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

ANSI ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 11011

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: 0.08 g/210L
DATE PREPARED: 04/07/2011
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Christie Mitchell

	CM	BP	AJL	CSJ	DC	SS	RF	JLK
1	0.102	0.101	0.102	0.102	0.102	0.103	0.103	0.103
2	0.103	0.103	0.102	0.101	0.104	0.102	0.103	0.103
3	0.102	0.103	0.102	0.101	0.103	0.102	0.102	0.102
4	0.103	0.102	0.102	0.102	0.102	0.102	0.103	0.102
5	0.103	0.103	0.101	0.101	0.103	0.102	0.103	0.103
C	0.100	0.099	0.100	0.099	0.100	0.101	0,100	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1023 g/100mL
STANDARD DEVIATION: 0.00073
PRECISION CV (%): 0.71
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0832 g/210L**
EXPANDED UNCERTAINTY: ± 0.0024 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

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

4.26.2011
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell	Christie Mitchell	04/07/2011
BP	Brianna Peterson	Brianna Peterson	04/08/2011
AJL	Asa J. Louis		04/08/2011
CSJ	Christopher S. Johnston		04/08/2011
DC	Dawn Cox	Dawn Cox	04/11/2011
SS	Sarah Swenson		04/12/2011
RF	Rebecca Flaherty		04/12/2011
JLK	Justin L. Knoy	Justin L Knoy	04/13/2011

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.

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

External Standard Solution Batch #: 11011 **Date Prepared:** 4/7/2011

Analyst:	CM	BP	AJL	CSJ	DC	SS	RF	JLK
Date Tested:	4/7/2011	4/8/2011	4/8/2011	4/8/2011	4/11/2011	4/12/2011	4/12/2011	4/13/2011
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.102	0.101	0.102	0.102	0.102	0.103	0.103	0.103
2	0.103	0.103	0.102	0.101	0.104	0.102	0.103	0.103
3	0.102	0.103	0.102	0.101	0.103	0.102	0.102	0.102
4	0.103	0.102	0.102	0.102	0.102	0.102	0.103	0.102
5	0.103	0.103	0.101	0.101	0.103	0.102	0.103	0.103
C	0.100	0.099	0.100	0.099	0.100	0.101	0.100	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000508760	0.0000411743	0.0001016326

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

Average Solution Concentration: 0.1023 g/100mL
Standard Deviation: 0.00073 g/100mL
Precision CV (%): 0.71
Equivalent Vapor Concentration: 0.0832 g/210L
Combined Standard Uncertainty (±): 0.0012 g/210L
Expanded Uncertainty (±): 0.0024 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 4.14.2011
Name Signature Date

Calculations verified by: Jason Skclerov [signature] April, 20, 2011 Method: Hand Calculator
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton [signature] 4.26.11
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: JASON SKLEROV **Date:** APRIL 20, 2011

Location: WSP-FLSB, SEATTLE, WA **Solution Batch Number:** 11011

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

Comments:

Reviewer Signature: (SKLEROV) **Date:** APRIL 20, 2011

Reviewer Signature: N/A JTS 4/20/11 **Date:**

Washington State Patrol Toxicology Laboratory Division

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	AL	20110414
Brian Capron		
Brianna Peterson	BP	4/14/11
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell	CM	4/19/11
Christopher Johnston	CJ	4/14/11
Dawn Cox	DC	4/15/11
Justin Knoy	JK	4-14-11
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	4-14-11
Sarah Swenson	SMS	4/14/11

Batch # 11011

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11011

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 external standard solution, Lot Number 11011, was prepared in the Washington State Toxicology Laboratory on 4/7/2011. 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 should not be used for evidential breath tests after 4/7/2012.

Seattle, WA

Christie Mitchell 4/19/2011

Christie Mitchell Date

Forensic Toxicologist

CM/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11011

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 external standard solution, Lot Number 11011, was prepared in the Washington State Toxicology Laboratory on 4/7/2011. 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 should not be used for evidential breath tests after 4/7/2012.

Seattle, WA

Brianna Peterson 4/14/11

Brianna Peterson Date
Forensic Toxicologist

BP/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11011

I, Asa J. Louis, 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: B.S. degree in Biochemistry and over ten years of toxicology experience.

The external standard solution, Lot Number 11011, was prepared in the Washington State Toxicology Laboratory on 4/7/2011. 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 should not be used for evidential breath tests after 4/7/2012.

Seattle, WA

20110414

Asa J. Louis Date
Forensic Toxicologist

AJL/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11011

I, Christopher S. Johnston, 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 Biochemistry.

The external standard solution, Lot Number 11011, was prepared in the Washington State Toxicology Laboratory on 4/7/2011. 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 should not be used for evidential breath tests after 4/7/2012.

Seattle, WA

4/14/11

Christopher S. Johnston — Date

Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11011

I, Dawn Cox, 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 in Forensic Chemistry.

The external standard solution, Lot Number 11011, was prepared in the Washington State Toxicology Laboratory on 4/7/2011. 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 should not be used for evidential breath tests after 4/7/2012.

Seattle, WA

Dawn Cox 4/15/11

Dawn Cox Date

Forensic Toxicologist

DC/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11011

I, Sarah M. Swenson, 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 and over eight years of experience in forensic toxicology.

The external standard solution, Lot Number 11011, was prepared in the Washington State Toxicology Laboratory on 4/7/2011. 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 should not be used for evidential breath tests after 4/7/2012.

Seattle, WA

4/14/11

Sarah M. Swenson Date
Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11011

I, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The external standard solution, Lot Number 11011, was prepared in the Washington State Toxicology Laboratory on 4/7/2011. 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 should not be used for evidential breath tests after 4/7/2012.

Seattle, WA

4-14-11

Rebecca Flaherty — Date

Forensic Toxicologist

RF/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11011

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 external standard solution, Lot Number 11011, was prepared in the Washington State Toxicology Laboratory on 4/7/2011. 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 should not be used for evidential breath tests after 4/7/2012.

Seattle, WA

Justin L. Knoy 4-14-11

Justin L. Knoy — Date
Forensic Toxicologist

JLK/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:	110407CM
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	11011 #1	SIMALC1	1	Sample		
11	Vial 11	11011 #2	SIMALC1	1	Sample		
12	Vial 12	11011 #3	SIMALC1	1	Sample		
13	Vial 13	11011 #4	SIMALC1	1	Sample		
14	Vial 14	11011 #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		

CM

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	

= 11011

Sequence Table (Back Injector):

No entries - empty table!

CM

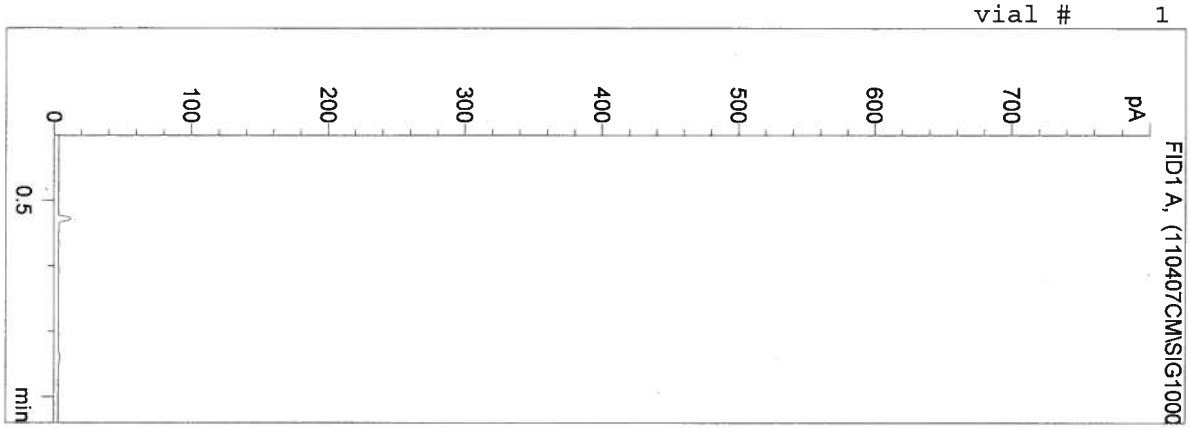
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

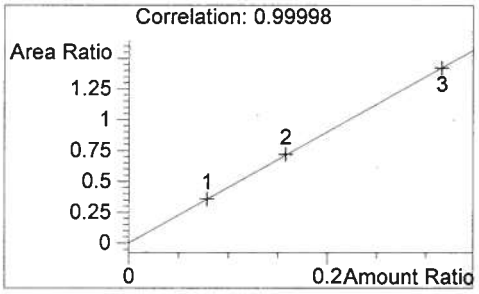
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:20:04 AM
Instrument 1
DB-ALC1

BLANK
Christie Mitchell

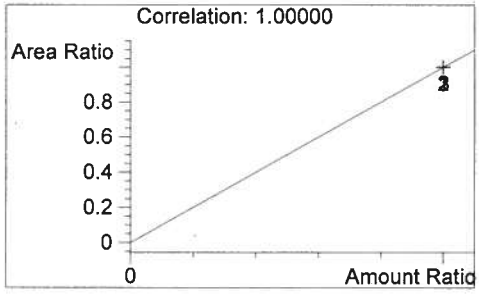
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

CM

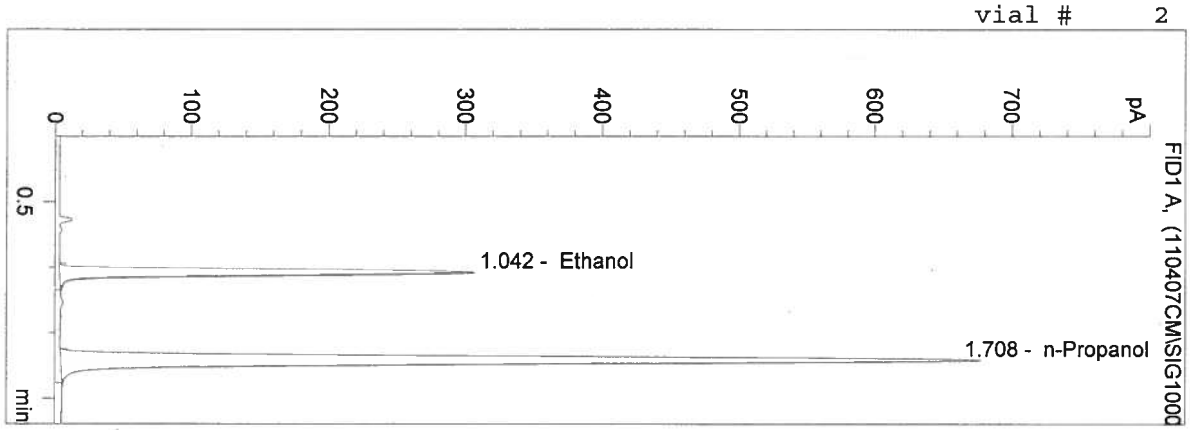
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

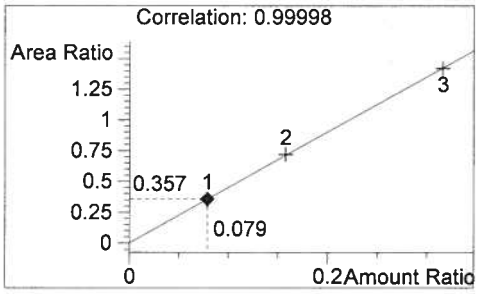
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:23:09 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Christie Mitchell

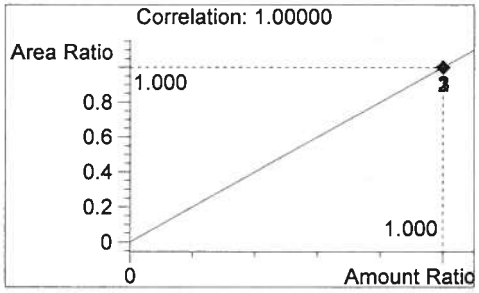
vial # 2



#	Compound	Area	RT
1	Ethanol	941	1.042
2	n-Propanol	2633	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

CM

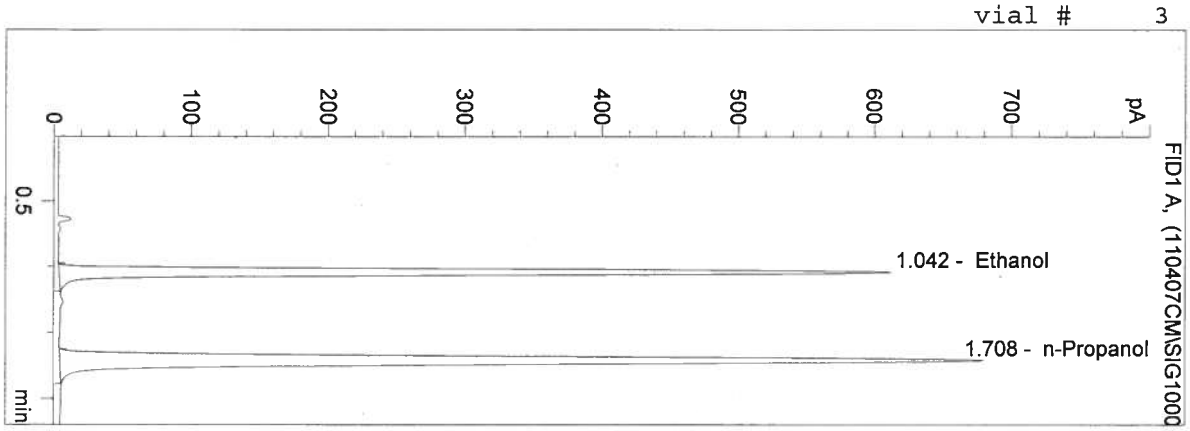
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

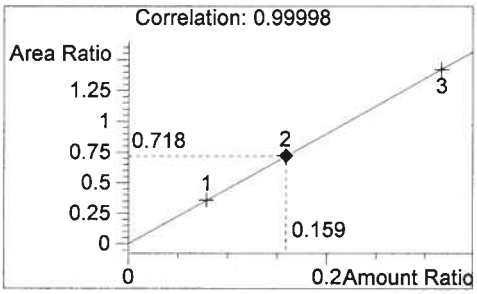
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:26:14 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Christie Mitchell

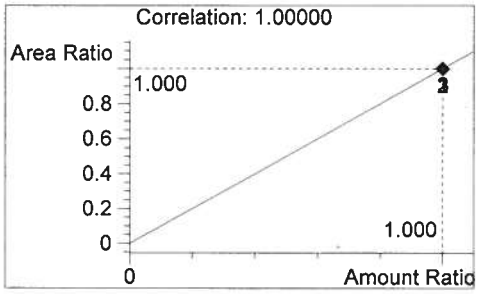
vial # 3



#	Compound	Area	RT
1	Ethanol	1898	1.042
2	n-Propanol	2644	1.708
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11011

WASHINGTON STATE TOXICOLOGY LABORATORY

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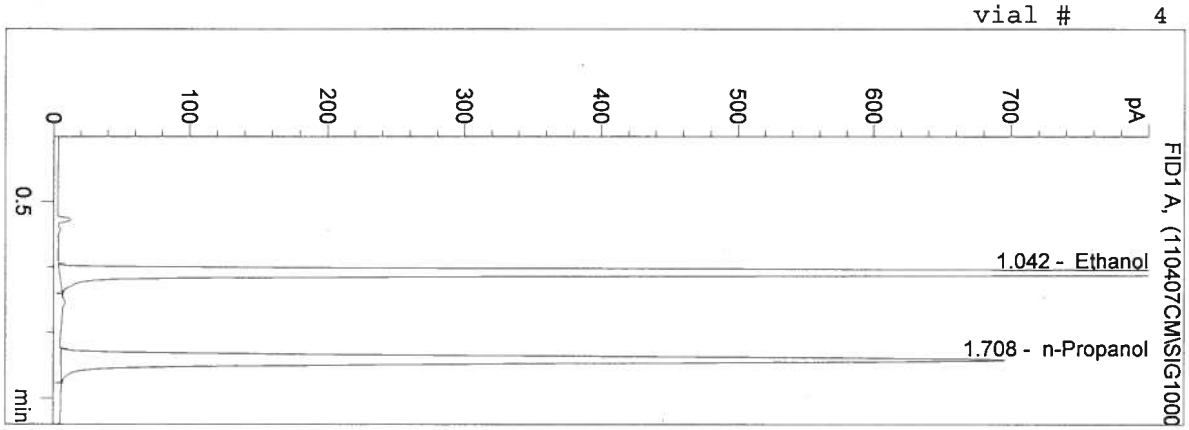
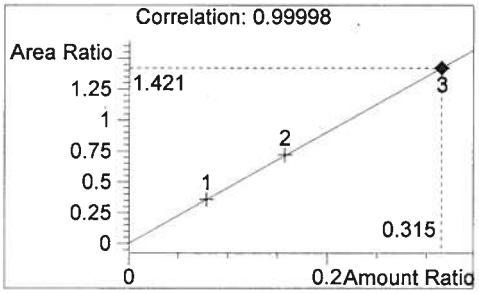
4/7/2011 11:29:18 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Christie Mitchell

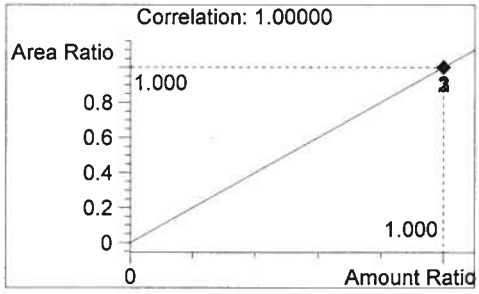
vial # 4



#	Compound	Area	RT
1	Ethanol	3829	1.042
2	n-Propanol	2694	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

CM

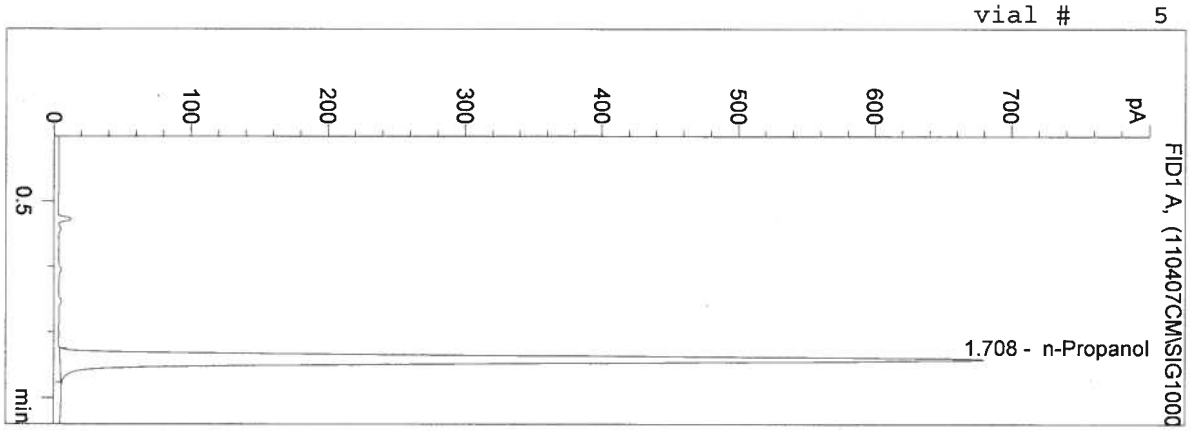
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

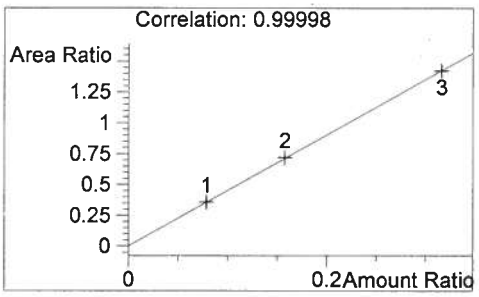
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:32:23 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

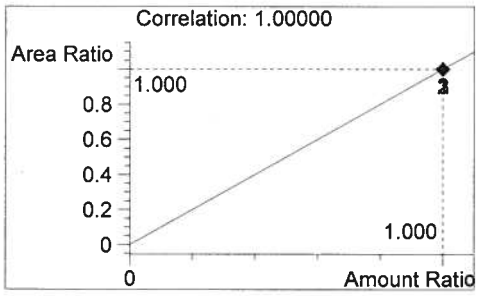
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2639	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

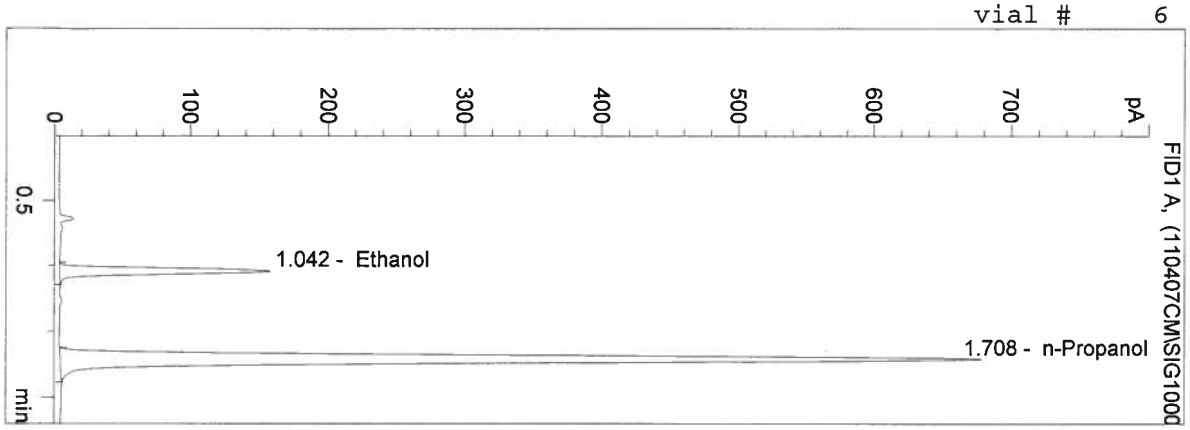
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

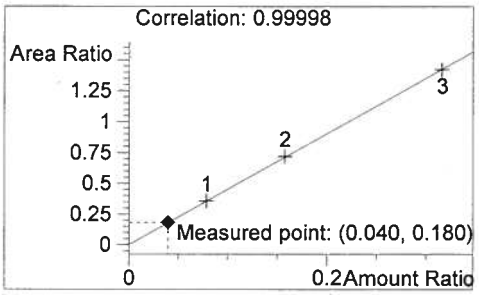
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:35:28 AM
Instrument 1
DB-ALC1

0.04 CTRL - CM
Christie Mitchell

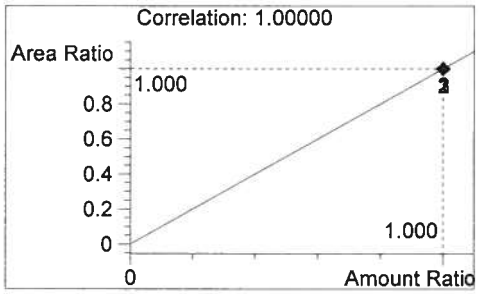
vial # 6



#	Compound	Area	RT
1	Ethanol	476	1.042
2	n-Propanol	2636	1.708
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

CM

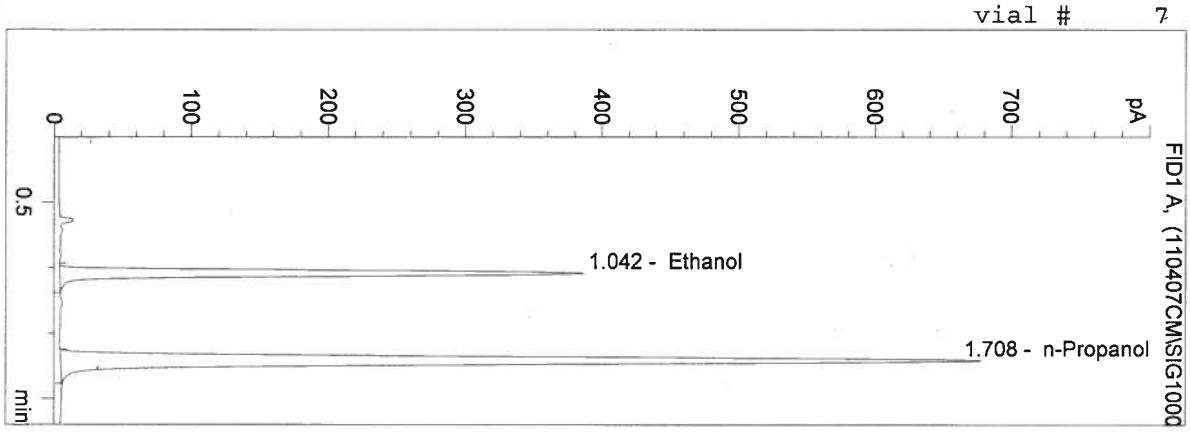
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

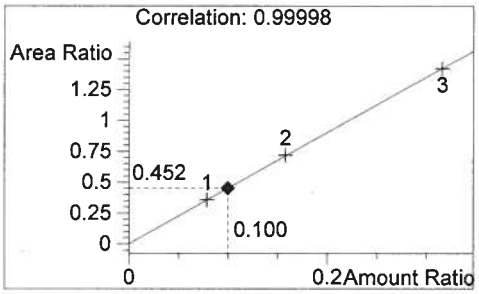
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:38:33 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

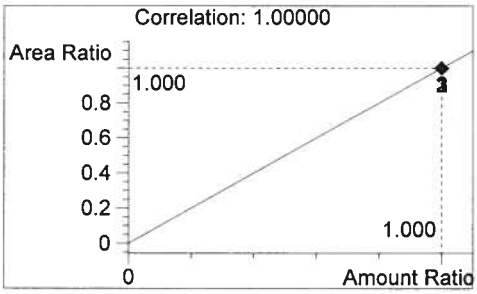
vial # 7



#	Compound	Area	RT
1	Ethanol	1192	1.042
2	n-Propanol	2638	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

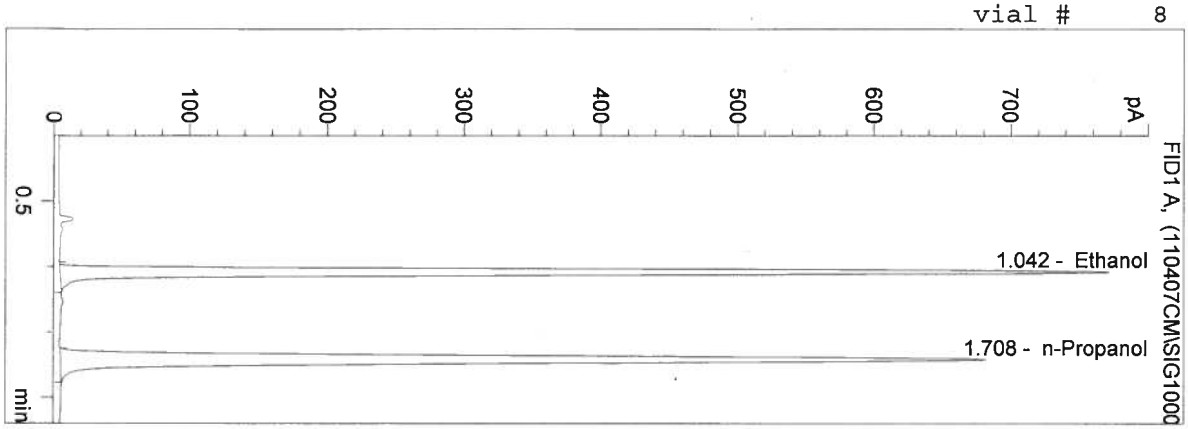
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

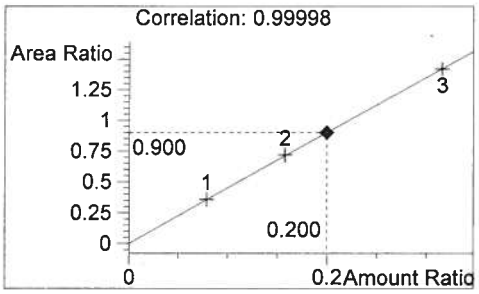
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:41:38 AM
Instrument 1
DB-ALC1

0.20 CTRL - CM
Christie Mitchell

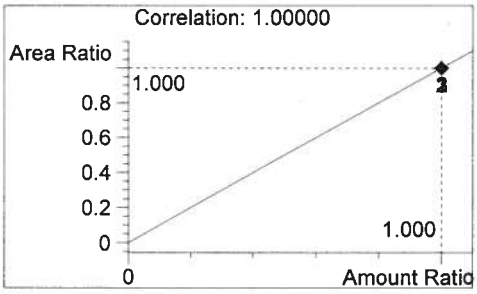
vial # 8



#	Compound	Area	RT
1	Ethanol	2385	1.042
2	n-Propanol	2648	1.708
Tot			



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

CM

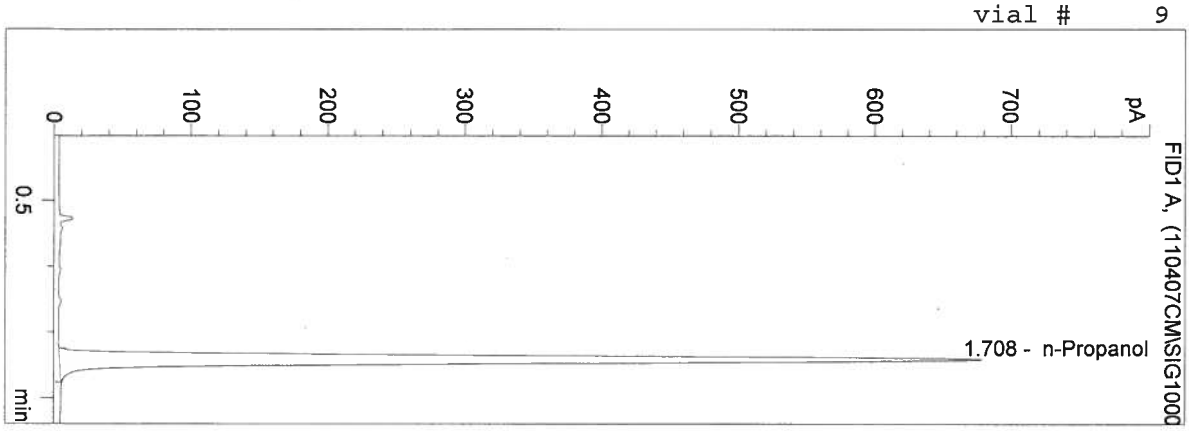
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

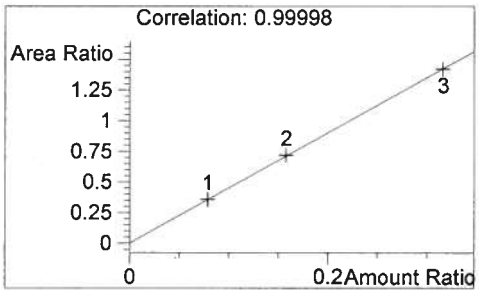
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:44:42 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

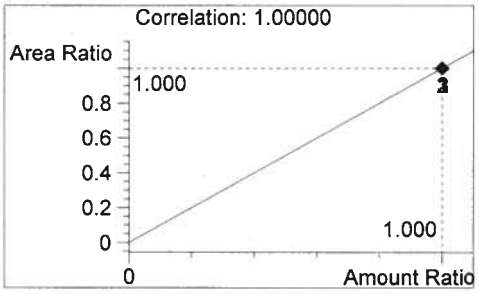
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2636	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

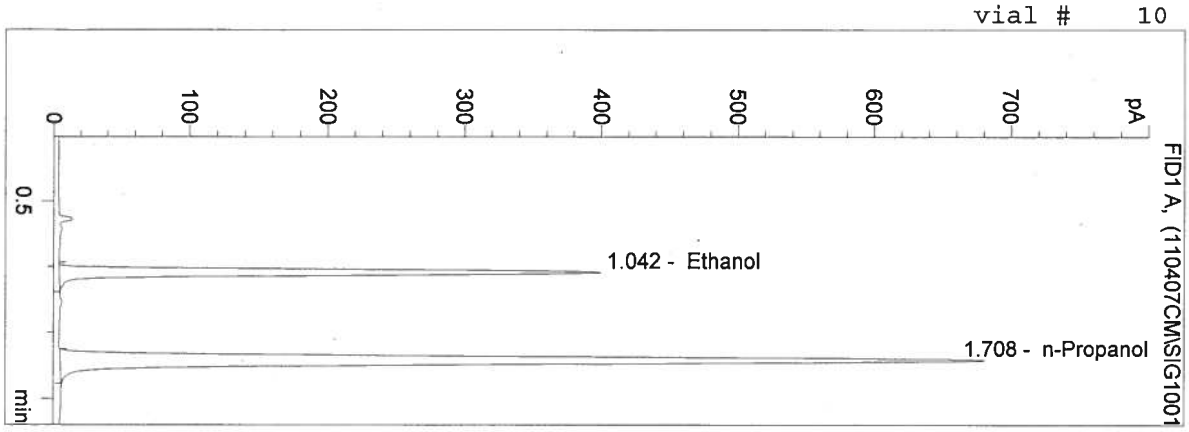
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

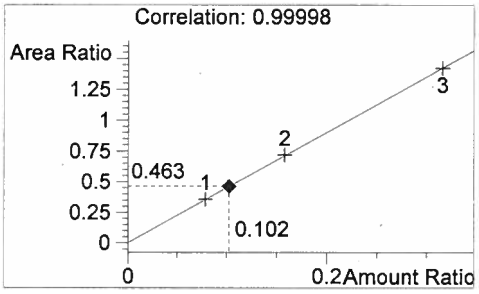
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:47:47 AM
Instrument 1
DB-ALC1

11011 #1
Christie Mitchell

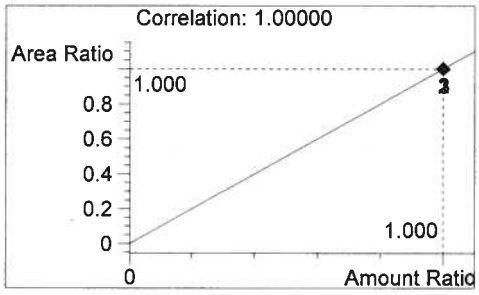
vial # 10



#	Compound	Area	RT
1	Ethanol	1225	1.042
2	n-Propanol	2644	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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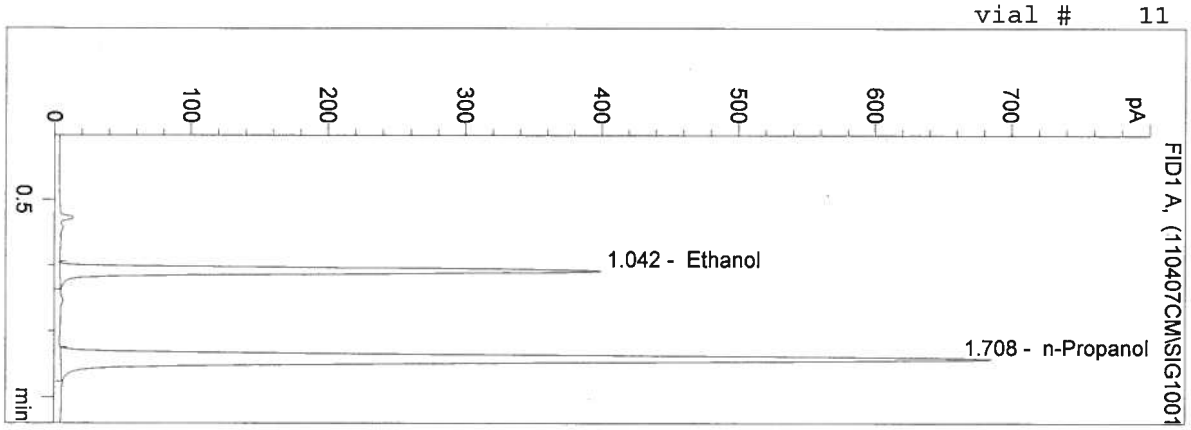
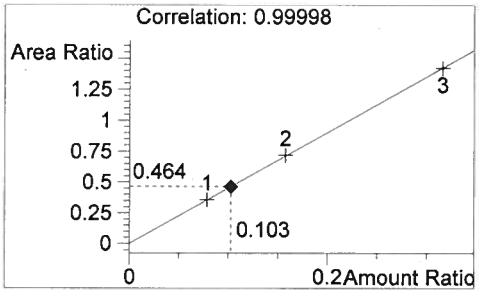
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:50:53 AM
Instrument 1
DB-ALC1

11011 #2
Christie Mitchell

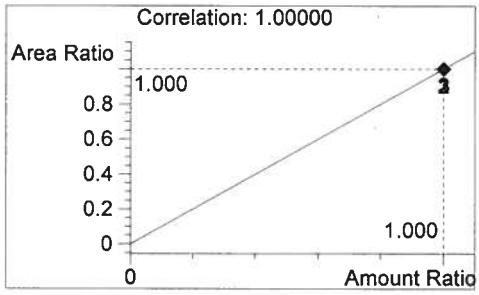
vial # 11



#	Compound	Area	RT
1	Ethanol	1237	1.042
2	n-Propanol	2668	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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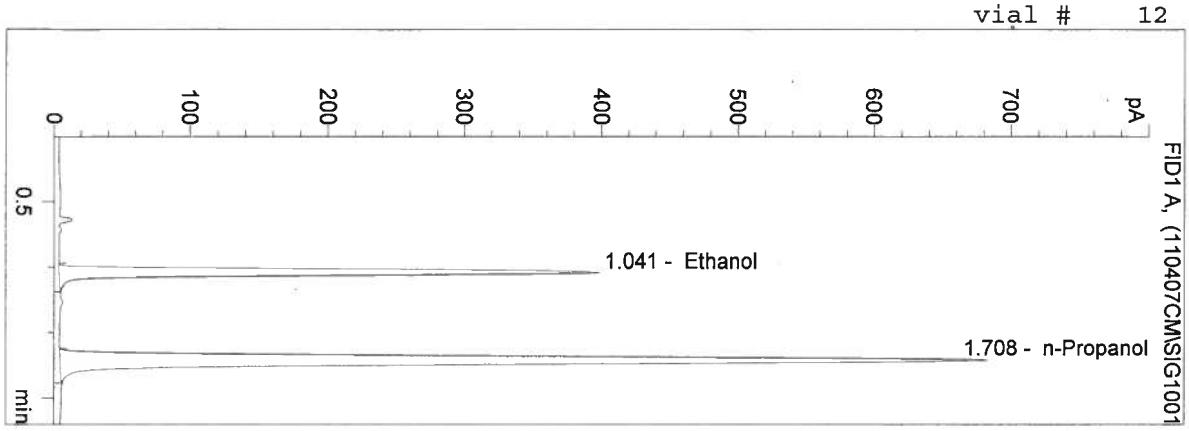
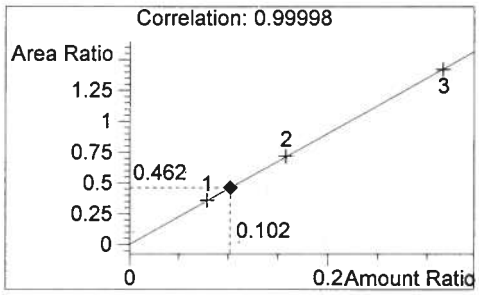
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:54:12 AM
Instrument 1
DB-ALC1

11011 #3
Christie Mitchell

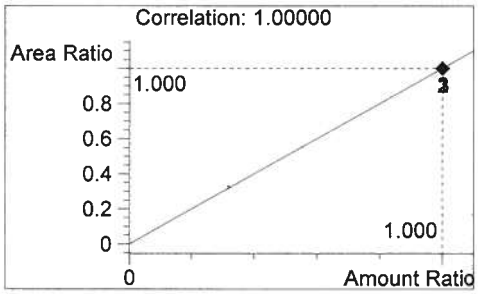
vial # 12



#	Compound	Area	RT
1	Ethanol	1224	1.041
2	n-Propanol	2649	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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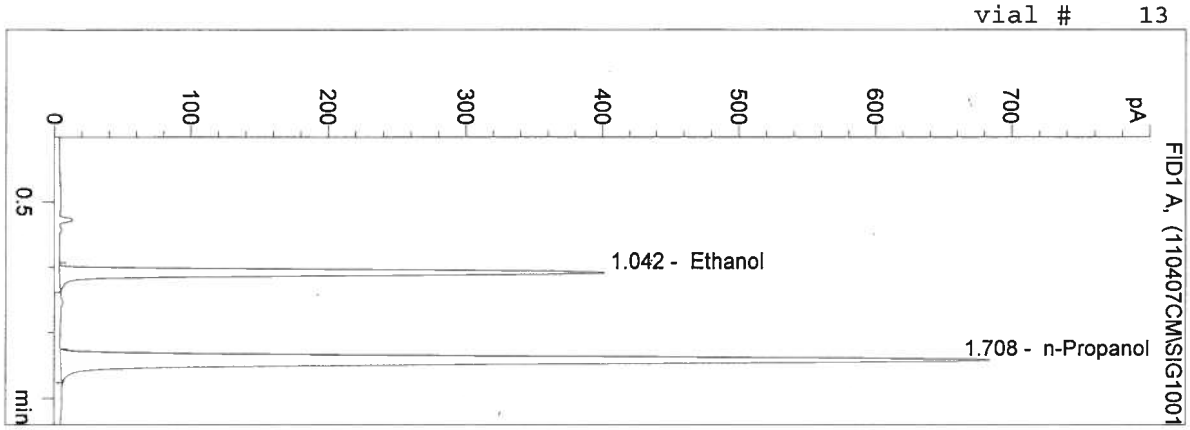
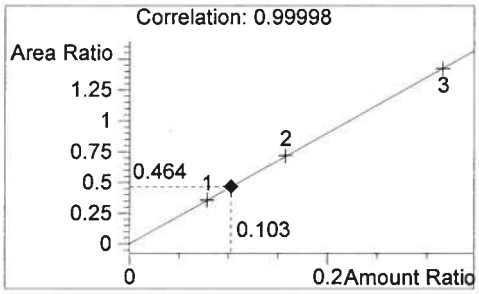
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 11:57:17 AM
Instrument 1
DB-ALC1

11011 #4
Christie Mitchell

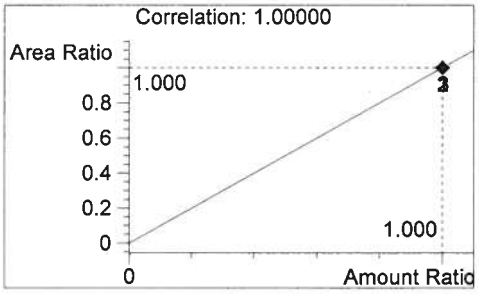
vial # 13



#	Compound	Area	RT
1	Ethanol	1232	1.042
2	n-Propanol	2654	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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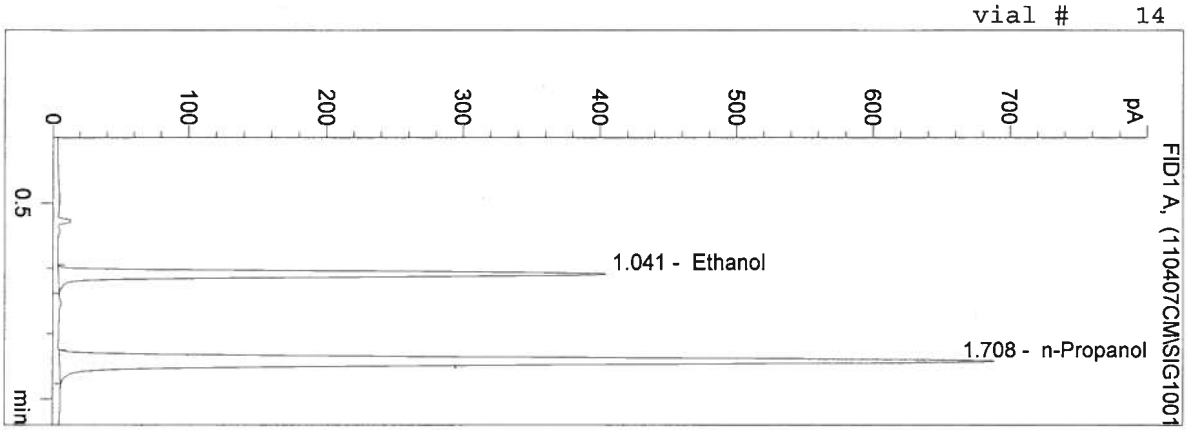
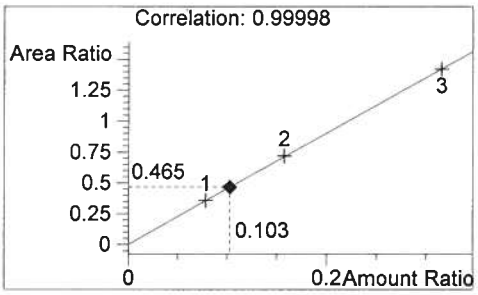
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 12:00:22 PM
Instrument 1
DB-ALC1

11011 #5
Christie Mitchell

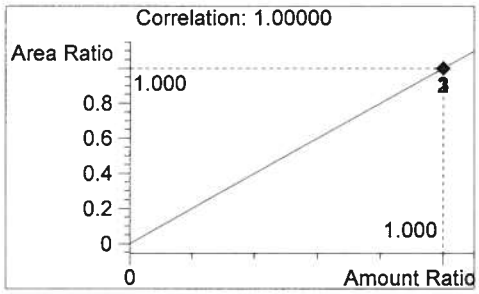
vial # 14



#	Compound	Area	RT
1	Ethanol	1242	1.041
2	n-Propanol	2670	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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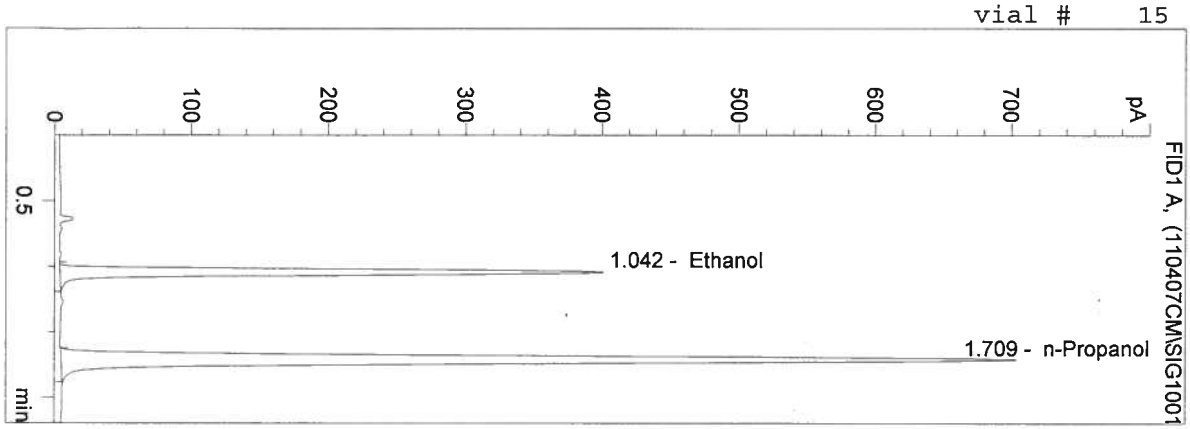
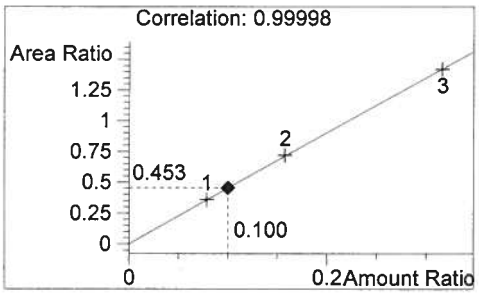
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 12:03:27 PM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

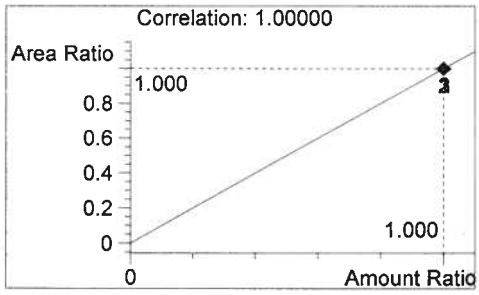
vial # 15



#	Compound	Area	RT
1	Ethanol	1241	1.042
2	n-Propanol	2742	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11011

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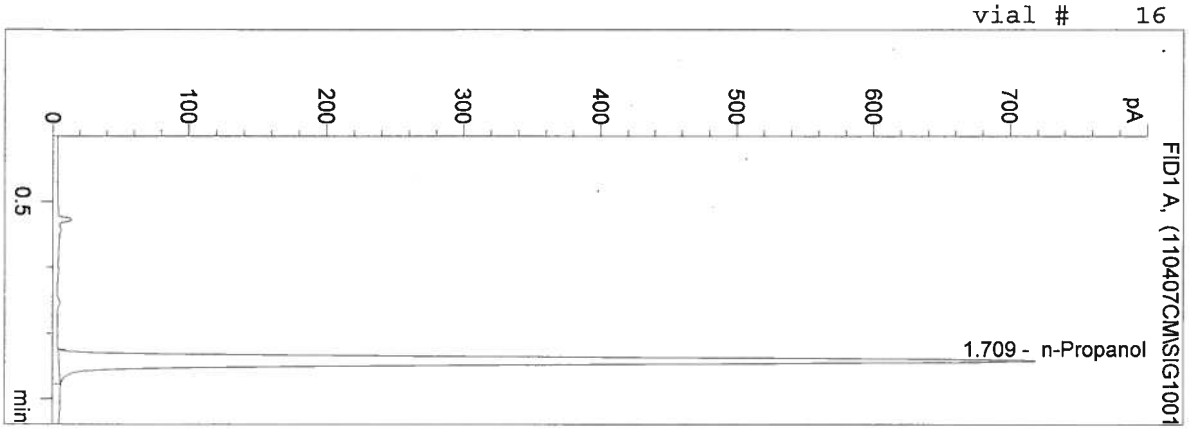
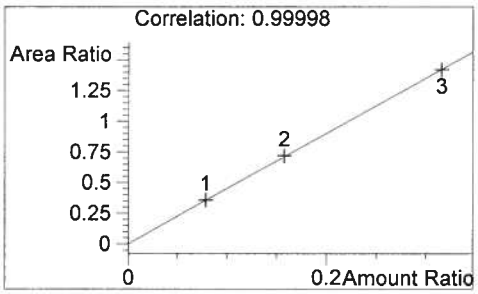
C:\HPCHEM\1\METHODS\SIMALC1.M
4/7/2011 12:06:31 PM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

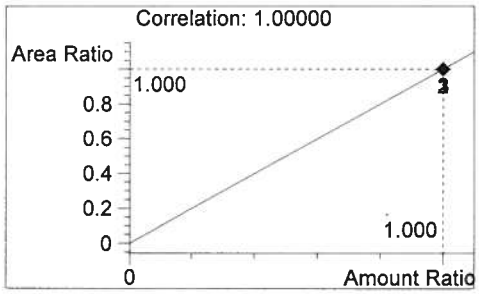
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2799	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11011

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:	110408BP
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	11011 #1	SIMALC1	1	Sample		
11	Vial 11	11011 #2	SIMALC1	1	Sample		
12	Vial 12	11011 #3	SIMALC1	1	Sample		
13	Vial 13	11011 #4	SIMALC1	1	Sample		
14	Vial 14	11011 #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		

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	

11011

Sequence Table (Back Injector):

No entries - empty table!

BP

11011

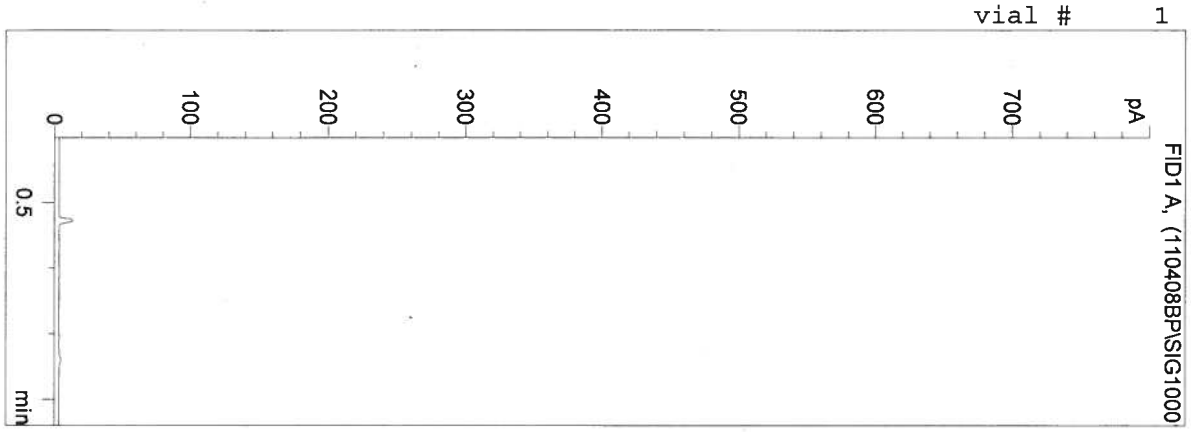
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

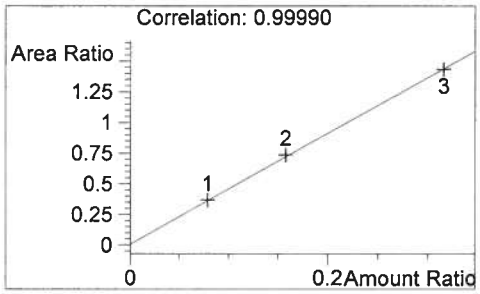
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 10:40:02 AM
Instrument 1
DB-ALC1

blank
Brianna Peterson

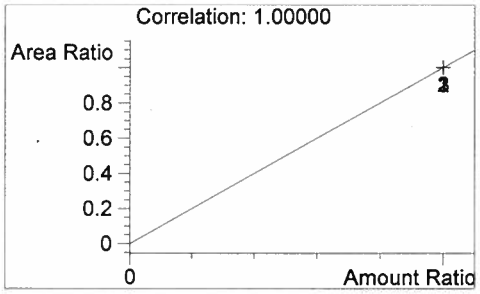
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11011

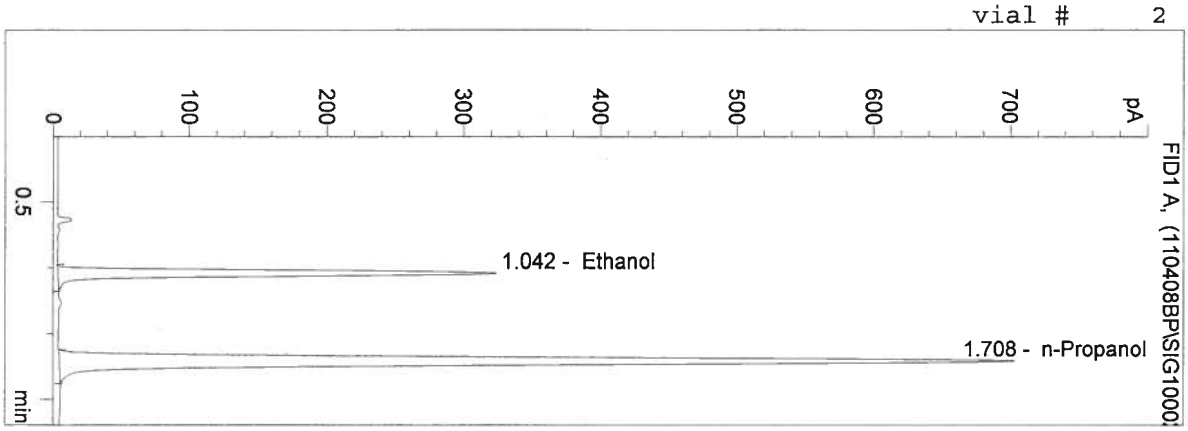
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

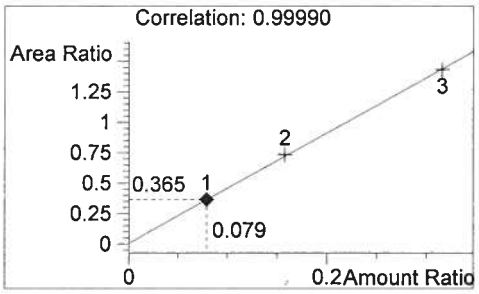
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 10:43:07 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Brianna Peterson

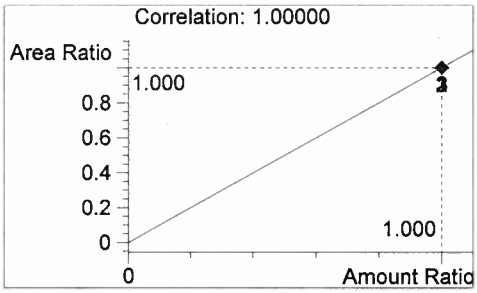
vial # 2



#	Compound	Area	RT
1	Ethanol	994	1.042
2	n-Propanol	2728	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11011

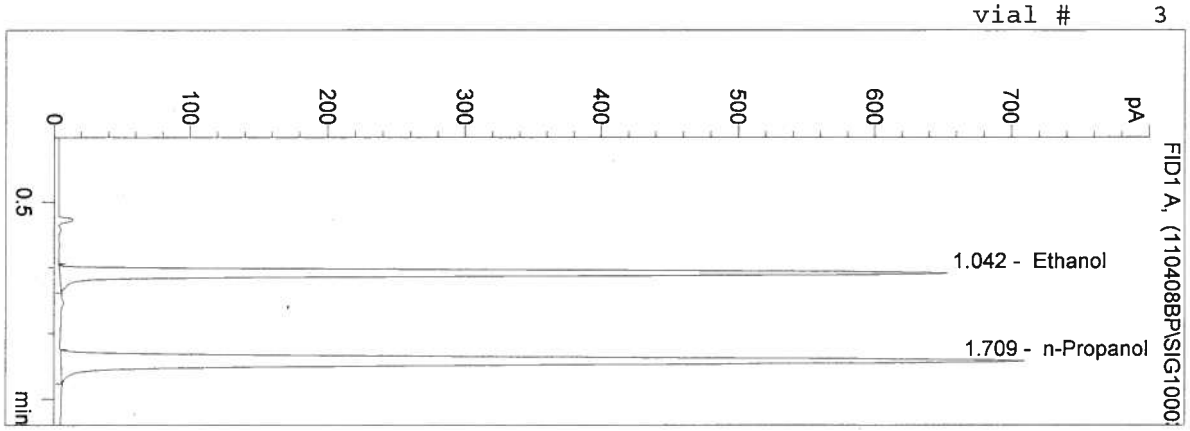
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

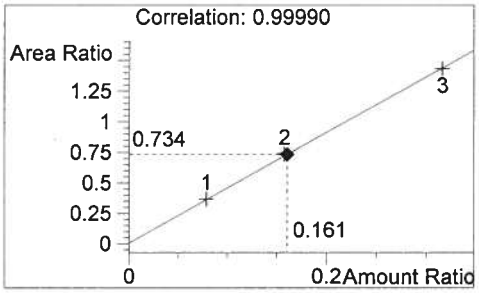
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 10:46:12 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Brianna Peterson

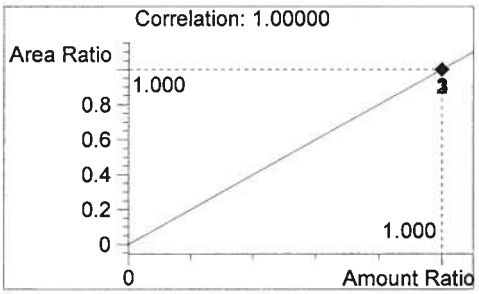
vial # 3



#	Compound	Area	RT
1	Ethanol	2021	1.042
2	n-Propanol	2755	1.709
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

11011

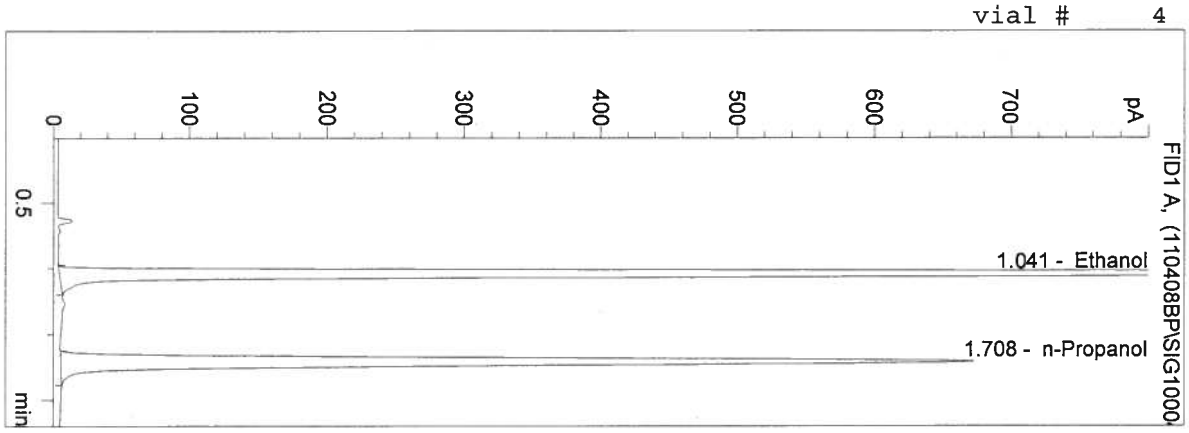
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

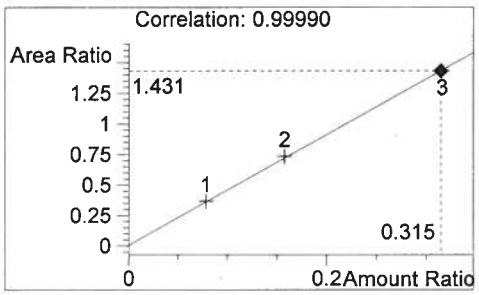
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 10:49:17 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Brianna Peterson

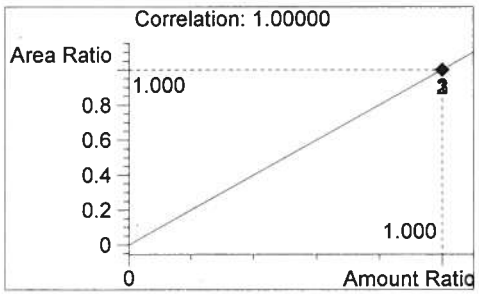
vial # 4



#	Compound	Area	RT
1	Ethanol	3727	1.041
2	n-Propanol	2604	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11011

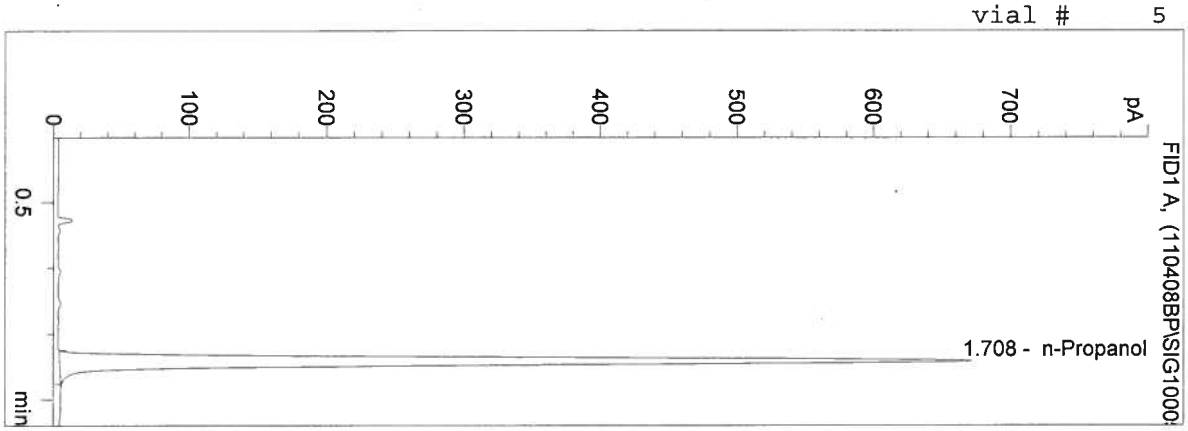
BG

WASHINGTON STATE TOXICOLOGY LABORATORY

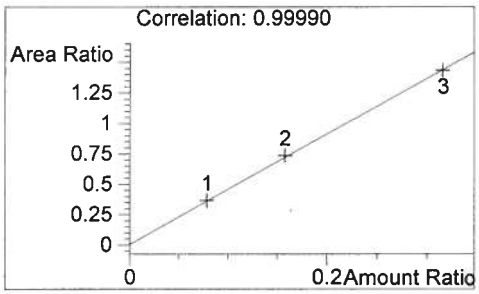
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 10:52:22 AM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

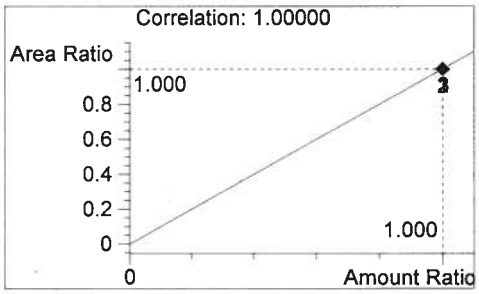
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2604	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

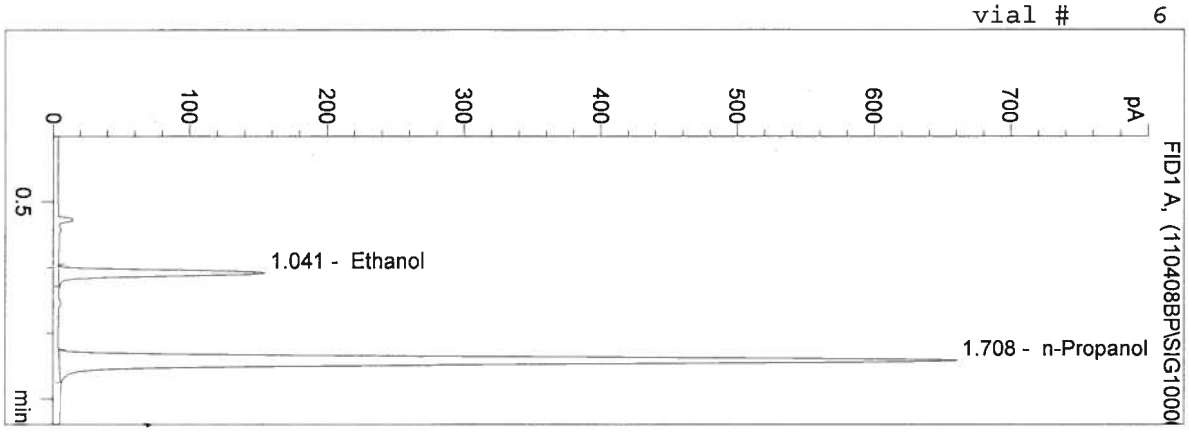
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

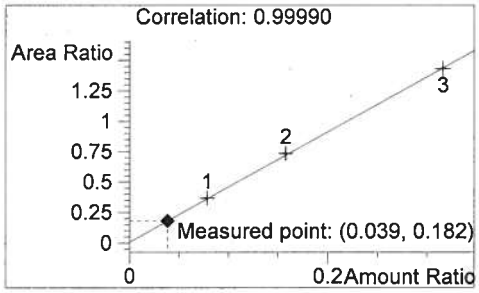
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 10:55:26 AM
Instrument 1
DB-ALC1

0.04 CTRL - BP
Brianna Peterson

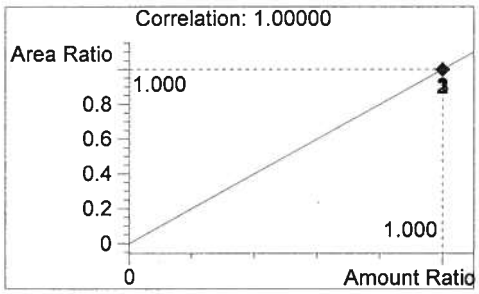
vial # 6



#	Compound	Area	RT
1	Ethanol	465	1.041
2	n-Propanol	2563	1.708
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

11011

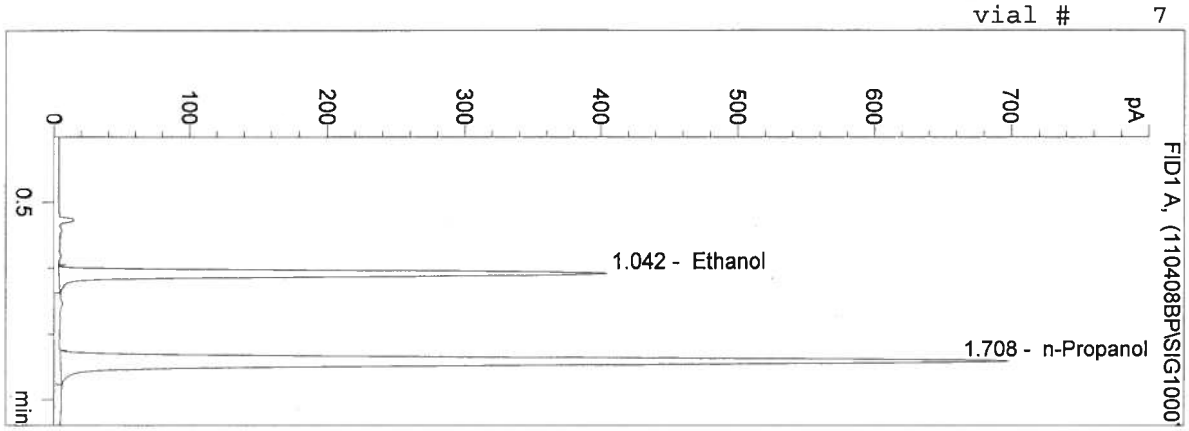
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

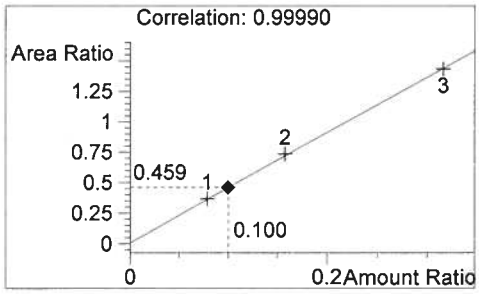
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 10:58:31 AM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

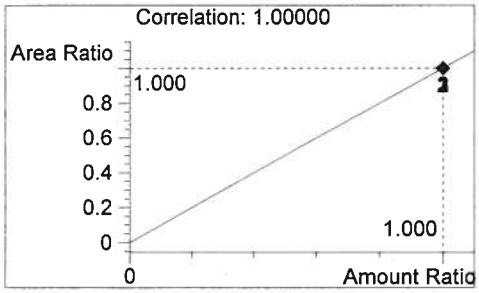
vial # 7



#	Compound	Area	RT
1	Ethanol	1244	1.042
2	n-Propanol	2708	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11011

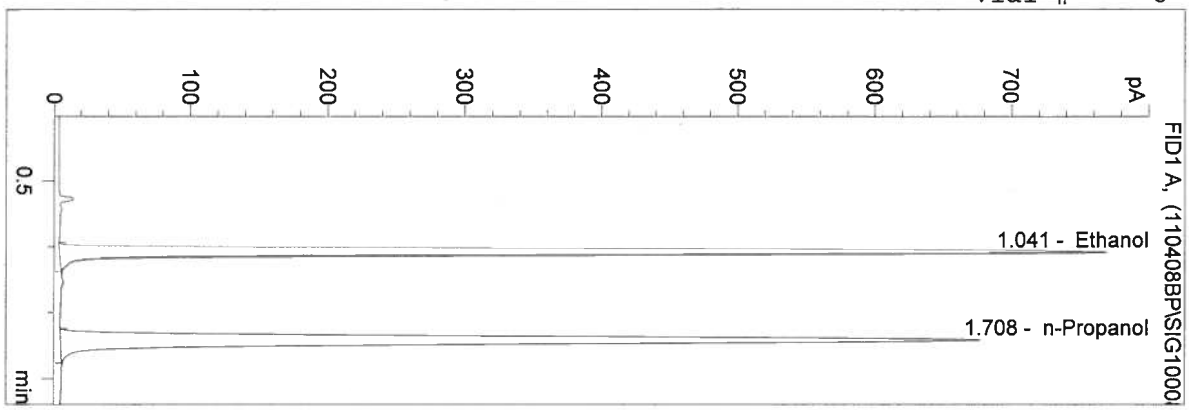
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

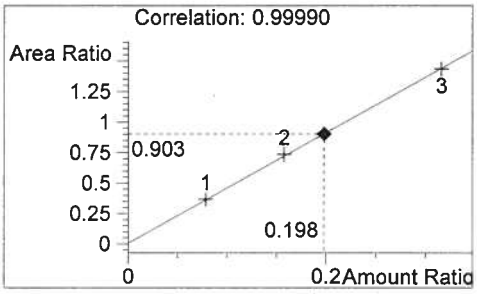
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:01:36 AM
Instrument 1
DB-ALC1

0.20 CTRL - BP
Brianna Peterson

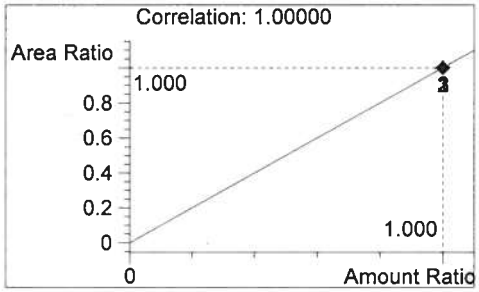
vial # 8



#	Compound	Area	RT
1	Ethanol	2365	1.041
2	n-Propanol	2618	1.708
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

11011

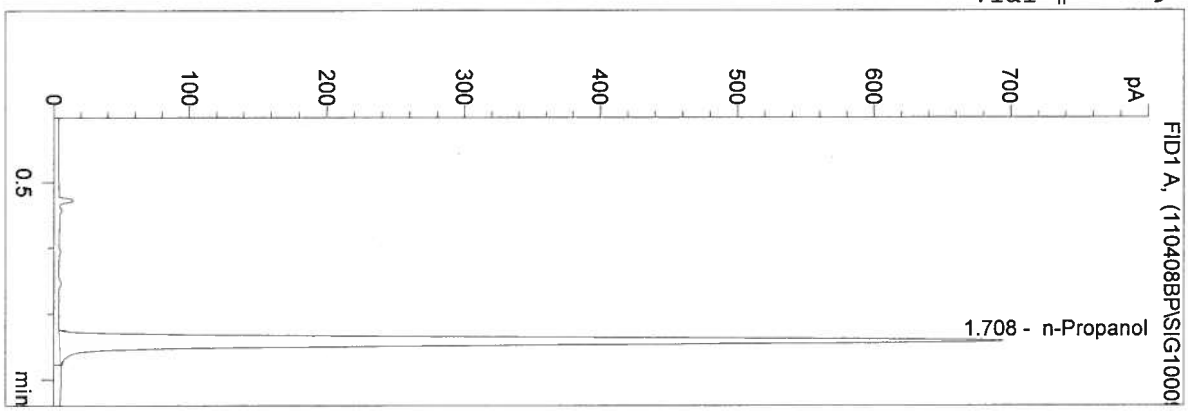
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

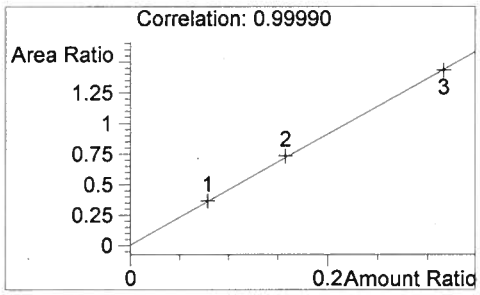
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:04:40 AM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

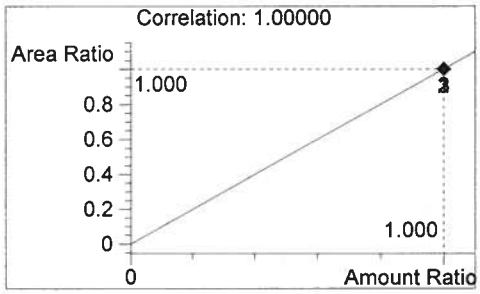
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2694	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

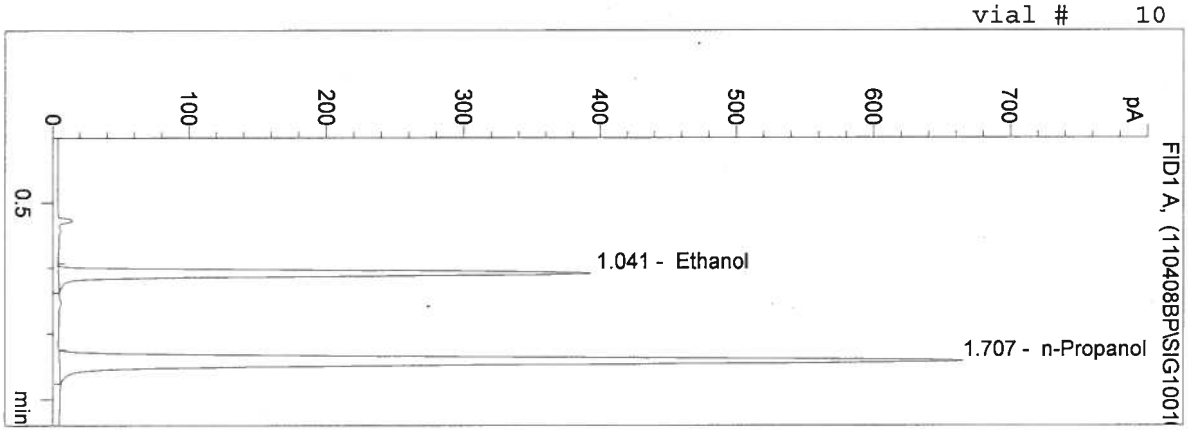
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

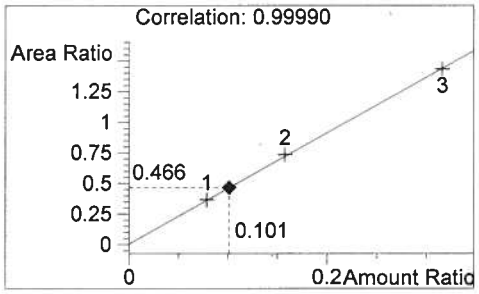
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:07:45 AM
Instrument 1
DB-ALC1

11011 #1
Brianna Peterson

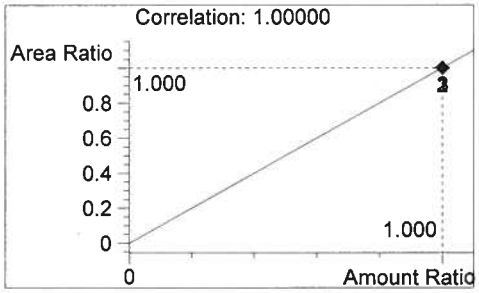
vial # 10



#	Compound	Area	RT
1	Ethanol	1199	1.041
2	n-Propanol	2574	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

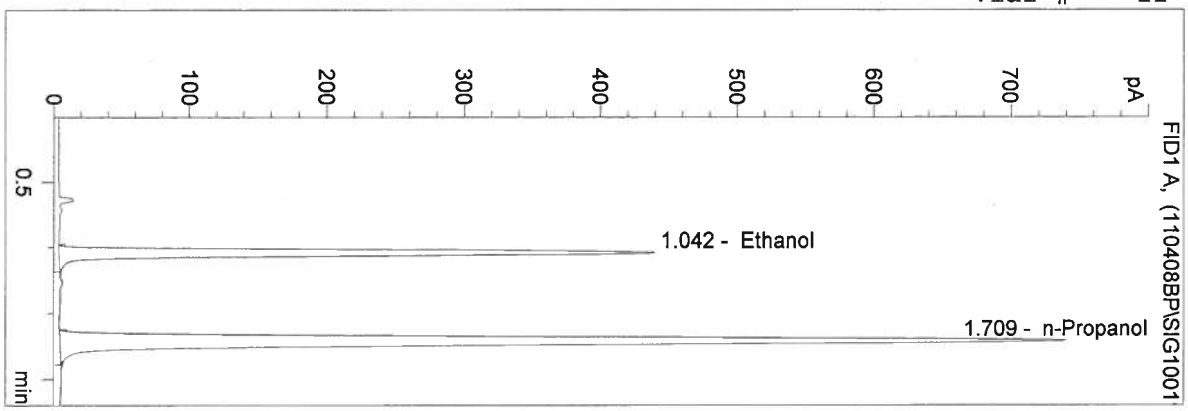
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

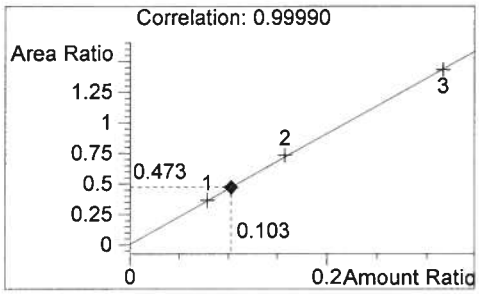
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:10:50 AM
Instrument 1
DB-ALC1

11011 #2
Brianna Peterson

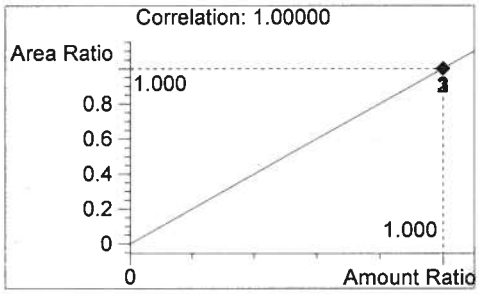
vial # 11



#	Compound	Area	RT
1	Ethanol	1356	1.042
2	n-Propanol	2868	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

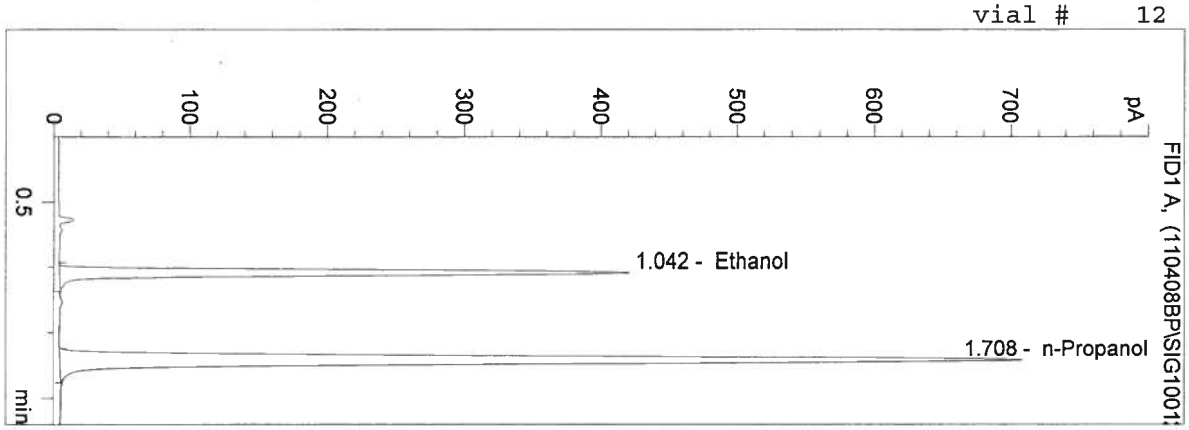
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

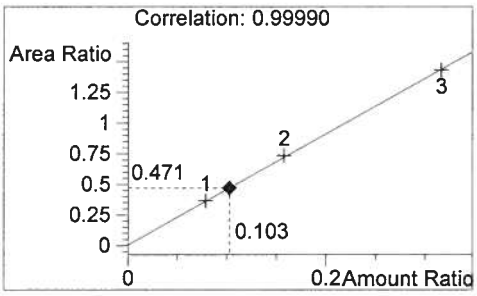
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:13:55 AM
Instrument 1
DB-ALC1

11011 #3
Brianna Peterson

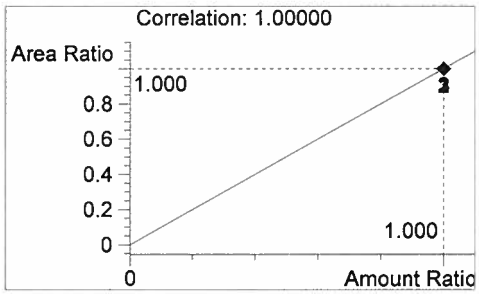
vial # 12



#	Compound	Area	RT
1	Ethanol	1296	1.042
2	n-Propanol	2752	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

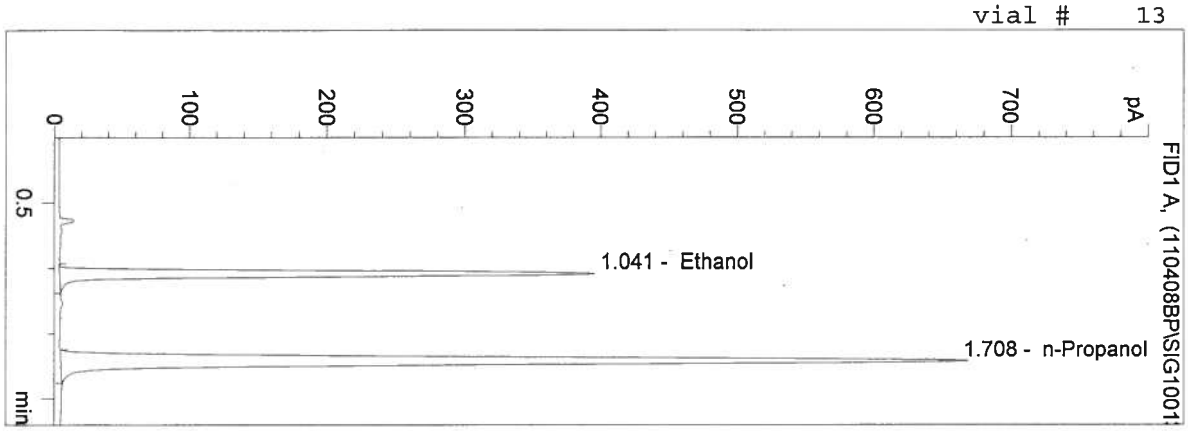
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

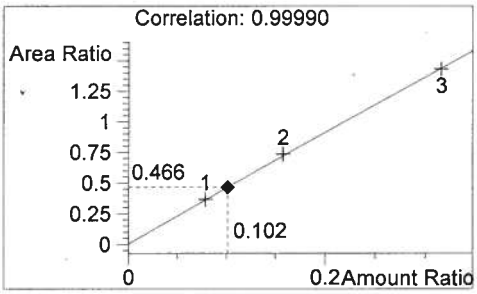
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:17:00 AM
Instrument 1
DB-ALC1

11011 #4
Brianna Peterson

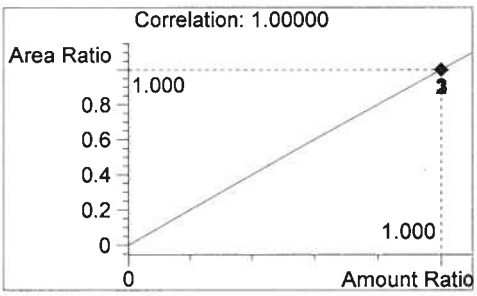
vial # 13



#	Compound	Area	RT
1	Ethanol	1206	1.041
2	n-Propanol	2587	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

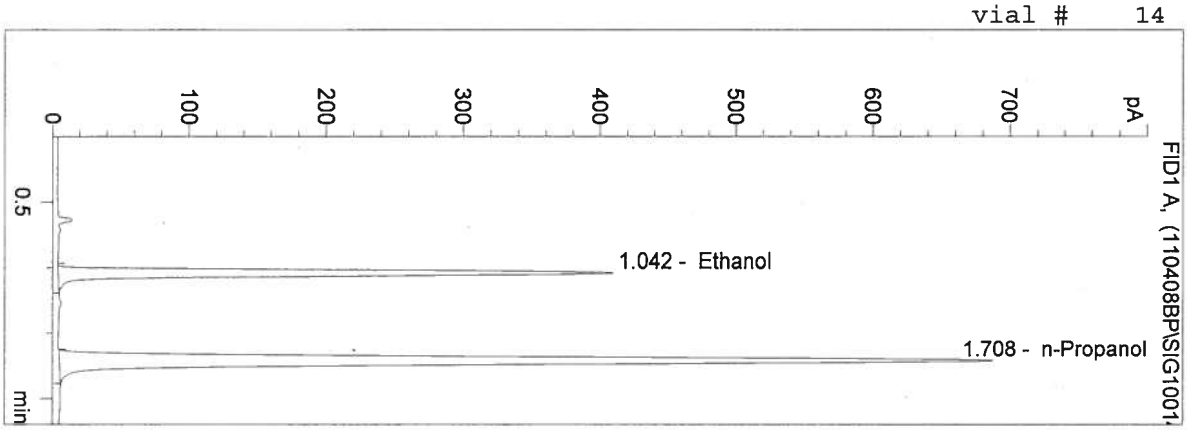
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

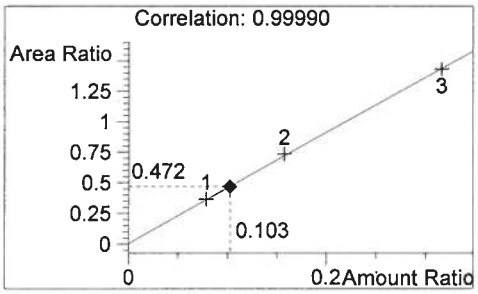
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:20:04 AM
Instrument 1
DB-ALC1

11011 #5
Brianna Peterson

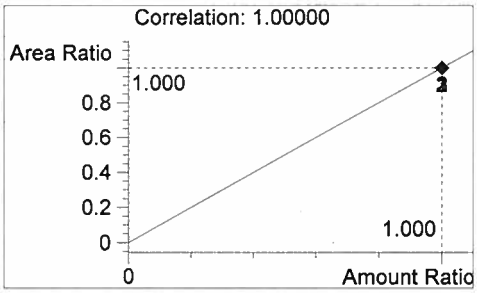
vial # 14



#	Compound	Area	RT
1	Ethanol	1258	1.042
2	n-Propanol	2666	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

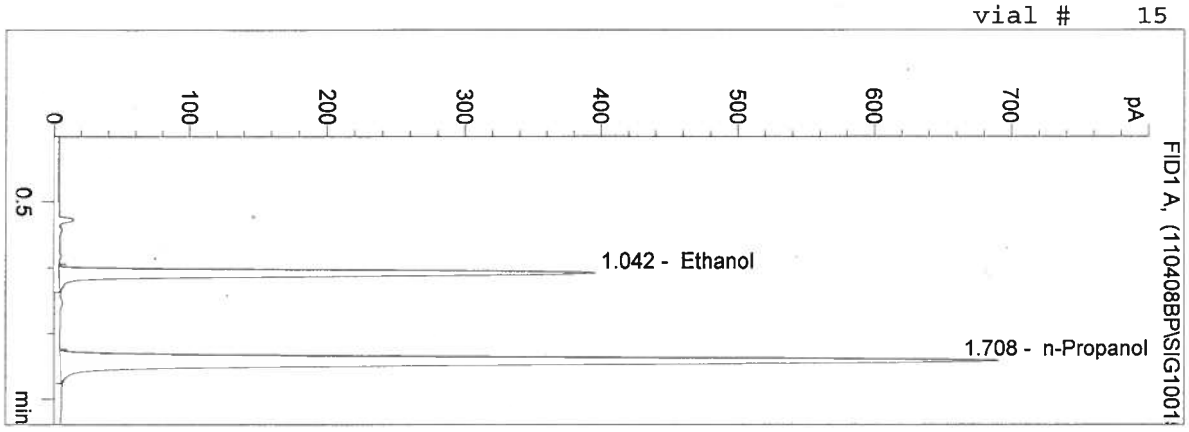
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

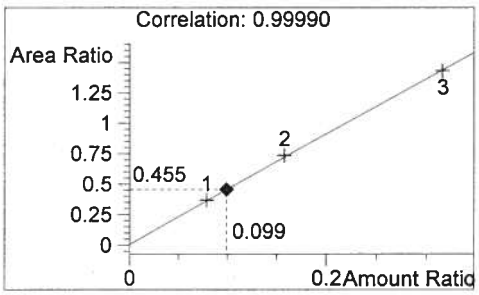
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:23:09 AM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

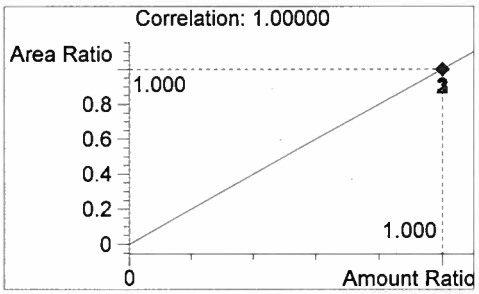
vial # 15



#	Compound	Area	RT
1	Ethanol	1220	1.042
2	n-Propanol	2683	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11011

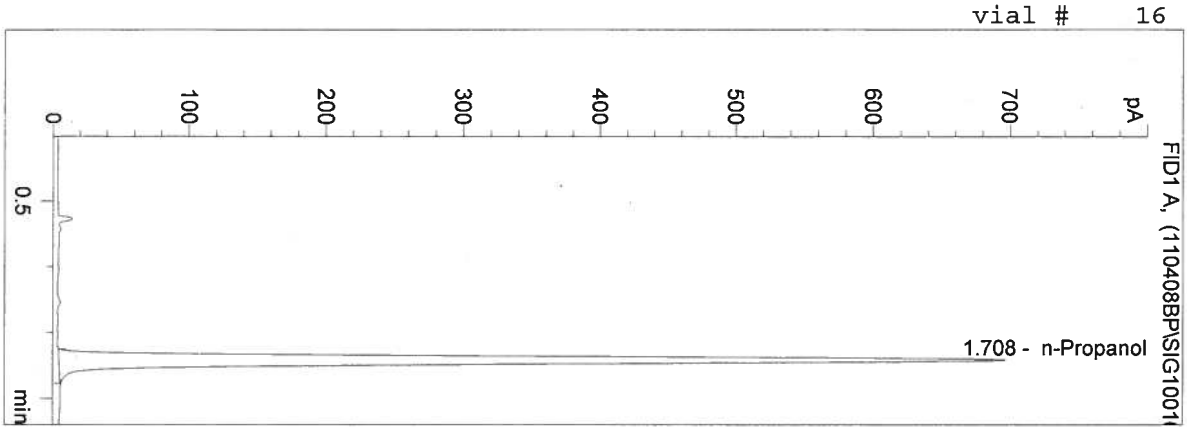
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

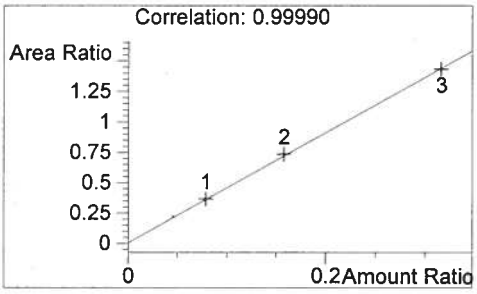
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 11:26:14 AM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

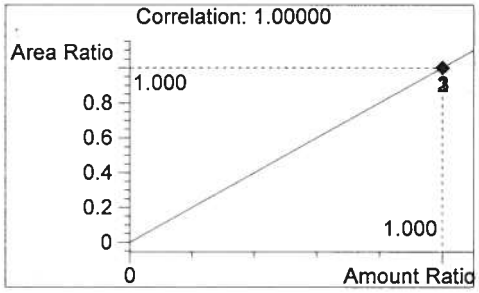
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2711	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

BP

Sequence Parameters:

Operator:	asa louis
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:	110408A1
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 control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	11011 #1	SIMALC1	1	Sample		
11	Vial 11	11011 #2	SIMALC1	1	Sample		
12	Vial 12	11011 #3	SIMALC1	1	Sample		
13	Vial 13	11011 #4	SIMALC1	1	Sample		
14	Vial 14	11011 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	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	

AL 20110408
AL 20110404

11011

Sequence Table (Back Injector):

No entries - empty table!

AL 20110408

AL 20110414

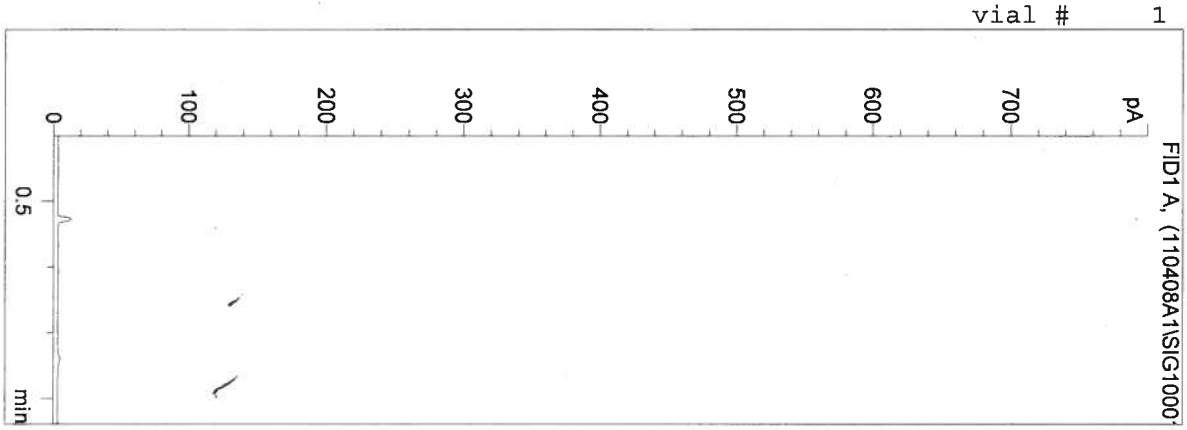
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

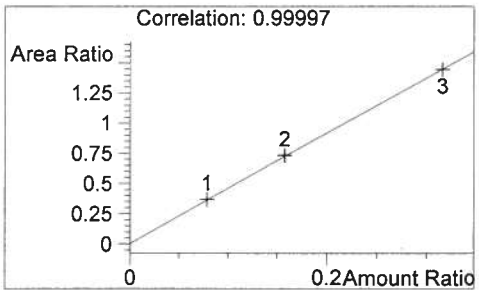
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 1:29:41 PM
Instrument 1
DB-ALC1

blank
asa louis

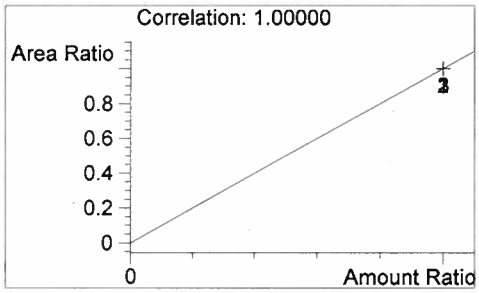
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

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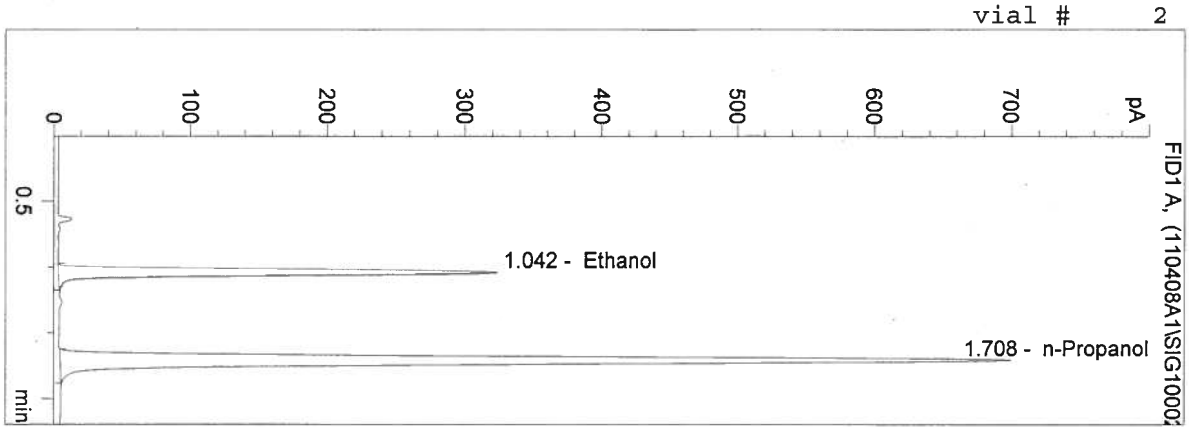
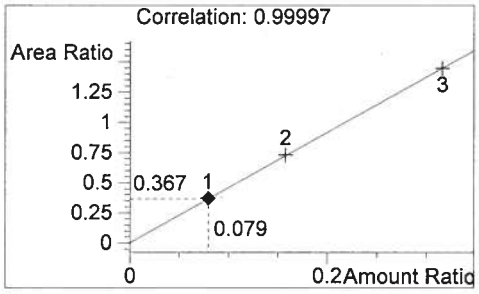
Instrument 1
DB-ALC1

0.079 cal 1
asa louis

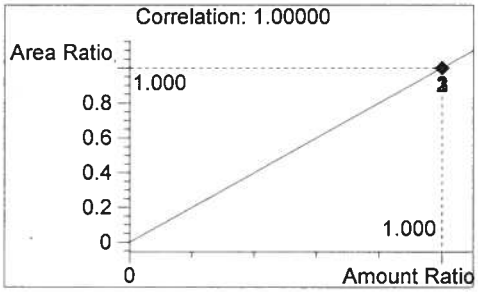
vial # 2



#	Compound	Area	RT
1	Ethanol	997	1.042
2	n-Propanol	2718	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

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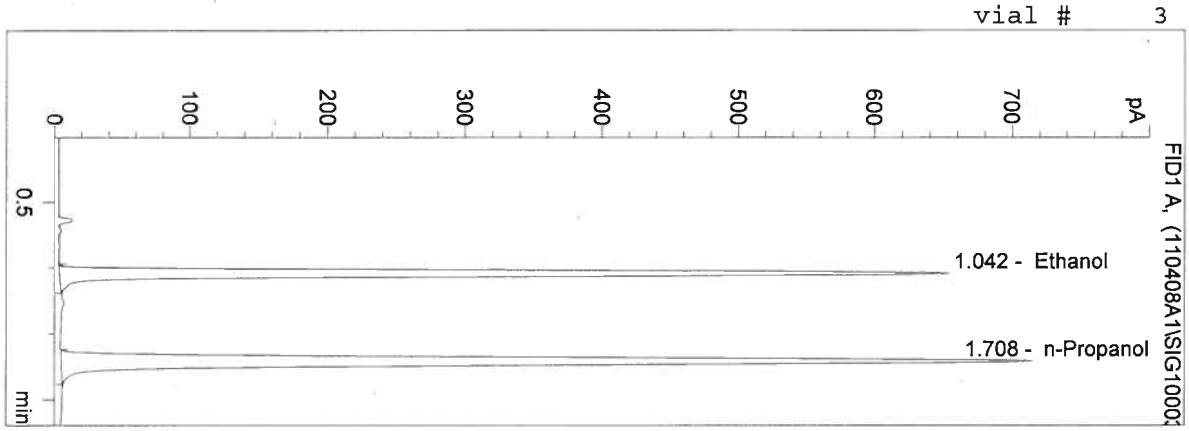
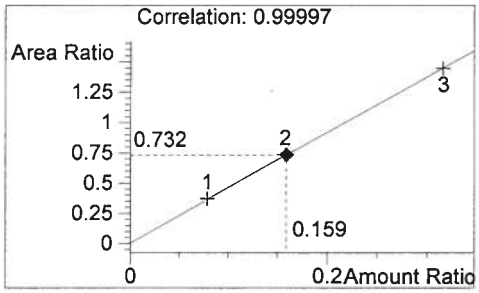
Instrument 1
DB-ALC1

0.158 cal 2
asa louis

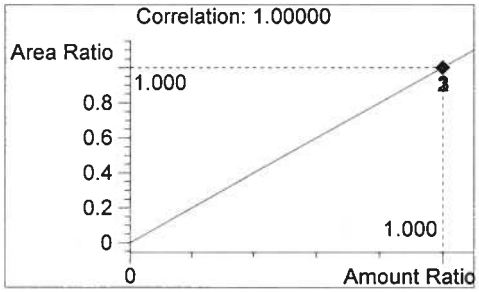
vial # 3



#	Compound	Area	RT
1	Ethanol	2028	1.042
2	n-Propanol	2772	1.708
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

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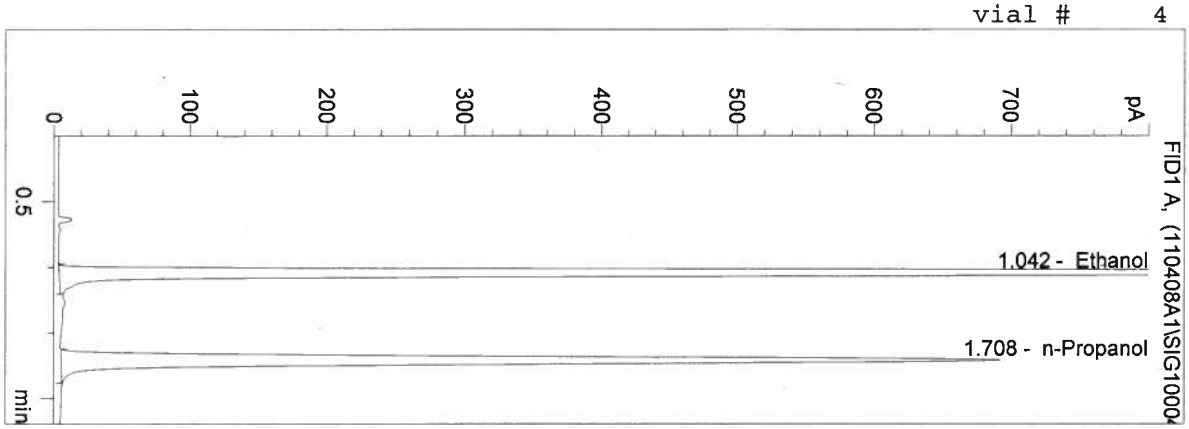
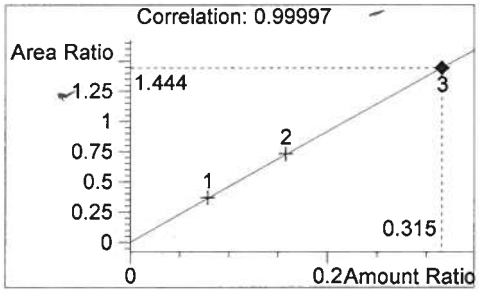
Instrument 1
DB-ALC1

0.316 cal 3
asa louis

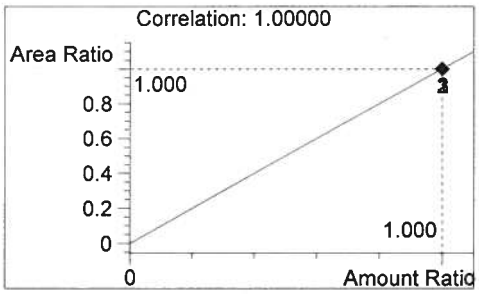
vial # 4



#	Compound	Area	RT
1	Ethanol	3878	1.042
2	n-Propanol	2686	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

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Instrument 1
DB-ALC1

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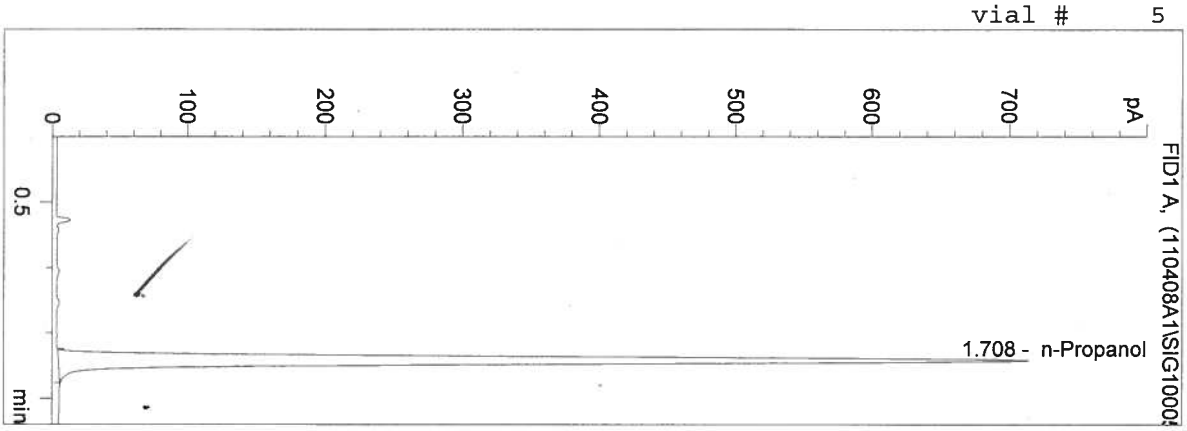
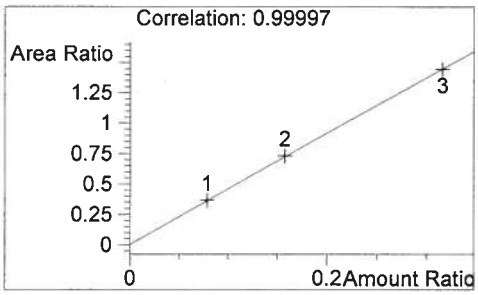
asa louis

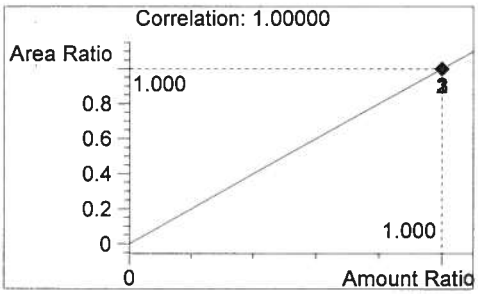
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2781	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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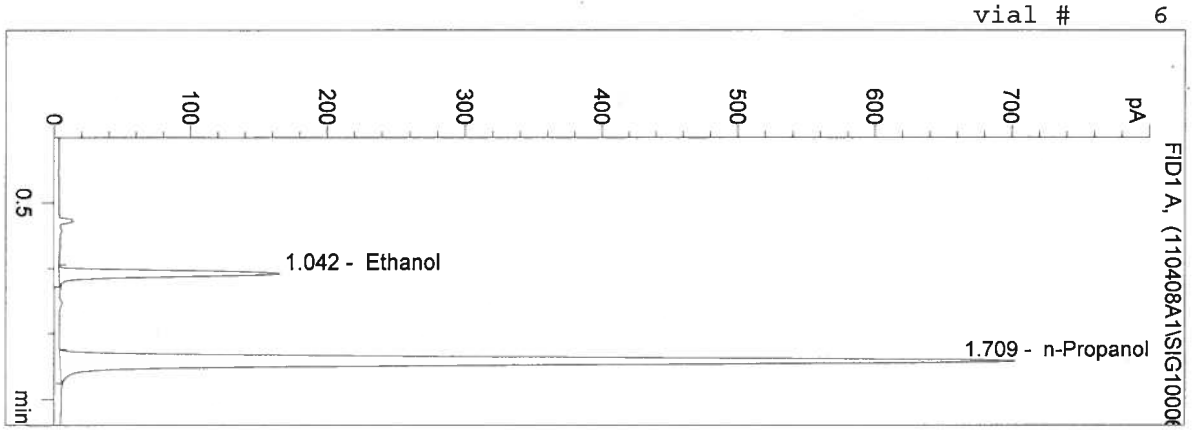
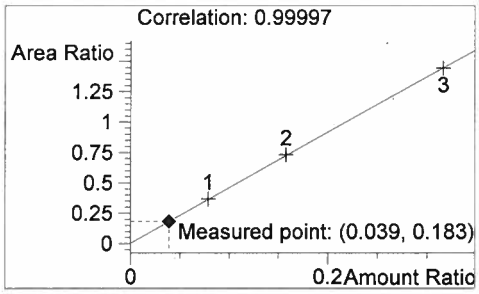
Instrument 1
DB-ALC1

0.04 ctrl al
asa louis

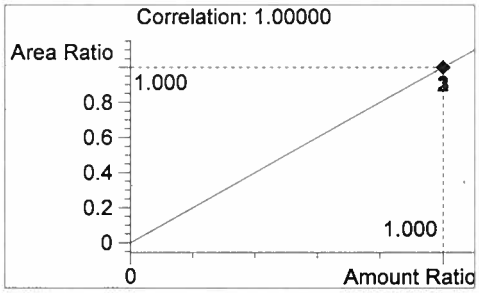
vial # 6



#	Compound	Area	RT
1	Ethanol	500	1.042
2	n-Propanol	2728	1.709
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

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Instrument 1
DB-ALC1

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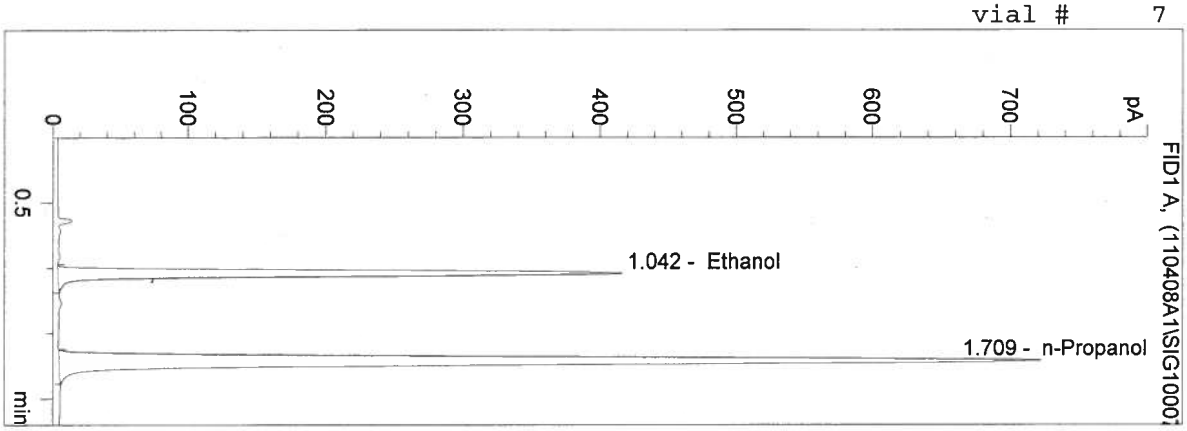
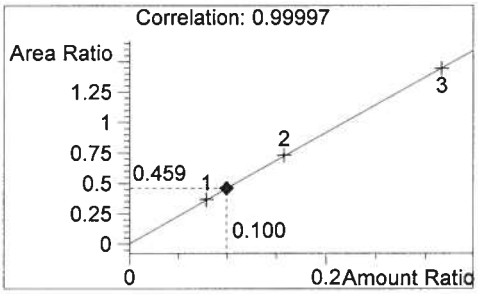
asa louis

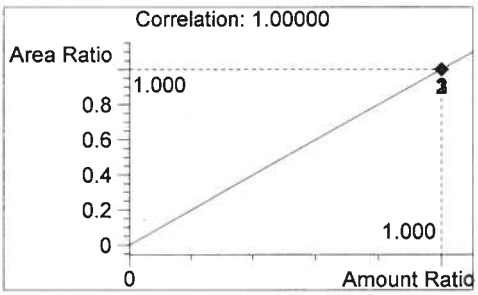
vial # 7



#	Compound	Area	RT
1	Ethanol	1288	1.042
2	n-Propanol	2806	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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Instrument 1
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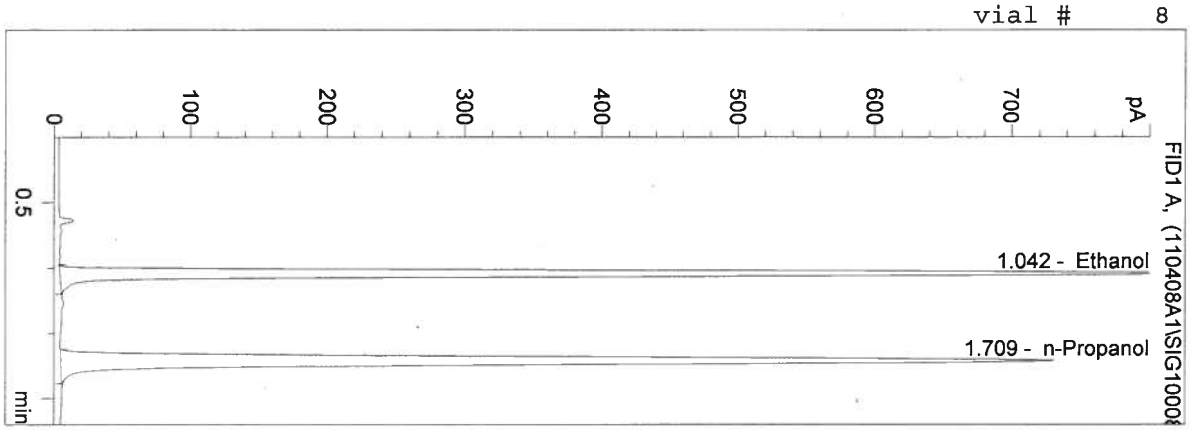
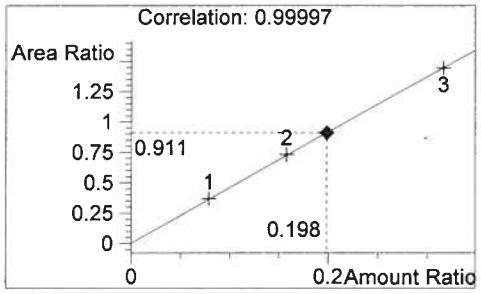
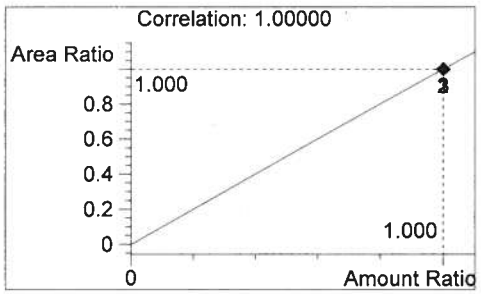
vial # 8



#	Compound	Area	RT
1	Ethanol	2583	1.042
2	n-Propanol	2837	1.709
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

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Instrument 1
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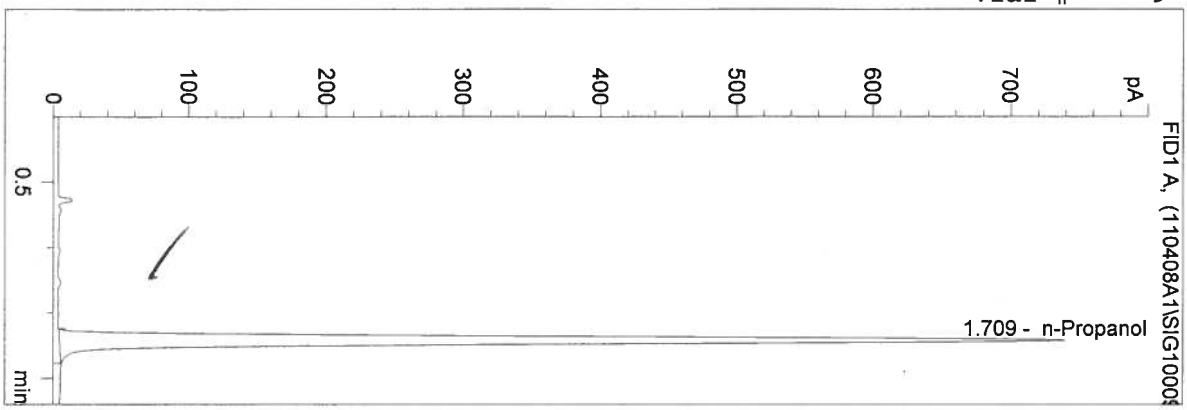
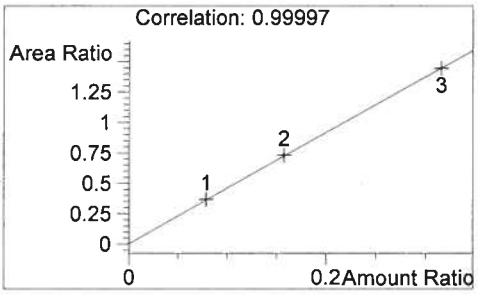
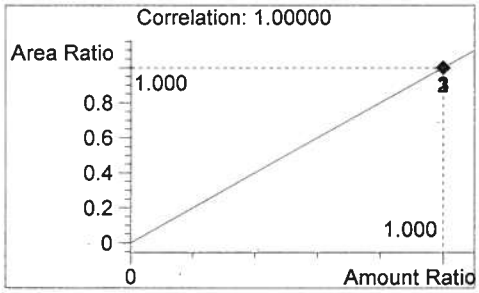
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2875	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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Instrument 1
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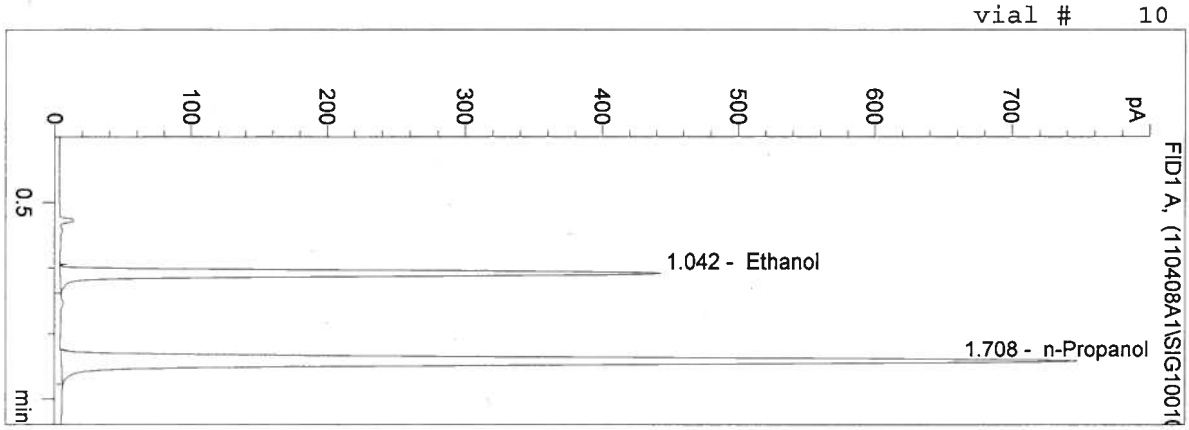
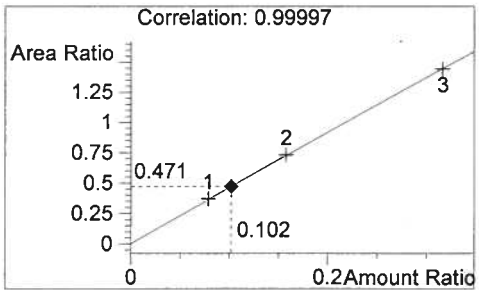
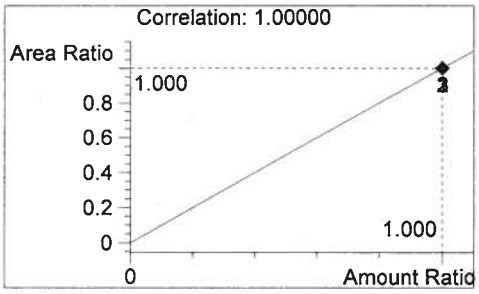
vial # 10



#	Compound	Area	RT
1	Ethanol	1367	1.042
2	n-Propanol	2905	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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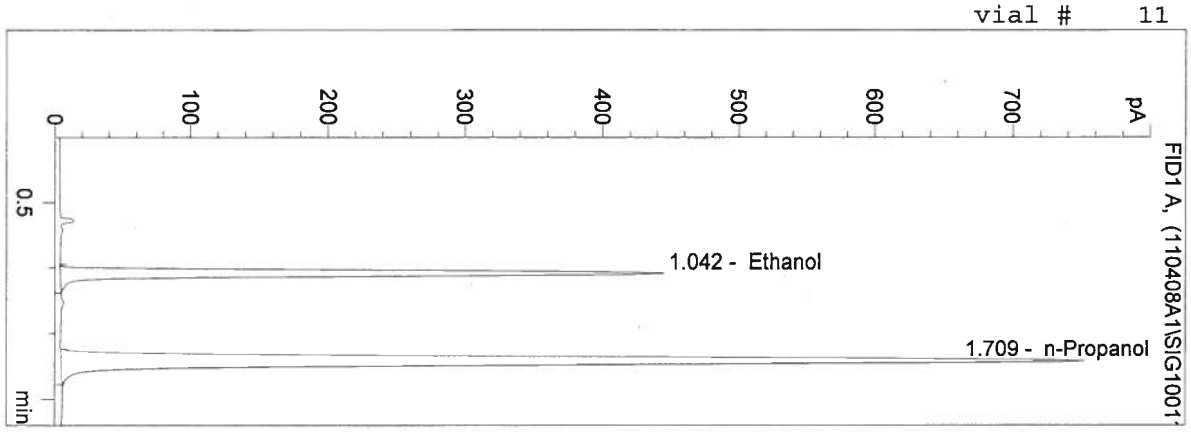
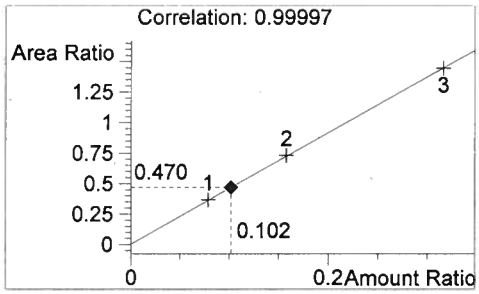
Instrument 1
DB-ALC1

11011 #2
asa louis

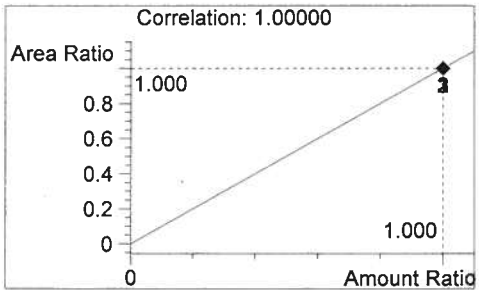
vial # 11



#	Compound	Area	RT
1	Ethanol	1376	1.042
2	n-Propanol	2926	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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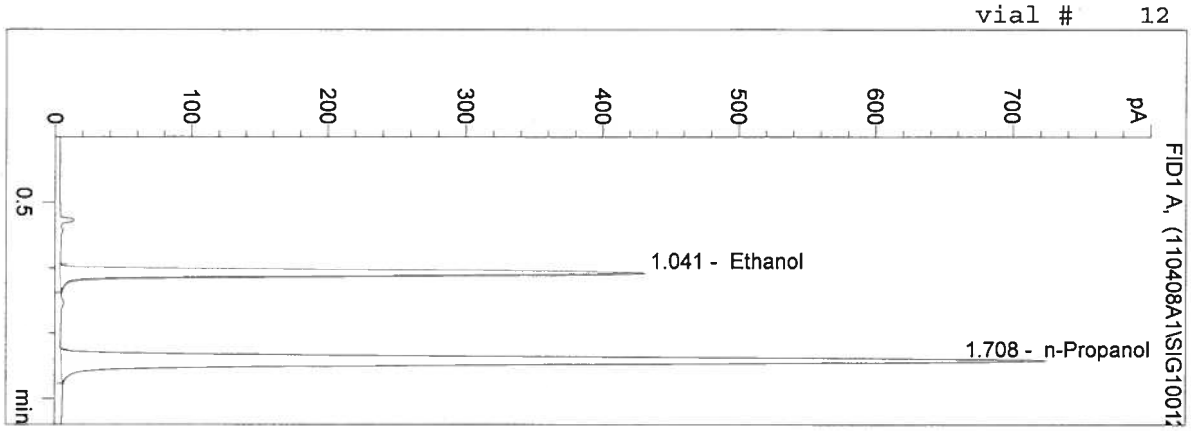
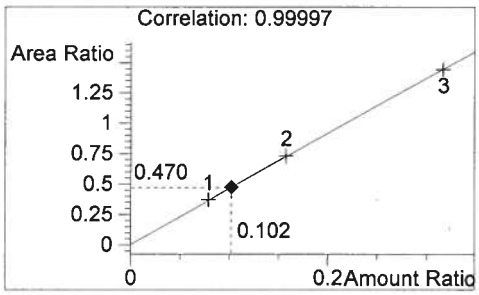
Instrument 1
DB-ALC1

11011 #3
asa louis

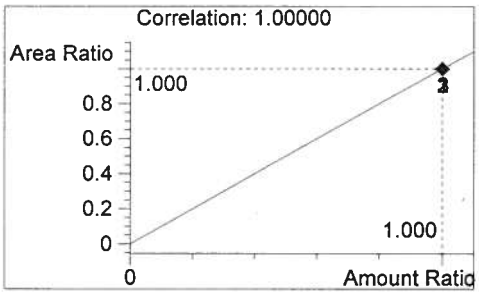
vial # 12



#	Compound	Area	RT
1	Ethanol	1321	1.041
2	n-Propanol	2809	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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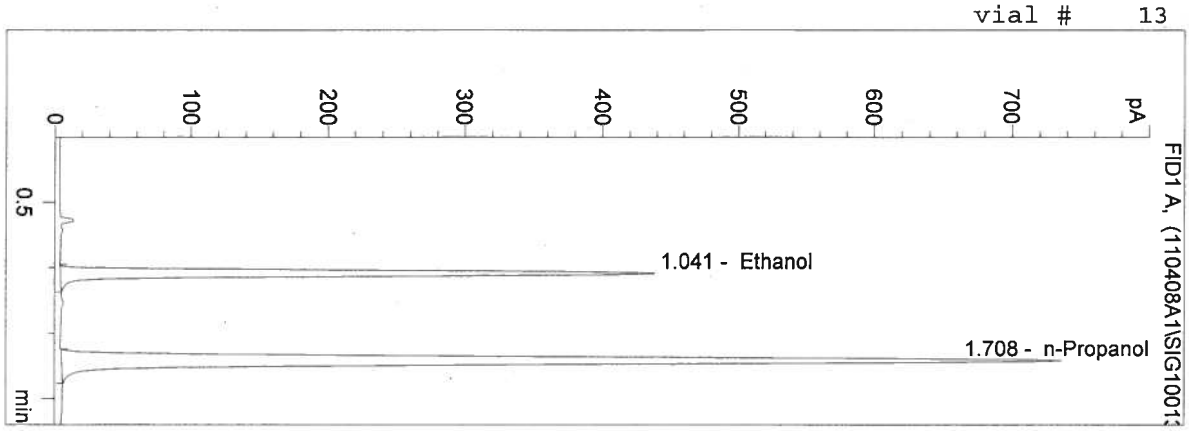
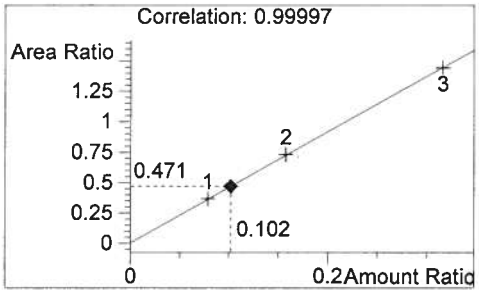
Instrument 1
DB-ALC1

11011 #4
asa louis

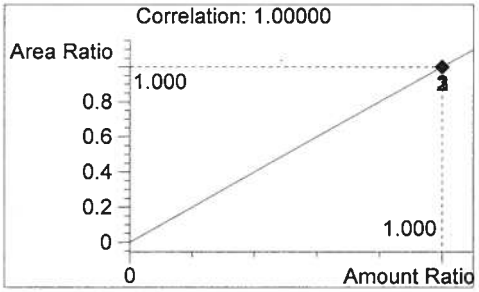
vial # 13



#	Compound	Area	RT
1	Ethanol	1342	1.041
2	n-Propanol	2850	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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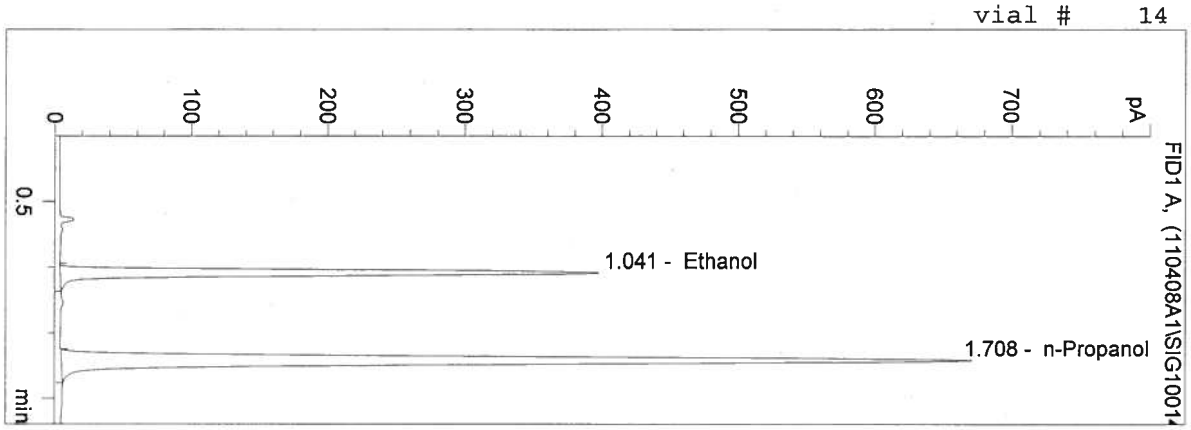
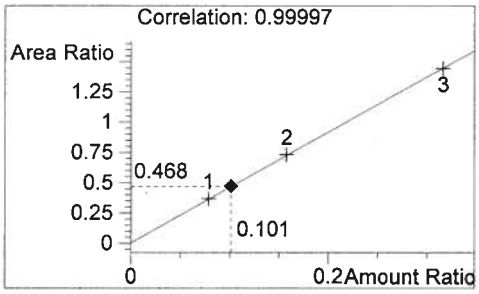
Instrument 1 asa louis
DB-ALC1

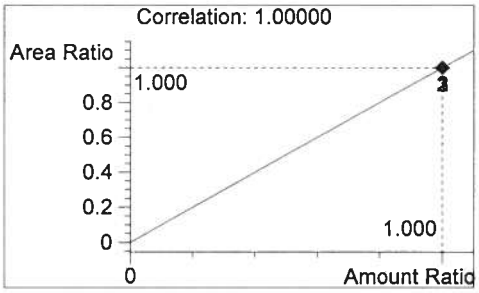
vial # 14



#	Compound	Area	RT
1	Ethanol	1214	1.041
2	n-Propanol	2597	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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Instrument 1
DB-ALC1

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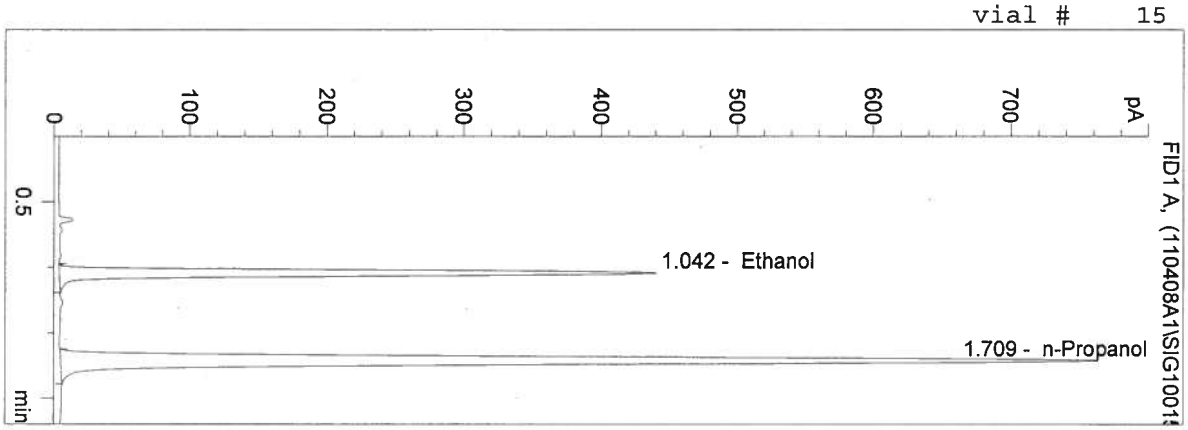
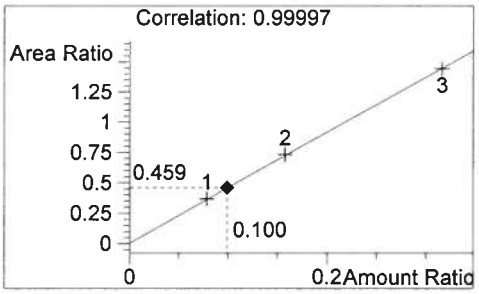
asa louis

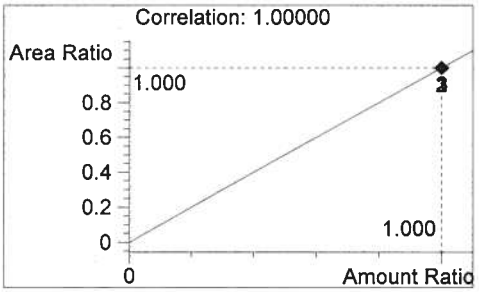
vial # 15



#	Compound	Area	RT
1	Ethanol	1365	1.042
2	n-Propanol	2974	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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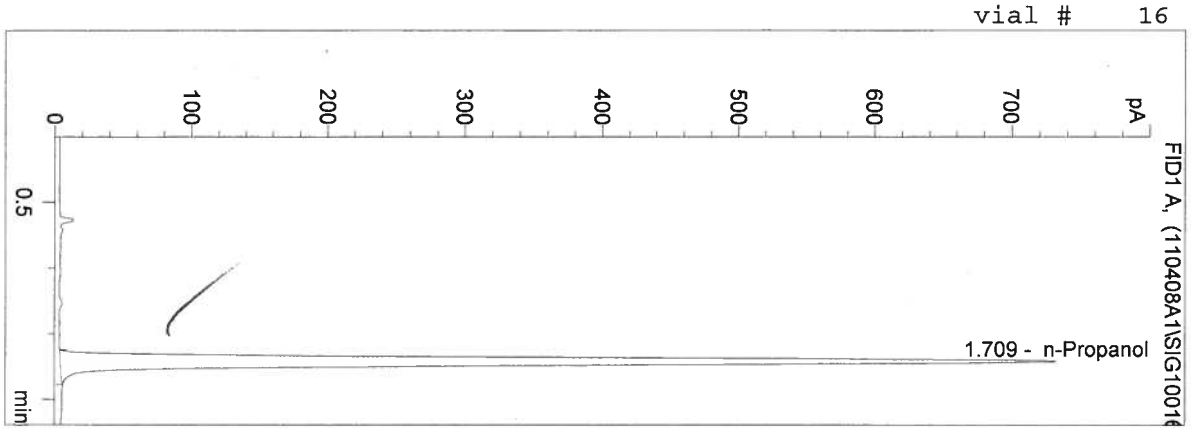
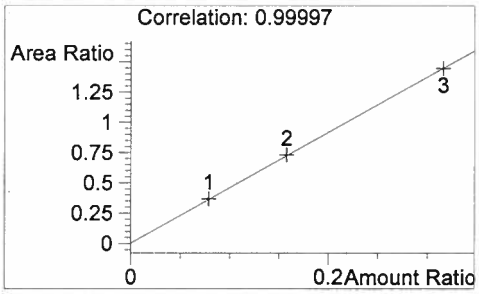
Instrument 1
DB-ALC1

neg control - al
asa louis

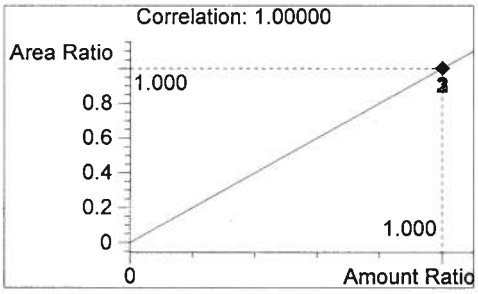
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2851	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

AL
20110408
AL 20110414

11011

Sequence Parameters:

Operator:	Chris Johnston
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:	110408CJ
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-CJ	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-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 11011 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 11011 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 11011 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 11011 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 11011 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	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	

11011

Sequence Table (Back Injector):

No entries - empty table!

11011

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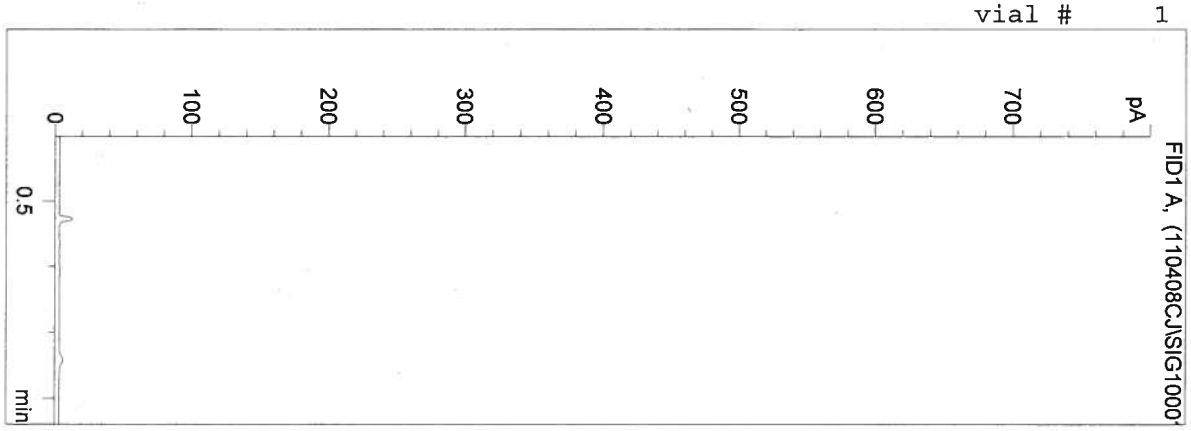
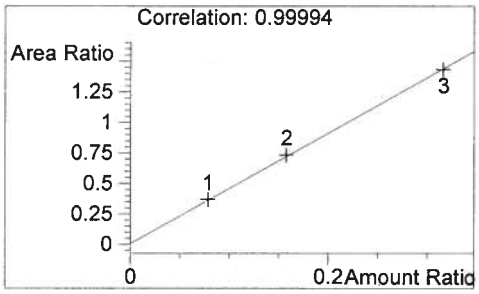
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 3:54:14 PM
Instrument 1
DB-ALC1

BLANK-CJ
Chris Johnston

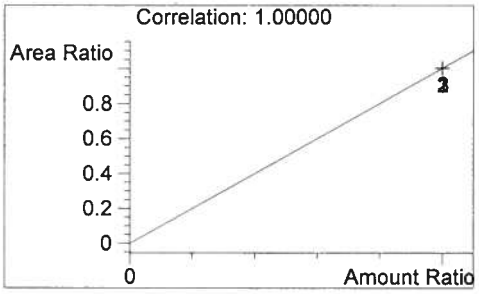
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11011

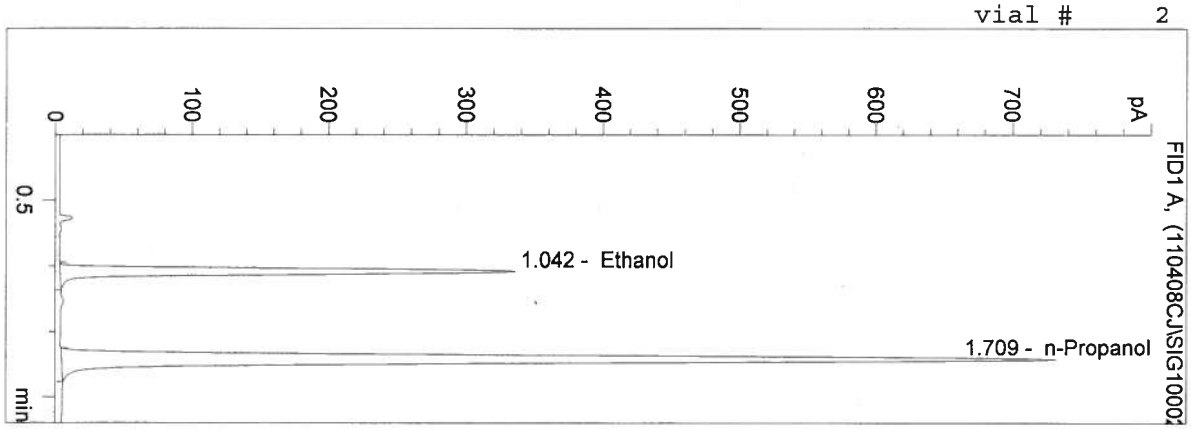
Q

WASHINGTON STATE TOXICOLOGY LABORATORY

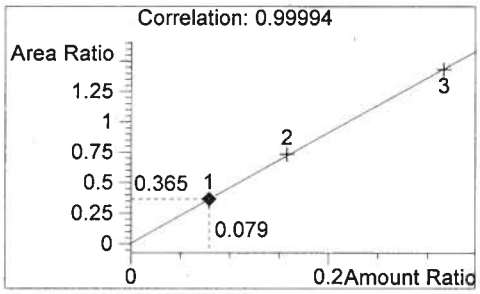
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 3:57:18 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Chris Johnston

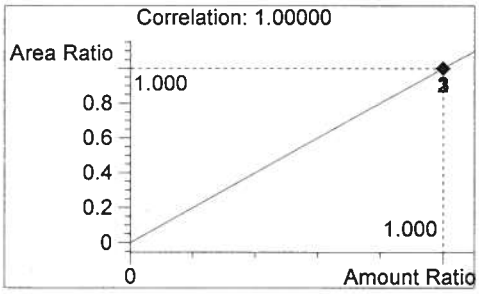
vial # 2



#	Compound	Area	RT
1	Ethanol	1035	1.042
2	n-Propanol	2838	1.709
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11011

Q

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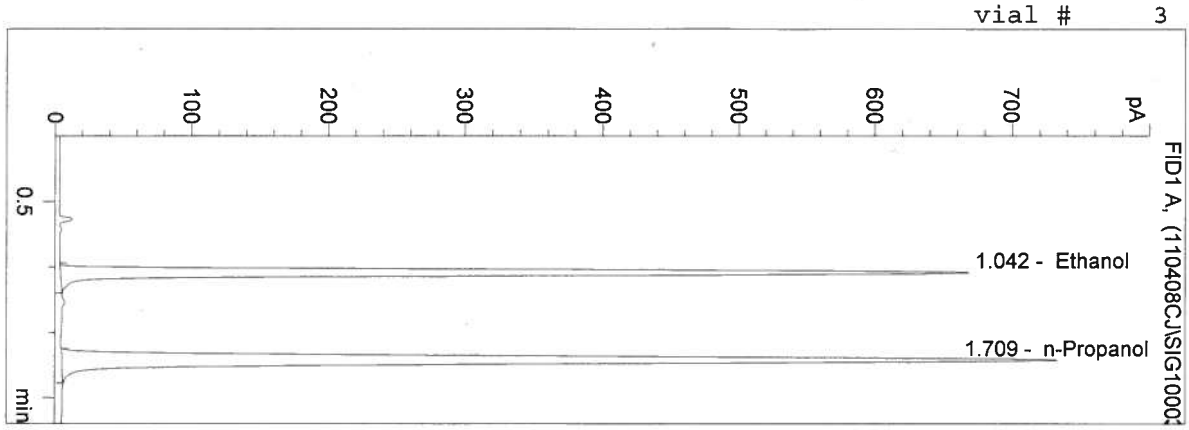
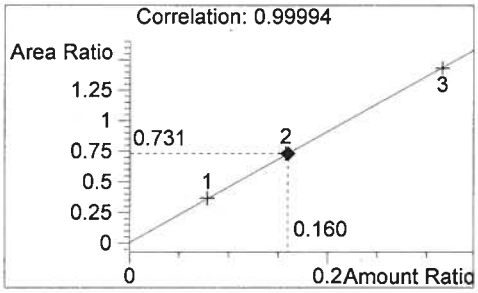
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 4:00:23 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Chris Johnston

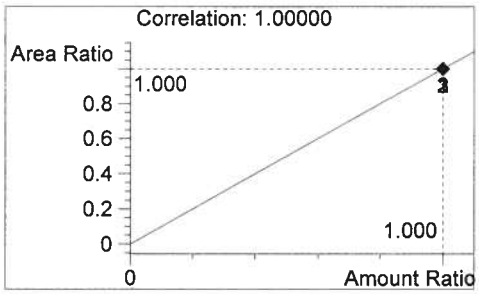
vial # 3



#	Compound	Area	RT
1	Ethanol	2083	1.042
2	n-Propanol	2851	1.709
Tot			



Ethanol 0.160 g/100 mL



n-Propanol 1.000 g/100 mL

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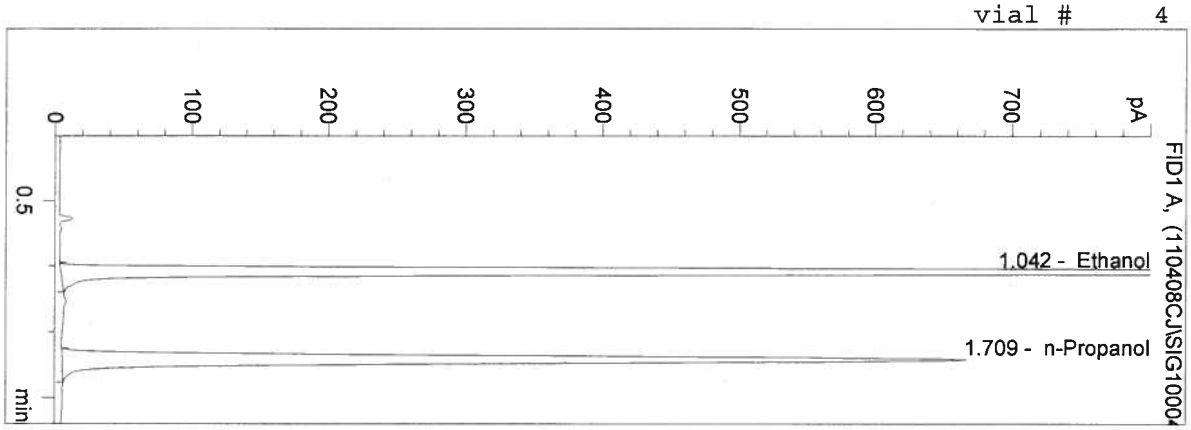
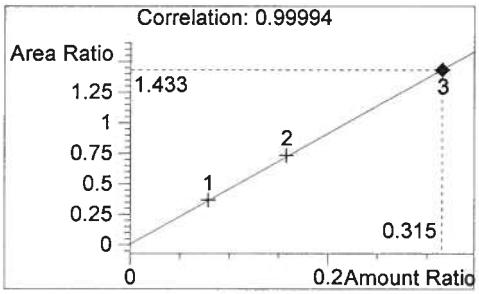
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 4:03:28 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Chris Johnston

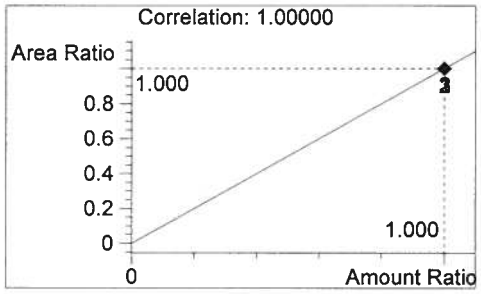
vial # 4



#	Compound	Area	RT
1	Ethanol	3702	1.042
2	n-Propanol	2582	1.709
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

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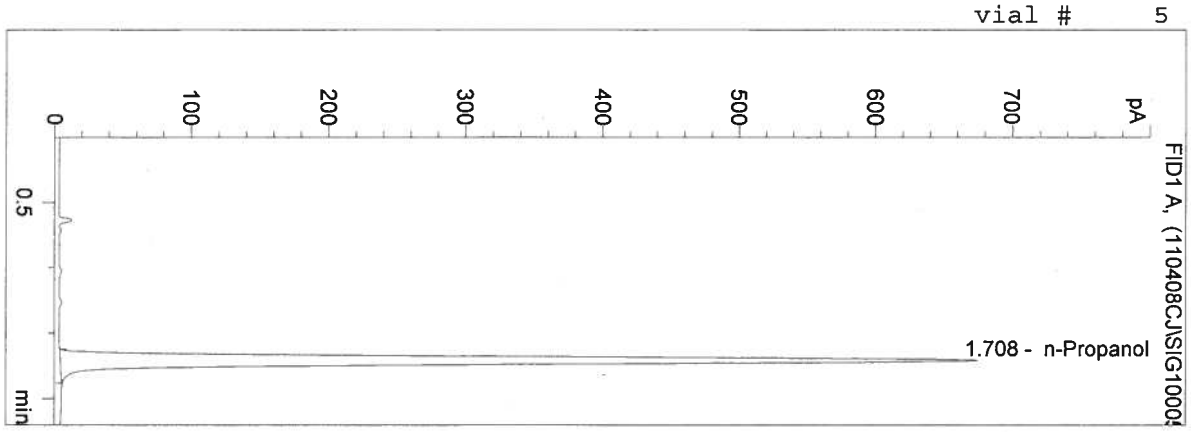
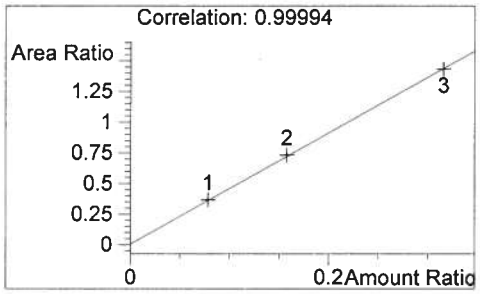
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

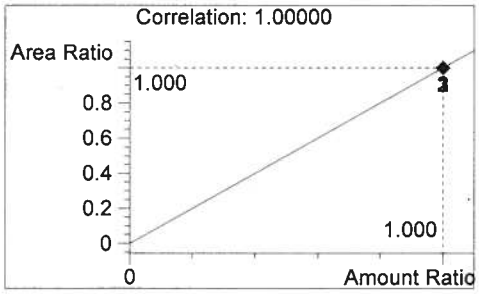
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2617	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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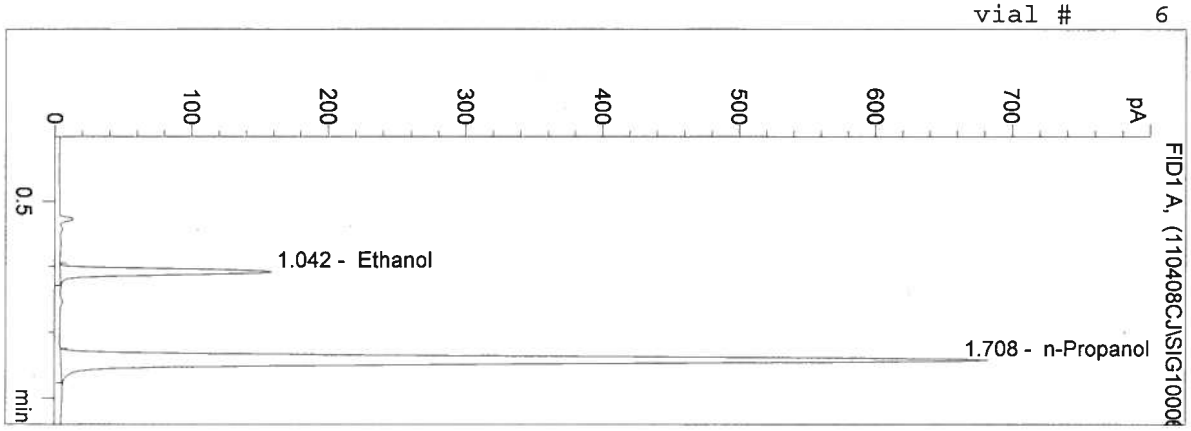
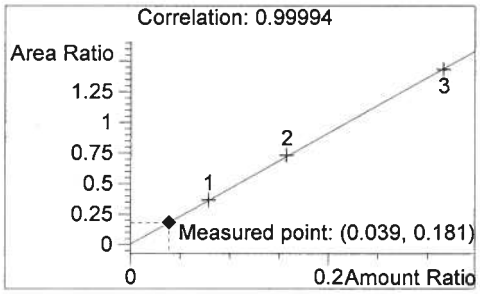
4/8/2011 4:09:37 PM
Instrument 1
DB-ALC1

0.04 CTRL-CJ
Chris Johnston

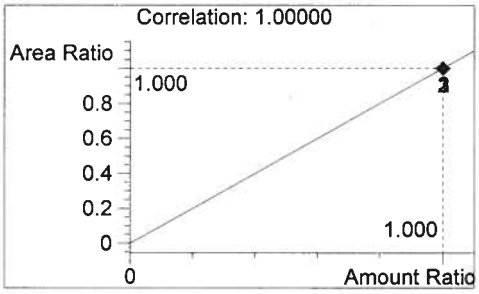
vial # 6



#	Compound	Area	RT
1	Ethanol	480	1.042
2	n-Propanol	2653	1.708
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

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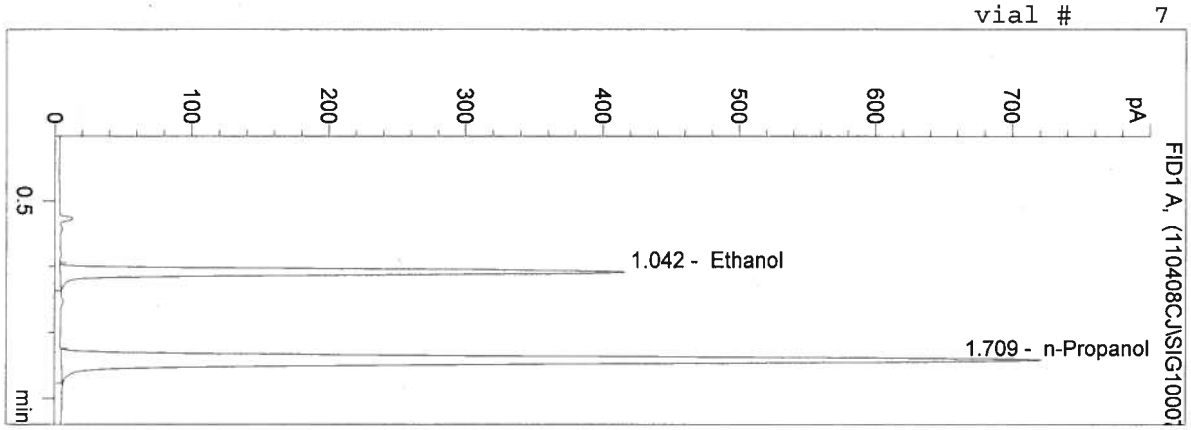
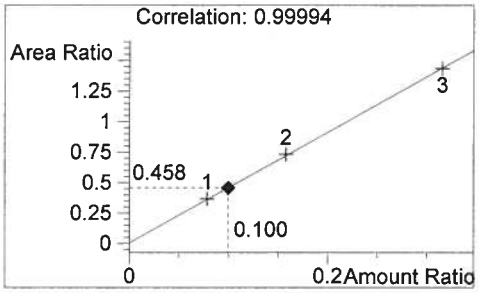
4/8/2011 4:12:42 PM
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

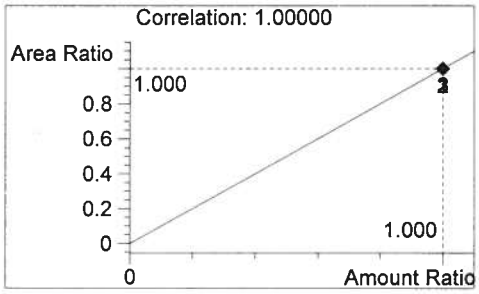
vial # 7



#	Compound	Area	RT
1	Ethanol	1286	1.042
2	n-Propanol	2805	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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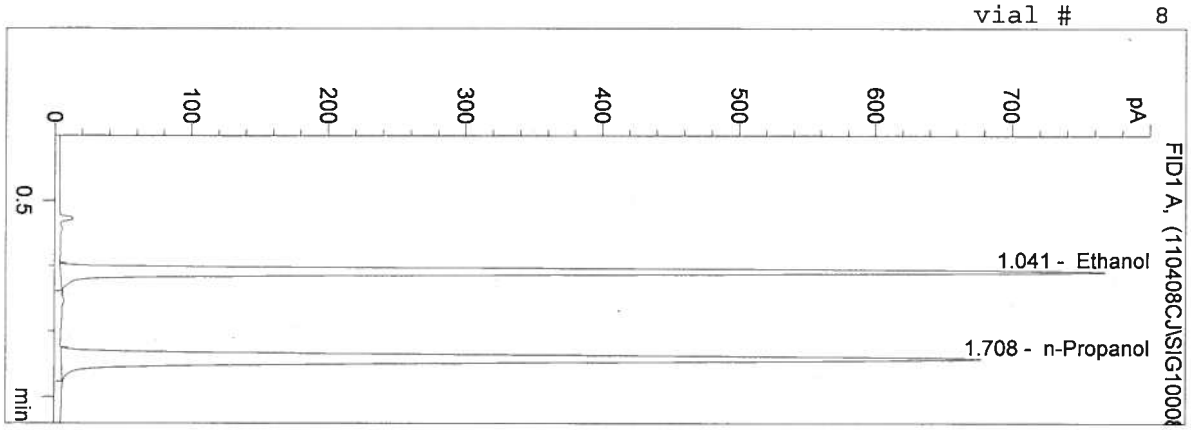
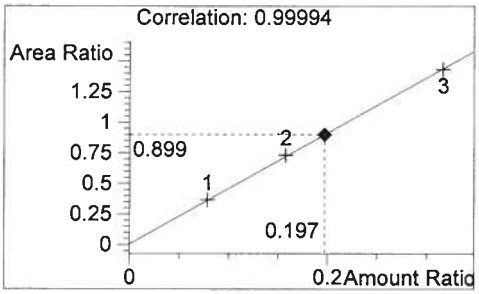
4/8/2011 4:15:47 PM
Instrument 1
DB-ALC1

0.20 CTRL-CJ
Chris Johnston

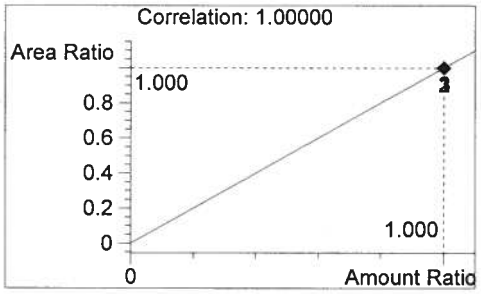
vial # 8



#	Compound	Area	RT
1	Ethanol	2366	1.041
2	n-Propanol	2630	1.708
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

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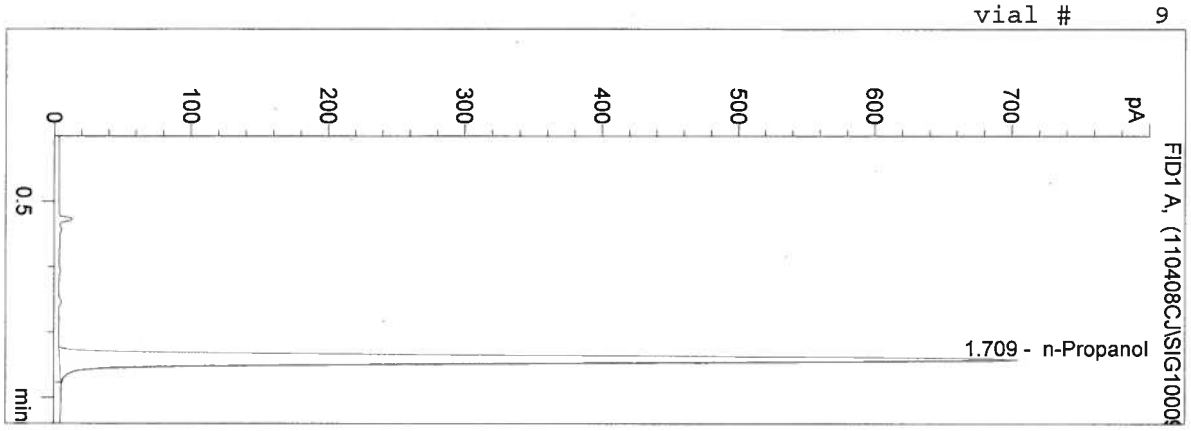
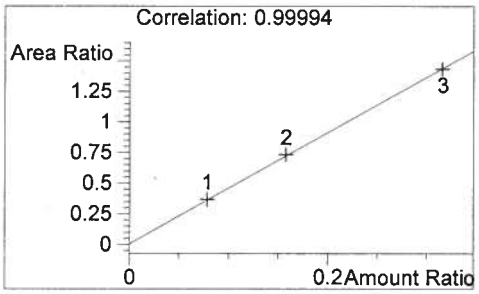
4/8/2011 4:18:52 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

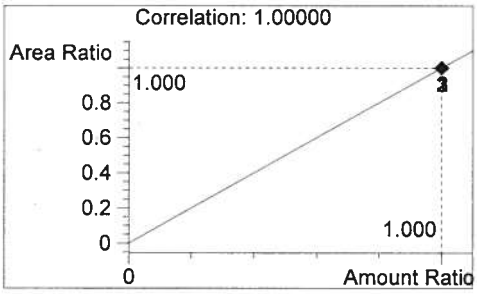
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2731	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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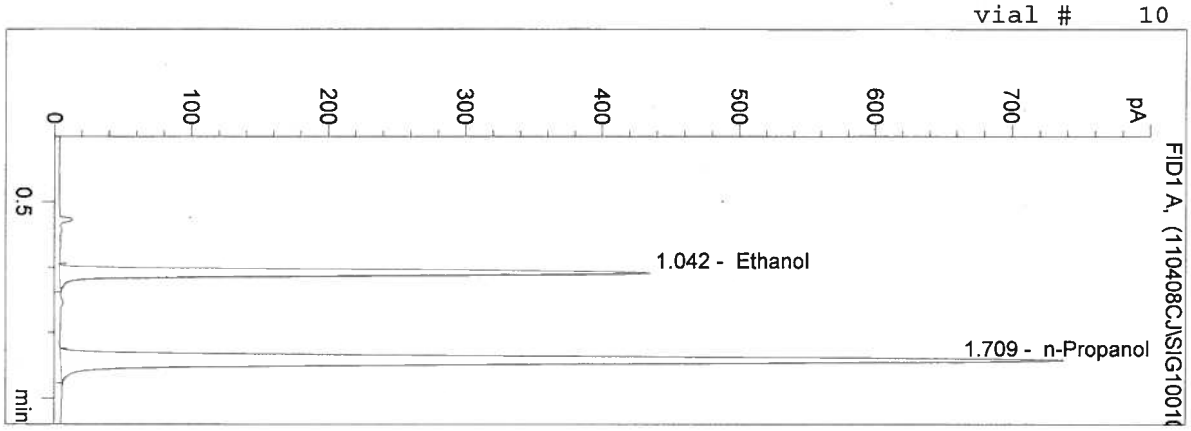
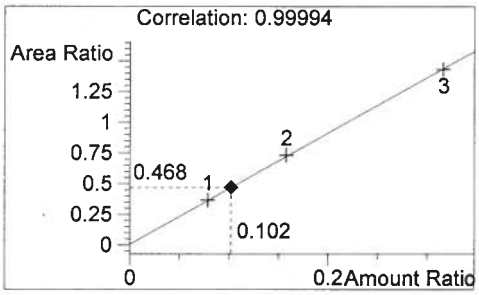
4/8/2011 4:21:56 PM
Instrument 1
DB-ALC1

ESS 11011 #1
Chris Johnston

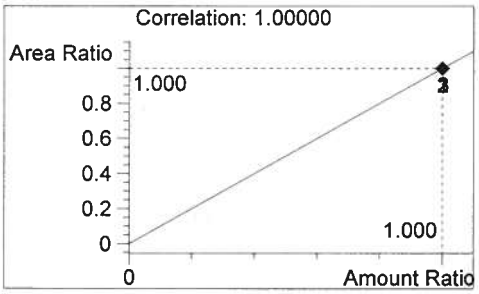
vial # 10



#	Compound	Area	RT
1	Ethanol	1340	1.042
2	n-Propanol	2862	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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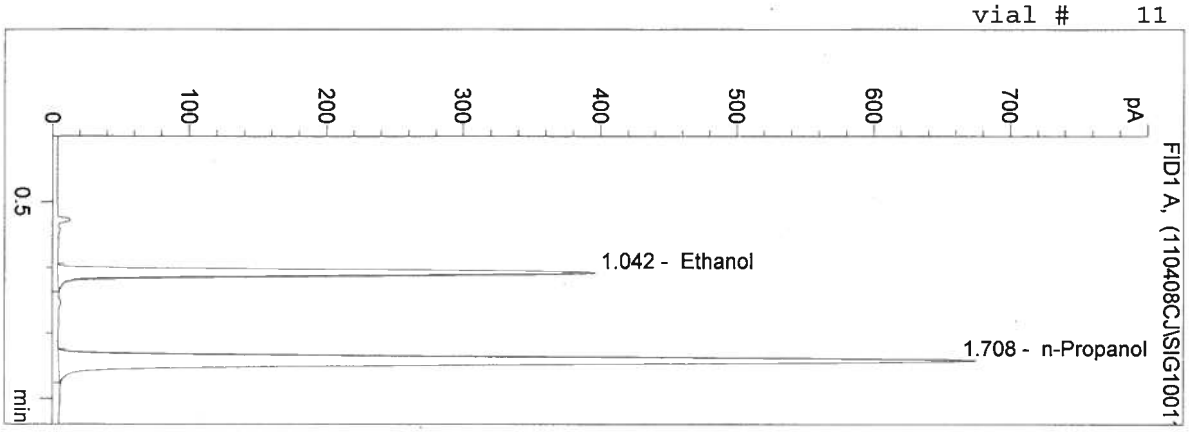
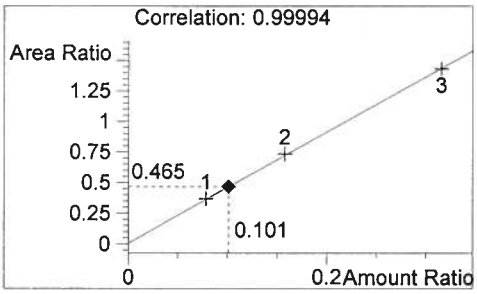
4/8/2011 4:25:01 PM
Instrument 1
DB-ALC1

ESS 11011 #2
Chris Johnston

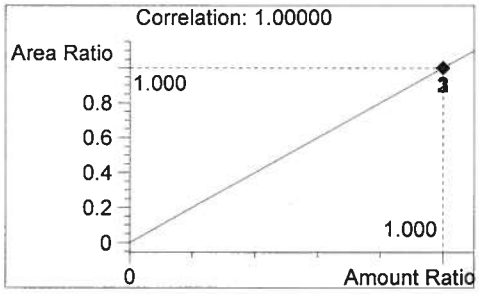
vial # 11



#	Compound	Area	RT
1	Ethanol	1218	1.042
2	n-Propanol	2618	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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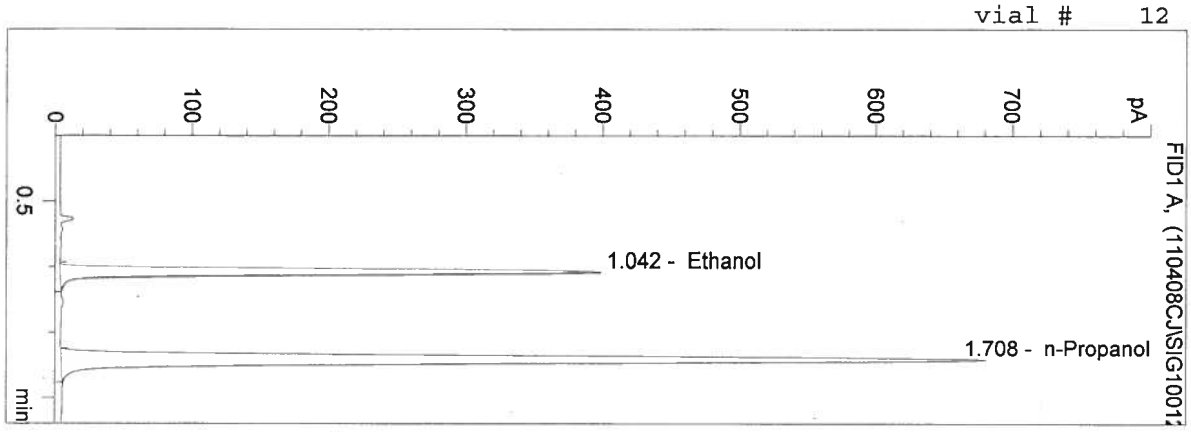
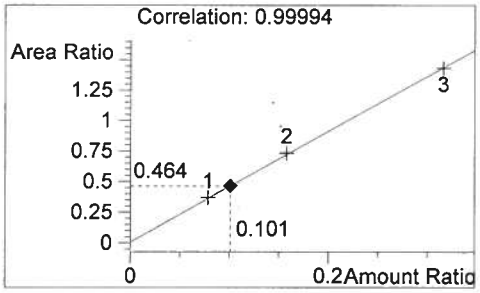
4/8/2011 4:28:06 PM
Instrument 1
DB-ALC1

ESS 11011 #3
Chris Johnston

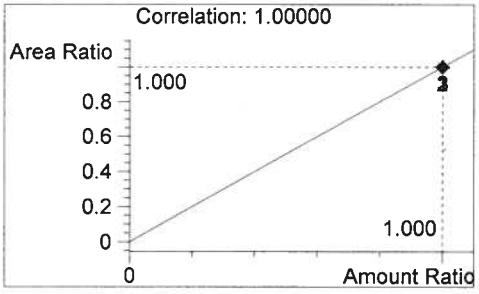
vial # 12



#	Compound	Area	RT
1	Ethanol	1228	1.042
2	n-Propanol	2648	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

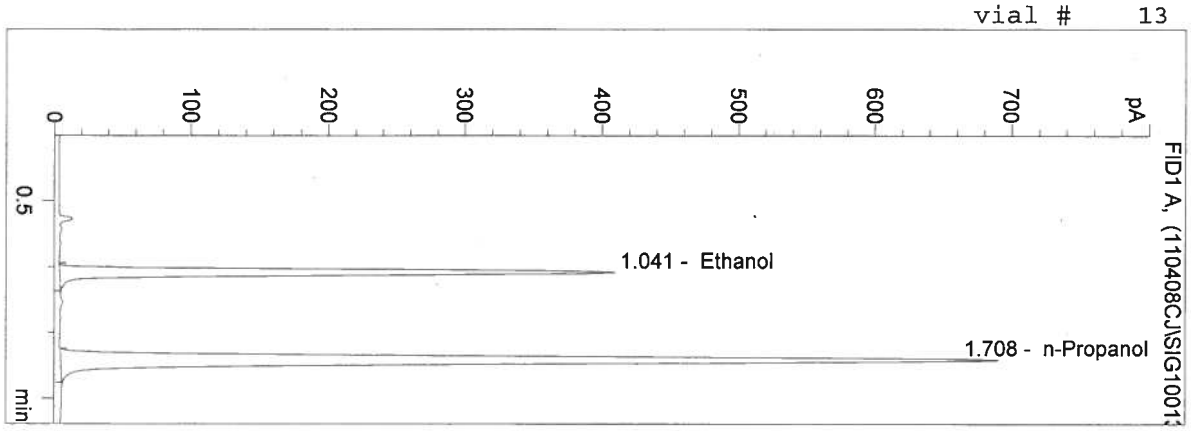
QJ

WASHINGTON STATE TOXICOLOGY LABORATORY

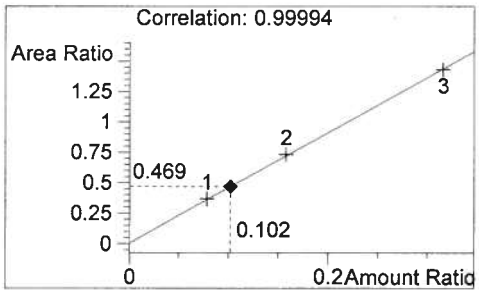
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 4:31:11 PM
Instrument 1
DB-ALC1

ESS 11011 #4
Chris Johnston

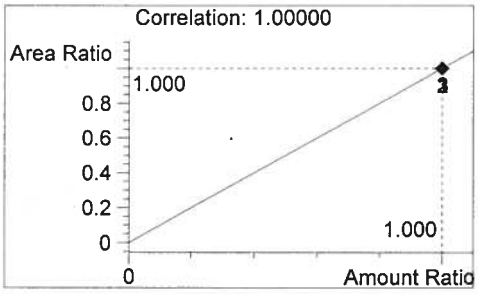
vial # 13



#	Compound	Area	RT
1	Ethanol	1254	1.041
2	n-Propanol	2676	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

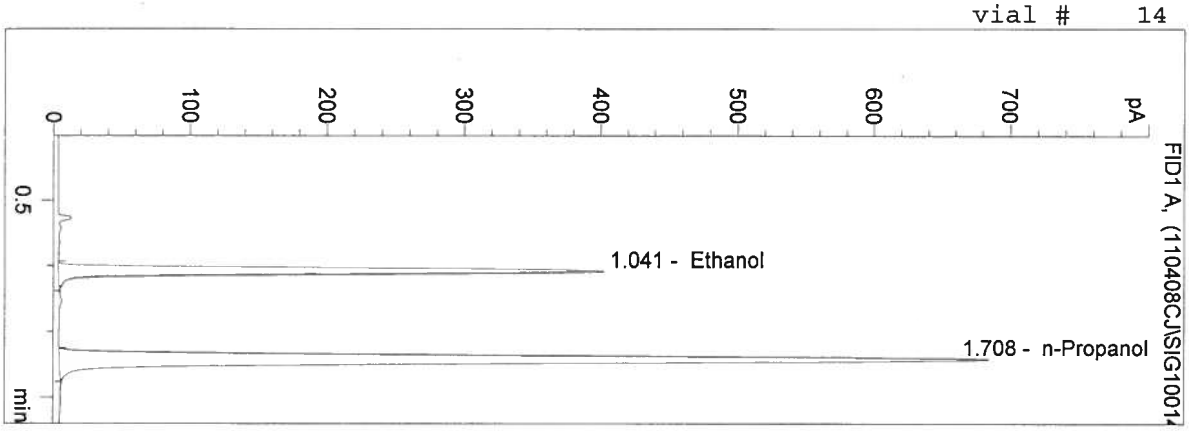
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

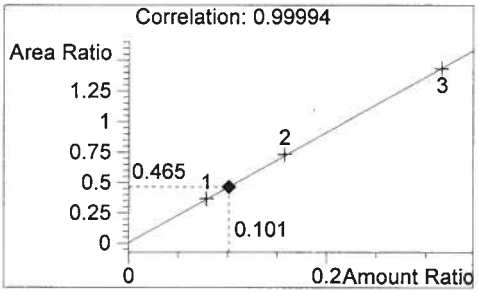
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 4:34:16 PM
Instrument 1
DB-ALC1

ESS 11011 #5
Chris Johnston

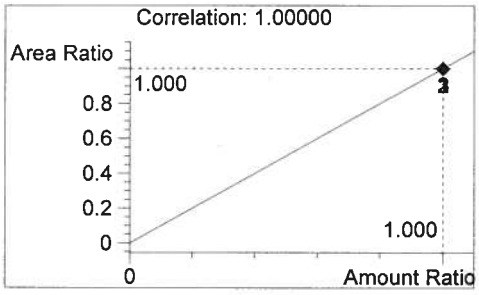
vial # 14



#	Compound	Area	RT
1	Ethanol	1233	1.041
2	n-Propanol	2653	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

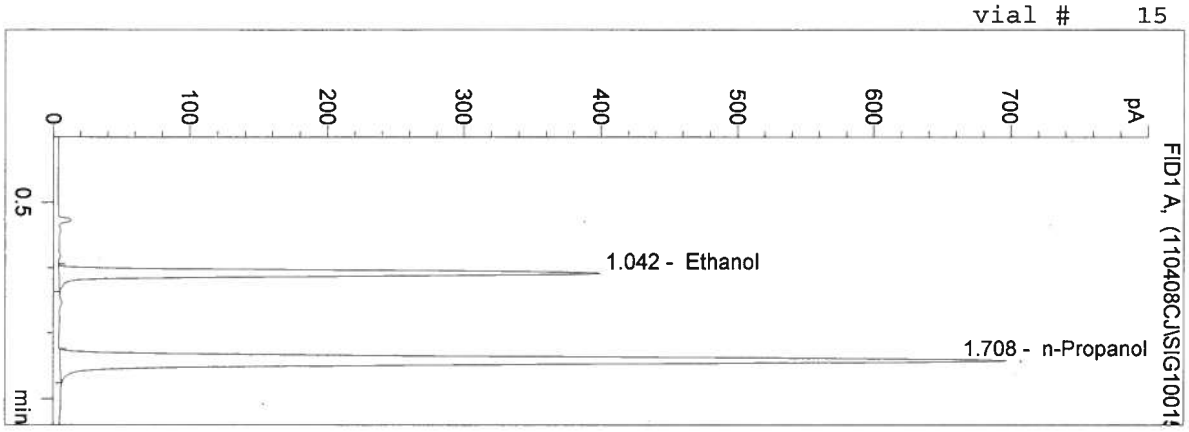
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

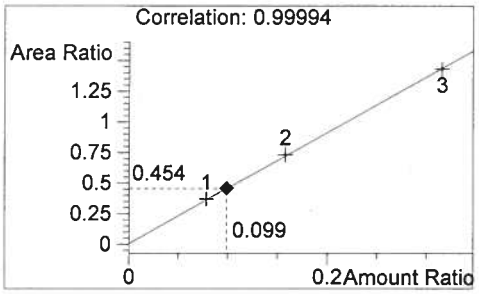
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 4:37:20 PM
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

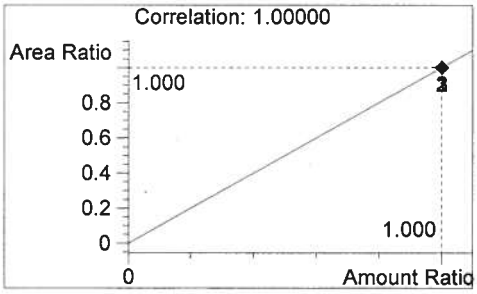
vial # 15



#	Compound	Area	RT
1	Ethanol	1229	1.042
2	n-Propanol	2704	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11011

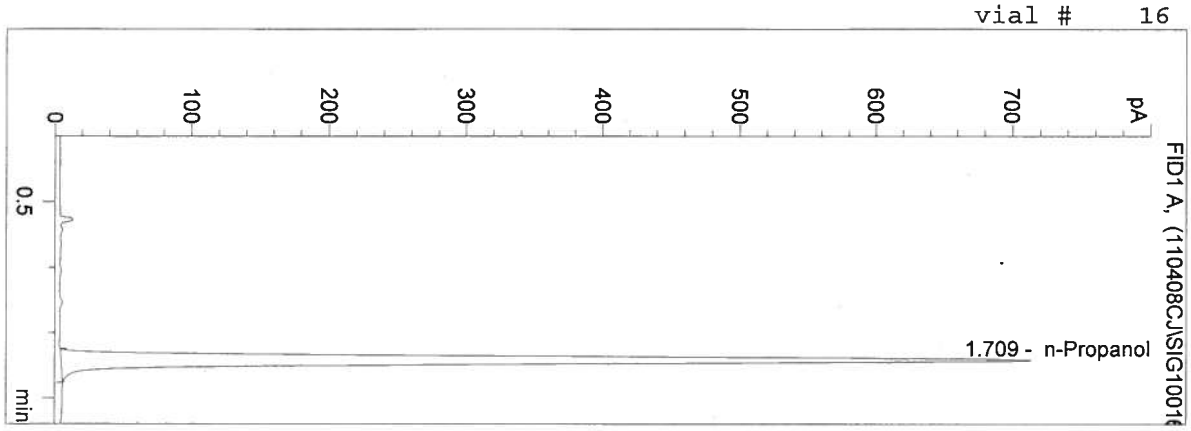
a/

WASHINGTON STATE TOXICOLOGY LABORATORY

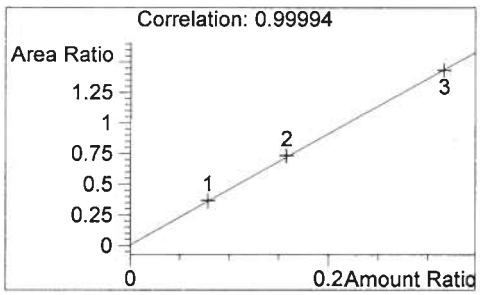
C:\HPCHEM\1\METHODS\SIMALC1.M
4/8/2011 4:40:25 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

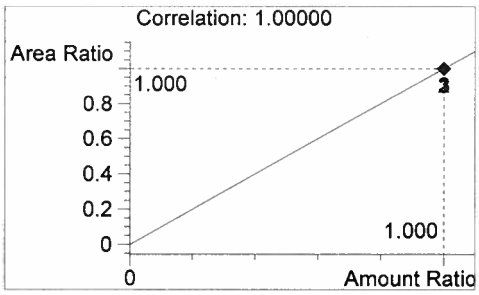
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2770	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

CJ

Sequence Parameters:

Operator:	Dawn Cox
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:	110411DC
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-DC	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-DC	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-DC	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-DC	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		
10	Vial 10	11011 #1	SIMALC1	1	Sample		
11	Vial 11	11011 #2	SIMALC1	1	Sample		
12	Vial 12	11011 #3	SIMALC1	1	Sample		
13	Vial 13	11011 #4	SIMALC1	1	Sample		
14	Vial 14	11011 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-DC	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-DC	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	

11011

Sequence Table (Back Injector):

No entries - empty table!

DC

11011

DC

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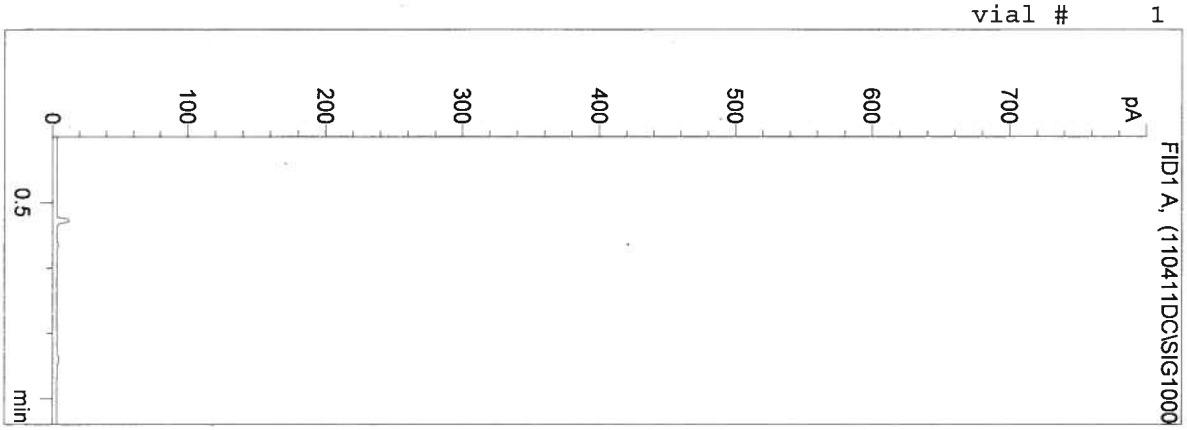
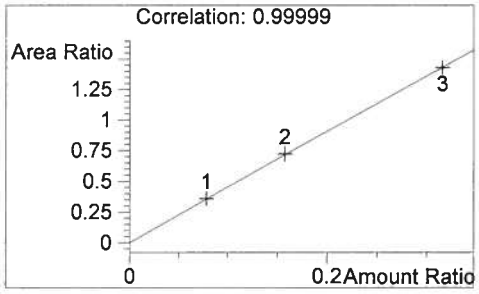
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 9:42:35 AM
Instrument 1
DB-ALC1

BLANK
Dawn Cox

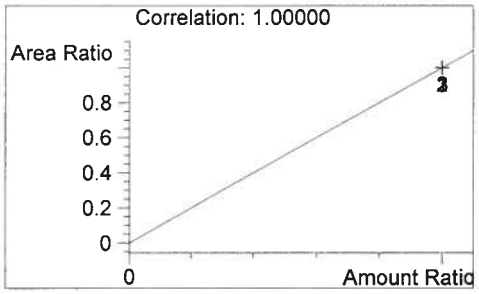
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11011

DC

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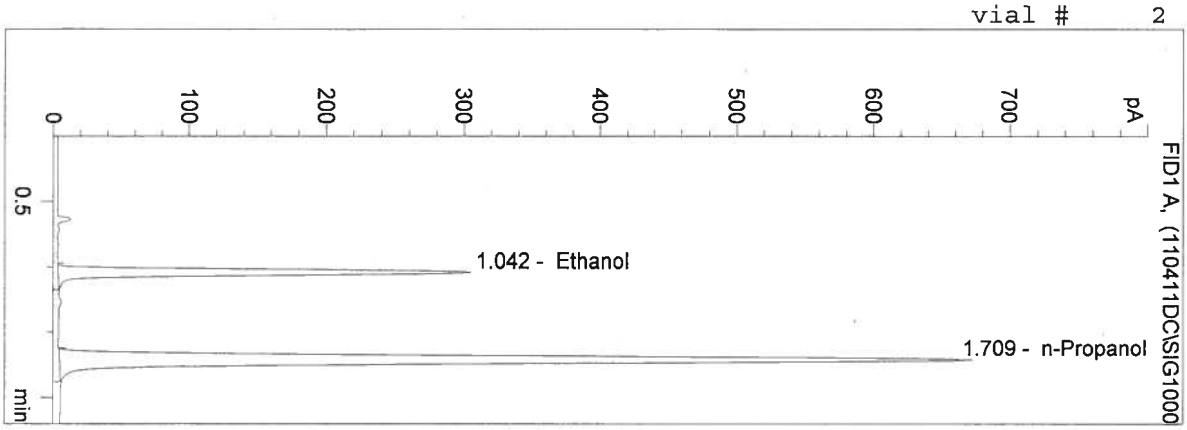
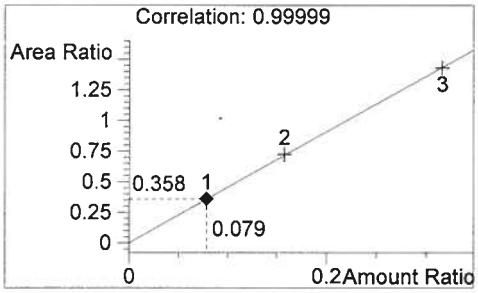
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 9:45:39 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Dawn Cox

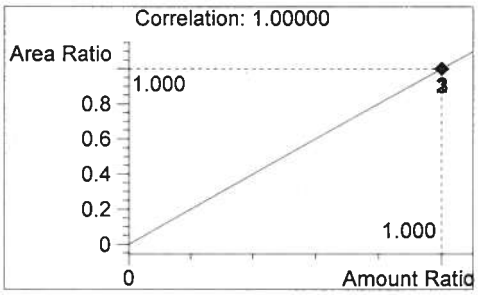
vial # 2



#	Compound	Area	RT
1	Ethanol	937	1.042
2	n-Propanol	2613	1.709
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11011

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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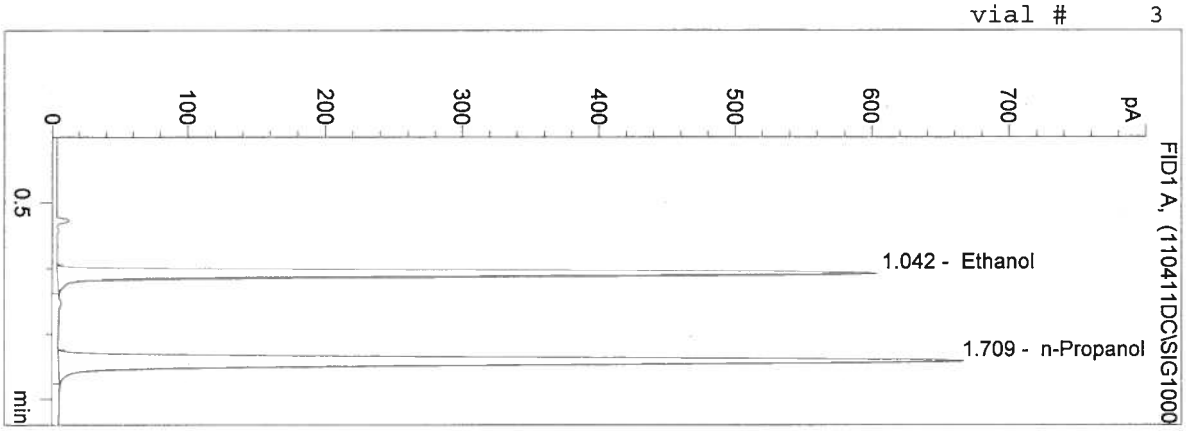
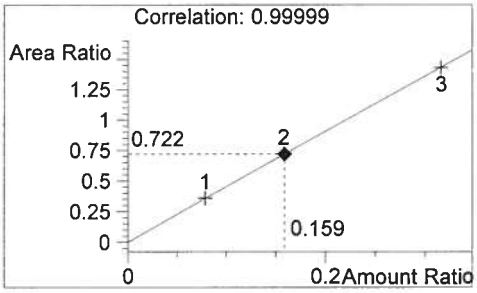
4/11/2011 9:48:44 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Dawn Cox

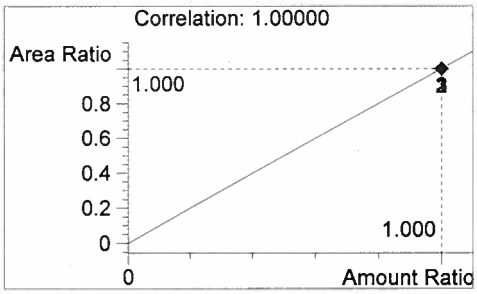
vial # 3



#	Compound	Area	RT
1	Ethanol	1869	1.042
2	n-Propanol	2589	1.709
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11011

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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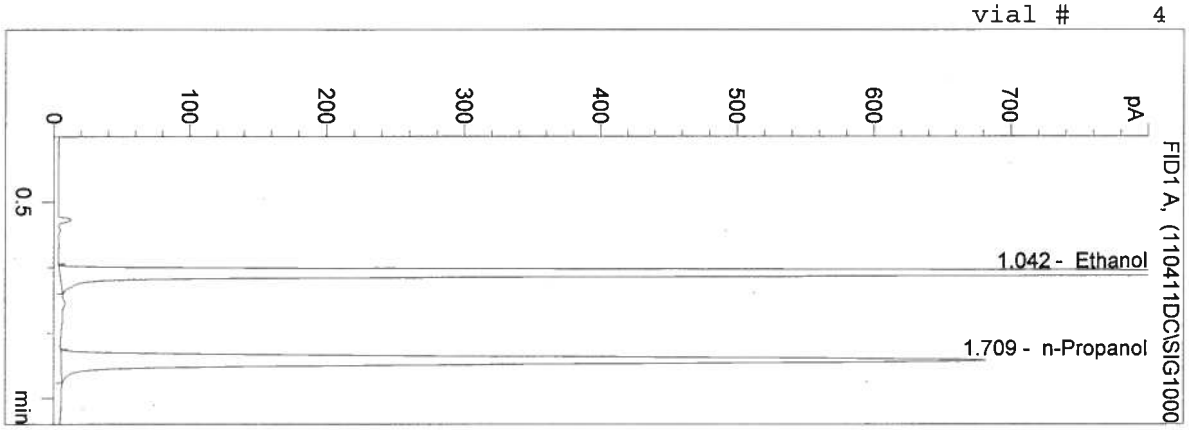
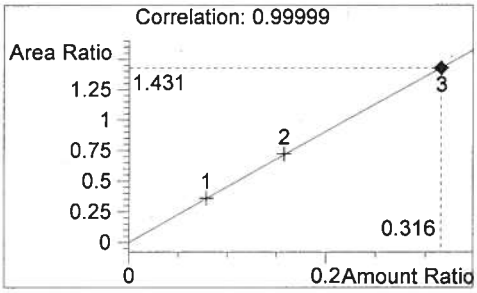
4/11/2011 9:51:49 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Dawn Cox

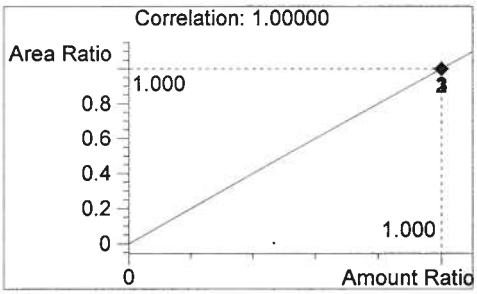
vial # 4



#	Compound	Area	RT
1	Ethanol	3788	1.042
2	n-Propanol	2647	1.709
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11011

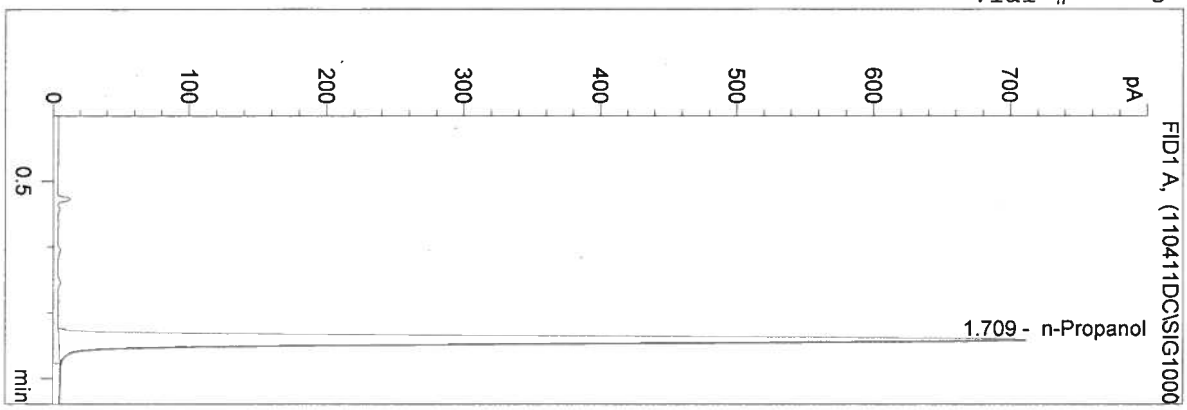
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

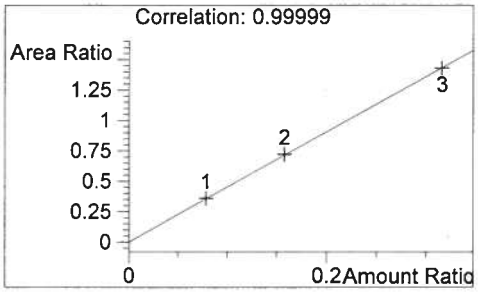
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 9:54:45 AM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

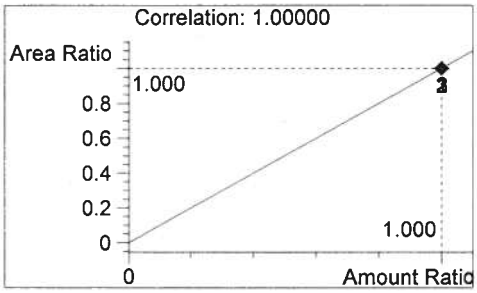
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2773	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

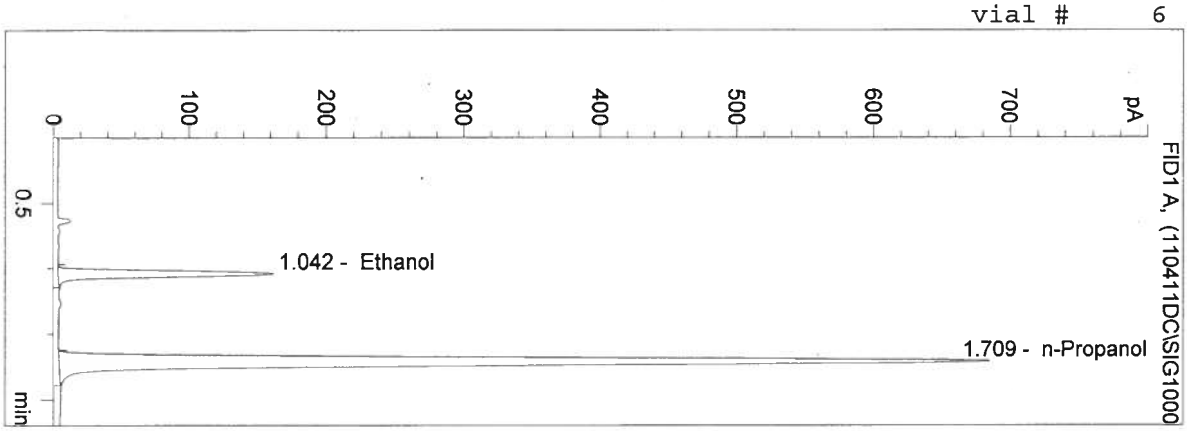
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

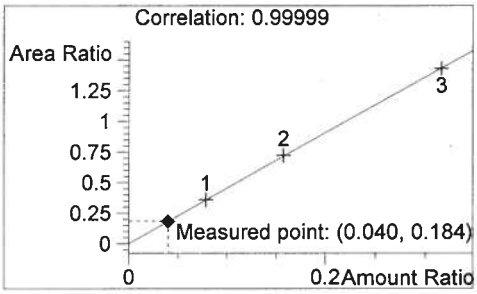
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 9:57:49 AM
Instrument 1
DB-ALC1

0.04 CTRL-DC
Dawn Cox

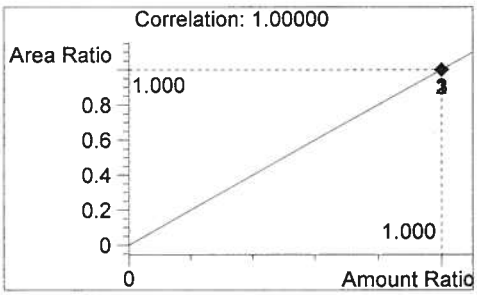
vial # 6



#	Compound	Area	RT
1	Ethanol	491	1.042
2	n-Propanol	2673	1.709
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

11011

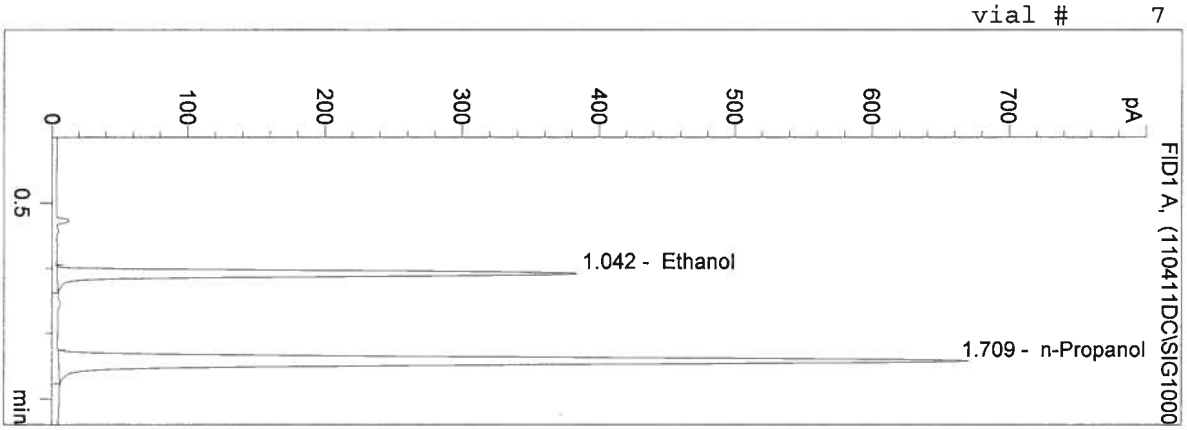
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

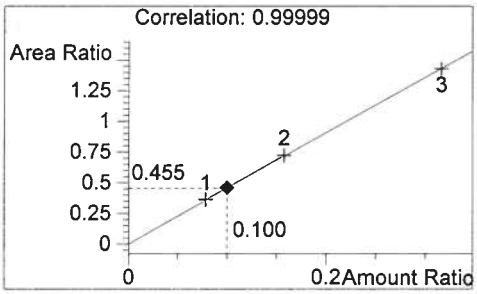
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 10:00:54 AM
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

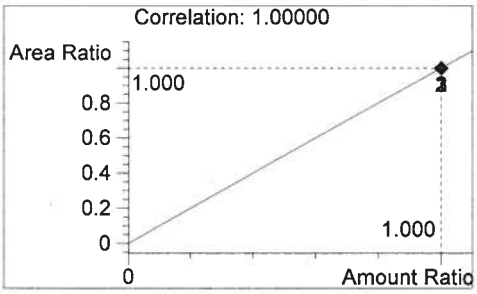
vial # 7



#	Compound	Area	RT
1	Ethanol	1185	1.042
2	n-Propanol	2603	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11011

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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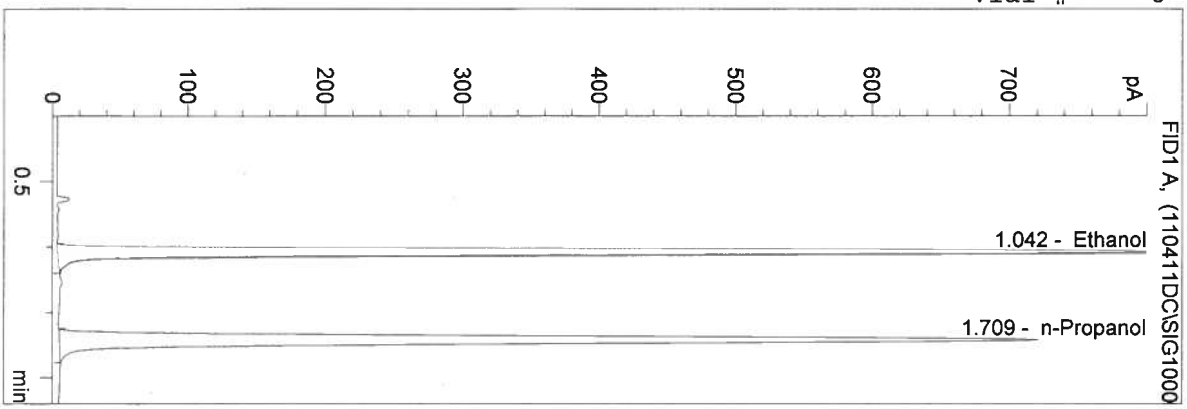
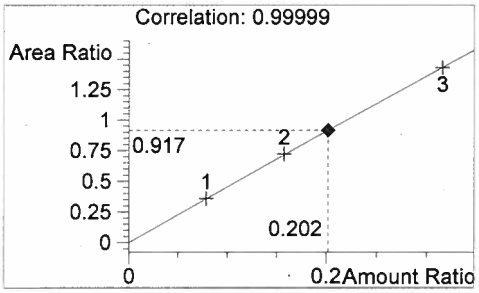
4/11/2011 10:03:59 AM
Instrument 1
DB-ALC1

0.20 CTRL-DC
Dawn Cox

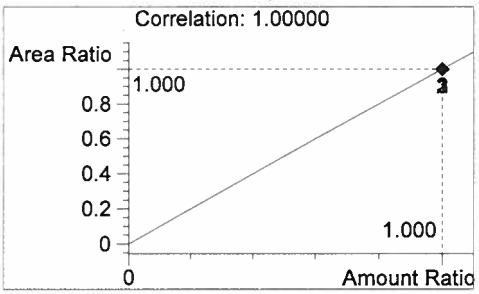
vial # 8



#	Compound	Area	RT
1	Ethanol	2566	1.042
2	n-Propanol	2799	1.709
Tot			



Ethanol 0.202 g/100 mL



n-Propanol 1.000 g/100 mL

11011

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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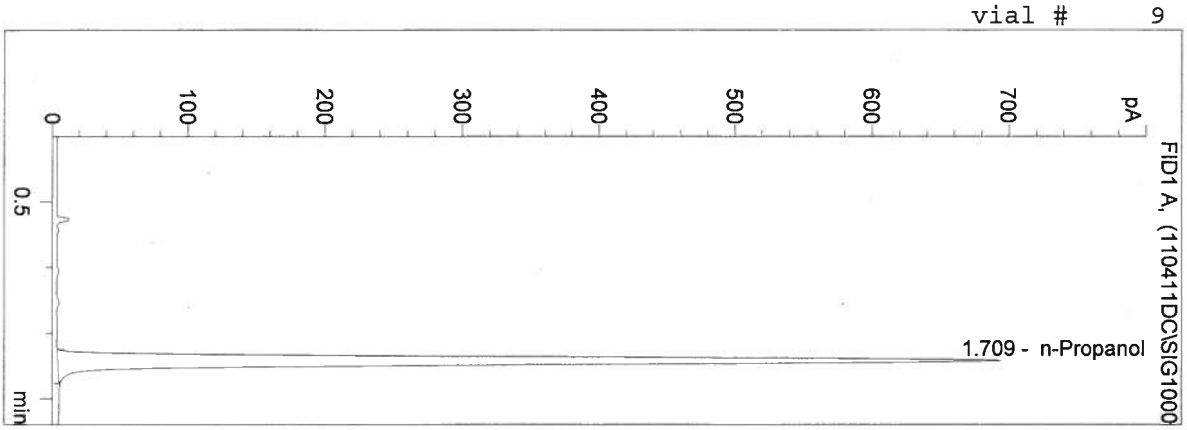
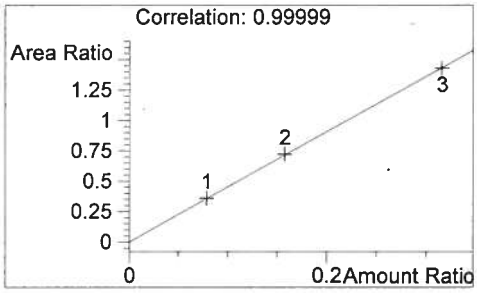
4/11/2011 10:07:04 AM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

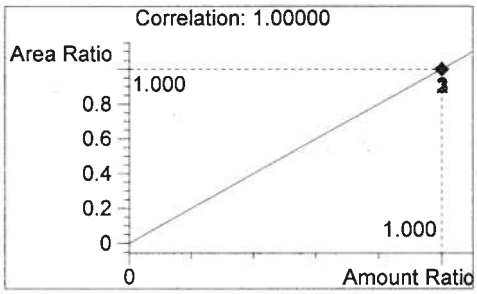
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2690	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

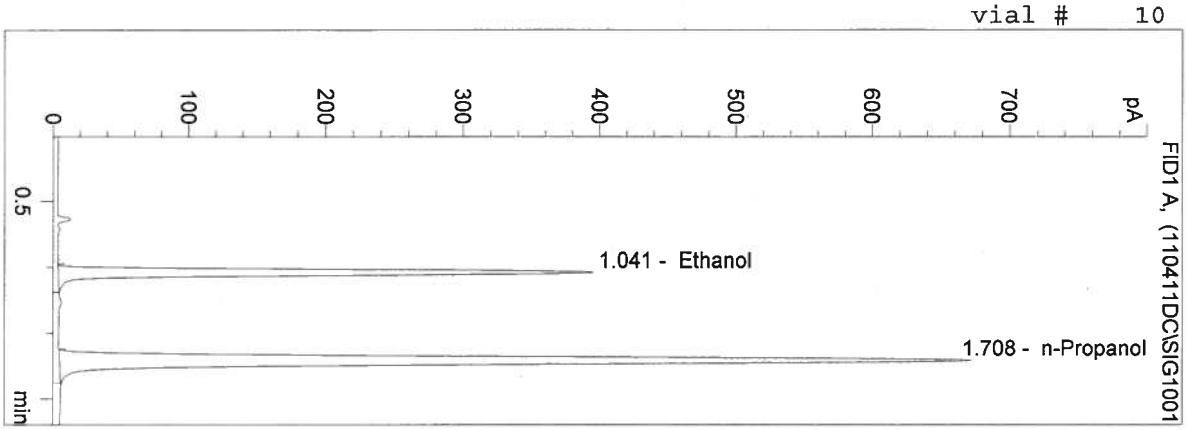
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

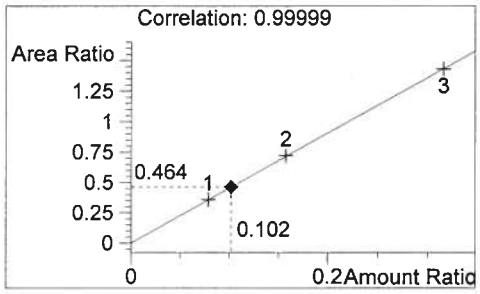
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 10:10:09 AM
Instrument 1
DB-ALC1

11011 #1
Dawn Cox

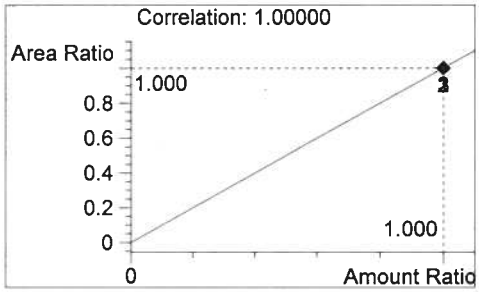
vial # 10



#	Compound	Area	RT
1	Ethanol	1212	1.041
2	n-Propanol	2611	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

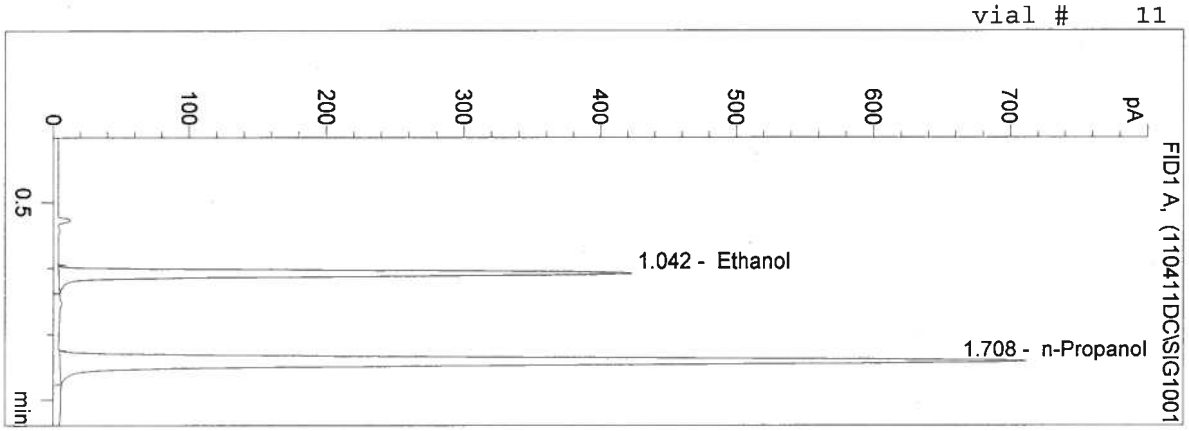
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

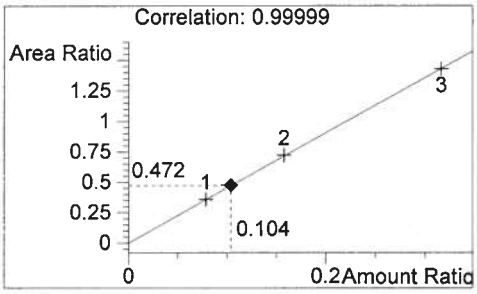
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 10:13:14 AM
Instrument 1
DB-ALC1

11011 #2
Dawn Cox

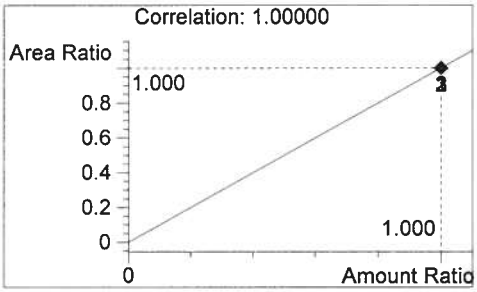
vial # 11



#	Compound	Area	RT
1	Ethanol	1306	1.042
2	n-Propanol	2763	1.708
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

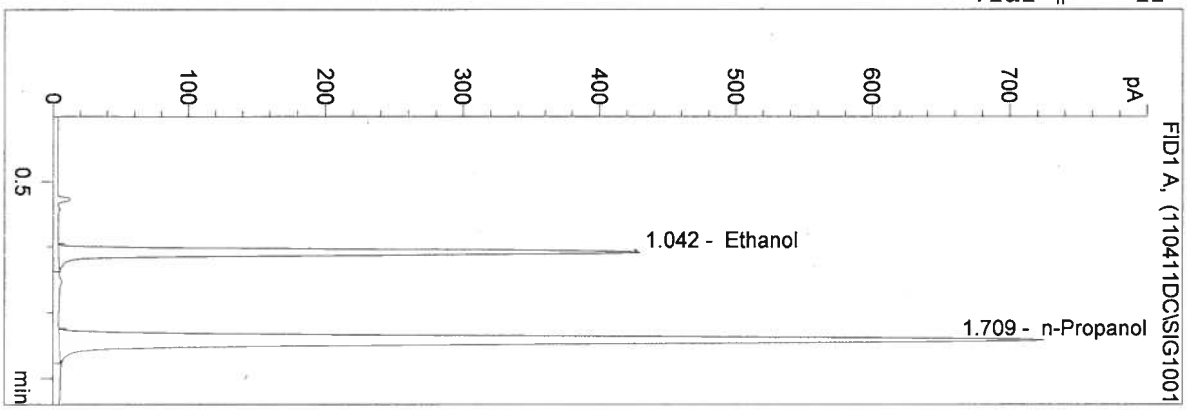
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

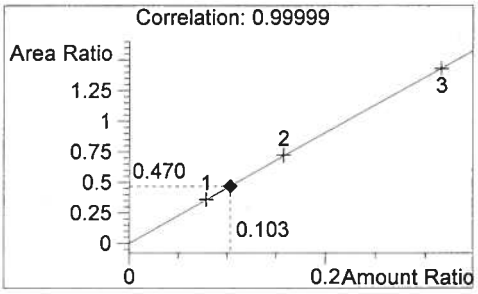
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 10:16:18 AM
Instrument 1
DB-ALC1

11011 #3
Dawn Cox

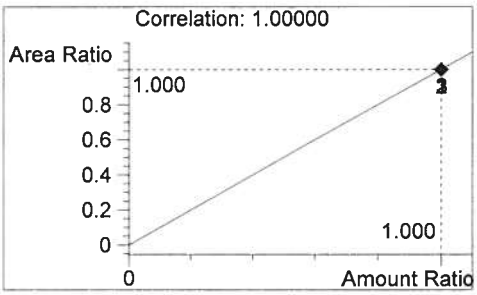
vial # 12



#	Compound	Area	RT
1	Ethanol	1321	1.042
2	n-Propanol	2812	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

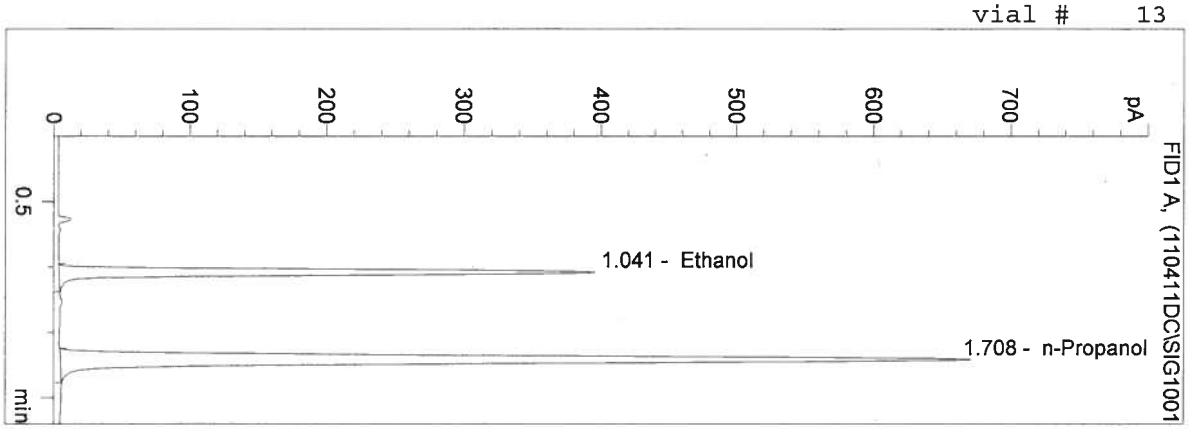
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

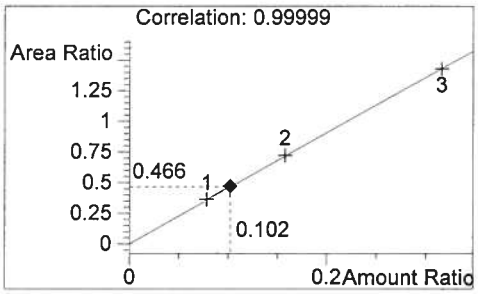
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 10:19:23 AM
Instrument 1
DB-ALC1

11011 #4
Dawn Cox

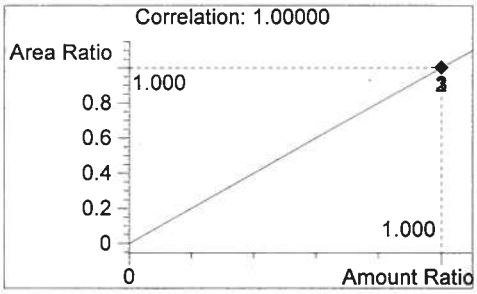
vial # 13



#	Compound	Area	RT
1	Ethanol	1210	1.041
2	n-Propanol	2598	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

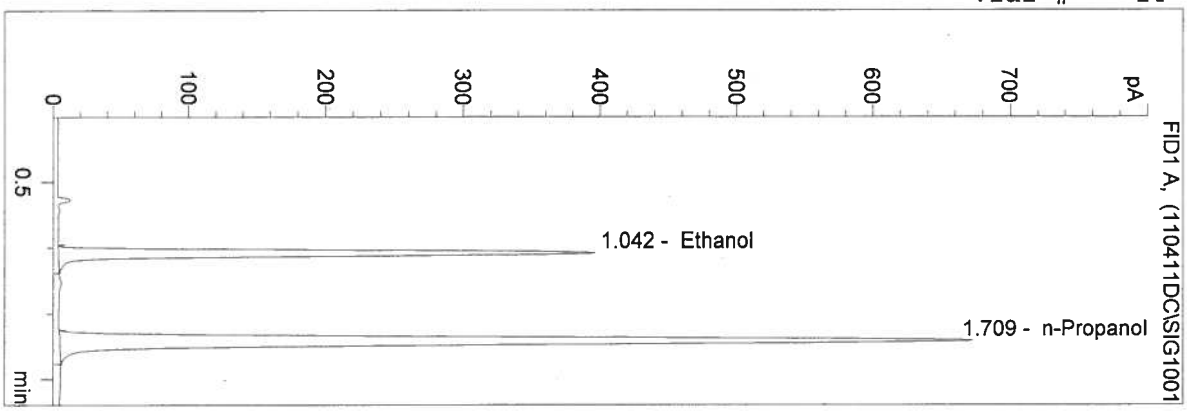
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

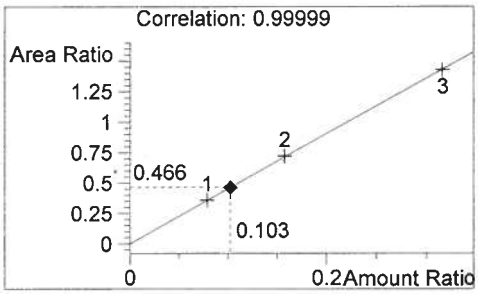
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 10:22:28 AM
Instrument 1
DB-ALC1

11011 #5
Dawn Cox

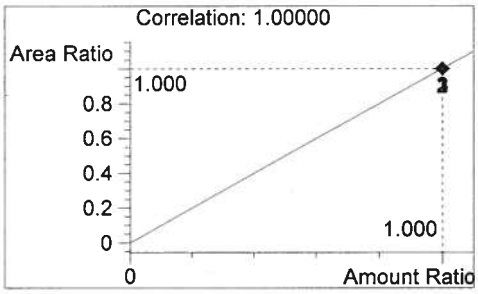
vial # 14



#	Compound	Area	RT
1	Ethanol	1219	1.042
2	n-Propanol	2615	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

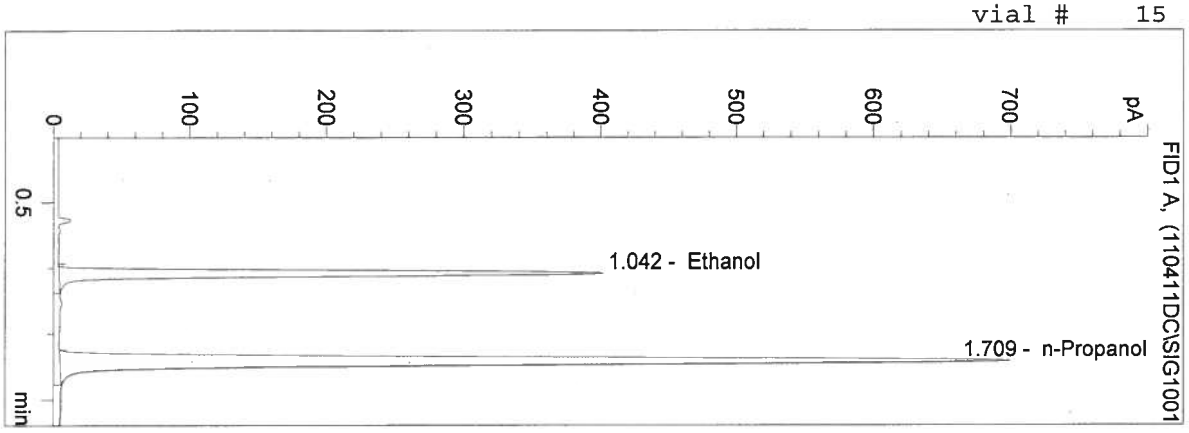
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

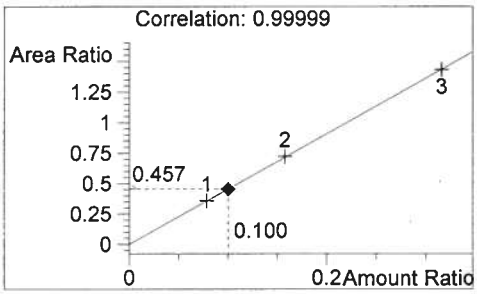
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 10:25:33 AM
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

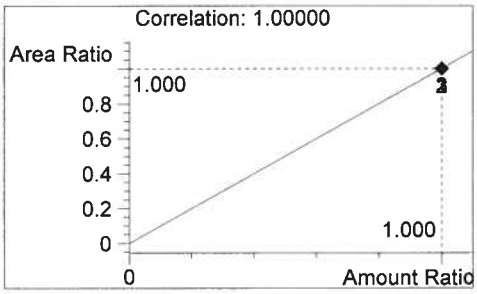
vial # 15



#	Compound	Area	RT
1	Ethanol	1244	1.042
2	n-Propanol	2724	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11011

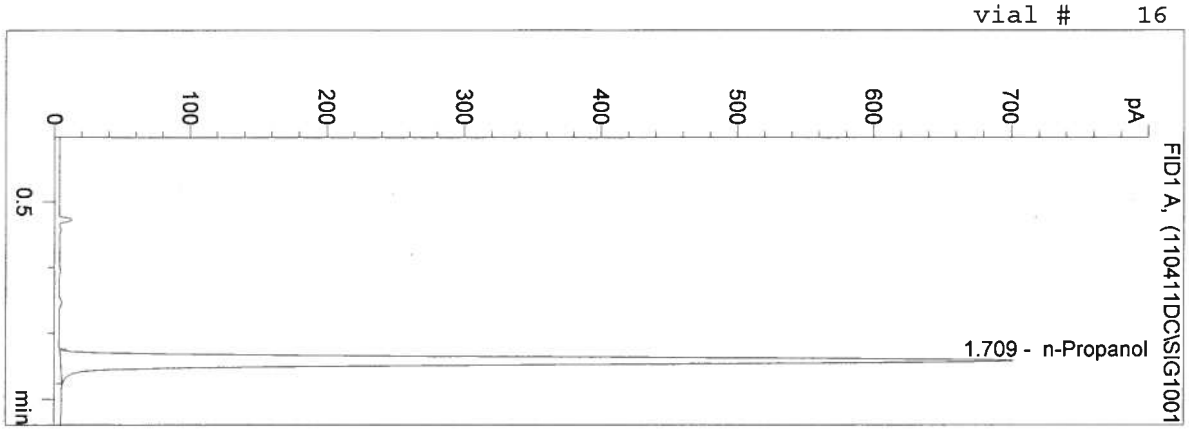
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

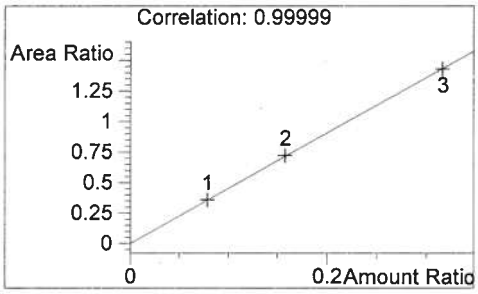
C:\HPCHEM\1\METHODS\SIMALC1.M
4/11/2011 10:28:37 AM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

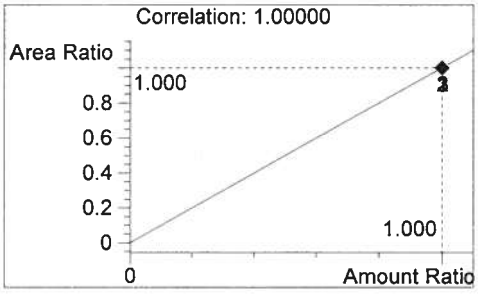
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2730	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

DC

Sequence Parameters:

Operator:	Sarah Swenson
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:	110412SS
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-SS	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-SS	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
10	Vial 10	11011 #1	SIMALC1	1	Sample		
11	Vial 11	11011 #2	SIMALC1	1	Sample		
12	Vial 12	11011 #3	SIMALC1	1	Sample		
13	Vial 13	11011 #4	SIMALC1	1	Sample		
14	Vial 14	11011 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-SS	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-SS	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	

I 1 0 1 1

SMS

Sequence Table (Back Injector):

No entries - empty table!

11011

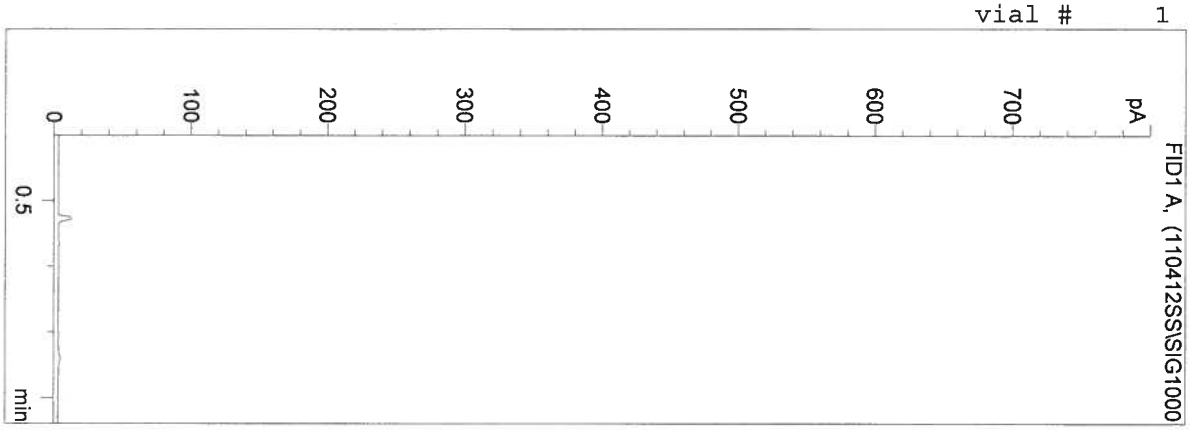
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

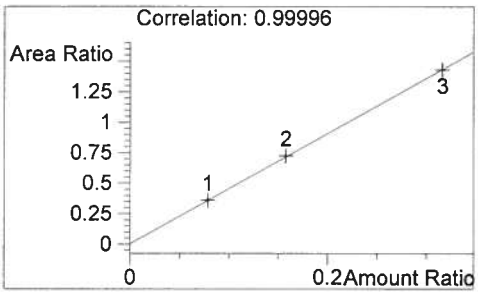
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 9:39:30 AM
Instrument 1
DB-ALC1

BLANK-SS
Sarah Swenson

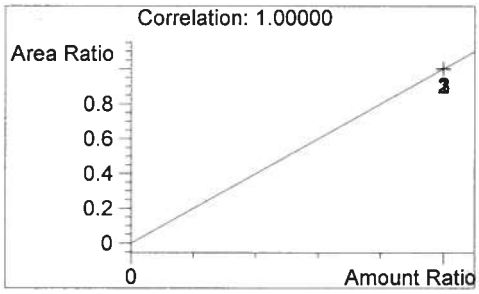
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11011

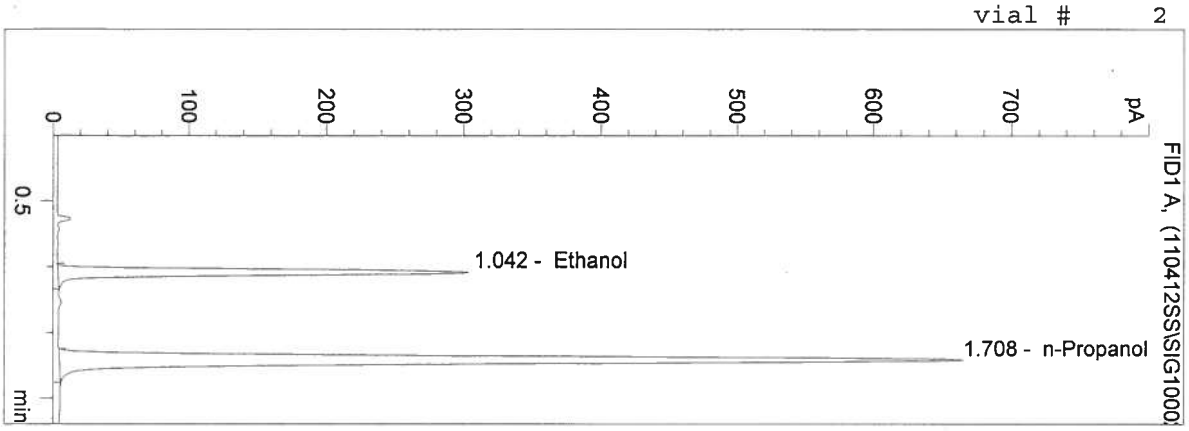
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

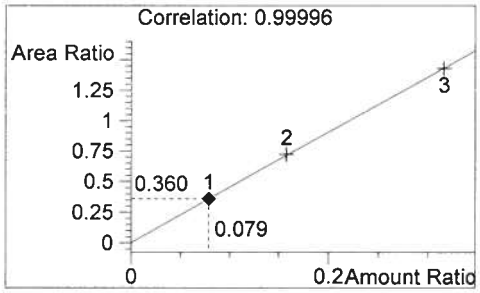
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 9:42:34 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Sarah Swenson

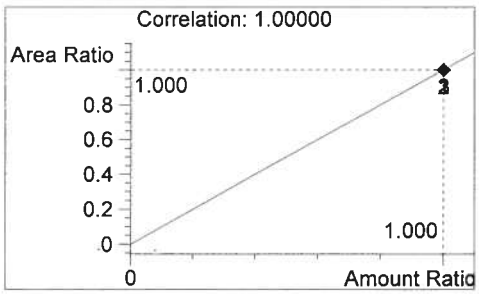
vial # 2



#	Compound	Area	RT
1	Ethanol	930	1.042
2	n-Propanol	2586	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11011

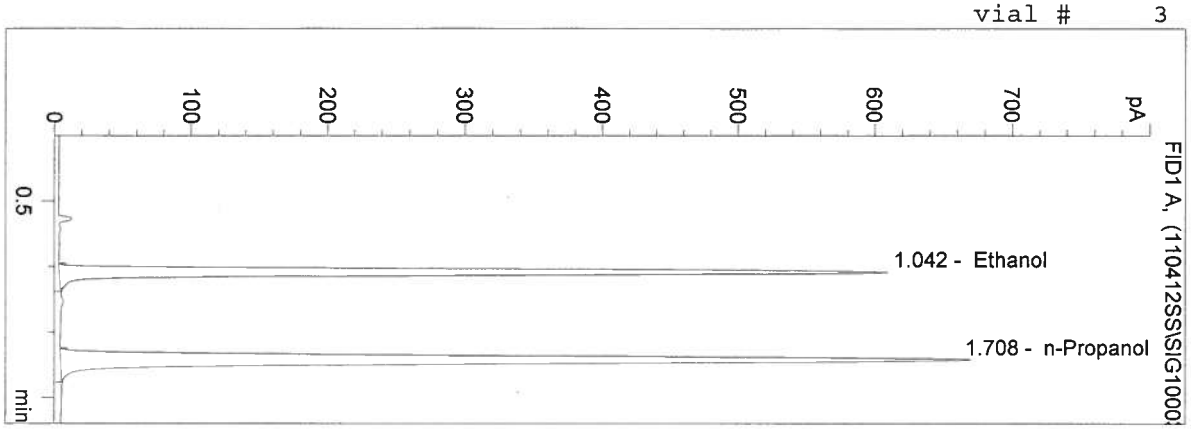
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

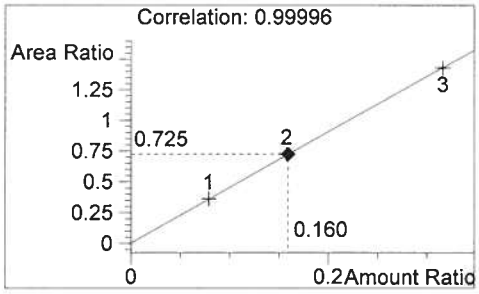
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 9:45:39 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Sarah Swenson

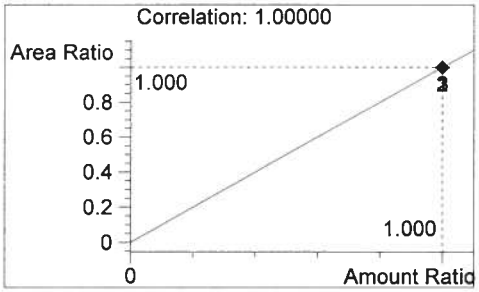
vial # 3



#	Compound	Area	RT
1	Ethanol	1890	1.042
2	n-Propanol	2607	1.708
Tot			



Ethanol 0.160 g/100 mL



n-Propanol 1.000 g/100 mL

11011

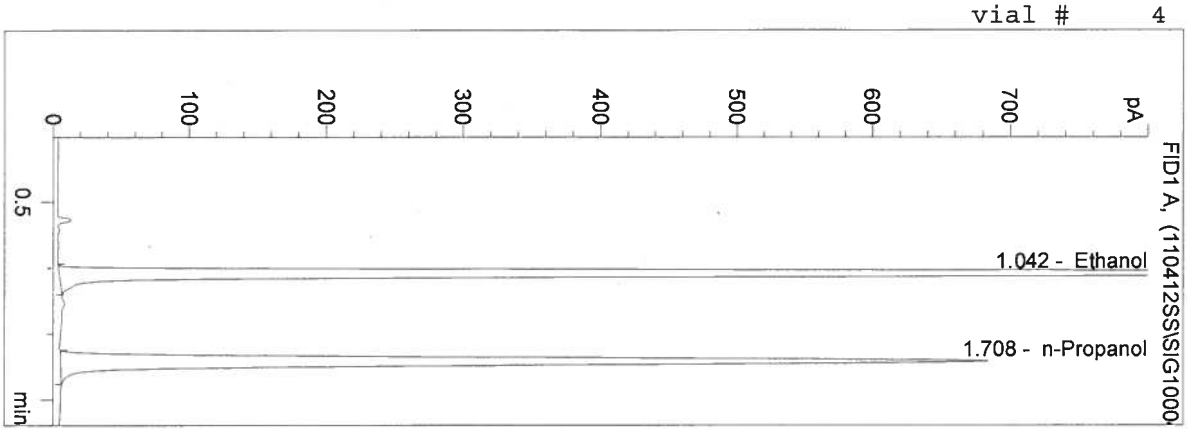
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

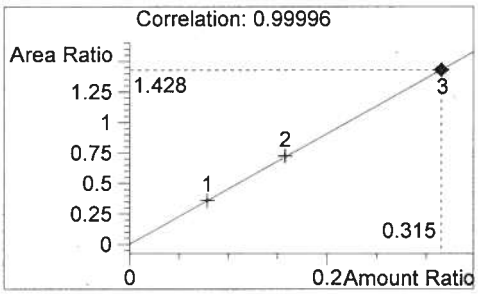
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 9:48:44 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Sarah Swenson

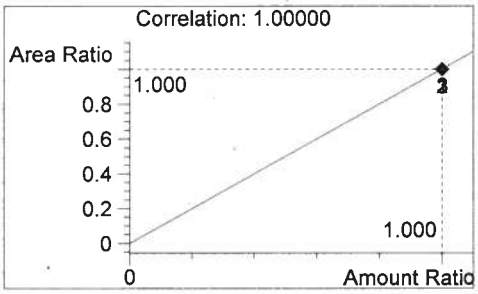
vial # 4



#	Compound	Area	RT
1	Ethanol	3784	1.042
2	n-Propanol	2650	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11011

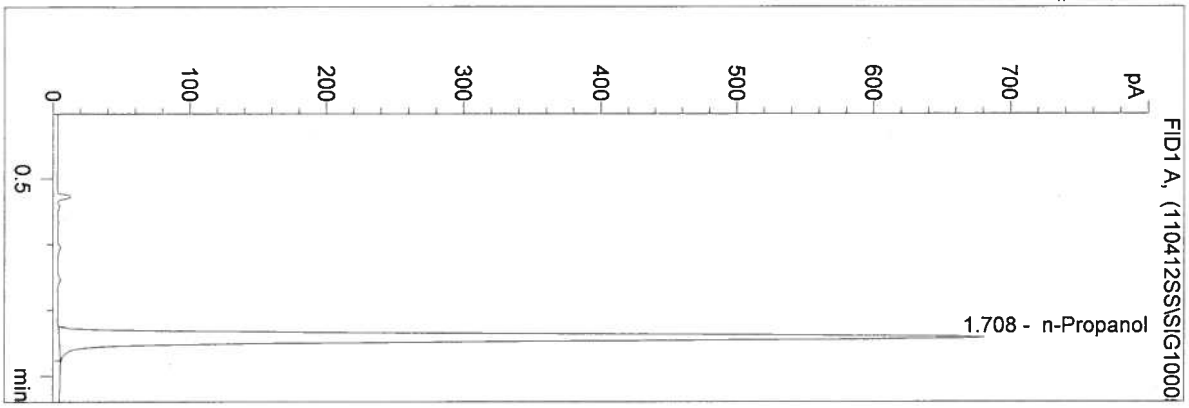
345

WASHINGTON STATE TOXICOLOGY LABORATORY

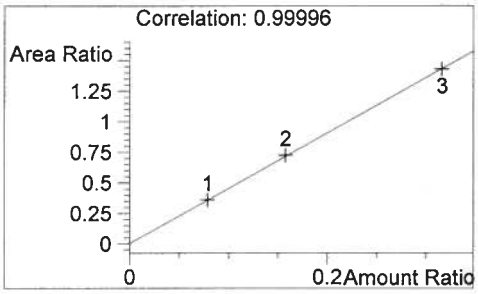
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 9:51:49 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

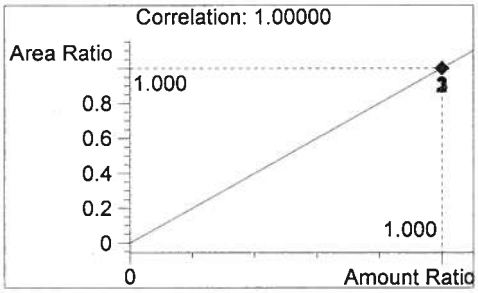
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2635	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

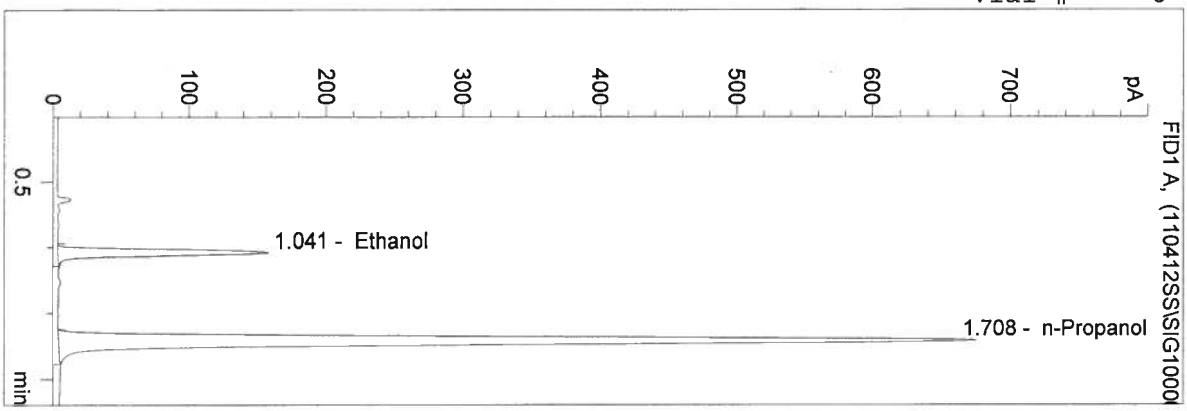
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

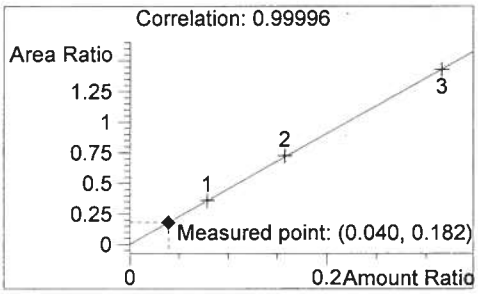
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 9:54:53 AM
Instrument 1
DB-ALC1

0.04 CTRL-SS
Sarah Swenson

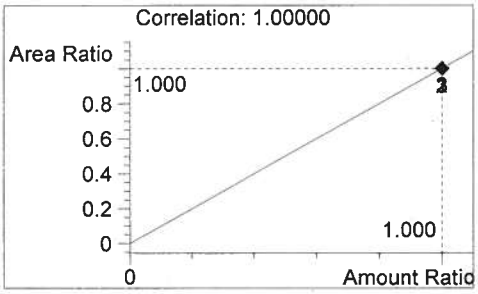
vial # 6



#	Compound	Area	RT
1	Ethanol	476	1.041
2	n-Propanol	2615	1.708
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

11011

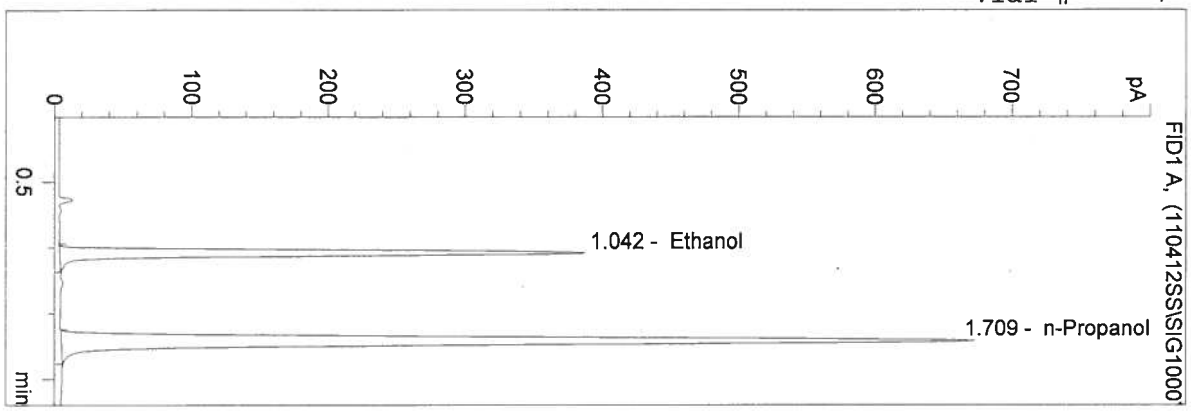
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

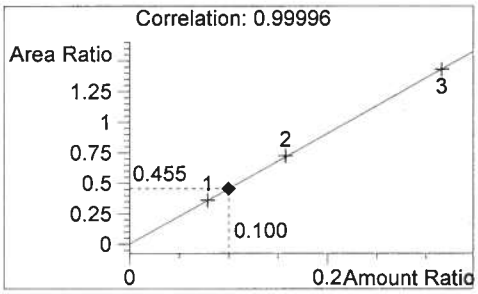
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 9:57:58 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

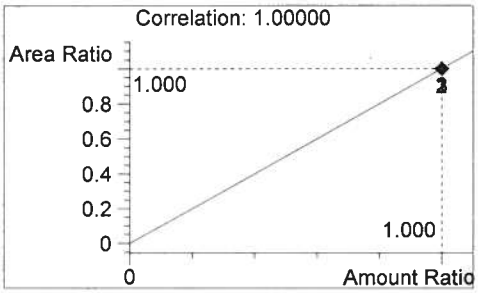
vial # 7



#	Compound	Area	RT
1	Ethanol	1186	1.042
2	n-Propanol	2604	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11011

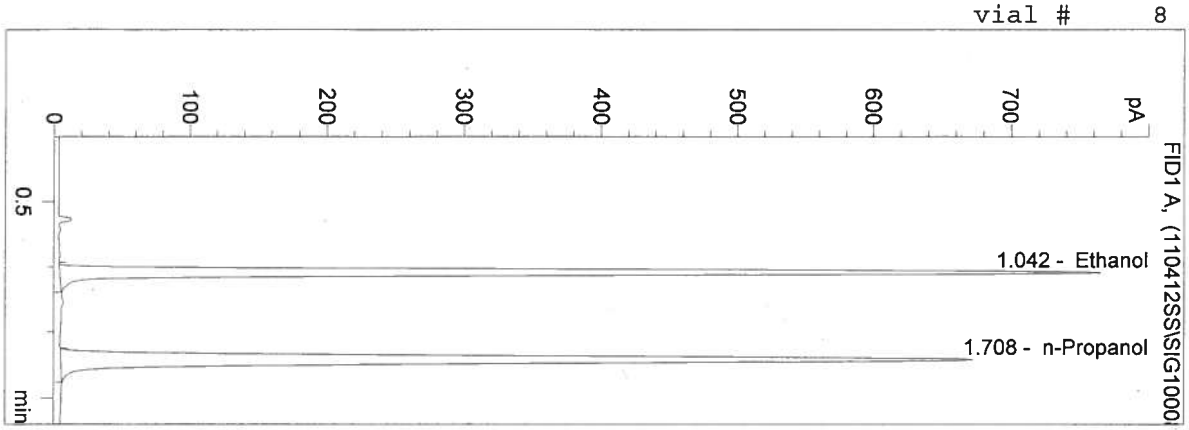
SHS

WASHINGTON STATE TOXICOLOGY LABORATORY

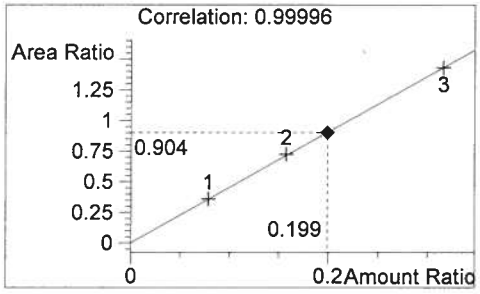
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:01:03 AM
Instrument 1
DB-ALC1

0.20 CTRL-SS
Sarah Swenson

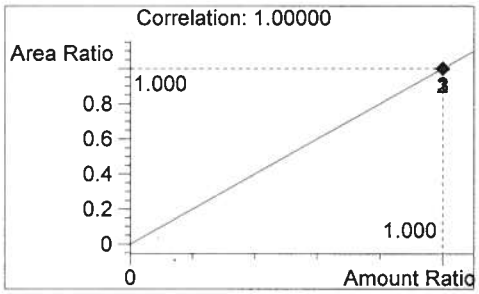
vial # 8



#	Compound	Area	RT
1	Ethanol	2354	1.042
2	n-Propanol	2603	1.708
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

11011

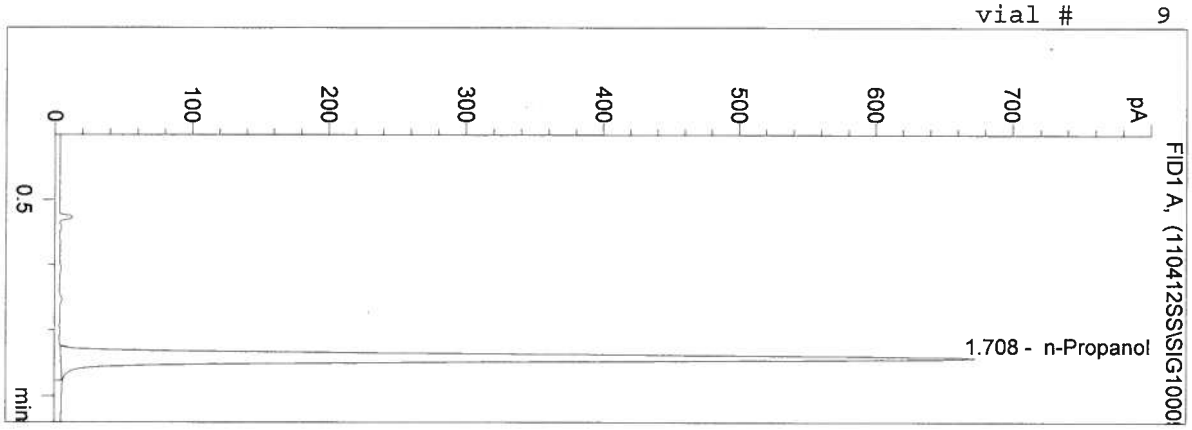
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

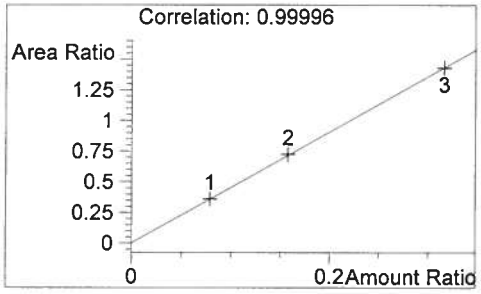
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:04:08 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

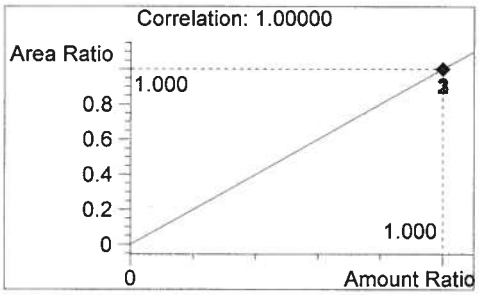
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2607	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

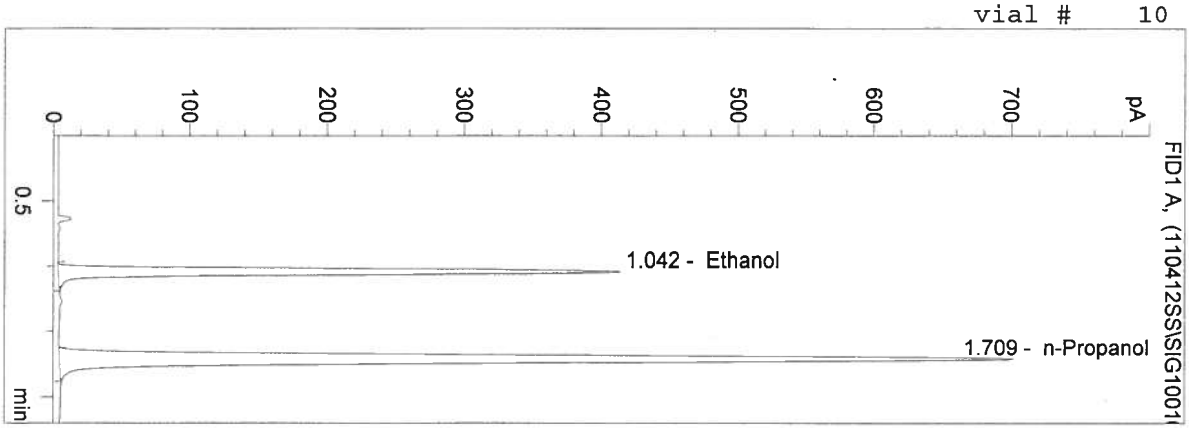
SYS

WASHINGTON STATE TOXICOLOGY LABORATORY

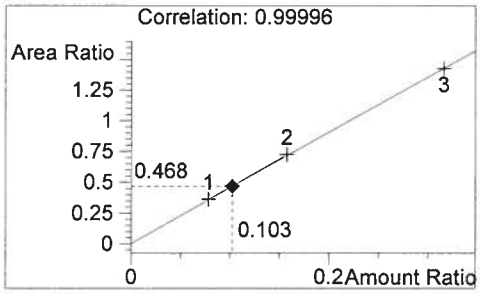
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:07:13 AM
Instrument 1
DB-ALC1

11011 #1
Sarah Swenson

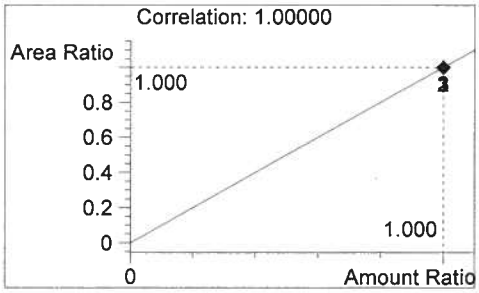
vial # 10



#	Compound	Area	RT
1	Ethanol	1272	1.042
2	n-Propanol	2718	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

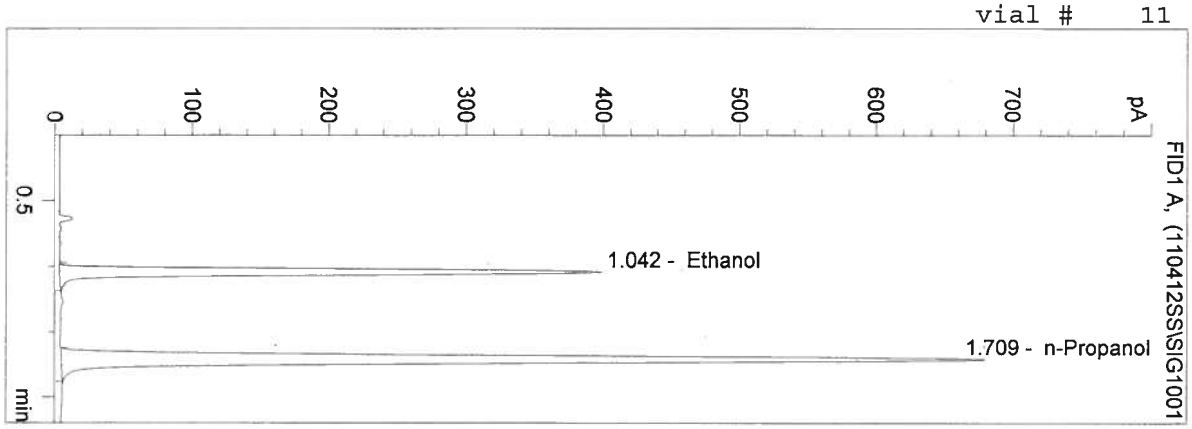
SHS

WASHINGTON STATE TOXICOLOGY LABORATORY

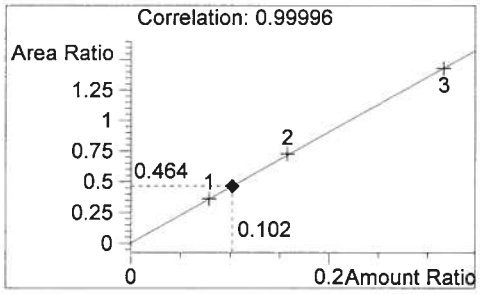
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:10:17 AM
Instrument 1
DB-ALC1

11011 #2
Sarah Swenson

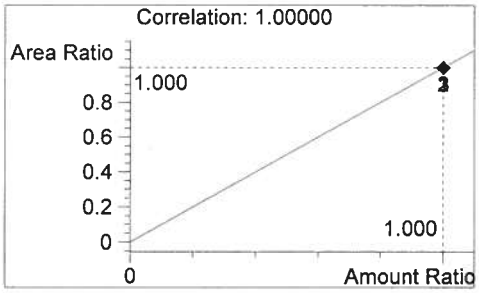
vial # 11



#	Compound	Area	RT
1	Ethanol	1221	1.042
2	n-Propanol	2631	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

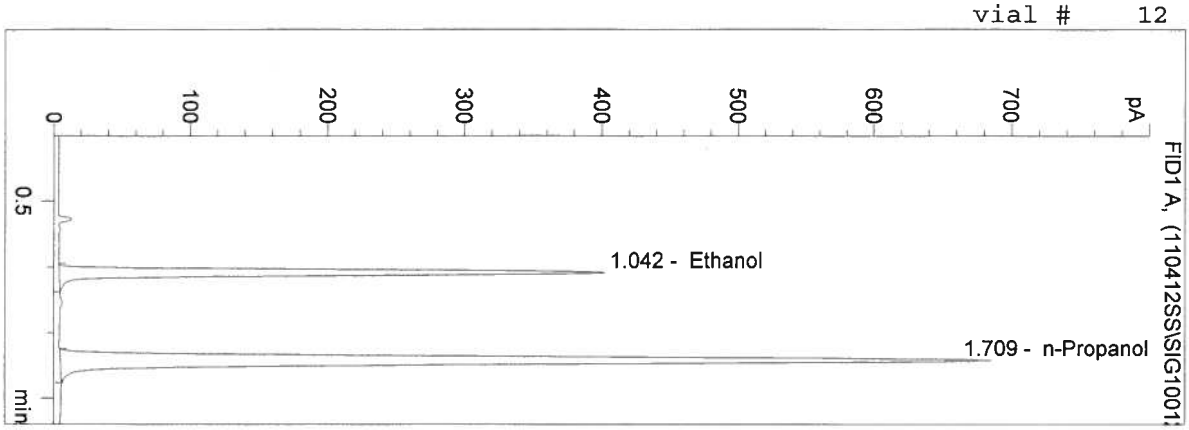
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

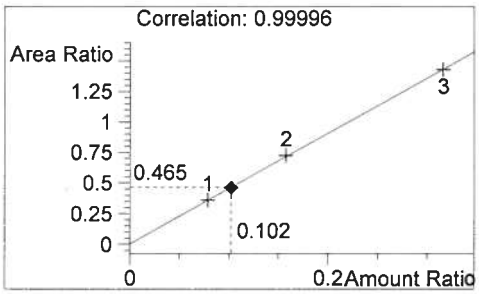
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:13:22 AM
Instrument 1
DB-ALC1

11011 #3
Sarah Swenson

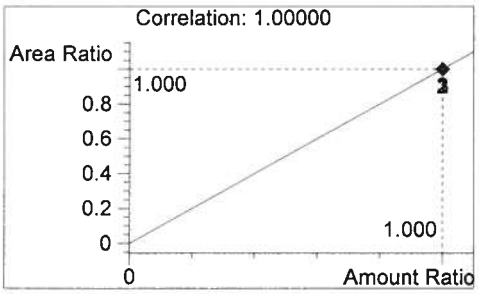
vial # 12



#	Compound	Area	RT
1	Ethanol	1232	1.042
2	n-Propanol	2650	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

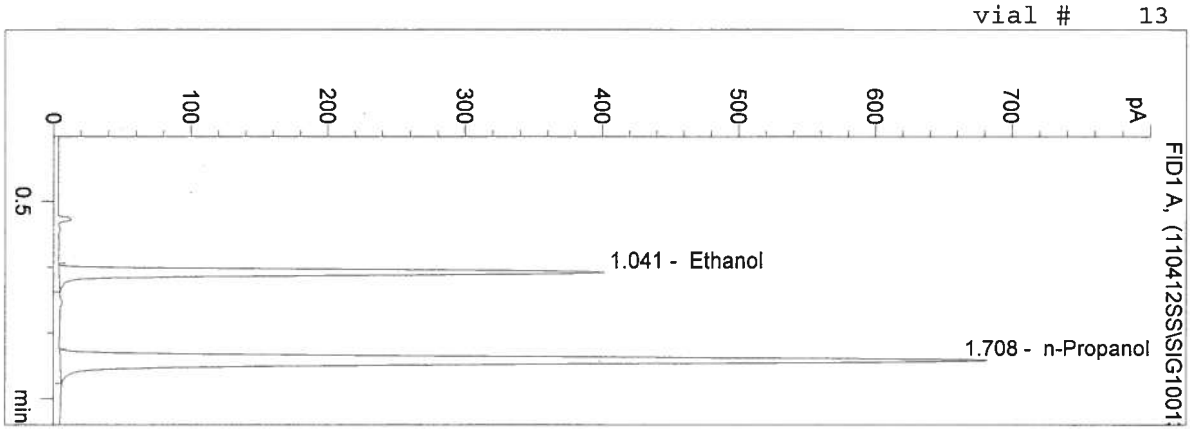
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

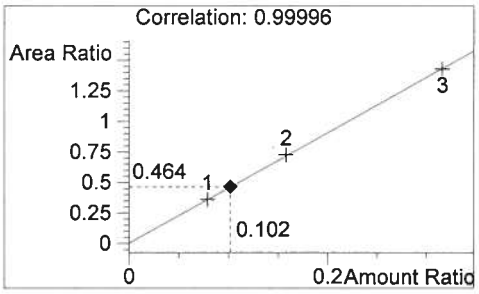
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:16:27 AM
Instrument 1
DB-ALC1

11011 #4
Sarah Swenson

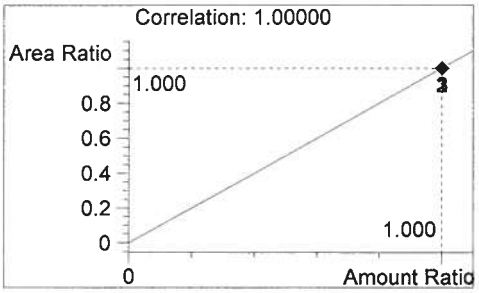
vial # 13



#	Compound	Area	RT
1	Ethanol	1222	1.041
2	n-Propanol	2636	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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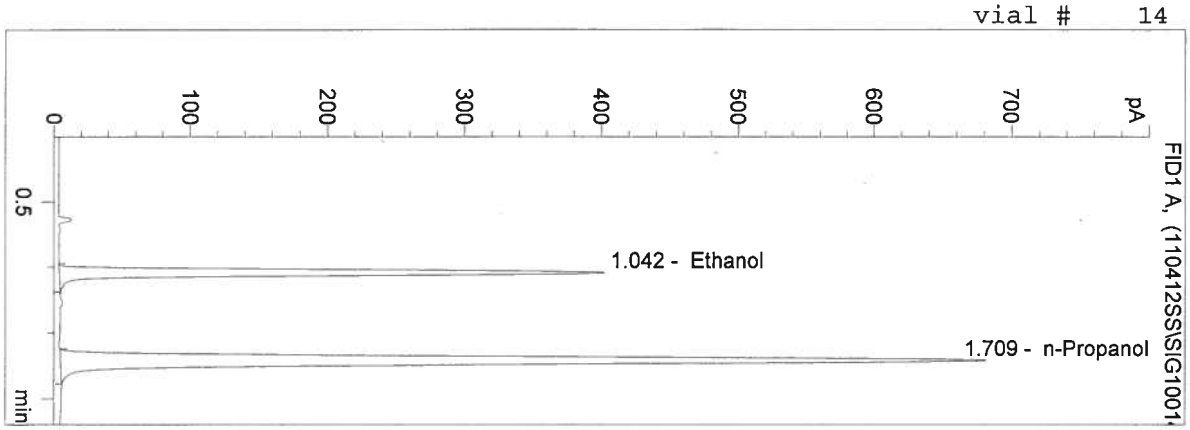
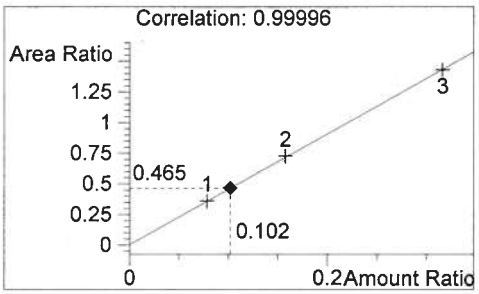
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:19:32 AM
Instrument 1
DB-ALC1

11011 #5
Sarah Swenson

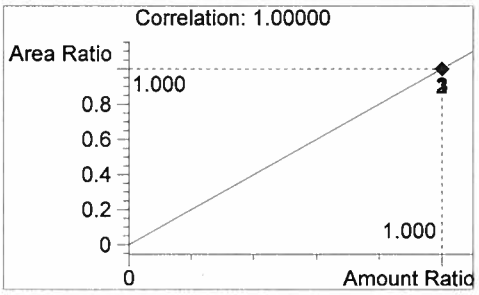
vial # 14



#	Compound	Area	RT
1	Ethanol	1231	1.042
2	n-Propanol	2647	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

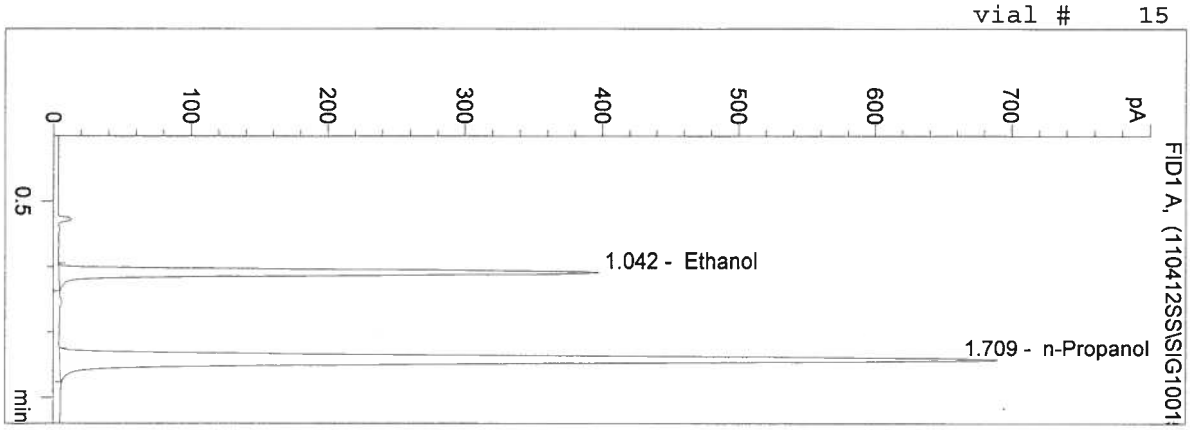
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

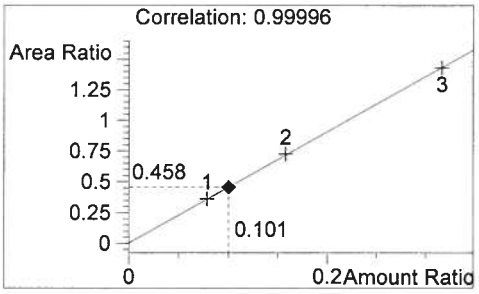
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:22:36 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

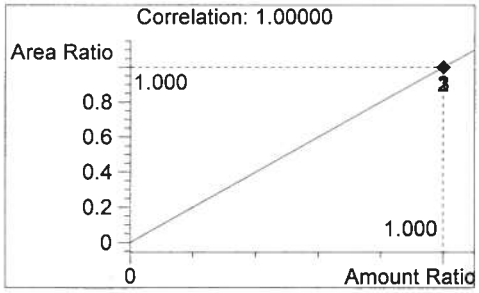
vial # 15



#	Compound	Area	RT
1	Ethanol	1227	1.042
2	n-Propanol	2681	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

11011

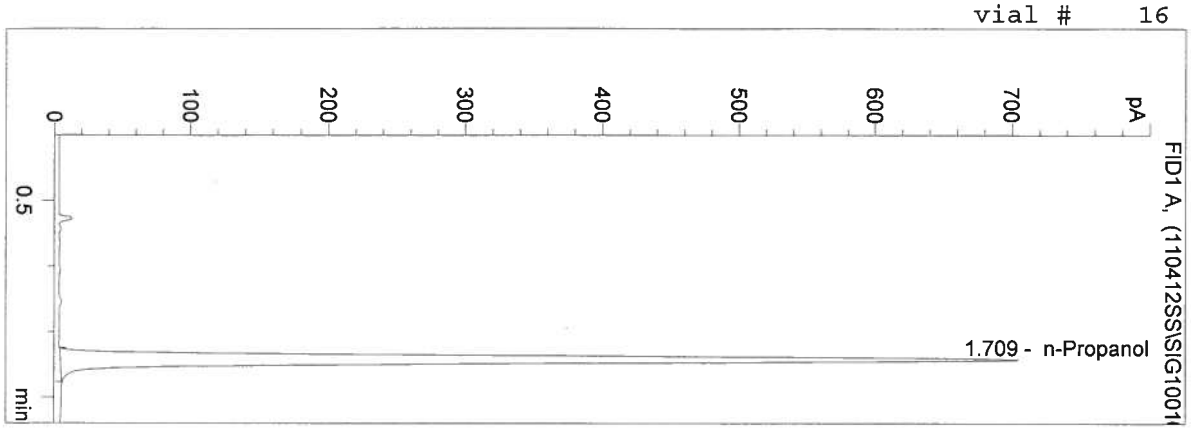
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

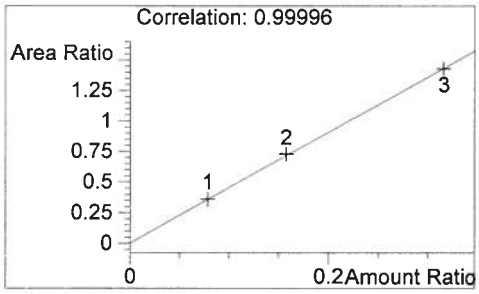
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:25:41 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

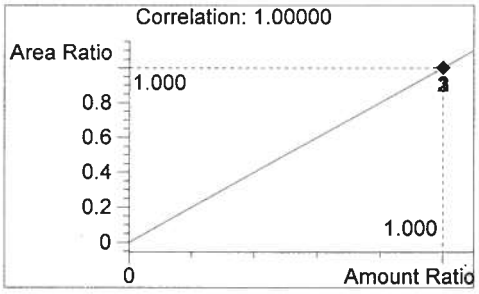
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2732	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

SMS

Sequence: C:\HPCHEM\1\SEQUENCE\RFEXTSTD.S

Sequence Parameters:

Operator:	Rebecca Flaherty
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:	110312RF
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

RF

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 CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	11011 #1	SIMALC1	1	Sample		
11	Vial 11	11011 #2	SIMALC1	1	Sample		
12	Vial 12	11011 #3	SIMALC1	1	Sample		
13	Vial 13	11011 #4	SIMALC1	1	Sample		
14	Vial 14	11011 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	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	

11011

Sequence Table (Back Injector):

No entries - empty table!

RF

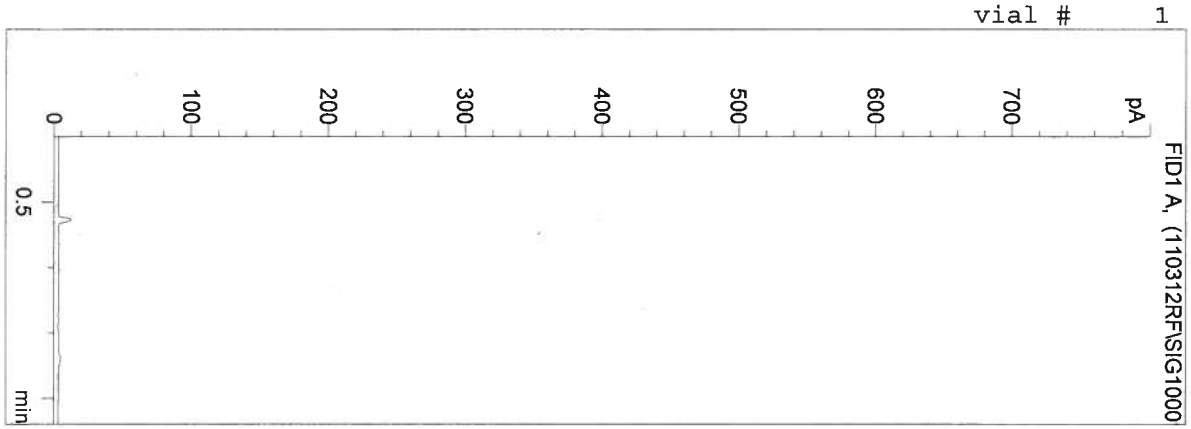
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:45:20 AM
Instrument 1
DB-ALC1

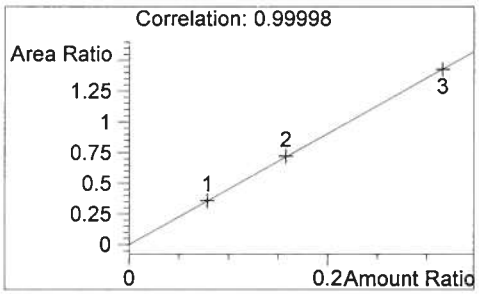
BLANK
Rebecca Flaherty

vial # 1

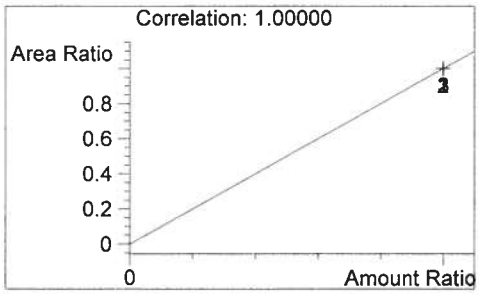


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

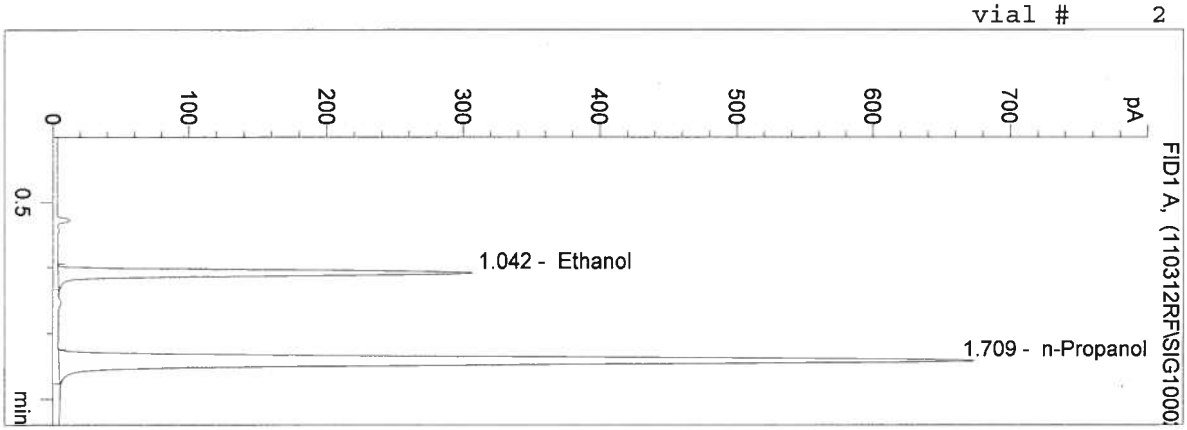
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:48:24 AM
Instrument 1
DB-ALC1

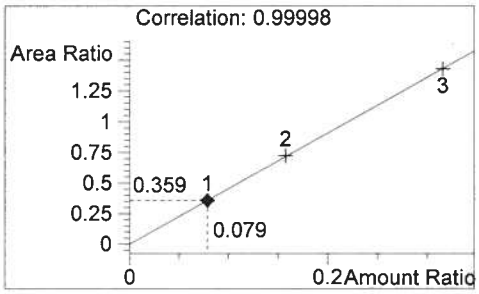
0.079 CAL 1
Rebecca Flaherty

vial # 2

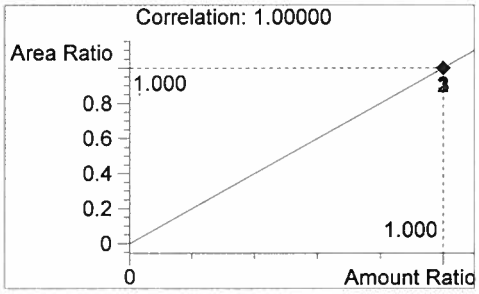


#	Compound	Area	RT
1	Ethanol	936	1.042
2	n-Propanol	2611	1.709
Tot			

RF



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

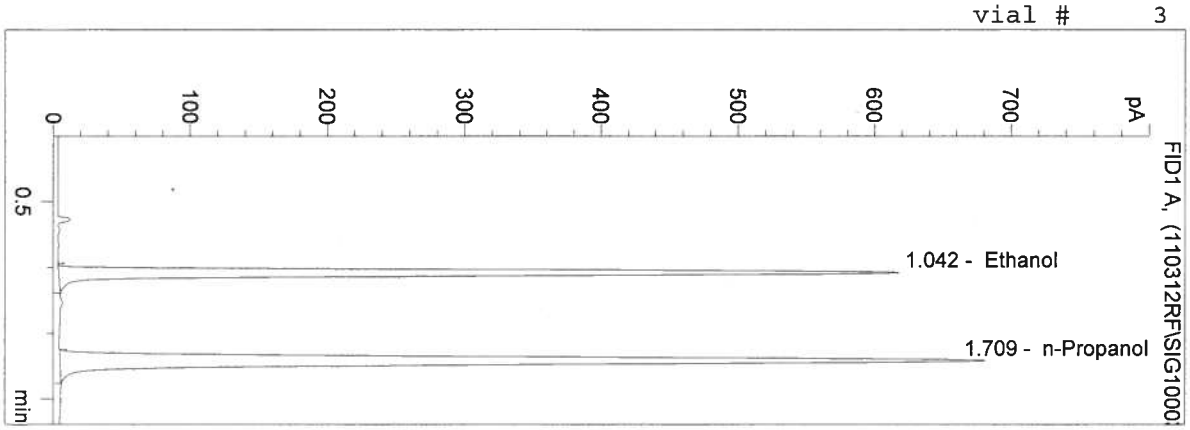
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:51:29 AM
Instrument 1
DB-ALC1

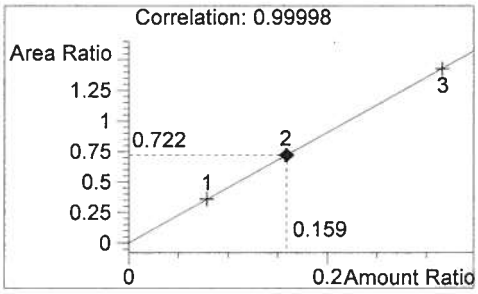
0.158 CAL 2
Rebecca Flaherty

vial # 3

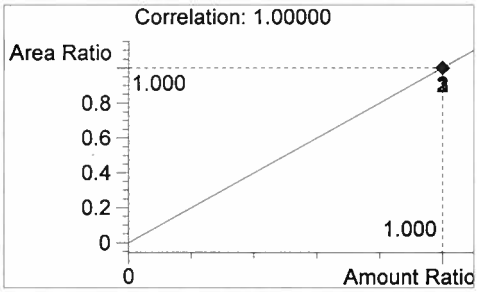


#	Compound	Area	RT
1	Ethanol	1908	1.042
2	n-Propanol	2644	1.709
Tot			

RF



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

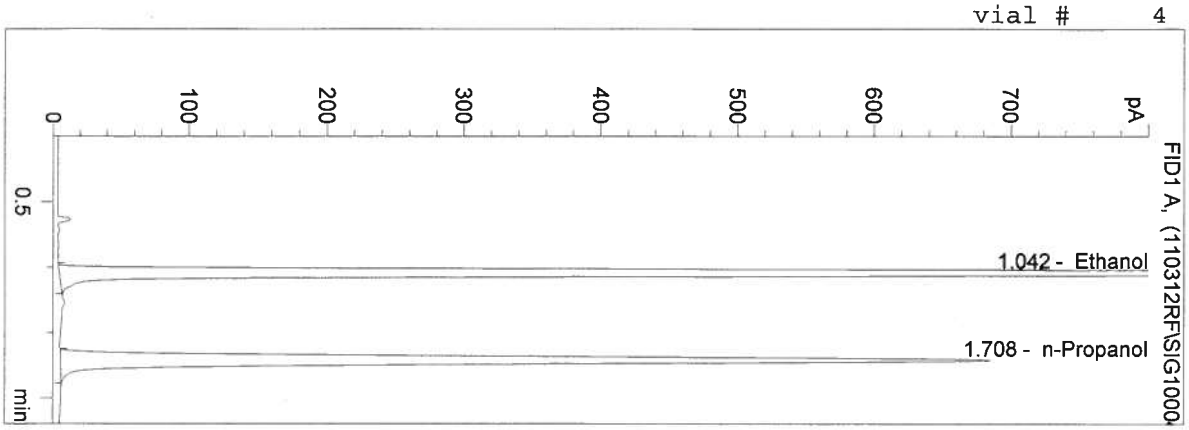
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:54:34 AM
Instrument 1
DB-ALC1

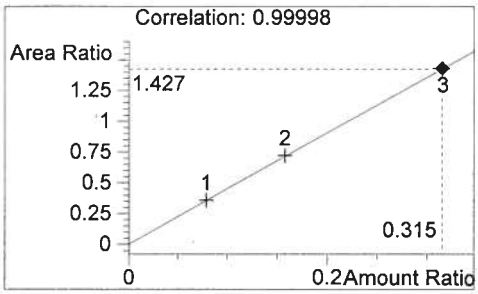
0.316 CAL 3
Rebecca Flaherty

vial # 4

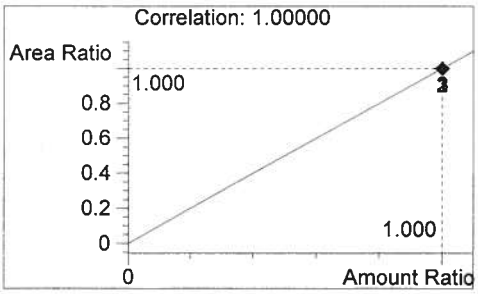


#	Compound	Area	RT
1	Ethanol	3784	1.042
2	n-Propanol	2651	1.708
Tot			

RF



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

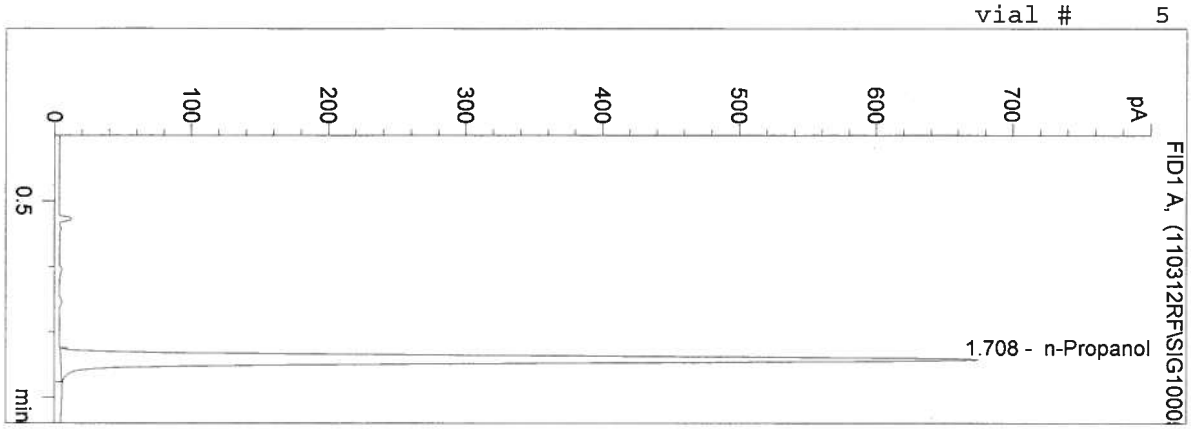
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 10:57:39 AM
Instrument 1
DB-ALC1

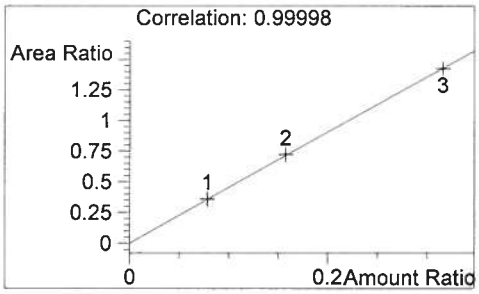
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

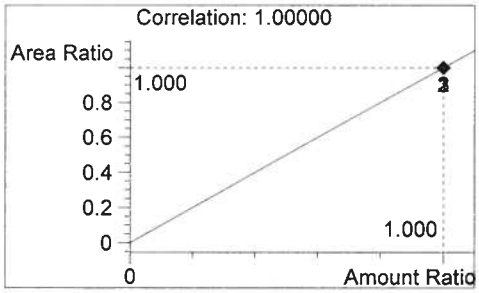


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2615	1.708
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

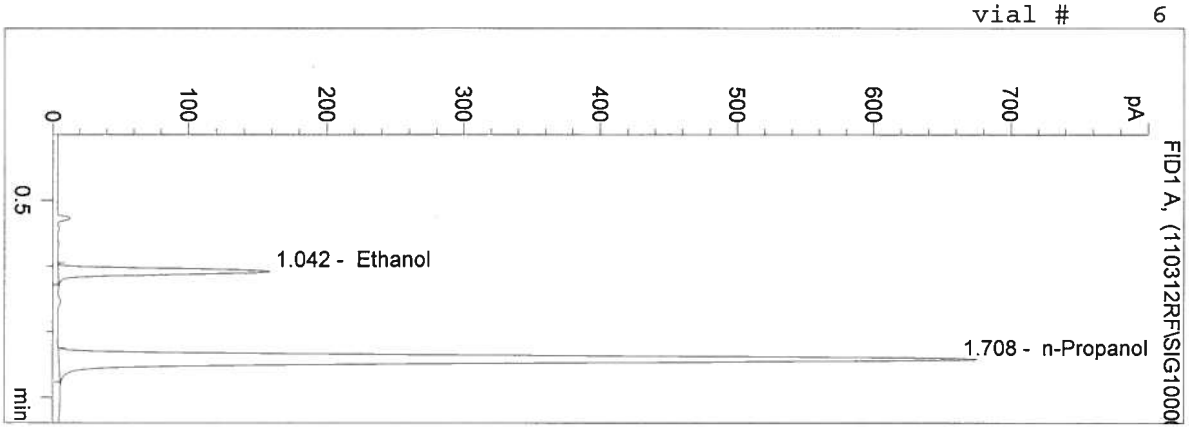
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:00:44 AM
Instrument 1
DB-ALC1

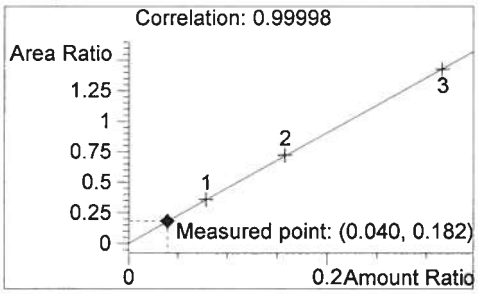
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

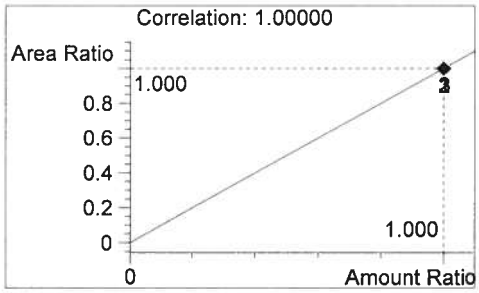


#	Compound	Area	RT
1	Ethanol	477	1.042
2	n-Propanol	2619	1.708
Tot			

RF



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

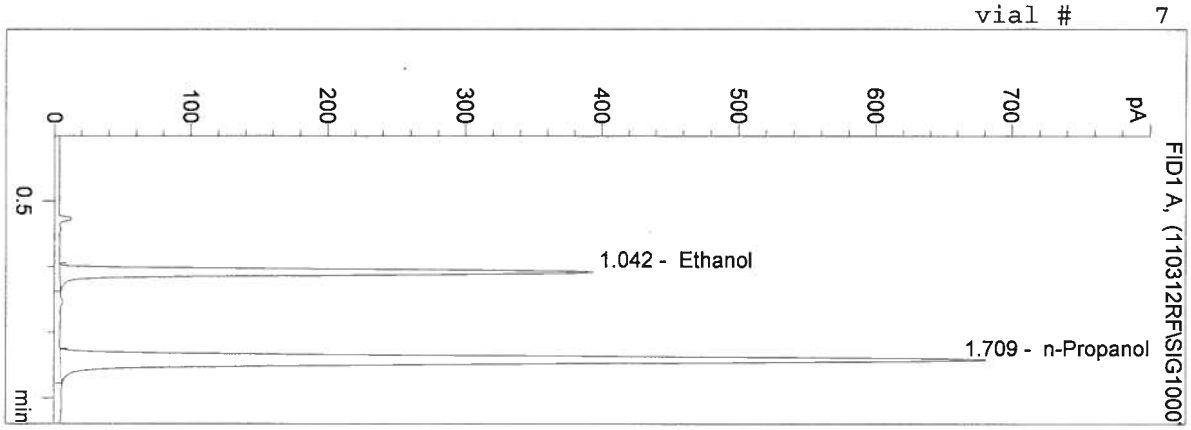
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:03:49 AM
Instrument 1
DB-ALC1

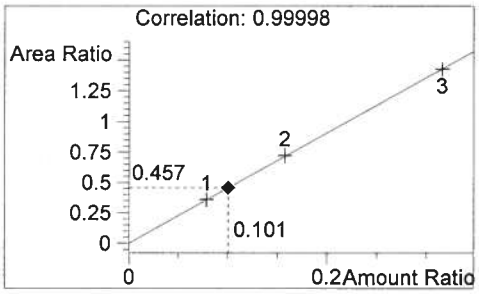
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

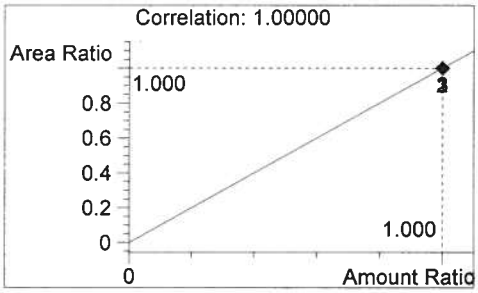


#	Compound	Area	RT
1	Ethanol	1211	1.042
2	n-Propanol	2650	1.709
Tot			

RF



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

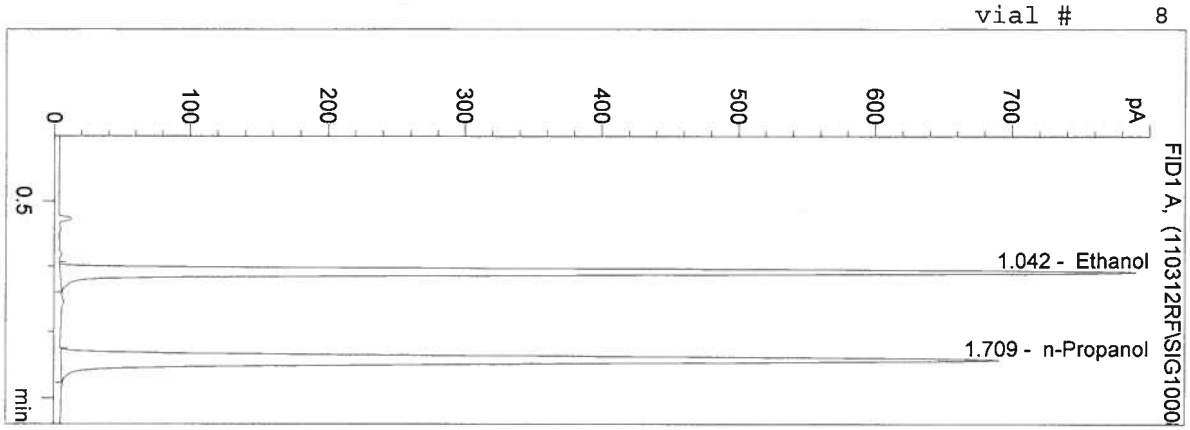
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:06:53 AM
Instrument 1
DB-ALC1

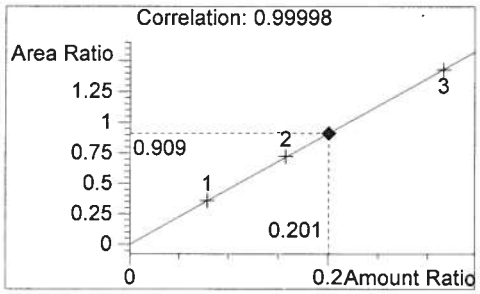
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

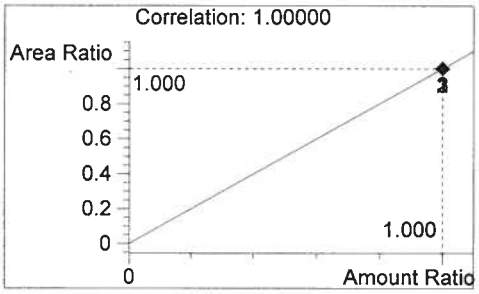


#	Compound	Area	RT
1	Ethanol	2437	1.042
2	n-Propanol	2680	1.709
Tot			

RF



Ethanol 0.201 g/100 mL



n-Propanol 1.000 g/100 mL

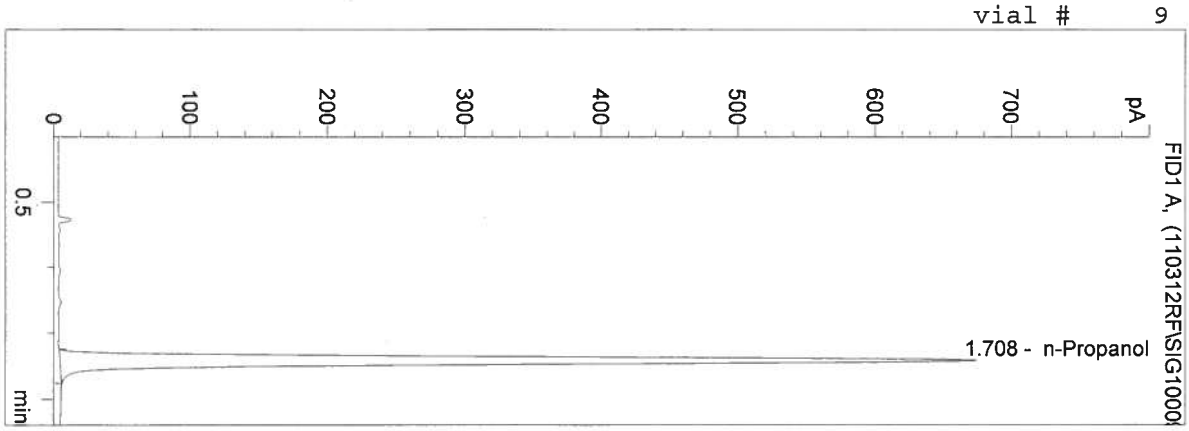
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:09:58 AM
Instrument 1
DB-ALC1

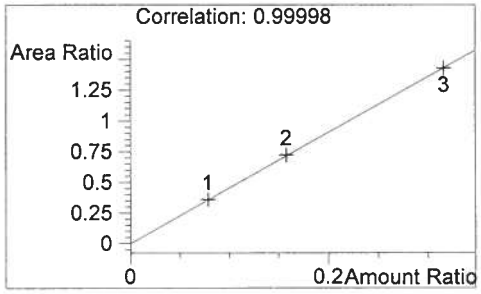
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

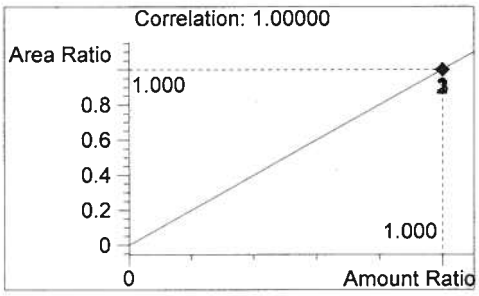


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2610	1.708
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

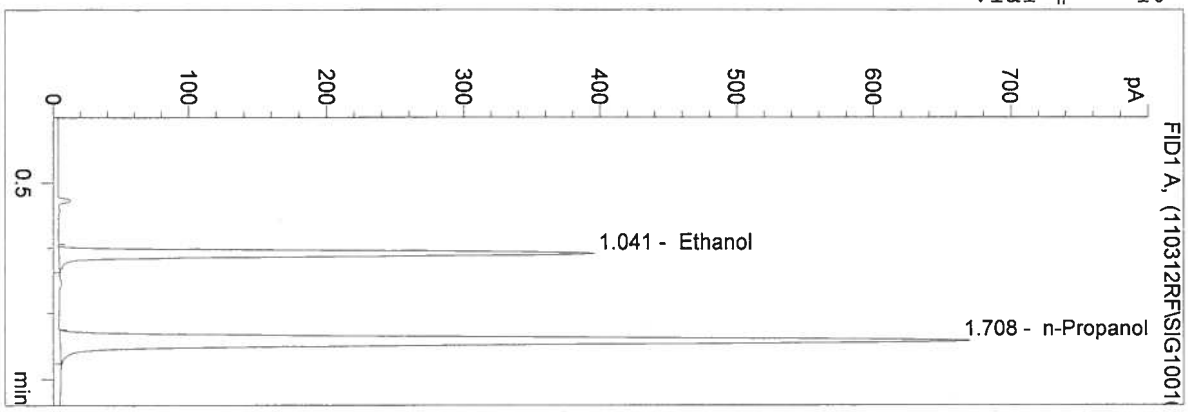
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:13:03 AM
Instrument 1
DB-ALC1

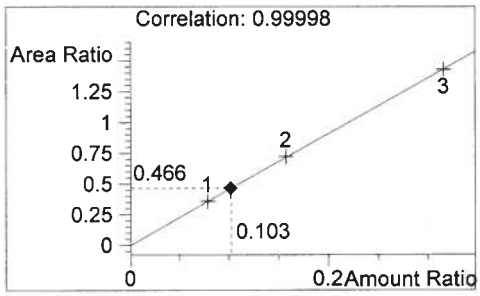
11011 #1
Rebecca Flaherty

vial # 10

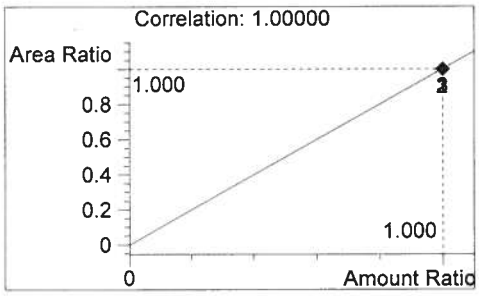


#	Compound	Area	RT
1	Ethanol	1208	1.041
2	n-Propanol	2592	1.708
Tot			

RF



Ethanol 0.103 g/100 mL

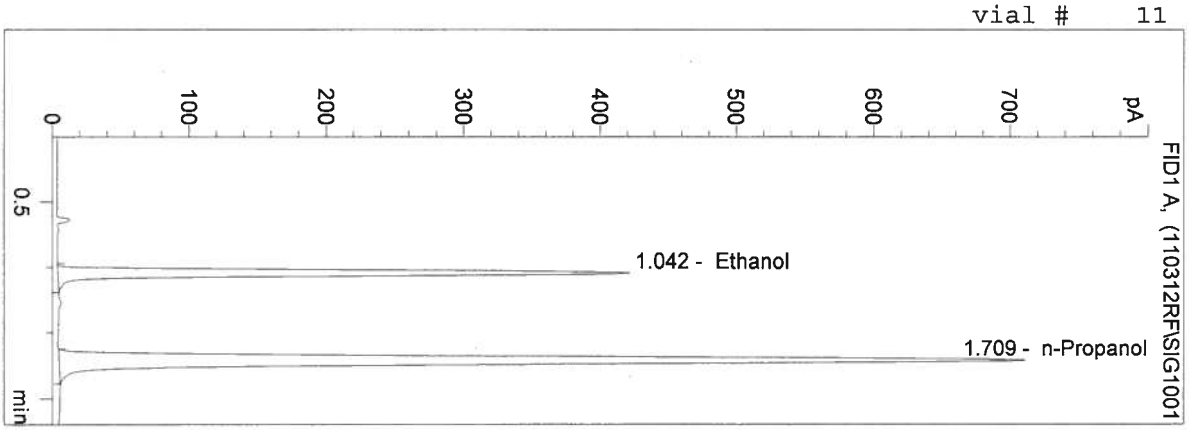


n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

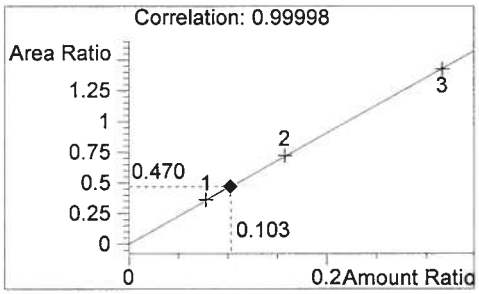
C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:16:08 AM
Instrument 1
DB-ALC1

11011 #2
Rebecca Flaherty
vial # 11

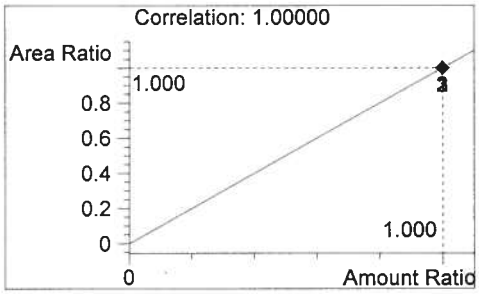


#	Compound	Area	RT
1	Ethanol	1300	1.042
2	n-Propanol	2767	1.709
Tot			

RF



Ethanol 0.103 g/100 mL



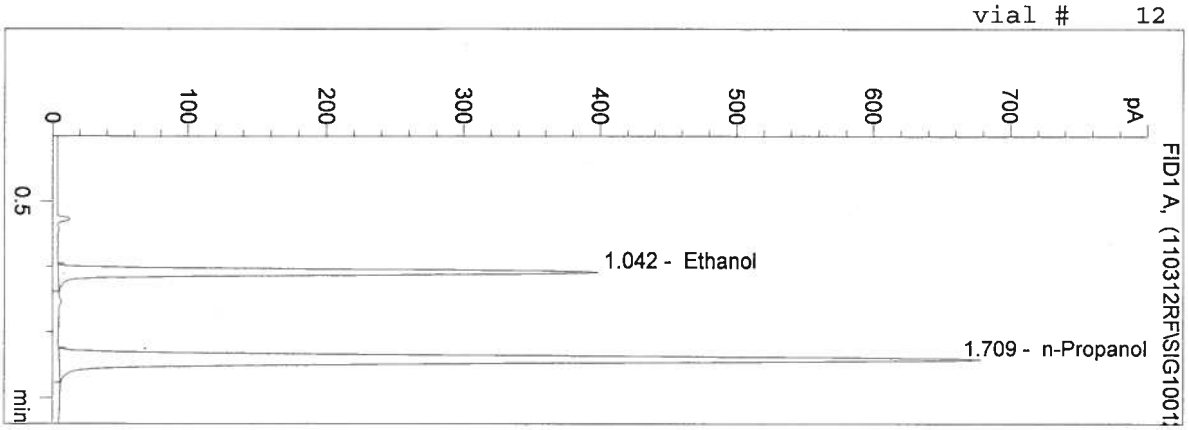
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:19:13 AM
Instrument 1
DB-ALC1

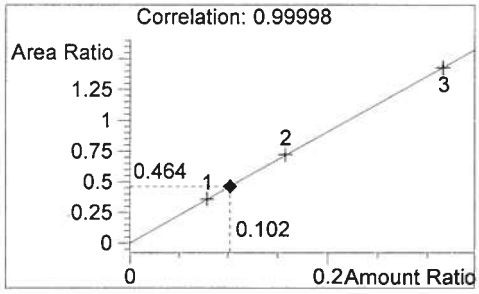
11011 #3
Rebecca Flaherty

vial # 12

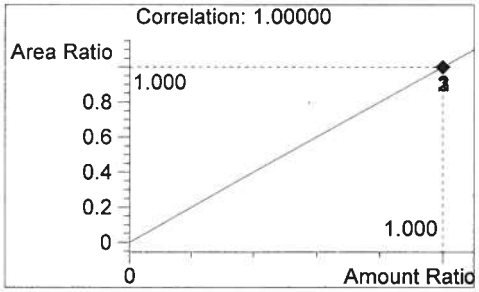


#	Compound	Area	RT
1	Ethanol	1217	1.042
2	n-Propanol	2626	1.709
Tot			

RF



Ethanol 0.102 g/100 mL



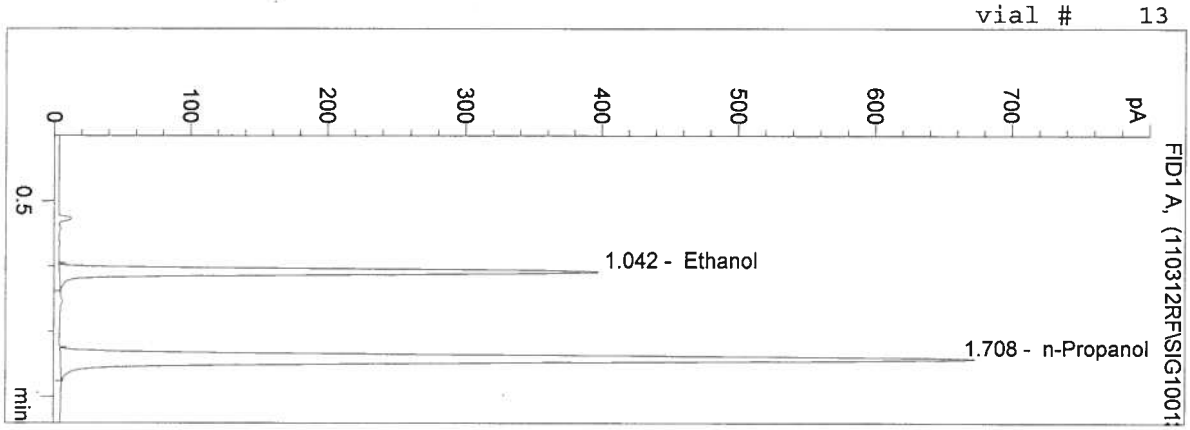
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:22:17 AM
Instrument 1
DB-ALC1

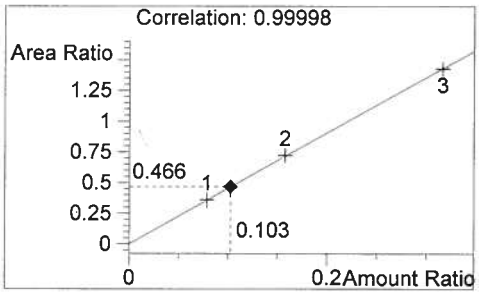
11011 #4
Rebecca Flaherty

vial # 13

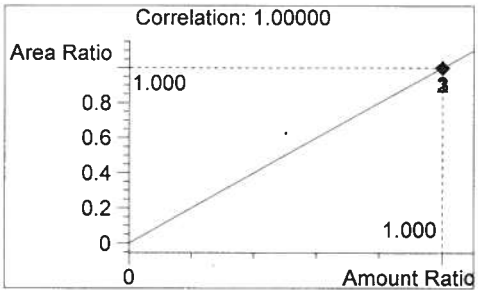


#	Compound	Area	RT
1	Ethanol	1216	1.042
2	n-Propanol	2607	1.708
Tot			

RF



Ethanol 0.103 g/100 mL



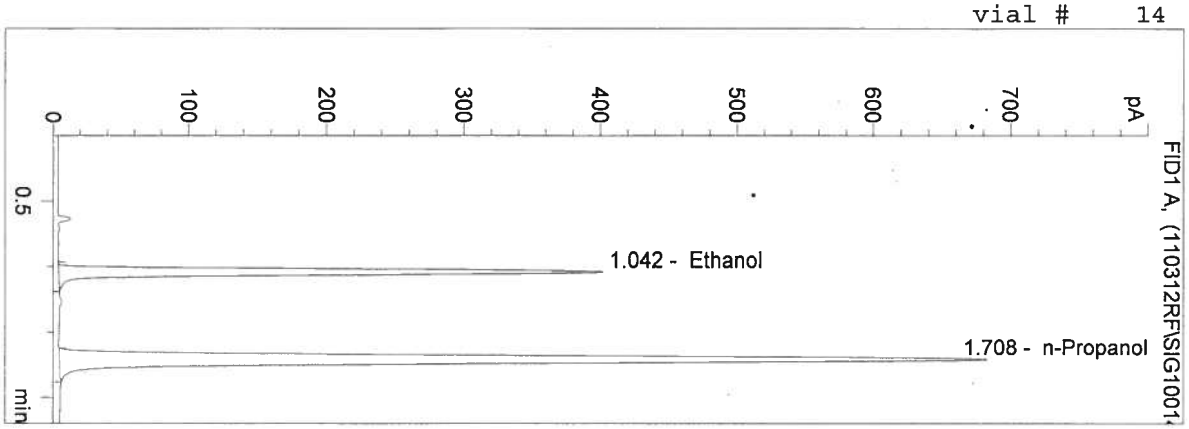
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:25:22 AM
Instrument 1
DB-ALC1

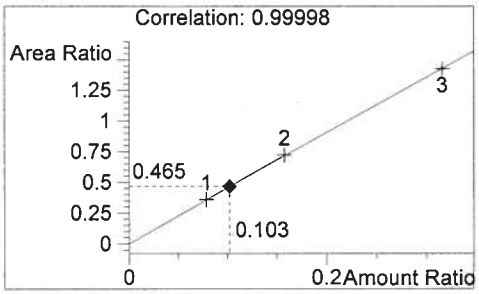
11011 #5
Rebecca Flaherty

vial # 14

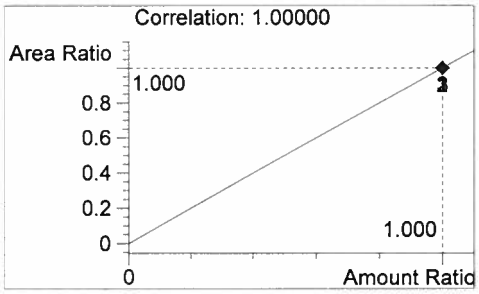


#	Compound	Area	RT
1	Ethanol	1234	1.042
2	n-Propanol	2651	1.708
Tot			

RF



Ethanol 0.103 g/100 mL



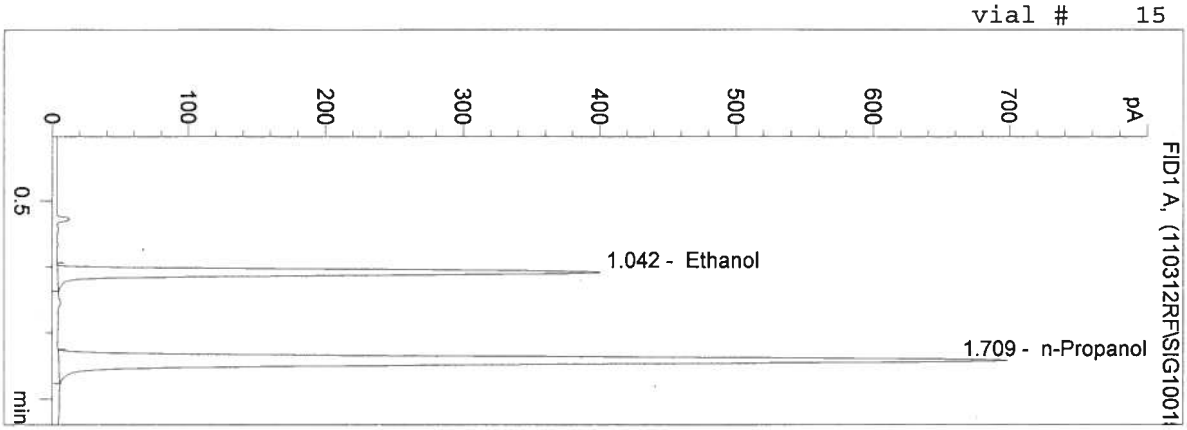
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:28:27 AM
Instrument 1
DB-ALC1

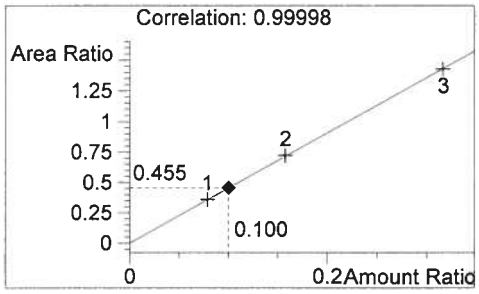
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

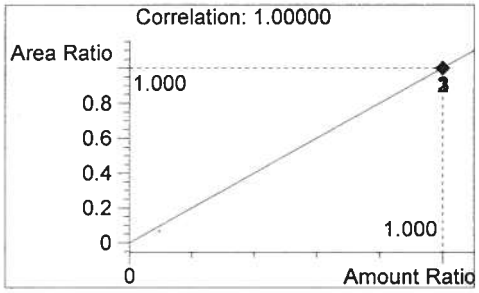


#	Compound	Area	RT
1	Ethanol	1233	1.042
2	n-Propanol	2712	1.709
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

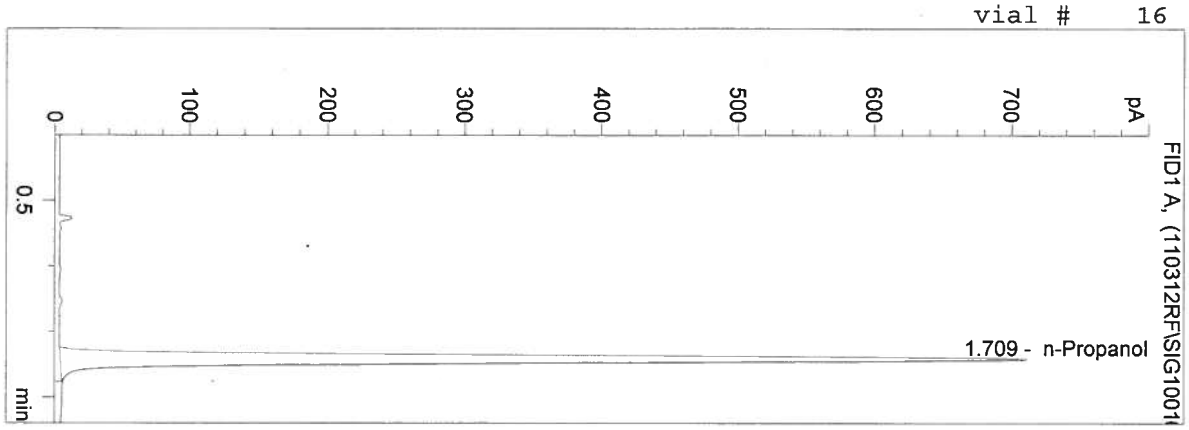
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/12/2011 11:31:32 AM
Instrument 1
DB-ALC1

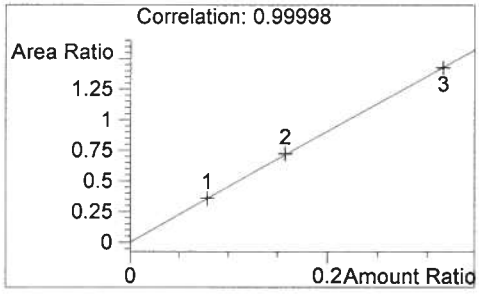
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

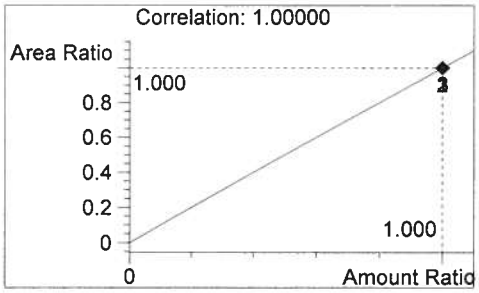


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2766	1.709
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

Sequence: C:\HPCHEM\1\SEQUENCE\JKEXTSTD.S

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:	110413JU
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	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	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	11011-1	SIMALC1	1	Sample		
11	Vial 11	11011-2	SIMALC1	1	Sample		
12	Vial 12	11011-3	SIMALC1	1	Sample		
13	Vial 13	11011-4	SIMALC1	1	Sample		
14	Vial 14	11011-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

11011

Sequence Table (Back Injector):

No entries - empty table!

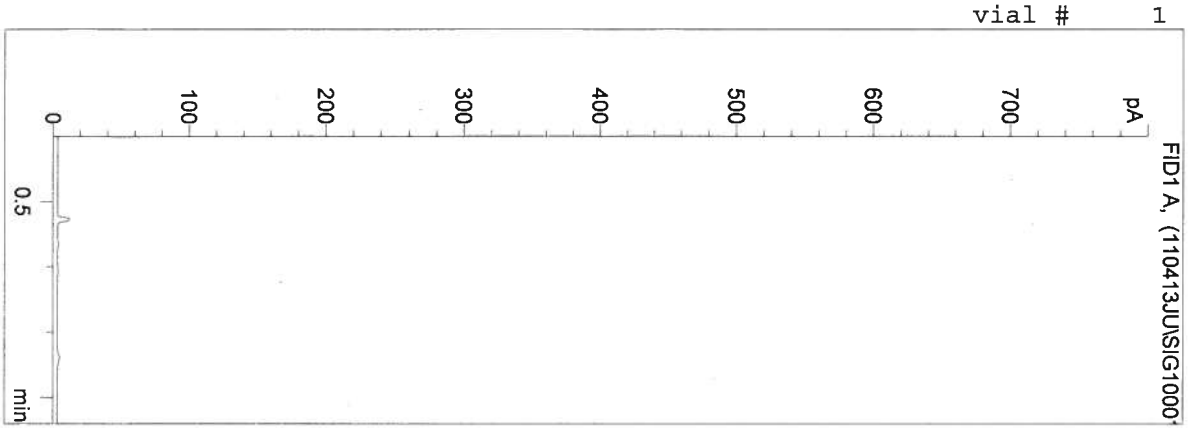
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

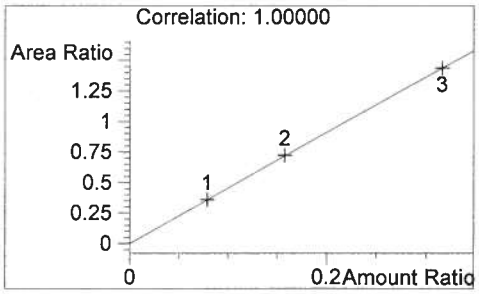
C:\HPCHEM\1\METHODS\SIMALC1.M
4/13/2011 11:02:47 AM
Instrument 1
DB-ALC1

BLANK
Justin Knoy

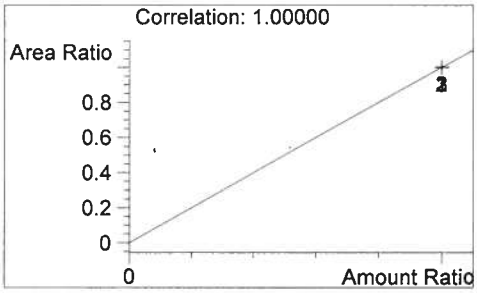
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

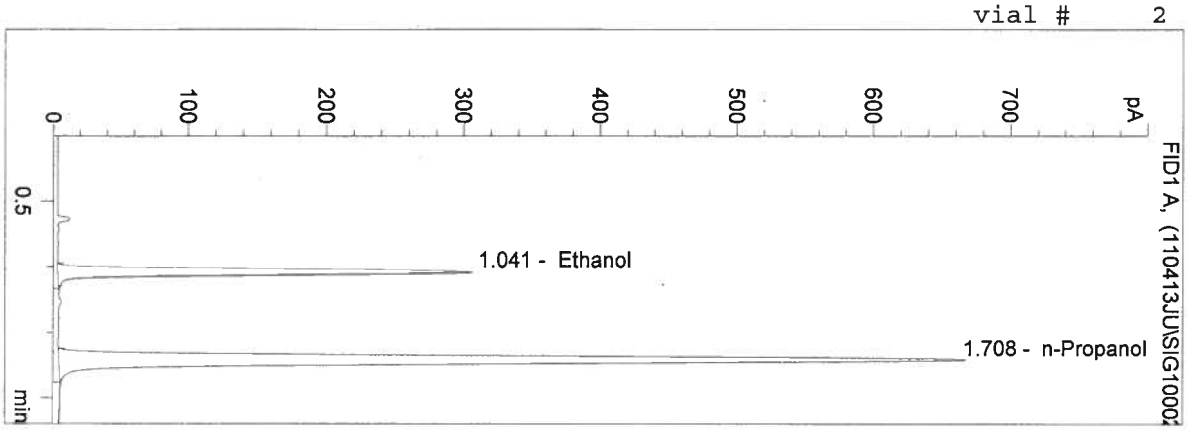
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

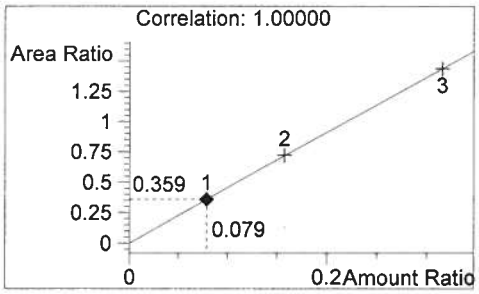
C:\HPCHEM\1\METHODS\SIMALC1.M
4/13/2011 11:05:52 AM
Instrument 1
DB-ALC1

0.079 CAL
Justin Knoy

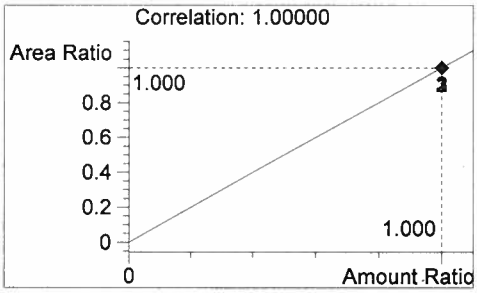
vial # 2



#	Compound	Area	RT
1	Ethanol	927	1.041
2	n-Propanol	2583	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

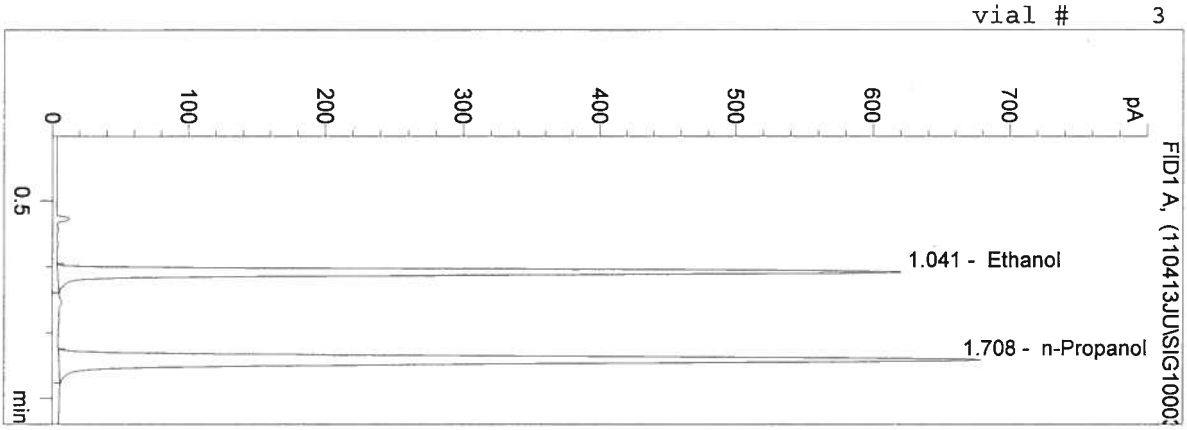
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

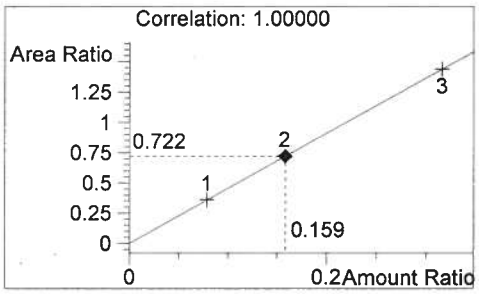
C:\HPCHEM\1\METHODS\SIMALC1.M
4/13/2011 11:08:57 AM
Instrument 1
DB-ALC1

0.158 CAL
Justin Knoy

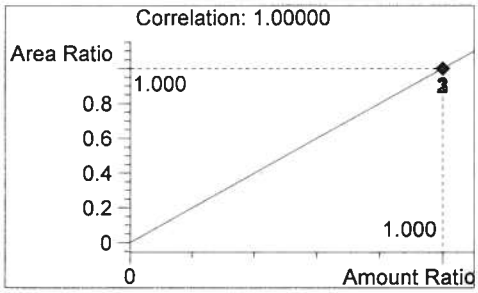
vial # 3



#	Compound	Area	RT
1	Ethanol	1895	1.041
2	n-Propanol	2624	1.708
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

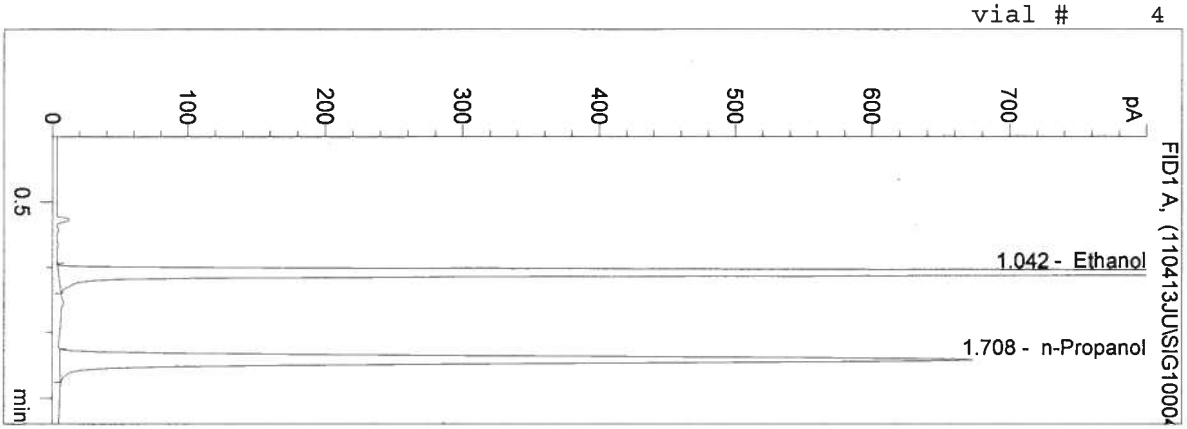
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

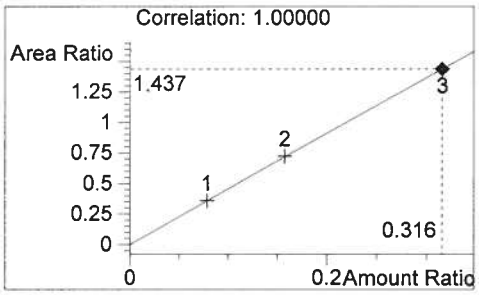
C:\HPCHEM\1\METHODS\SIMALC1.M
4/13/2011 11:12:02 AM
Instrument 1
DB-ALC1

0.316 CAL
Justin Knoy

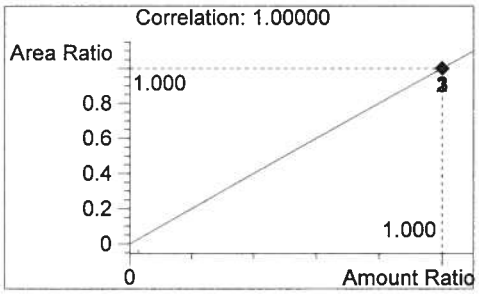
vial # 4



#	Compound	Area	RT
1	Ethanol	3733	1.042
2	n-Propanol	2598	1.708
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

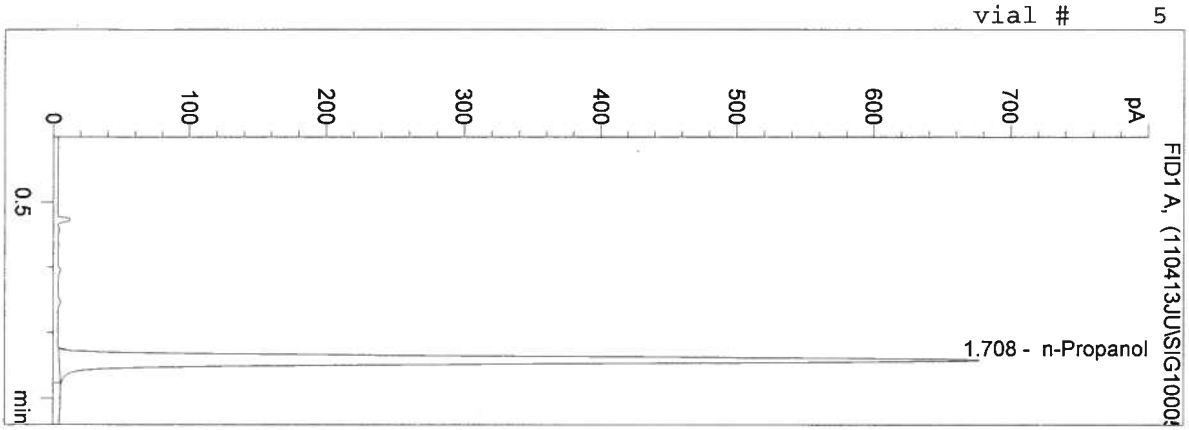
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

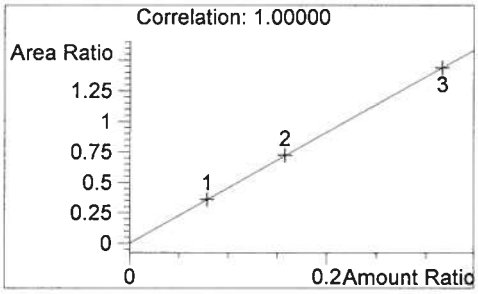
C:\HPCHEM\1\METHODS\SIMALC1.M
4/13/2011 11:15:07 AM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

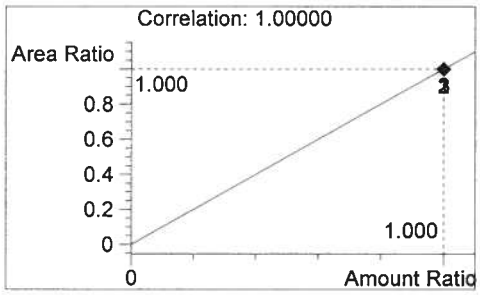
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2619	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

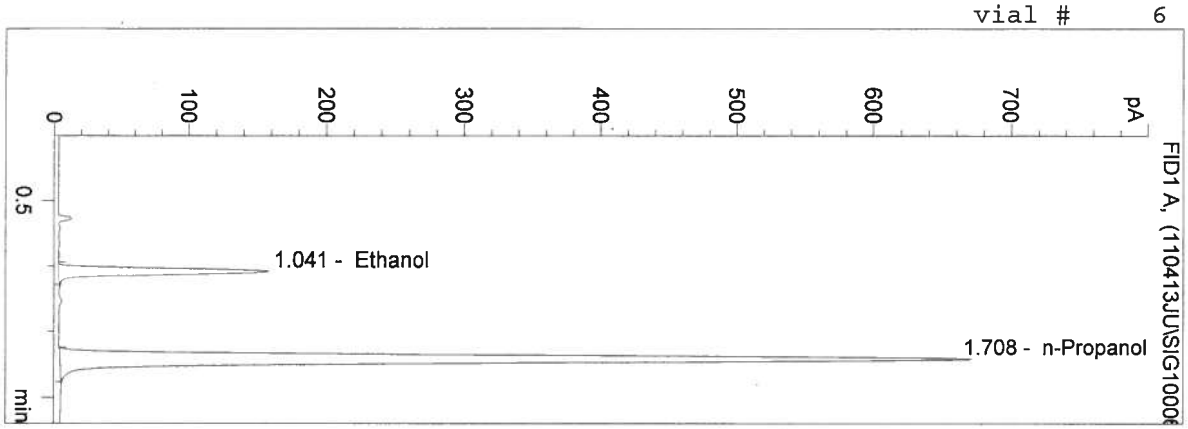
11011

WASHINGTON STATE TOXICOLOGY LABORATORY

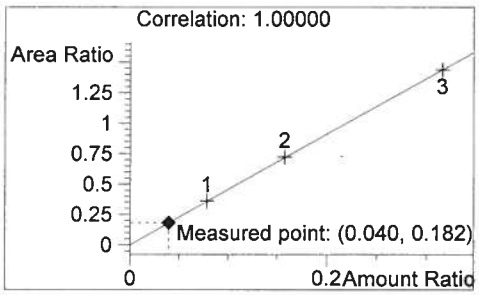
C:\HPCHEM\1\METHODS\SIMALC1.M
4/13/2011 11:18:11 AM
Instrument 1
DB-ALC1

0.04 CTRL JK
Justin Knoy

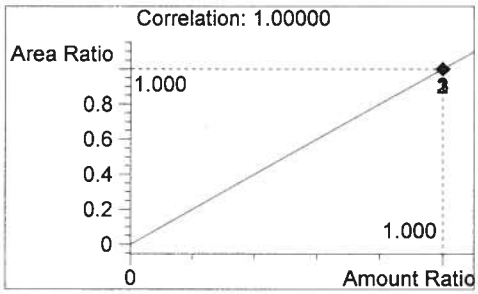
vial # 6



#	Compound	Area	RT
1	Ethanol	472	1.041
2	n-Propanol	2596	1.708
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

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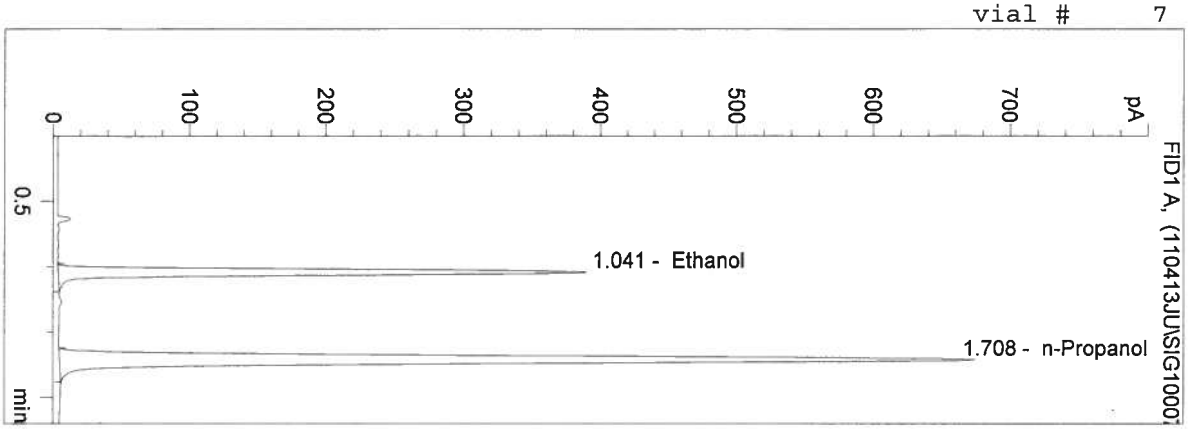
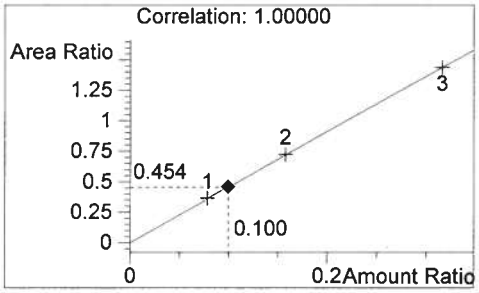
4/13/2011 11:21:16 AM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

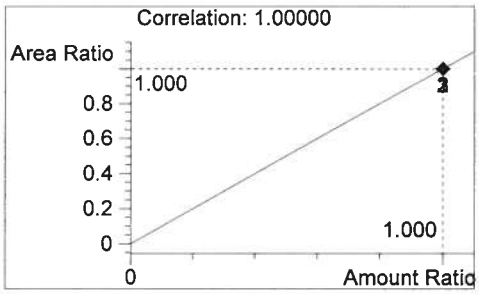
vial # 7



#	Compound	Area	RT
1	Ethanol	1184	1.041
2	n-Propanol	2607	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11011

WASHINGTON STATE TOXICOLOGY LABORATORY

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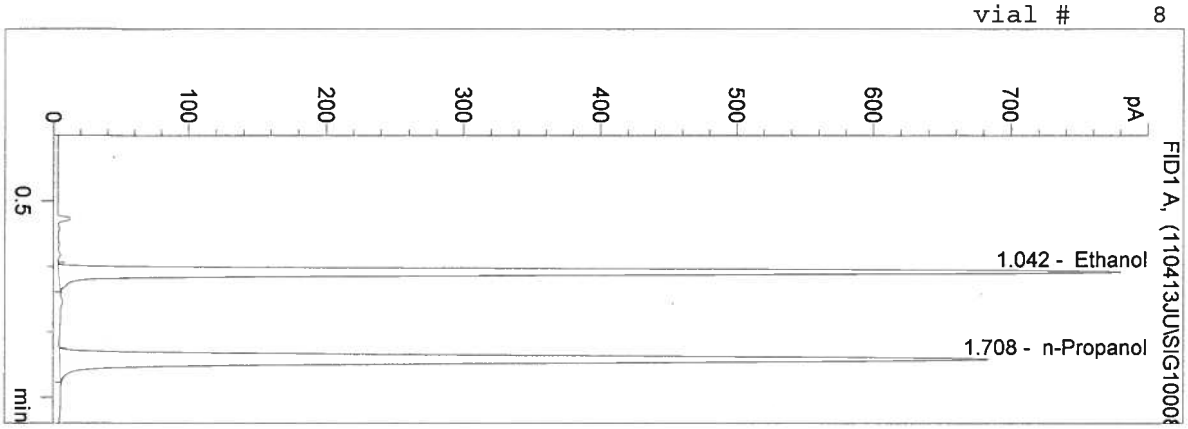
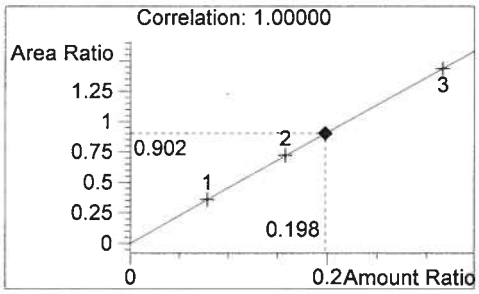
4/13/2011 11:24:21 AM
Instrument 1
DB-ALC1

0.20 CTRL JK
Justin Knoy

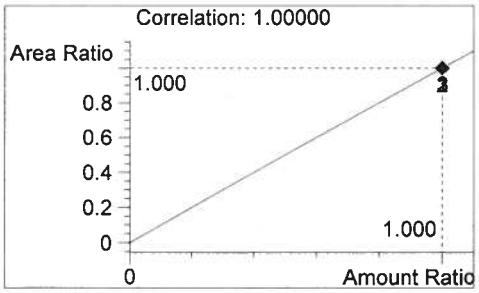
vial # 8



#	Compound	Area	RT
1	Ethanol	2388	1.042
2	n-Propanol	2647	1.708
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

11011

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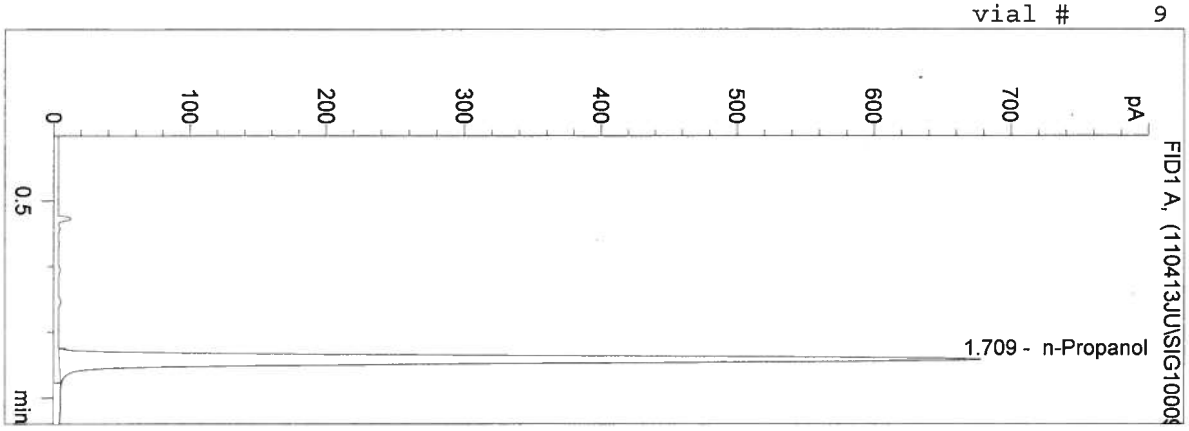
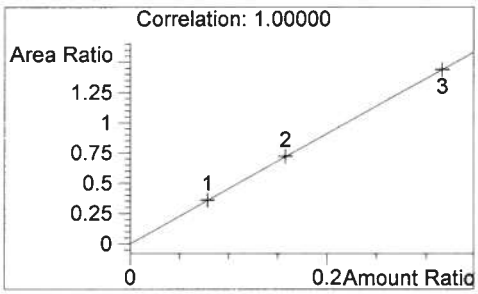
4/13/2011 11:27:26 AM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

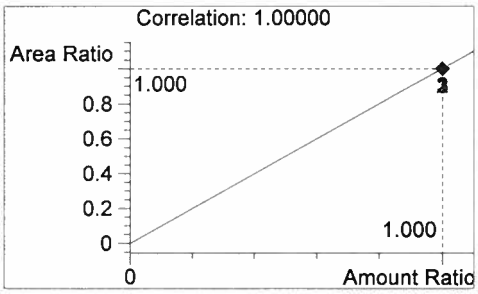
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2625	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

WASHINGTON STATE TOXICOLOGY LABORATORY

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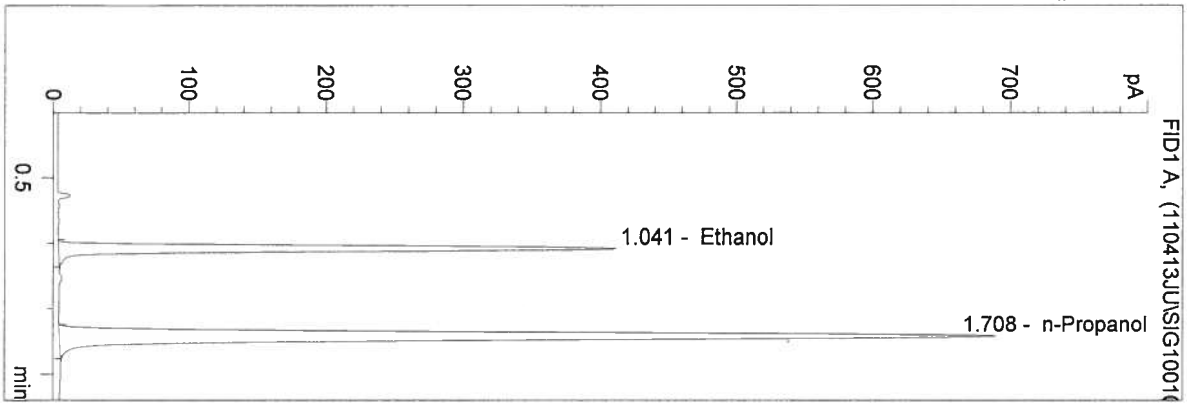
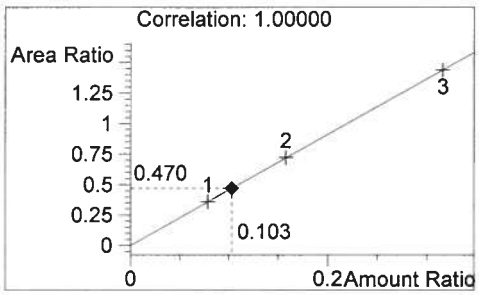
4/13/2011 11:30:30 AM
Instrument 1
DB-ALC1

11011-1
Justin Knoy

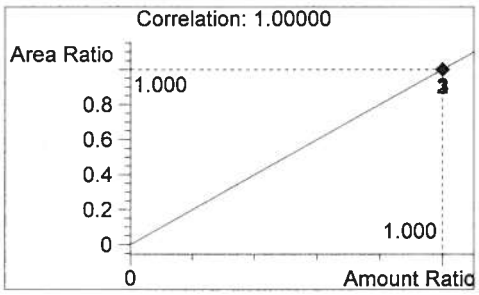
vial # 10



#	Compound	Area	RT
1	Ethanol	1254	1.041
2	n-Propanol	2666	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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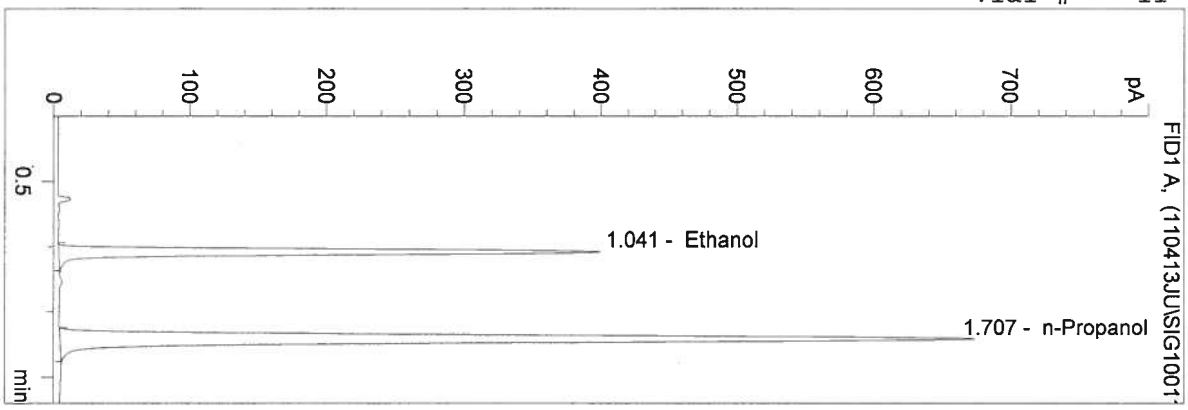
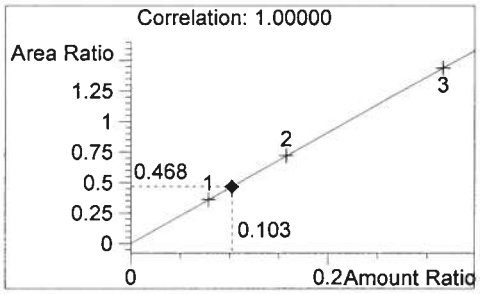
4/13/2011 11:33:35 AM
Instrument 1
DB-ALC1

11011-2
Justin Knoy

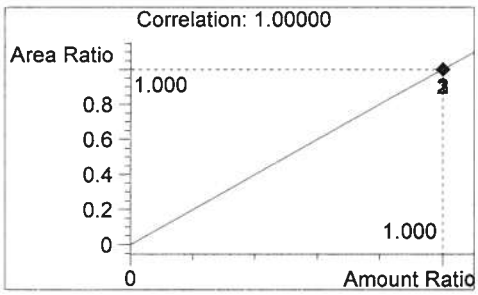
vial # 11



#	Compound	Area	RT
1	Ethanol	1214	1.041
2	n-Propanol	2593	1.707
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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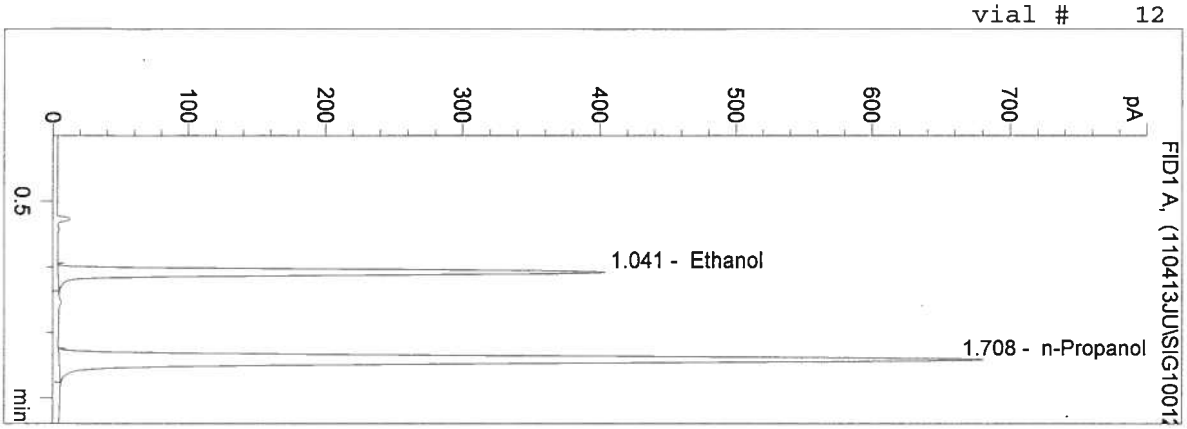
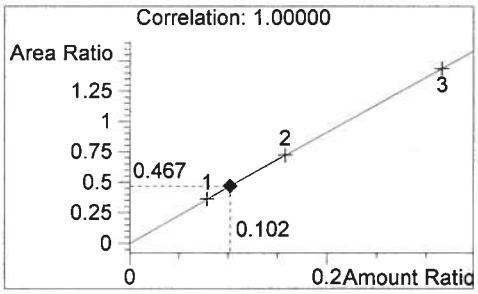
4/13/2011 11:36:40 AM
Instrument 1
DB-ALC1

11011-3
Justin Knoy

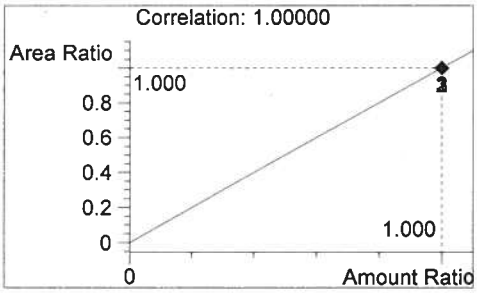
vial # 12



#	Compound	Area	RT
1	Ethanol	1226	1.041
2	n-Propanol	2626	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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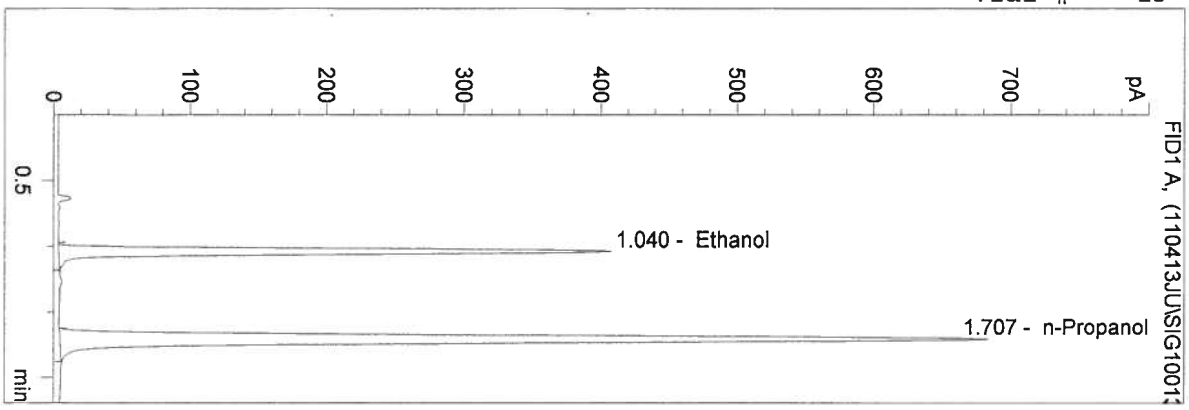
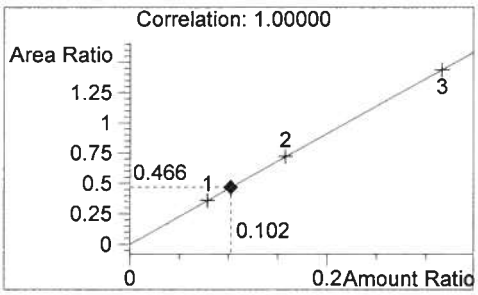
4/13/2011 11:39:44 AM
Instrument 1
DB-ALC1

11011-4
Justin Knoy

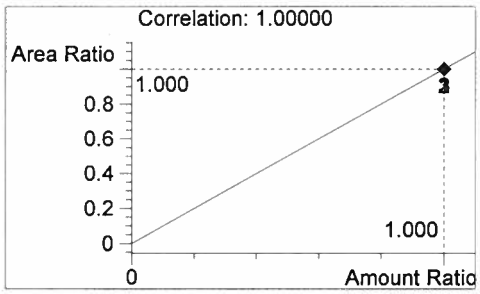
vial # 13



#	Compound	Area	RT
1	Ethanol	1228	1.040
2	n-Propanol	2634	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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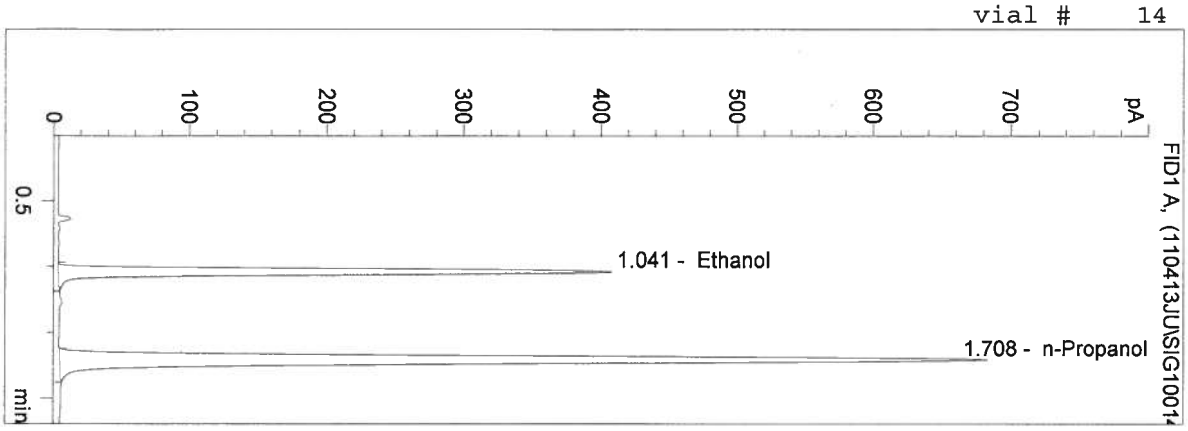
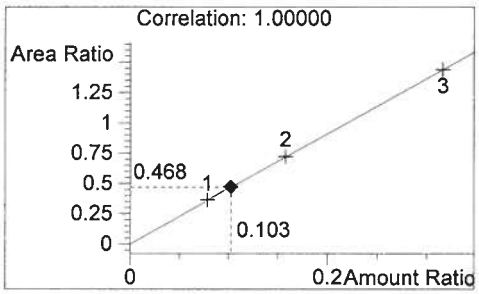
4/13/2011 11:42:49 AM 11011-5
Instrument 1 Justin Knoy
DB-ALC1

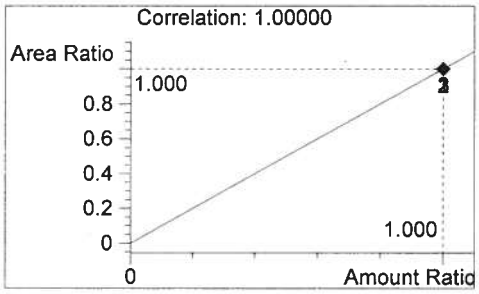
vial # 14



#	Compound	Area	RT
1	Ethanol	1233	1.041
2	n-Propanol	2634	1.708
Tot			



Ethanol 0.103 g/100 mL



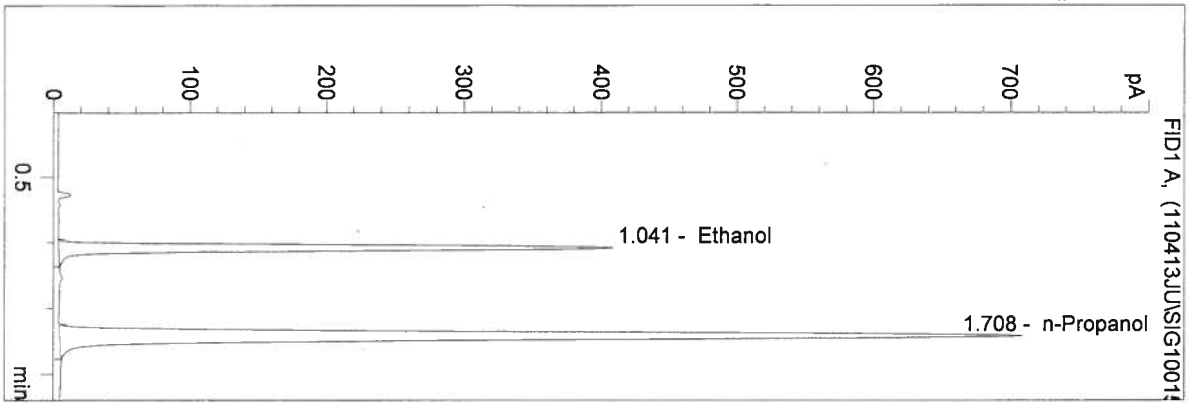
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

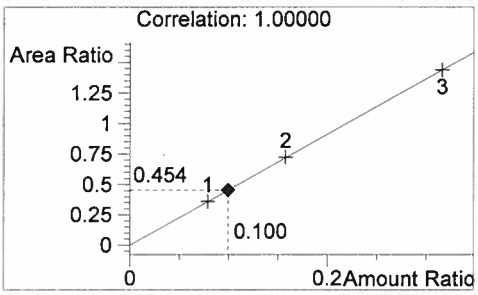
C:\HPCHEM\1\METHODS\SIMALC1.M
4/13/2011 11:45:54 AM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

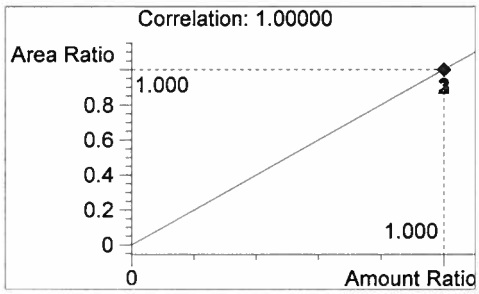
vial # 15



#	Compound	Area	RT
1	Ethanol	1239	1.041
2	n-Propanol	2731	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11011

WASHINGTON STATE TOXICOLOGY LABORATORY

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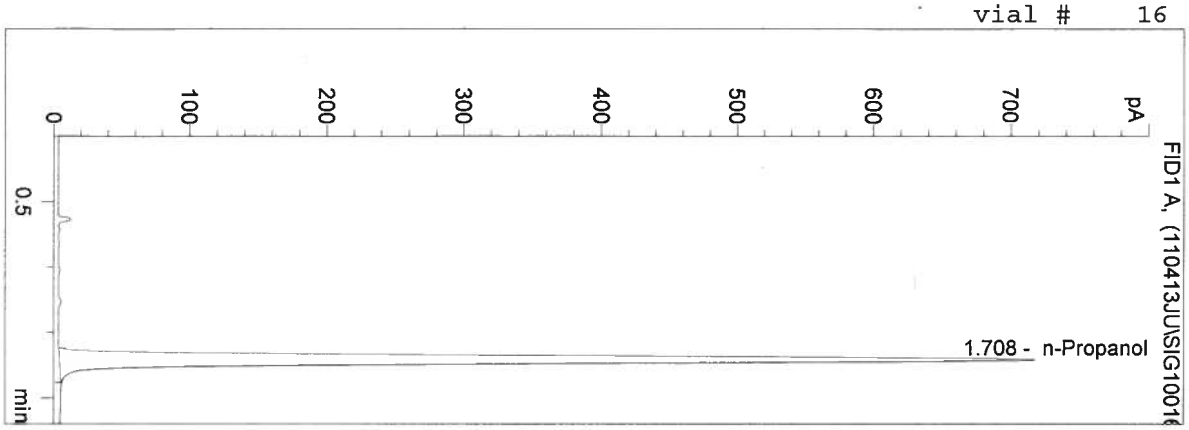
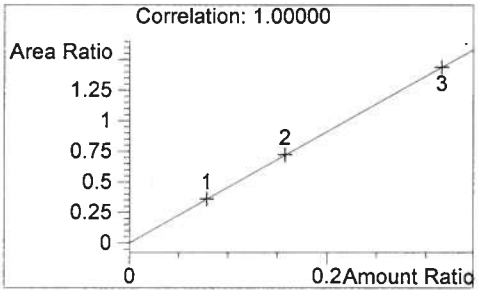
4/13/2011 11:48:59 AM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

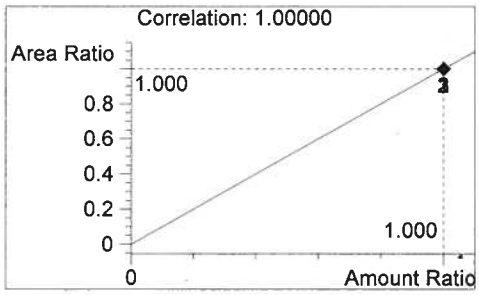
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2774	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11011

WSP-TLD	COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEET

Preparation Date: 4/7/2011 Initials of Preparer: CM

Expiration Date: 4/7/2012

Lot # of 200-proof Ethanol used in preparation: ZT0426

Date the 200-proof Ethanol bottle was opened: 3/21/11

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	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	11011

Stir bar is rotating	☑	
Stirred for minimum 30 minutes; 2 hours for ESS	☑	
Spigot purged	☑	
Aliquot taken	☑	
Batch labeled, packaged and sealed	☑	4/7/11 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:

Christie Mikkelsen
Analyst Signature

4/7/11
Date