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

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/18/2008

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 11033

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: 08/01/2011
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Rebecca Flaherty

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

ETHANOL CONTROL INFORMATION
LOT NUMBER: A075806 EXPIRATION: 11/2014 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1020 g/100mL
STANDARD DEVIATION: 0.00122
PRECISION CV (%): 1.20
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0829 g/210L**
EXPANDED UNCERTAINTY: ± 0.0032 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 8-23-2011
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
RF	Rebecca Flaherty		08/01/2011
AJL	Asa J. Louis	A. Louis	08/01/2011
CM	Christie Mitchell		08/02/2011
CSJ	Christopher S. Johnston		08/03/2011
DC	Dawn Cox		08/03/2011
JLK	Justin L. Knoy		08/03/2011
SS	Sarah Swenson		08/05/2011
BP	Brianna Peterson	Brianna Peterson	08/08/2011

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 #: 11033 **Date Prepared: 8/1/2011**

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

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001429430	0.0001111068	0.0001016326

Ethanol Control Lot #: A075806
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1020 g/100mL
Standard Deviation: 0.00122 g/100mL
Precision CV (%): 1.20
Equivalent Vapor Concentration: 0.0829 g/210L
Combined Standard Uncertainty (±): 0.0016 g/210L
Expanded Uncertainty (±): 0.0032 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Ruberton [signature] 8.18.11
Name Signature Date

Calculations verified by: JASON SKLEROV [signature] AUGUST 23, 2011
Name Signature Date

Method: HAND CALCULATOR

Technical review of batch file performed by:

Melissa L. Ruberton [signature] 8.23.11
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Jason H. Sklerov **Date:** 08/23/11

Location: WSP - FLSB; Seattle, WA **Solution Batch Number:** 11033

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

Comments:

Reviewer Signature: (SKLEROV) **Date:** August 23, 2011

Reviewer Signature: N/A JHS 8/23/11 **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	2011 08 19
Brian Capron		
Brianna Peterson	BP	8/18/11
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell	CM	8/23/11
Christopher Johnston	CJ	8.19.11
Dawn Cox	DC	8.19.11
Justin Knoy	JK	8.18.11
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	8.18.11
Sarah Swenson	SMS	8/19/11

Batch # 11033

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 11033

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 11033, was prepared in the Washington State Toxicology Laboratory on 8/1/2011. 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 8/1/2012.

Seattle, WA

8·18·11

Rebecca Flaherty Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE PATROL
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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 11033

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 11033, was prepared in the Washington State Toxicology Laboratory on 8/1/2011. 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 8/1/2012.

Seattle, WA

20110819

Asa J. Louis — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE TOXICOLOGY LABORATORY
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11033

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 11033, was prepared in the Washington State Toxicology Laboratory on 8/1/2011. 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 8/1/2012.

Seattle, WA

Christie Mitchell 8/23/2011

Christie Mitchell Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11033

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 11033, was prepared in the Washington State Toxicology Laboratory on 8/1/2011. 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 8/1/2012.

Seattle, WA

Dawn Cox 8/~~18~~ 19.11 DC 8.19.11

Dawn Cox Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11033

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 11033, was prepared in the Washington State Toxicology Laboratory on 8/1/2011. 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 8/1/2012.

Seattle, WA

Justin L. Knoy 8.18.11

Justin L. Knoy — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11033

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 11033, was prepared in the Washington State Toxicology Laboratory on 8/1/2011. 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 8/1/2012.

Seattle, WA

Chris S. Johnston 8/19/2011

Christopher S. Johnston Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11033

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 11033, was prepared in the Washington State Toxicology Laboratory on 8/1/2011. 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 8/1/2012.

Seattle, WA

8/19/11

Sarah M. Swenson — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11033

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 11033, was prepared in the Washington State Toxicology Laboratory on 8/1/2011. 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 8/1/2012.

Seattle, WA

Brianna Peterson 8/18/11

Brianna Peterson Date

Forensic Toxicologist

Sequence: C:\HPCHEM\2\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:	110801R2
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 # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

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	11033 #1	SIMALC1	1	Sample		
11	Vial 11	11033 #2	SIMALC1	1	Sample		
12	Vial 12	11033 #3	SIMALC1	1	Sample		
13	Vial 13	11033 #4	SIMALC1	1	Sample		
14	Vial 14	11033 #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	

11033

Sequence Table (Back Injector):

No entries - empty table!

RF

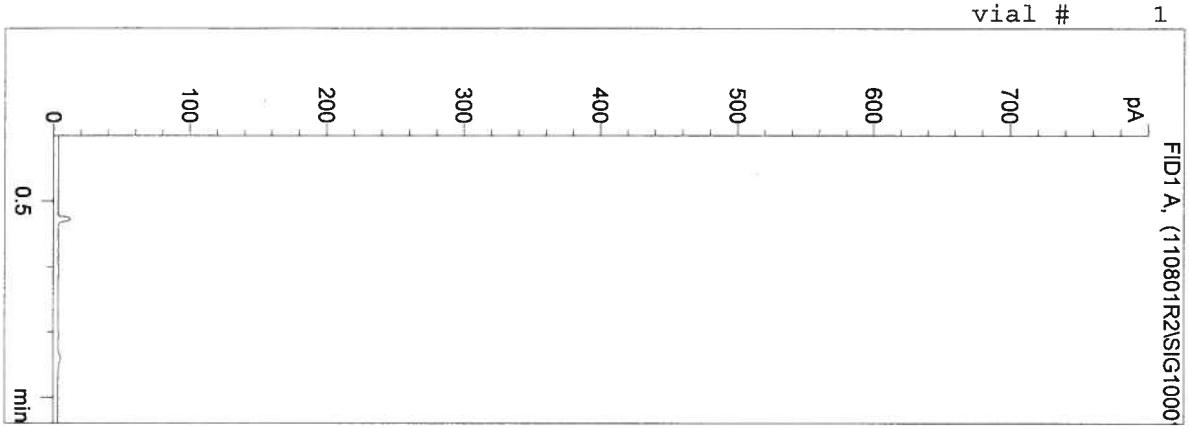
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 1:22:54 PM
Instrument 1
DB-ALC1

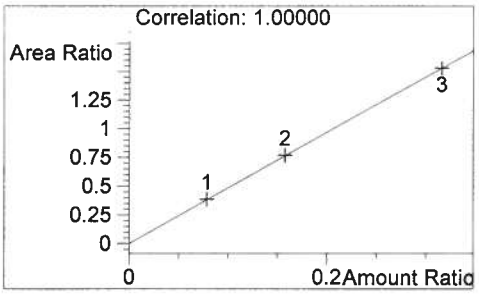
BLANK
Rebecca Flaherty

vial # 1

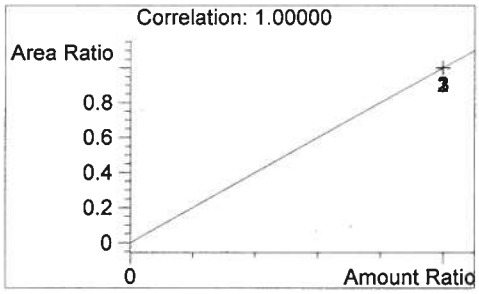


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11033

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
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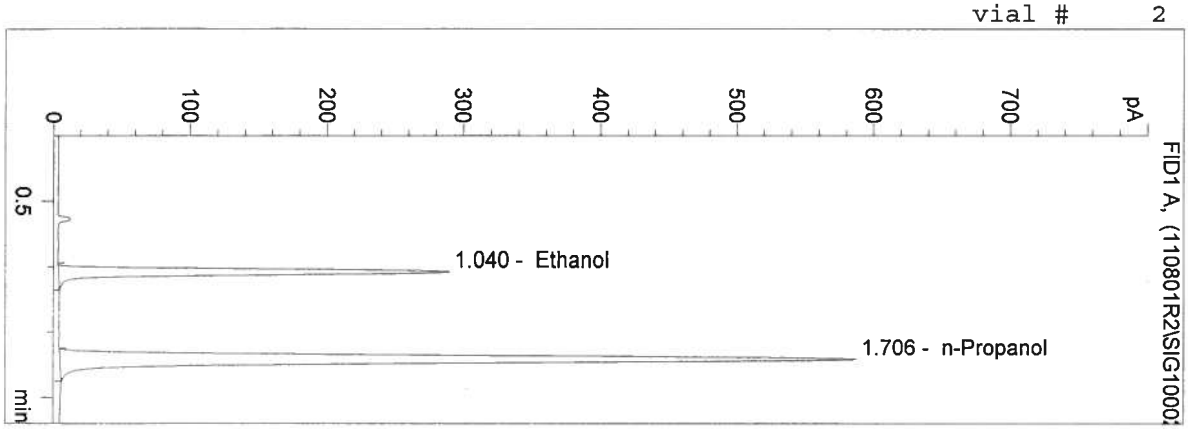
Instrument 1
DB-ALC1

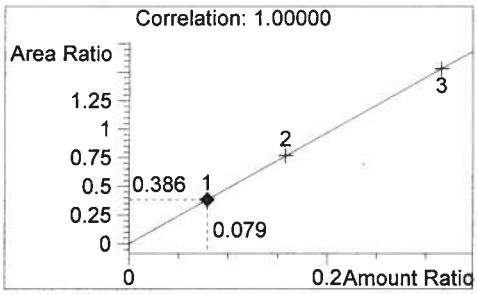
0.079 CAL 1
Rebecca Flaherty

vial # 2

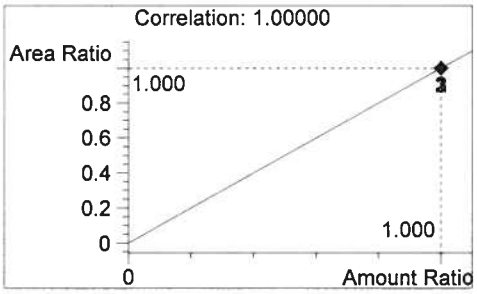


#	Compound	Area	RT
1	Ethanol	875	1.040
2	n-Propanol	2271	1.706
Tot			

RF



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

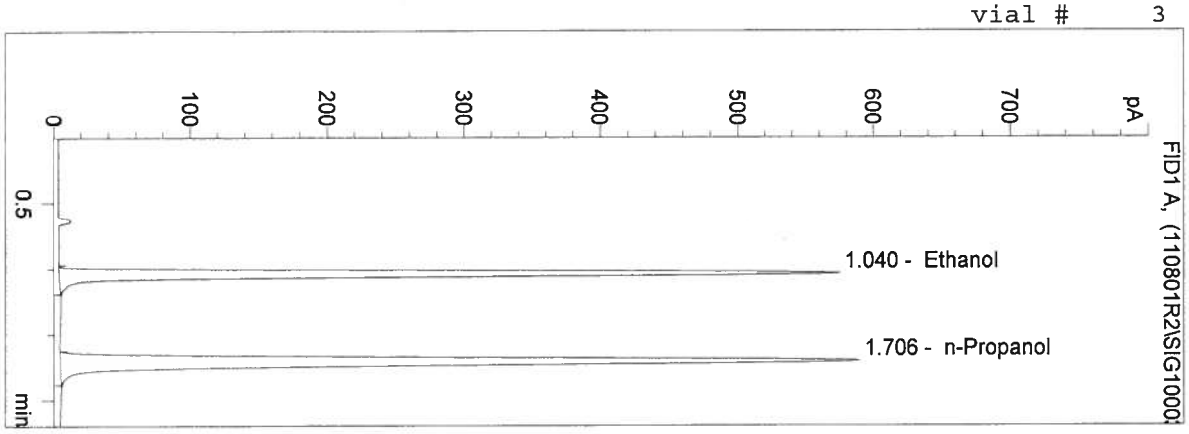
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 1:29:03 PM
Instrument 1
DB-ALC1

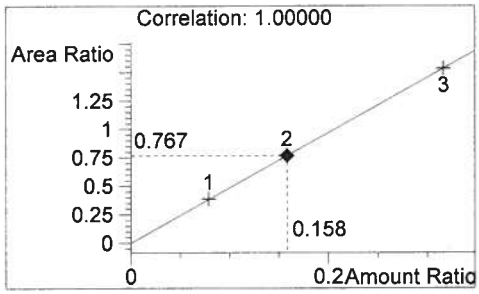
0.158 CAL 2
Rebecca Flaherty

vial # 3

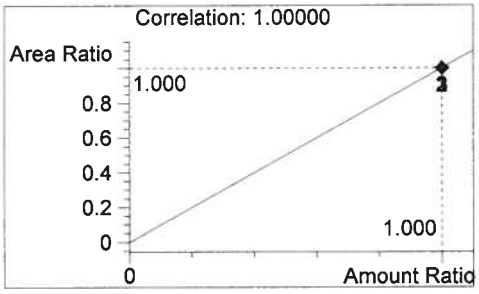


#	Compound	Area	RT
1	Ethanol	1747	1.040
2	n-Propanol	2277	1.706
Tot			

RF



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

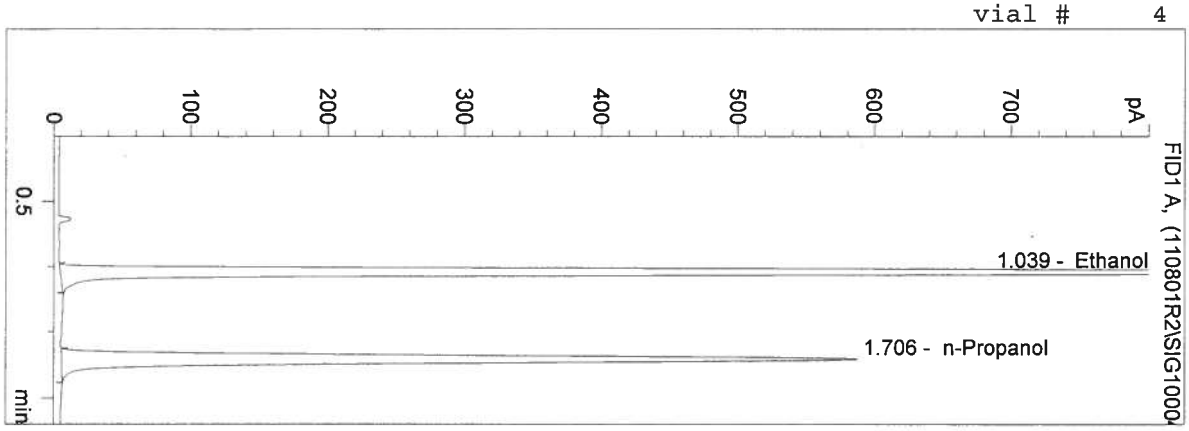
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 1:32:08 PM
Instrument 1
DB-ALC1

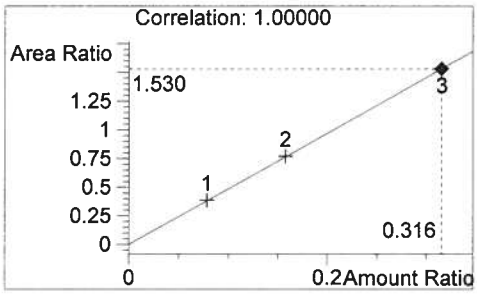
0.316 CAL 3
Rebecca Flaherty

vial # 4

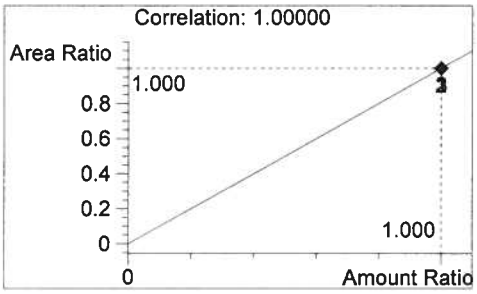


#	Compound	Area	RT
1	Ethanol	3463	1.039
2	n-Propanol	2264	1.706
Tot			

RF



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

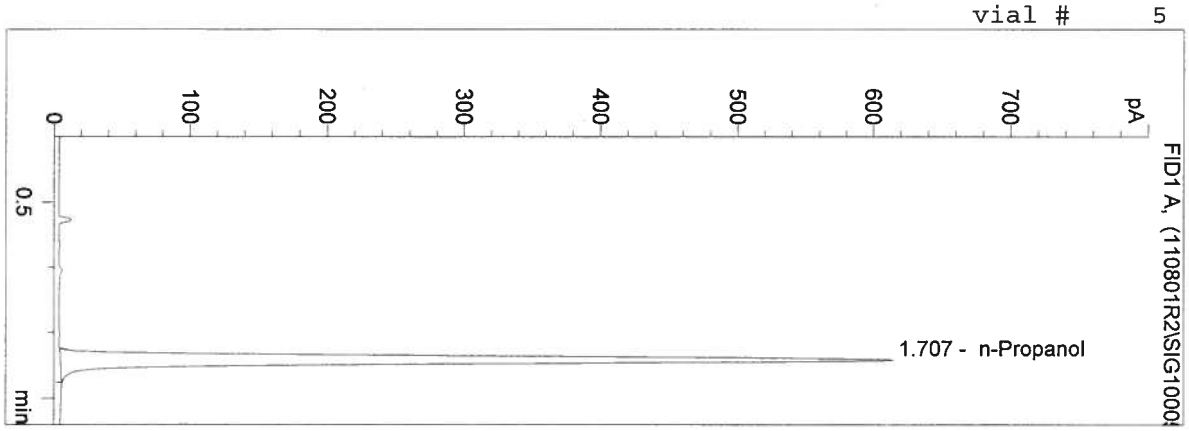
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 1:35:13 PM
Instrument 1
DB-ALC1

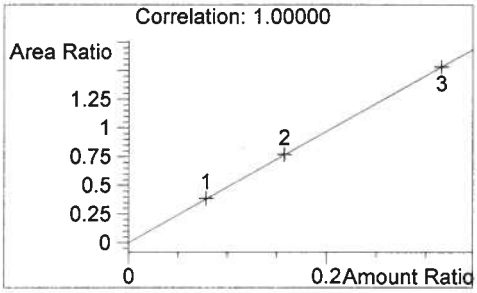
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

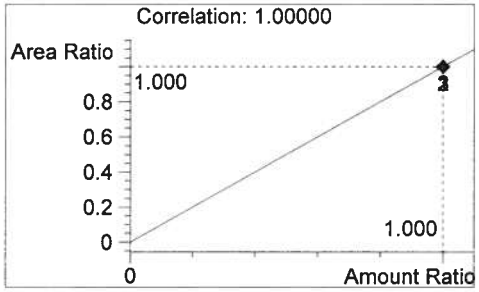


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2390	1.707
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

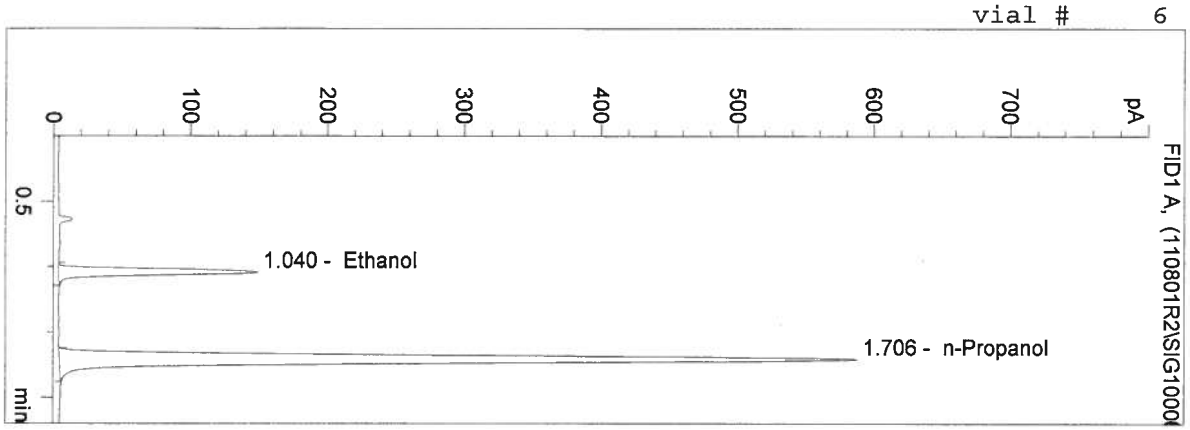
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 1:38:18 PM
Instrument 1
DB-ALC1

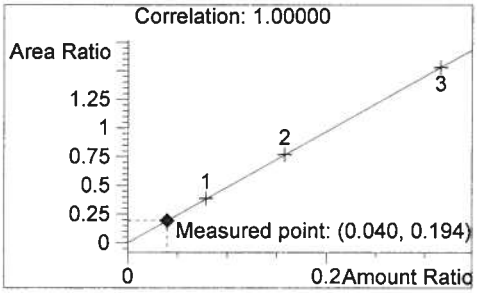
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

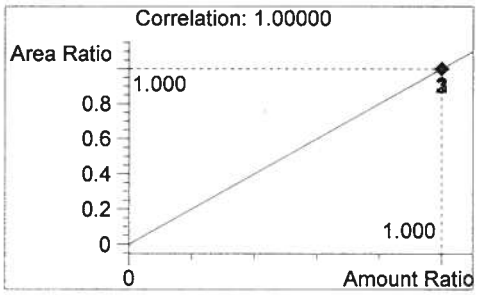


#	Compound	Area	RT
1	Ethanol	443	1.040
2	n-Propanol	2278	1.706
Tot			

RF



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

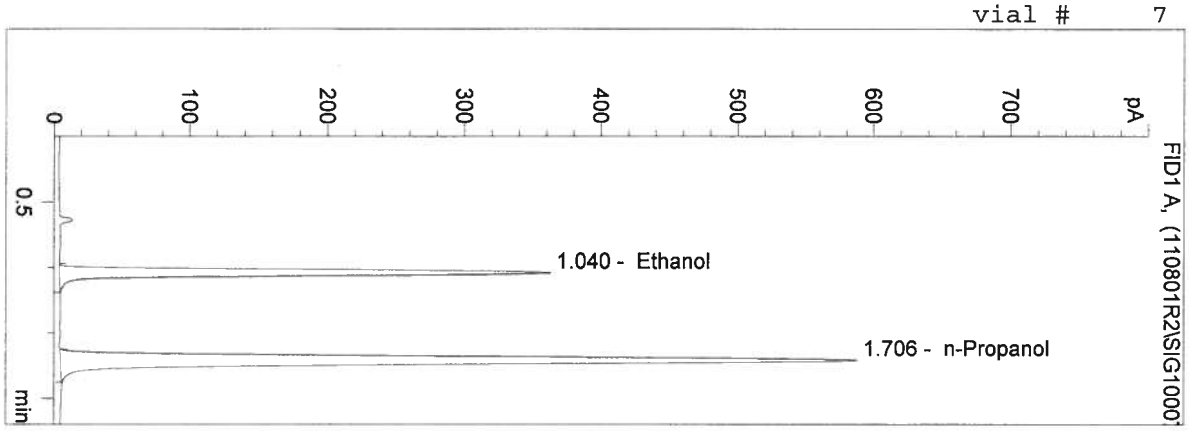
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 1:41:22 PM
Instrument 1
DB-ALC1

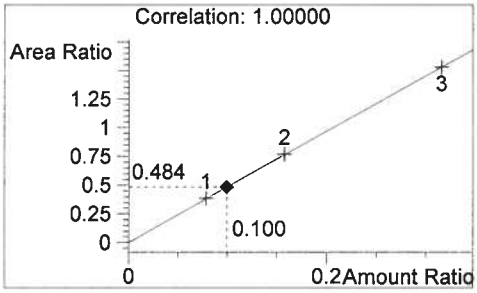
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

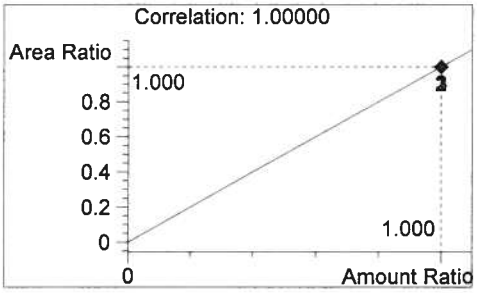


#	Compound	Area	RT
1	Ethanol	1101	1.040
2	n-Propanol	2276	1.706
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11033

WASHINGTON STATE TOXICOLOGY LABORATORY

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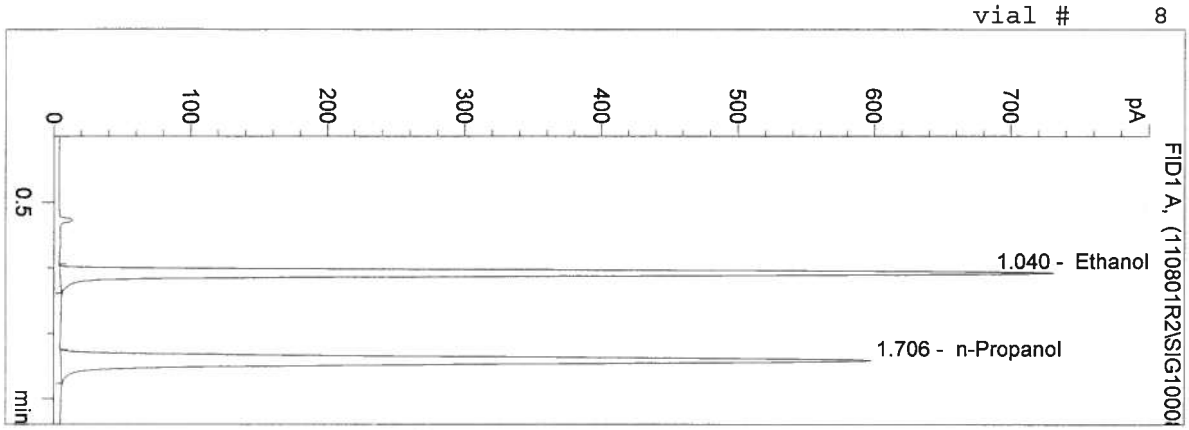
8/1/2011 1:44:27 PM
Instrument 1
DB-ALC1

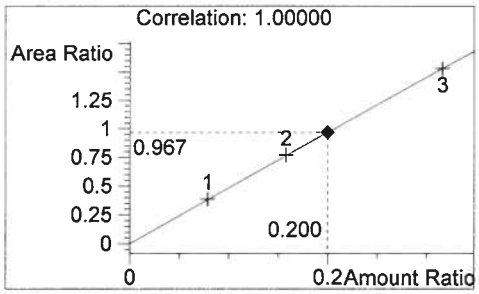
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

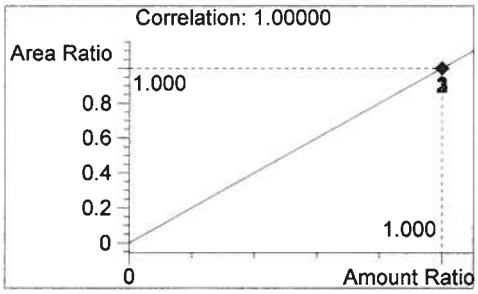


#	Compound	Area	RT
1	Ethanol	2236	1.040
2	n-Propanol	2311	1.706
Tot			

RF



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

11033

WASHINGTON STATE TOXICOLOGY LABORATORY

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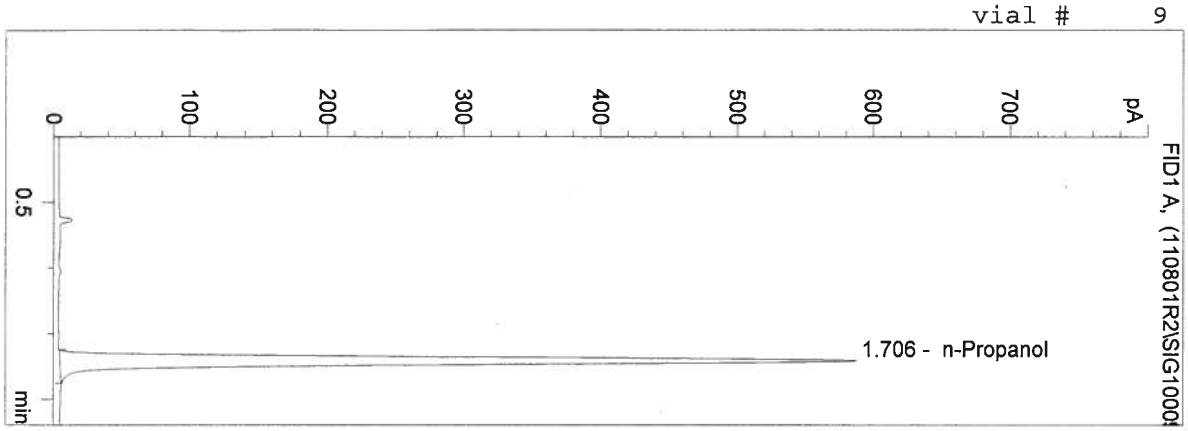
8/1/2011 1:47:32 PM
Instrument 1
DB-ALC1

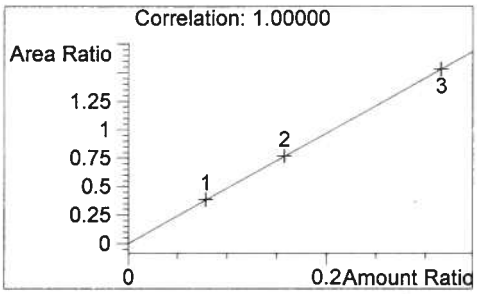
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

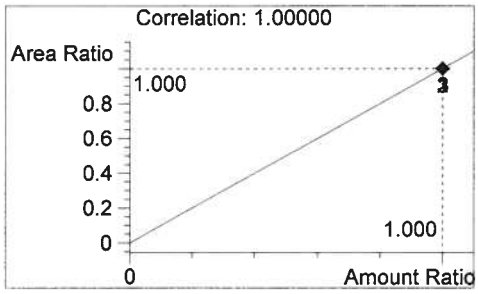


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2270	1.706
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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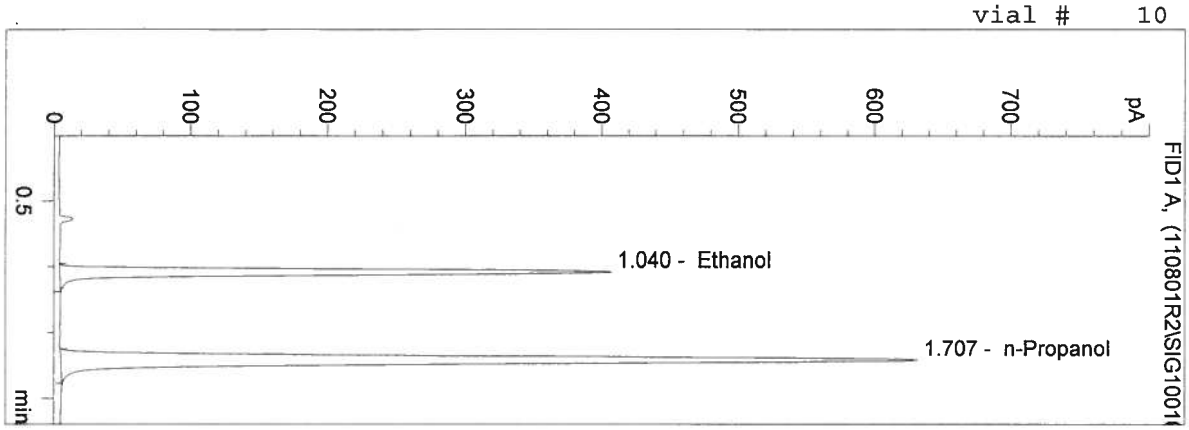
Instrument 1
DB-ALC1

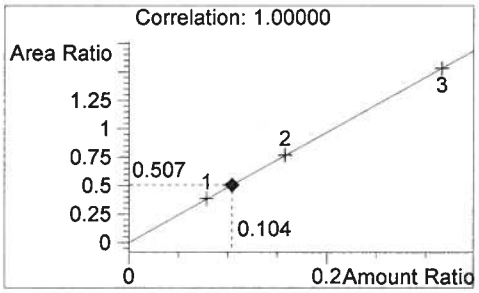
11033 #1
Rebecca Flaherty

vial # 10

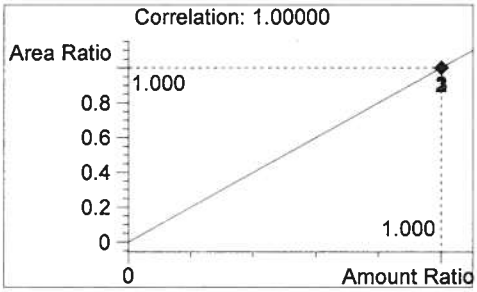


#	Compound	Area	RT
1	Ethanol	1246	1.040
2	n-Propanol	2457	1.707
Tot			

RF



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

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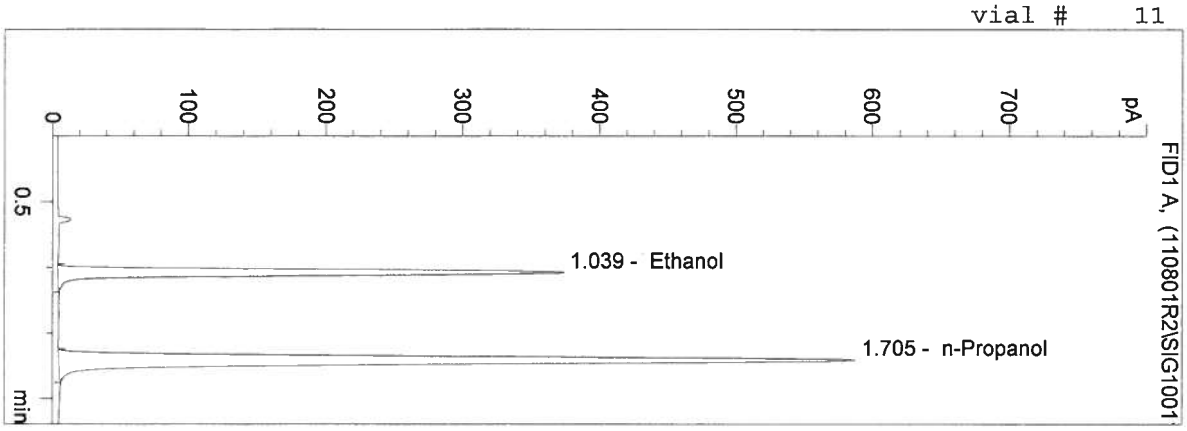
Instrument 1
DB-ALC1

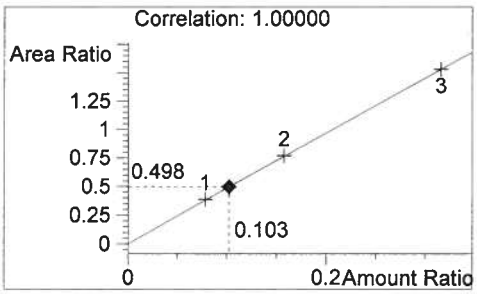
11033 #2
Rebecca Flaherty

vial # 11

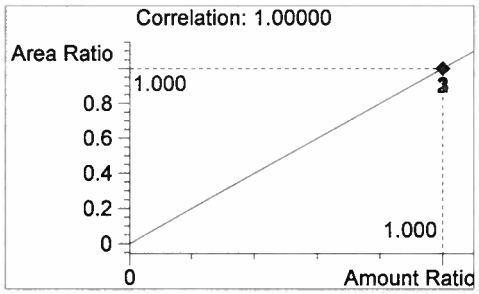


#	Compound	Area	RT
1	Ethanol	1133	1.039
2	n-Propanol	2274	1.705
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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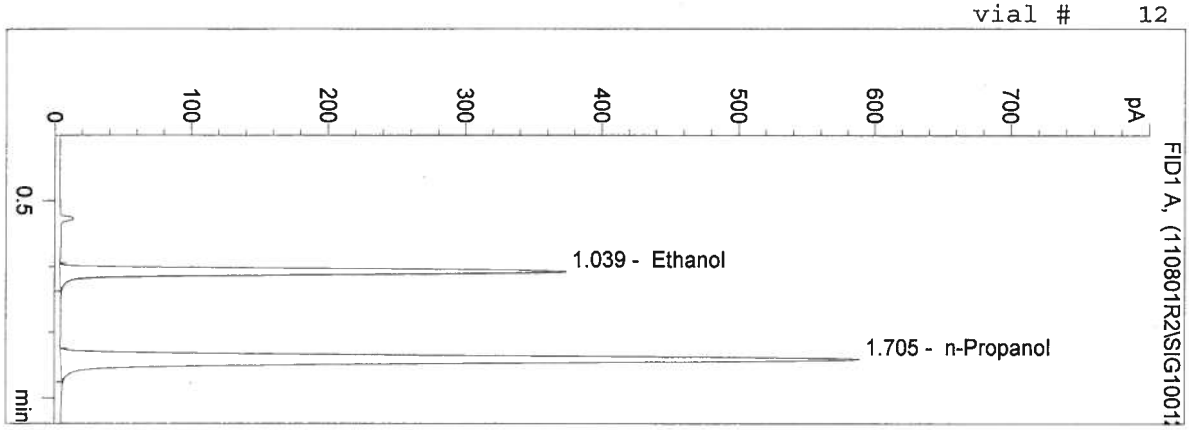
8/1/2011 1:56:47 PM
Instrument 1
DB-ALC1

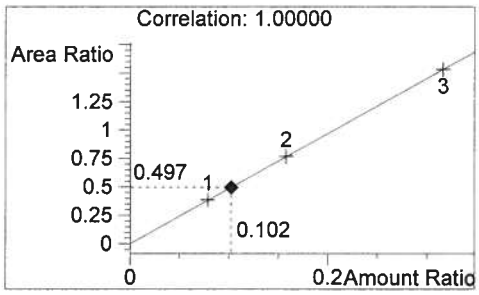
11033 #3
Rebecca Flaherty

vial # 12

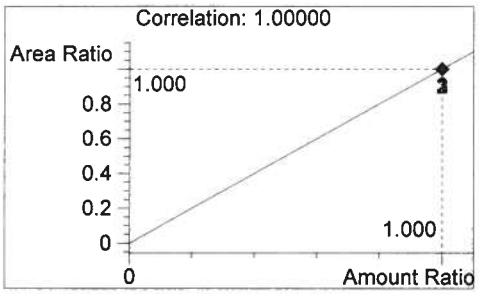


#	Compound	Area	RT
1	Ethanol	1130	1.039
2	n-Propanol	2275	1.705
Tot			

RJ



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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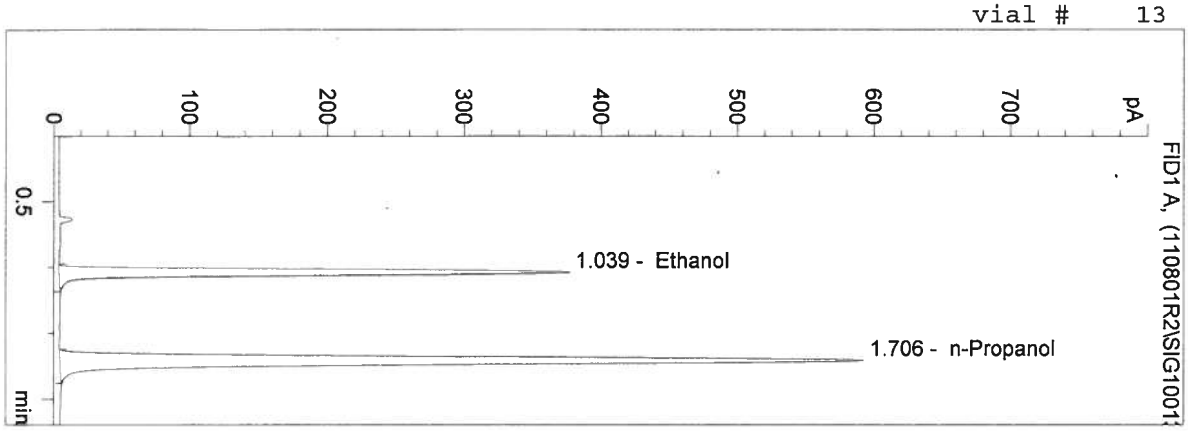
8/1/2011 1:59:51 PM
Instrument 1
DB-ALC1

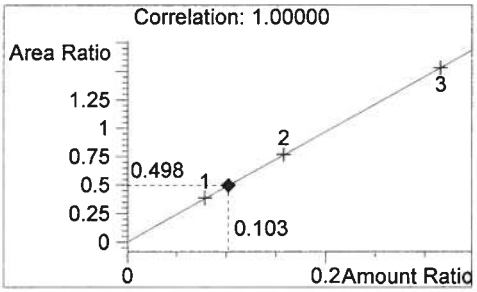
11033 #4
Rebecca Flaherty

vial # 13

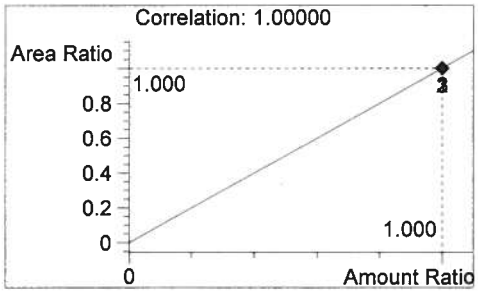


#	Compound	Area	RT
1	Ethanol	1139	1.039
2	n-Propanol	2288	1.706
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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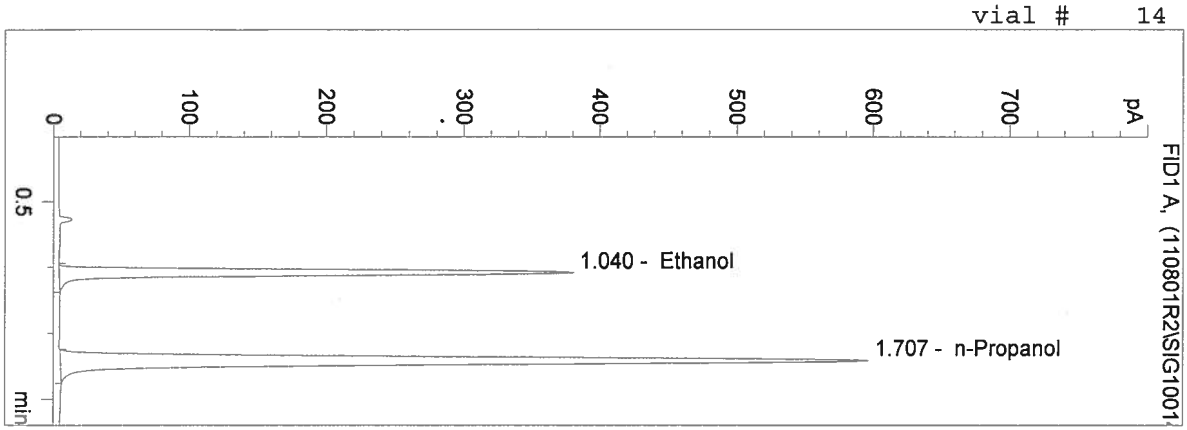
Instrument 1
DB-ALC1

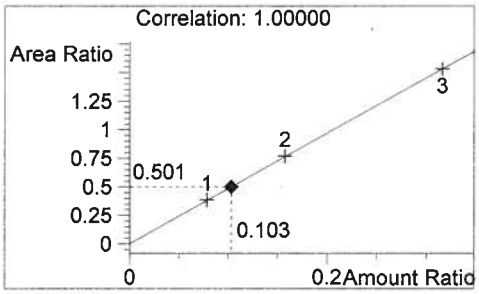
11033 #5
Rebecca Flaherty

vial # 14

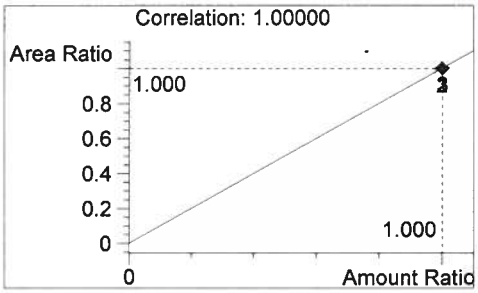


#	Compound	Area	RT
1	Ethanol	1157	1.040
2	n-Propanol	2308	1.707
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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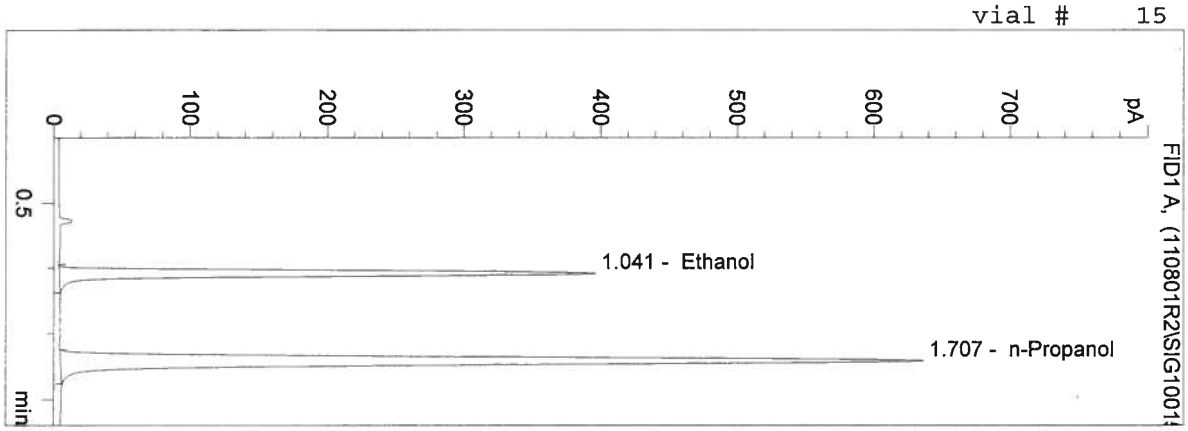
Instrument 1
DB-ALC1

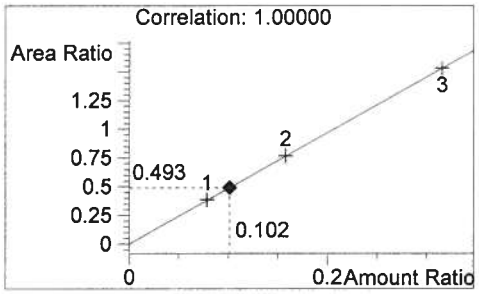
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

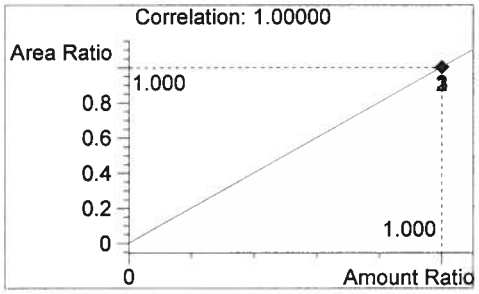


#	Compound	Area	RT
1	Ethanol	1217	1.041
2	n-Propanol	2470	1.707
Tot			

RF



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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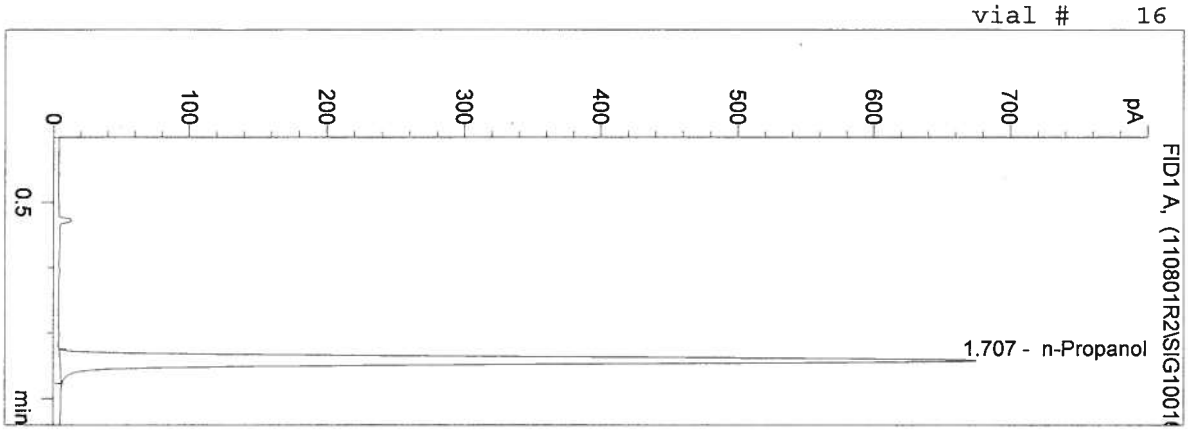
Instrument 1
DB-ALC1

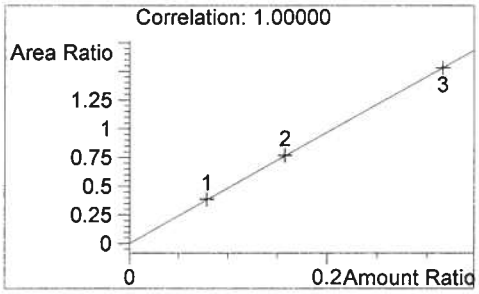
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

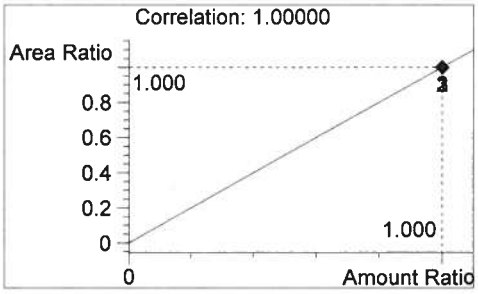


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2629	1.707
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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:	110801AL
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# a075806 exp 11/2014
0.20 control lot# a076521 exp 12/2014

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	11033 #1	SIMALC1	1	Sample		
11	Vial 11	11033 #2	SIMALC1	1	Sample		
12	Vial 12	11033 #3	SIMALC1	1	Sample		
13	Vial 13	11033 #4	SIMALC1	1	Sample		
14	Vial 14	11033 #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		

AL 20110802

AL 20110819

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	

11033

Sequence Table (Back Injector):

No entries - empty table!

AL 20110802
AL 20110819

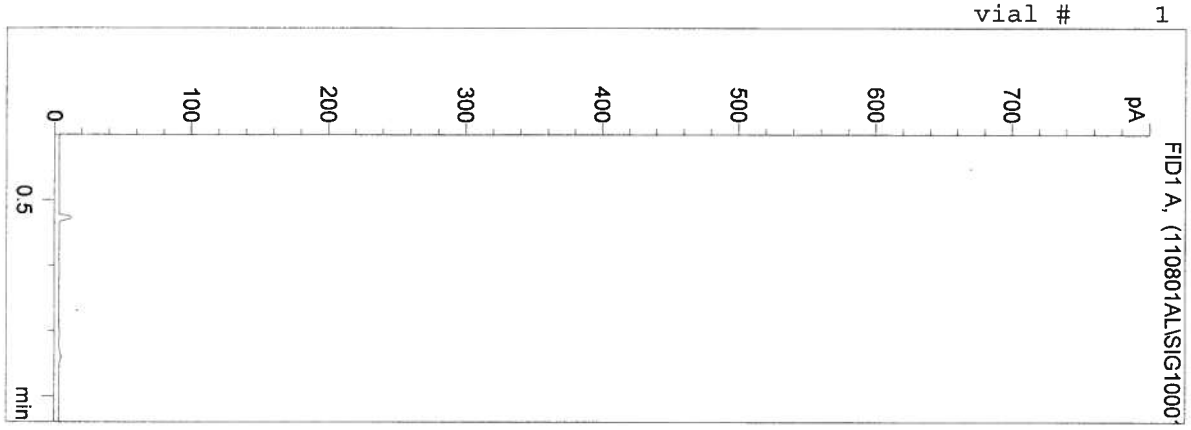
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

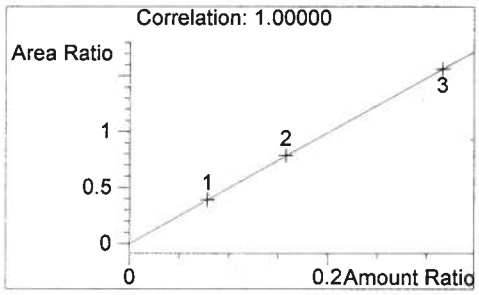
C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 3:24:01 PM
Instrument 1
DB-ALC1

blank
asa louis

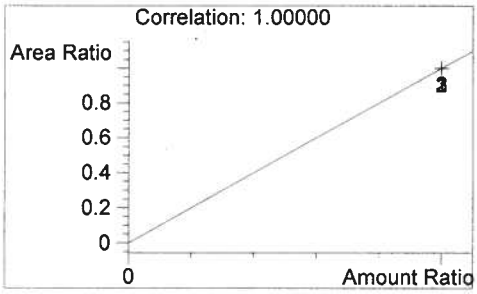
vial # 1



#	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

AL 20110802
AL 20110819

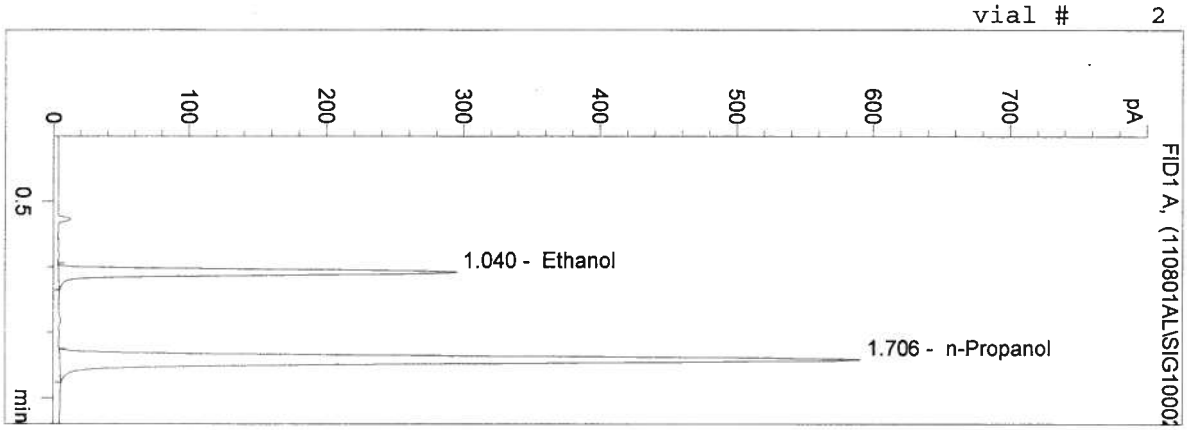
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

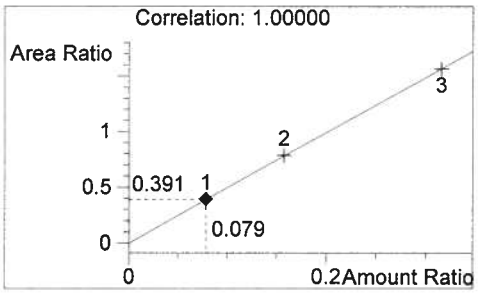
C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 3:27:06 PM
Instrument 1
DB-ALC1

0.079 cal 1
asa louis

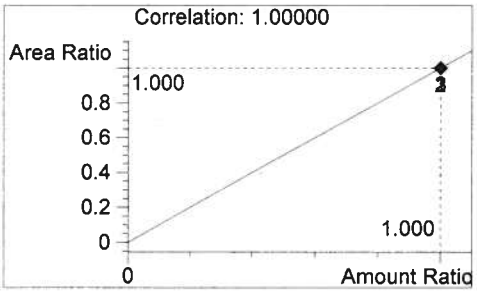
vial # 2



#	Compound	Area	RT
1	Ethanol	895	1.040
2	n-Propanol	2291	1.706
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

a 20110802
a 20110819

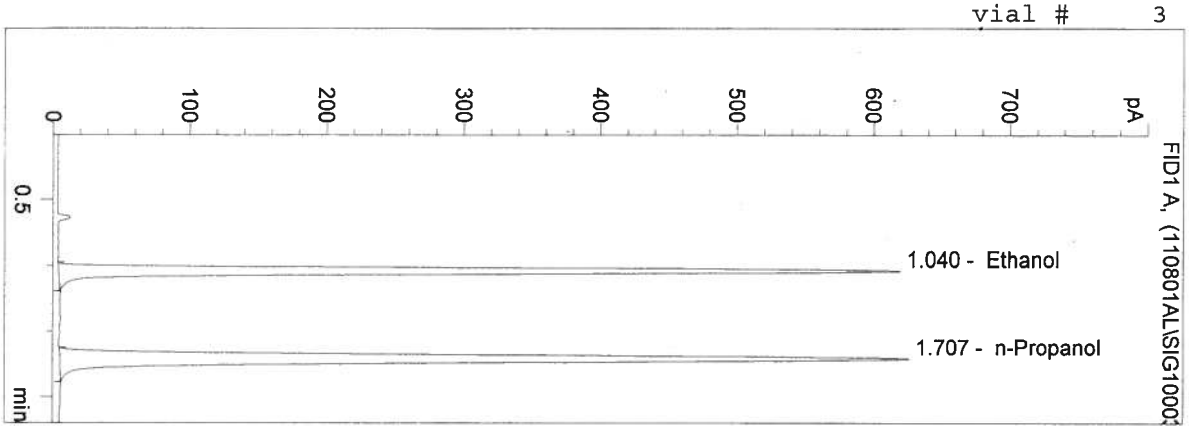
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

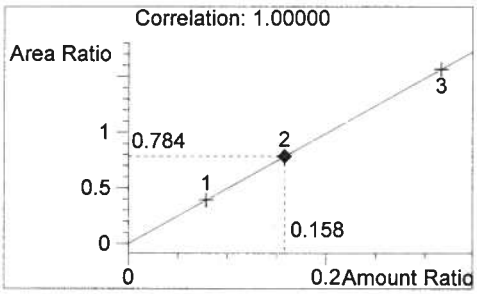
C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 3:30:11 PM
Instrument 1
DB-ALC1

0.158 cal 2
asa louis

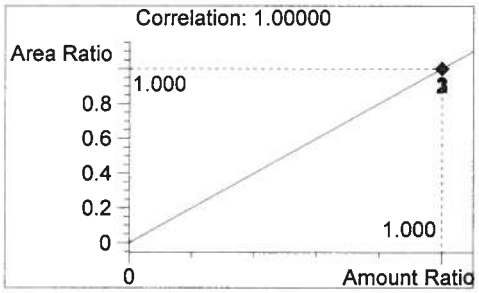
vial # 3



#	Compound	Area	RT
1	Ethanol	1909	1.040
2	n-Propanol	2434	1.707
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

20110802

20110819

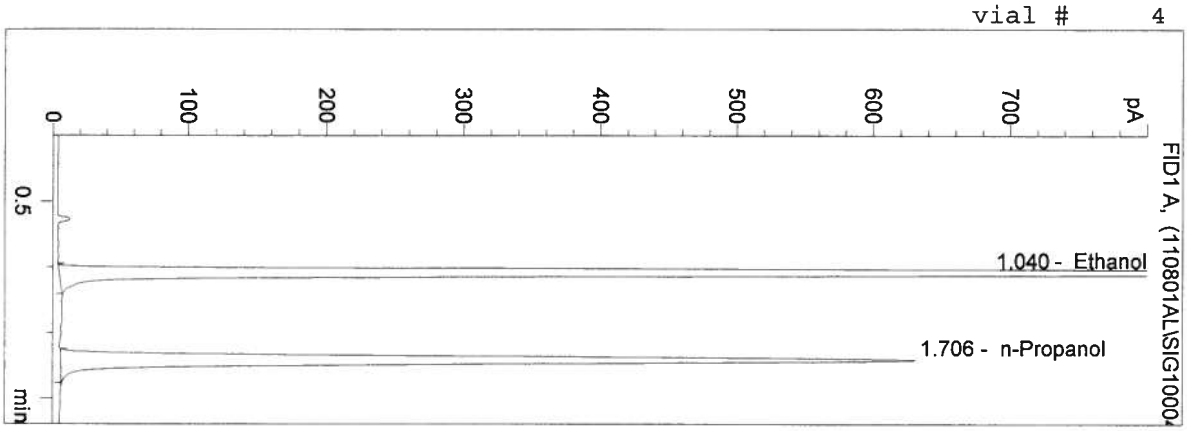
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

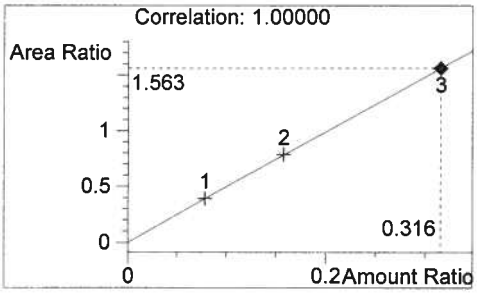
C:\HPCHEM\1\METHODS\SIMALC1.M
8/1/2011 3:33:15 PM
Instrument 1
DB-ALC1

0.316 cal 3
asa louis

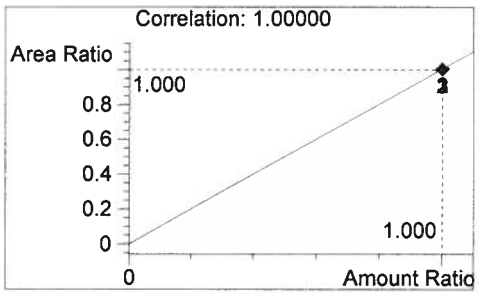
vial # 4



#	Compound	Area	RT
1	Ethanol	3815	1.040
2	n-Propanol	2441	1.706
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110802
AL 20110819

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WASHINGTON STATE TOXICOLOGY LABORATORY

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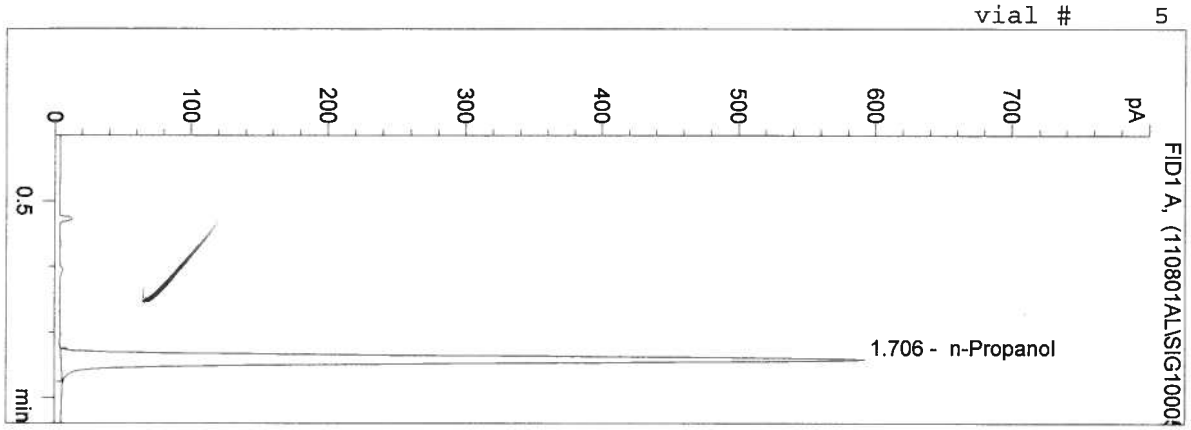
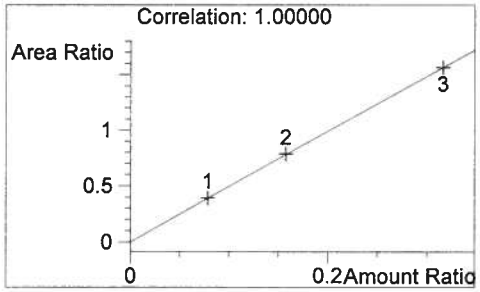
Instrument 1
DB-ALC1

neg control - al
asa louis

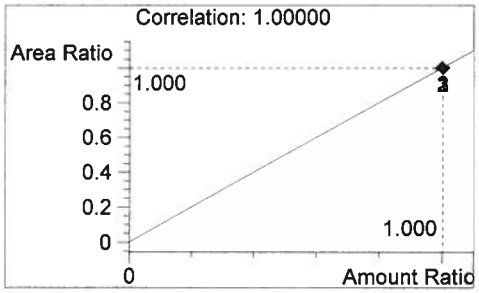
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2293	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

AL 2011 0802

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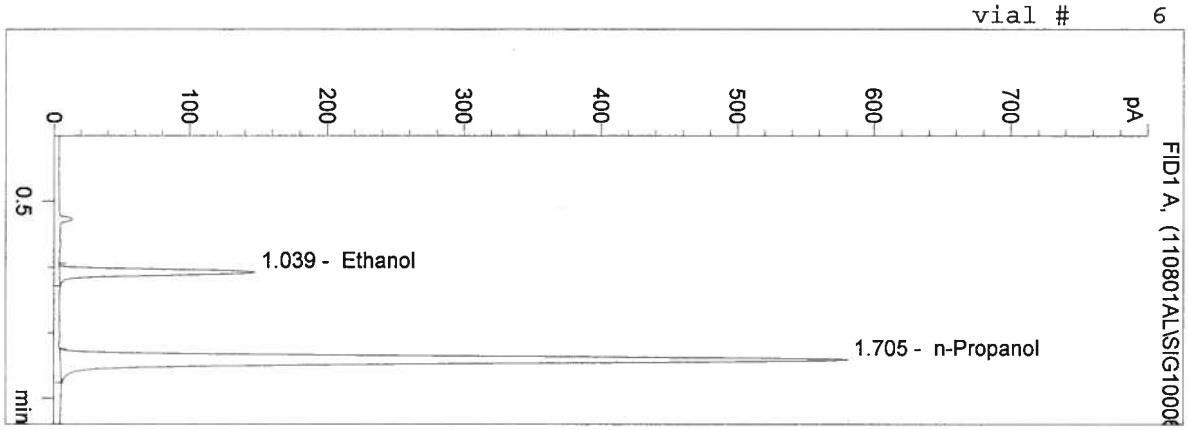
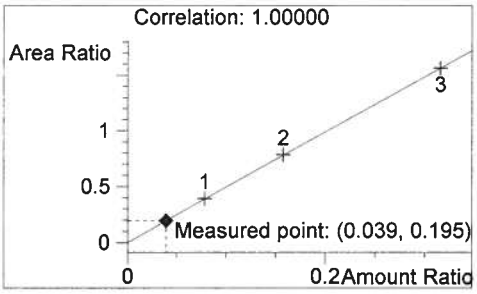
Instrument 1
DB-ALC1

0.04 ctrl al
asa louis

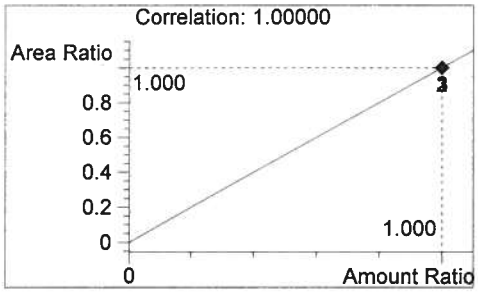
vial # 6



#	Compound	Area	RT
1	Ethanol	437	1.039
2	n-Propanol	2241	1.705
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110802

AL 2011 0819

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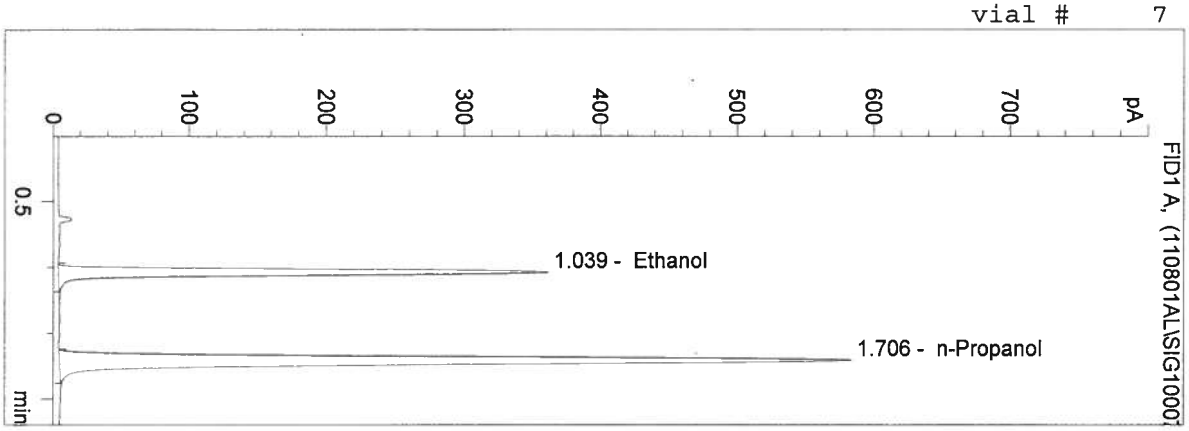
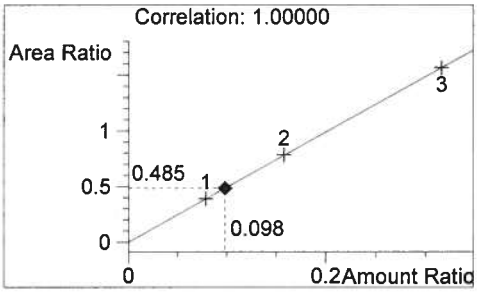
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

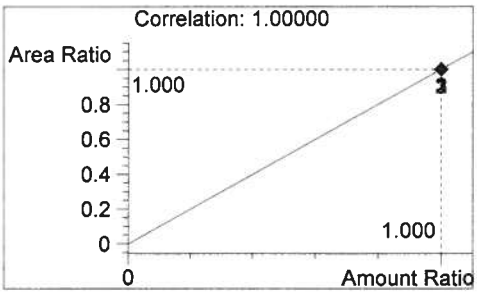
vial # 7



#	Compound	Area	RT
1	Ethanol	1096	1.039
2	n-Propanol	2257	1.706
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

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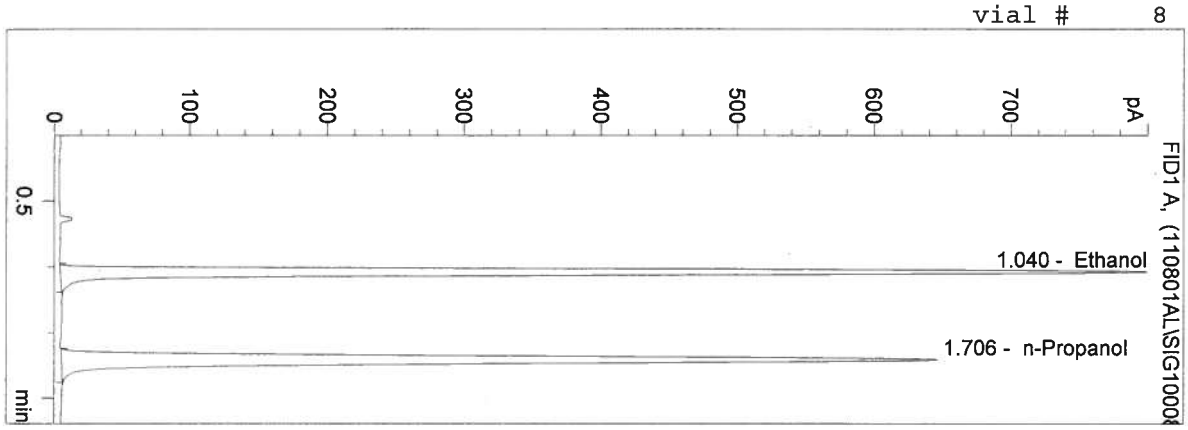
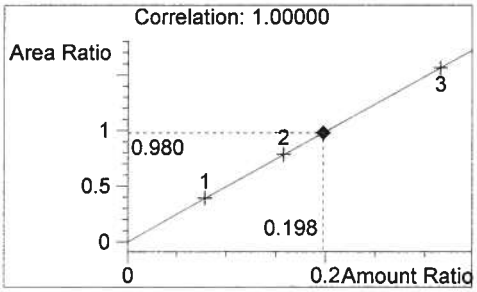
Instrument 1
DB-ALC1

0.20 ctrl al
asa louis

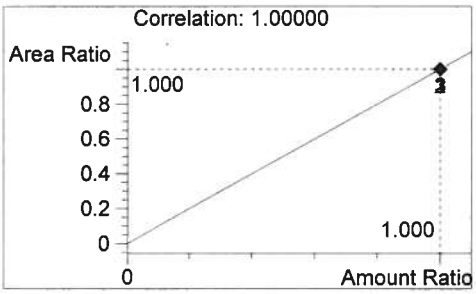
vial # 8



#	Compound	Area	RT
1	Ethanol	2452	1.040
2	n-Propanol	2503	1.706
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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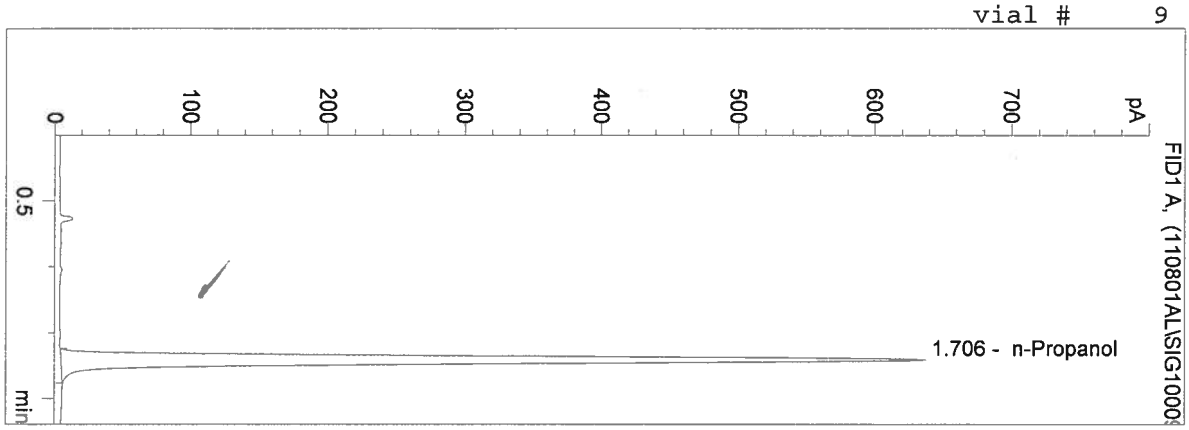
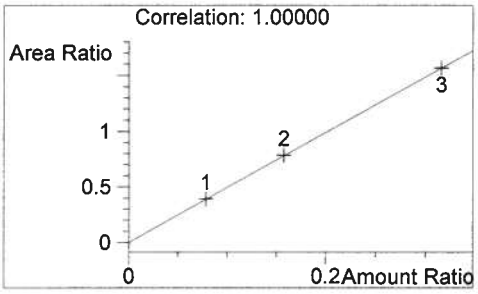
Instrument 1
DB-ALC1

neg control - al
asa louis

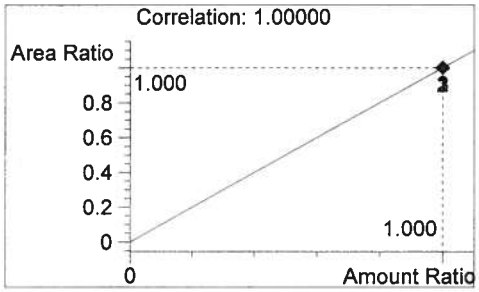
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2468	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110802

AL 20110889

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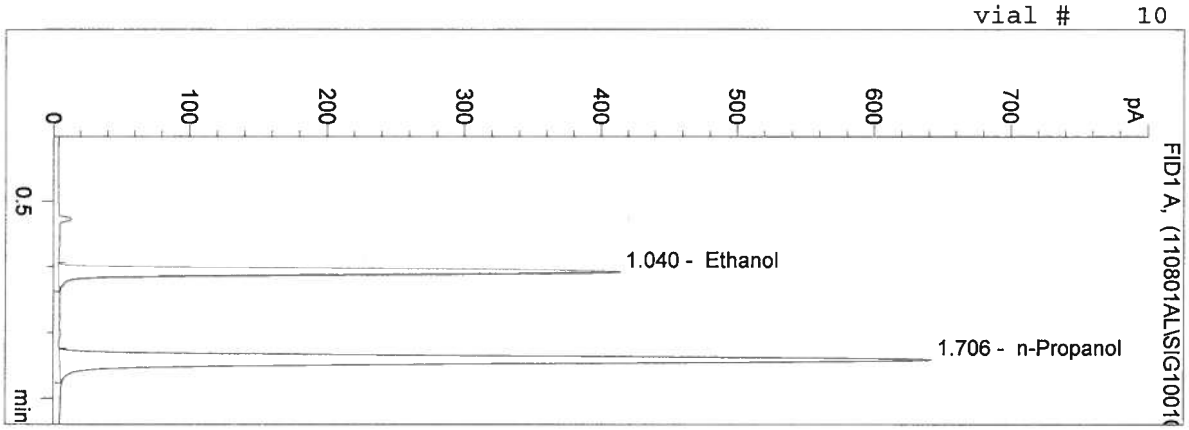
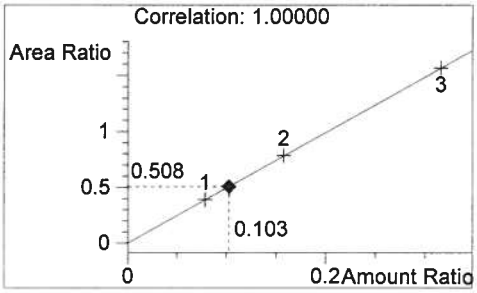
Instrument 1
DB-ALC1

11033 #1
asa louis

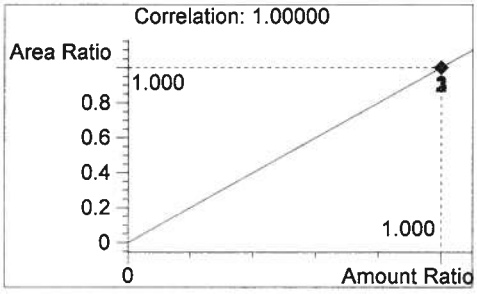
vial # 10



#	Compound	Area	RT
1	Ethanol	1262	1.040
2	n-Propanol	2484	1.706
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110802

AL 20110819

WASHINGTON STATE TOXICOLOGY LABORATORY

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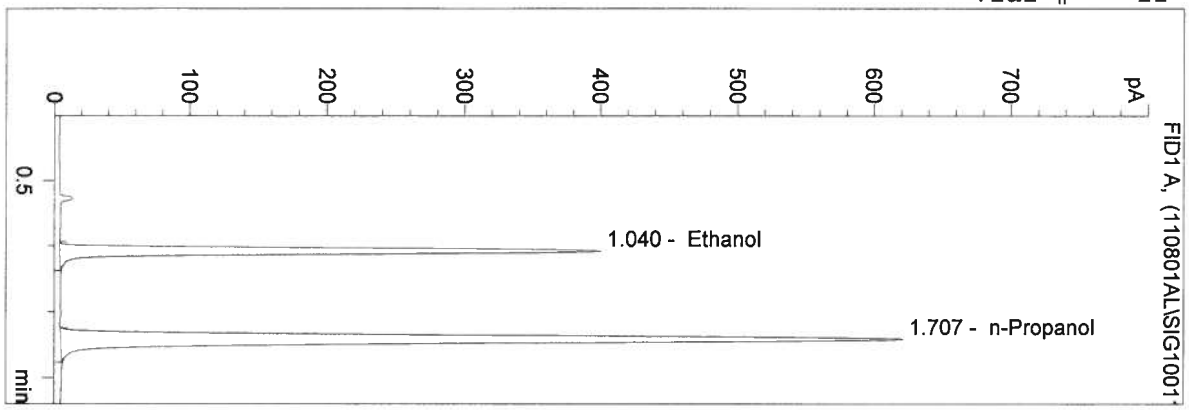
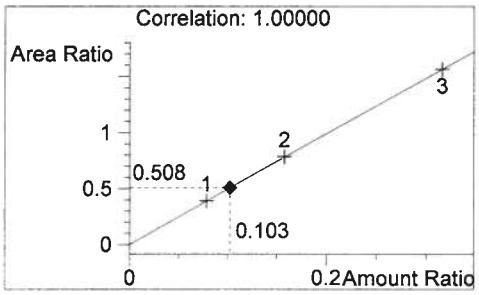
8/1/2011 3:54:49 PM 11033 #2
Instrument 1 asa louis
DB-ALC1

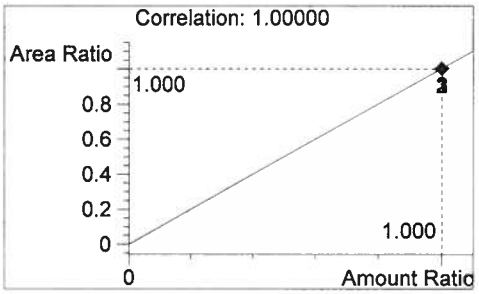
vial # 11



#	Compound	Area	RT
1	Ethanol	1226	1.040
2	n-Propanol	2410	1.707
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110802

AL 20110809

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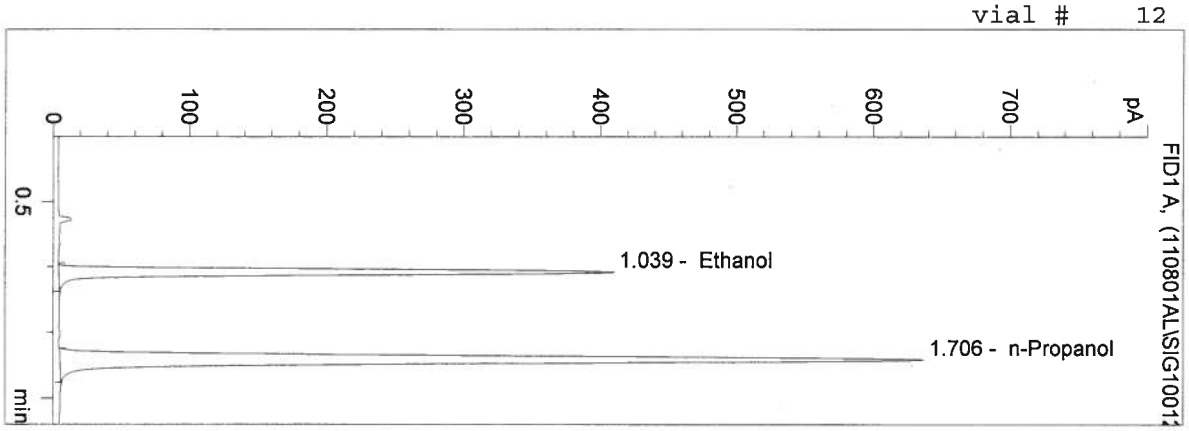
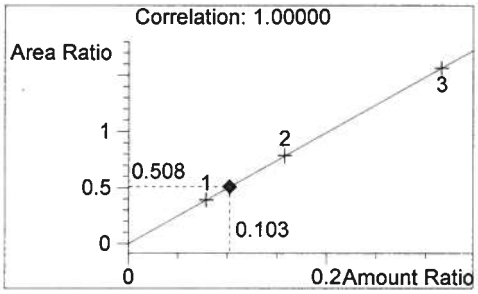
Instrument 1
DB-ALC1

11033 #3
asa louis

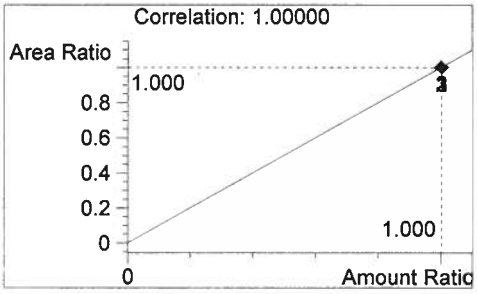
vial # 12



#	Compound	Area	RT
1	Ethanol	1249	1.039
2	n-Propanol	2460	1.706
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110802

AL 20110819

WASHINGTON STATE TOXICOLOGY LABORATORY

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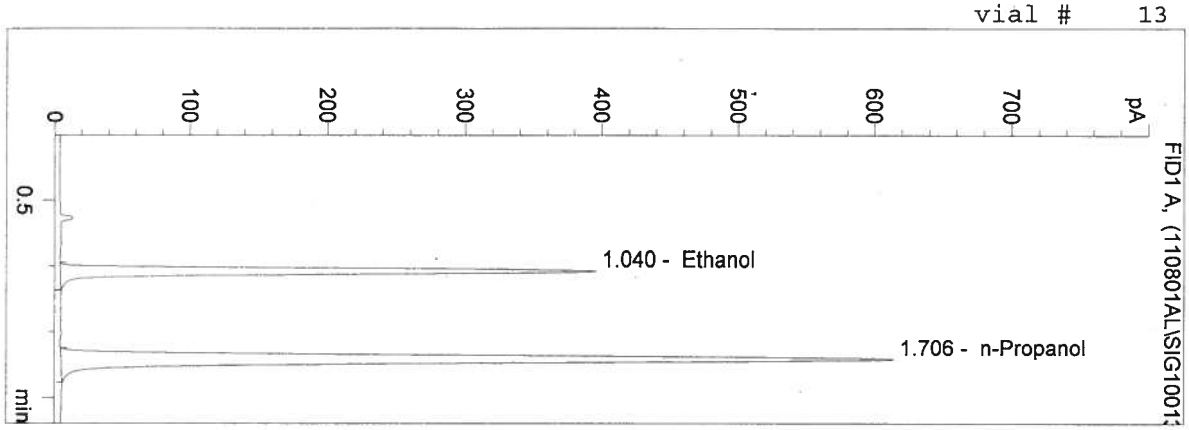
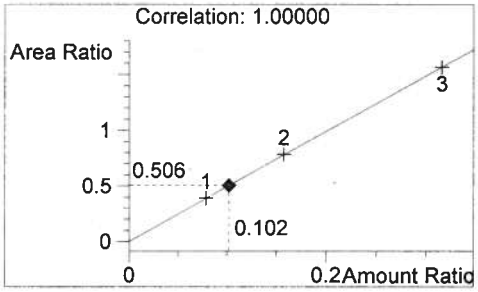
Instrument 1
DB-ALC1

11033 #4
asa louis

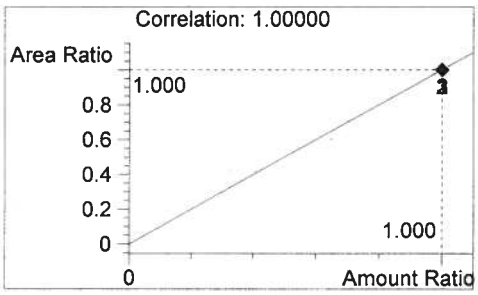
vial # 13



#	Compound	Area	RT
1	Ethanol	1205	1.040
2	n-Propanol	2382	1.706
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110802

AL 20110819

WASHINGTON STATE TOXICOLOGY LABORATORY

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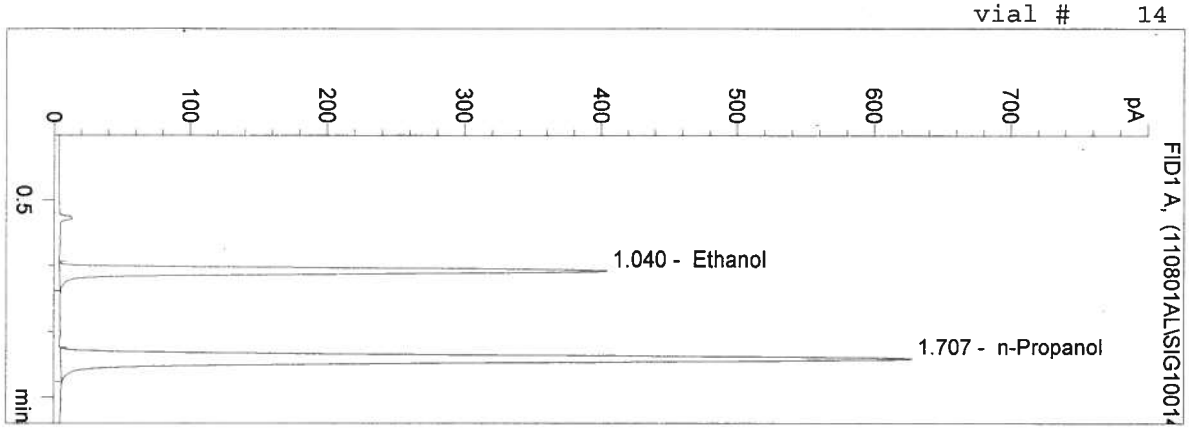
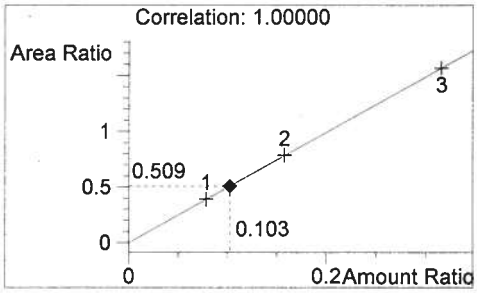
Instrument 1
DB-ALC1

11033 #5
asa louis

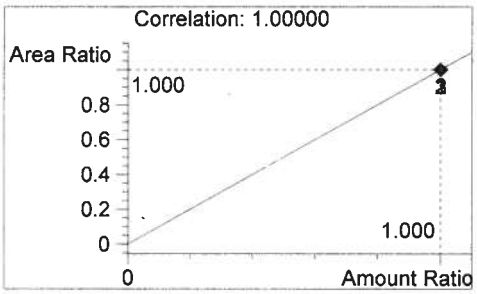
vial # 14



#	Compound	Area	RT
1	Ethanol	1237	1.040
2	n-Propanol	2430	1.707
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20113802

AL 20113819

WASHINGTON STATE TOXICOLOGY LABORATORY

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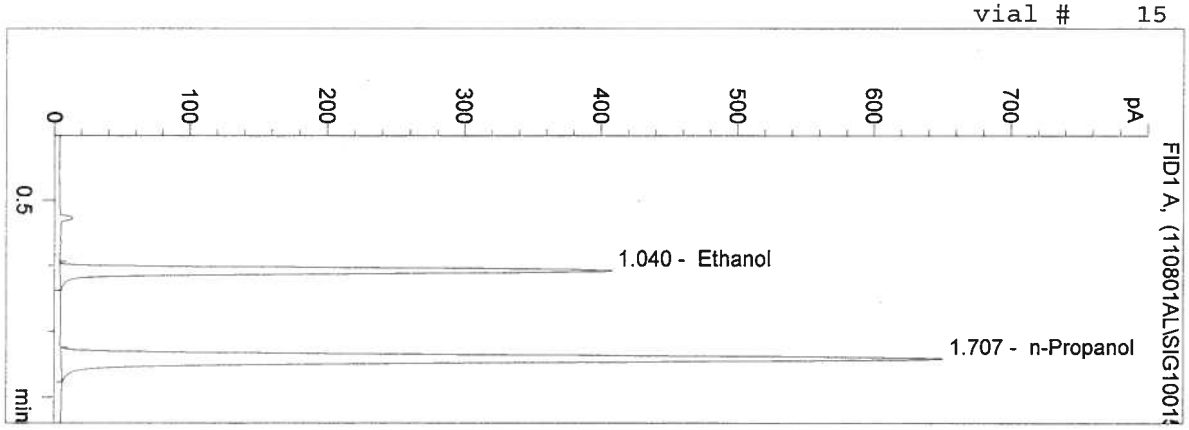
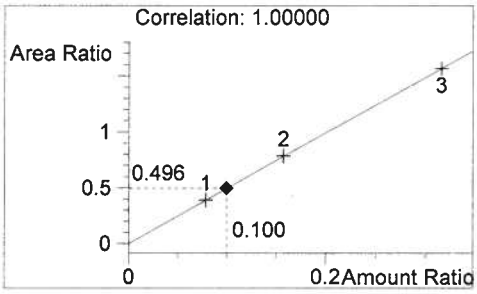
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

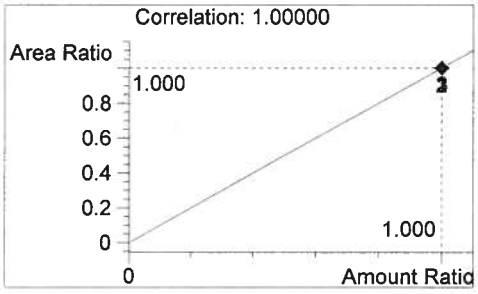
vial # 15



#	Compound	Area	RT
1	Ethanol	1256	1.040
2	n-Propanol	2530	1.707
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20113802
AL 20110819

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WASHINGTON STATE TOXICOLOGY LABORATORY

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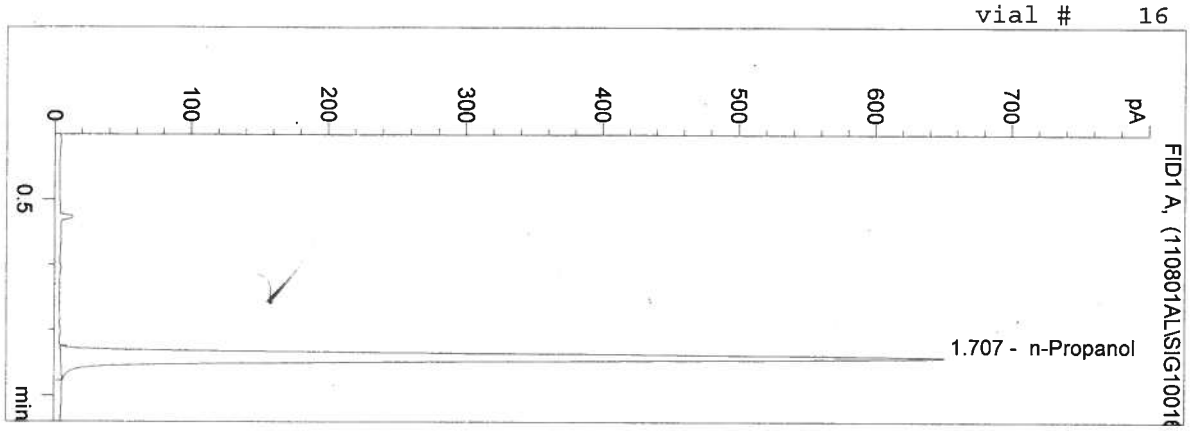
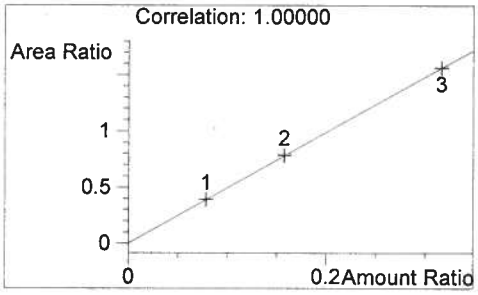
Instrument 1
DB-ALC1

neg control - al
asa louis

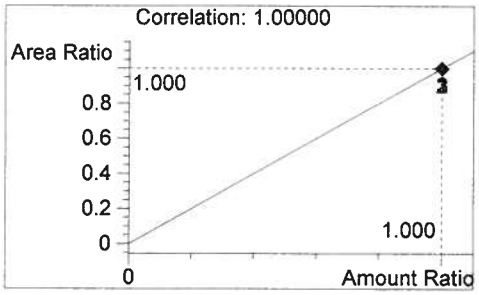
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2528	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

A 20110802
BL 20110829

11033

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:	110802CM
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#A075806 exp 11/2014
0.20 Control Lot#A076521 exp 12/2014

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	11033 #1	SIMALC1	1	Sample		
11	Vial 11	11033 #2	SIMALC1	1	Sample		
12	Vial 12	11033 #3	SIMALC1	1	Sample		
13	Vial 13	11033 #4	SIMALC1	1	Sample		
14	Vial 14	11033 #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	

11033

Sequence Table (Back Injector):

No entries - empty table!

CM

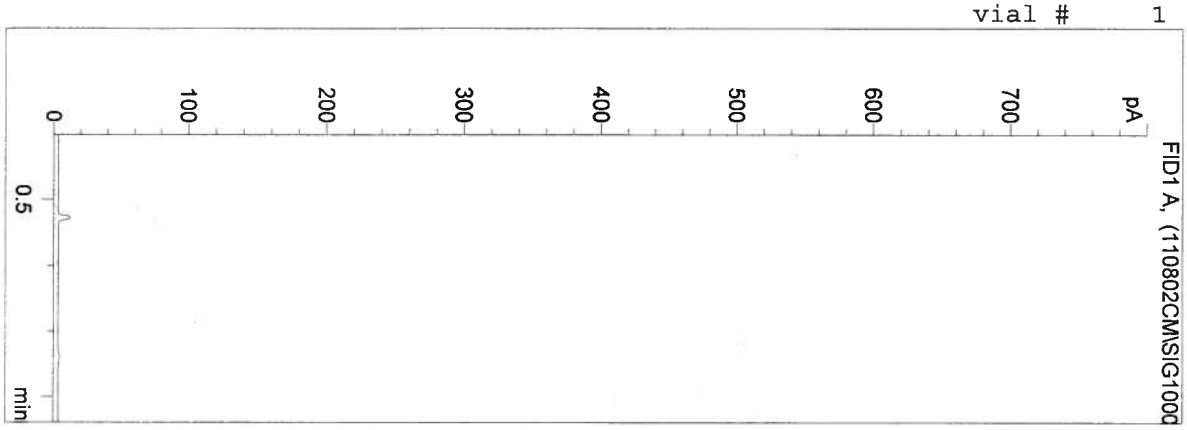
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

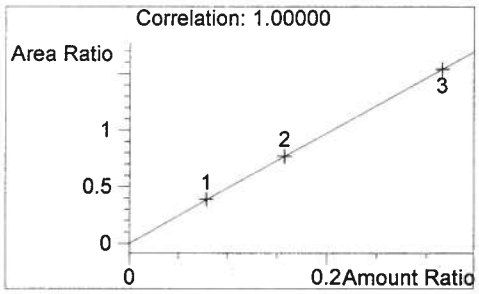
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 9:51:08 AM
Instrument 1
DB-ALC1

BLANK
Christie Mitchell

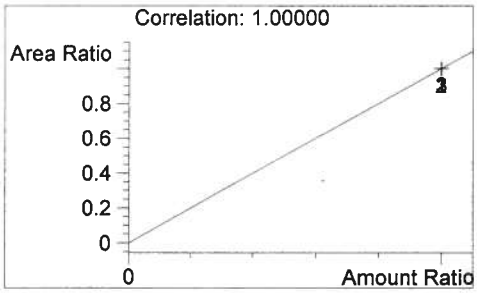
vial # 1



#	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

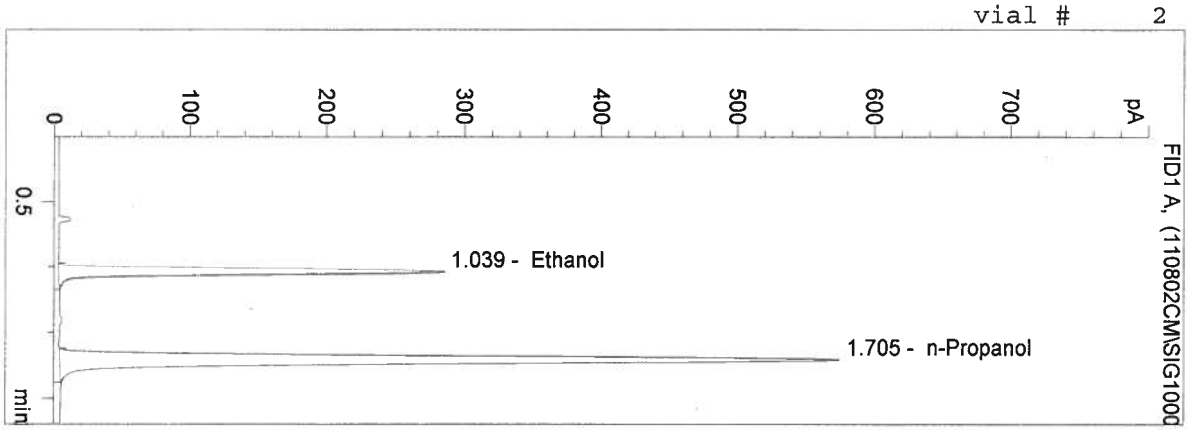
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

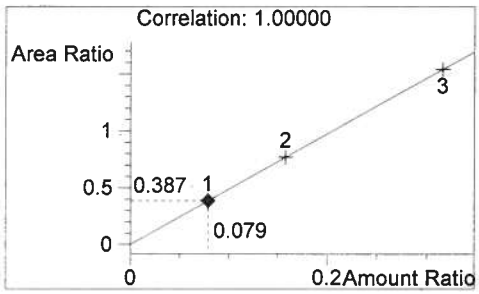
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 9:54:13 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Christie Mitchell

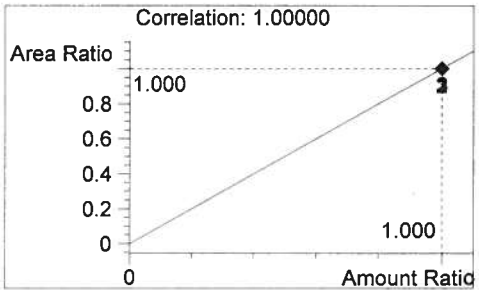
vial # 2



#	Compound	Area	RT
1	Ethanol	863	1.039
2	n-Propanol	2228	1.705
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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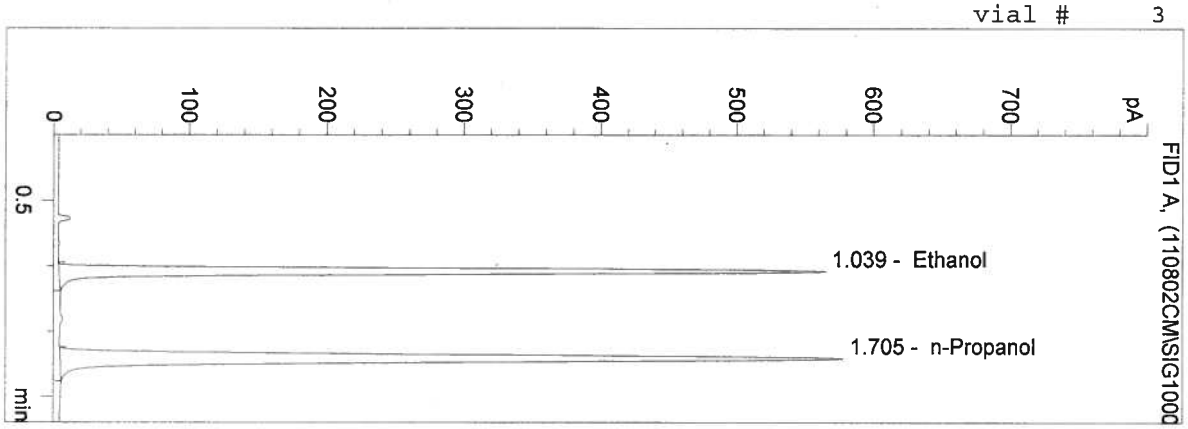
WASHINGTON STATE TOXICOLOGY LABORATORY

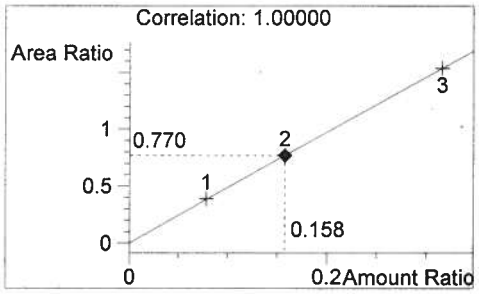
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 9:57:17 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Christie Mitchell

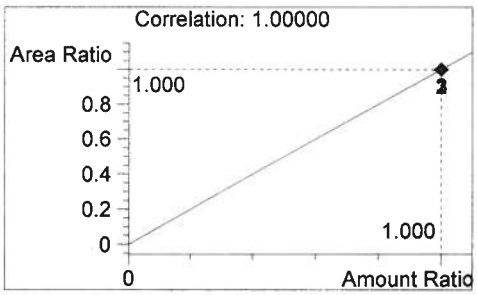
vial # 3



#	Compound	Area	RT
1	Ethanol	1727	1.039
2	n-Propanol	2242	1.705
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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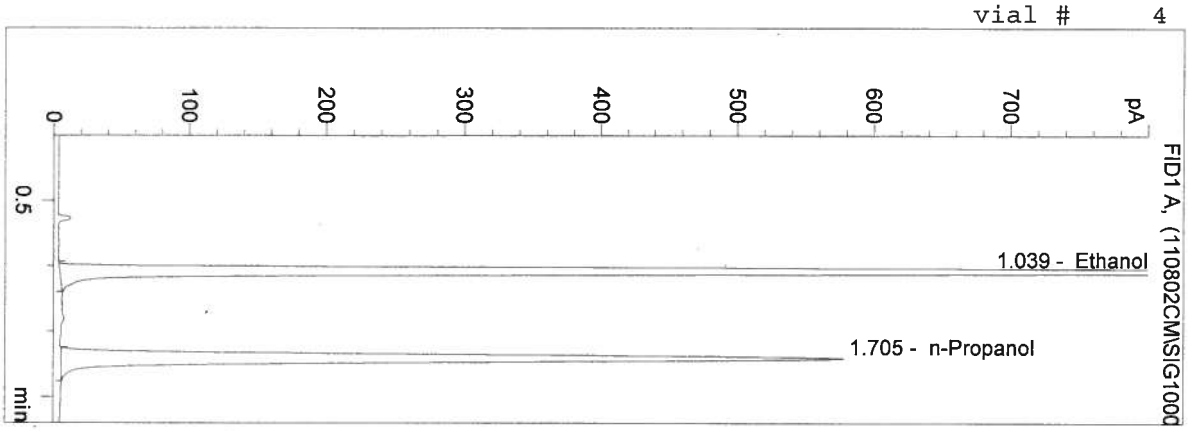
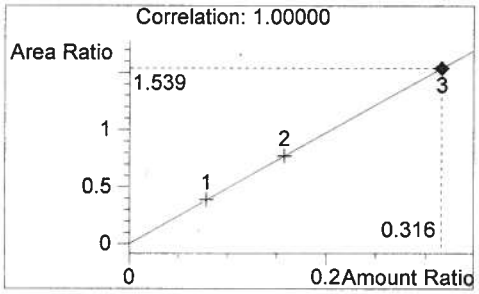
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 10:00:22 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Christie Mitchell

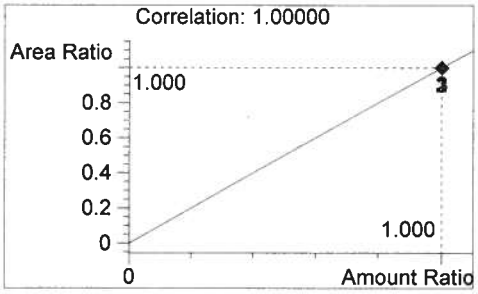
vial # 4



#	Compound	Area	RT
1	Ethanol	3436	1.039
2	n-Propanol	2233	1.705
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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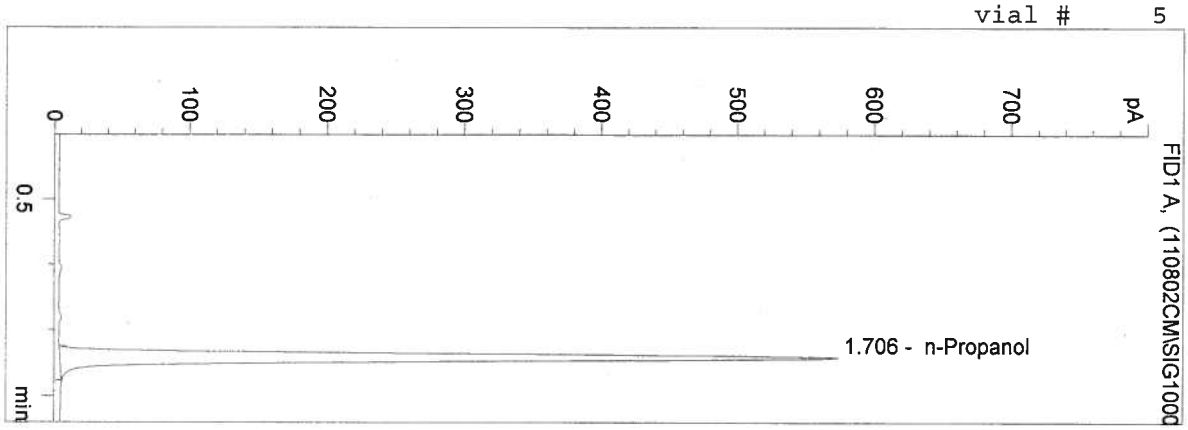
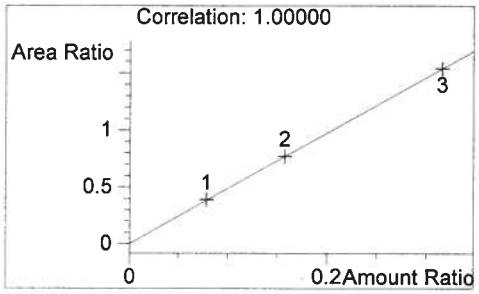
8/2/2011 10:03:27 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

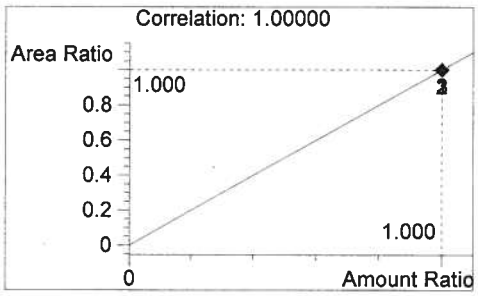
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2230	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM
11033

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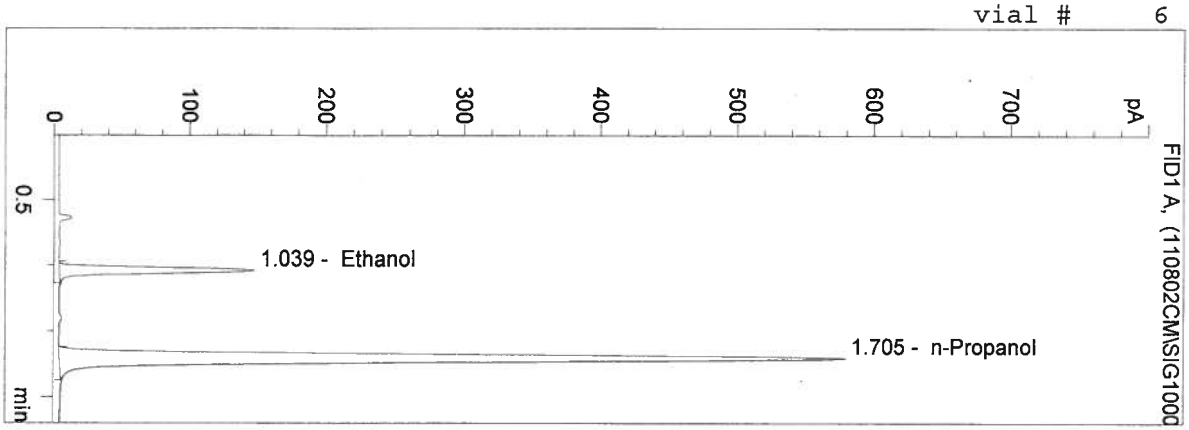
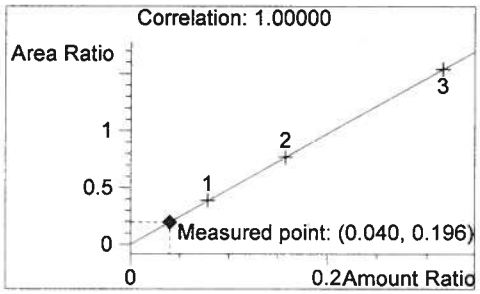
8/2/2011 10:06:32 AM
Instrument 1
DB-ALC1

0.04 CTRL - CM
Christie Mitchell

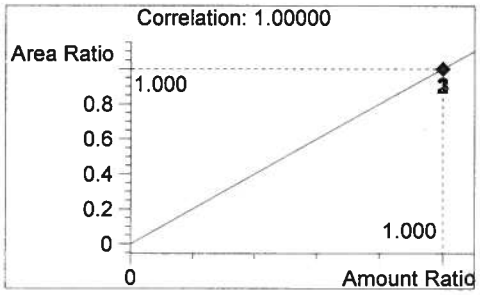
vial # 6



#	Compound	Area	RT
1	Ethanol	440	1.039
2	n-Propanol	2245	1.705
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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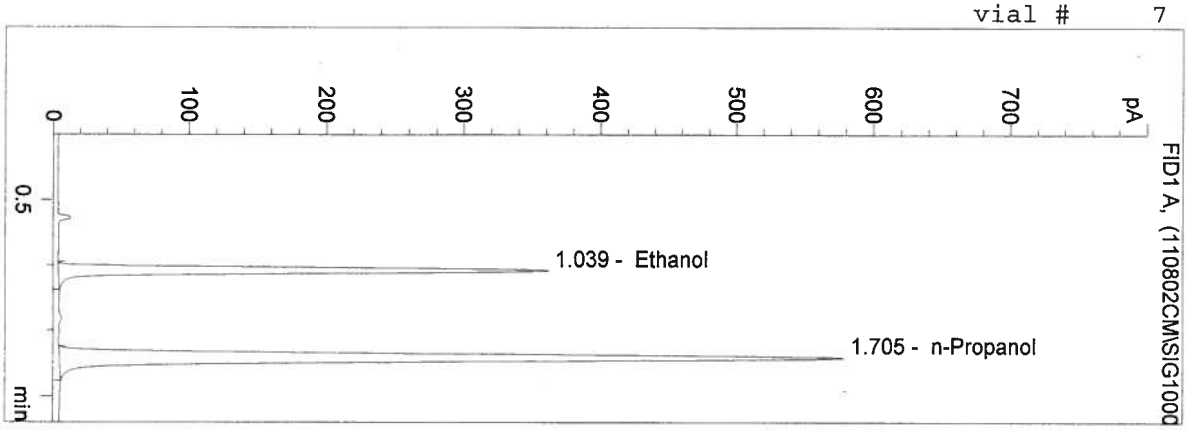
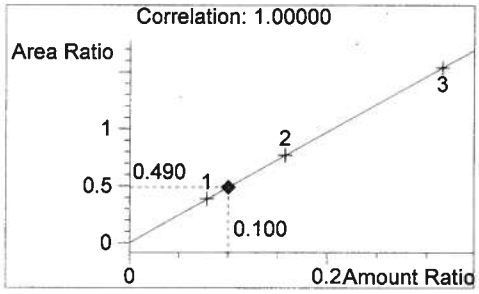
8/2/2011 10:09:36 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

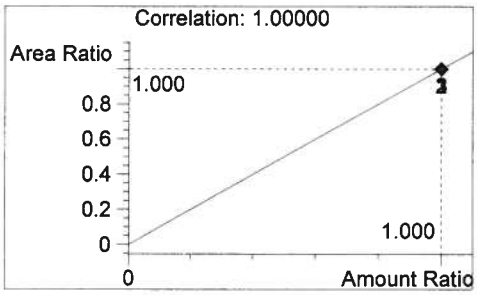
vial # 7



#	Compound	Area	RT
1	Ethanol	1100	1.039
2	n-Propanol	2247	1.705
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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WASHINGTON STATE TOXICOLOGY LABORATORY

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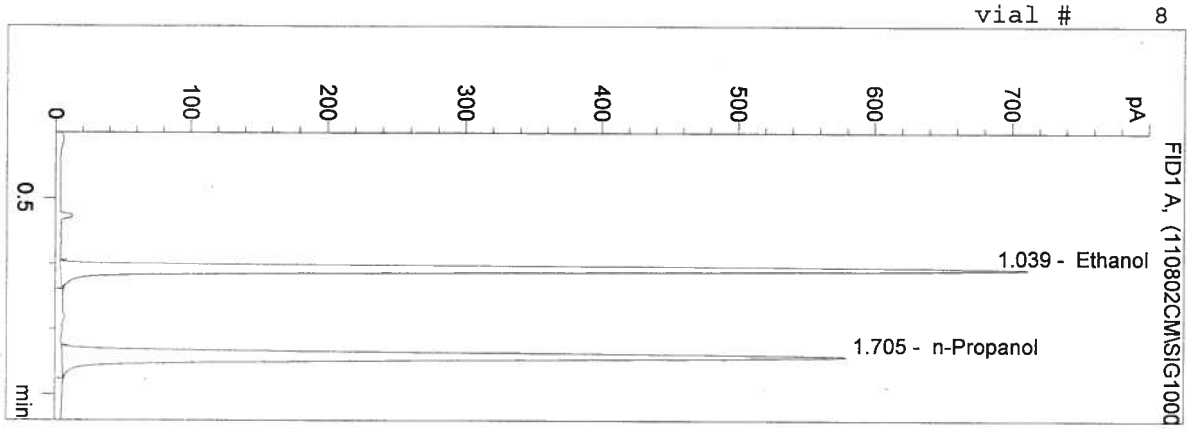
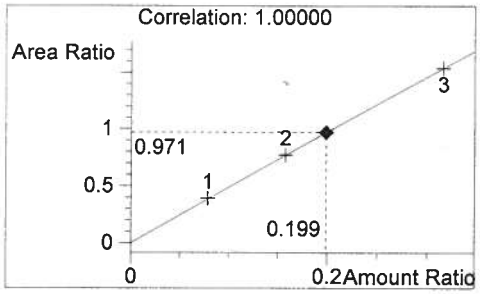
8/2/2011 10:12:41 AM
Instrument 1
DB-ALC1

0.20 CTRL - CM
Christie Mitchell

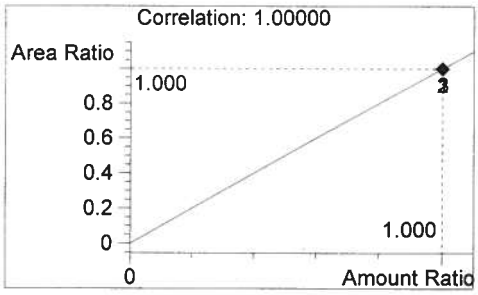
vial # 8



#	Compound	Area	RT
1	Ethanol	2172	1.039
2	n-Propanol	2238	1.705
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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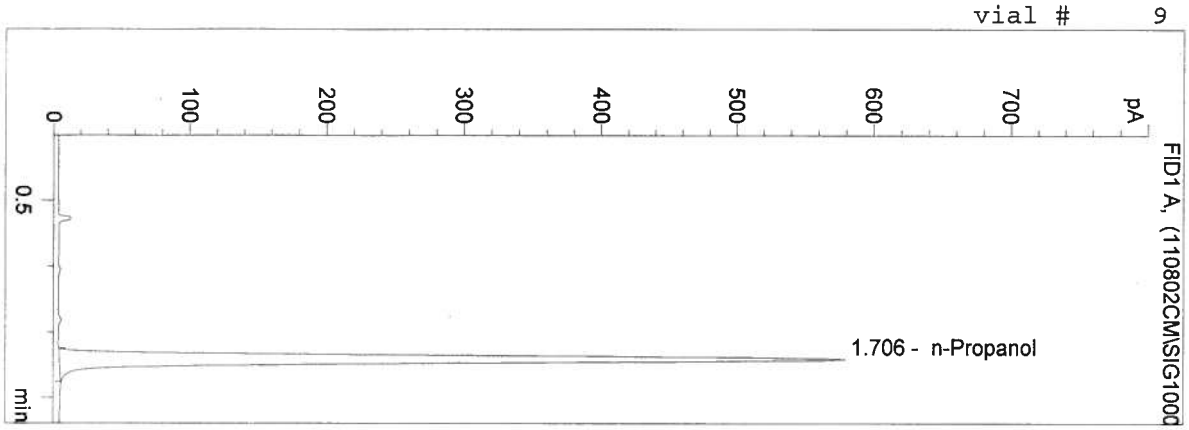
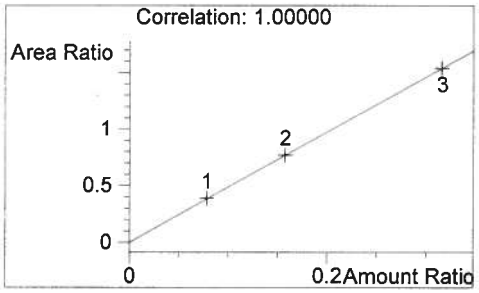
8/2/2011 10:15:46 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

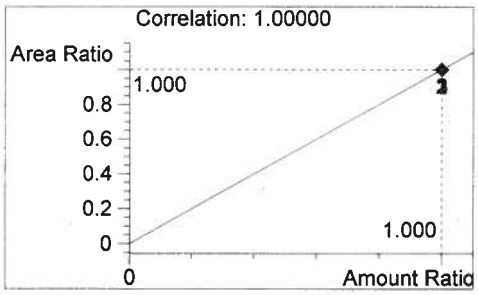
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2248	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11033

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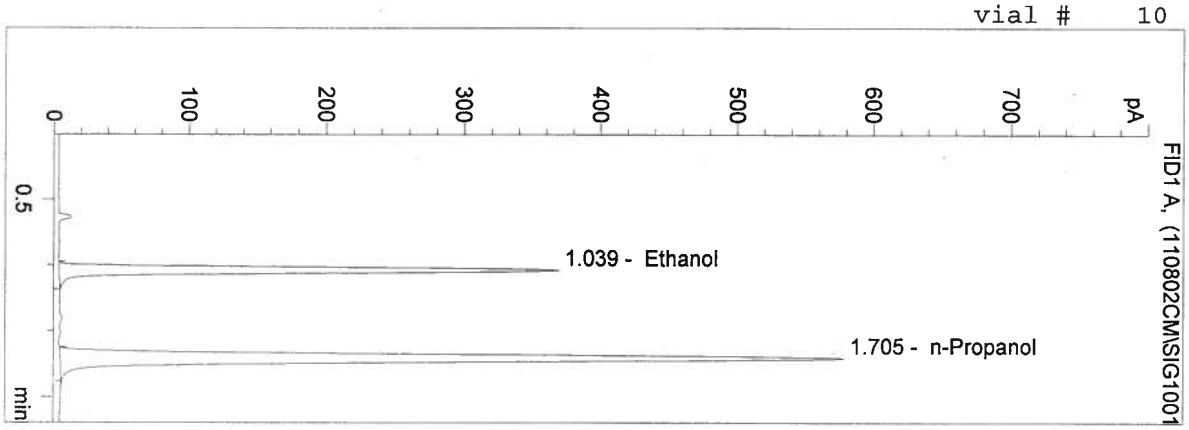
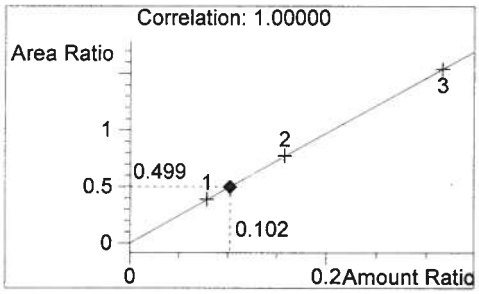
8/2/2011 10:18:51 AM
Instrument 1
DB-ALC1

11033 #1
Christie Mitchell

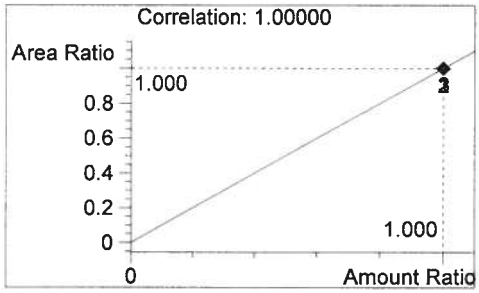
vial # 10



#	Compound	Area	RT
1	Ethanol	1118	1.039
2	n-Propanol	2241	1.705
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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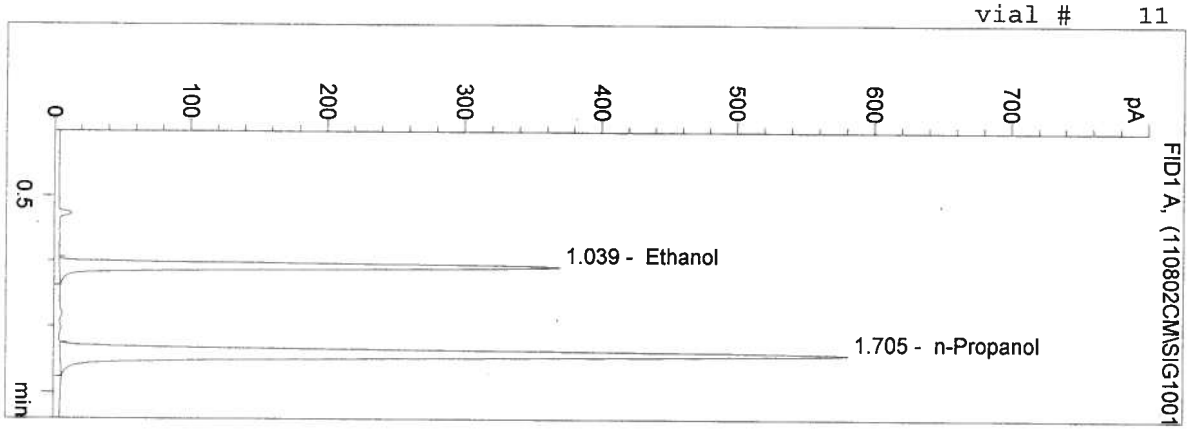
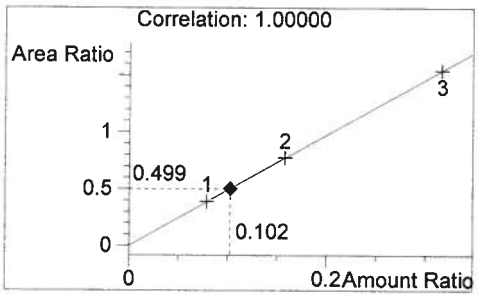
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 10:21:55 AM
Instrument 1
DB-ALC1

11033 #2
Christie Mitchell

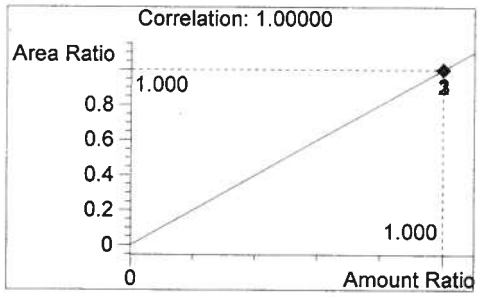
vial # 11



#	Compound	Area	RT
1	Ethanol	1124	1.039
2	n-Propanol	2252	1.705
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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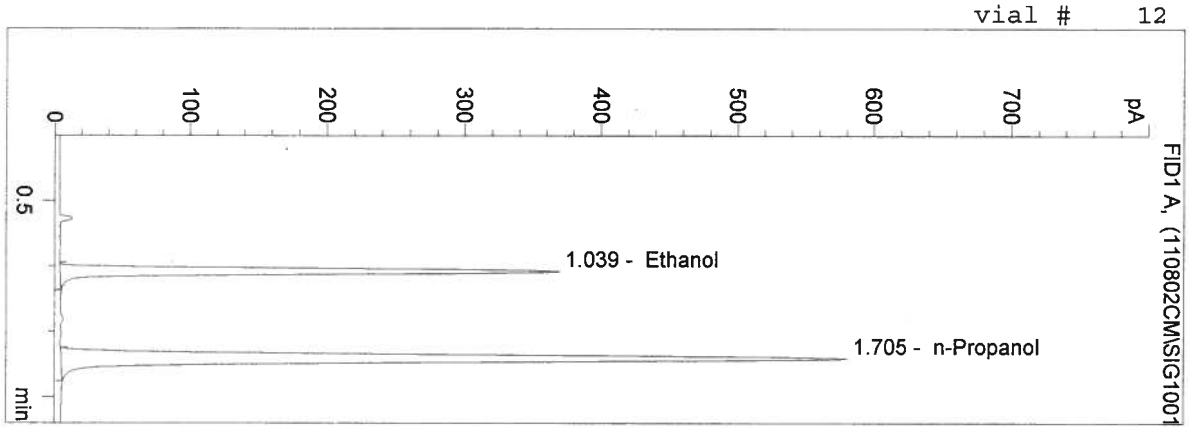
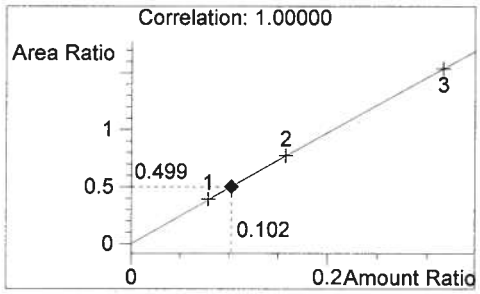
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 10:25:00 AM
Instrument 1
DB-ALC1

11033 #3
Christie Mitchell

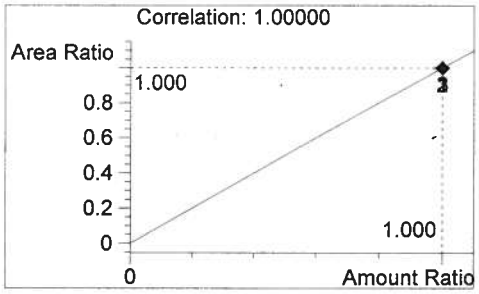
vial # 12



#	Compound	Area	RT
1	Ethanol	1119	1.039
2	n-Propanol	2242	1.705
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

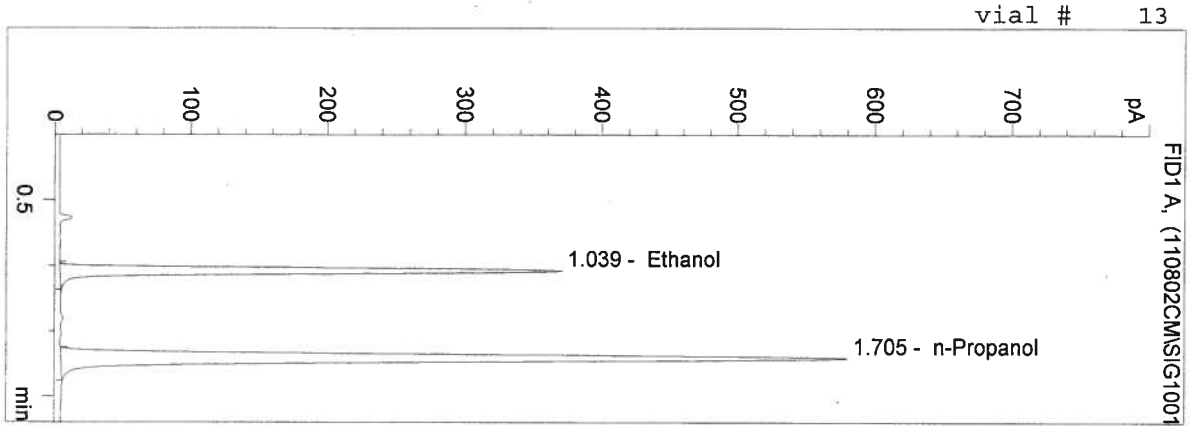
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

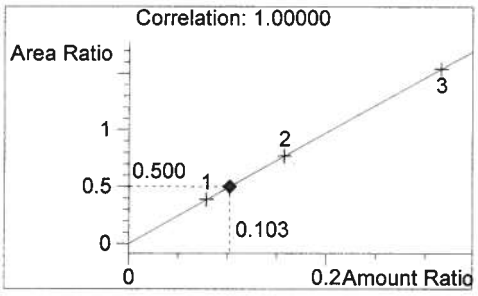
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 10:28:05 AM
Instrument 1
DB-ALC1

11033 #4
Christie Mitchell

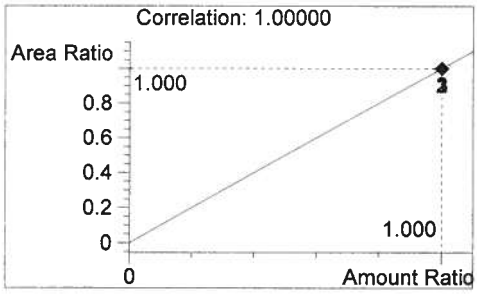
vial # 13



#	Compound	Area	RT
1	Ethanol	1121	1.039
2	n-Propanol	2241	1.705
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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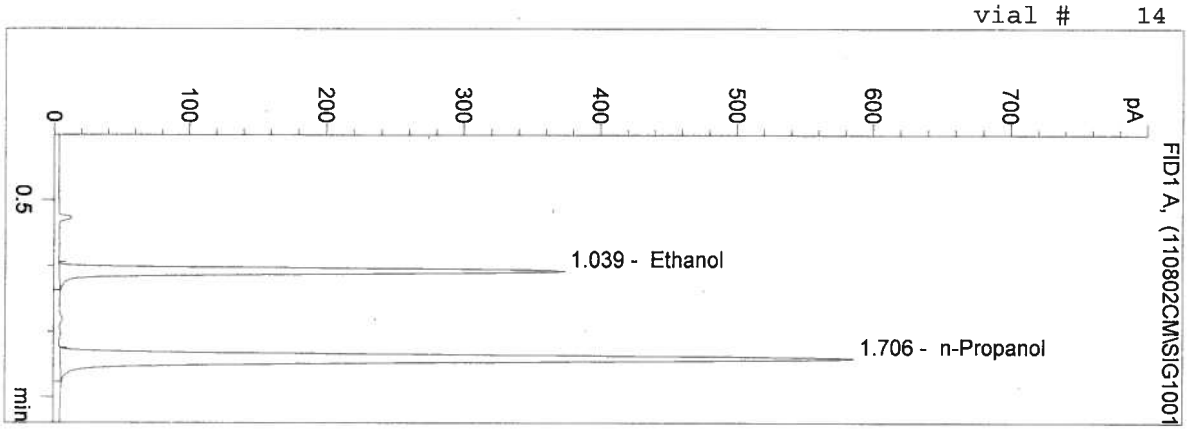
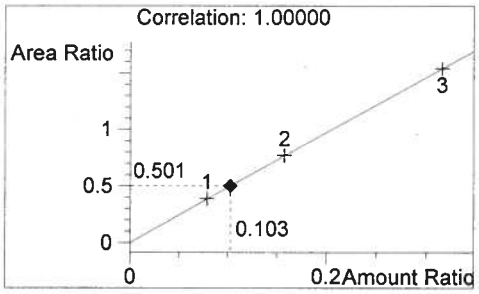
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 10:31:10 AM
Instrument 1
DB-ALC1

11033 #5
Christie Mitchell

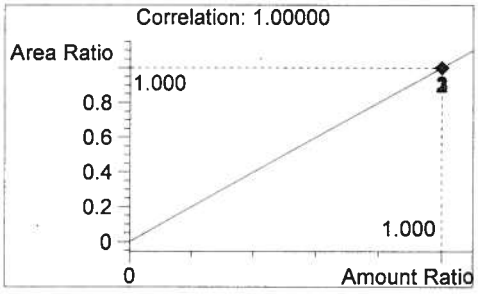
vial # 14



#	Compound	Area	RT
1	Ethanol	1139	1.039
2	n-Propanol	2273	1.706
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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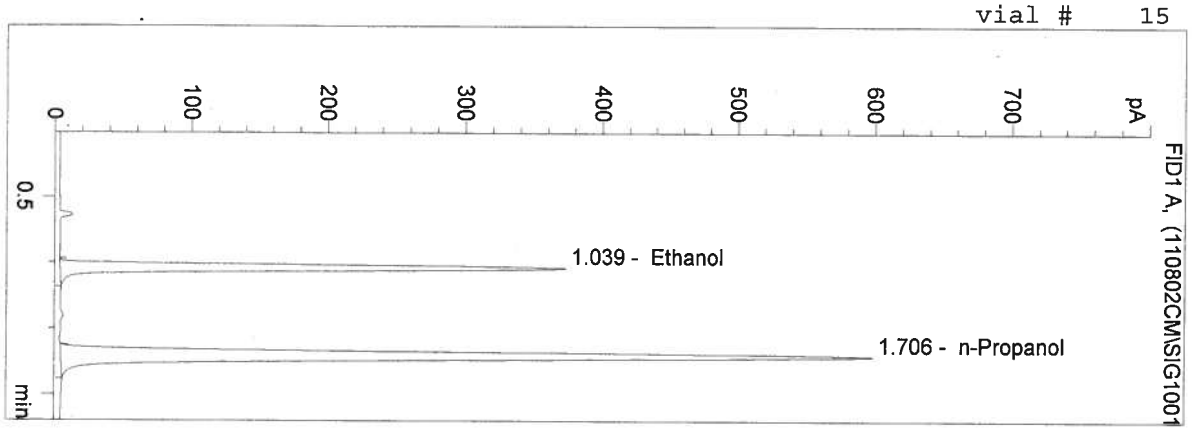
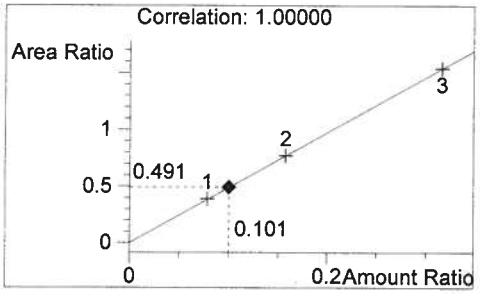
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 10:34:15 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

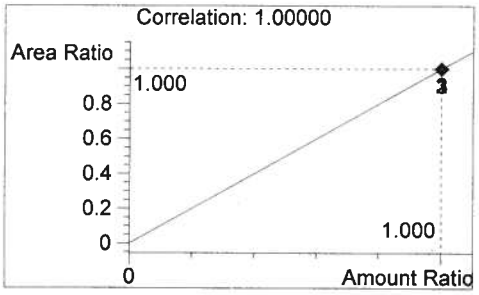
vial # 15



#	Compound	Area	RT
1	Ethanol	1141	1.039
2	n-Propanol	2323	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

CM

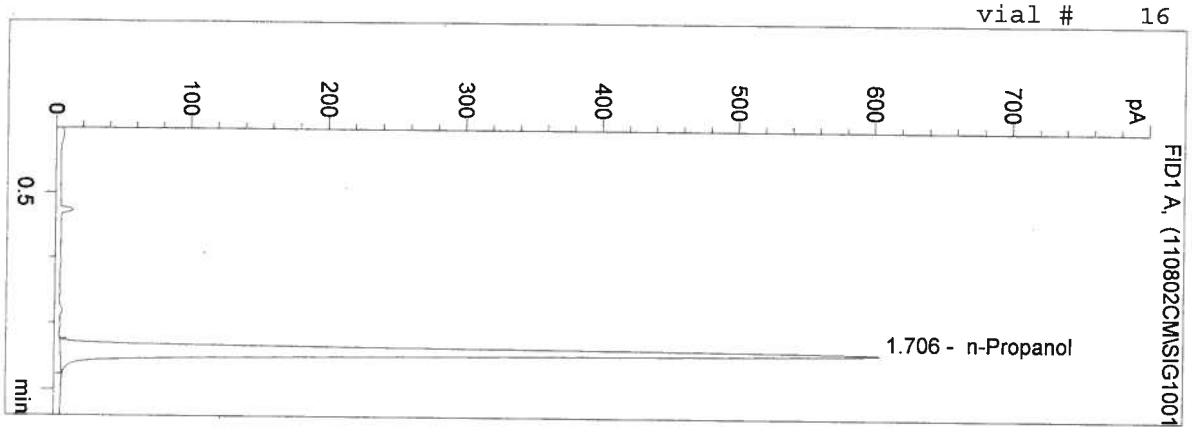
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

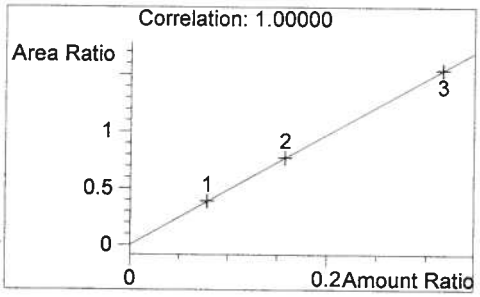
C:\HPCHEM\1\METHODS\SIMALC1.M
8/2/2011 10:37:20 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

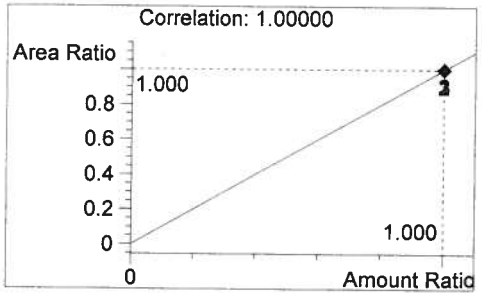
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2345	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11033

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.S

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:	110803CJ
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#A075806 exp 11/2014
0.20 Control Lot#A076521 exp 12/2014

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 11033 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 11033 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 11033 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 11033 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 11033 #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	

11035

Sequence Table (Back Injector):

No entries - empty table!

W

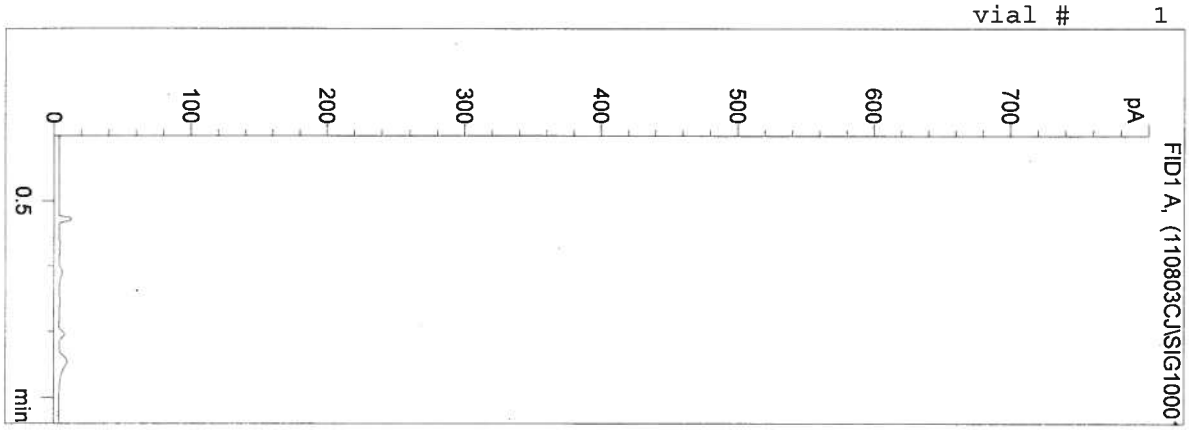
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

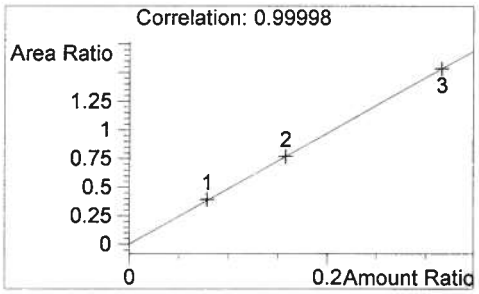
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 9:37:00 AM
Instrument 1
DB-ALC1

BLANK-CJ
Chris Johnston

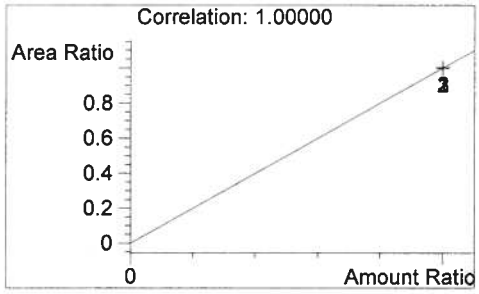
vial # 1



#	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

11033

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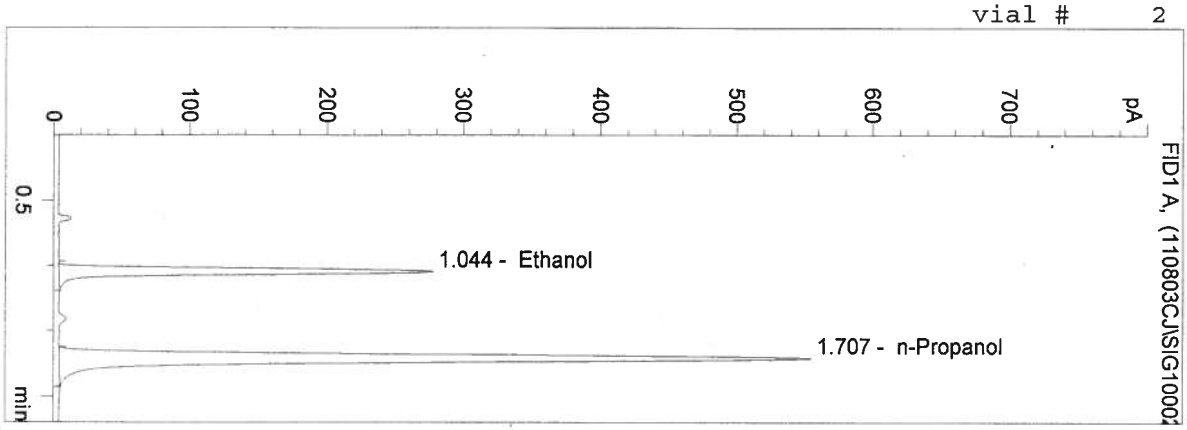
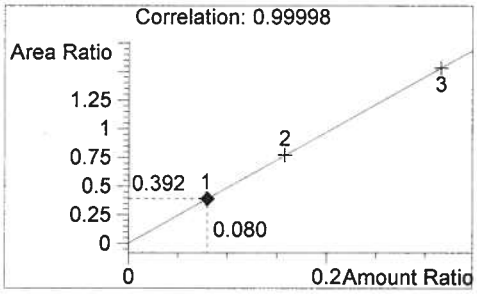
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 9:40:05 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Chris Johnston

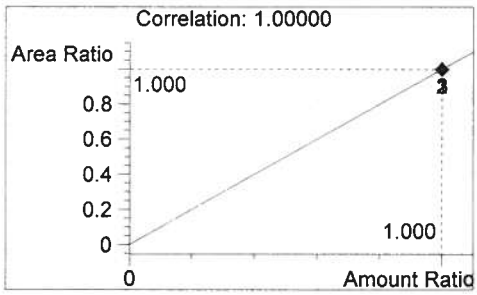
vial # 2



#	Compound	Area	RT
1	Ethanol	893	1.044
2	n-Propanol	2276	1.707
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

11033

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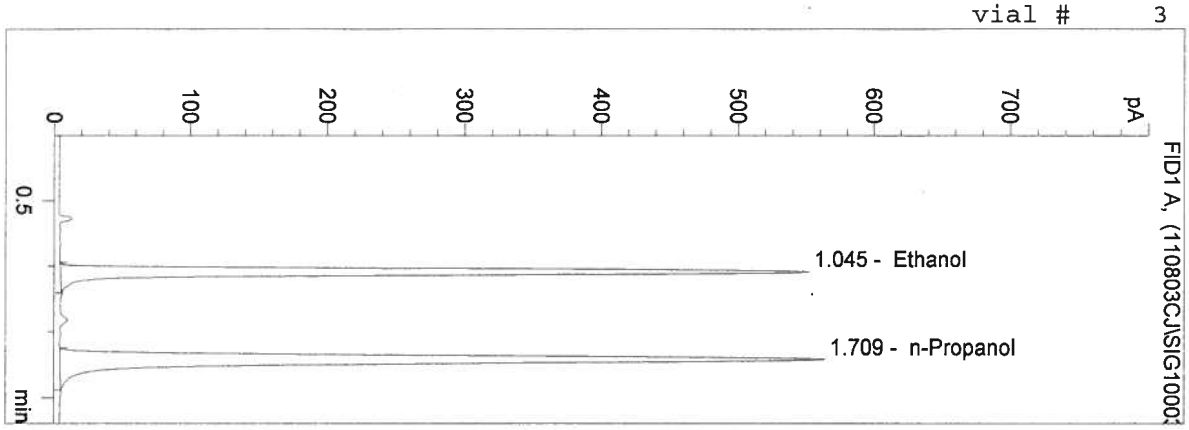
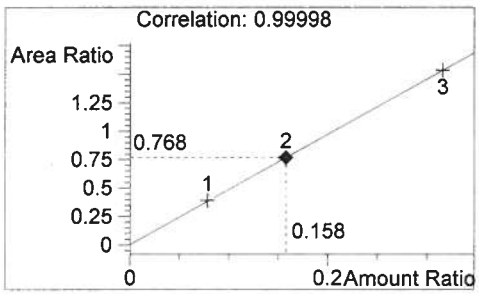
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 9:43:10 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Chris Johnston

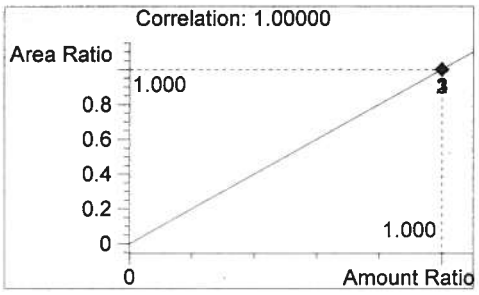
vial # 3



#	Compound	Area	RT
1	Ethanol	1796	1.045
2	n-Propanol	2338	1.709
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

a

11033

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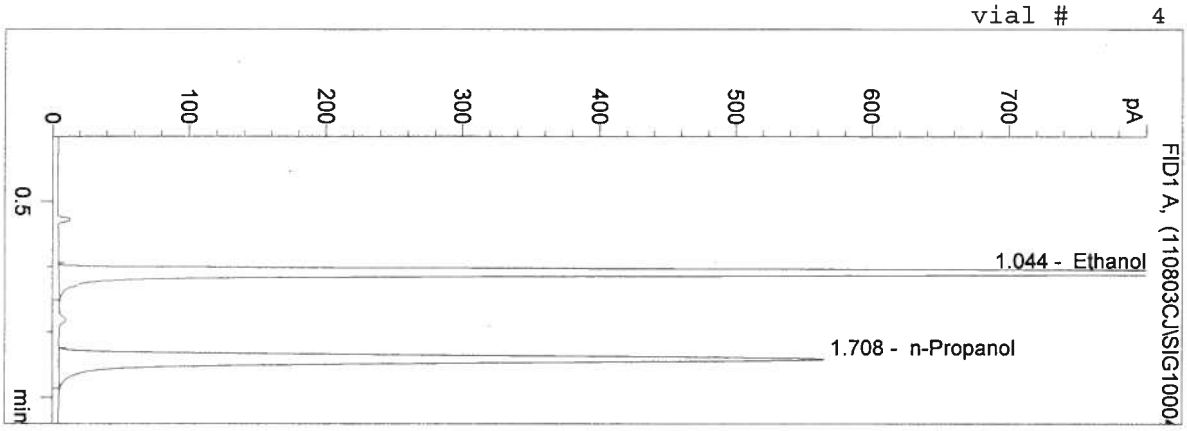
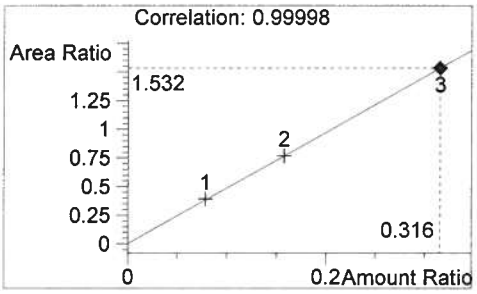
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 9:46:14 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Chris Johnston

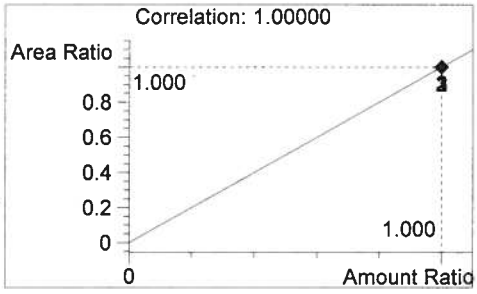
vial # 4



#	Compound	Area	RT
1	Ethanol	3569	1.044
2	n-Propanol	2329	1.708
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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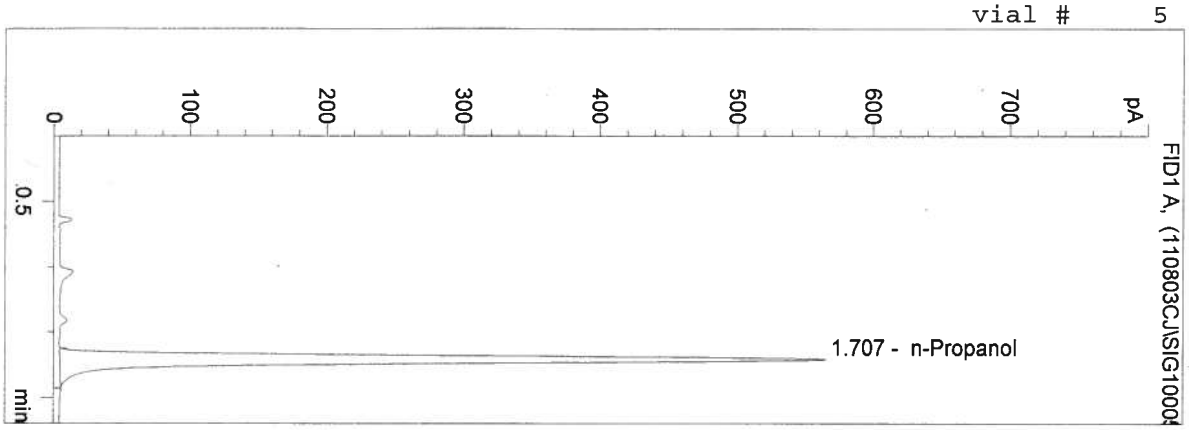
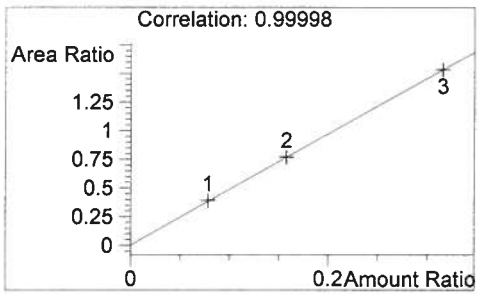
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 9:49:19 AM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

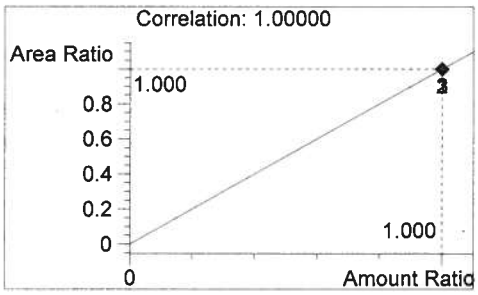
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2334	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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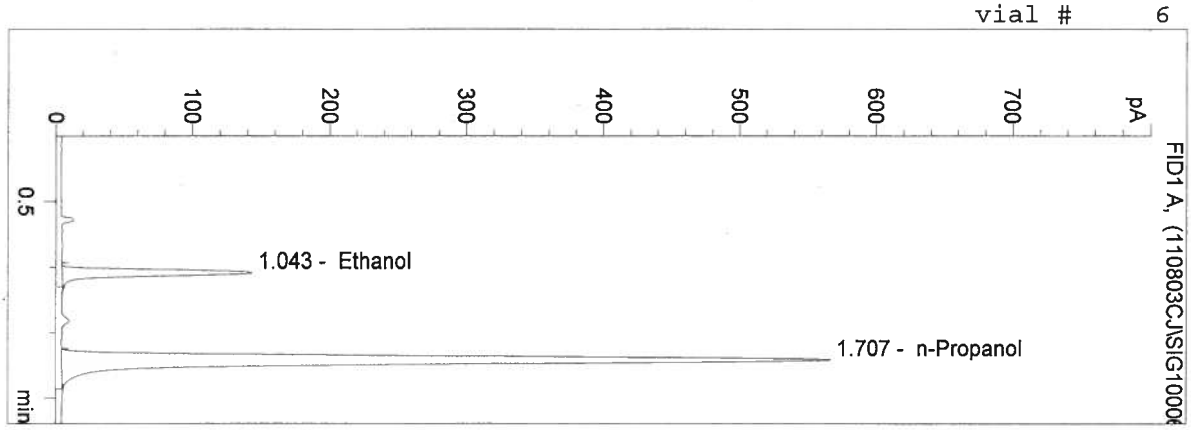
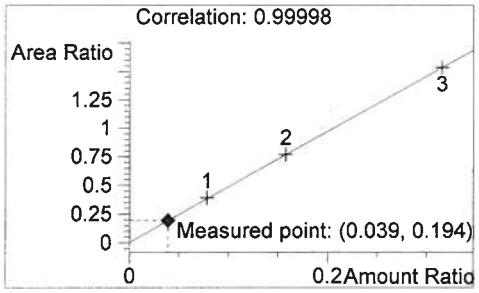
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 9:52:24 AM
Instrument 1
DB-ALC1

0.04 CTRL-CJ
Chris Johnston

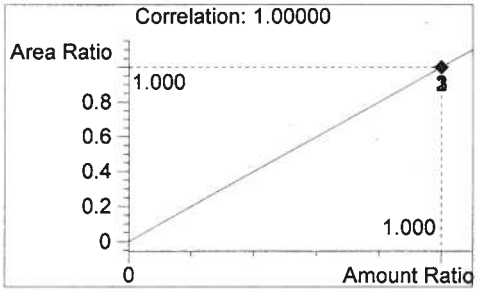
vial # 6



#	Compound	Area	RT
1	Ethanol	454	1.043
2	n-Propanol	2336	1.707
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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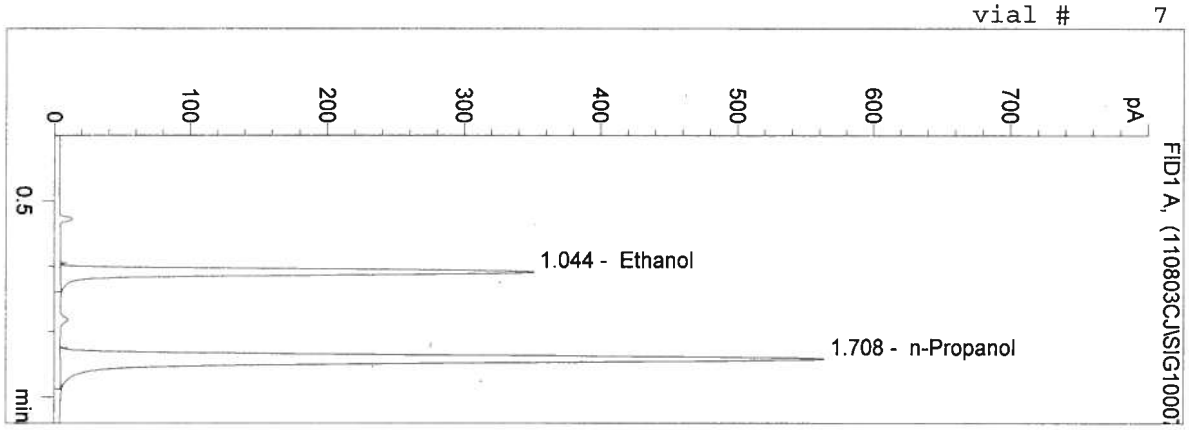
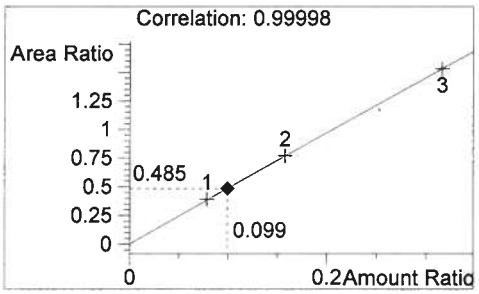
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 9:55:29 AM
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

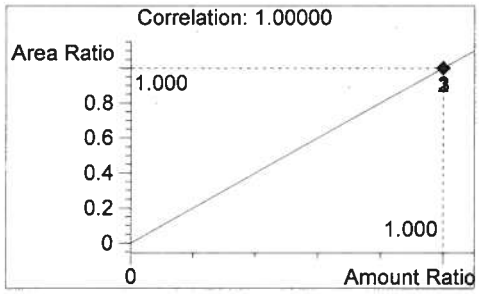
vial # 7



#	Compound	Area	RT
1	Ethanol	1136	1.044
2	n-Propanol	2343	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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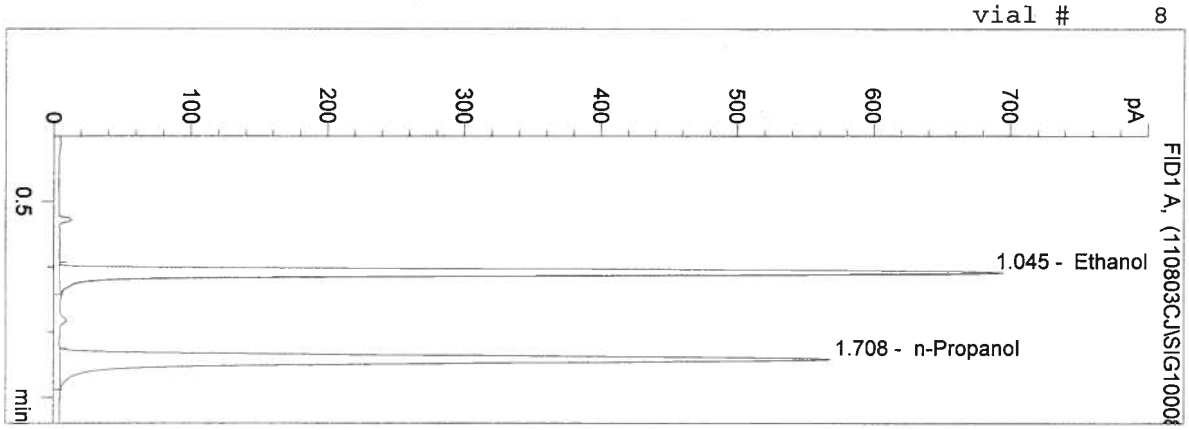
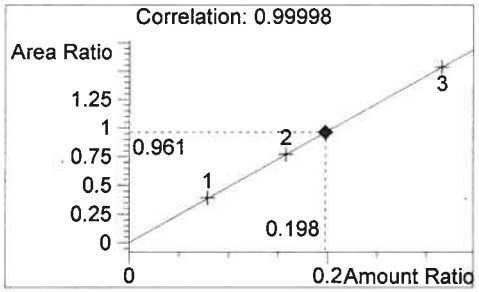
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 9:58:33 AM
Instrument 1
DB-ALC1

0.20 CTRL-CJ
Chris Johnston

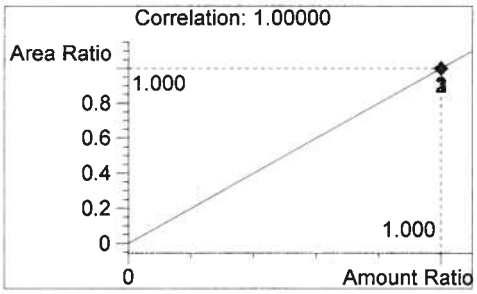
vial # 8



#	Compound	Area	RT
1	Ethanol	2261	1.045
2	n-Propanol	2353	1.708
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

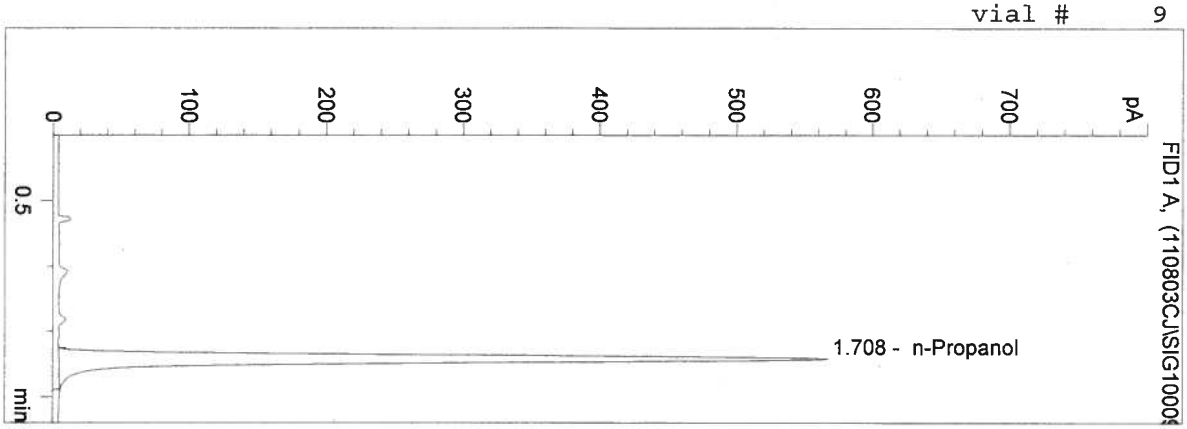
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

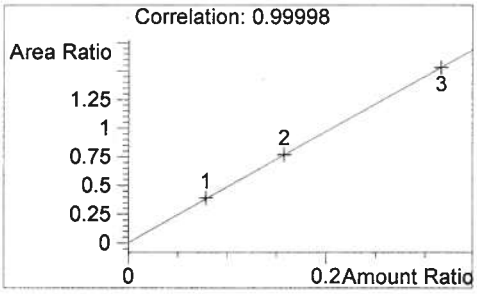
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 10:01:38 AM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

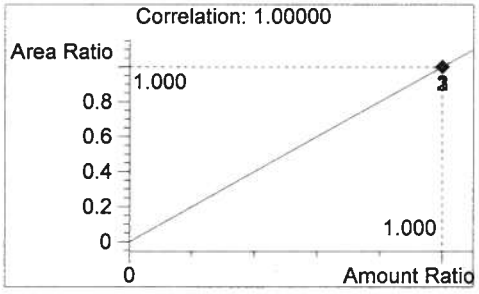
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2348	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

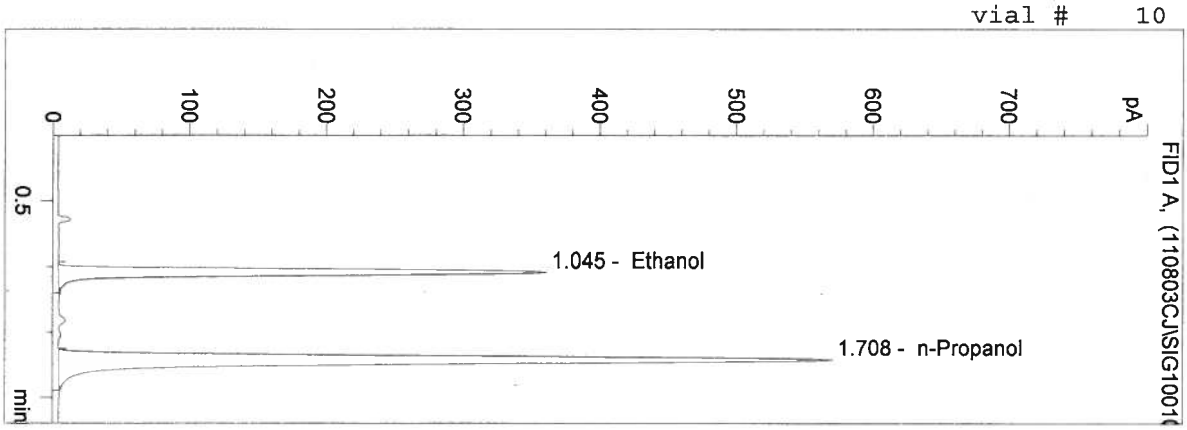
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

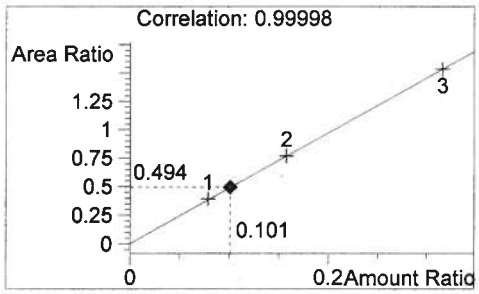
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 10:04:43 AM
Instrument 1
DB-ALC1

ESS 11033 #1
Chris Johnston

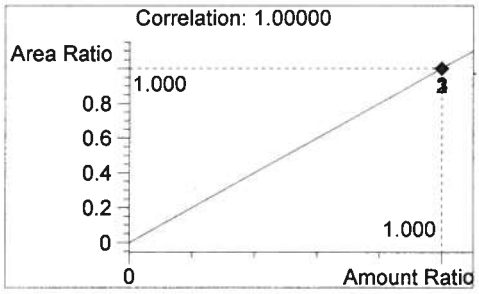
vial # 10



#	Compound	Area	RT
1	Ethanol	1166	1.045
2	n-Propanol	2362	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

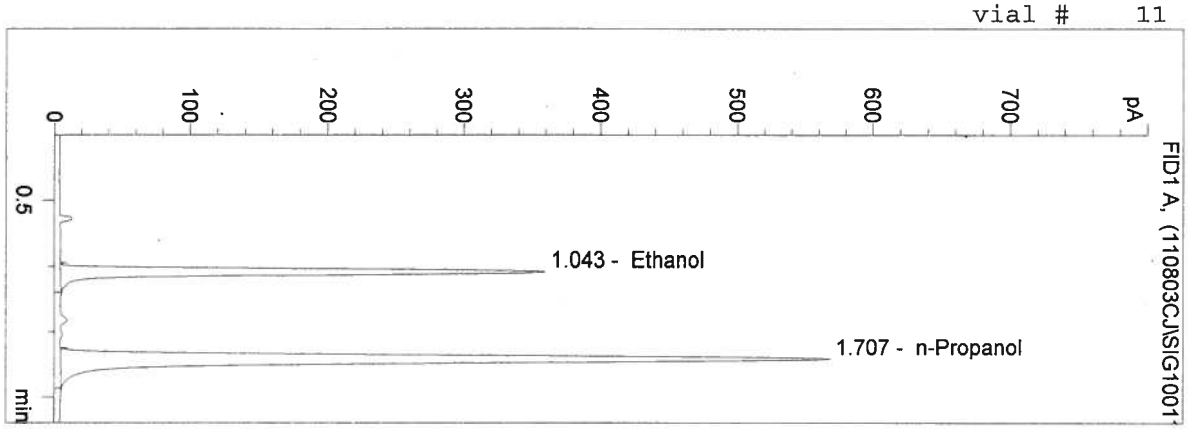
a)

WASHINGTON STATE TOXICOLOGY LABORATORY

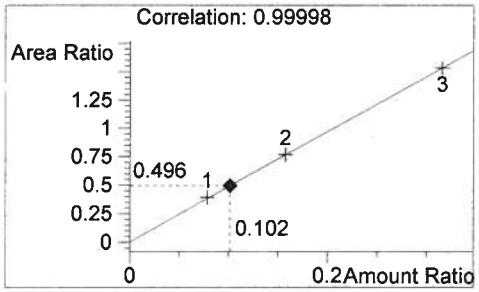
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 10:07:48 AM
Instrument 1
DB-ALC1

ESS 11033 #2
Chris Johnston

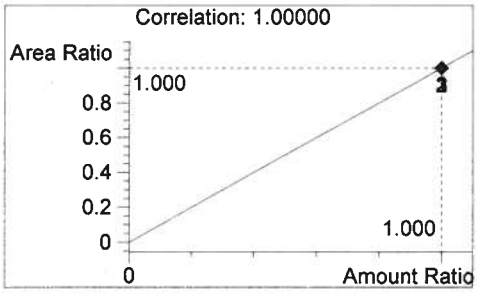
vial # 11



#	Compound	Area	RT
1	Ethanol	1162	1.043
2	n-Propanol	2342	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

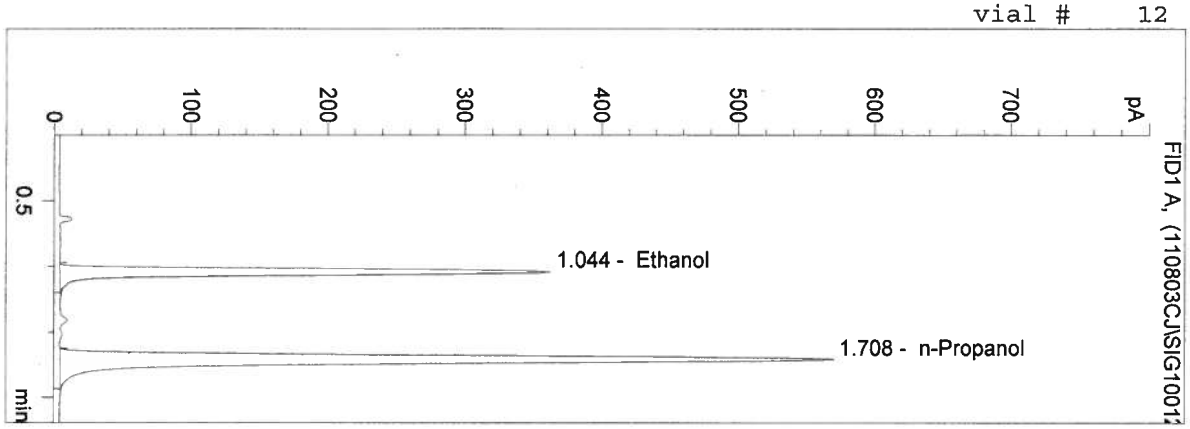
a)

WASHINGTON STATE TOXICOLOGY LABORATORY

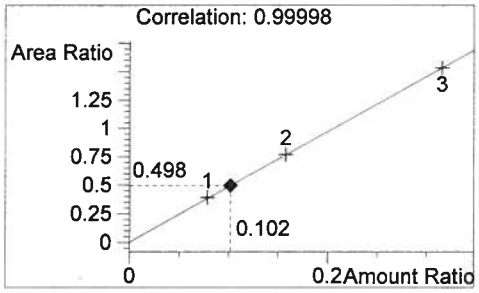
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 10:10:52 AM
Instrument 1
DB-ALC1

ESS 11033 #3
Chris Johnston

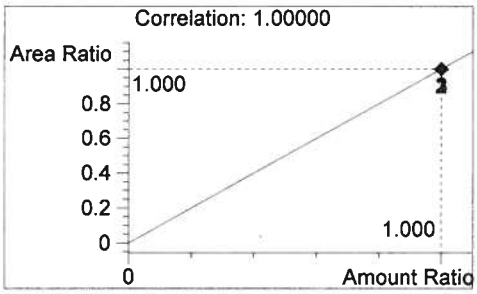
vial # 12



#	Compound	Area	RT
1	Ethanol	1170	1.044
2	n-Propanol	2350	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

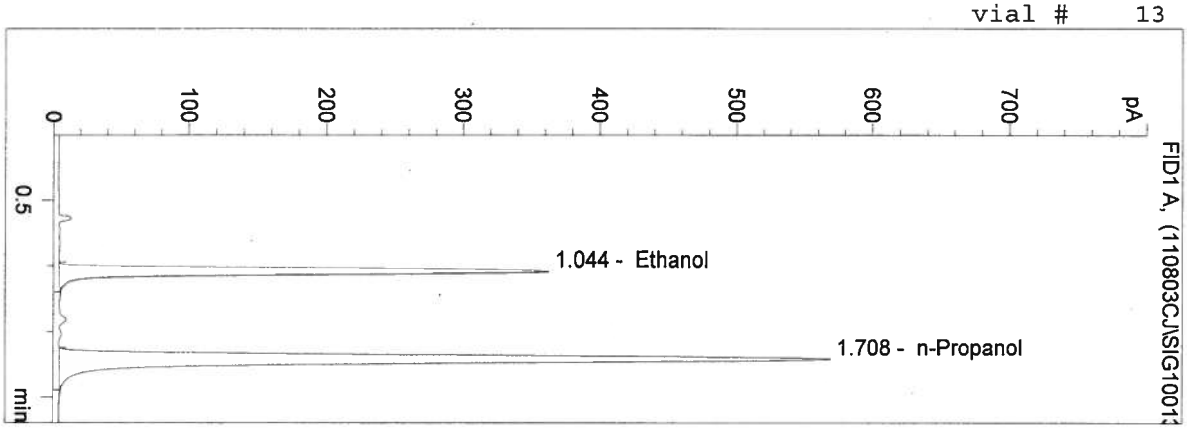
3

WASHINGTON STATE TOXICOLOGY LABORATORY

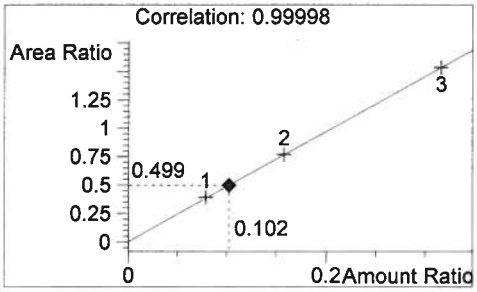
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 10:13:57 AM
Instrument 1
DB-ALC1

ESS 11033 #4
Chris Johnston

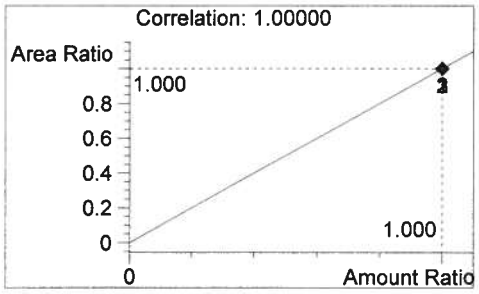
vial # 13



#	Compound	Area	RT
1	Ethanol	1178	1.044
2	n-Propanol	2360	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

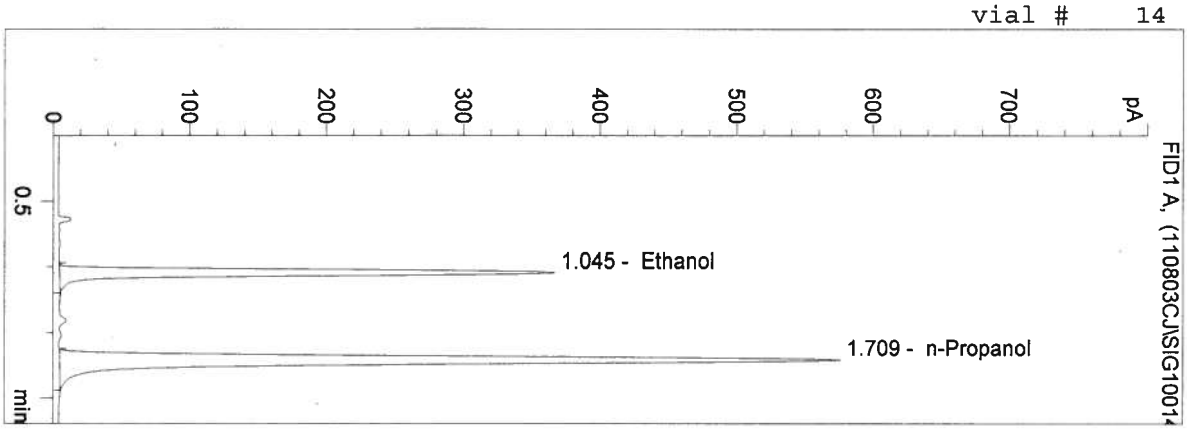
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

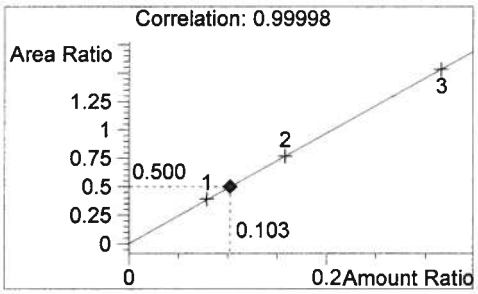
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 10:17:02 AM
Instrument 1
DB-ALC1

ESS 11033 #5
Chris Johnston

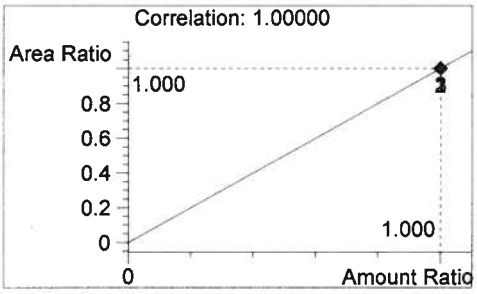
vial # 14



#	Compound	Area	RT
1	Ethanol	1193	1.045
2	n-Propanol	2384	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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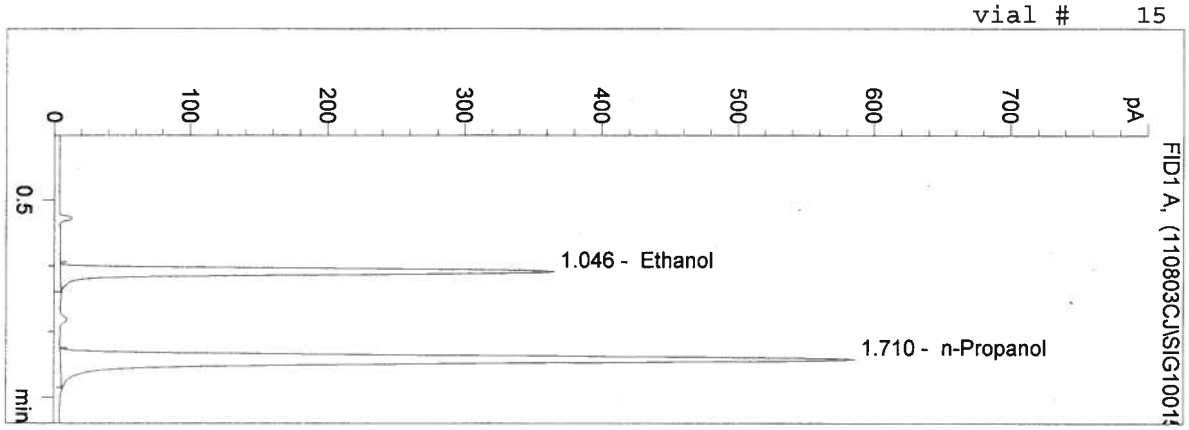
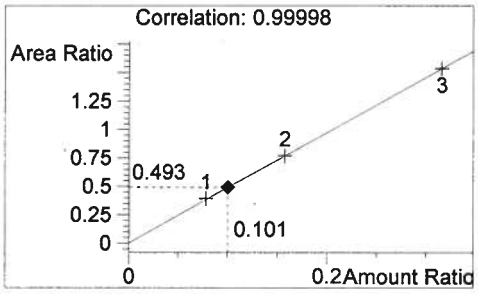
8/3/2011 10:20:07 AM
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

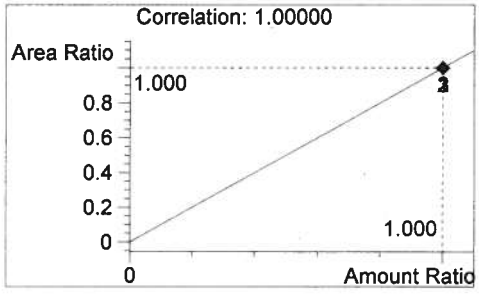
vial # 15



#	Compound	Area	RT
1	Ethanol	1195	1.046
2	n-Propanol	2426	1.710
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

11033

WASHINGTON STATE TOXICOLOGY LABORATORY

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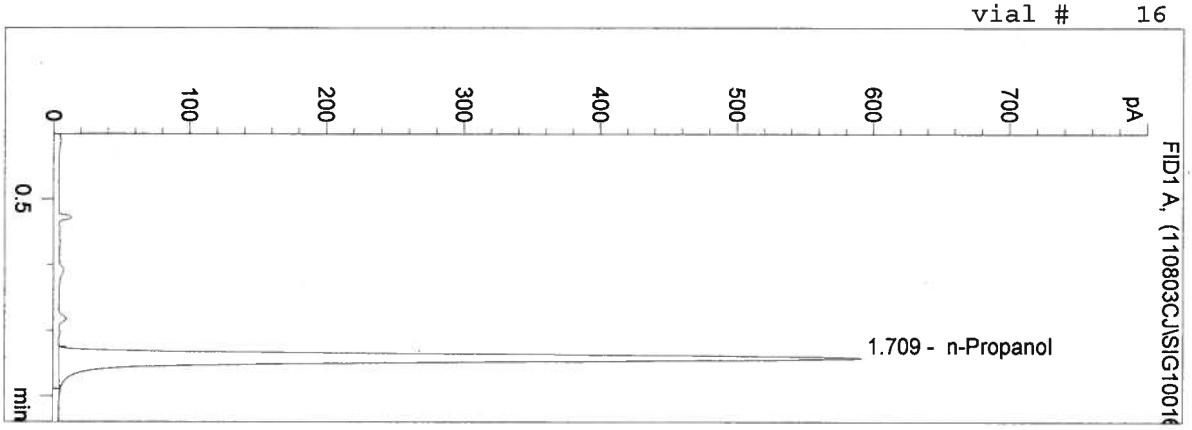
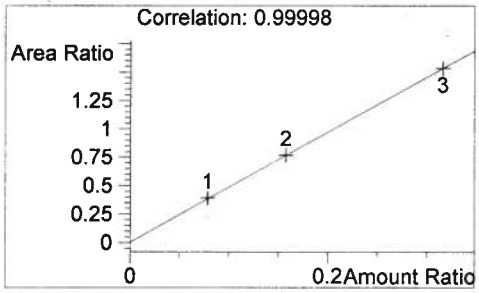
8/3/2011 10:23:11 AM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

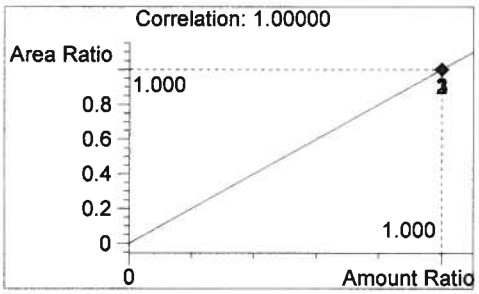
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2455	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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

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:	110803DC
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 # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

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	11033 #1	SIMALC1	1	Sample		
11	Vial 11	11033 #2	SIMALC1	1	Sample		
12	Vial 12	11033 #3	SIMALC1	1	Sample		
13	Vial 13	11033 #4	SIMALC1	1	Sample		
14	Vial 14	11033 #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	

Sequence Table (Back Injector):

No entries - empty table!

11033

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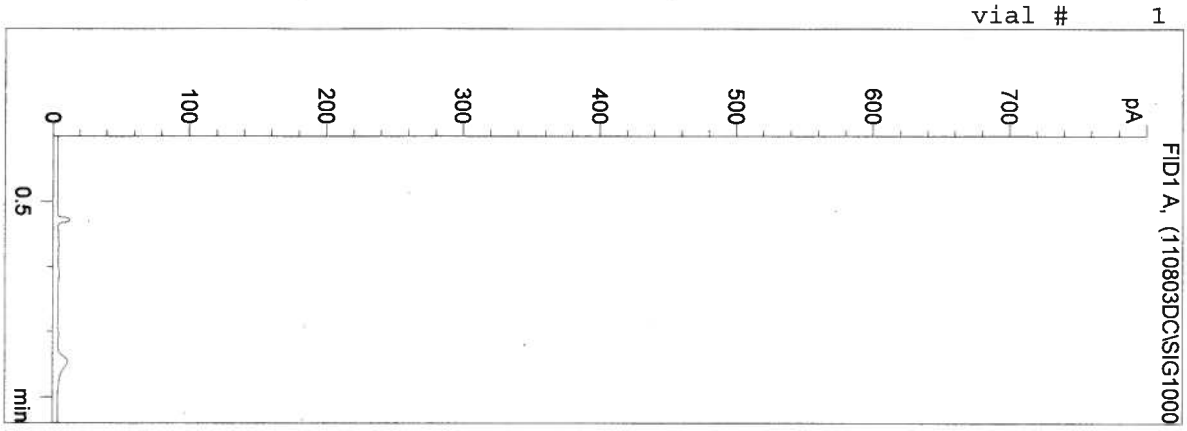
11033 DC

WASHINGTON STATE TOXICOLOGY LABORATORY

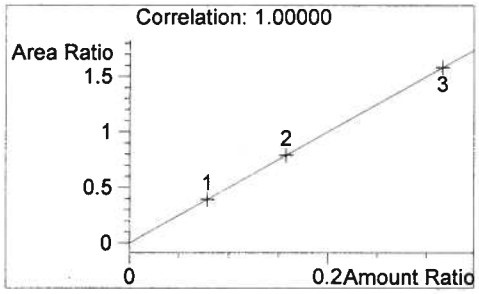
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 1:13:28 PM
Instrument 1
DB-ALC1

BLANK
Dawn Cox

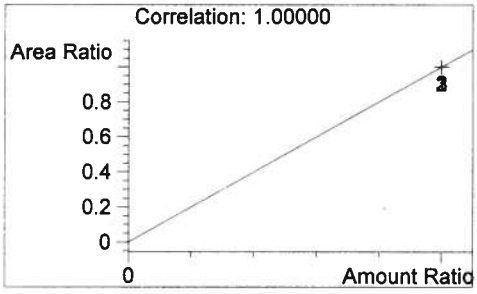
vial # 1



#	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

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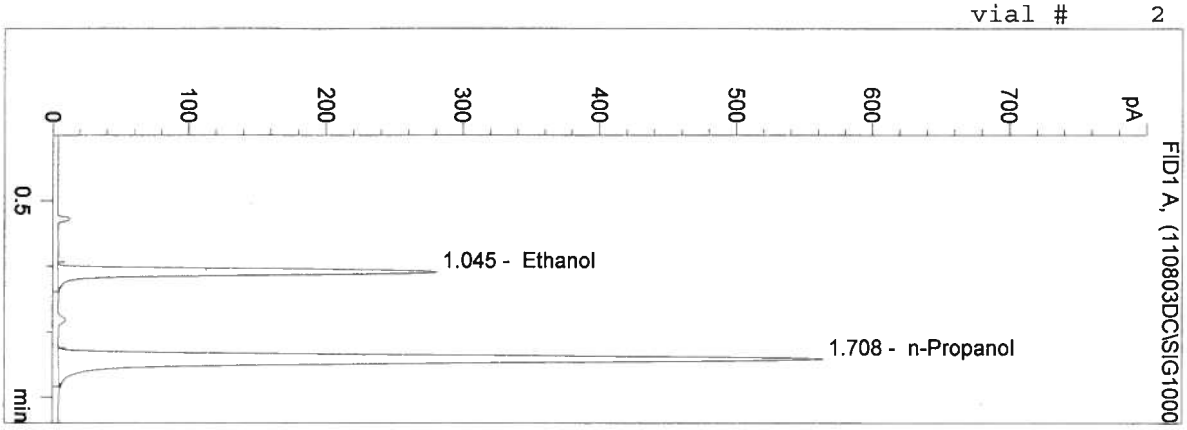
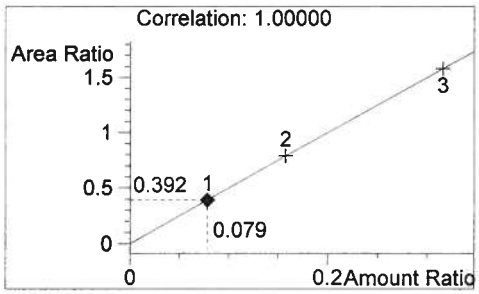
8/3/2011 1:16:32 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Dawn Cox

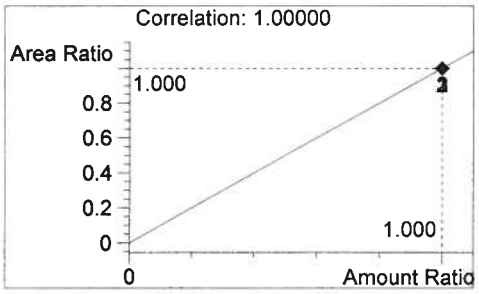
vial # 2



#	Compound	Area	RT
1	Ethanol	906	1.045
2	n-Propanol	2314	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

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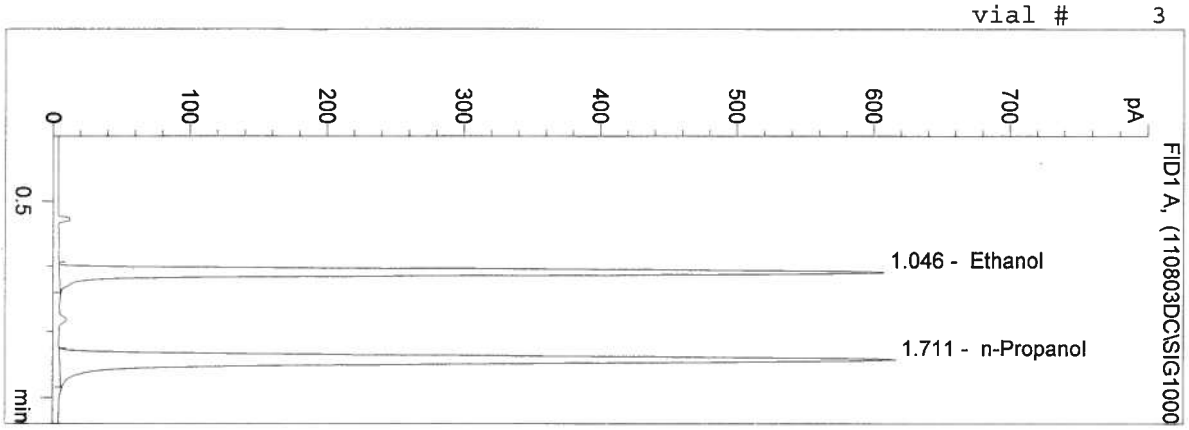
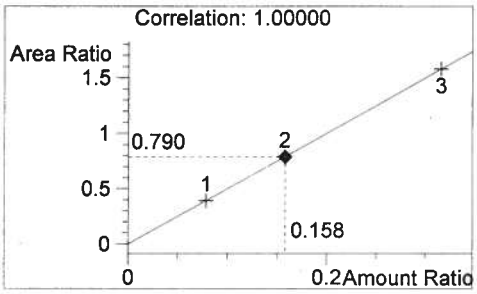
8/3/2011 1:19:37 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Dawn Cox

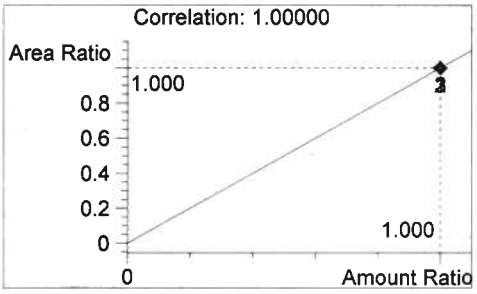
vial # 3



#	Compound	Area	RT
1	Ethanol	2009	1.046
2	n-Propanol	2544	1.711
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

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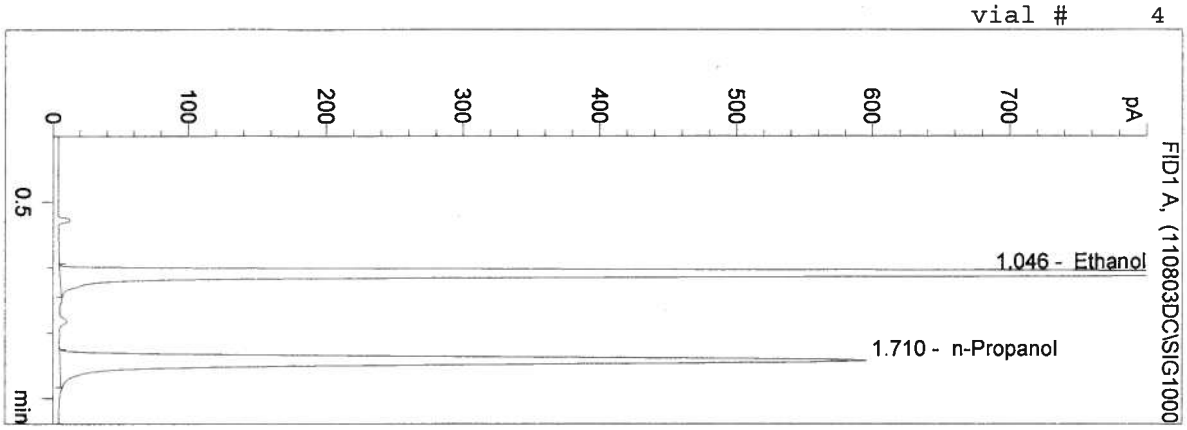
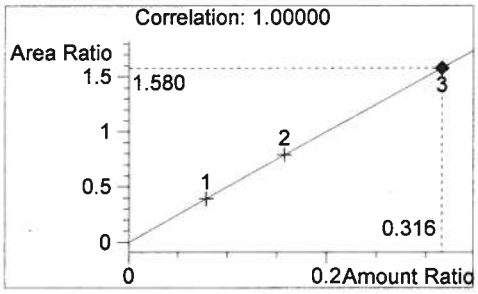
8/3/2011 1:22:42 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Dawn Cox

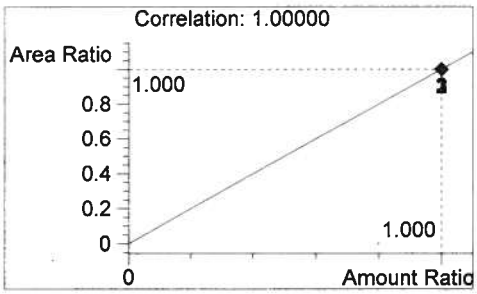
vial # 4



#	Compound	Area	RT
1	Ethanol	3868	1.046
2	n-Propanol	2449	1.710
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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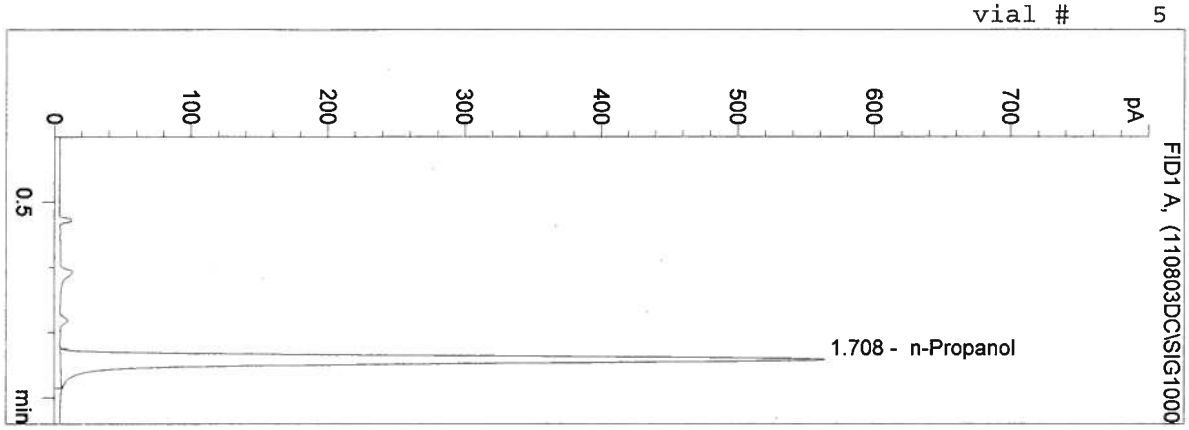
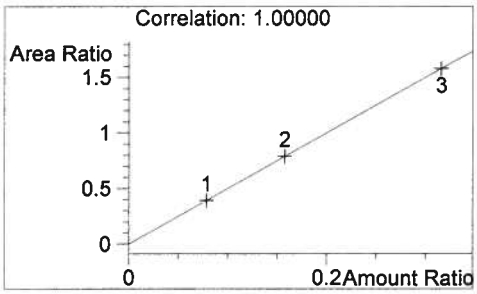
8/3/2011 1:25:46 PM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

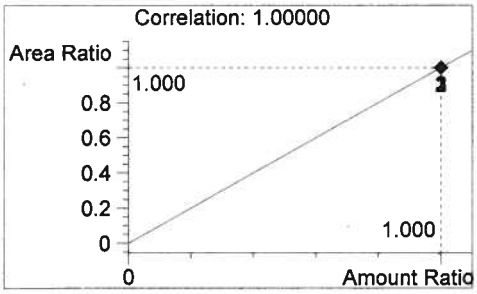
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2327	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

DC

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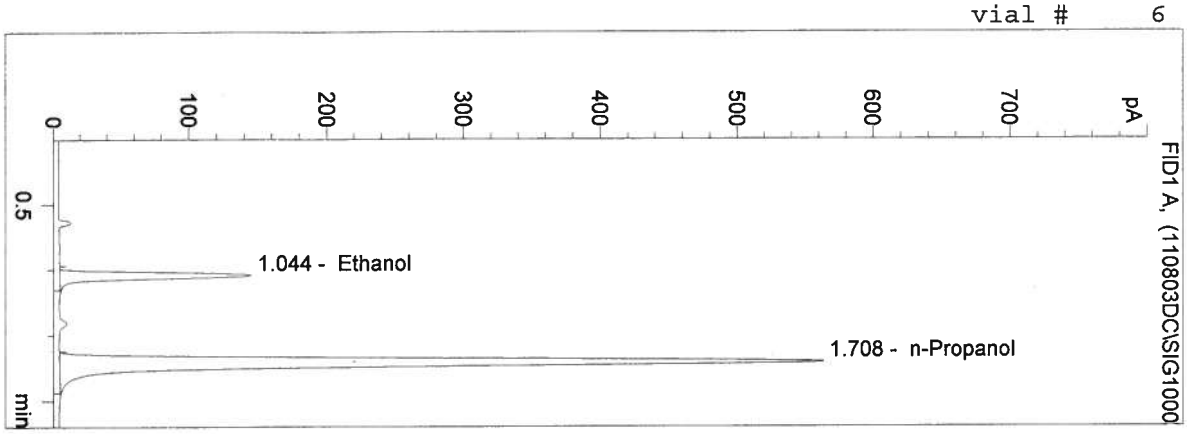
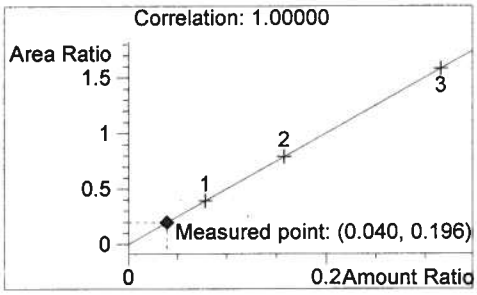
8/3/2011 1:28:51 PM
Instrument 1
DB-ALC1

0.04 CTRL-DC
Dawn Cox

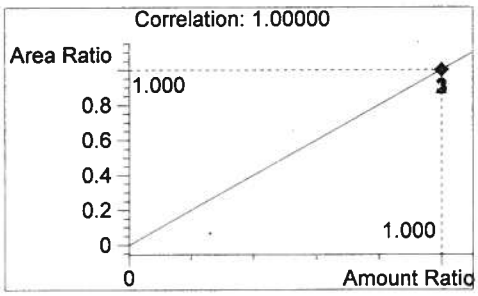
vial # 6



#	Compound	Area	RT
1	Ethanol	459	1.044
2	n-Propanol	2337	1.708
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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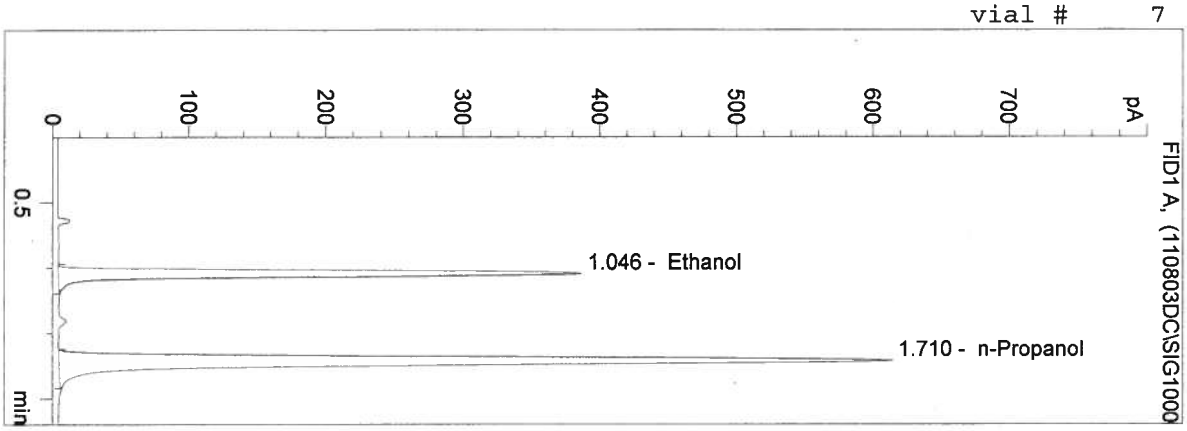
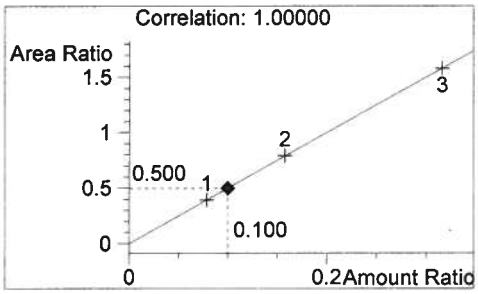
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

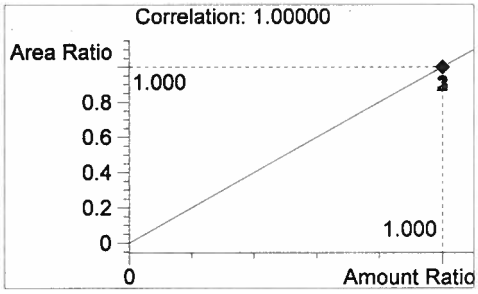
vial # 7



#	Compound	Area	RT
1	Ethanol	1267	1.046
2	n-Propanol	2535	1.710
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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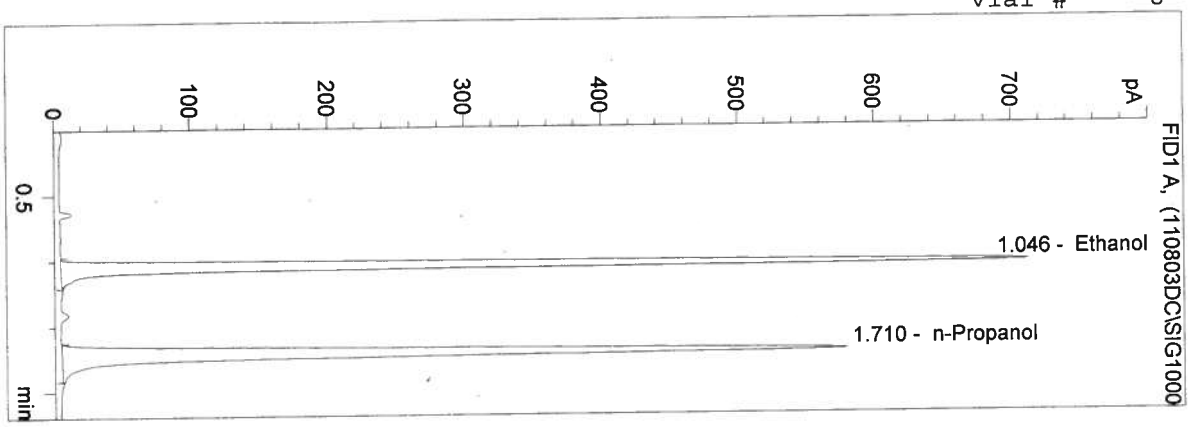
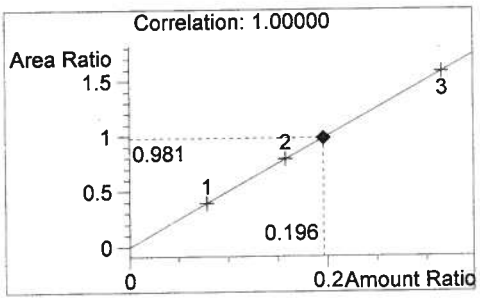
Instrument 1
DB-ALC1

0.20 CTRL-DC
Dawn Cox

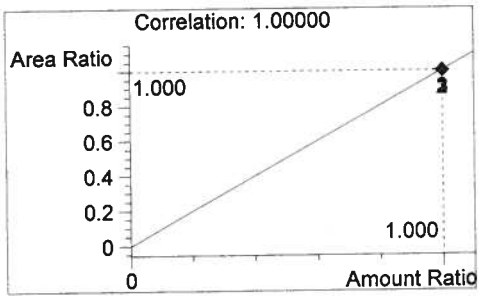
vial # 8



#	Compound	Area	RT
1	Ethanol	2339	1.046
2	n-Propanol	2385	1.710
Tot			



Ethanol 0.196 g/100 mL



n-Propanol 1.000 g/100 mL

11033

DC

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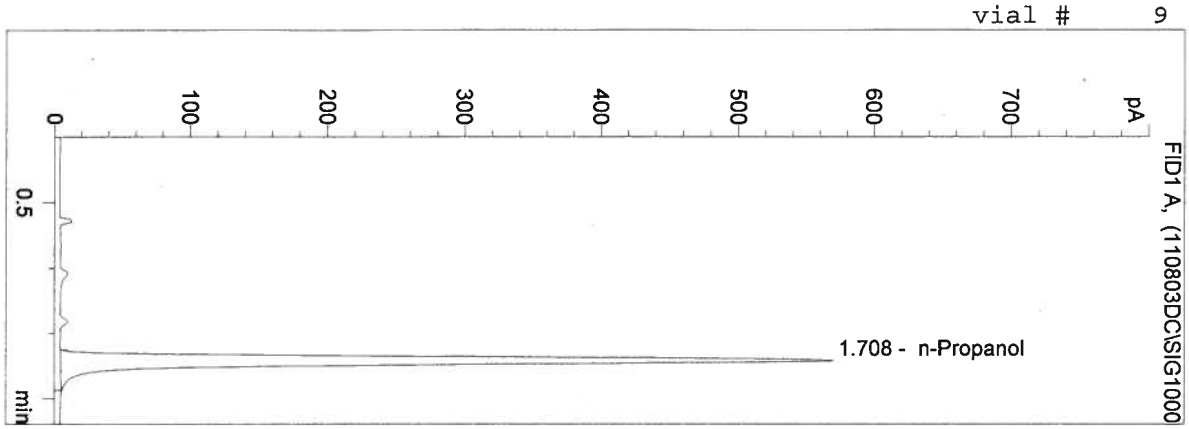
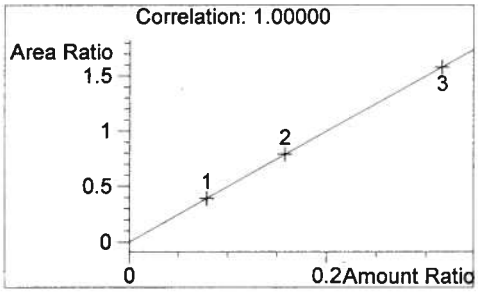
8/3/2011 1:38:05 PM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

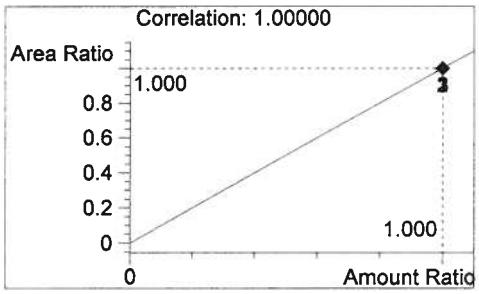
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2358	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

DC

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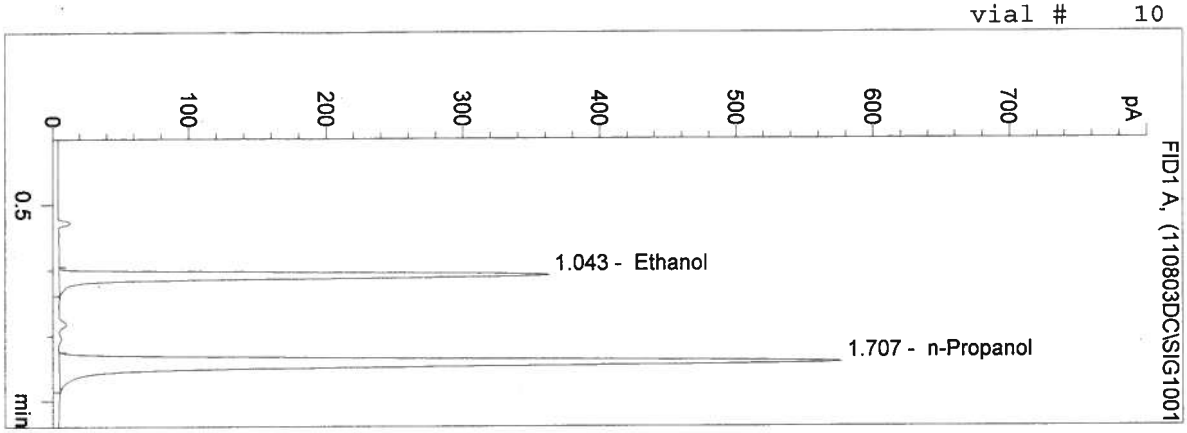
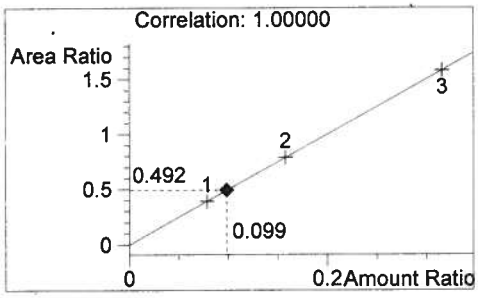
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 1:41:10 PM
Instrument 1
DB-ALC1

11033 #1
Dawn Cox

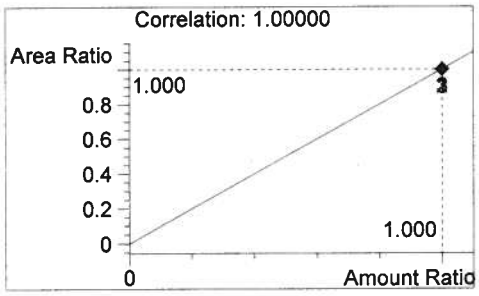
vial # 10



#	Compound	Area	RT
1	Ethanol	1168	1.043
2	n-Propanol	2374	1.707
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

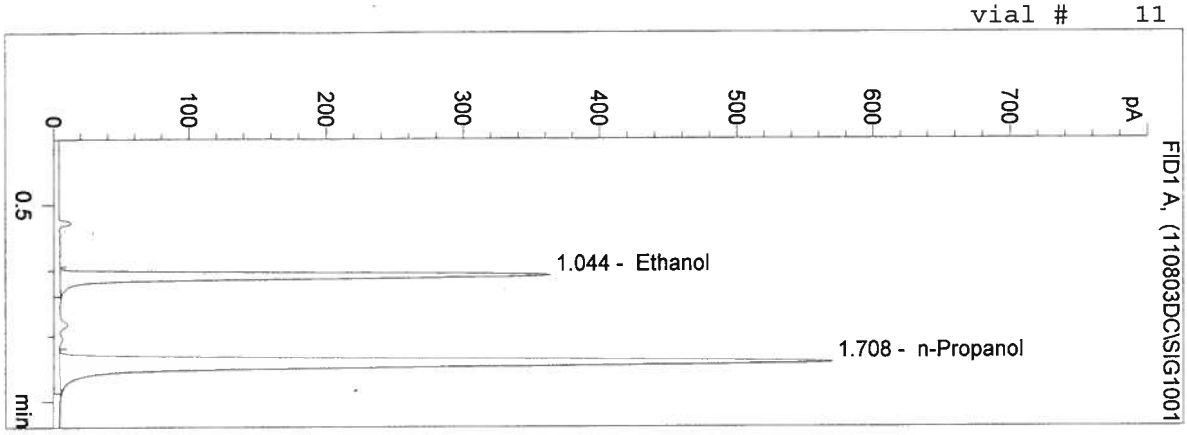
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

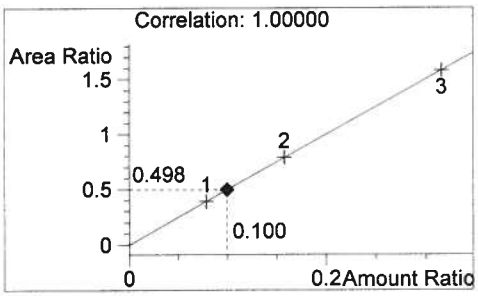
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 1:44:14 PM
Instrument 1
DB-ALC1

11033 #2
Dawn Cox

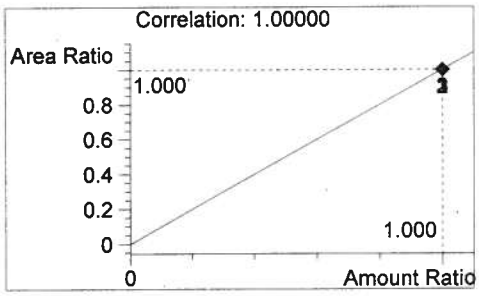
vial # 11



#	Compound	Area	RT
1	Ethanol	1174	1.044
2	n-Propanol	2360	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

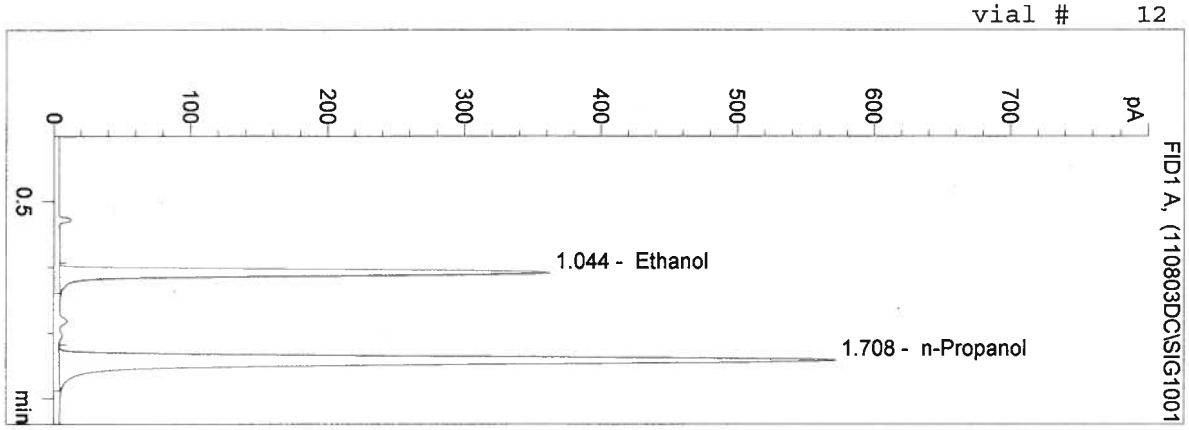
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

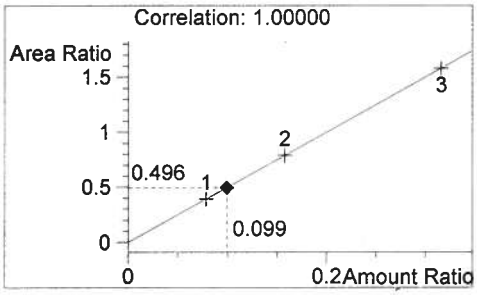
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 1:47:19 PM
Instrument 1
DB-ALC1

11033 #3
Dawn Cox

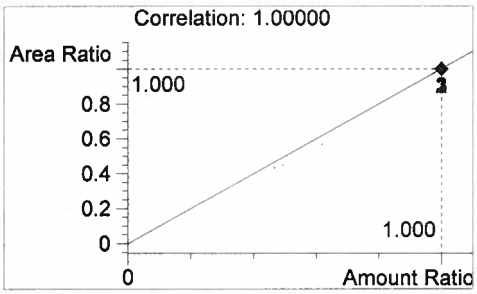
vial # 12



#	Compound	Area	RT
1	Ethanol	1173	1.044
2	n-Propanol	2365	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

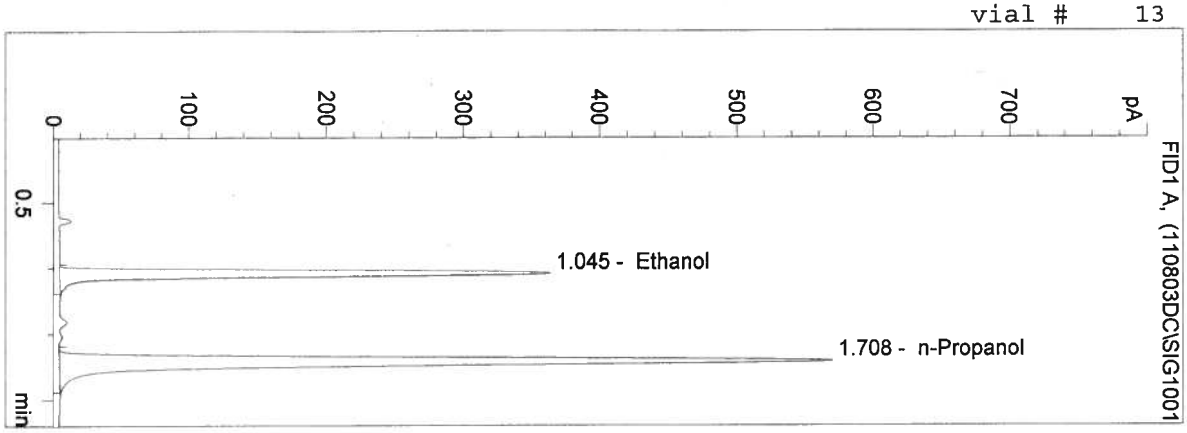
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

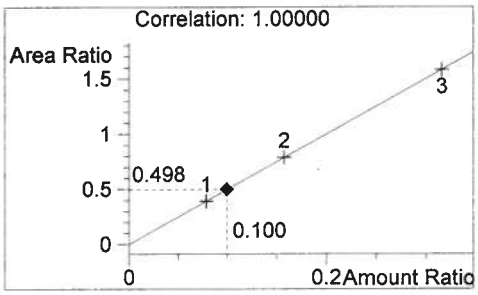
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 1:50:24 PM
Instrument 1
DB-ALC1

11033 #4
Dawn Cox

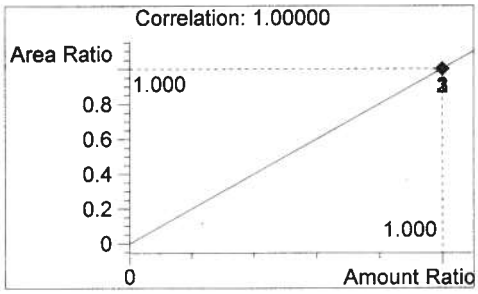
vial # 13



#	Compound	Area	RT
1	Ethanol	1176	1.045
2	n-Propanol	2360	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

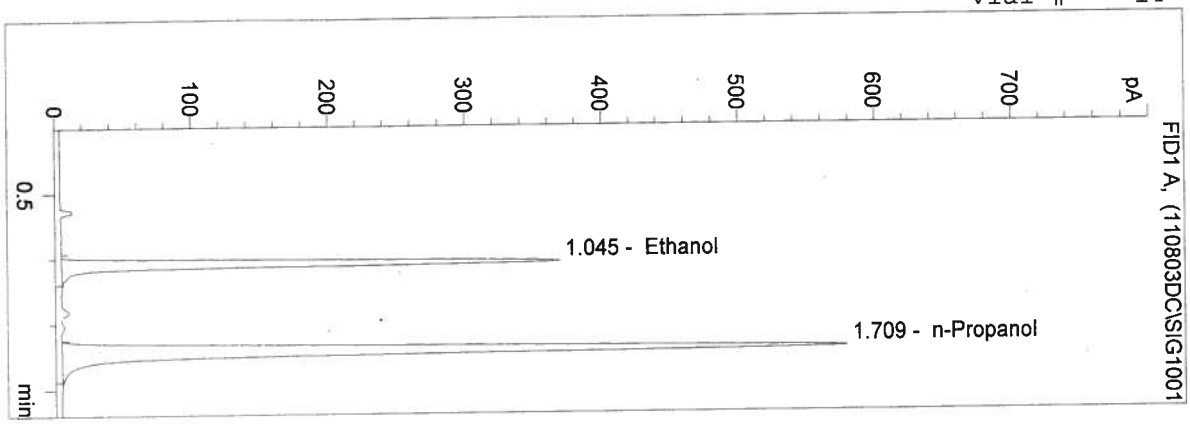
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

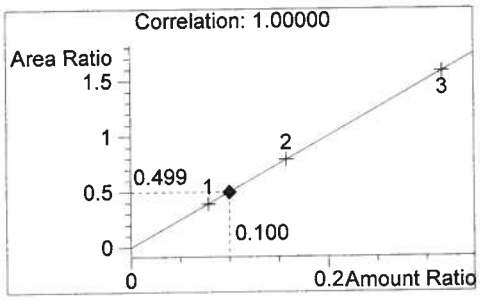
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 1:53:29 PM
Instrument 1
DB-ALC1

11033 #5
Dawn Cox

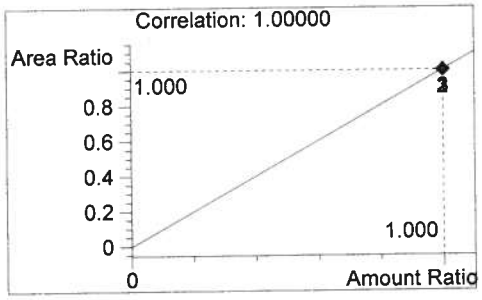
vial # 14



#	Compound	Area	RT
1	Ethanol	1195	1.045
2	n-Propanol	2394	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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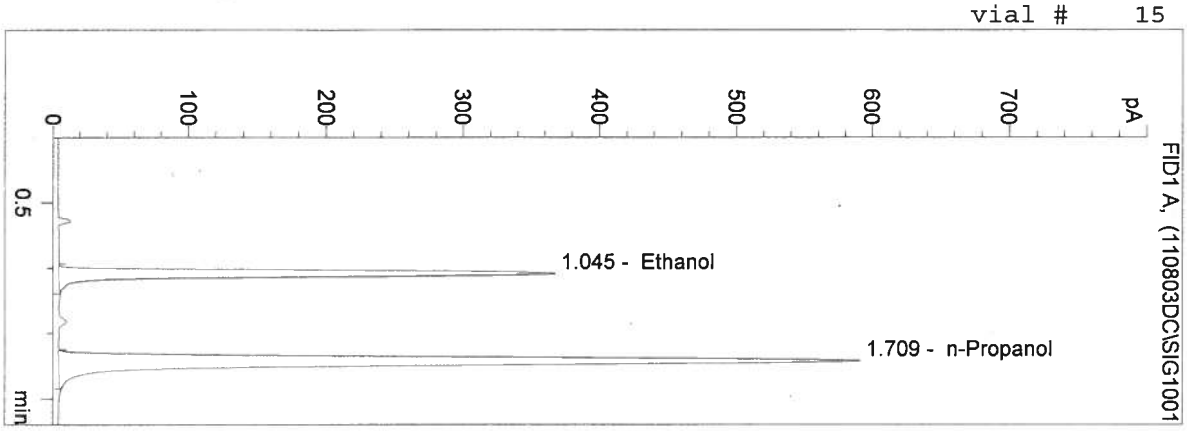
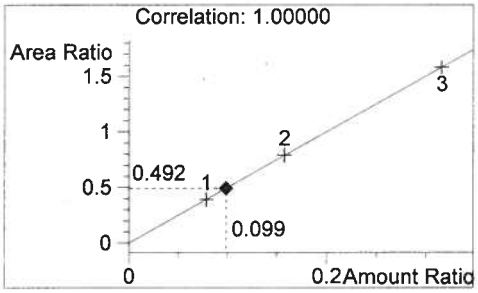
8/3/2011 1:56:34 PM
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

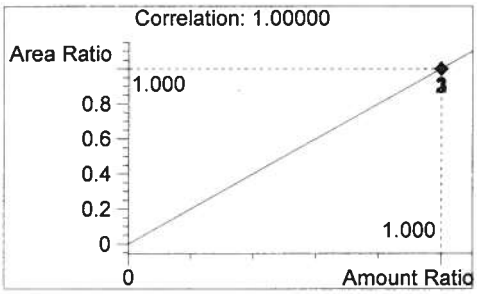
vial # 15



#	Compound	Area	RT
1	Ethanol	1201	1.045
2	n-Propanol	2440	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11033

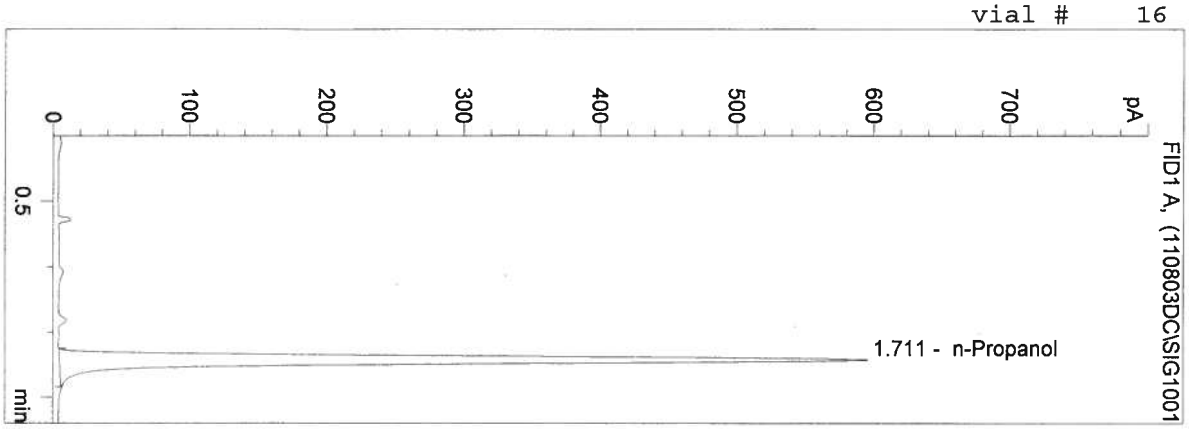
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

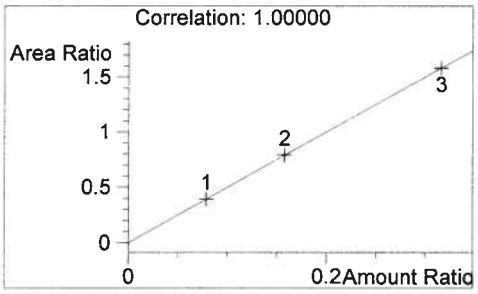
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 1:59:38 PM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

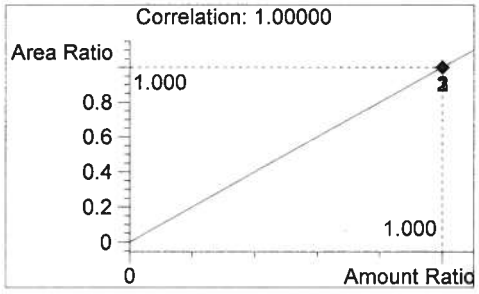
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2454	1.711
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

DC

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:	110803JK
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 #A075806 - Exp. 11/2014
0.20 Control - Lot #A076521 - Exp. 12/2014

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	11033-1	SIMALC1	1	Sample		
11	Vial 11	11033-2	SIMALC1	1	Sample		
12	Vial 12	11033-3	SIMALC1	1	Sample		
13	Vial 13	11033-4	SIMALC1	1	Sample		
14	Vial 14	11033-5	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	

11033

Sequence Table (Back Injector):

No entries - empty table!

JK

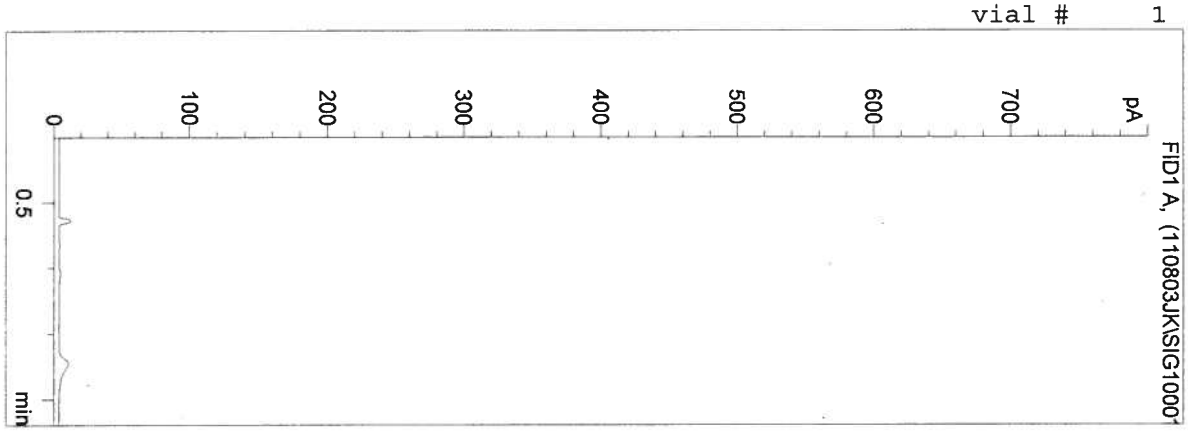
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

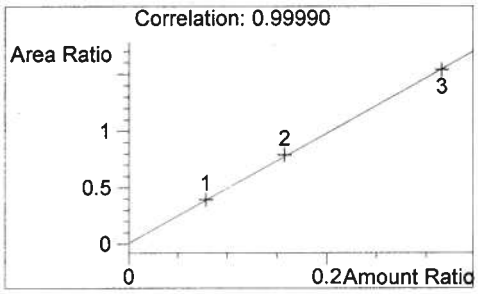
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 2:33:04 PM
Instrument 1
DB-ALC1

BLANK
Justin Knoy

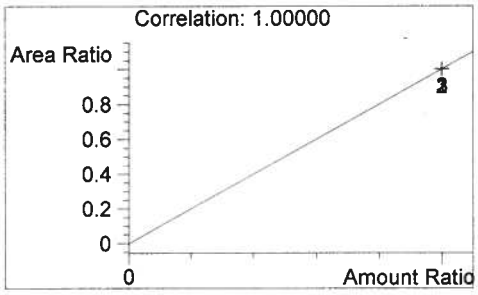
vial # 1



#	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

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WASHINGTON STATE TOXICOLOGY LABORATORY

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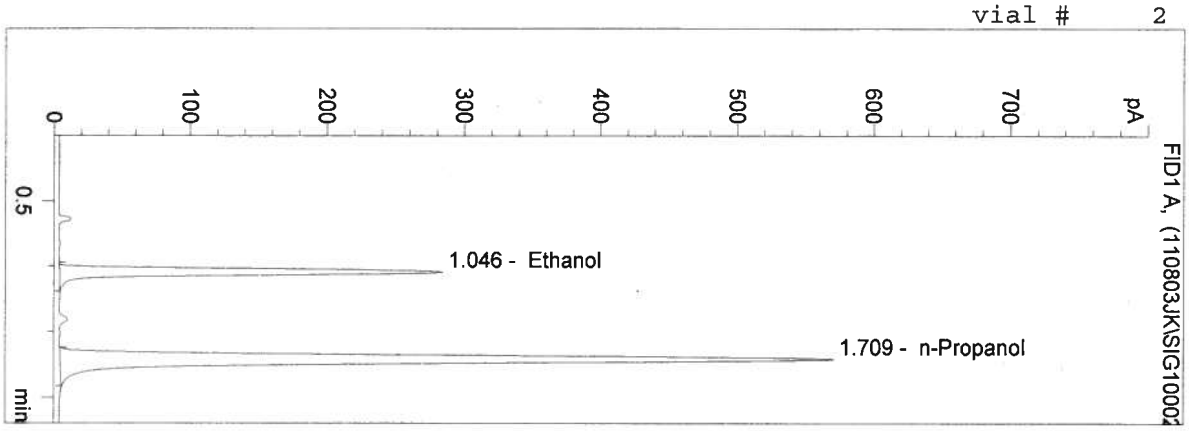
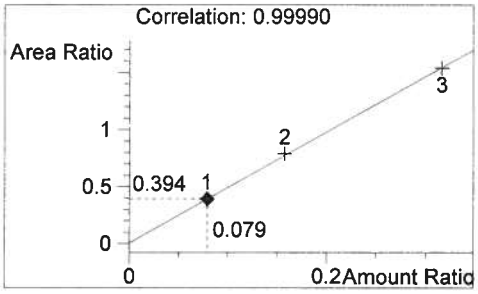
8/3/2011 2:36:08 PM
Instrument 1
DB-ALC1

0.079 CAL
Justin Knoy

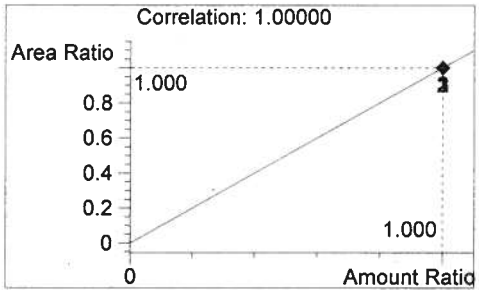
vial # 2



#	Compound	Area	RT
1	Ethanol	918	1.046
2	n-Propanol	2333	1.709
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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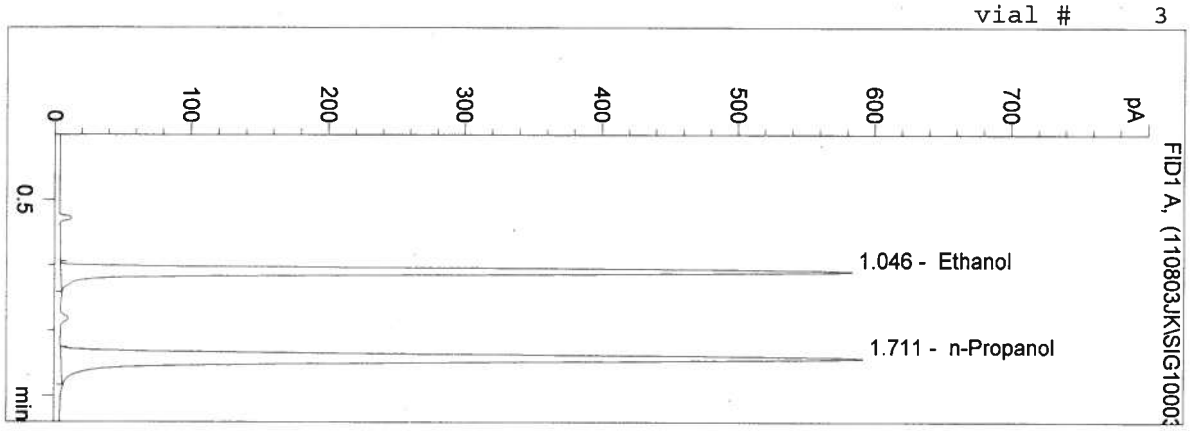
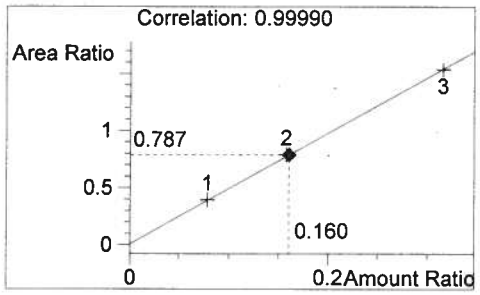
8/3/2011 2:39:13 PM
Instrument 1
DB-ALC1

0.158 CAL
Justin Knoy

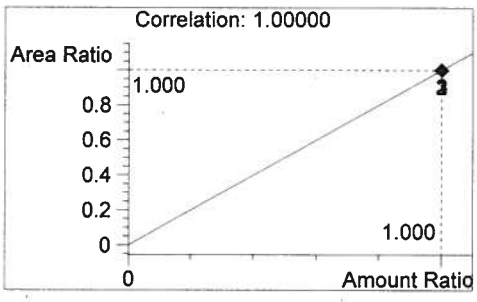
vial # 3



#	Compound	Area	RT
1	Ethanol	1919	1.046
2	n-Propanol	2438	1.711
Tot			



Ethanol 0.160 g/100 mL



n-Propanol 1.000 g/100 mL

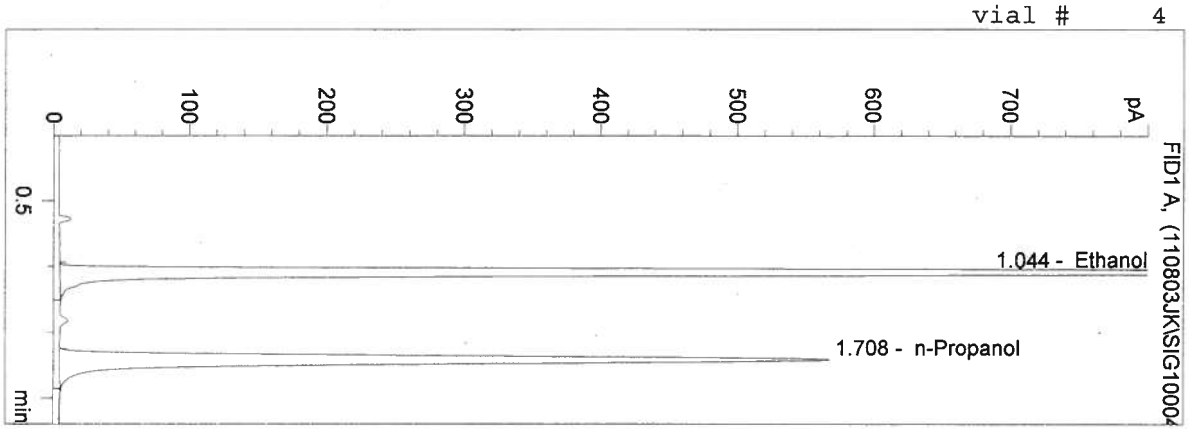
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

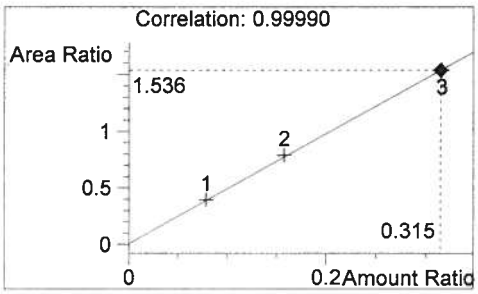
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 2:42:18 PM
Instrument 1
DB-ALC1

0.316 CAL
Justin Knoy

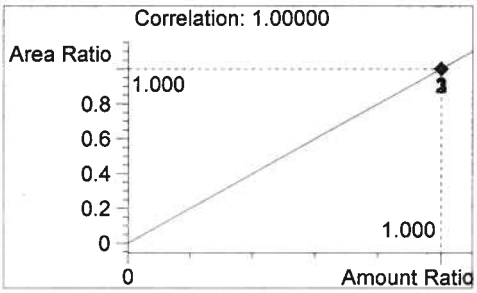
vial # 4



#	Compound	Area	RT
1	Ethanol	3575	1.044
2	n-Propanol	2327	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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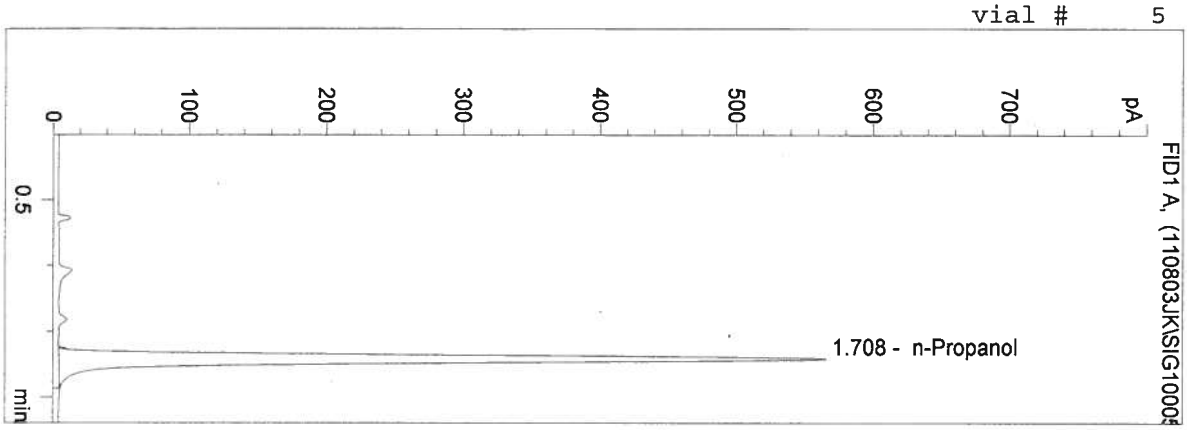
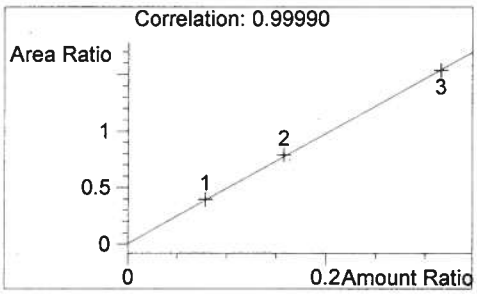
8/3/2011 2:45:23 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

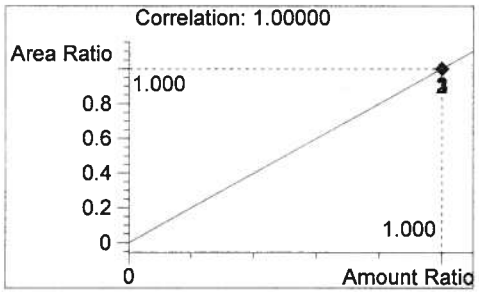
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2333	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

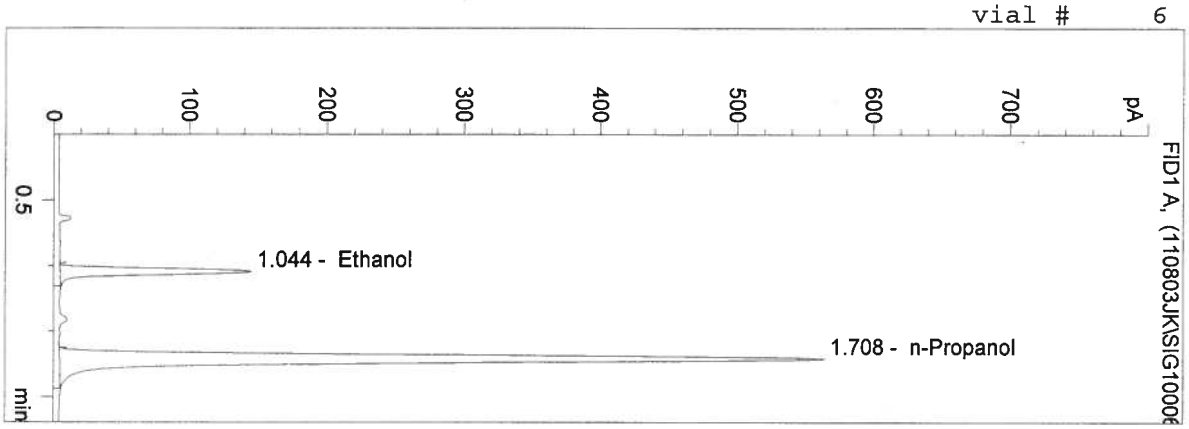
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

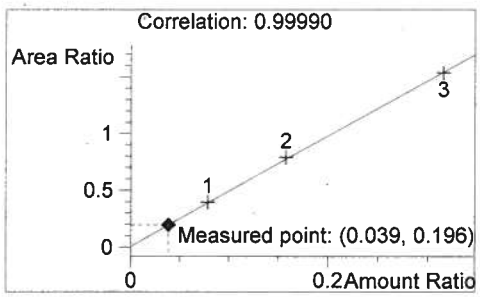
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 2:48:27 PM
Instrument 1
DB-ALC1

0.04 CTRL JK
Justin Knoy

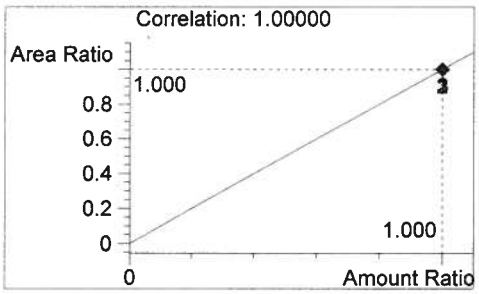
vial # 6



#	Compound	Area	RT
1	Ethanol	457	1.044
2	n-Propanol	2332	1.708
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

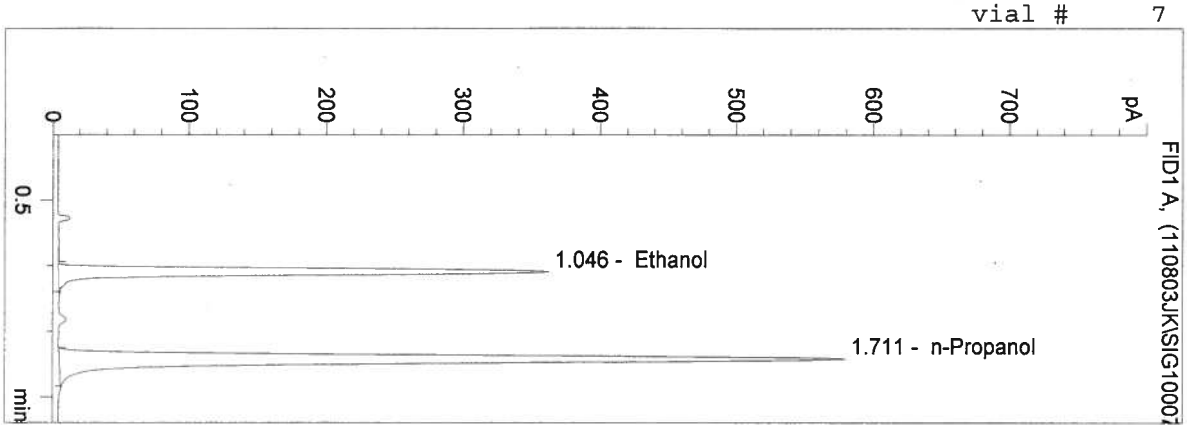
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

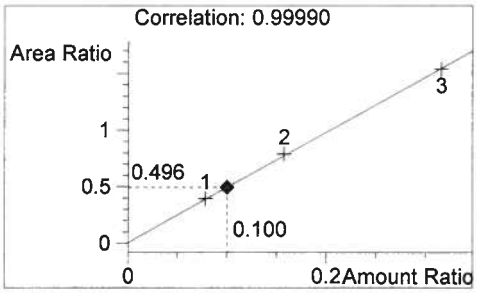
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 2:51:32 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

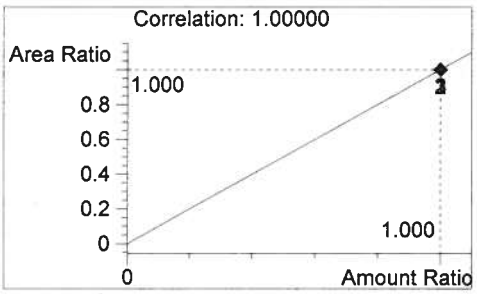
vial # 7



#	Compound	Area	RT
1	Ethanol	1183	1.046
2	n-Propanol	2386	1.711
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

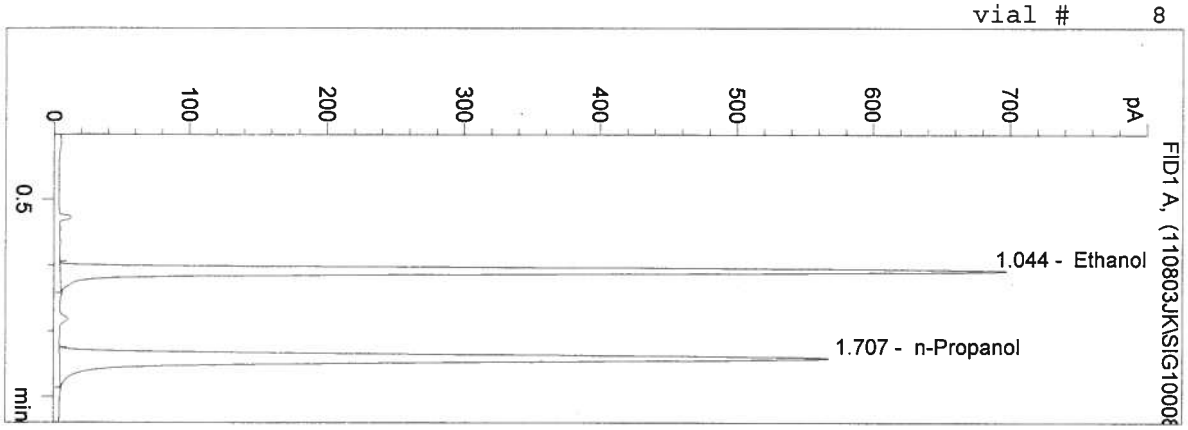
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

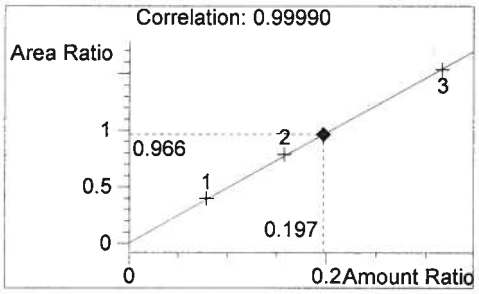
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 2:54:37 PM
Instrument 1
DB-ALC1

0.20 CTRL JK
Justin Knoy

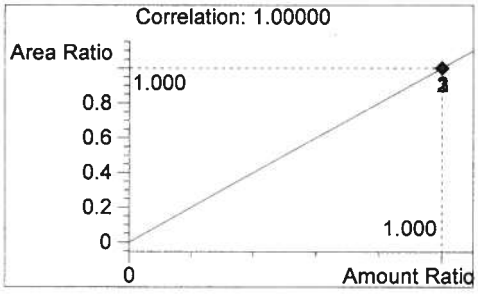
vial # 8



#	Compound	Area	RT
1	Ethanol	2262	1.044
2	n-Propanol	2341	1.707
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

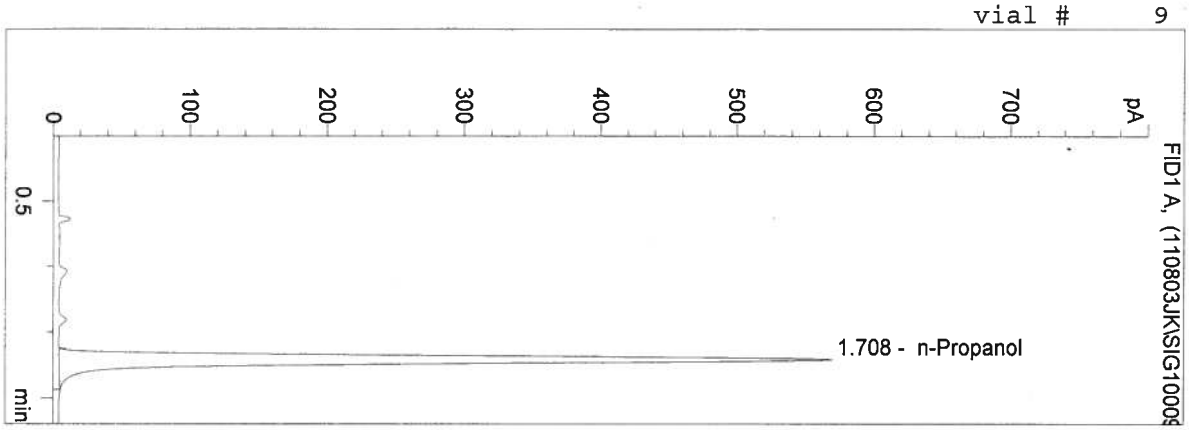
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

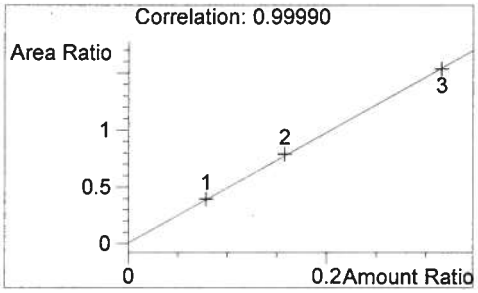
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 2:57:41 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

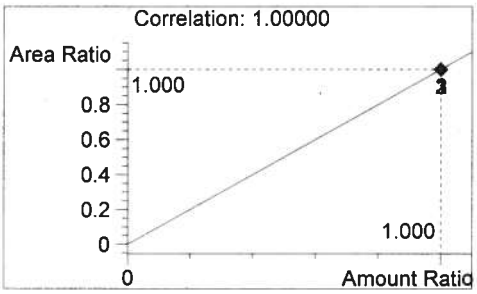
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2345	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

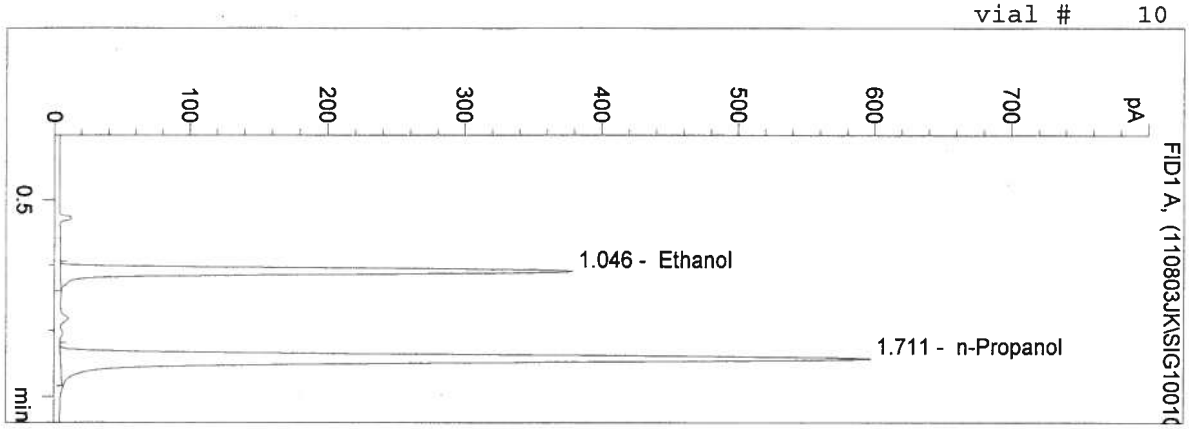
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

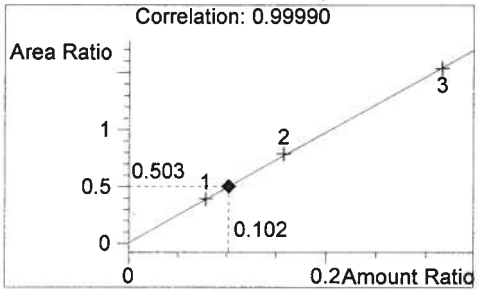
C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 3:00:46 PM
Instrument 1
DB-ALC1

11033-1
Justin Knoy

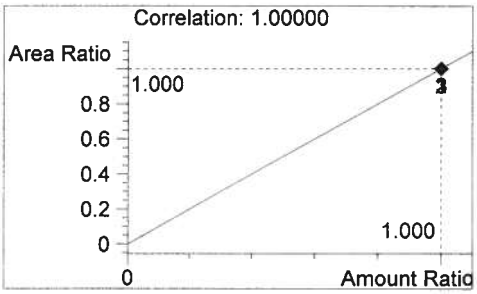
vial # 10



#	Compound	Area	RT
1	Ethanol	1241	1.046
2	n-Propanol	2464	1.711
Tot			



Ethanol 0.102 g/100 mL

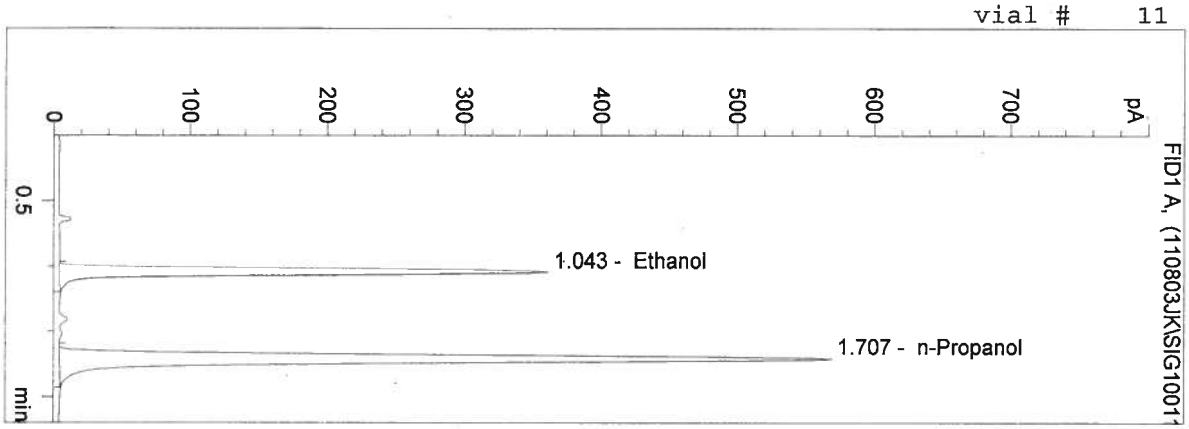


n-Propanol 1.000 g/100 mL

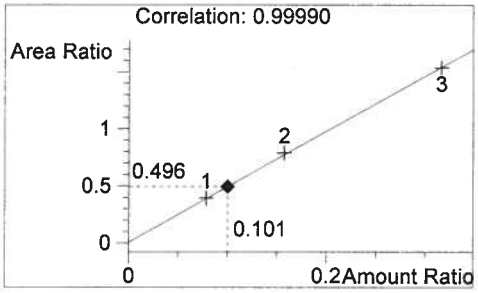
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
8/3/2011 3:03:51 PM 11033-2
Instrument 1 Justin Knoy
DB-ALC1

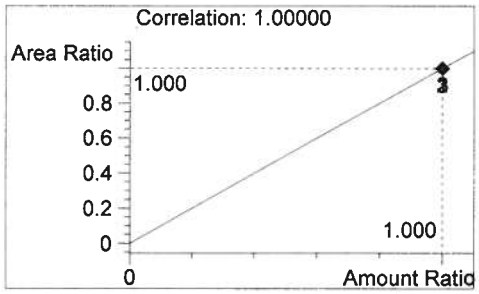
vial # 11



#	Compound	Area	RT
1	Ethanol	1164	1.043
2	n-Propanol	2345	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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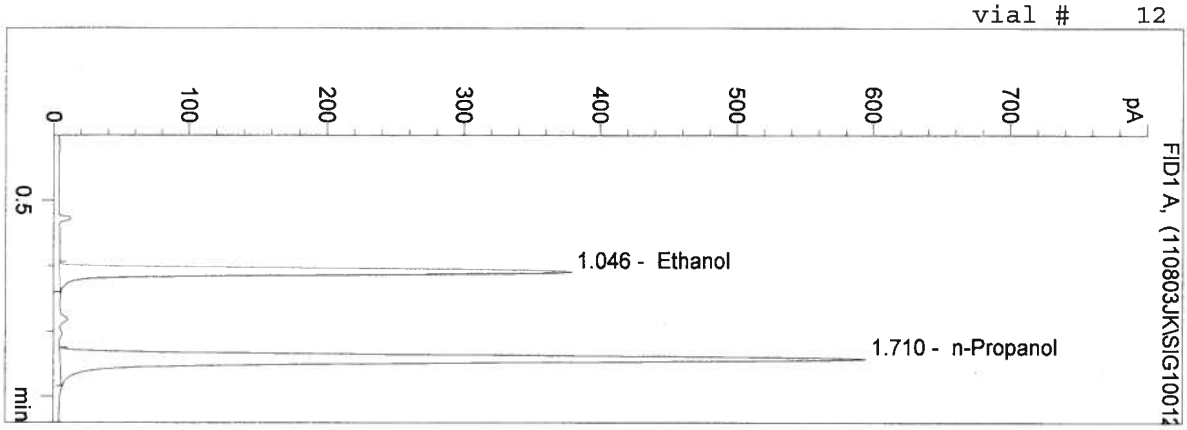
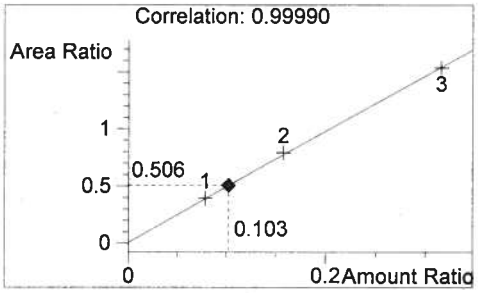
8/3/2011 3:06:56 PM
Instrument 1
DB-ALC1

11033-3
Justin Knoy

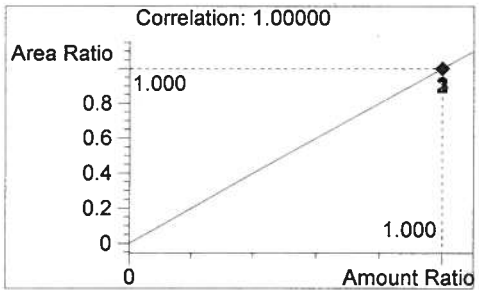
vial # 12



#	Compound	Area	RT
1	Ethanol	1239	1.046
2	n-Propanol	2449	1.710
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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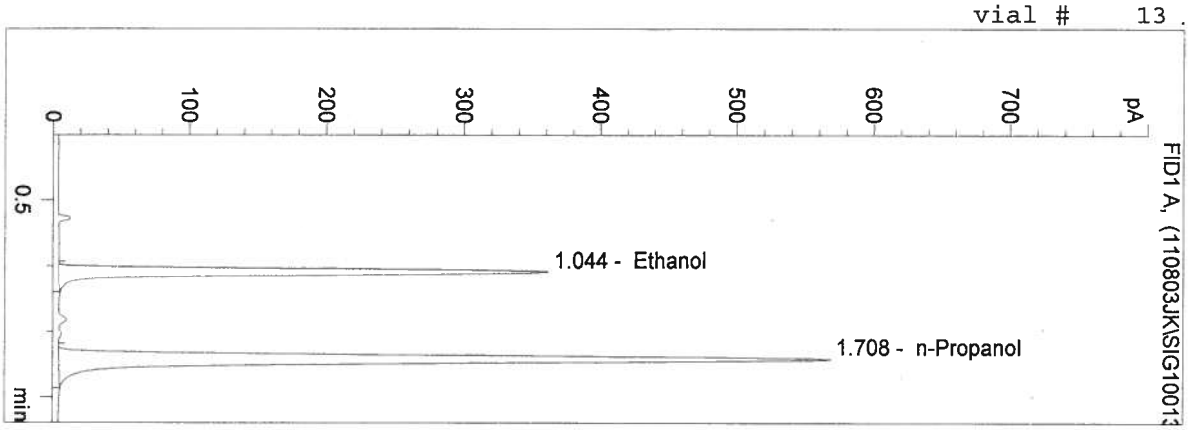
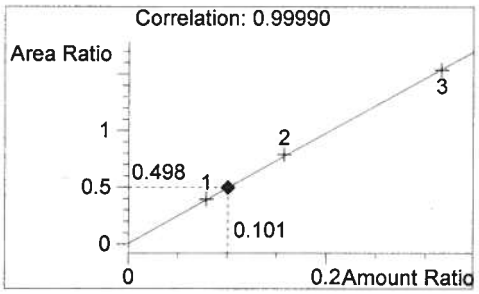
8/3/2011 3:10:01 PM
Instrument 1
DB-ALC1

11033-4
Justin Knoy

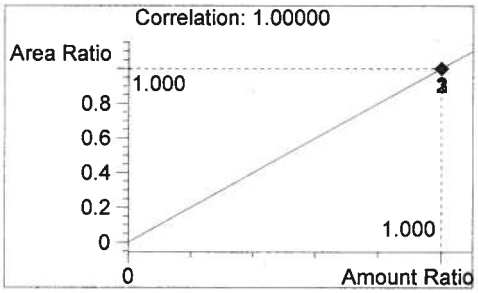
vial # 13



#	Compound	Area	RT
1	Ethanol	1165	1.044
2	n-Propanol	2341	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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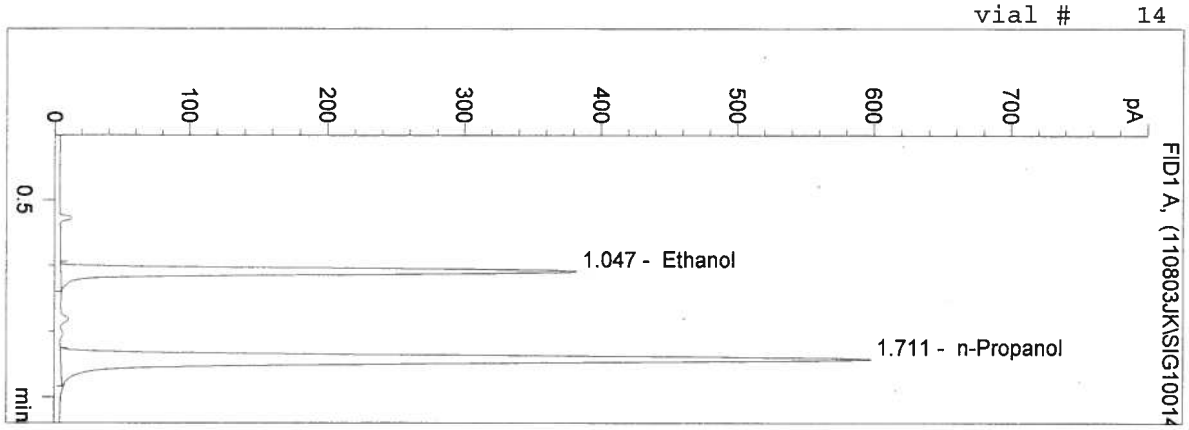
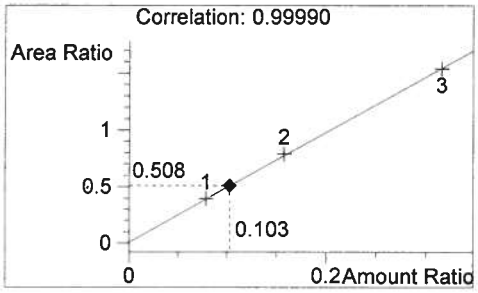
8/3/2011 3:13:05 PM
Instrument 1
DB-ALC1

11033-5
Justin Knoy

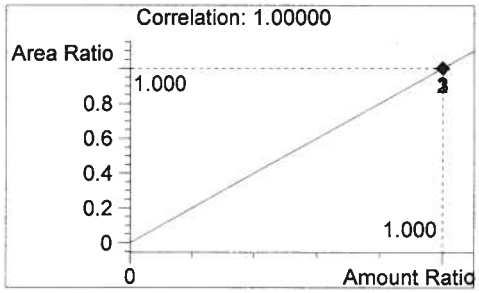
vial # 14



#	Compound	Area	RT
1	Ethanol	1254	1.047
2	n-Propanol	2468	1.711
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

JK

WASHINGTON STATE TOXICOLOGY LABORATORY

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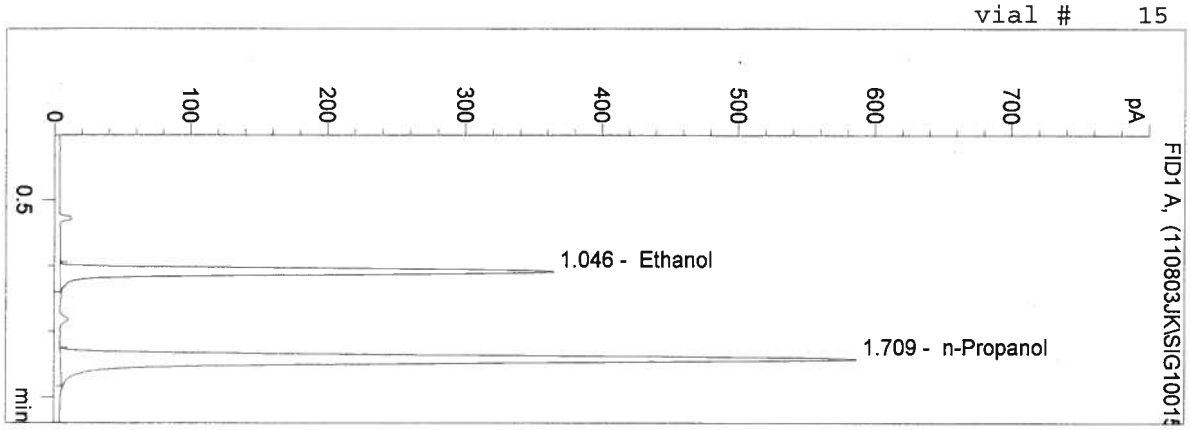
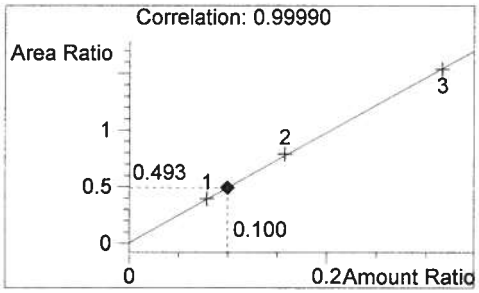
8/3/2011 3:16:10 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

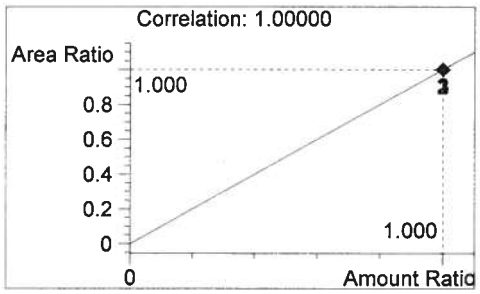
vial # 15



#	Compound	Area	RT
1	Ethanol	1191	1.046
2	n-Propanol	2417	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11033

WASHINGTON STATE TOXICOLOGY LABORATORY

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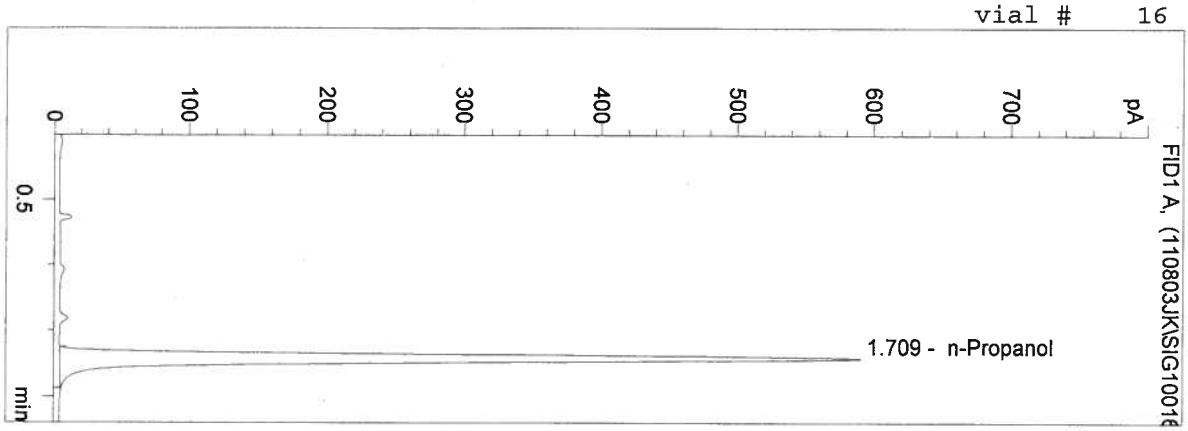
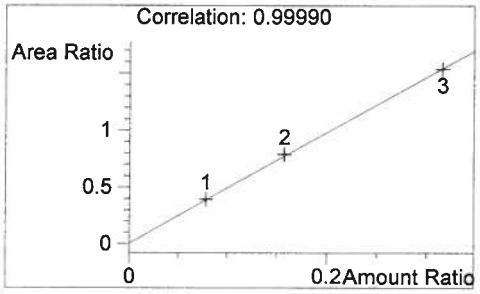
8/3/2011 3:19:15 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

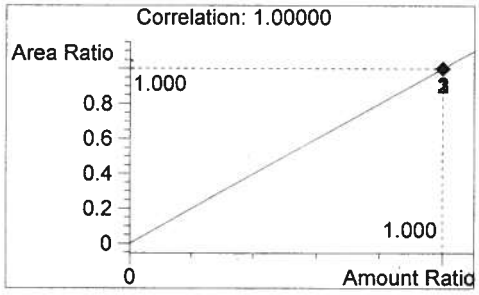
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2448	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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

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:	110805SS
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 # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

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	11033 #1	SIMALC1	1	Sample		
11	Vial 11	11033 #2	SIMALC1	1	Sample		
12	Vial 12	11033 #3	SIMALC1	1	Sample		
13	Vial 13	11033 #4	SIMALC1	1	Sample		
14	Vial 14	11033 #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	

11033

SMS

Sequence Table (Back Injector):

No entries - empty table!

11033

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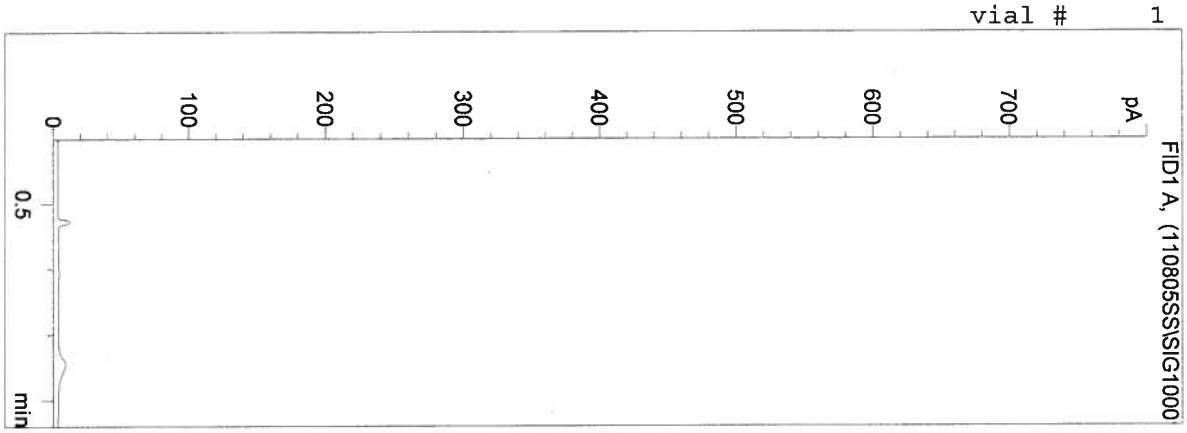
WASHINGTON STATE TOXICOLOGY LABORATORY

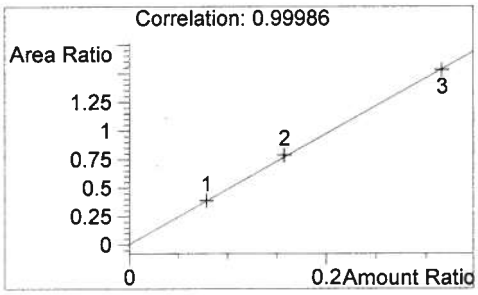
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 8:48:20 AM
Instrument 1
DB-ALC1

BLANK-SS
Sarah Swenson

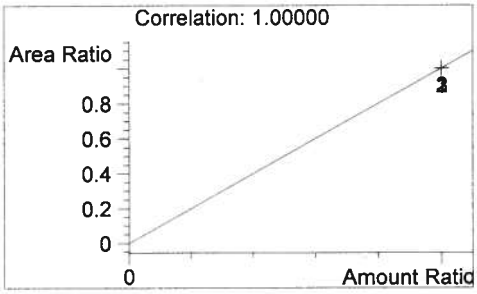
vial # 1



#	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

11033

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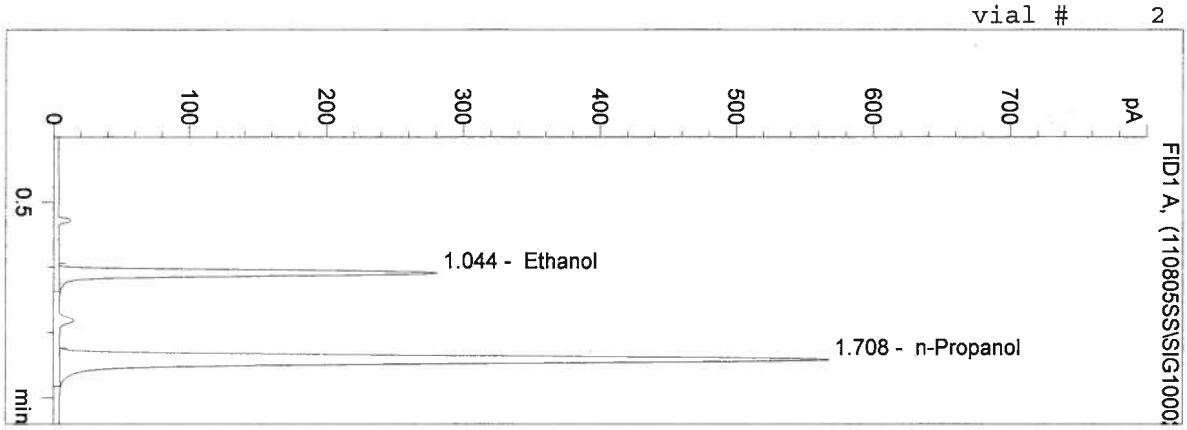
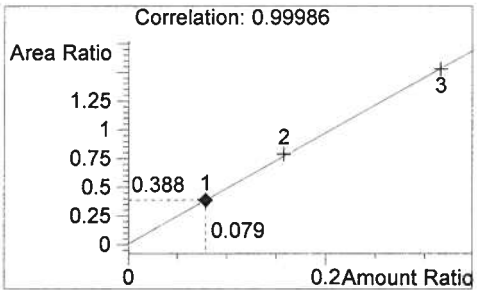
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 8:51:25 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Sarah Swenson

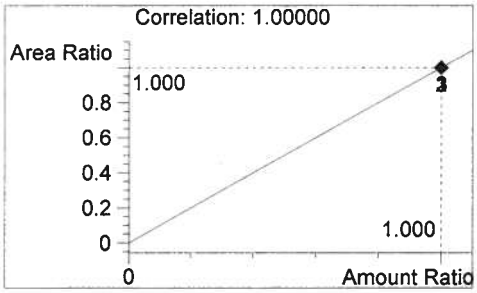
vial # 2



#	Compound	Area	RT
1	Ethanol	896	1.044
2	n-Propanol	2311	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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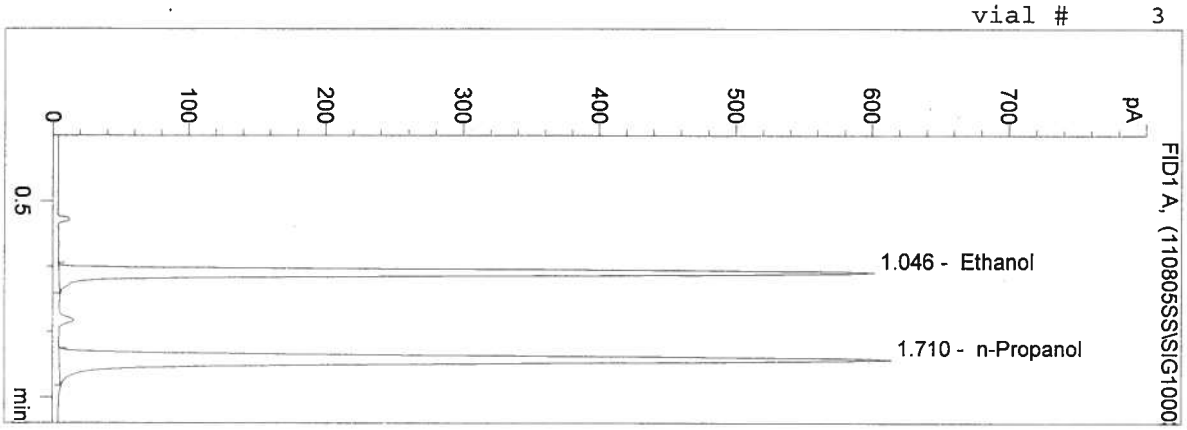
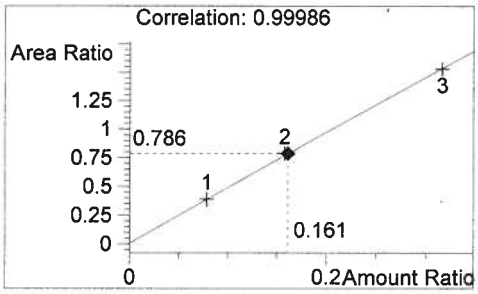
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 8:54:29 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Sarah Swenson

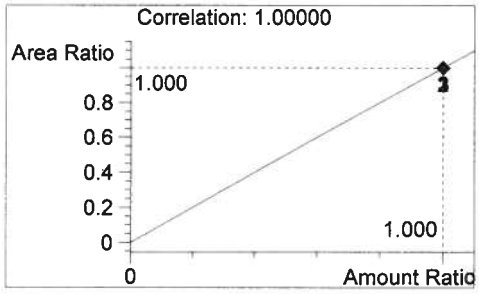
vial # 3



#	Compound	Area	RT
1	Ethanol	1972	1.046
2	n-Propanol	2509	1.710
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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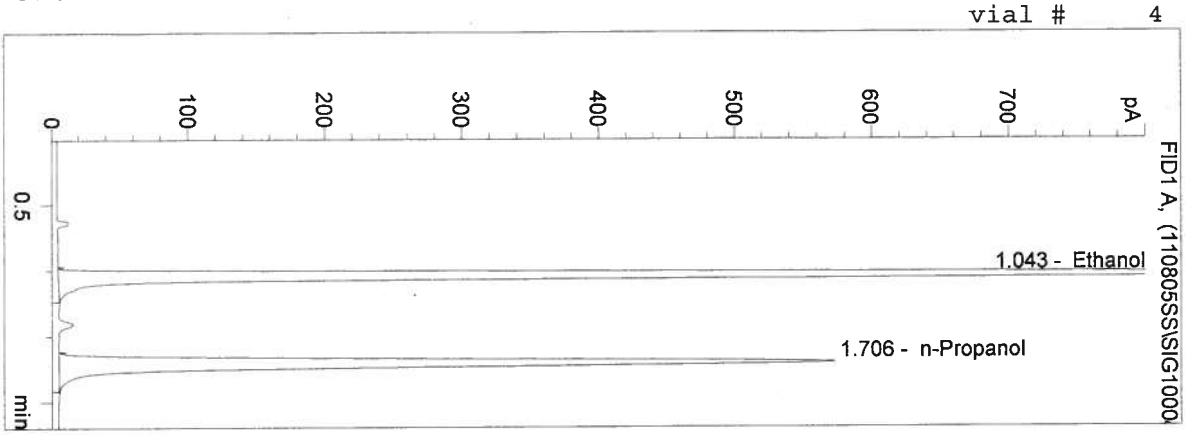
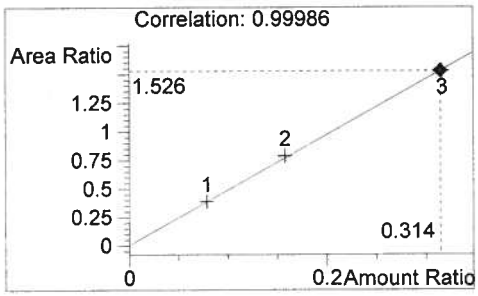
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 8:57:34 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Sarah Swenson

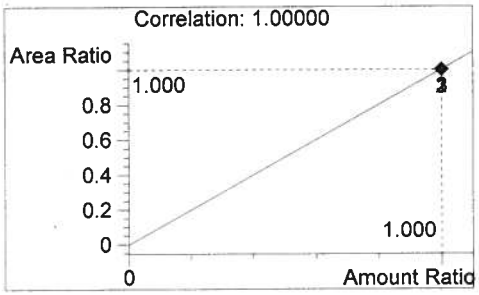
vial # 4



#	Compound	Area	RT
1	Ethanol	3552	1.043
2	n-Propanol	2327	1.706
Tot			



Ethanol 0.314 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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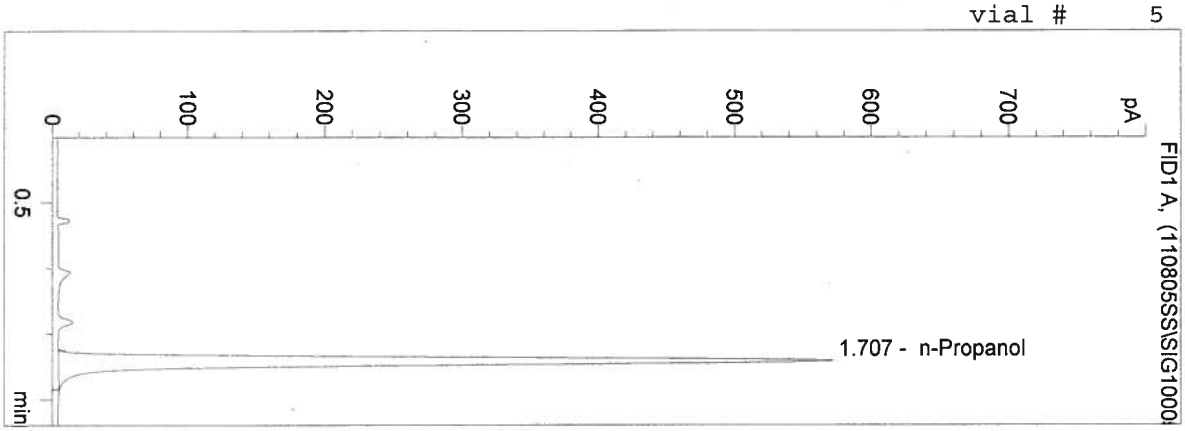
WASHINGTON STATE TOXICOLOGY LABORATORY

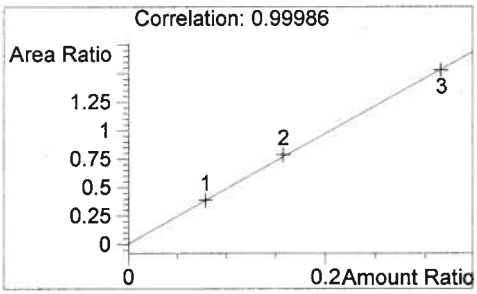
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 9:00:39 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

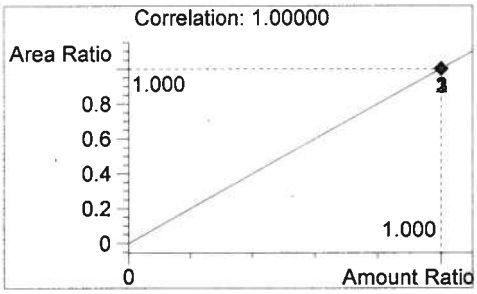
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2335	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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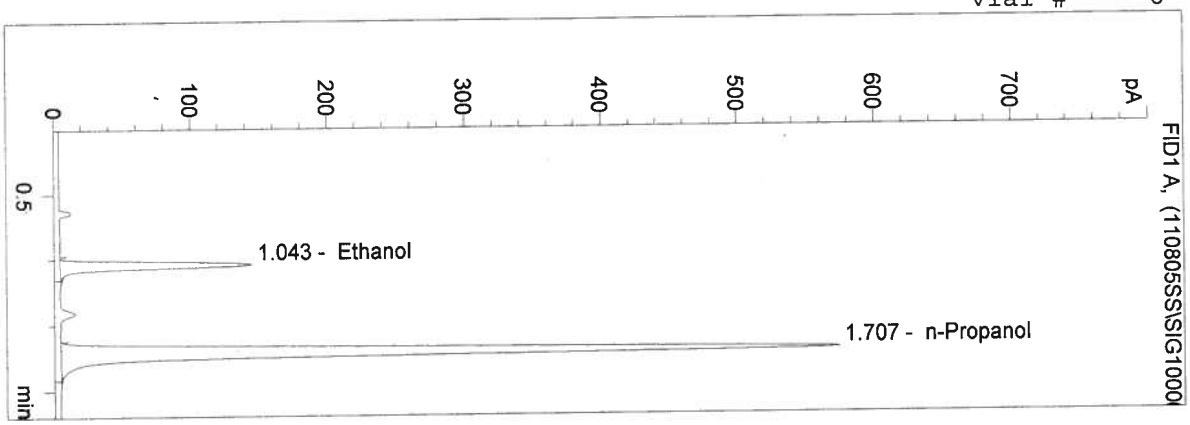
WASHINGTON STATE TOXICOLOGY LABORATORY

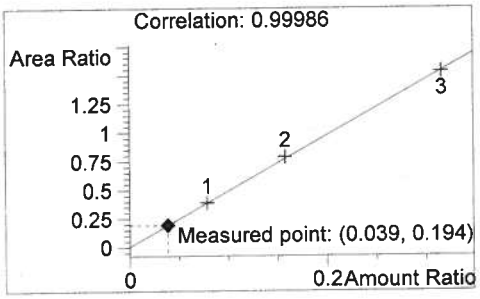
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 9:03:43 AM
Instrument 1
DB-ALC1

0.04 CTRL-SS
Sarah Swenson

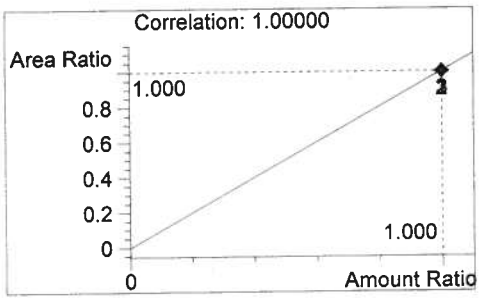
vial # 6



#	Compound	Area	RT
1	Ethanol	454	1.043
2	n-Propanol	2338	1.707
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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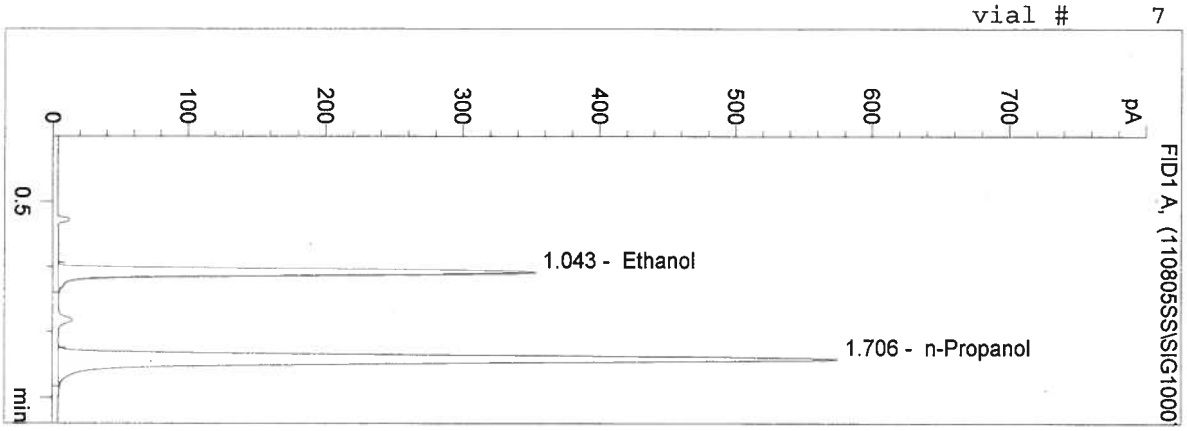
WASHINGTON STATE TOXICOLOGY LABORATORY

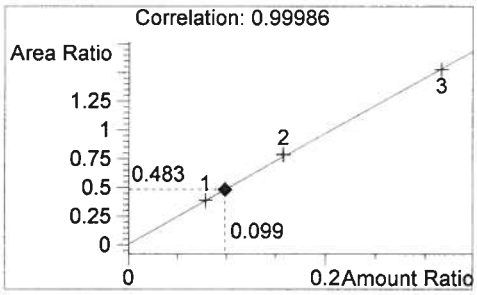
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 9:06:48 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

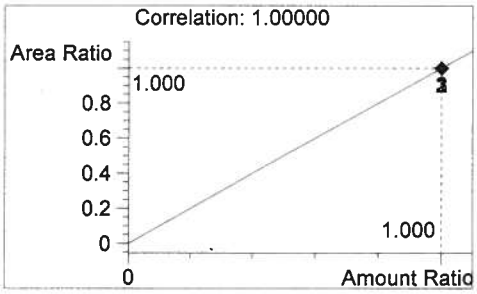
vial # 7



#	Compound	Area	RT
1	Ethanol	1133	1.043
2	n-Propanol	2346	1.706
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11033

SMS

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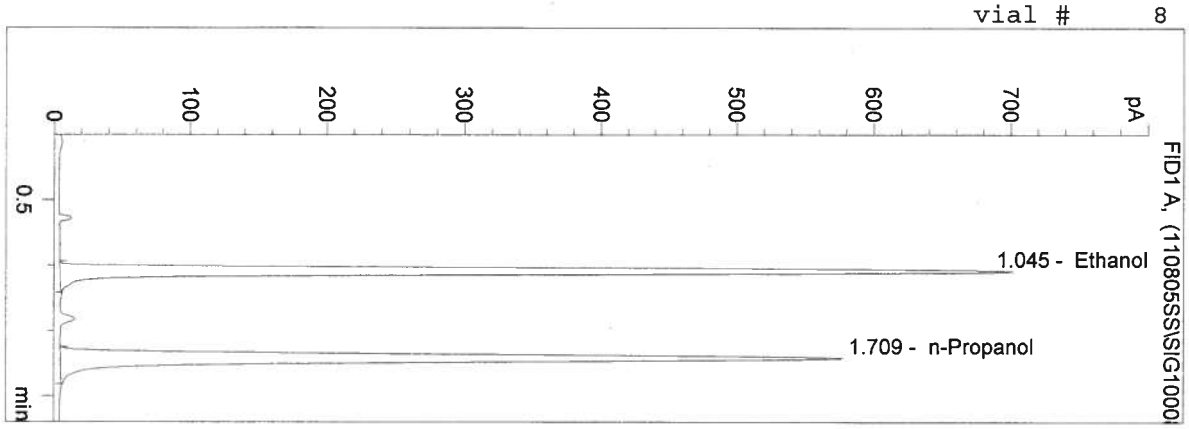
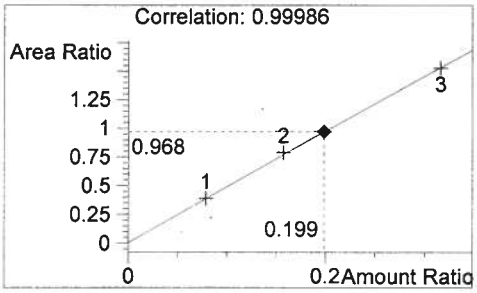
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 9:09:53 AM
Instrument 1
DB-ALC1

0.20 CTRL-SS
Sarah Swenson

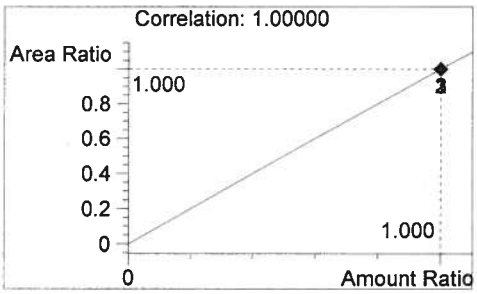
vial # 8



#	Compound	Area	RT
1	Ethanol	2281	1.045
2	n-Propanol	2357	1.709
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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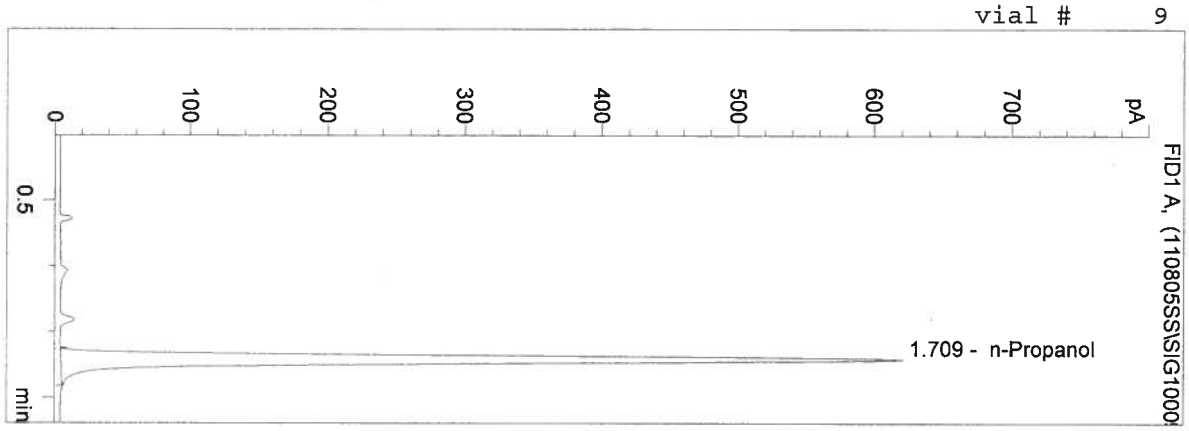
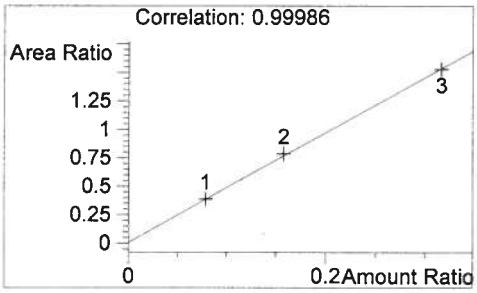
C:\HPCHEM\1\METHODS\SIMALC1.M
8/5/2011 9:12:57 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

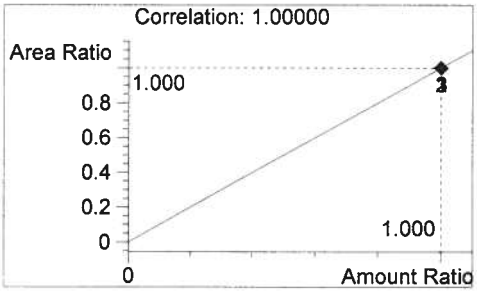
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2535	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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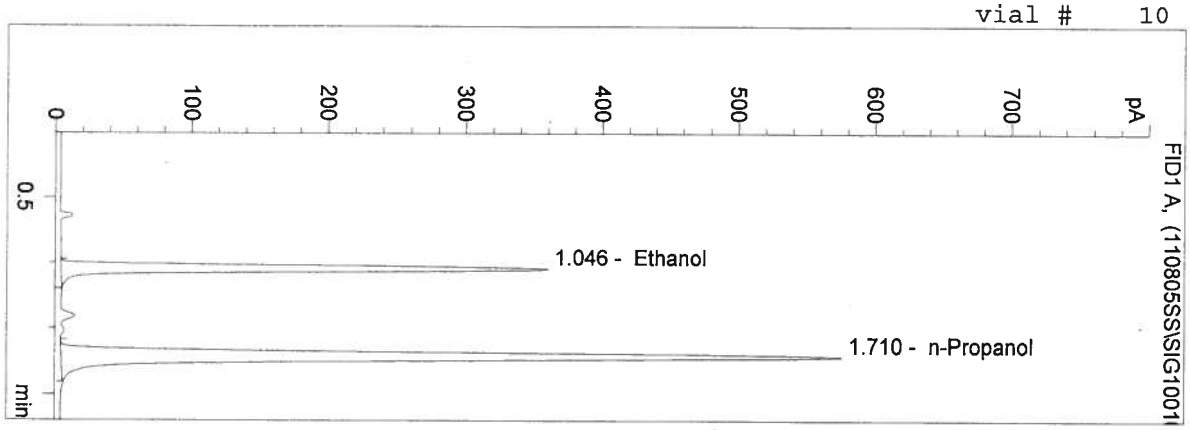
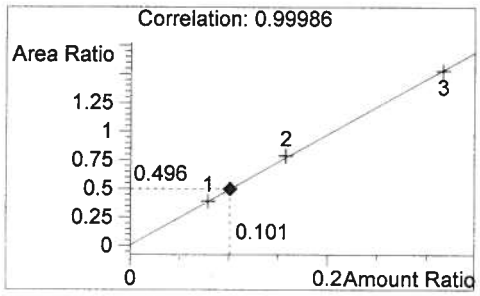
8/5/2011 9:16:02 AM
Instrument 1
DB-ALC1

11033 #1
Sarah Swenson

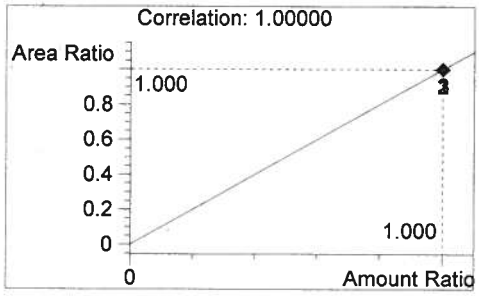
vial # 10



#	Compound	Area	RT
1	Ethanol	1168	1.046
2	n-Propanol	2354	1.710
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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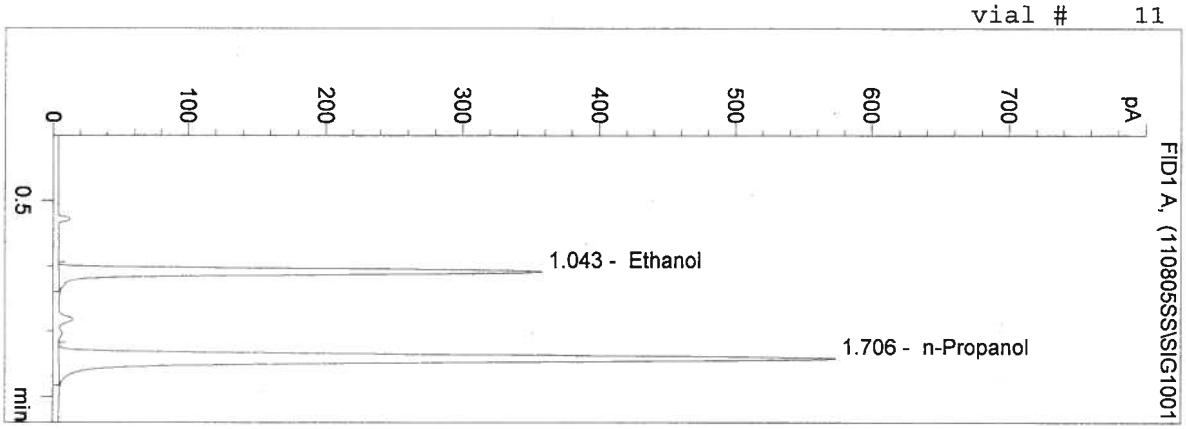
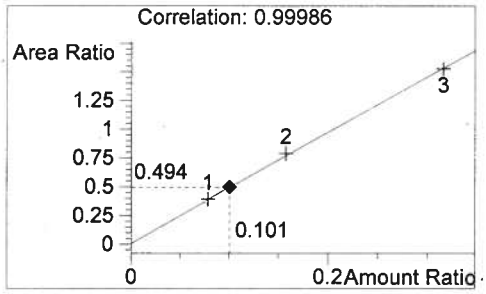
8/5/2011 9:19:07 AM
Instrument 1
DB-ALC1

11033 #2
Sarah Swenson

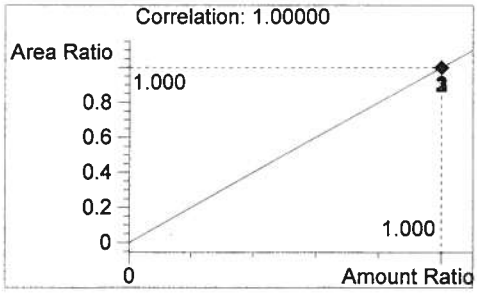
vial # 11



#	Compound	Area	RT
1	Ethanol	1154	1.043
2	n-Propanol	2336	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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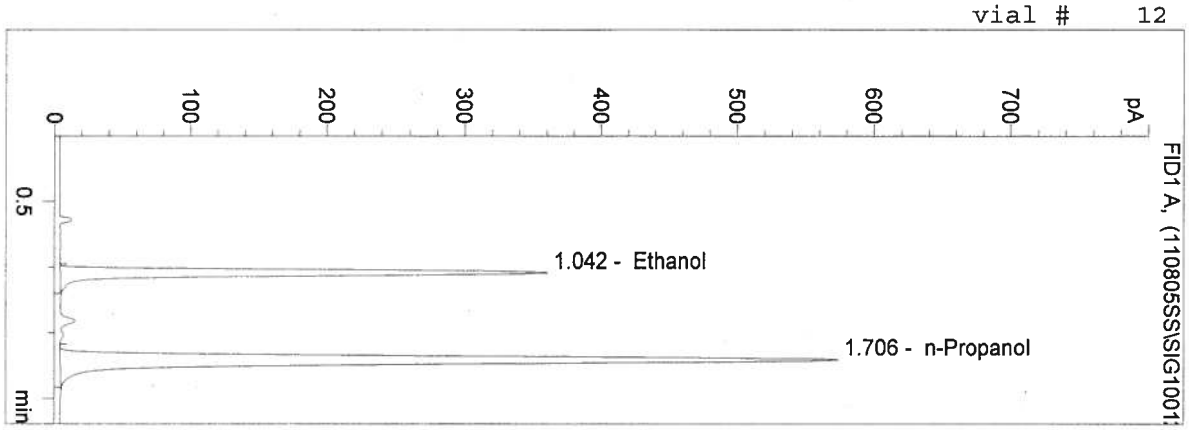
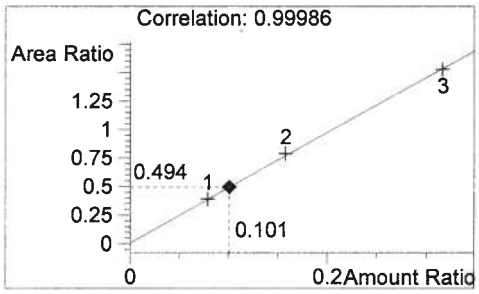
8/5/2011 9:22:11 AM
Instrument 1
DB-ALC1

11033 #3
Sarah Swenson

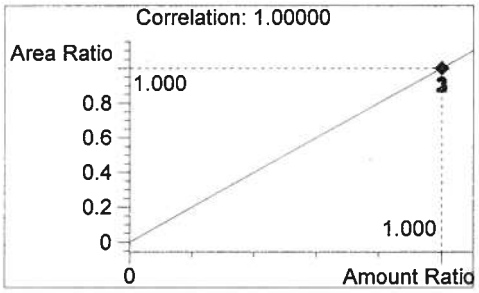
vial # 12



#	Compound	Area	RT
1	Ethanol	1157	1.042
2	n-Propanol	2342	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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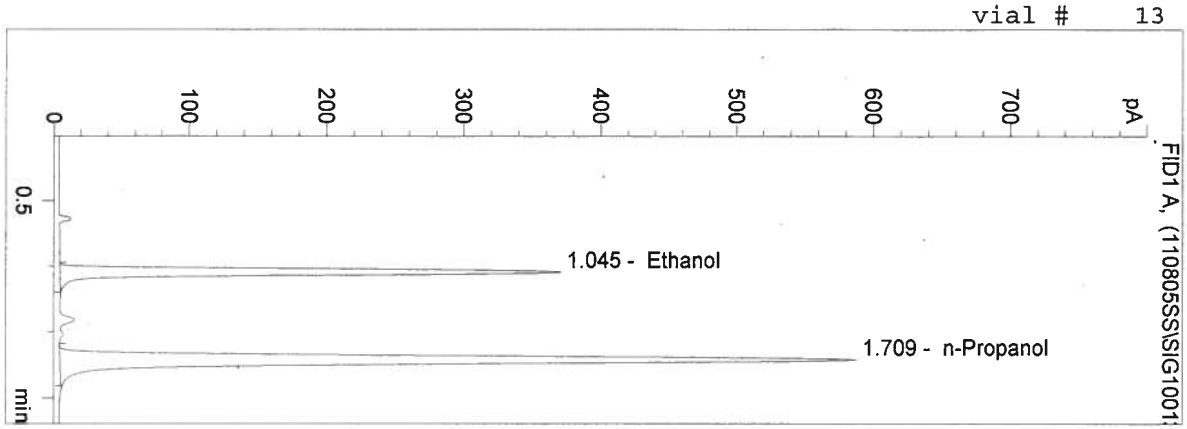
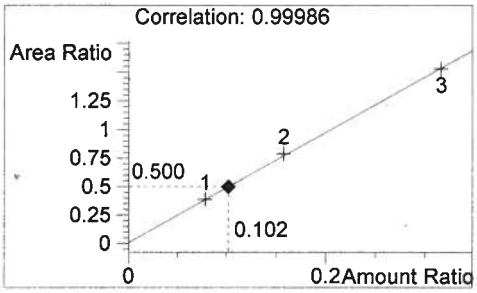
8/5/2011 9:25:16 AM
Instrument 1
DB-ALC1

11033 #4
Sarah Swenson

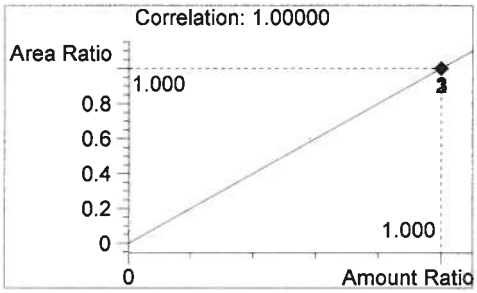
vial # 13



#	Compound	Area	RT
1	Ethanol	1202	1.045
2	n-Propanol	2403	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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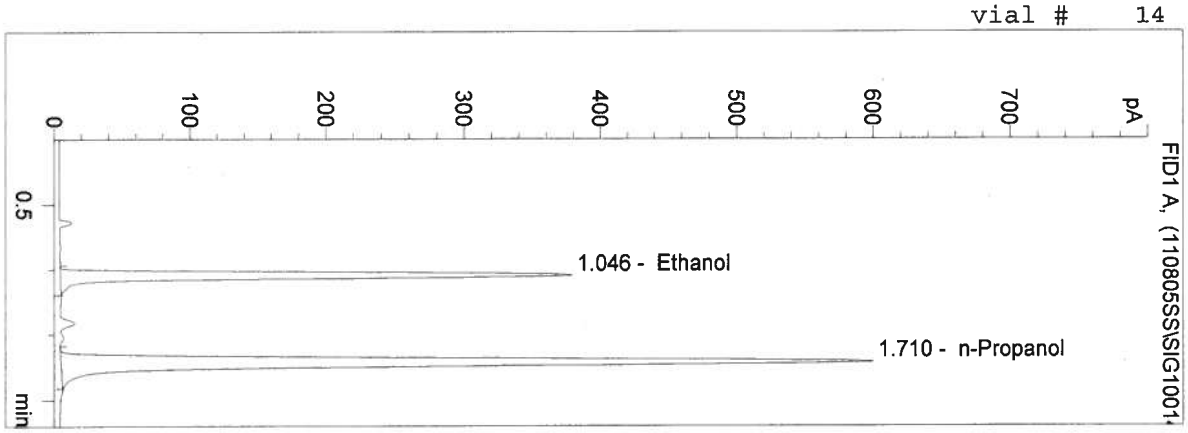
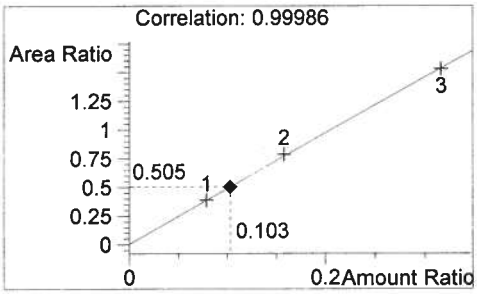
8/5/2011 9:28:21 AM
Instrument 1
DB-ALC1

11033 #5
Sarah Swenson

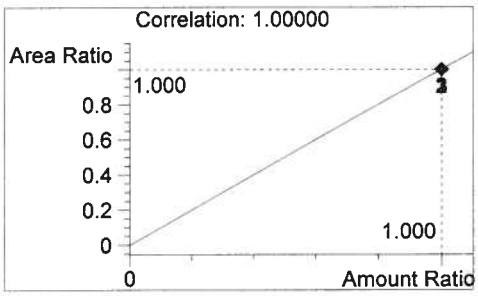
vial # 14



#	Compound	Area	RT
1	Ethanol	1237	1.046
2	n-Propanol	2450	1.710
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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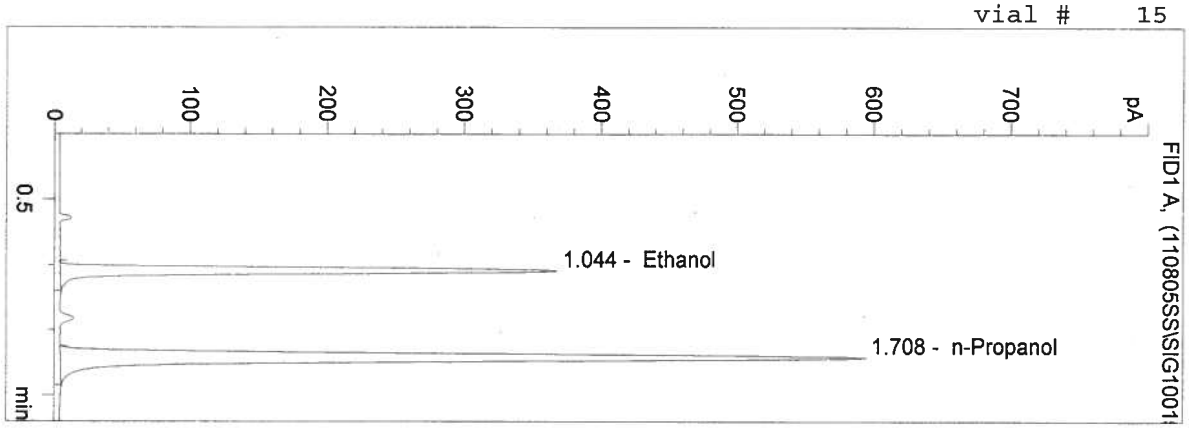
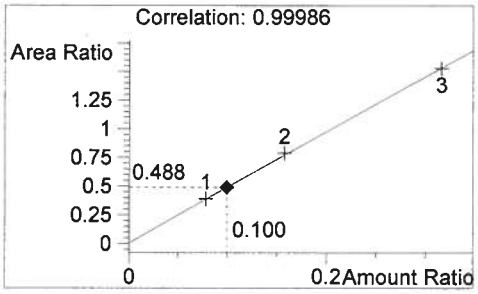
8/5/2011 9:31:25 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

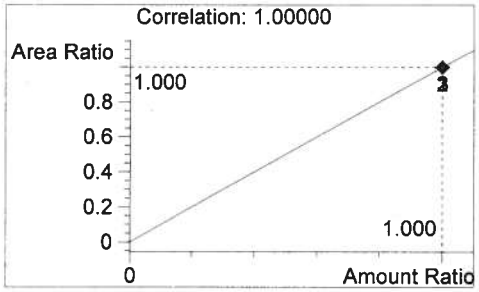
vial # 15



#	Compound	Area	RT
1	Ethanol	1186	1.044
2	n-Propanol	2427	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11033

SMS

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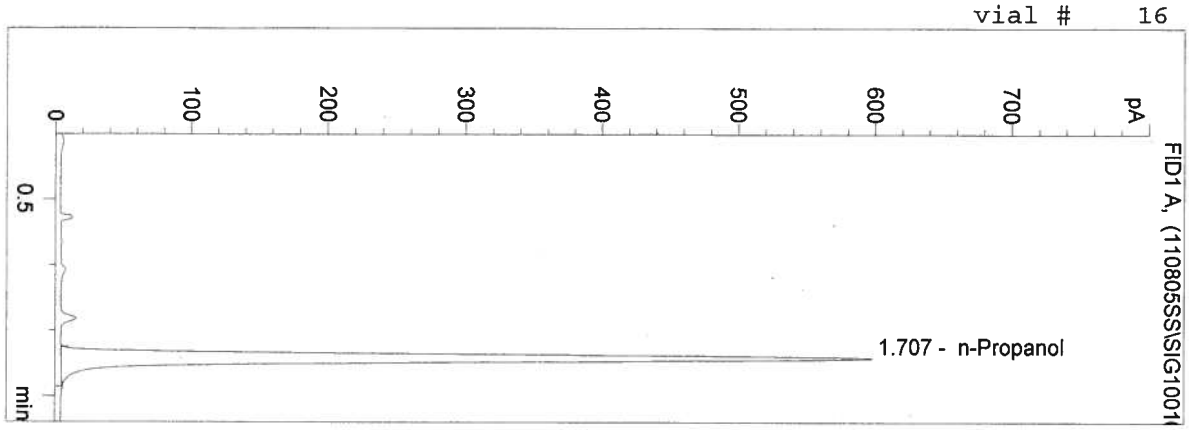
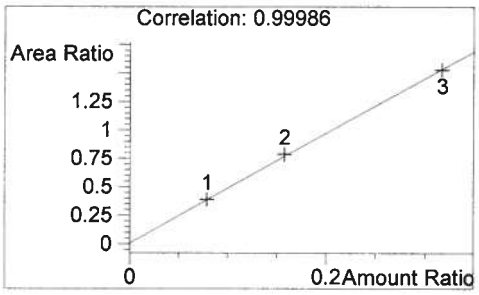
8/5/2011 9:34:30 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

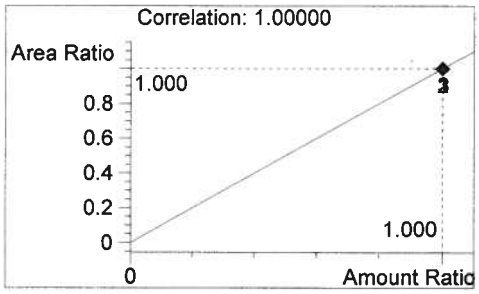
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2447	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

SMS

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:	110808BP
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#A075806 exp 11/2014
0.20 Control Lot#A076521 exp 12/2014

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	11033 #1	SIMALC1	1	Sample		
11	Vial 11	11033 #2	SIMALC1	1	Sample		
12	Vial 12	11033 #3	SIMALC1	1	Sample		
13	Vial 13	11033 #4	SIMALC1	1	Sample		
14	Vial 14	11033 #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	

11033

BP

Sequence Table (Back Injector):

No entries - empty table!

1.1033

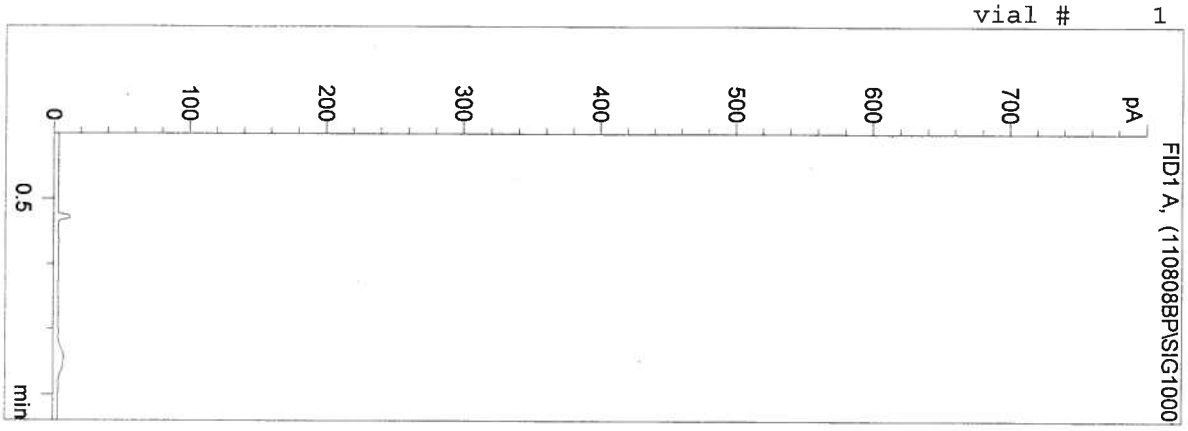
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

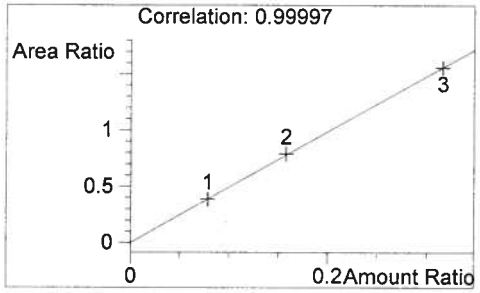
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 3:25:46 PM
Instrument 1
DB-ALC1

blank
Brianna Peterson

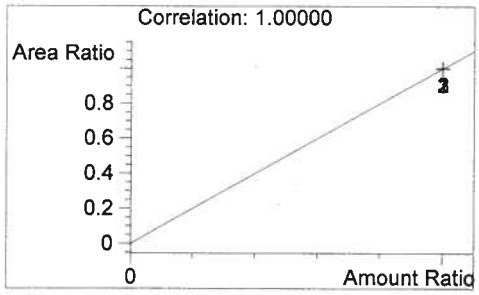
vial # 1



#	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

11033

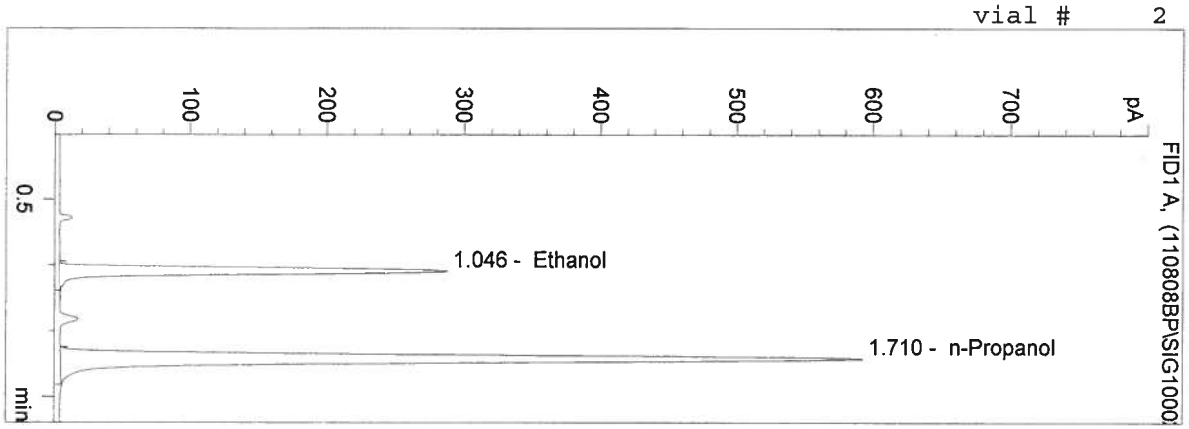
BR

WASHINGTON STATE TOXICOLOGY LABORATORY

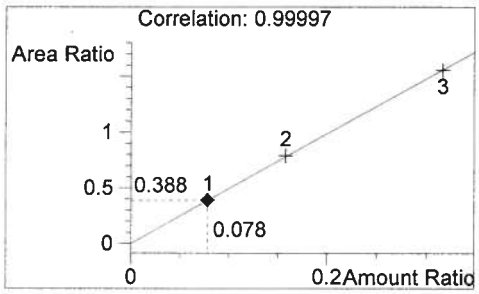
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 3:28:51 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Brianna Peterson

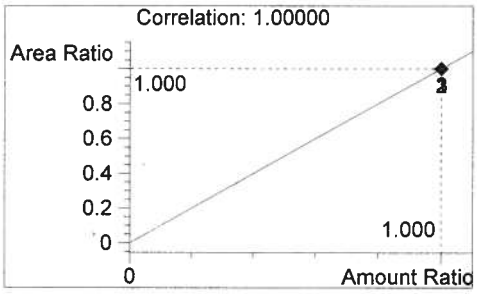
vial # 2



#	Compound	Area	RT
1	Ethanol	935	1.046
2	n-Propanol	2410	1.710
Tot			



Ethanol 0.078 g/100 mL



n-Propanol 1.000 g/100 mL

11033

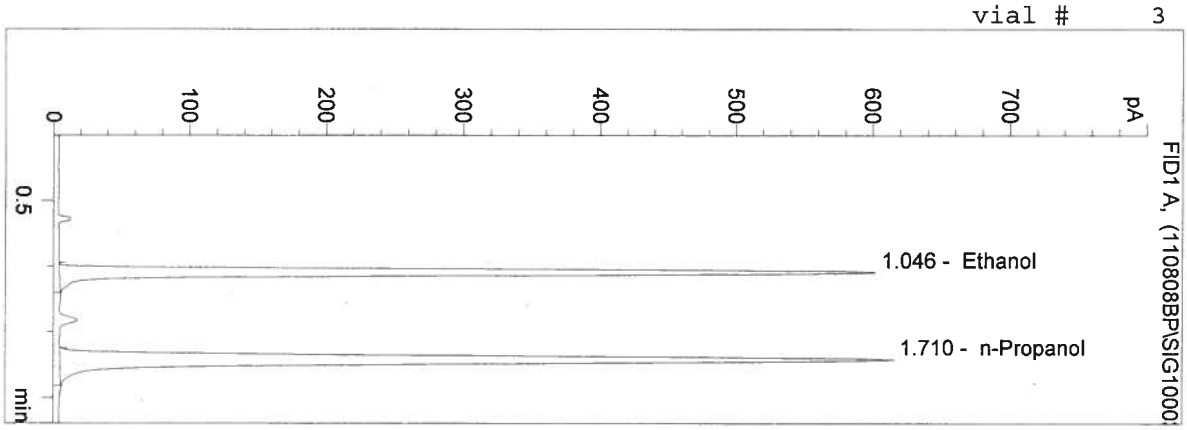
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

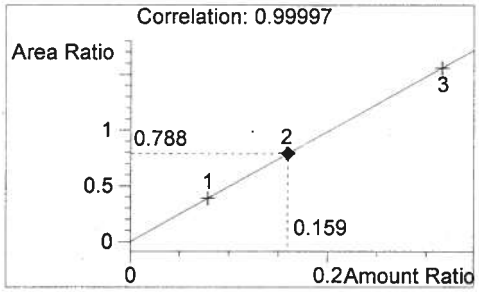
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 3:31:55 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Brianna Peterson

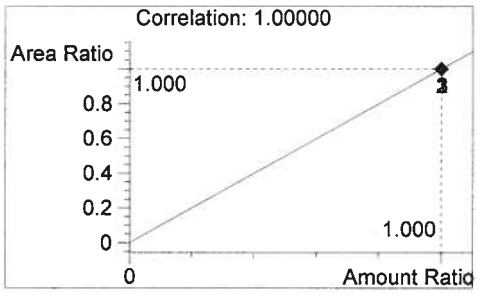
vial # 3



#	Compound	Area	RT
1	Ethanol	1975	1.046
2	n-Propanol	2507	1.710
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

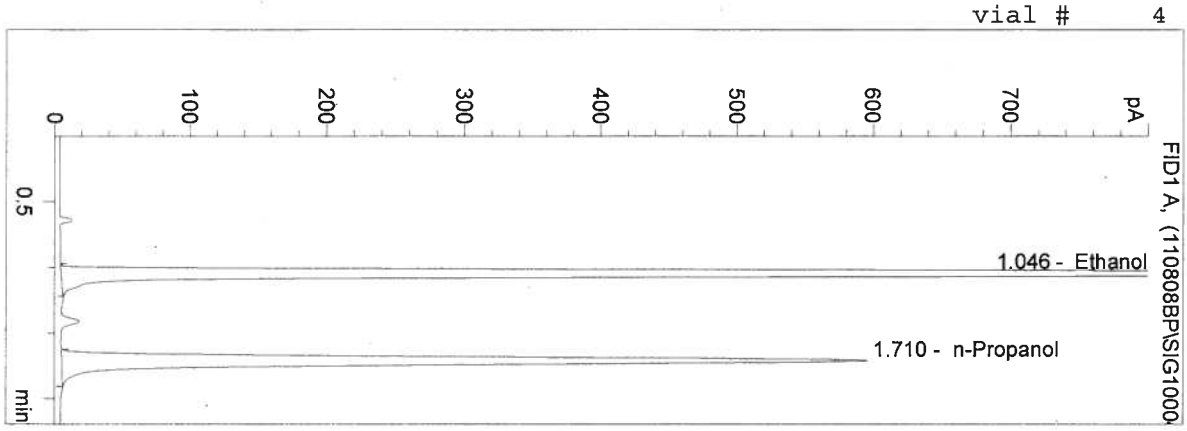
11033

WASHINGTON STATE TOXICOLOGY LABORATORY

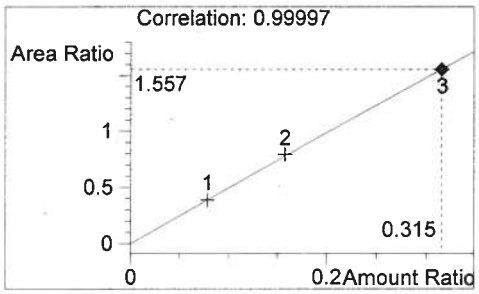
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 3:35:00 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Brianna Peterson

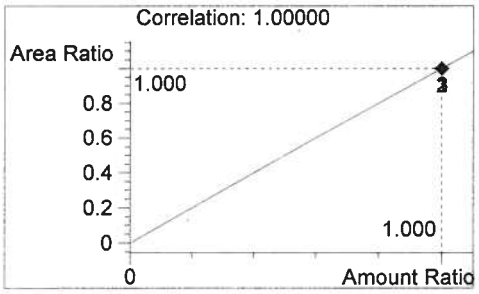
vial # 4



#	Compound	Area	RT
1	Ethanol	3762	1.046
2	n-Propanol	2417	1.710
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11033

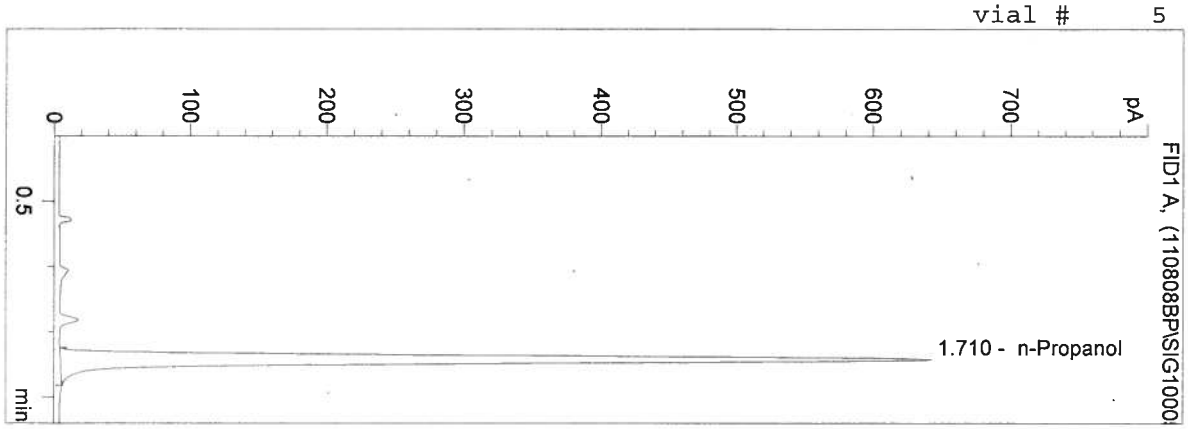
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

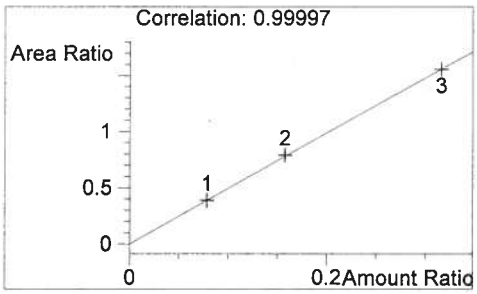
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 3:38:05 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

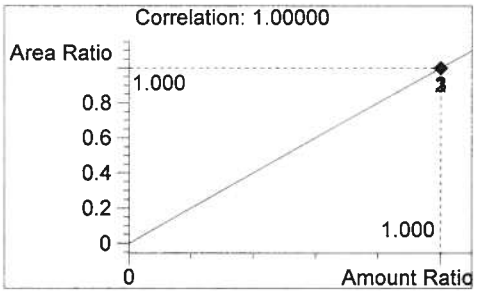
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2614	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

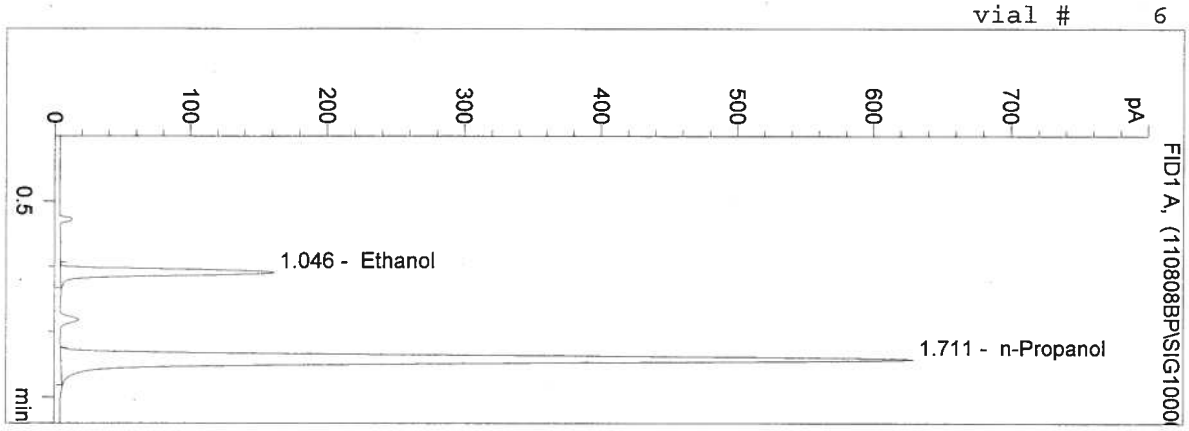
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

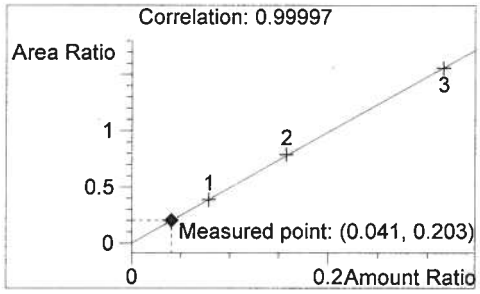
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 3:41:10 PM
Instrument 1
DB-ALC1

0.04 CTRL - BP
Brianna Peterson

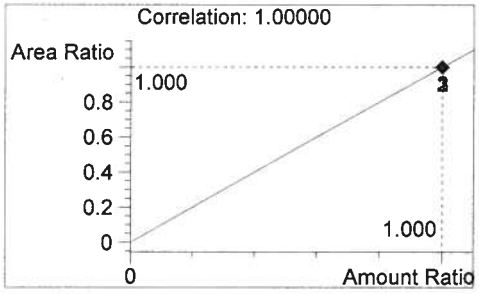
vial # 6



#	Compound	Area	RT
1	Ethanol	520	1.046
2	n-Propanol	2567	1.711
Tot			



Ethanol 0.041 g/100 mL



n-Propanol 1.000 g/100 mL

11033

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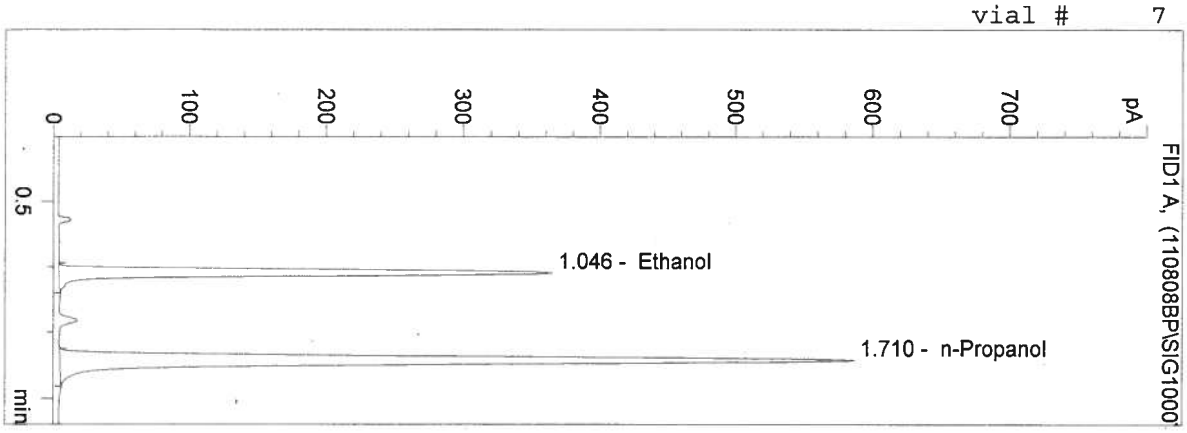
WASHINGTON STATE TOXICOLOGY LABORATORY

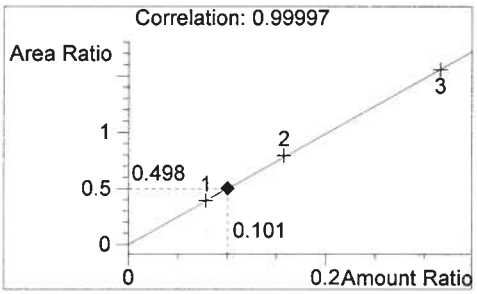
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 3:44:14 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

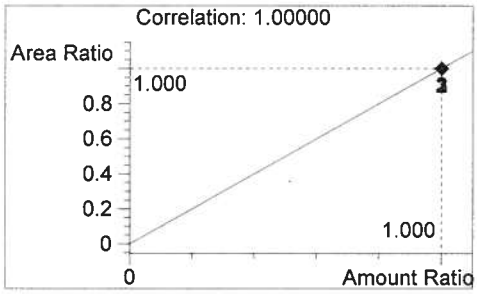
vial # 7



#	Compound	Area	RT
1	Ethanol	1189	1.046
2	n-Propanol	2388	1.710
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

11033

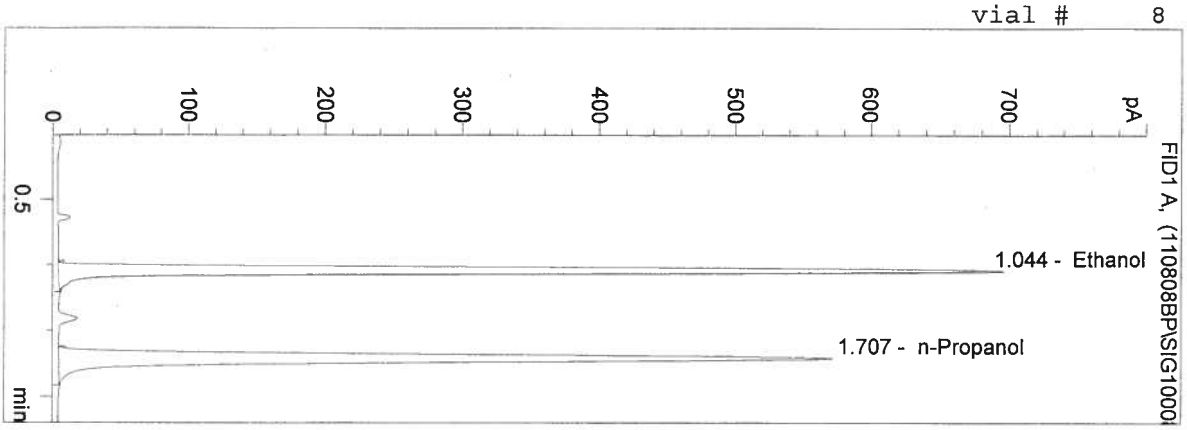
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

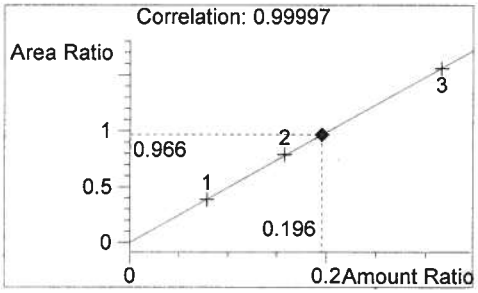
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 3:47:19 PM
Instrument 1
DB-ALC1

0.20 CTRL - BP
Brianna Peterson

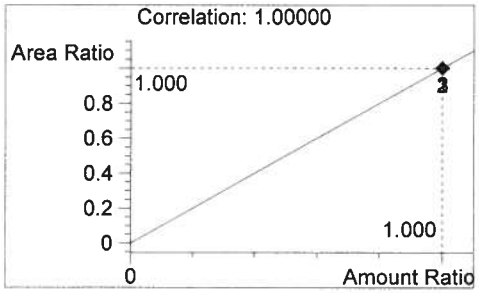
vial # 8



#	Compound	Area	RT
1	Ethanol	2242	1.044
2	n-Propanol	2322	1.707
Tot			



Ethanol 0.196 g/100 mL



n-Propanol 1.000 g/100 mL

11033

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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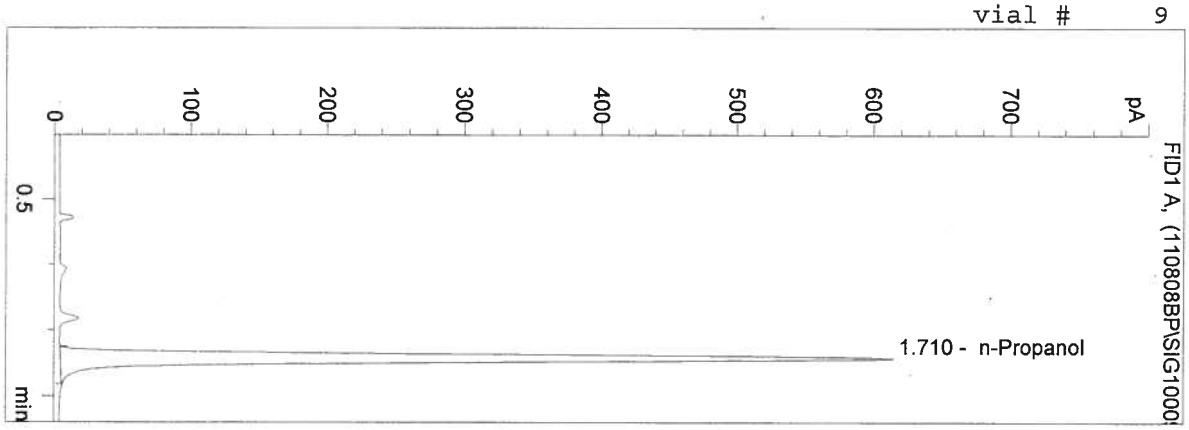
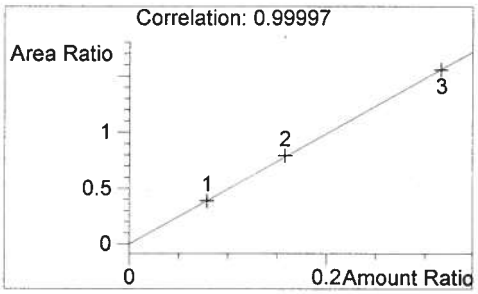
8/8/2011 3:50:24 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

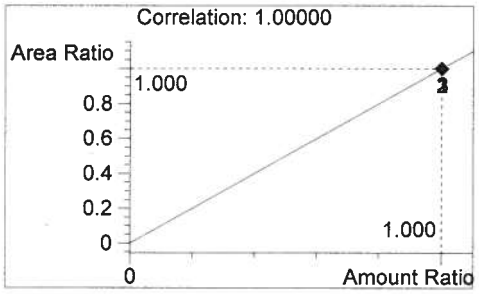
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2497	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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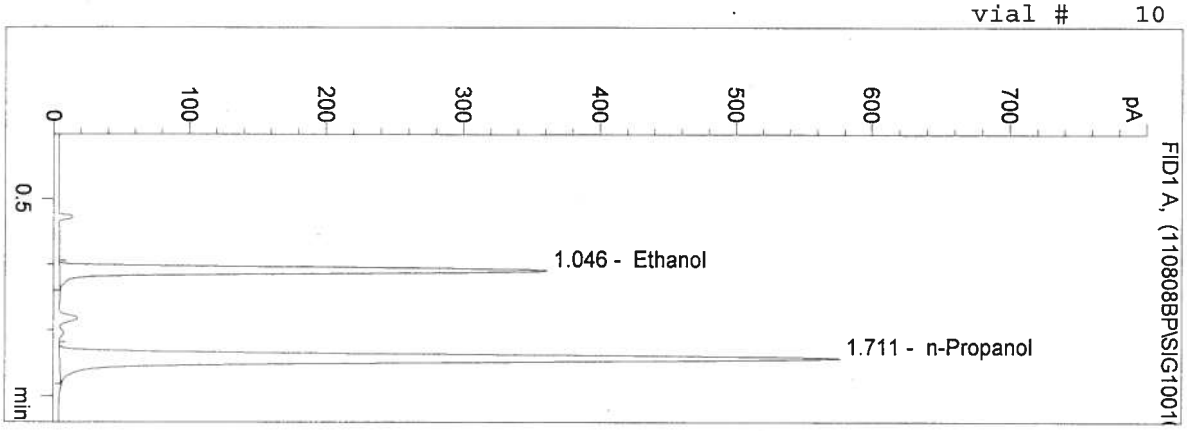
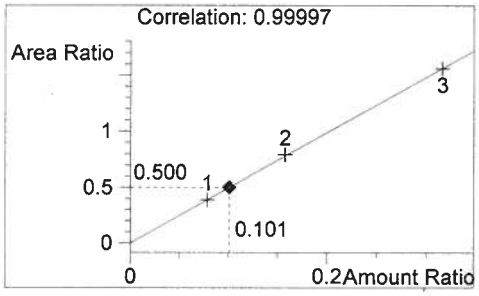
8/8/2011 3:53:28 PM
Instrument 1
DB-ALC1

11033 #1
Brianna Peterson

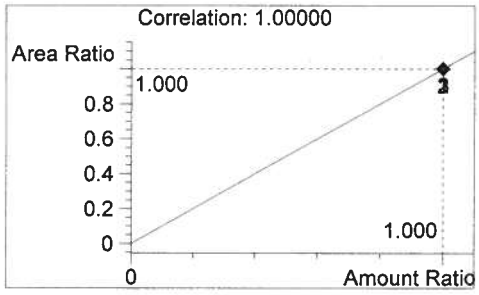
vial # 10



#	Compound	Area	RT
1	Ethanol	1173	1.046
2	n-Propanol	2347	1.711
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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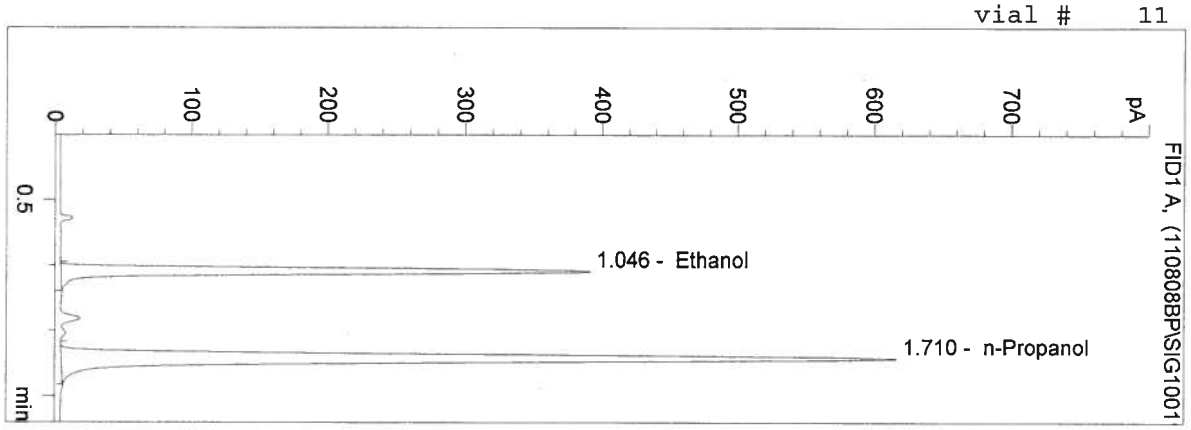
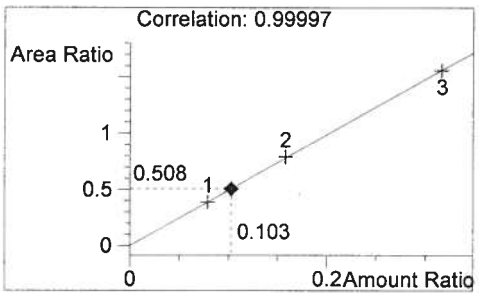
Instrument 1
DB-ALC1

11033 #2
Brianna Peterson

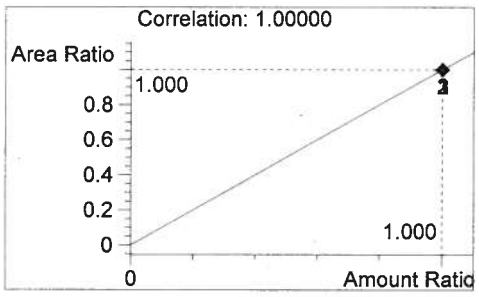
vial # 11



#	Compound	Area	RT
1	Ethanol	1275	1.046
2	n-Propanol	2510	1.710
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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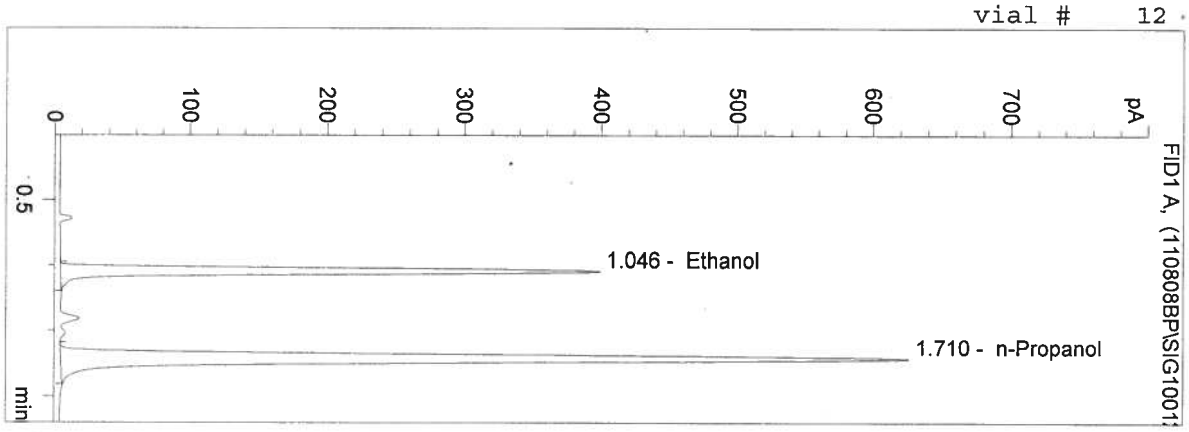
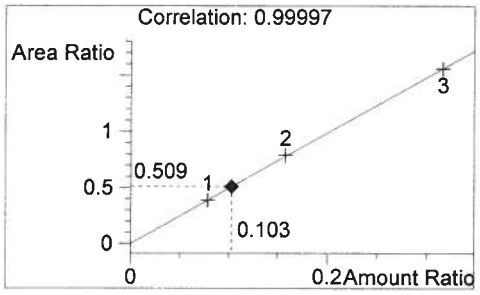
Instrument 1
DB-ALC1

11033 #3
Brianna Peterson

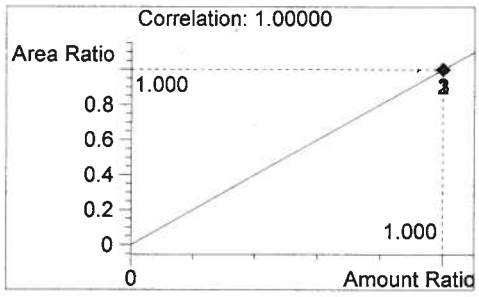
vial # 12



#	Compound	Area	RT
1	Ethanol	1297	1.046
2	n-Propanol	2547	1.710
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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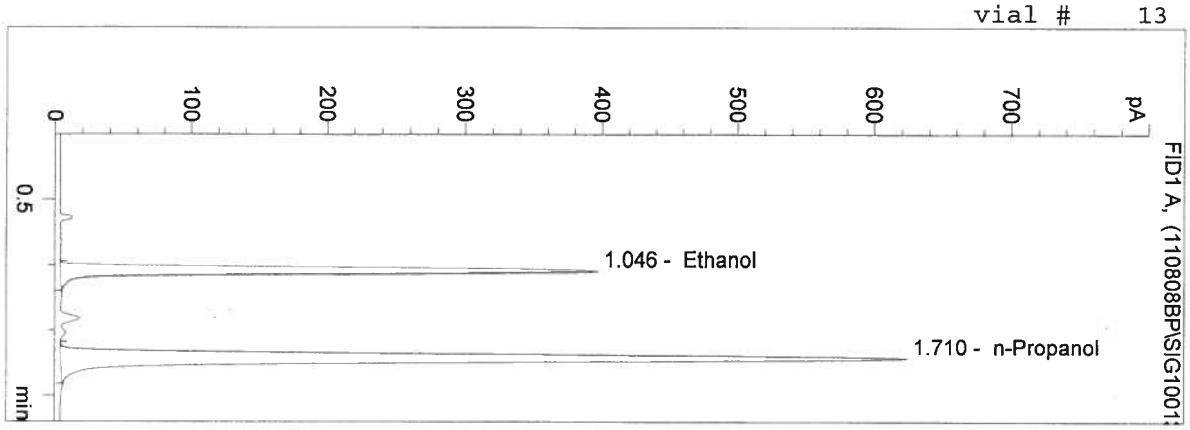
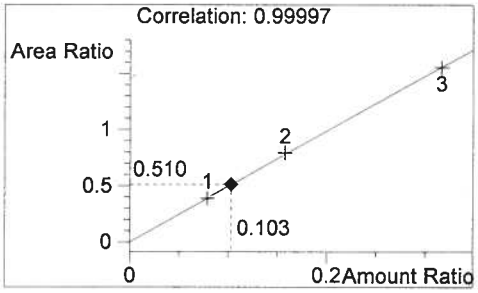
8/8/2011 4:02:42 PM
Instrument 1
DB-ALC1

11033 #4
Brianna Peterson

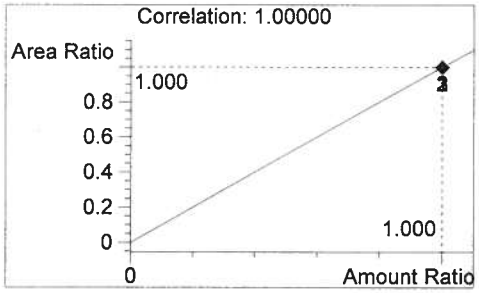
vial # 13



#	Compound	Area	RT
1	Ethanol	1295	1.046
2	n-Propanol	2542	1.710
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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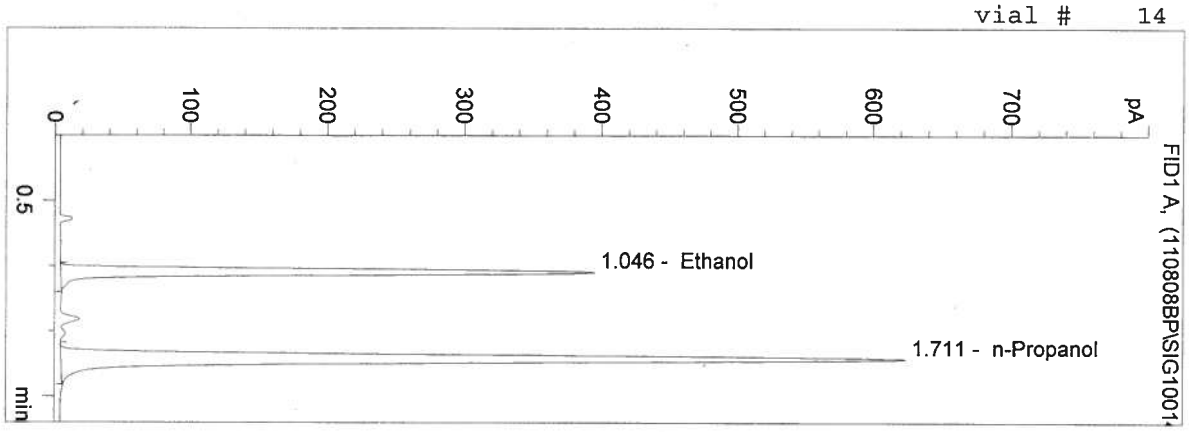
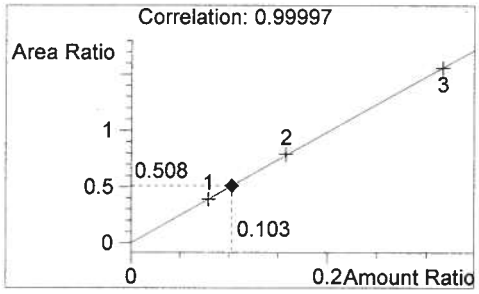
8/8/2011 4:05:47 PM
Instrument 1
DB-ALC1

11033 #5
Brianna Peterson

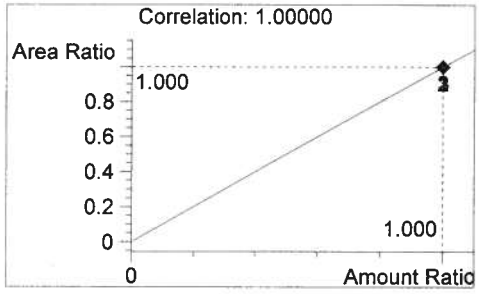
vial # 14



#	Compound	Area	RT
1	Ethanol	1290	1.046
2	n-Propanol	2542	1.711
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

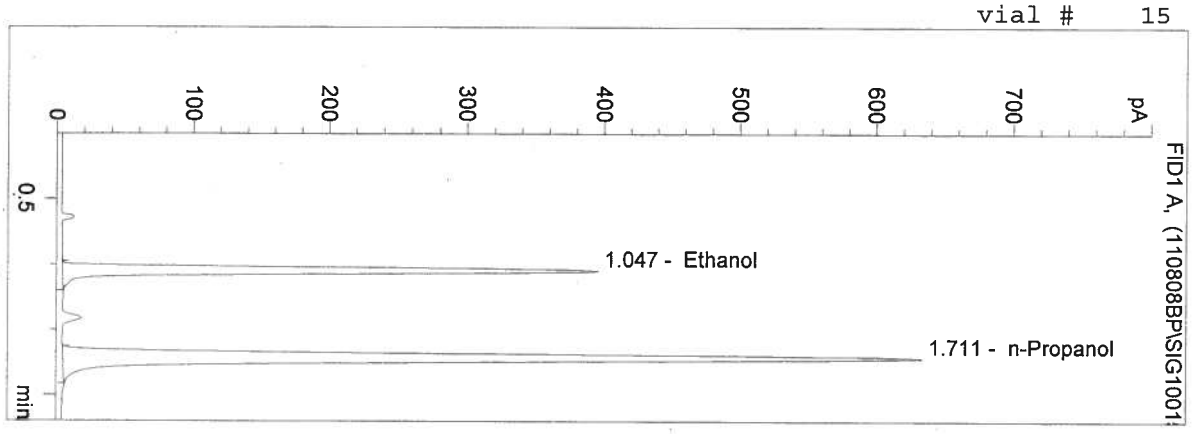
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

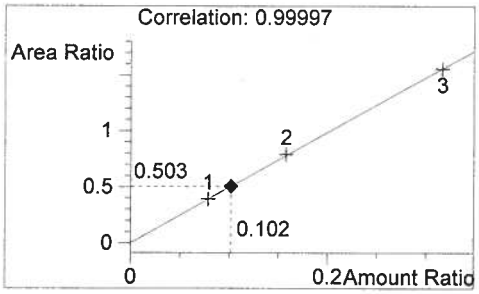
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 4:08:52 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

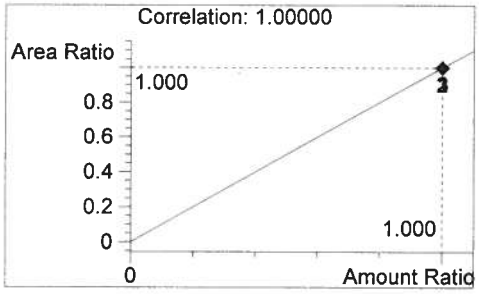
vial # 15



#	Compound	Area	RT
1	Ethanol	1299	1.047
2	n-Propanol	2584	1.711
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

11033

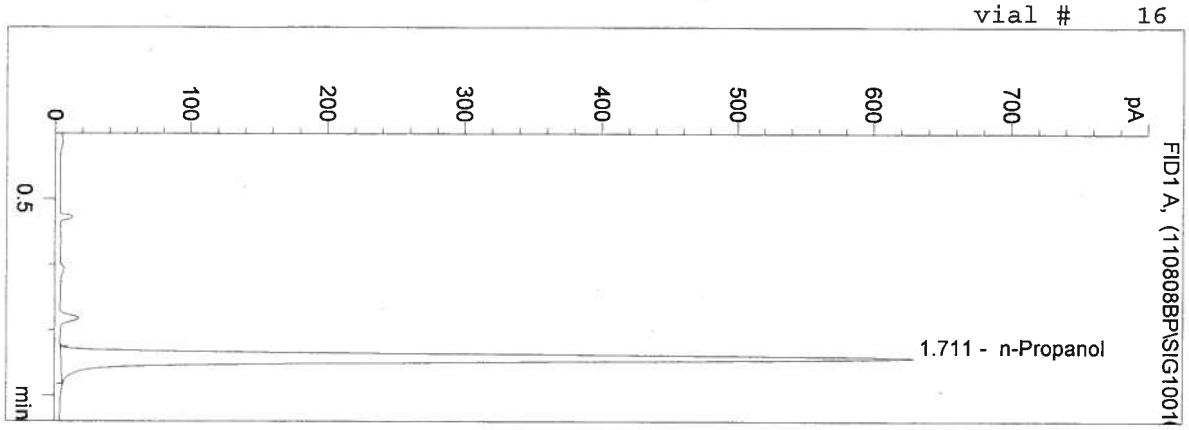
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

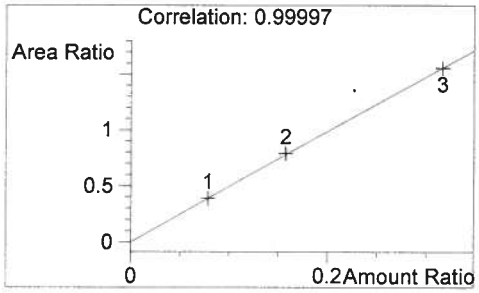
C:\HPCHEM\1\METHODS\SIMALC1.M
8/8/2011 4:11:57 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

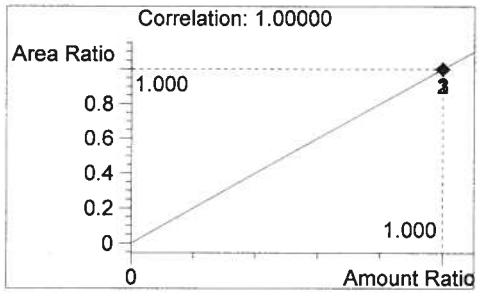
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2566	1.711
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11033

BP

WSP-TLD **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

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

Preparation Date: 8-1-11 Initials of Preparer: RF

Expiration Date: 8-1-12

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

Date the 200-proof Ethanol bottle was opened: 06/13/11

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	☑	11033

Stir bar is rotating	☑
Stirred for minimum 30 minutes; 2 hours for ESS	☑
Spigot purged	☑
Aliquot taken	☑
Batch labeled, packaged and sealed	☑ 8-1-2011 Date

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

Comments:

Analyst Signature

8-1-11
Date