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

An ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2008

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 11008

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: 03/03/2011
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Asa J. Louis

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

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1018 g/100mL
STANDARD DEVIATION: 0.00075
PRECISION CV (%): 0.73
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0828 g/210L**
EXPANDED UNCERTAINTY: ± 0.0024 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

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

3-17-11
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AJL	Asa J. Louis		03/03/2011
JLK	Justin L. Knoy		03/03/2011
CM	Christie Mitchell		03/04/2011
RF	Rebecca Flaherty		03/04/2011
SS	Sarah Swenson		03/07/2011
DC	Dawn Cox	Dawn E Cox	03/07/2011
BP	Brianna Peterson	Brianna Peterson	03/14/2011
CSJ	Christopher S. Johnston		03/14/2011

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 #: 11008 **Date Prepared: 3/3/2011**

Analyst:	AJL	JLK	CM	RF	SS	DC	BP	CSJ
Date Tested:	3/3/2011	3/3/2011	3/4/2011	3/4/2011	3/7/2011	3/7/2011	3/14/2011	3/14/2011
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.101	0.101	0.102	0.102	0.102	0.101	0.101	0.103
2	0.101	0.102	0.102	0.101	0.102	0.102	0.102	0.102
3	0.101	0.102	0.102	0.101	0.102	0.102	0.101	0.101
4	0.102	0.102	0.102	0.101	0.102	0.102	0.103	0.104
5	0.101	0.102	0.102	0.101	0.102	0.102	0.102	0.104
C	0.100	0.099	0.100	0.099	0.100	0.100	0.101	0.099

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000538499	0.0000502509	0.0001016326

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

Average Solution Concentration: 0.1018 g/100mL
Standard Deviation: 0.00075 g/100mL
Precision CV (%): 0.73
Equivalent Vapor Concentration: 0.0828 g/210L
Combined Standard Uncertainty (±): 0.0012 g/210L
Expanded Uncertainty (±): 0.0024 coverage factor (k) =2 (95% level of confidence)

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

Calculations verified by: JASON SKLERON MARCH 17, 2011 Method: HAND CALCULATOR
Name Signature Date

Technical review of batch file performed by:

Melissa L. Pemberton 3/17/11
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: JASON SKLEROV **Date:** MARCH 17, 2011

Location: WSP-FLSB; SEATTLE, WA **Solution Batch Number:** 11008

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

Comments:

Reviewer Signature: (SKLEROV) **Date:** MARCH 17, 2011

Reviewer Signature: N/A 3/17/11 **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	20110316
Brian Capron		
Brianna Peterson	BP	3/15/11
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell	CM	3/15/11
Christopher Johnston	CJ	3.15.11
Dawn Cox	DC	3/16/11
Justin Knoy	JK	3.15.11
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	3.15.11
Sarah Swenson	SMS	3/15/11

Batch # 11008

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 11008

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 11008, was prepared in the Washington State Toxicology Laboratory on 3/3/2011. 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 3/3/2012.

Seattle, WA

2011 03/5

Asa J. Louis — Date

Forensic Toxicologist

AJL/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11008

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 11008, was prepared in the Washington State Toxicology Laboratory on 3/3/2011. 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 3/3/2012.

Seattle, WA

3-15-11

Justin L. Knoy — Date
Forensic Toxicologist

JLK/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11008

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 11008, was prepared in the Washington State Toxicology Laboratory on 3/3/2011. 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 3/3/2012.

Seattle, WA

Christie Mitchell 3/15/11

Christie Mitchell Date

Forensic Toxicologist

CM/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11008

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 11008, was prepared in the Washington State Toxicology Laboratory on 3/3/2011. 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 3/3/2012.

Seattle, WA

3·15·2011

Rebecca Flaherty Date

Forensic Toxicologist

RF/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11008

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 11008, was prepared in the Washington State Toxicology Laboratory on 3/3/2011. 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 3/3/2012.

Seattle, WA

3/15/11

Sarah M. Swenson Date

Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11008

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 11008, was prepared in the Washington State Toxicology Laboratory on 3/3/2011. 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 3/3/2012.

Seattle, WA

Dawn E Cox 3/16/11

Dawn Cox Date

Forensic Toxicologist

DC/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11008

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 11008, was prepared in the Washington State Toxicology Laboratory on 3/3/2011. 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 3/3/2012.

Seattle, WA

Brianna Peterson 3/15/11

Brianna Peterson Date

Forensic Toxicologist

BP/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11008

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 11008, was prepared in the Washington State Toxicology Laboratory on 3/3/2011. 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 3/3/2012.

Seattle, WA

3·15·11

Christopher S. Johnston Date
Forensic Toxicologist

CSJ/ik

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:	110303A2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a075264 exp 10/2014
0.10 control lot# a071132 exp 03/2014
0.20 control lot# a073849 exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	11008 #1	SIMALC1	1	Sample		
11	Vial 11	11008 #2	SIMALC1	1	Sample		
12	Vial 12	11008 #3	SIMALC1	1	Sample		
13	Vial 13	11008 #4	SIMALC1	1	Sample		
14	Vial 14	11008 #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		

AM 20110306

AK 20110303

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	

11008

Sequence Table (Back Injector):

No entries - empty table!

AL
20110316

AL
20110303

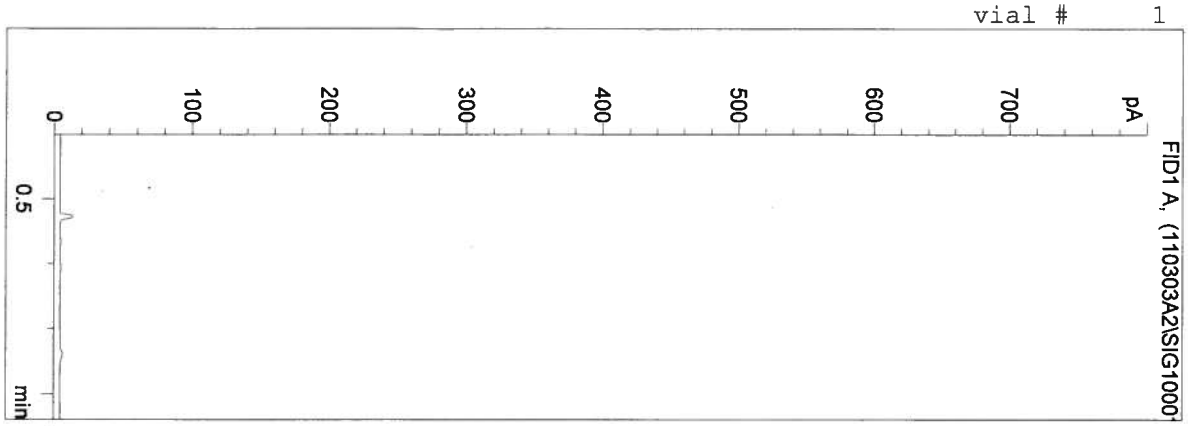
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

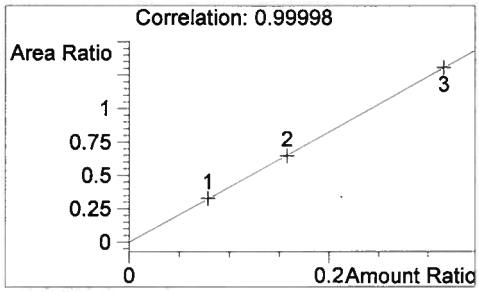
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 11:11:22 AM
Instrument 1
DB-ALC1

blank
asa louis

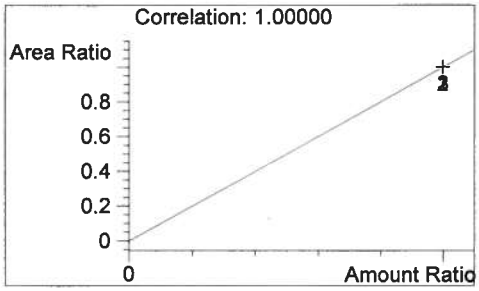
vial # 1



#	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

20110315

20110303

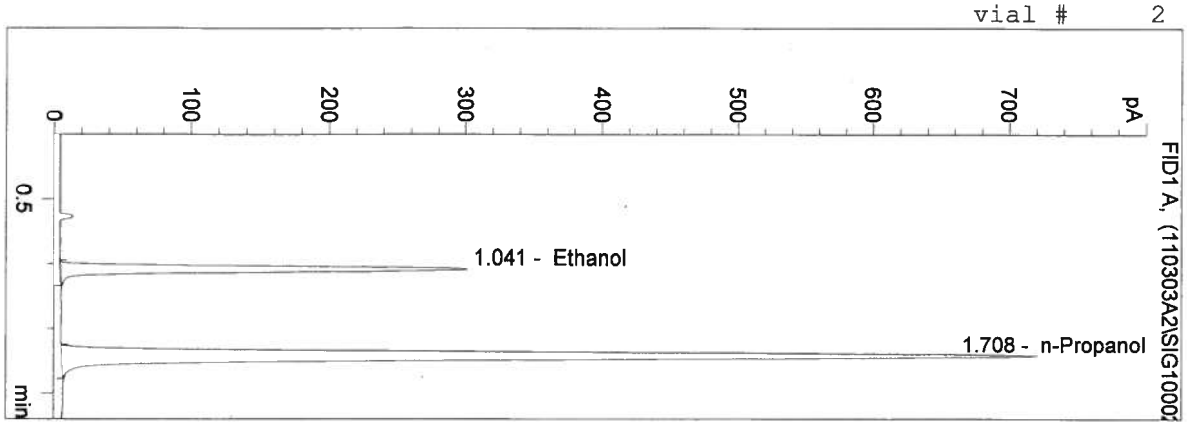
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

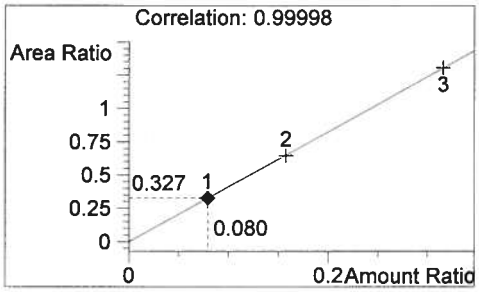
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 11:14:27 AM
Instrument 1
DB-ALC1

0.079 cal 1
asa louis

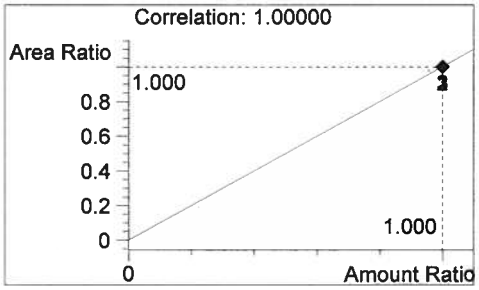
vial # 2



#	Compound	Area	RT
1	Ethanol	913	1.041
2	n-Propanol	2791	1.708
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

A 20110315

A 20110303

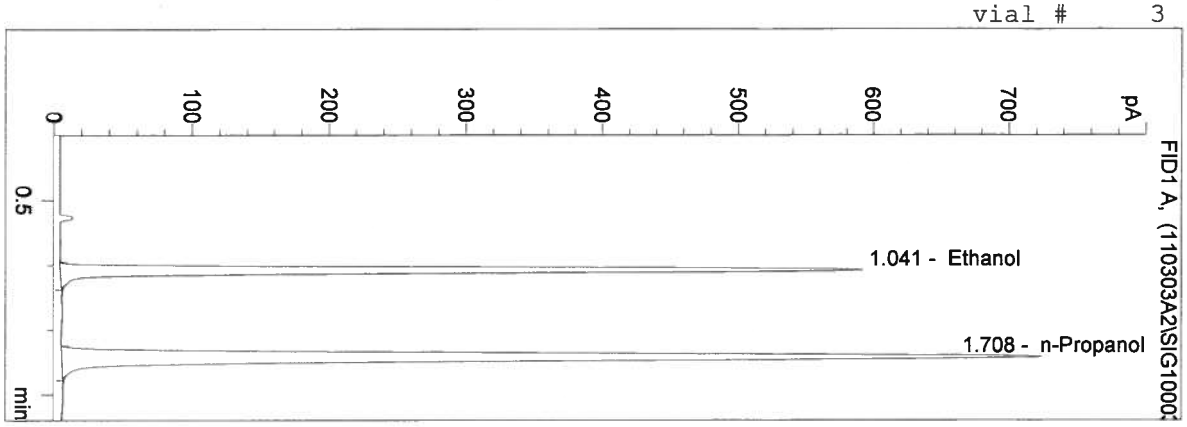
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

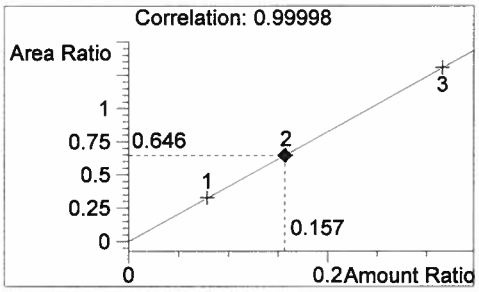
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 11:17:32 AM
Instrument 1
DB-ALC1

0.158 cal 2
asa louis

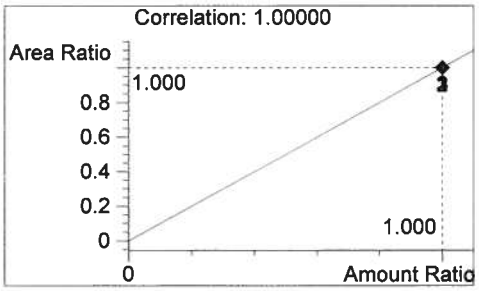
vial # 3



#	Compound	Area	RT
1	Ethanol	1810	1.041
2	n-Propanol	2801	1.708
Tot			



Ethanol 0.157 g/100 mL



n-Propanol 1.000 g/100 mL

A
20110315

A
20110303

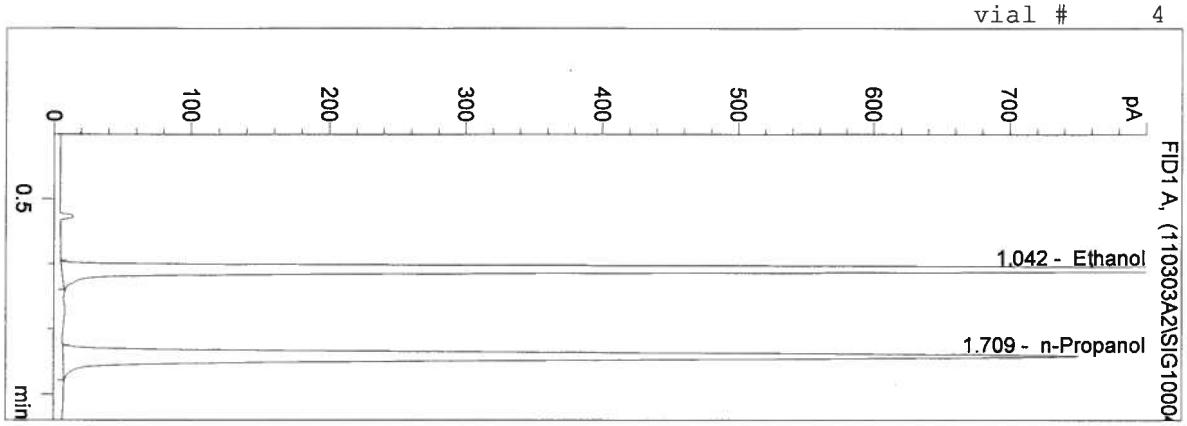
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

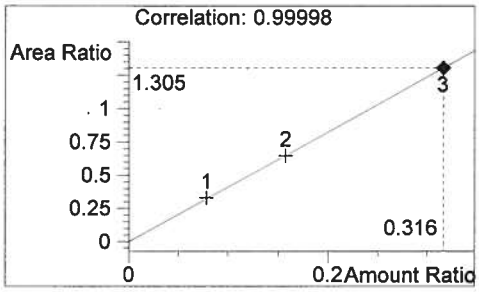
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 11:20:36 AM
Instrument 1
DB-ALC1

0.316 cal 3
asa louis

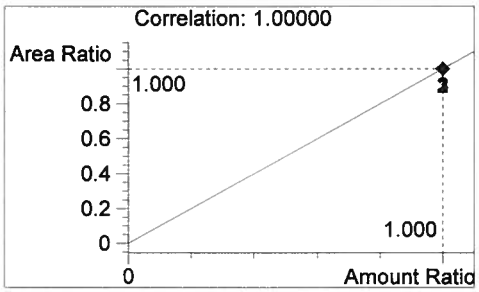
vial # 4



#	Compound	Area	RT
1	Ethanol	3798	1.042
2	n-Propanol	2910	1.709
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

A 20110315

A 20110303

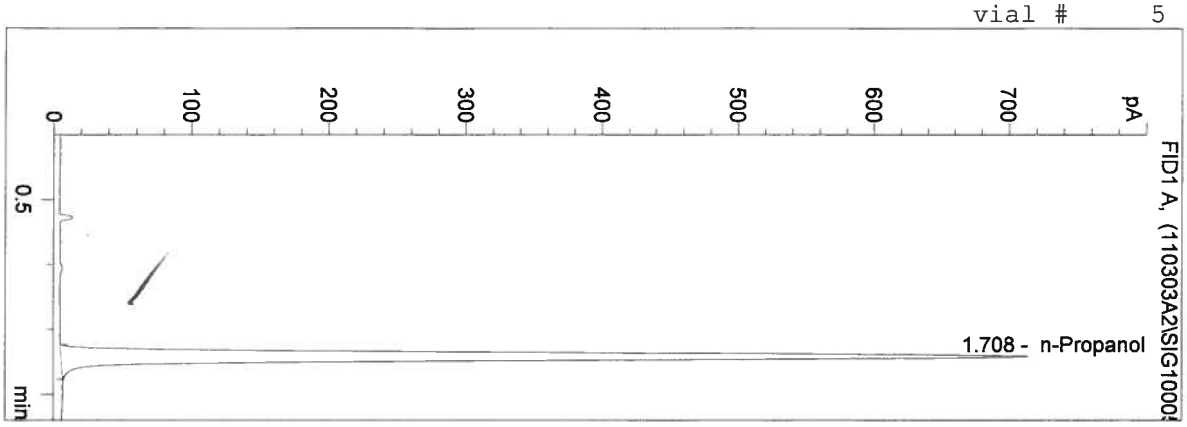
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

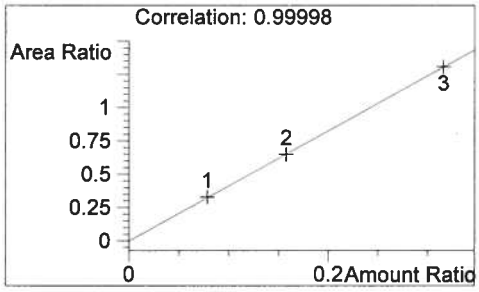
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 11:23:41 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

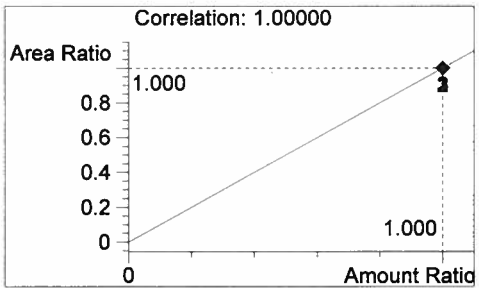
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2770	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110315

AL 20110303

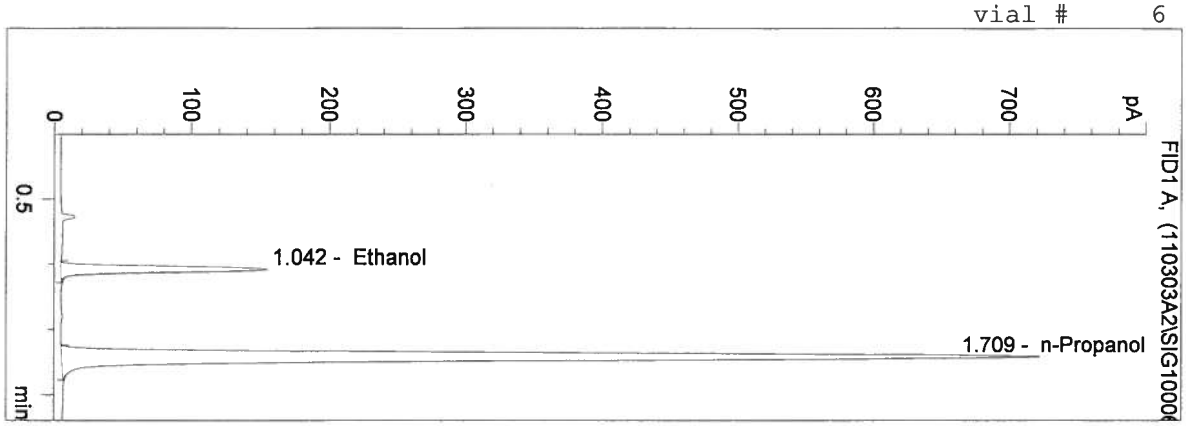
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

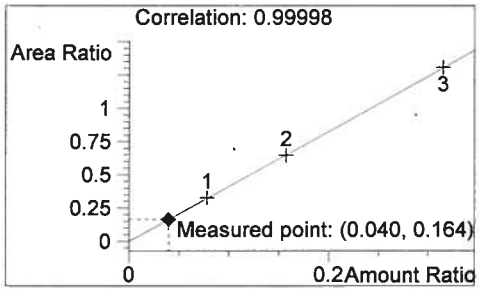
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 11:26:46 AM
Instrument 1
DB-ALC1

0.04 ctrl al
asa louis

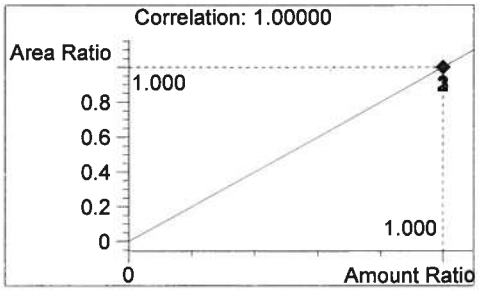
vial # 6



#	Compound	Area	RT
1	Ethanol	460	1.042
2	n-Propanol	2810	1.709
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

A 20110315

A 20110303

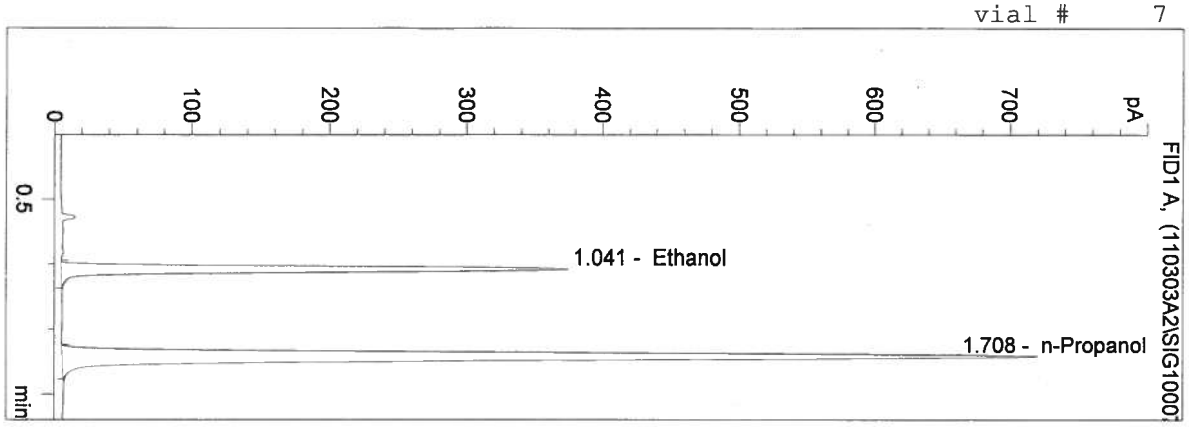
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

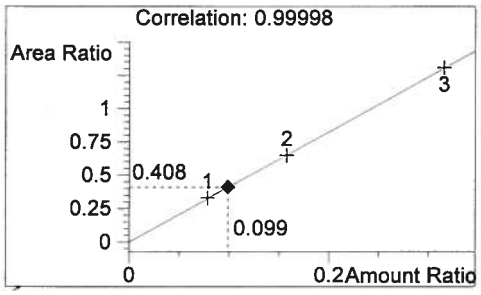
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 11:29:51 AM
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

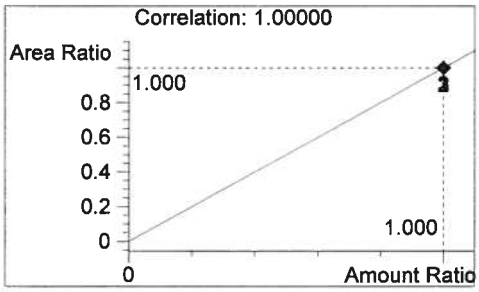
vial # 7



#	Compound	Area	RT
1	Ethanol	1133	1.041
2	n-Propanol	2778	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110315

AL 20110303

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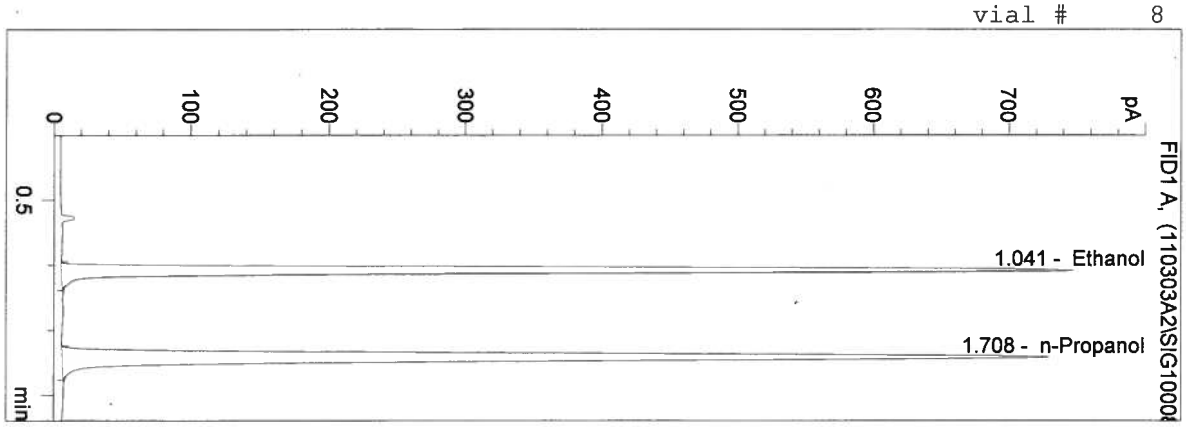
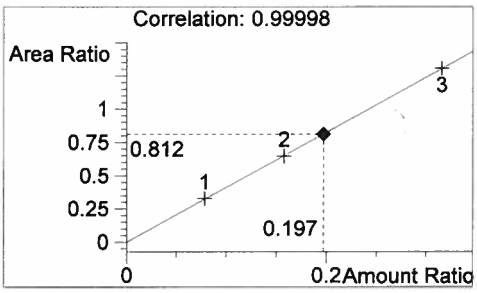
3/3/2011 11:32:55 AM
Instrument 1
DB-ALC1

0.20 ctrl al
asa louis

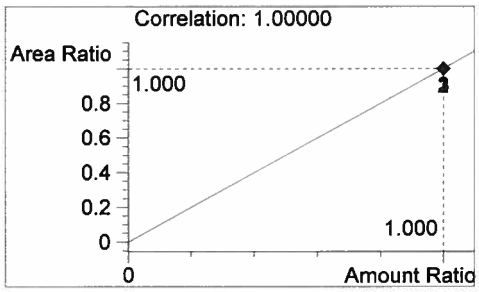
vial # 8



#	Compound	Area	RT
1	Ethanol	2293	1.041
2	n-Propanol	2823	1.708
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110315

AL 20110303

11008

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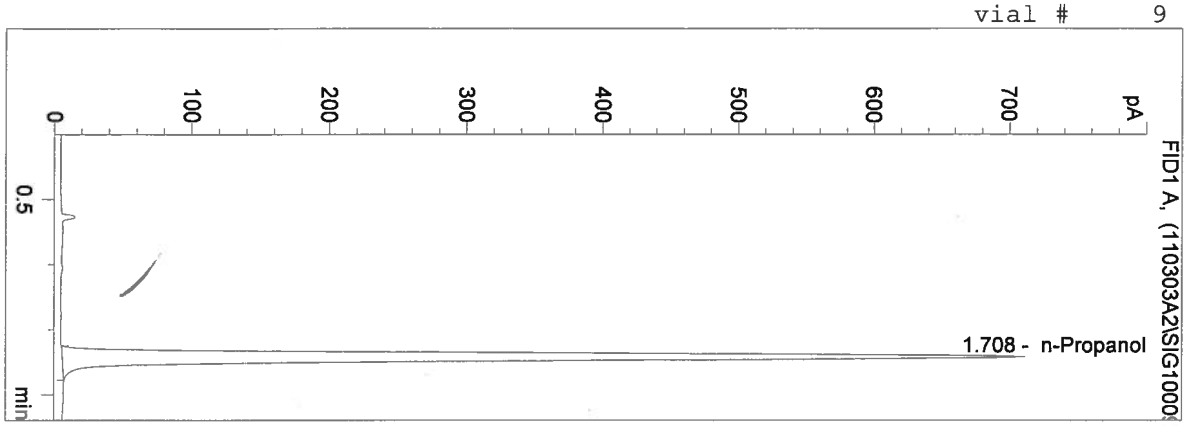
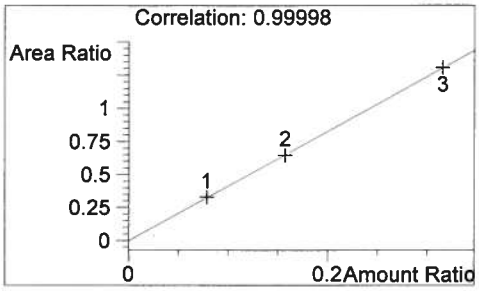
3/3/2011 11:36:00 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

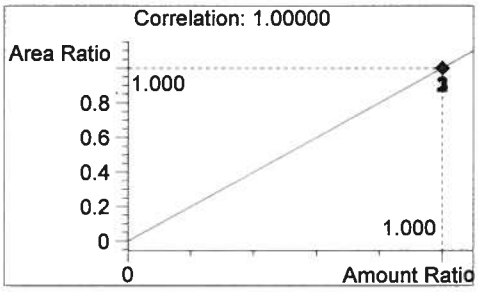
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2759	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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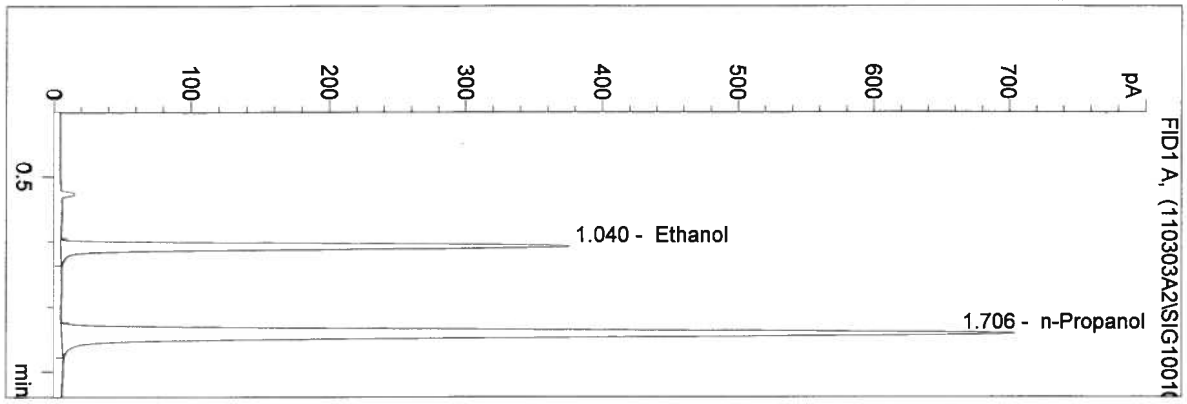
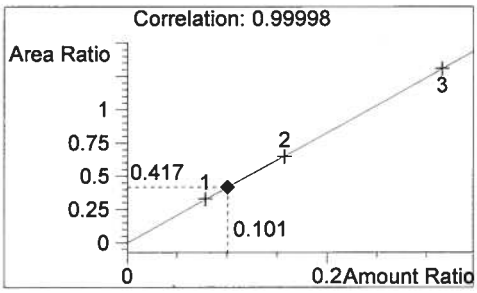
3/3/2011 11:39:05 AM
Instrument 1
DB-ALC1

11008 #1
asa louis

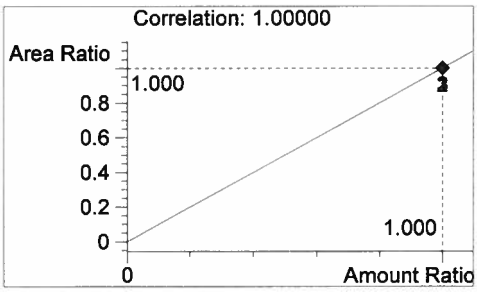
vial # 10



#	Compound	Area	RT
1	Ethanol	1130	1.040
2	n-Propanol	2713	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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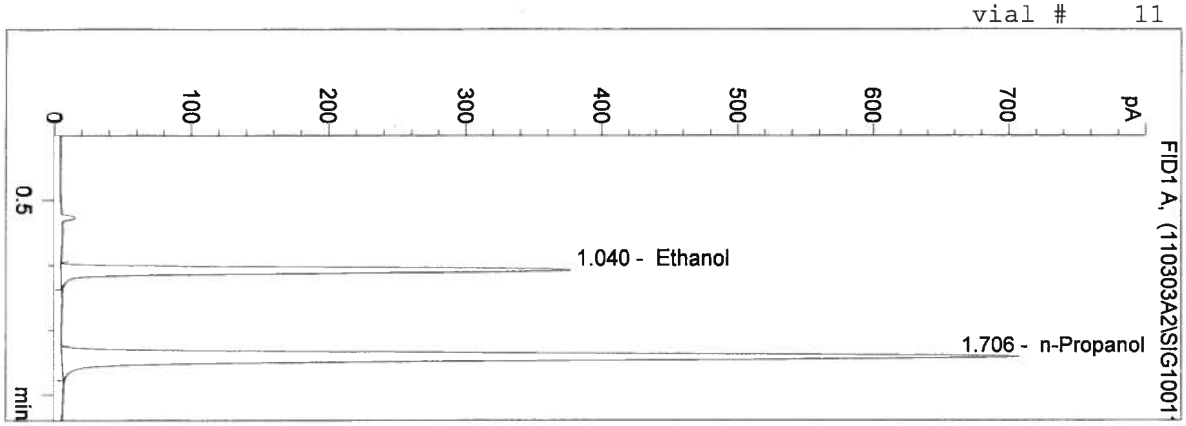
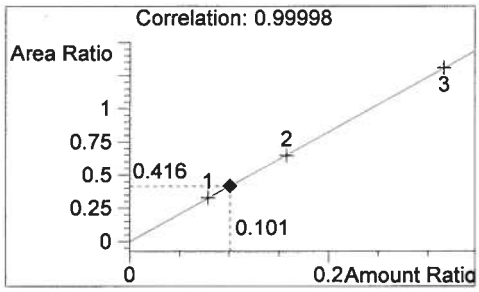
3/3/2011 11:42:10 AM
Instrument 1
DB-ALC1

11008 #2
asa louis

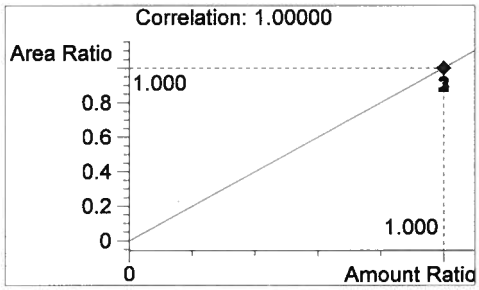
vial # 11



#	Compound	Area	RT
1	Ethanol	1135	1.040
2	n-Propanol	2727	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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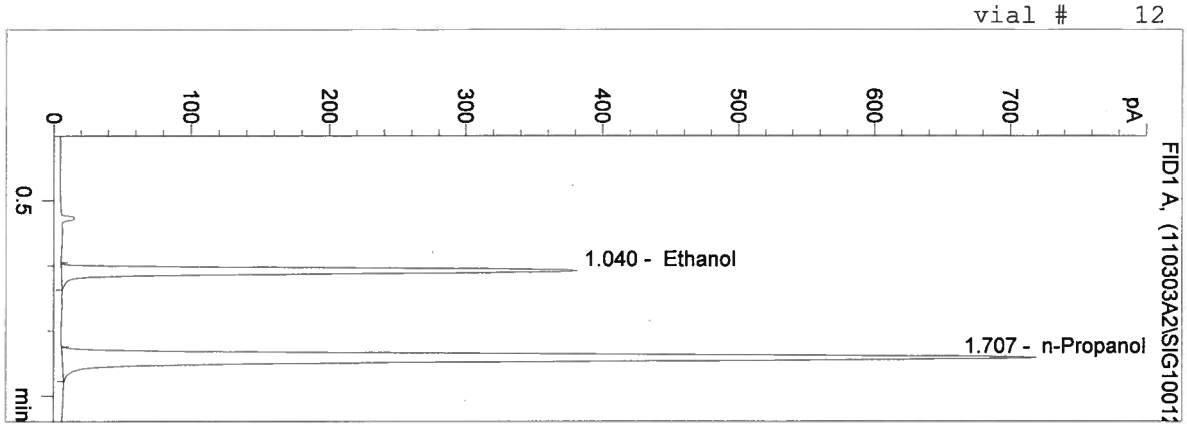
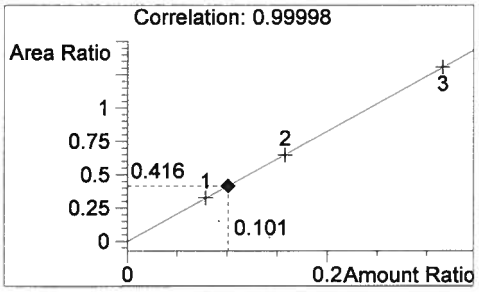
3/3/2011 11:45:14 AM
Instrument 1
DB-ALC1

11008 #3
asa louis

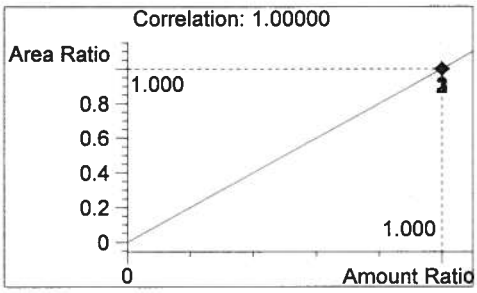
vial # 12



#	Compound	Area	RT
1	Ethanol	1157	1.040
2	n-Propanol	2779	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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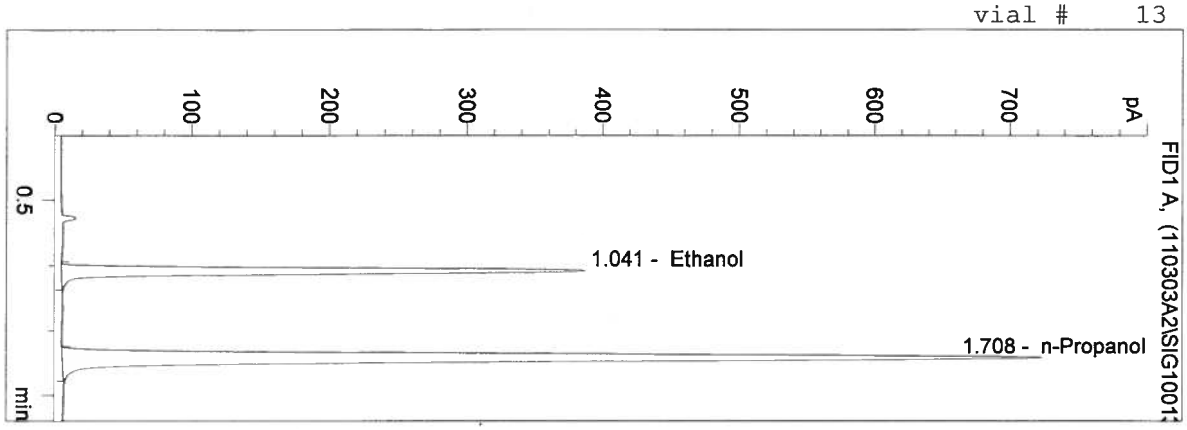
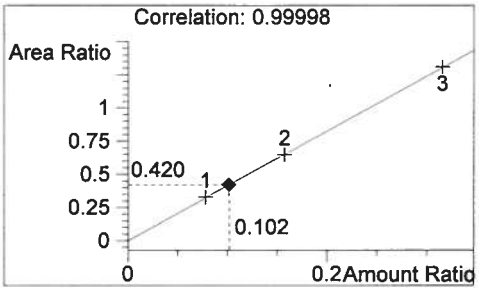
3/3/2011 11:48:19 AM
Instrument 1
DB-ALC1

11008 #4
asa louis

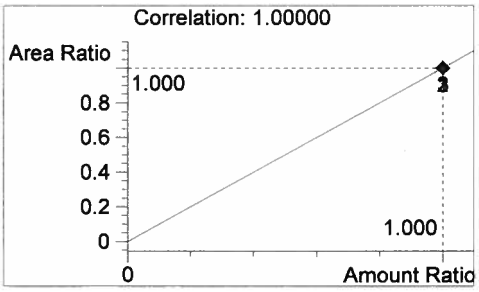
vial # 13



#	Compound	Area	RT
1	Ethanol	1177	1.041
2	n-Propanol	2802	1.708
Tot			



Ethanol 0.102 g/100 mL



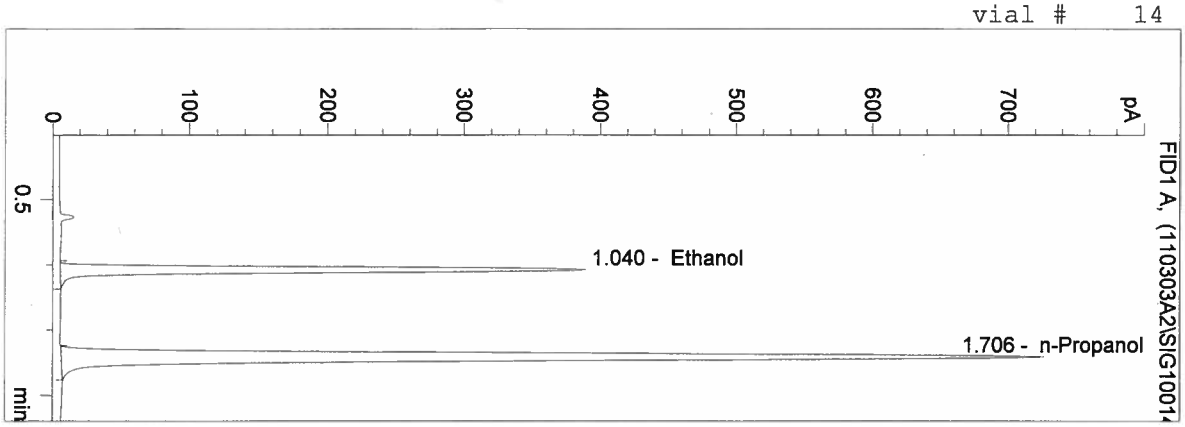
n-Propanol 1.000 g/100 mL

AK 20110315

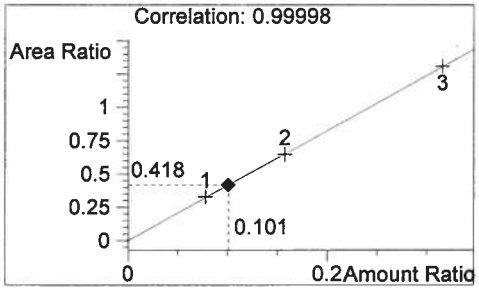
AK 20110353

WASHINGTON STATE TOXICOLOGY LABORATORY

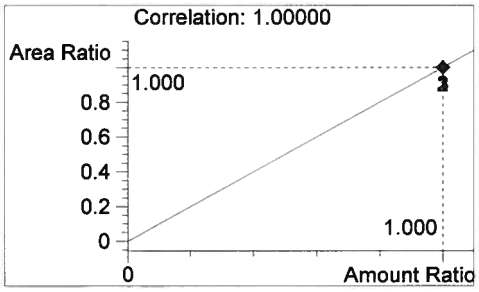
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 11:51:24 AM 11008 #5
Instrument 1 asa louis
DB-ALC1
vial # 14



#	Compound	Area	RT
1	Ethanol	1170	1.040
2	n-Propanol	2801	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110315

AL 20110303

WASHINGTON STATE TOXICOLOGY LABORATORY

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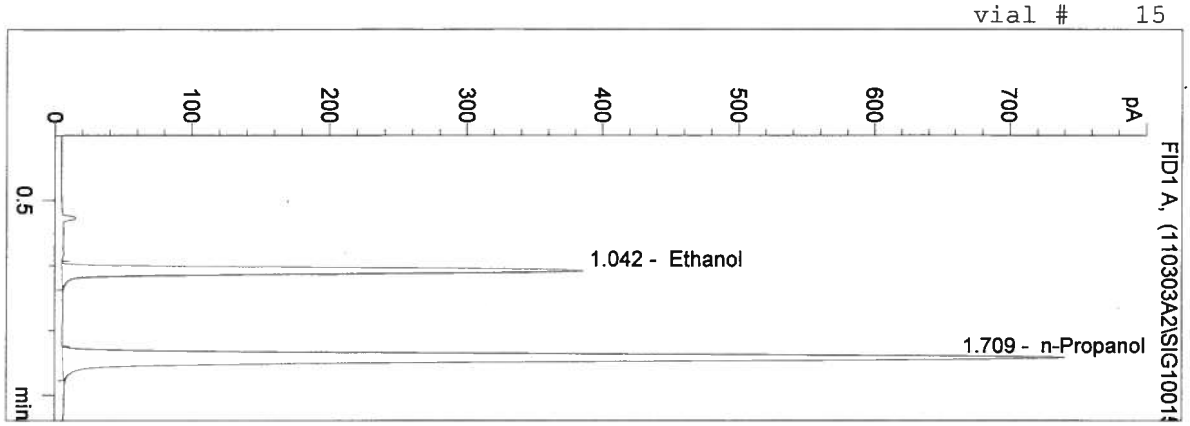
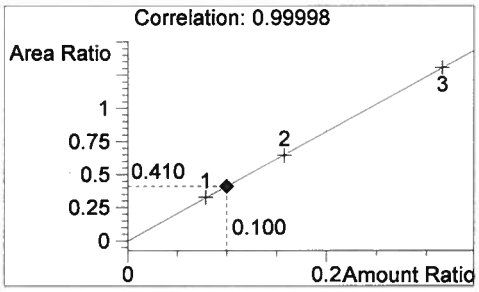
3/3/2011 11:54:29 AM
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

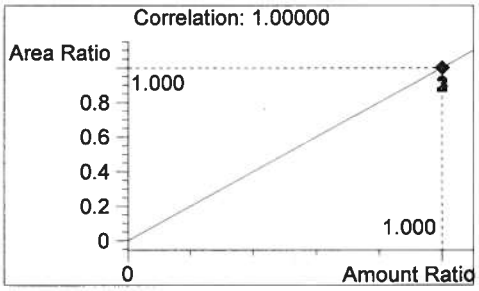
vial # 15



#	Compound	Area	RT
1	Ethanol	1177	1.042
2	n-Propanol	2869	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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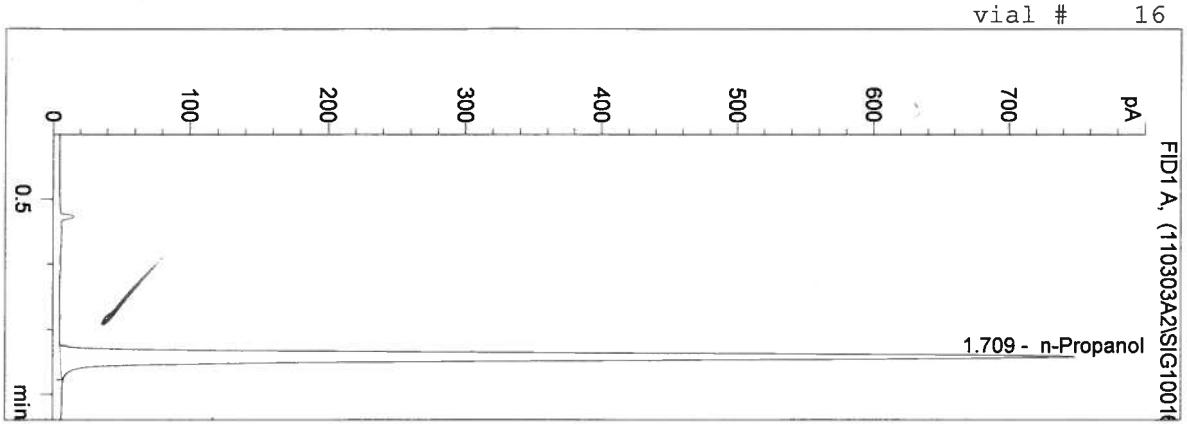
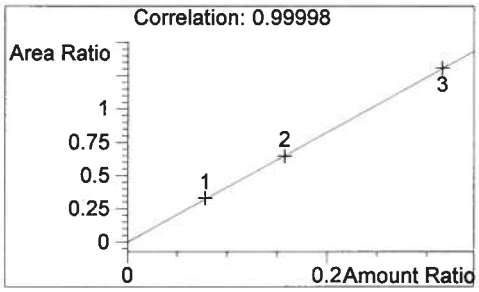
3/3/2011 11:57:34 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

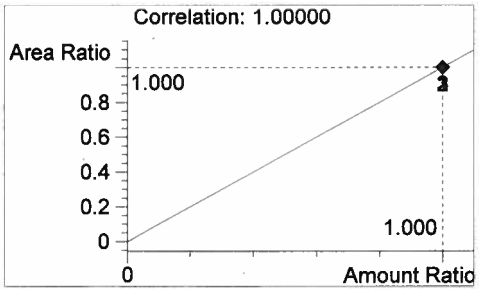
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2910	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110315

AL 20110333

11008

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:	110303JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	11008-1	SIMALC1	1	Sample		
11	Vial 11	11008-2	SIMALC1	1	Sample		
12	Vial 12	11008-3	SIMALC1	1	Sample		
13	Vial 13	11008-4	SIMALC1	1	Sample		
14	Vial 14	11008-5	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	

11008

Sequence Table (Back Injector):

No entries - empty table!

JK

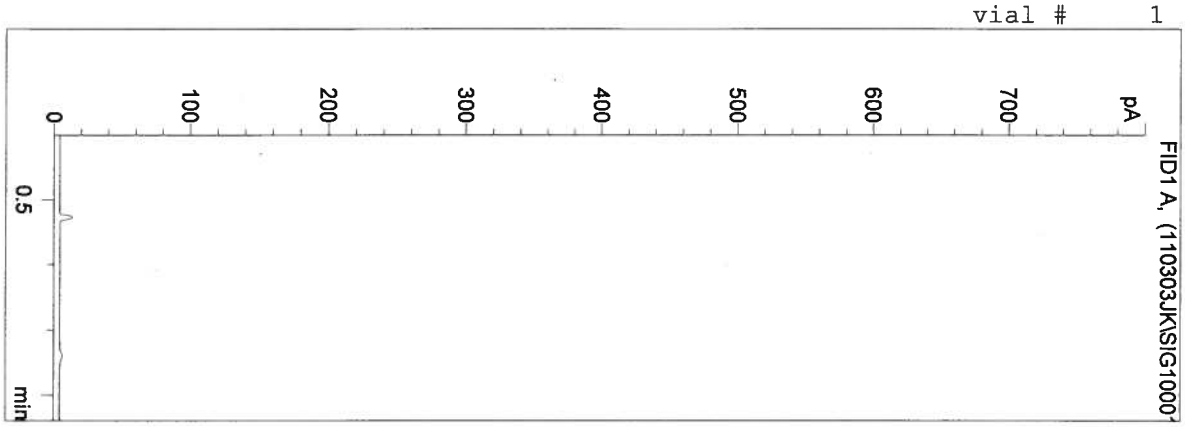
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

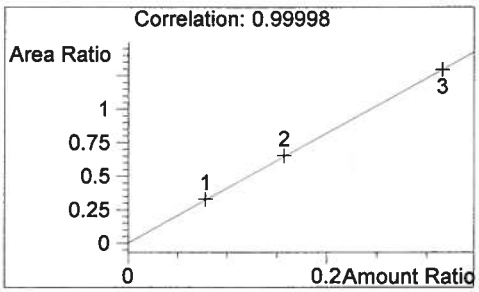
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:04:27 PM
Instrument 1
DB-ALC1

BLANK
Justin Knoy

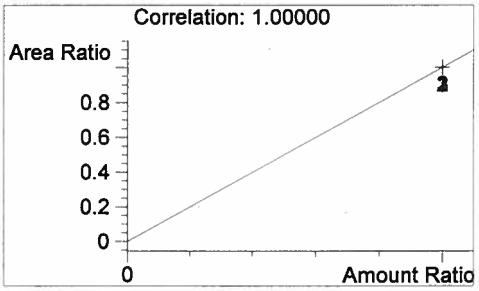
vial # 1



#	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

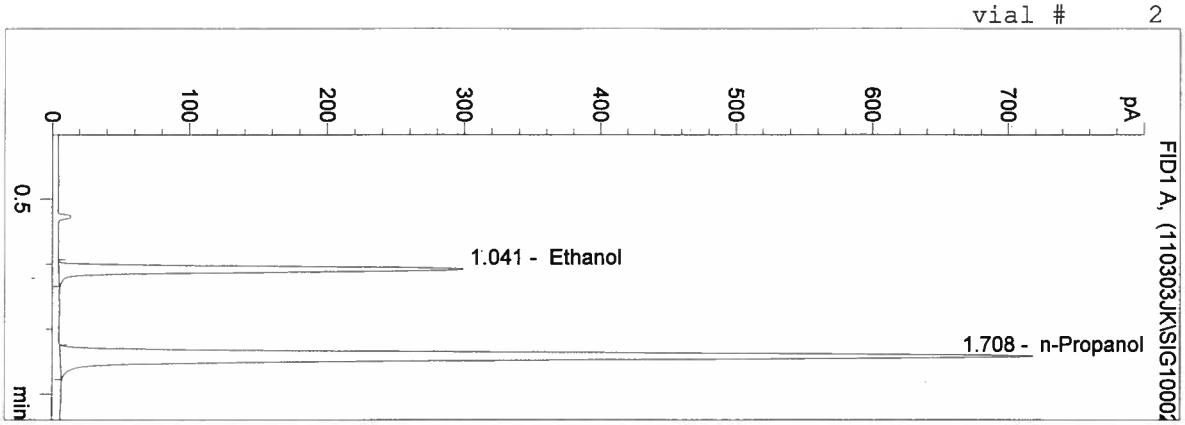
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

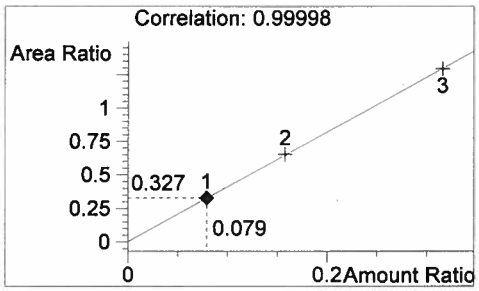
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:07:26 PM
Instrument 1
DB-ALC1

0.079 CAL
Justin Knoy

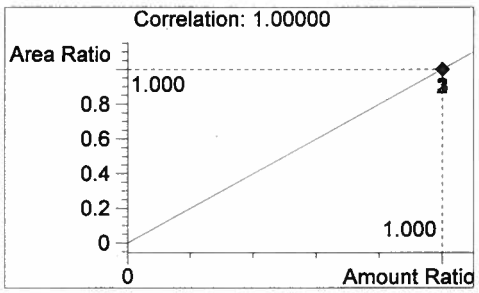
vial # 2



#	Compound	Area	RT
1	Ethanol	914	1.041
2	n-Propanol	2791	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

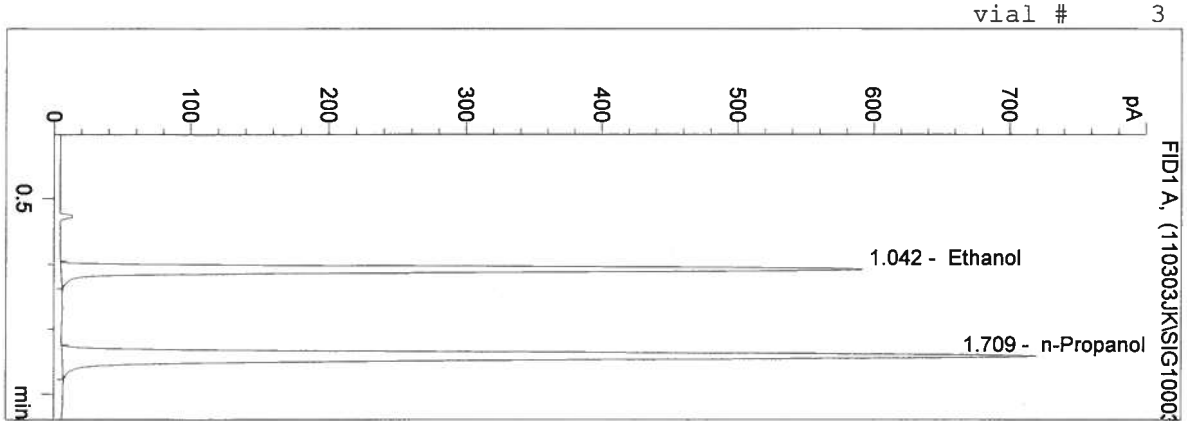
11005

WASHINGTON STATE TOXICOLOGY LABORATORY

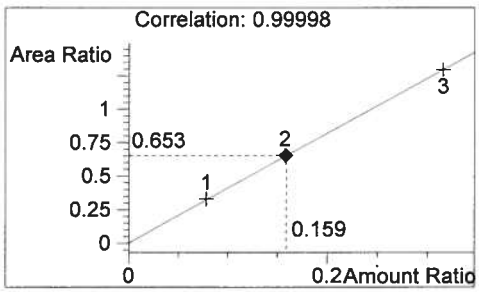
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:10:31 PM
Instrument 1
DB-ALC1

0.158 CAL
Justin Knoy

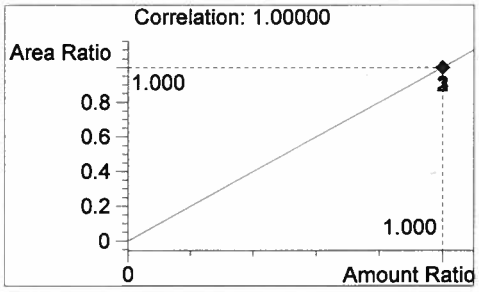
vial # 3



#	Compound	Area	RT
1	Ethanol	1818	1.042
2	n-Propanol	2784	1.709
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11008

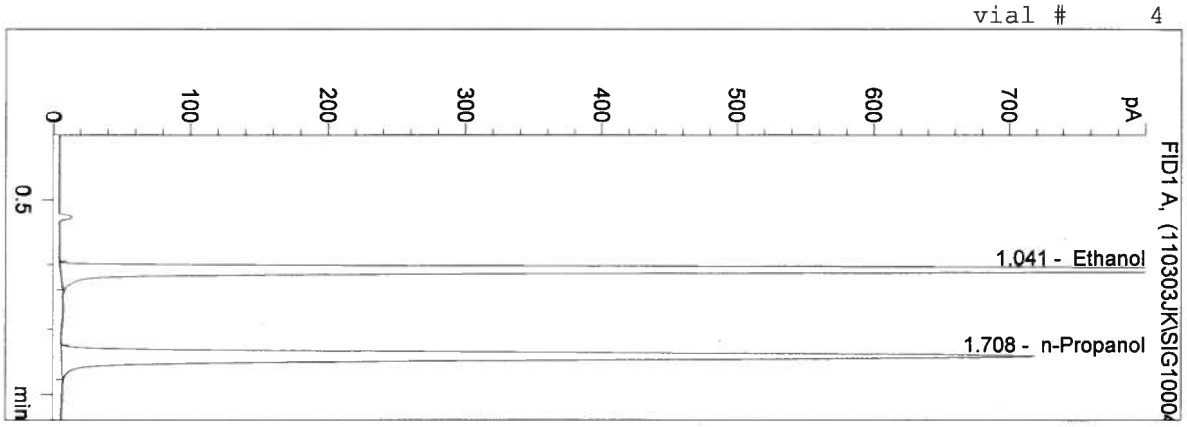
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

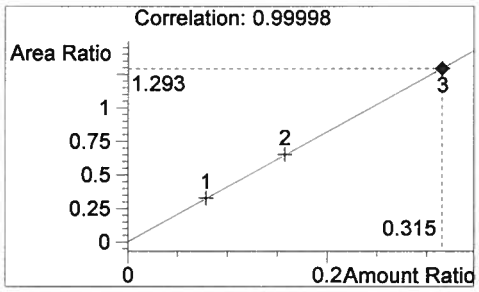
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:13:36 PM
Instrument 1
DB-ALC1

0.316 CAL
Justin Knoy

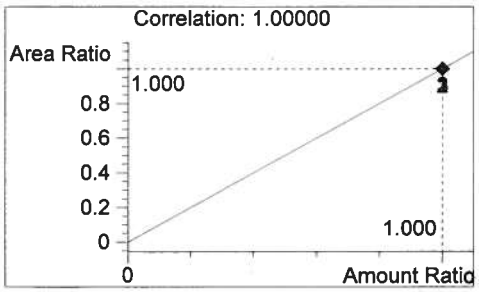
vial # 4



#	Compound	Area	RT
1	Ethanol	3595	1.041
2	n-Propanol	2780	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11008

WASHINGTON STATE TOXICOLOGY LABORATORY

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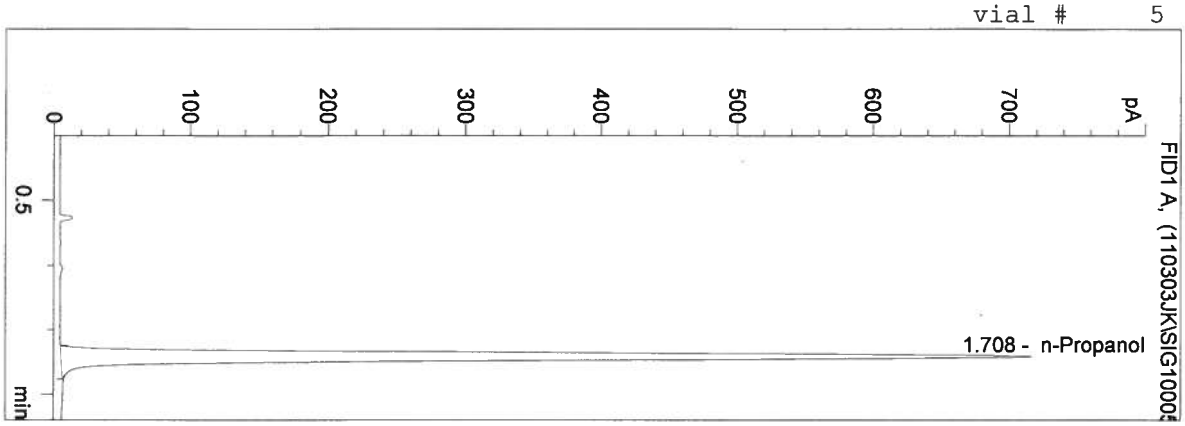
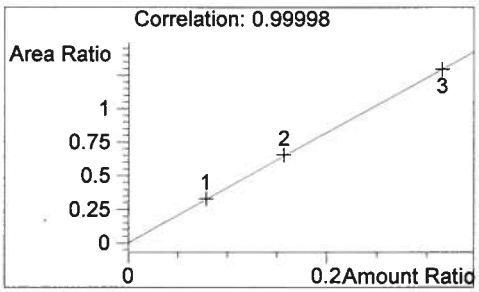
3/3/2011 4:16:41 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

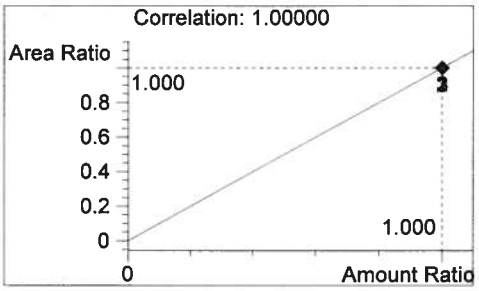
vial # 5



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



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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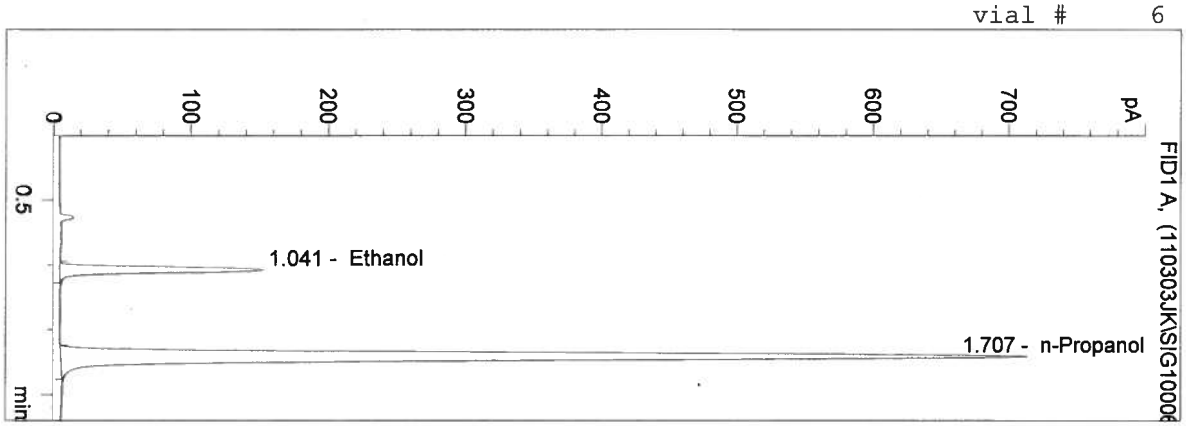
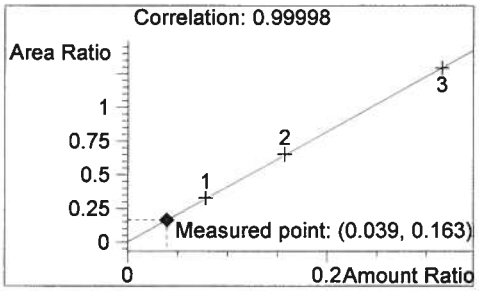
3/3/2011 4:19:45 PM
Instrument 1
DB-ALC1

0.04 CTRL JK
Justin Knoy

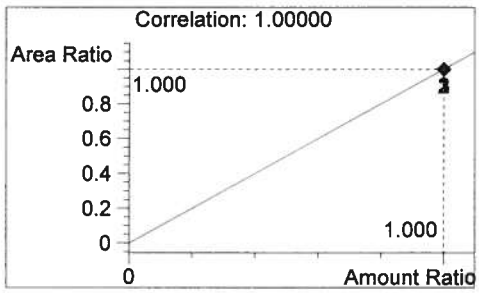
vial # 6



#	Compound	Area	RT
1	Ethanol	450	1.041
2	n-Propanol	2754	1.707
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

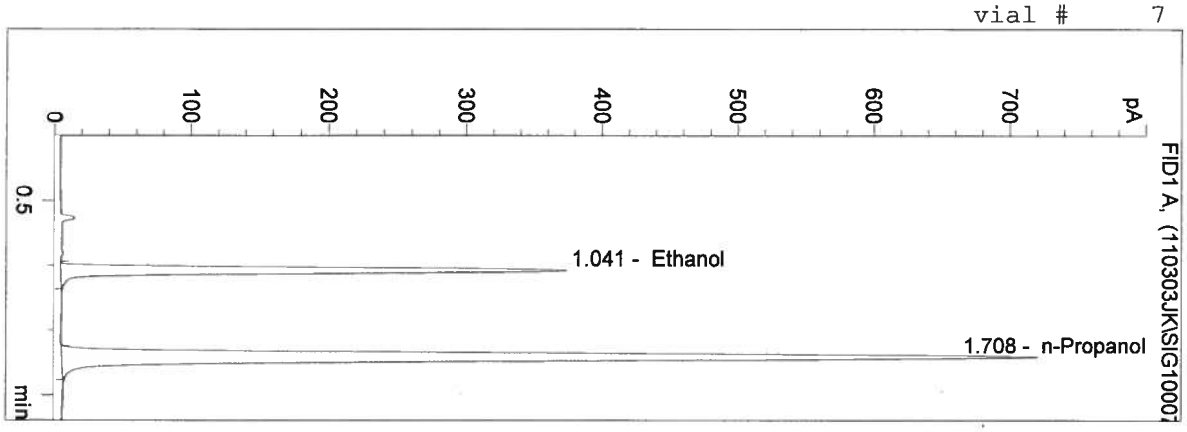
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

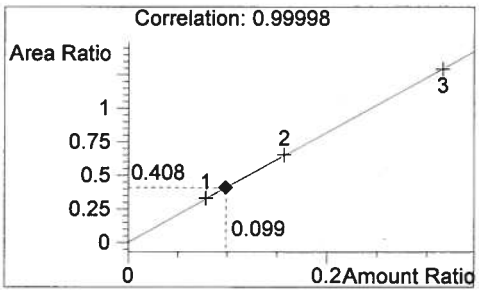
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:22:50 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

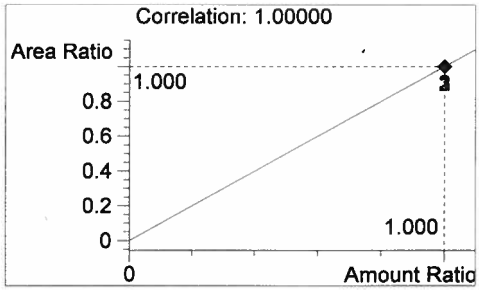
vial # 7



#	Compound	Area	RT
1	Ethanol	1134	1.041
2	n-Propanol	2782	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11008

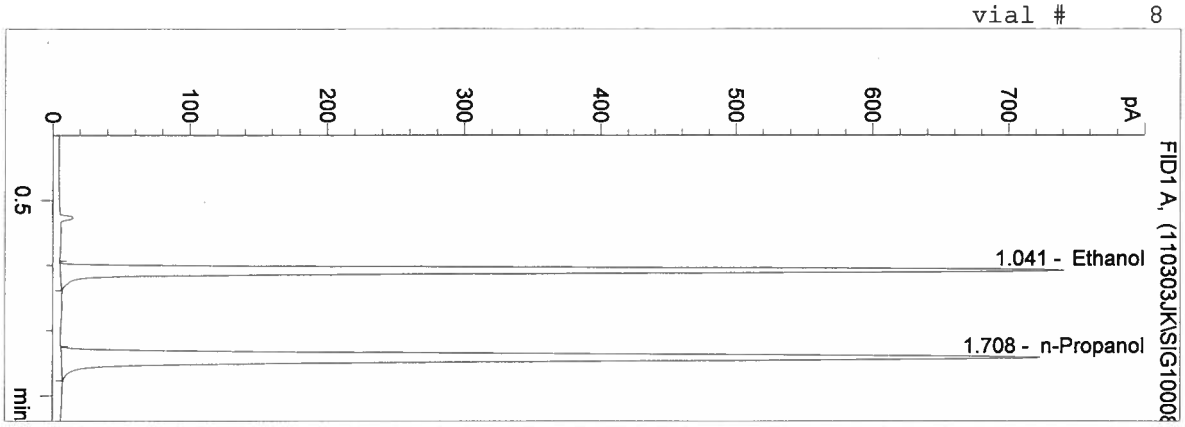
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

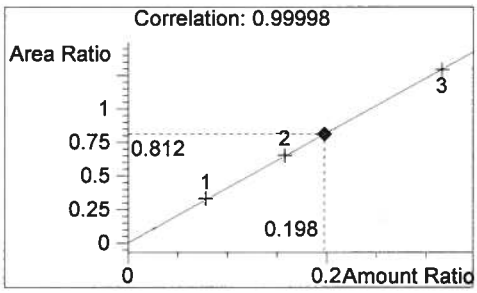
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:25:55 PM
Instrument 1
DB-ALC1

0.20 CTRL JK
Justin Knoy

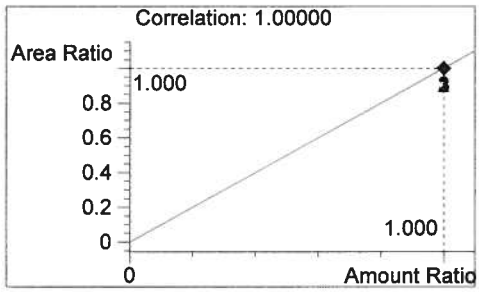
vial # 8



#	Compound	Area	RT
1	Ethanol	2269	1.041
2	n-Propanol	2793	1.708
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

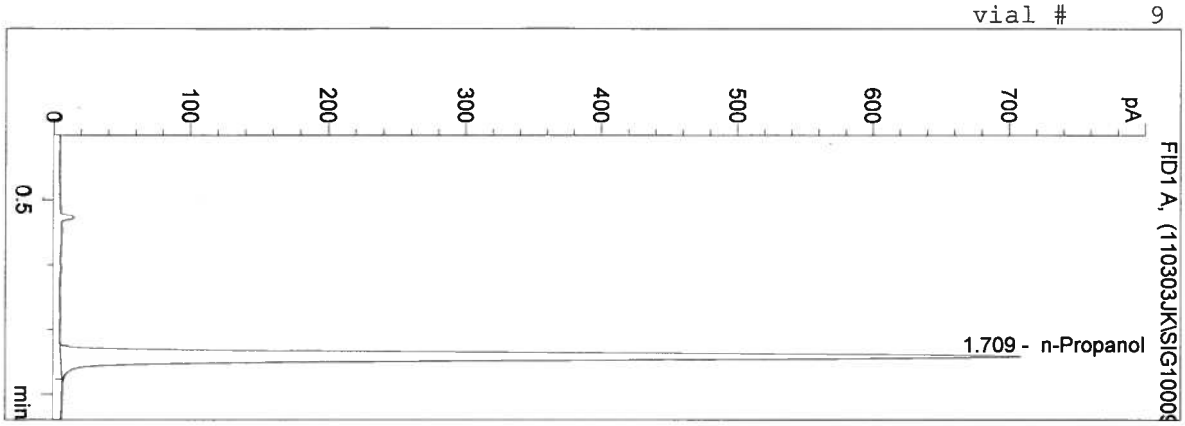
11003

WASHINGTON STATE TOXICOLOGY LABORATORY

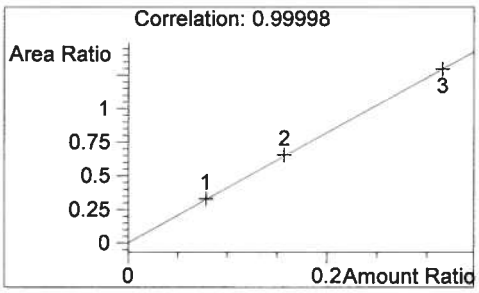
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:29:00 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

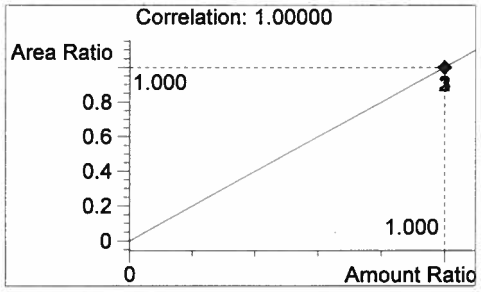
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2748	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

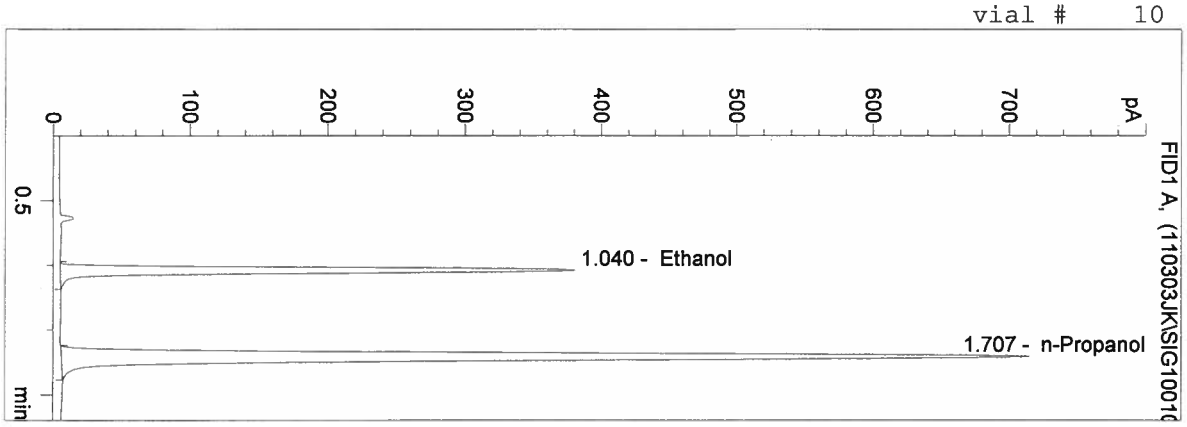
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

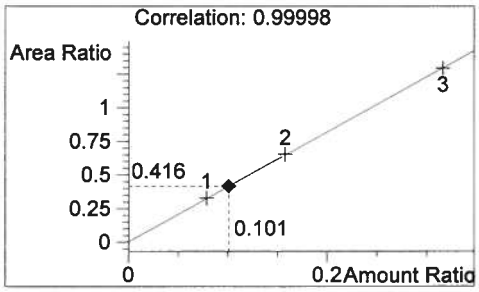
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:32:04 PM
Instrument 1
DB-ALC1

11008-1
Justin Knoy

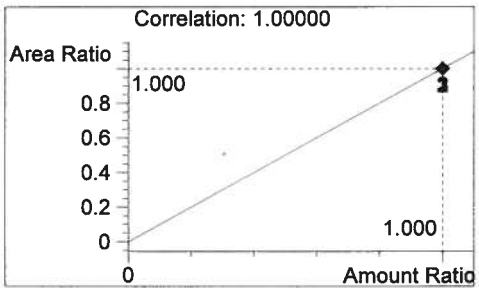
vial # 10



#	Compound	Area	RT
1	Ethanol	1147	1.040
2	n-Propanol	2757	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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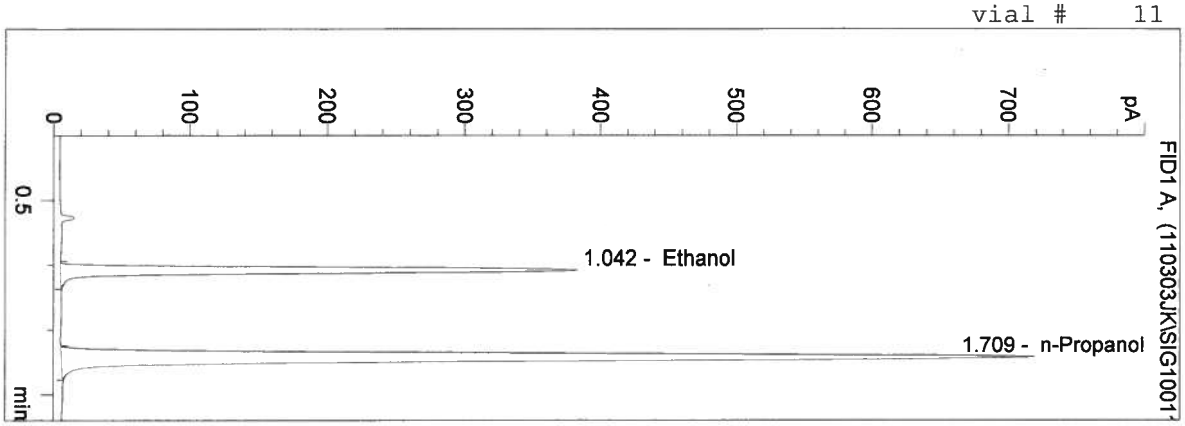
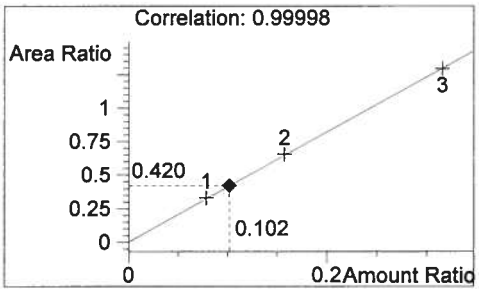
3/3/2011 4:35:09 PM
Instrument 1
DB-ALC1

11008-2
Justin Knoy

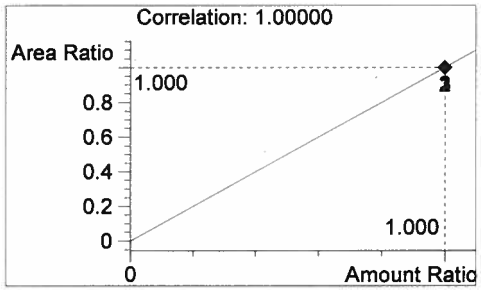
vial # 11



#	Compound	Area	RT
1	Ethanol	1168	1.042
2	n-Propanol	2777	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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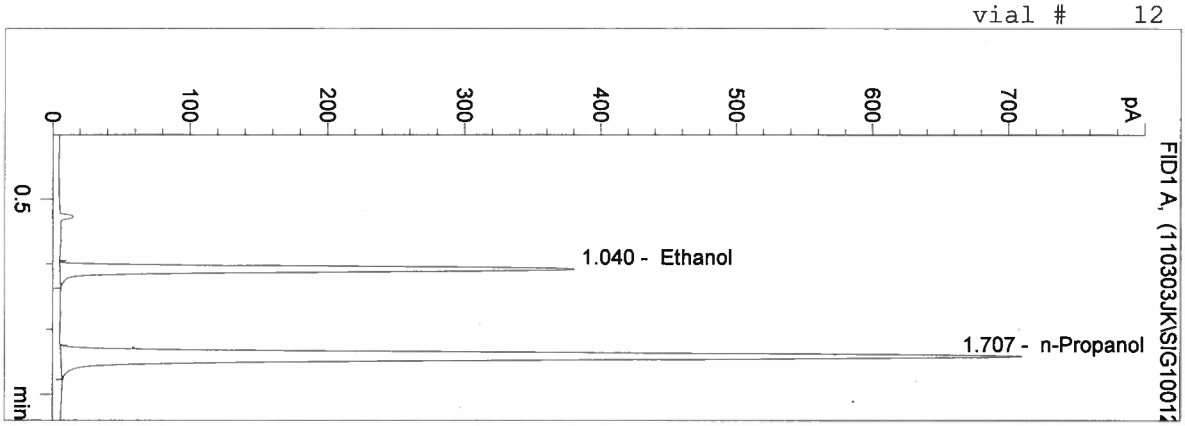
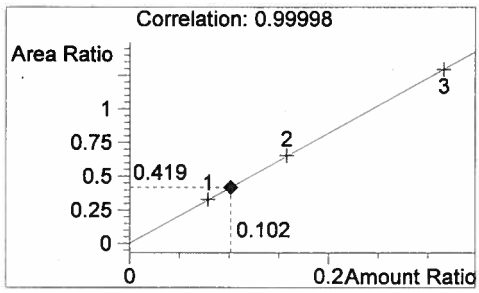
3/3/2011 4:38:14 PM
Instrument 1
DB-ALC1

11008-3
Justin Knoy

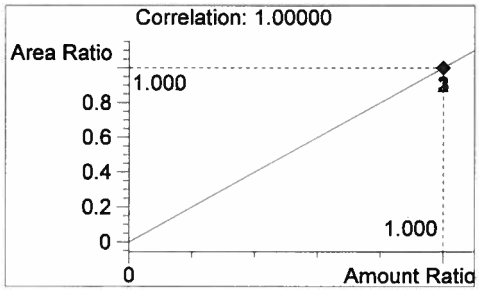
vial # 12



#	Compound	Area	RT
1	Ethanol	1148	1.040
2	n-Propanol	2743	1.707
Tot			



Ethanol 0.102 g/100 mL



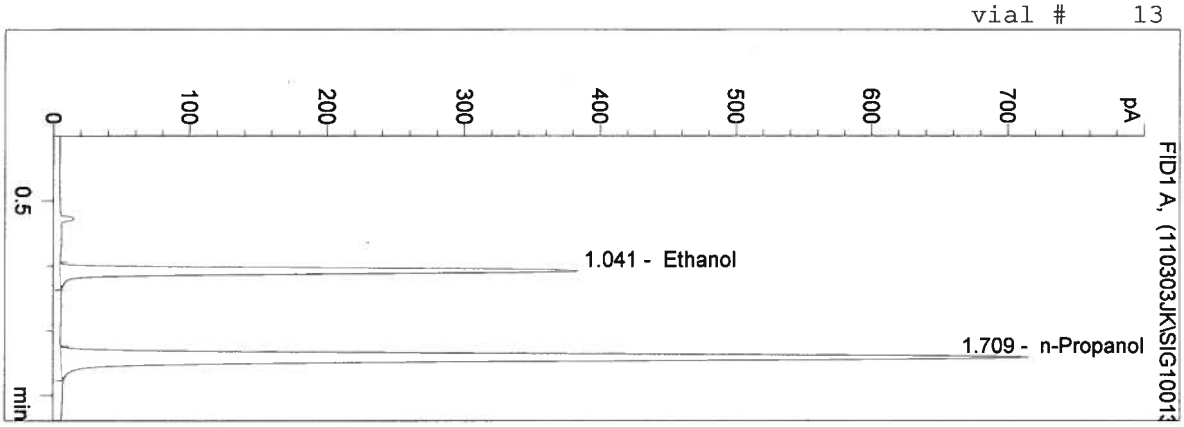
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

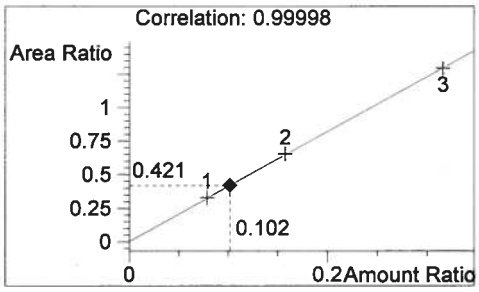
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:41:19 PM
Instrument 1
DB-ALC1

11008-4
Justin Knoy

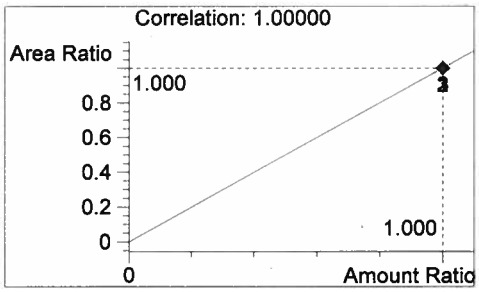
vial # 13



#	Compound	Area	RT
1	Ethanol	1165	1.041
2	n-Propanol	2771	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

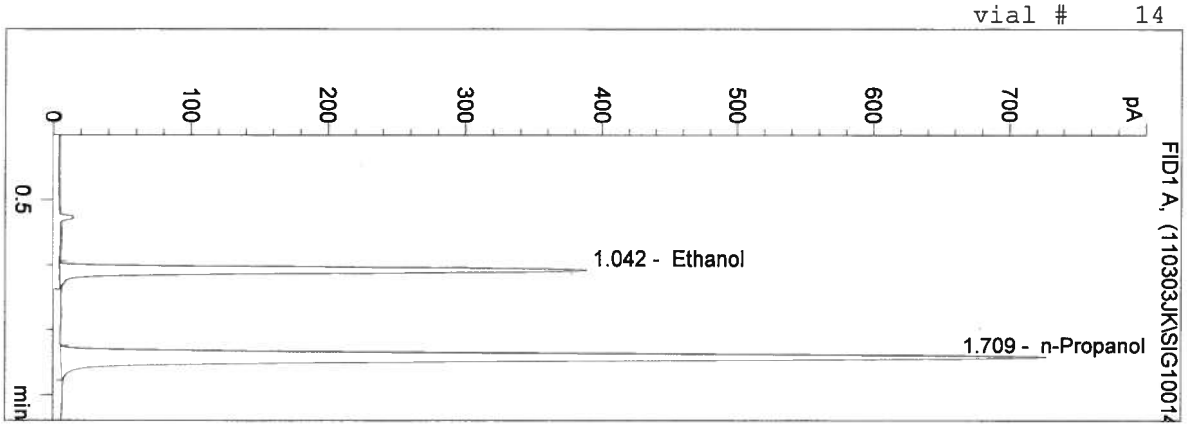
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

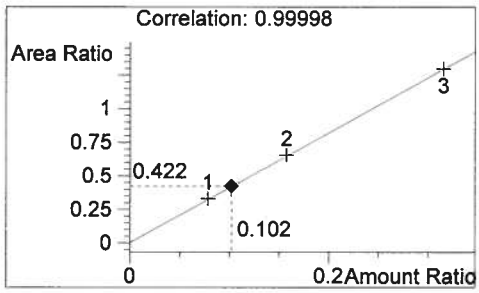
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:44:23 PM
Instrument 1
DB-ALC1

11008-5
Justin Knoy

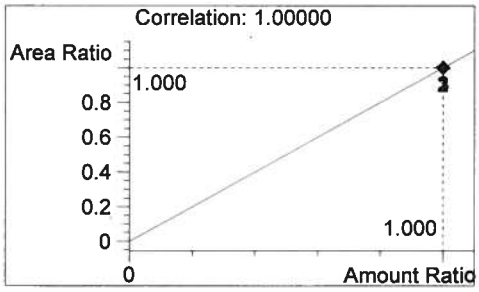
vial # 14



#	Compound	Area	RT
1	Ethanol	1188	1.042
2	n-Propanol	2819	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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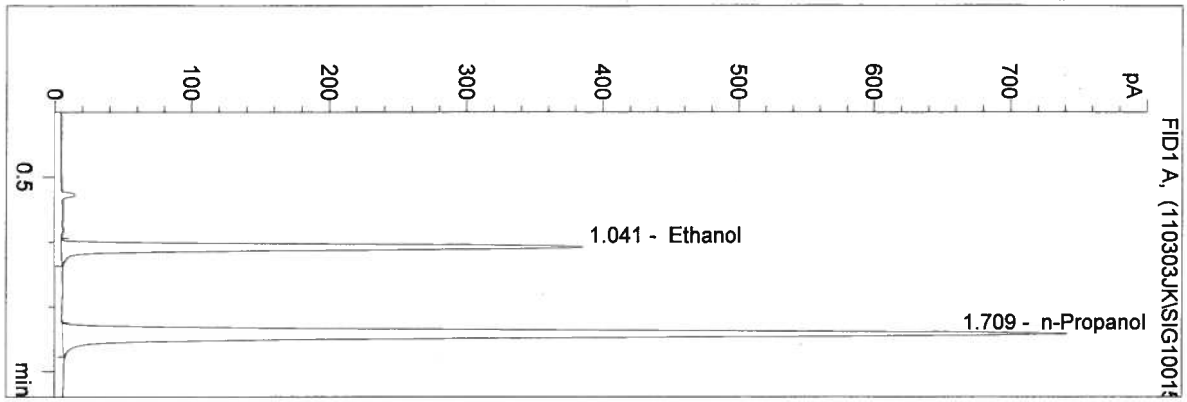
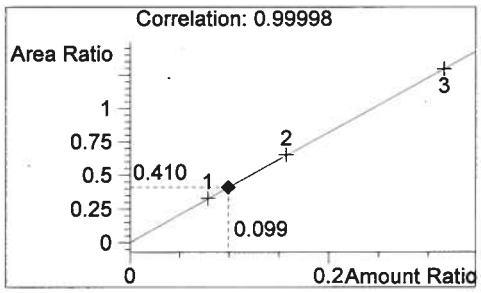
3/3/2011 4:47:28 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

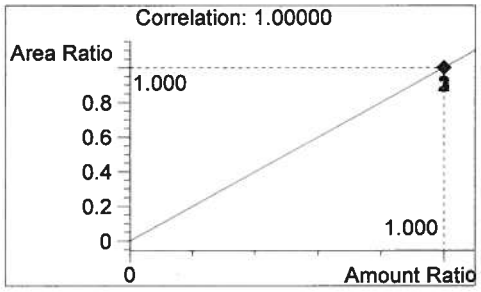
vial # 15



#	Compound	Area	RT
1	Ethanol	1178	1.041
2	n-Propanol	2874	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

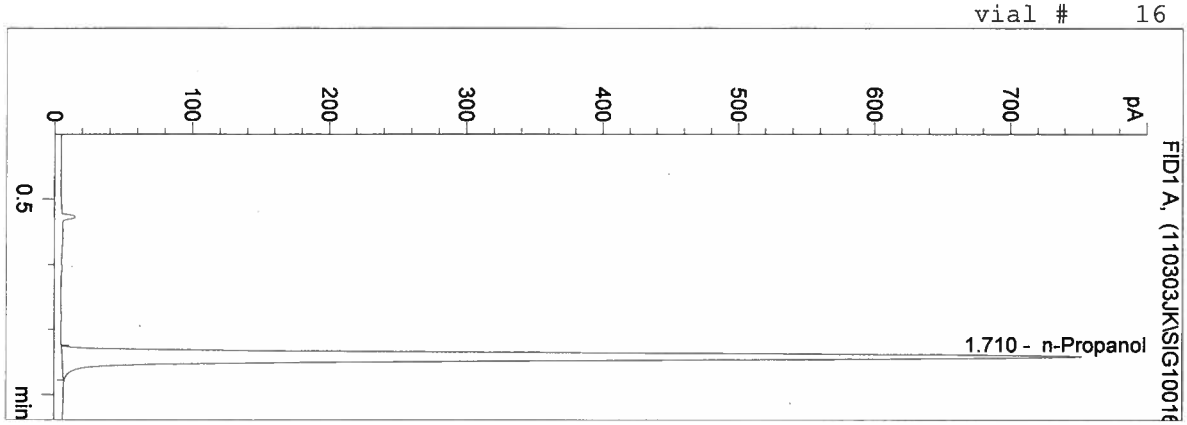
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

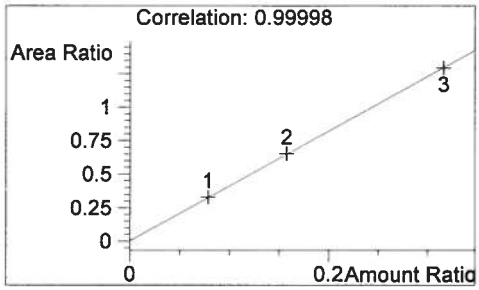
C:\HPCHEM\1\METHODS\SIMALC1.M
3/3/2011 4:50:33 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

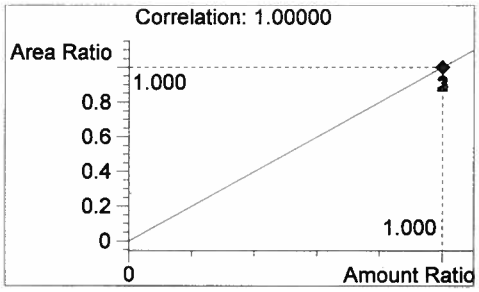
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2930	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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

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:	110304CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	11008 #1	SIMALC1	1	Sample		
11	Vial 11	11008 #2	SIMALC1	1	Sample		
12	Vial 12	11008 #3	SIMALC1	1	Sample		
13	Vial 13	11008 #4	SIMALC1	1	Sample		
14	Vial 14	11008 #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	

11008

Sequence Table (Back Injector):

No entries - empty table!

CM

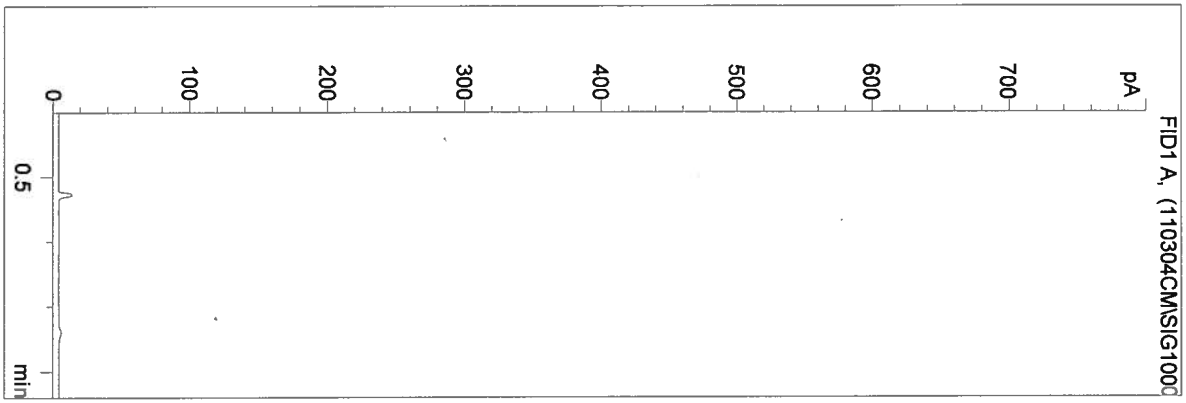
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

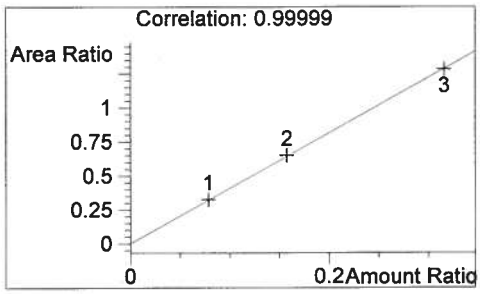
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 8:50:53 AM
Instrument 1
DB-ALC1

BLANK
Christie Mitchell

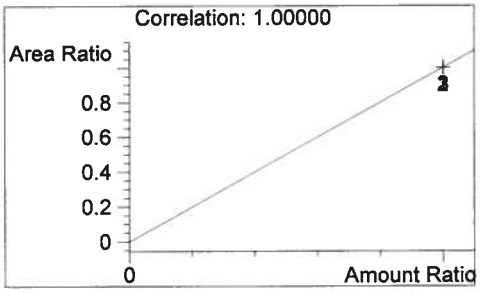
vial # 1



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



Ethanol 0.000 g/100 mL



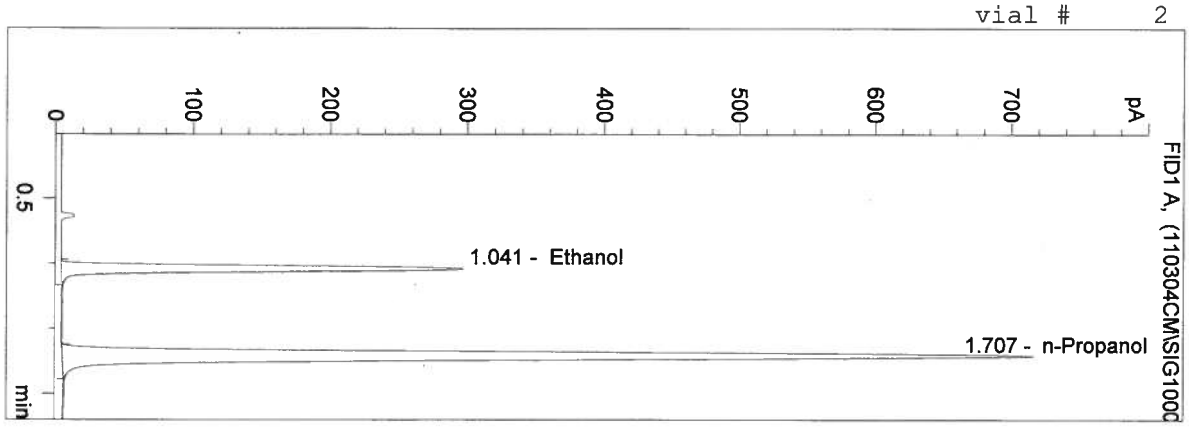
n-Propanol 0.000 g/100 mL

CM

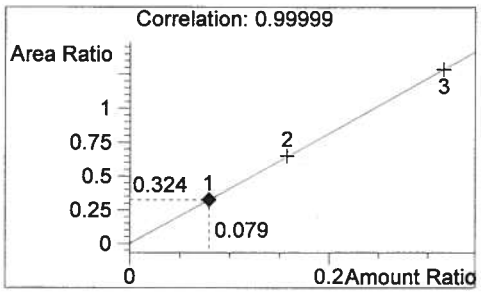
11008

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 8:53:58 AM
Instrument 1
DB-ALC1

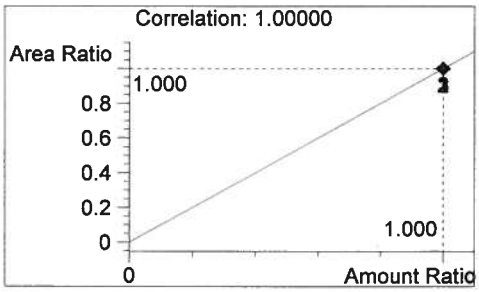
0.079 CAL 1
Christie Mitchell
vial # 2



#	Compound	Area	RT
1	Ethanol	900	1.041
2	n-Propanol	2777	1.707
Tot			



Ethanol 0.079 g/100 mL



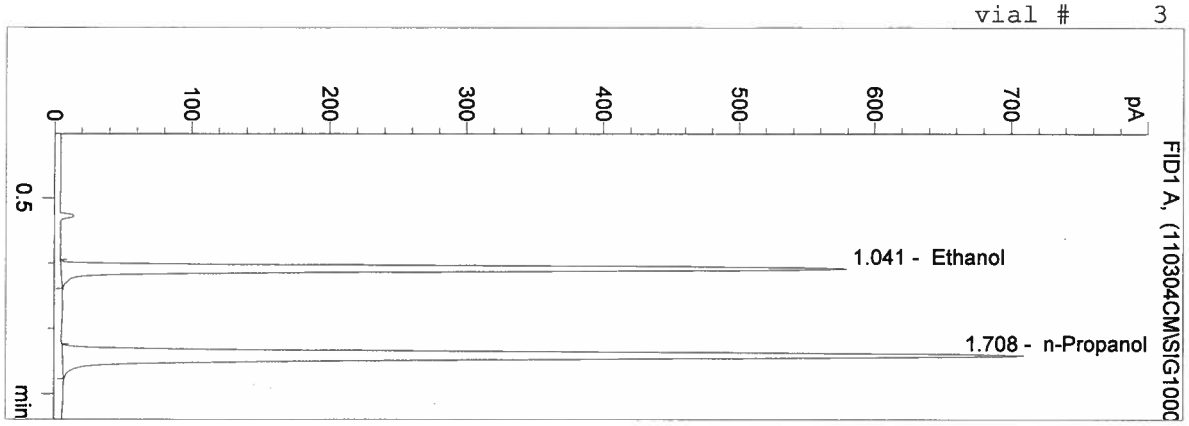
n-Propanol 1.000 g/100 mL

CM

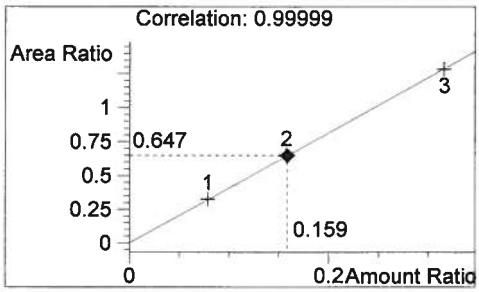
11008

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 8:57:03 AM
Instrument 1
DB-ALC1

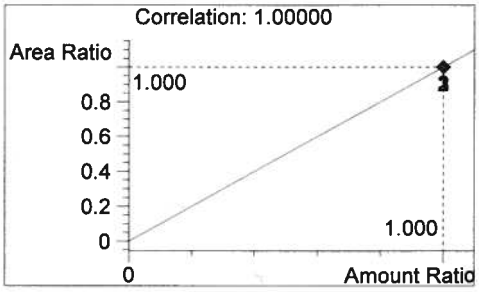
0.158 CAL 2
Christie Mitchell
vial # 3



#	Compound	Area	RT
1	Ethanol	1778	1.041
2	n-Propanol	2747	1.708
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

CM

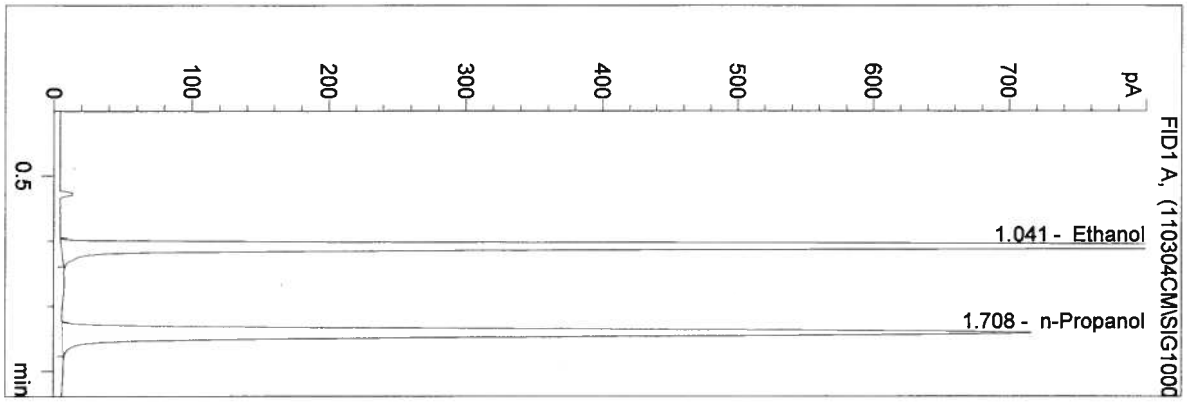
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

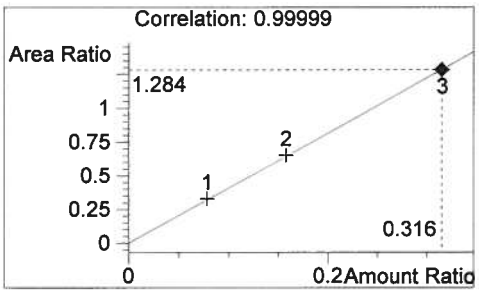
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:00:08 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Christie Mitchell

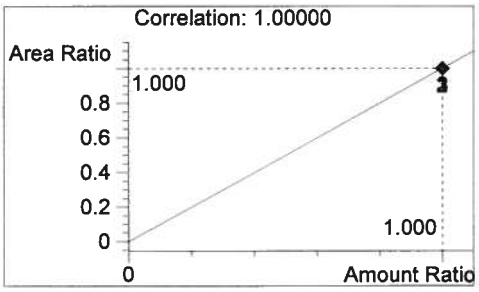
vial # 4



#	Compound	Area	RT
1	Ethanol	3563	1.041
2	n-Propanol	2774	1.708
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

CM

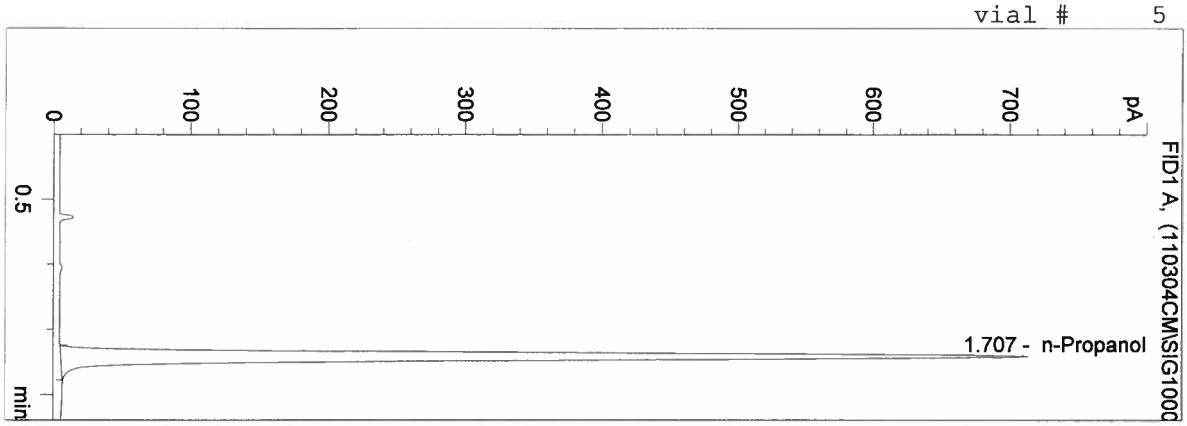
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

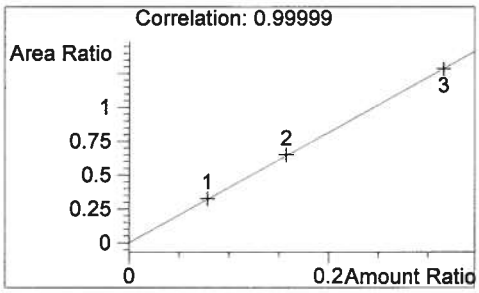
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:03:13 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

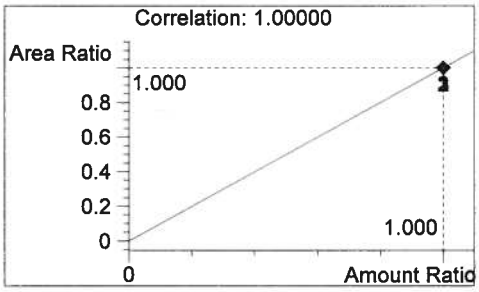
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2760	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

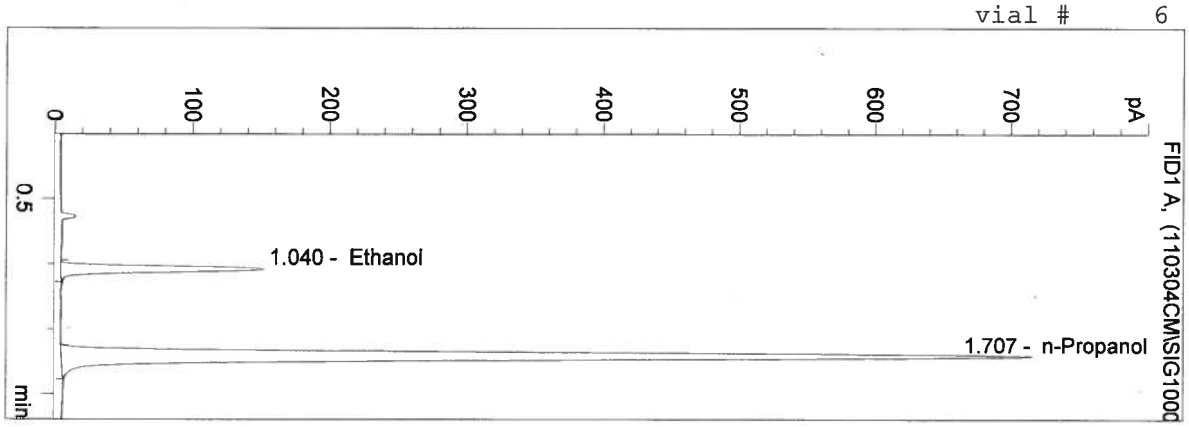
CM

11008

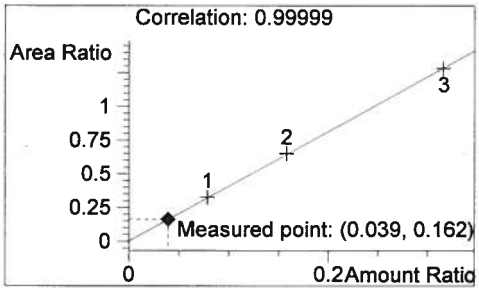
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:06:17 AM
Instrument 1
DB-ALC1

0.04 CTRL - CM
Christie Mitchell

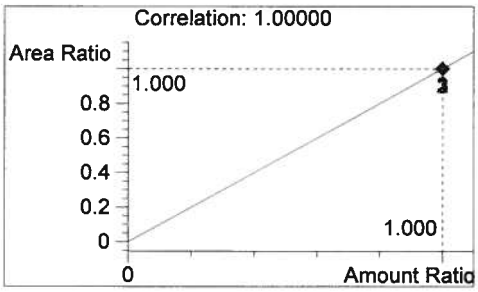
vial # 6



#	Compound	Area	RT
1	Ethanol	450	1.040
2	n-Propanol	2776	1.707
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11008

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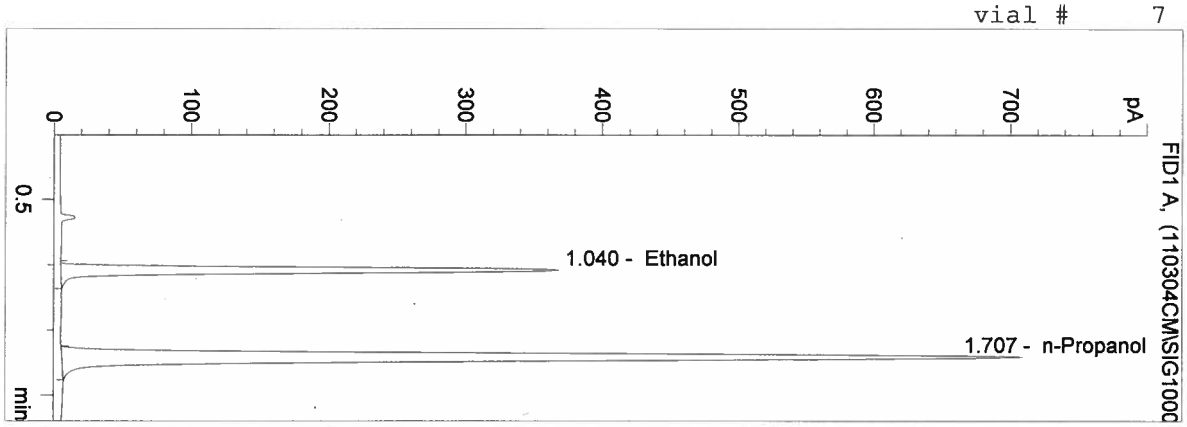
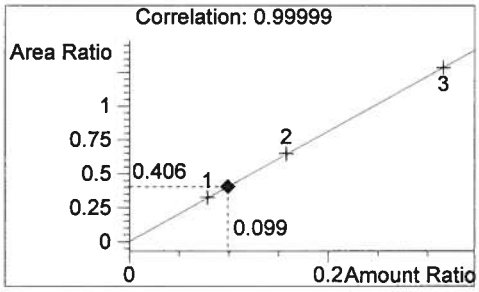
3/4/2011 9:09:22 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

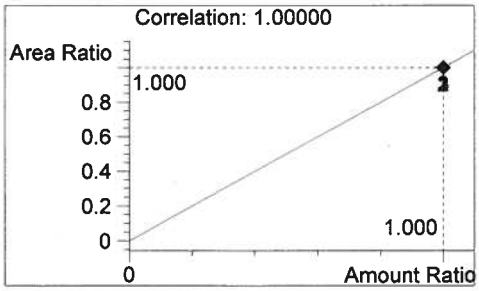
vial # 7



#	Compound	Area	RT
1	Ethanol	1112	1.040
2	n-Propanol	2741	1.707
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

CM

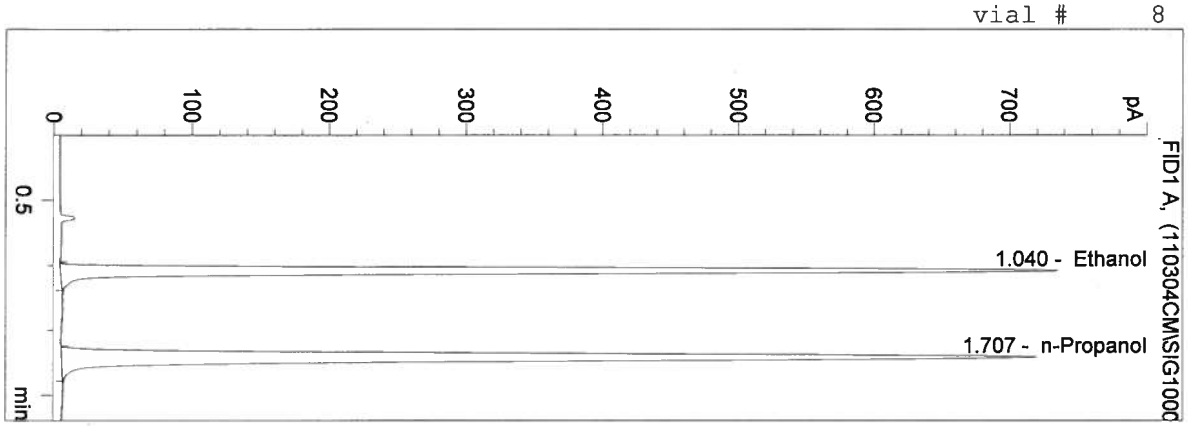
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

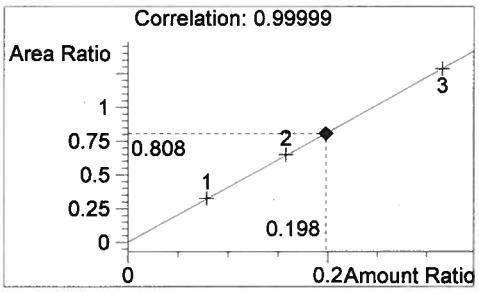
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:12:27 AM
Instrument 1
DB-ALC1

0.20 CTRL - CM
Christie Mitchell

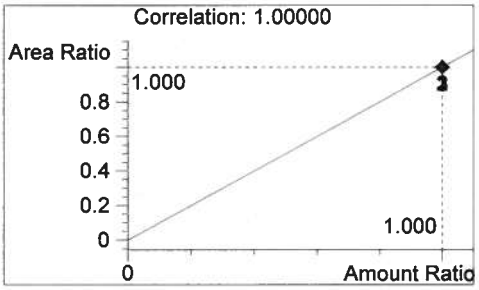
vial # 8



#	Compound	Area	RT
1	Ethanol	2247	1.040
2	n-Propanol	2783	1.707
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

CM

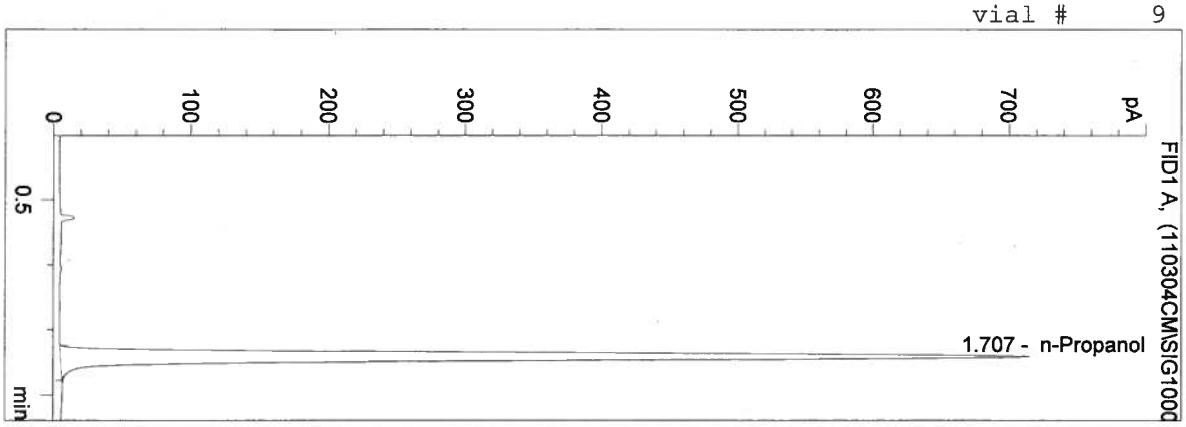
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

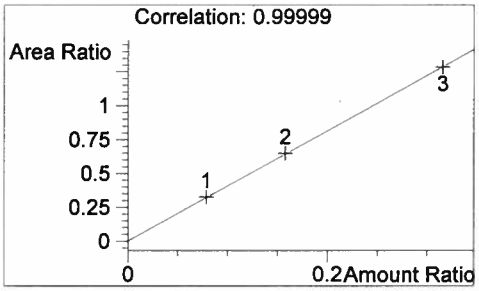
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:15:32 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

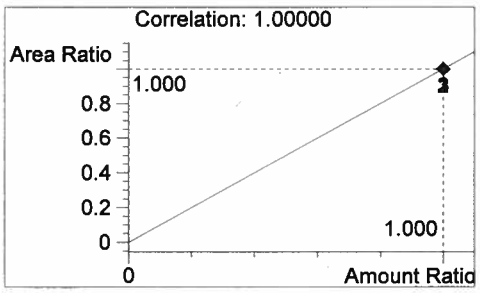
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2762	1.707
Tot			



Ethanol 0.000 g/100 mL



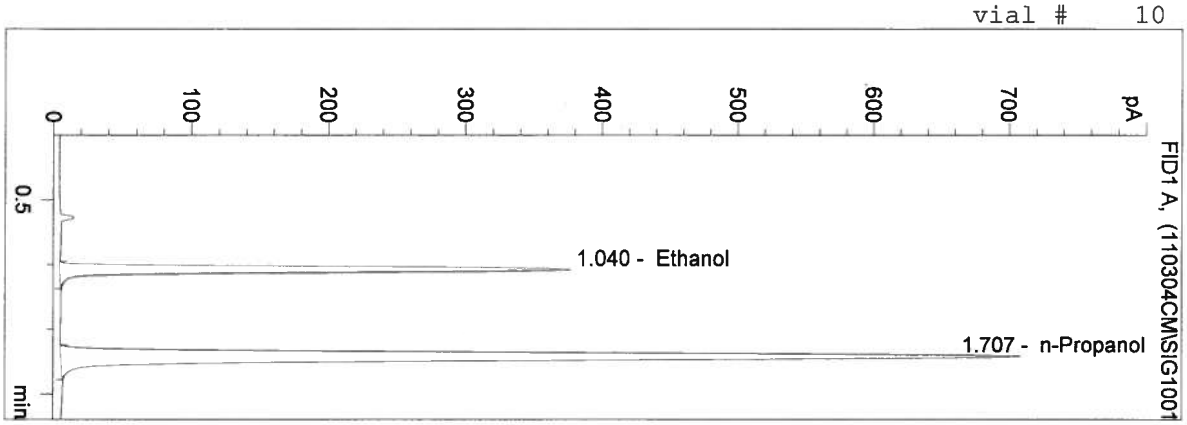
n-Propanol 1.000 g/100 mL

CM

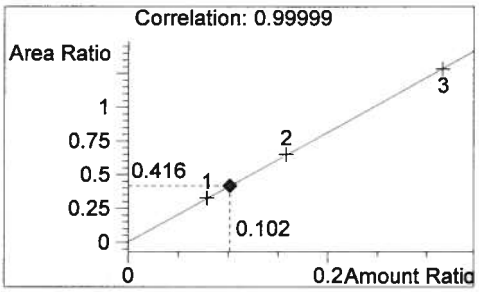
11008

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:18:36 AM 11008 #1
Instrument 1 Christie Mitchell
DB-ALC1

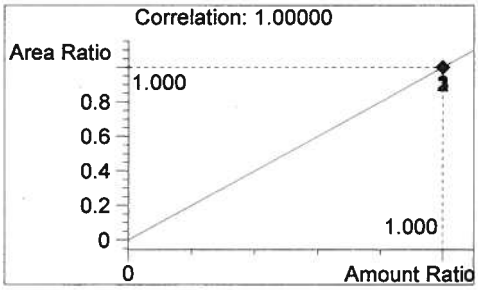
vial # 10



#	Compound	Area	RT
1	Ethanol	1140	1.040
2	n-Propanol	2739	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

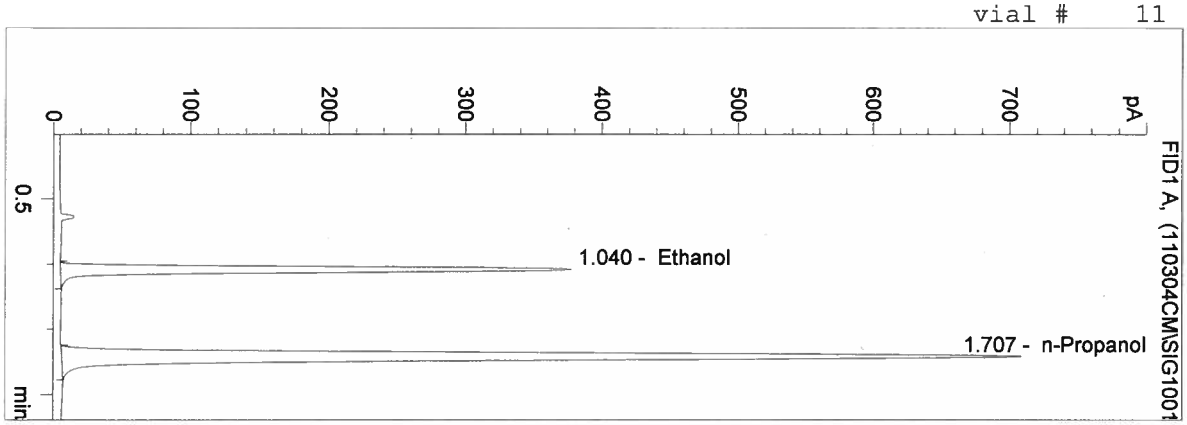
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

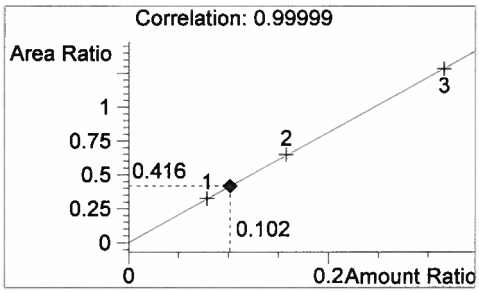
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:21:41 AM
Instrument 1
DB-ALC1

11008 #2
Christie Mitchell

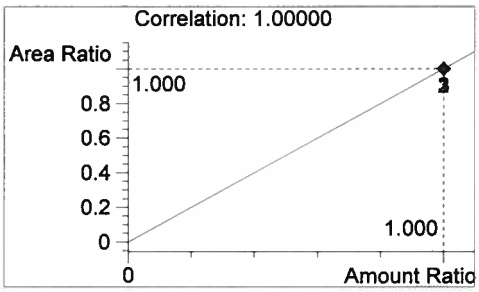
vial # 11



#	Compound	Area	RT
1	Ethanol	1134	1.040
2	n-Propanol	2728	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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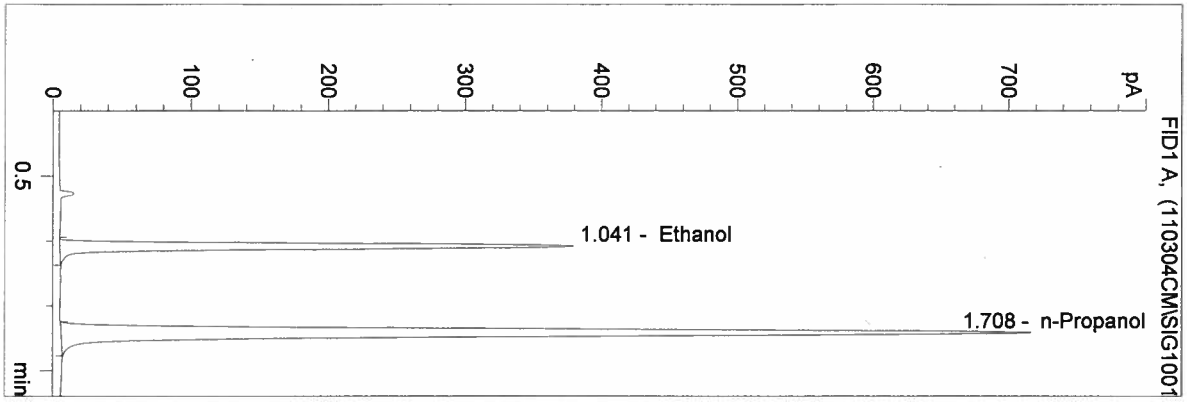
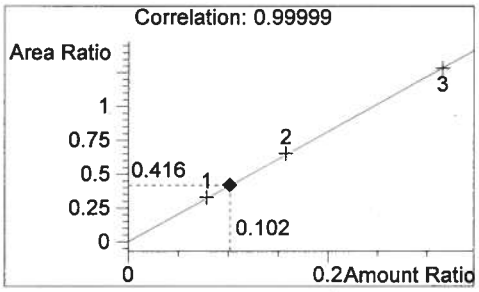
3/4/2011 9:24:46 AM
Instrument 1
DB-ALC1

11008 #3
Christie Mitchell

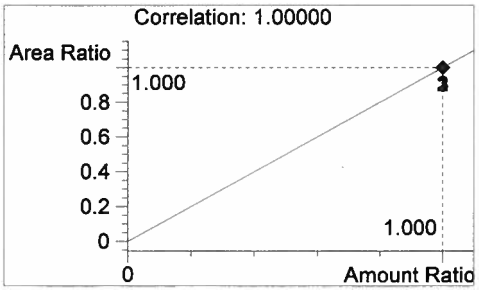
vial # 12



#	Compound	Area	RT
1	Ethanol	1153	1.041
2	n-Propanol	2771	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

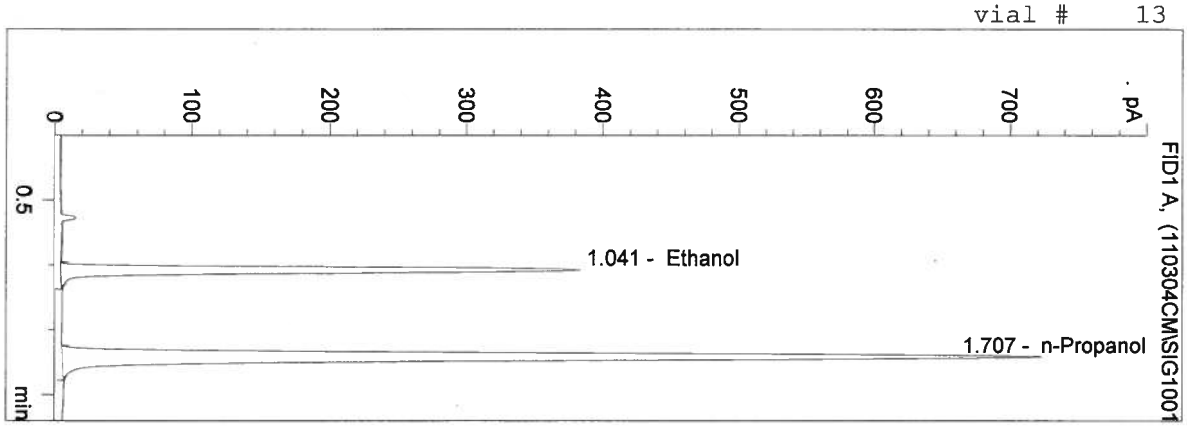
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

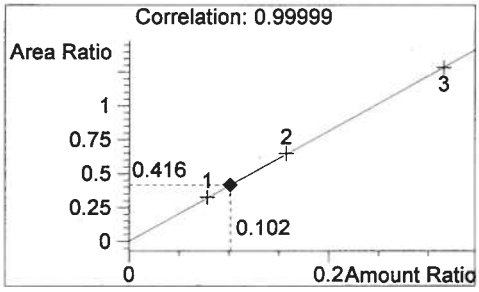
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:27:51 AM
Instrument 1
DB-ALC1

11008 #4
Christie Mitchell

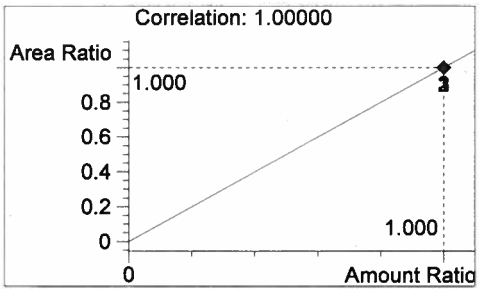
vial # 13



#	Compound	Area	RT
1	Ethanol	1164	1.041
2	n-Propanol	2799	1.707
Tot			



Ethanol 0.102 g/100 mL



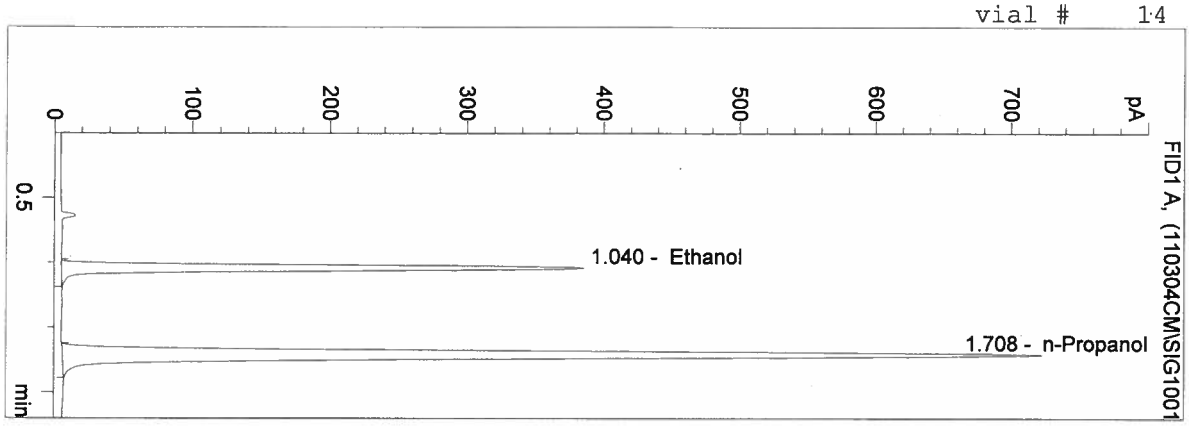
n-Propanol 1.000 g/100 mL

CM

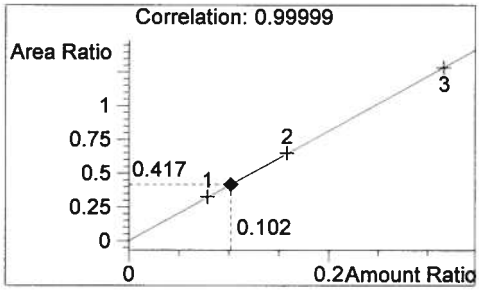
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:30:55 AM
Instrument 1
DB-ALC1

11008 #5
Christie Mitchell

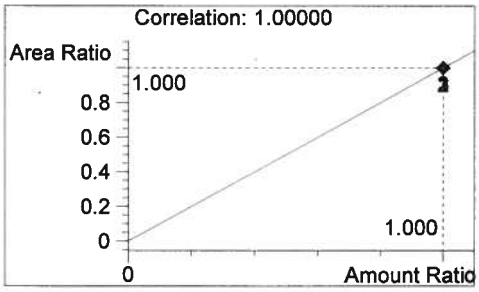
vial # 14



#	Compound	Area	RT
1	Ethanol	1165	1.040
2	n-Propanol	2790	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

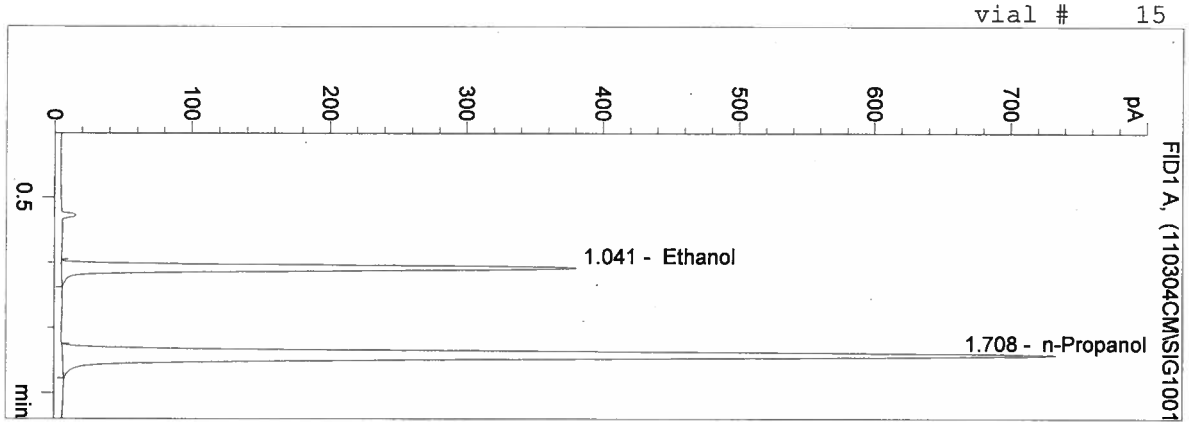
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

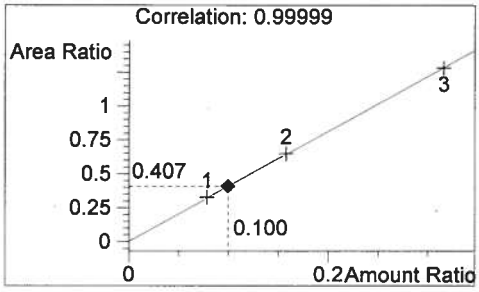
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:34:00 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

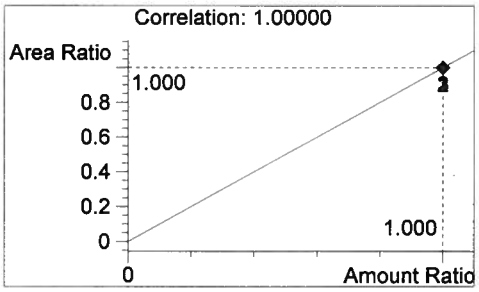
vial # 15



#	Compound	Area	RT
1	Ethanol	1156	1.041
2	n-Propanol	2837	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

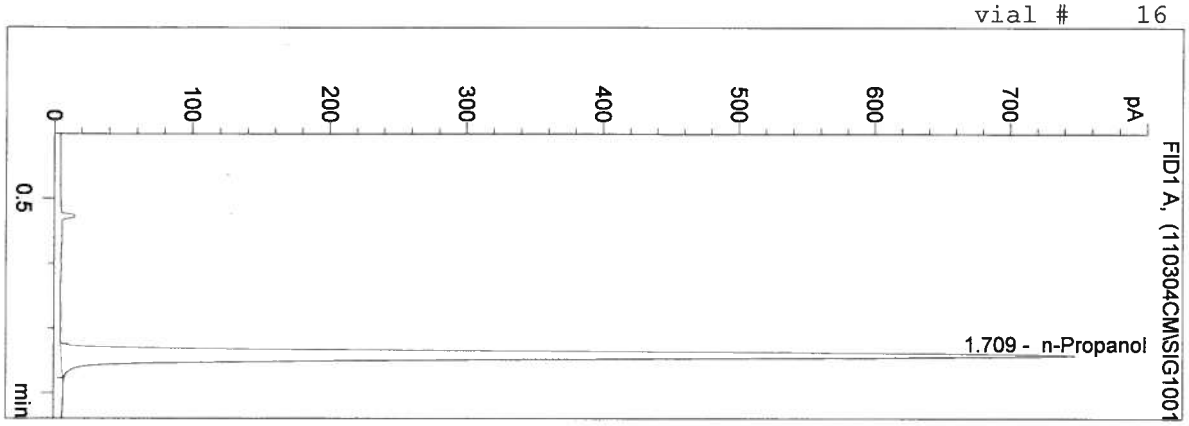
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

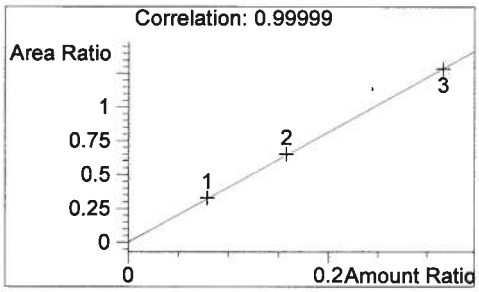
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 9:37:05 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

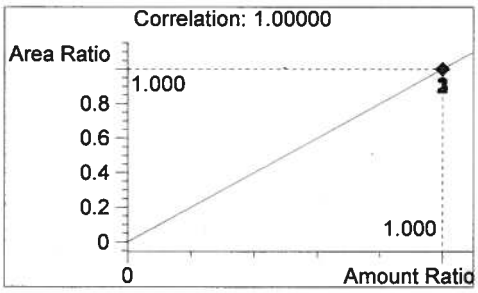
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2918	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11008

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

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110304RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

RF

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	11008 #1	SIMALC1	1	Sample		
11	Vial 11	11008 #2	SIMALC1	1	Sample		
12	Vial 12	11008 #3	SIMALC1	1	Sample		
13	Vial 13	11008 #4	SIMALC1	1	Sample		
14	Vial 14	11008 #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	

11008

Sequence Table (Back Injector):

No entries - empty table!

RF

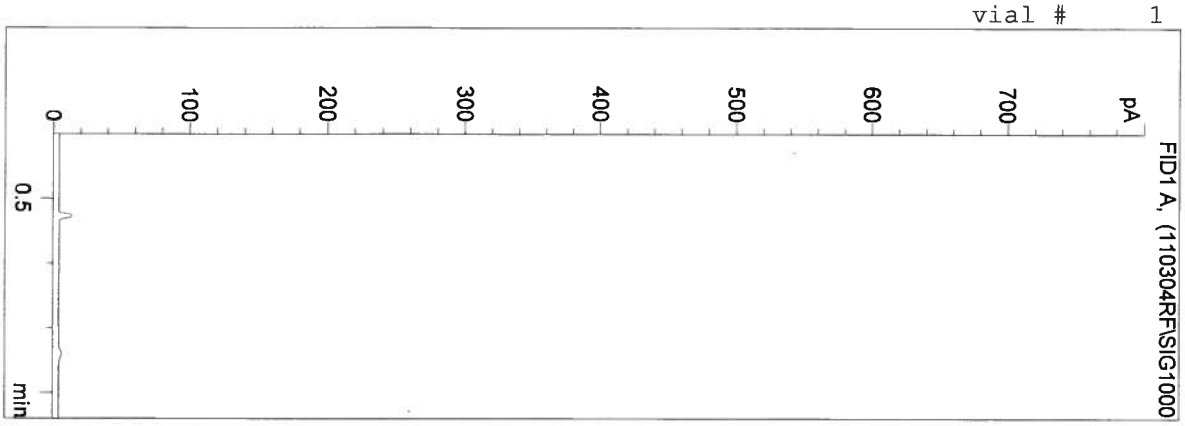
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:13:22 PM
Instrument 1
DB-ALC1

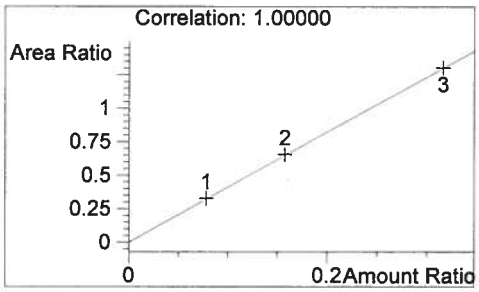
BLANK
Rebecca Flaherty

vial # 1

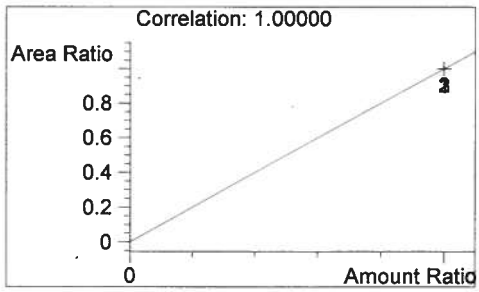


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

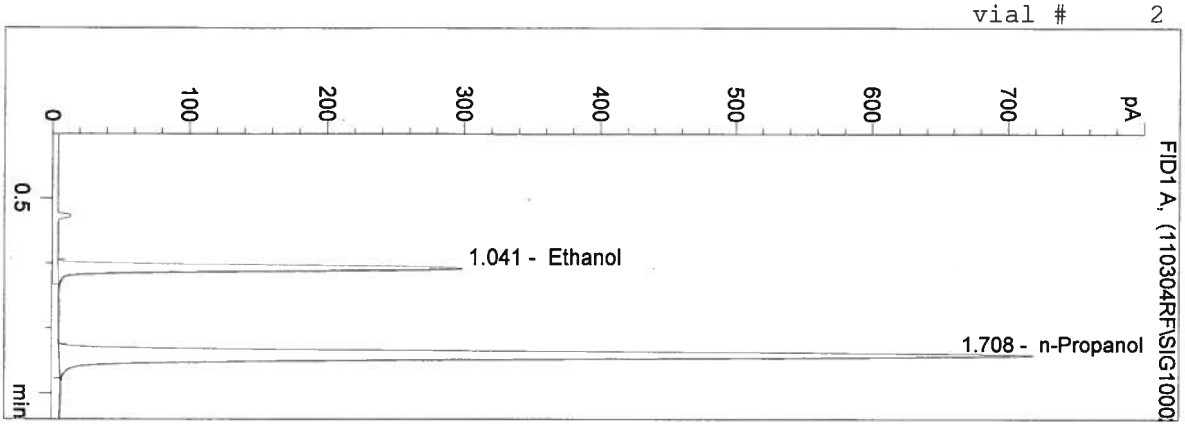
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:16:26 PM
Instrument 1
DB-ALC1

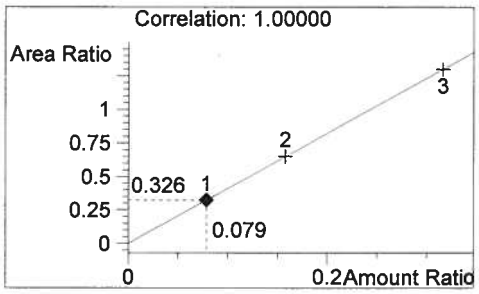
0.079 CAL 1
Rebecca Flaherty

vial # 2

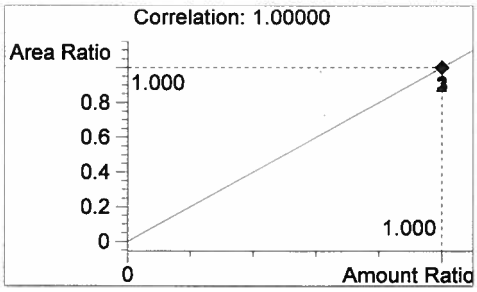


#	Compound	Area	RT
1	Ethanol	908	1.041
2	n-Propanol	2787	1.708
Tot			

RF



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

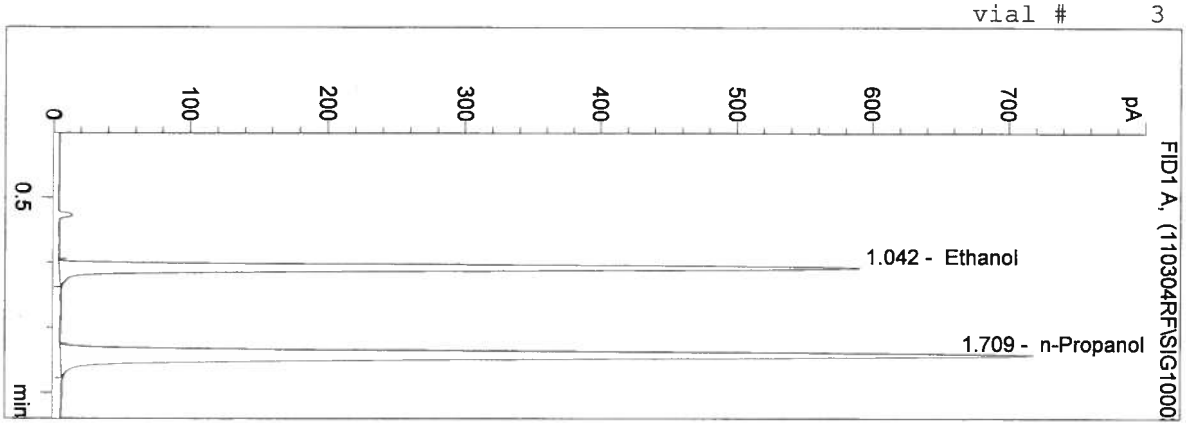
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:19:31 PM
Instrument 1
DB-ALC1

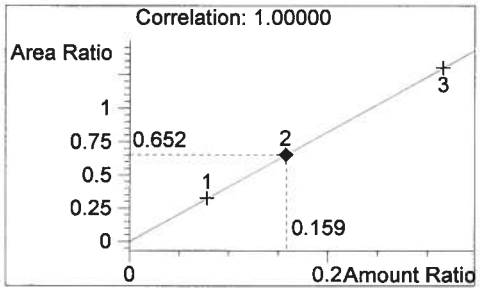
0.158 CAL 2
Rebecca Flaherty

vial # 3

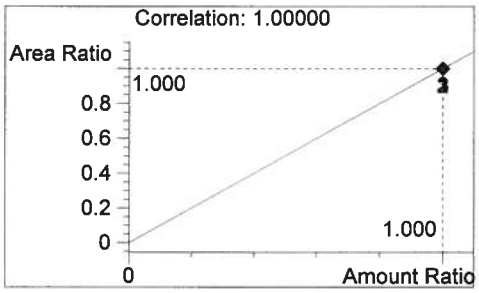


#	Compound	Area	RT
1	Ethanol	1813	1.042
2	n-Propanol	2781	1.709
Tot			

RF



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

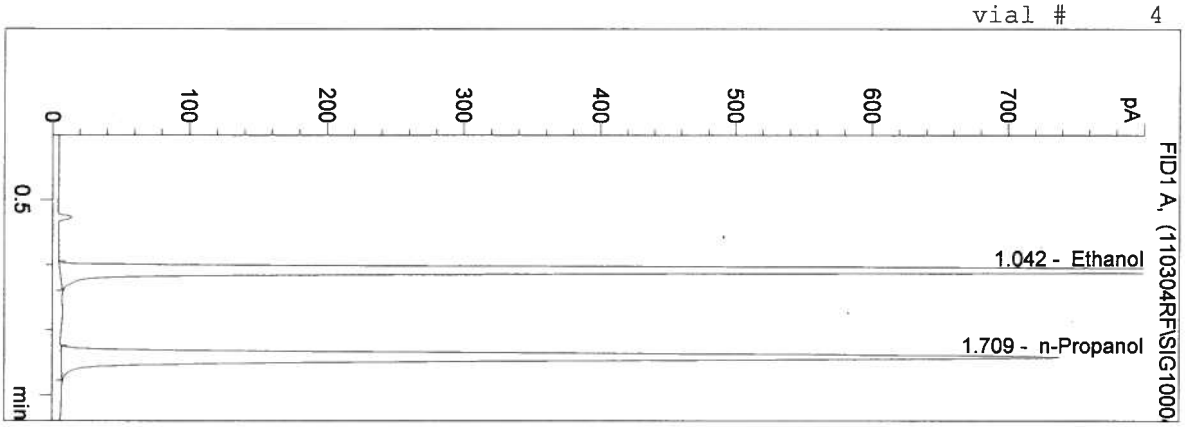
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:22:36 PM
Instrument 1
DB-ALC1

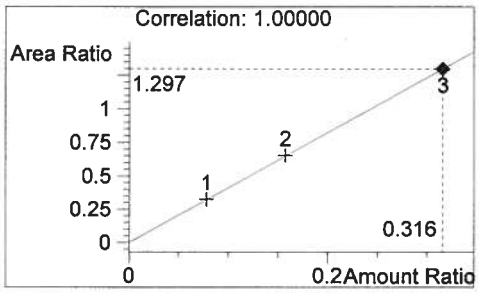
0.316 CAL 3
Rebecca Flaherty

vial # 4

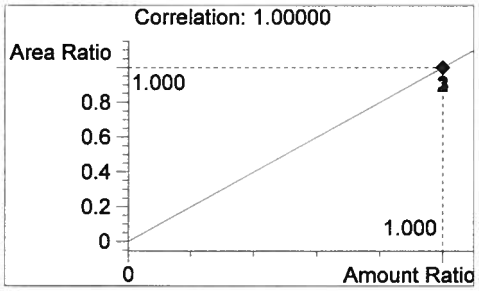


#	Compound	Area	RT
1	Ethanol	3716	1.042
2	n-Propanol	2864	1.709
Tot			

ok



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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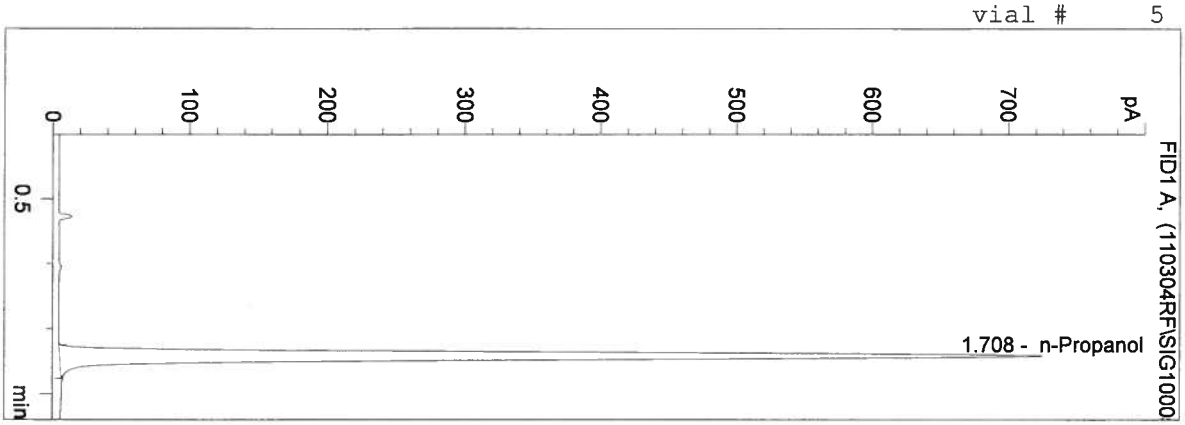
C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:25:41 PM
Instrument 1
DB-ALC1

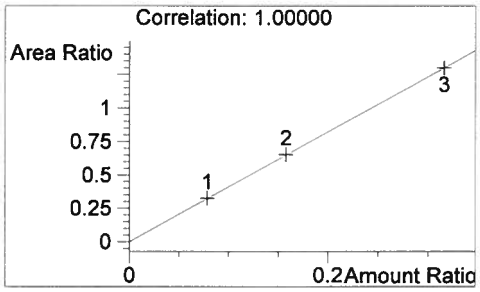
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

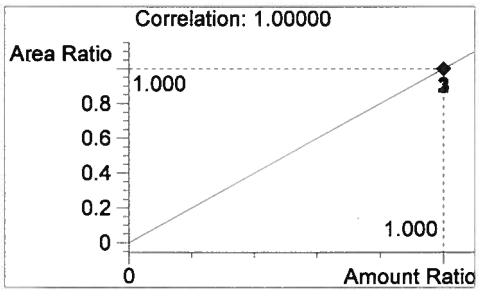


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2809	1.708
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

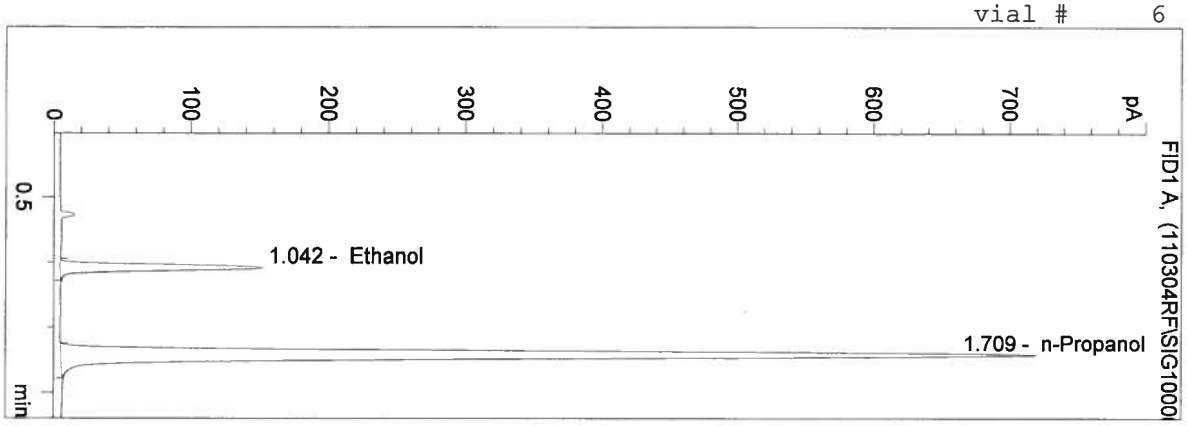
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:28:46 PM
Instrument 1
DB-ALC1

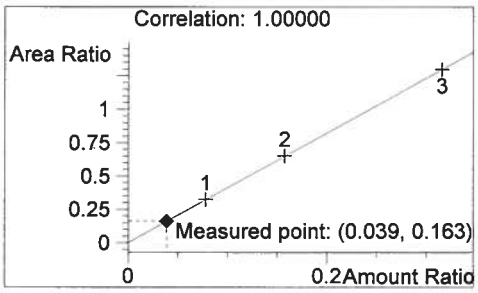
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

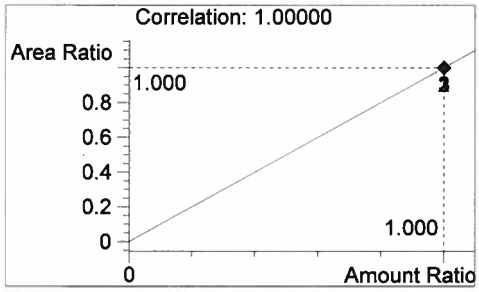


#	Compound	Area	RT
1	Ethanol	456	1.042
2	n-Propanol	2794	1.709
Tot			

RF



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

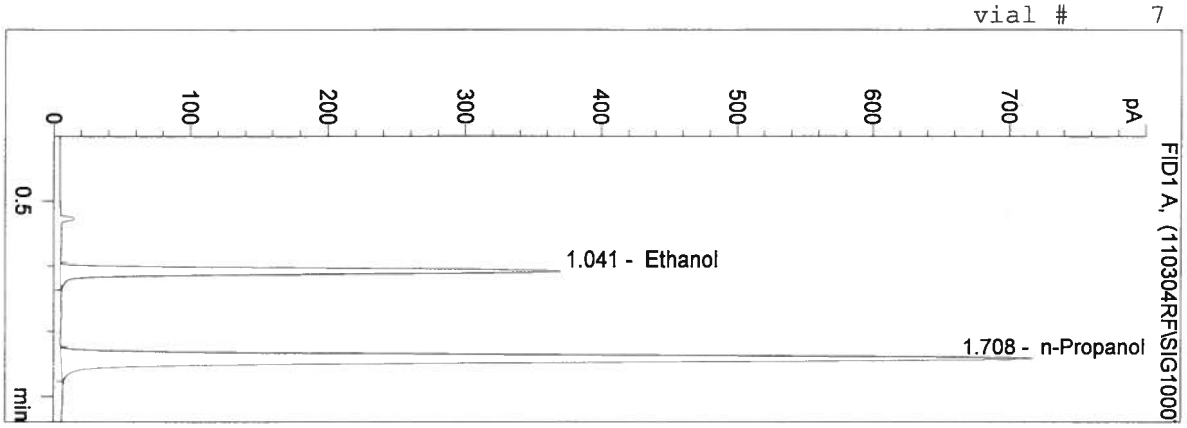
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:31:50 PM
Instrument 1
DB-ALC1

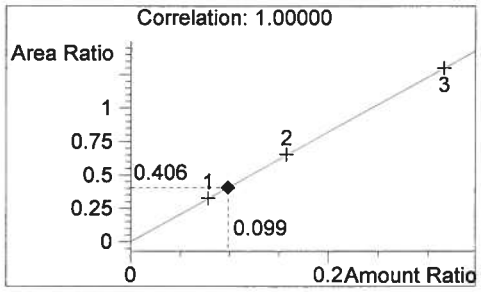
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

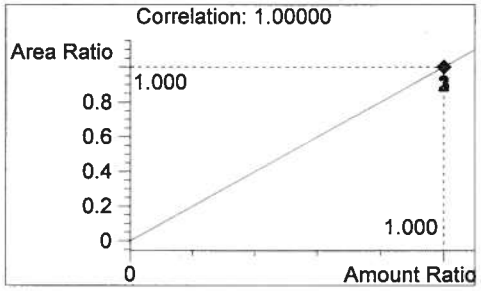


#	Compound	Area	RT
1	Ethanol	1129	1.041
2	n-Propanol	2778	1.708
Tot			

RF



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

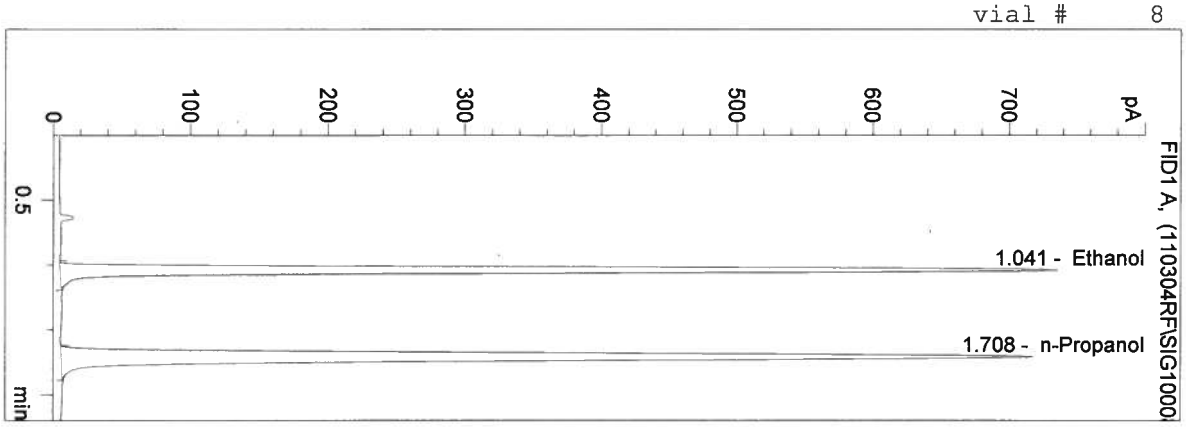
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:34:55 PM
Instrument 1
DB-ALC1

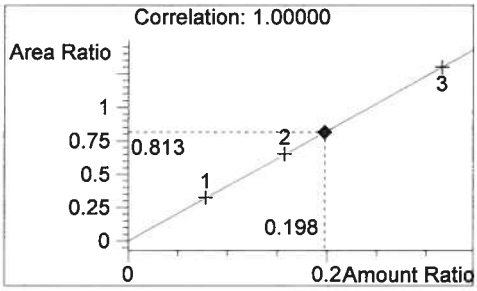
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

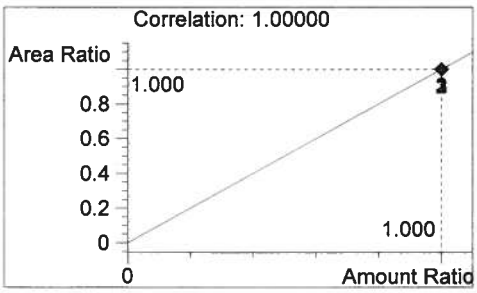


#	Compound	Area	RT
1	Ethanol	2258	1.041
2	n-Propanol	2777	1.708
Tot			

RF



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

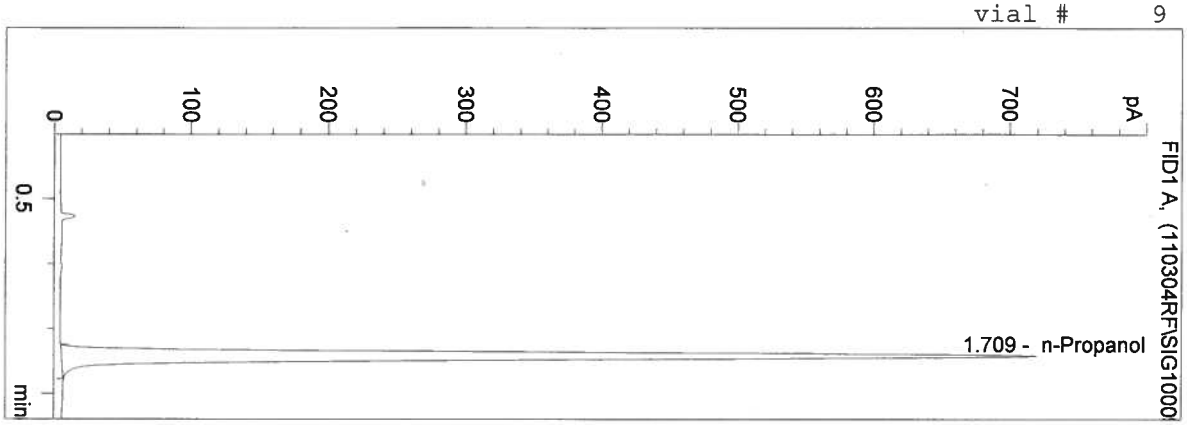
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:38:00 PM
Instrument 1
DB-ALC1

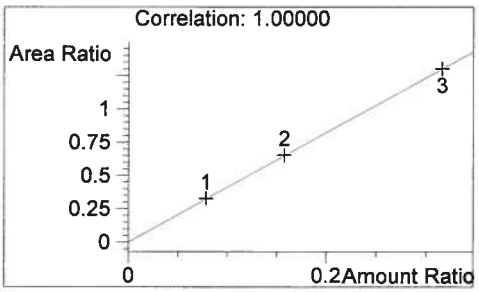
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

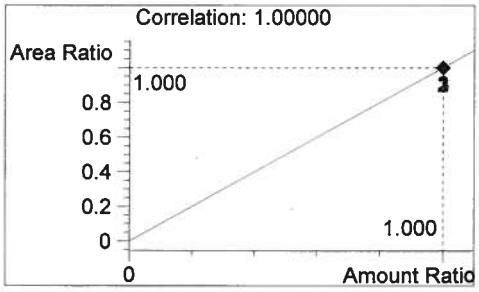


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2791	1.709
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

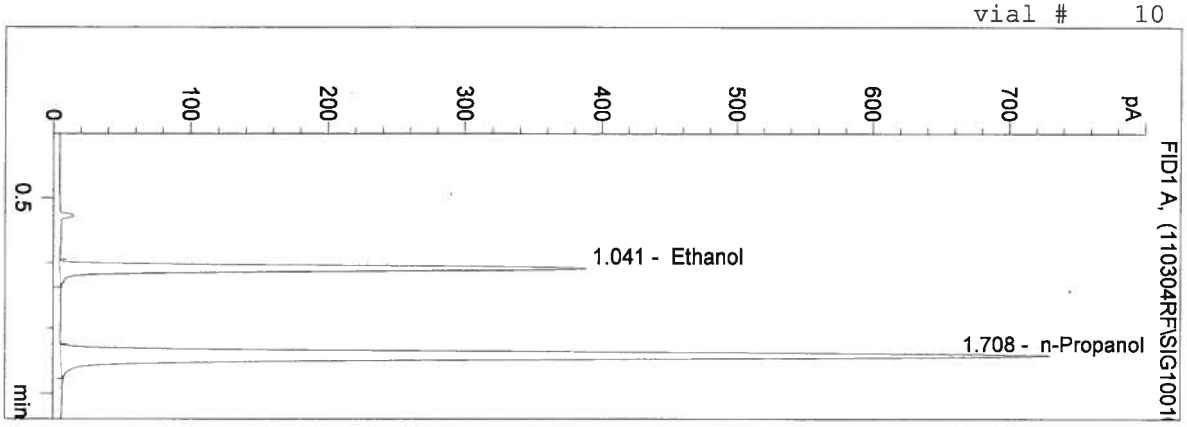
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:41:04 PM
Instrument 1
DB-ALC1

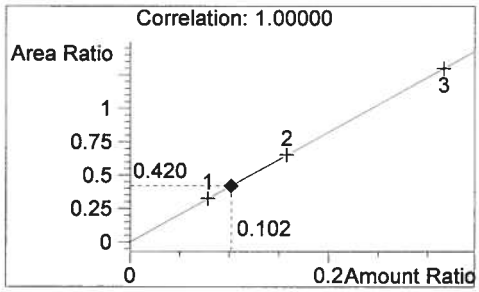
11008 #1
Rebecca Flaherty

vial # 10

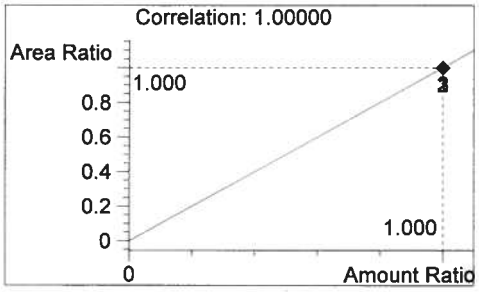


#	Compound	Area	RT
1	Ethanol	1188	1.041
2	n-Propanol	2826	1.708
Tot			

RF



Ethanol 0.102 g/100 mL



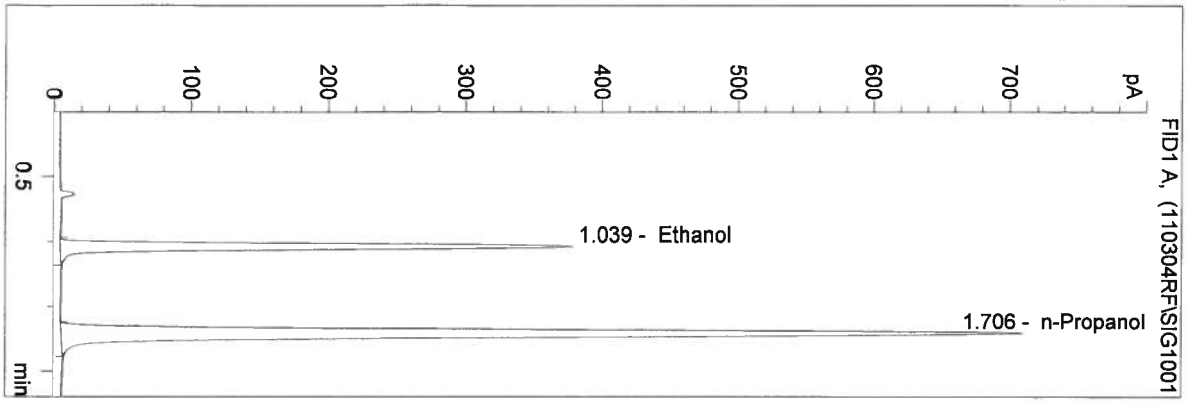
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:44:09 PM
Instrument 1
DB-ALC1

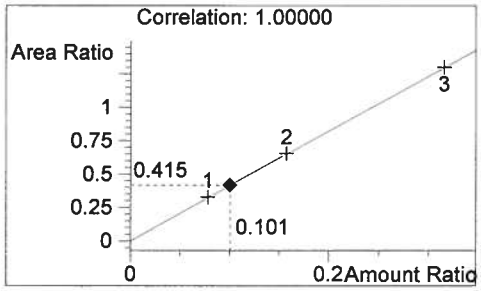
11008 #2
Rebecca Flaherty

vial # 11

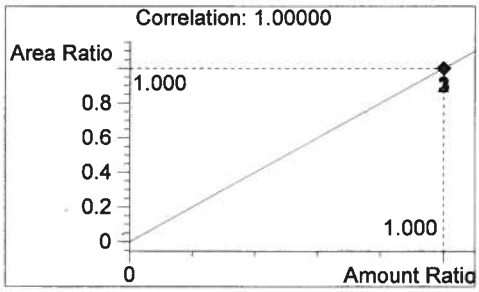


#	Compound	Area	RT
1	Ethanol	1133	1.039
2	n-Propanol	2730	1.706
Tot			

RF



Ethanol 0.101 g/100 mL



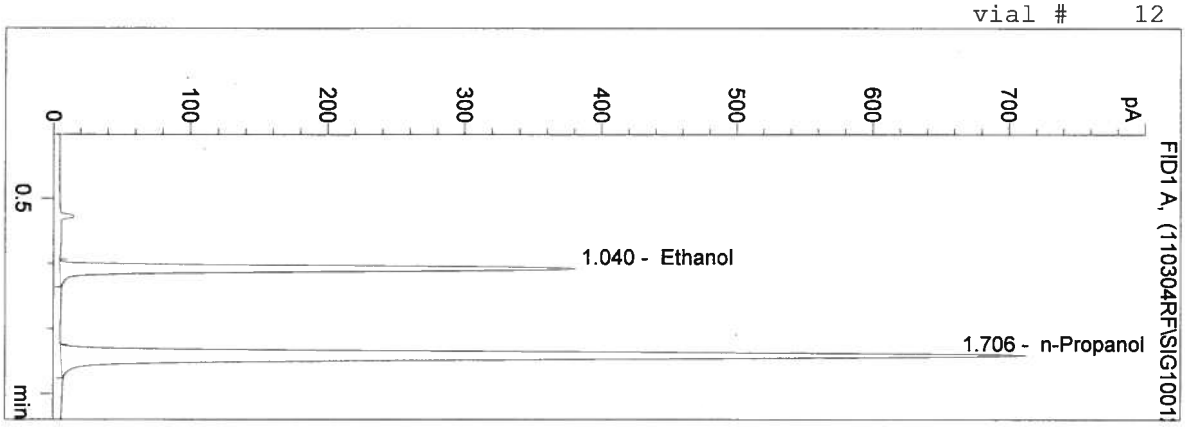
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:47:14 PM
Instrument 1
DB-ALC1

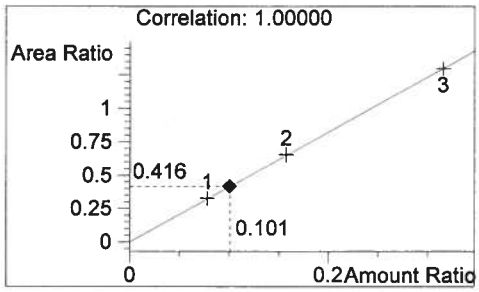
11008 #3
Rebecca Flaherty

vial # 12

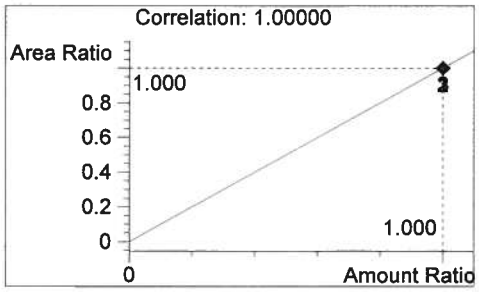


#	Compound	Area	RT
1	Ethanol	1144	1.040
2	n-Propanol	2750	1.706
Tot			

RF



Ethanol 0.101 g/100 mL



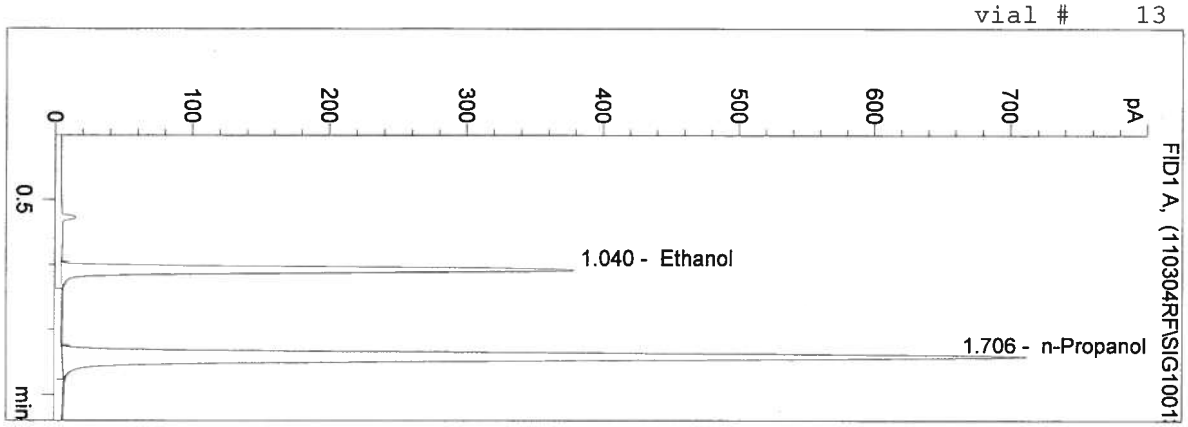
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:50:19 PM
Instrument 1
DB-ALC1

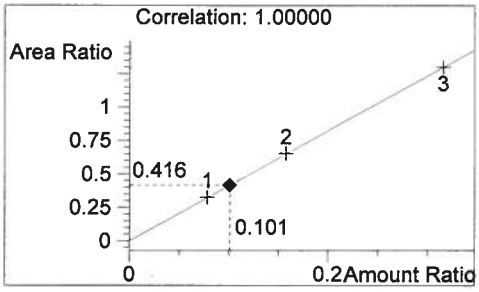
11008 #4
Rebecca Flaherty

vial # 13

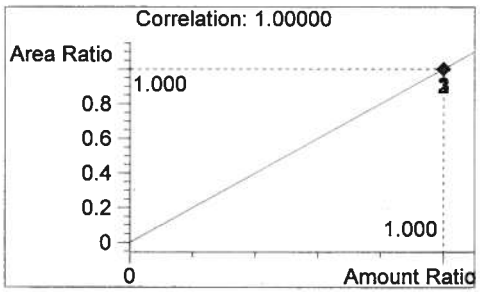


#	Compound	Area	RT
1	Ethanol	1146	1.040
2	n-Propanol	2755	1.706
Tot			

RK



Ethanol 0.101 g/100 mL



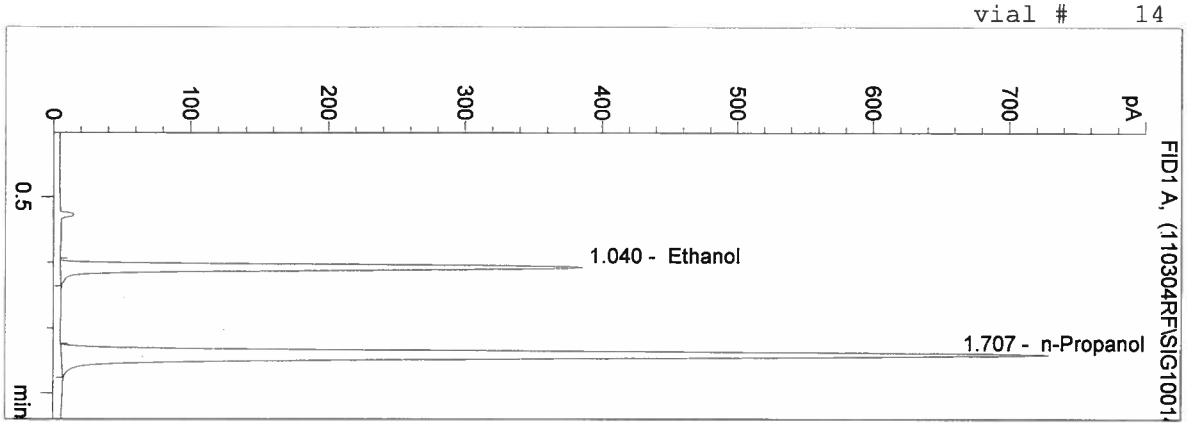
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:53:23 PM
Instrument 1
DB-ALC1

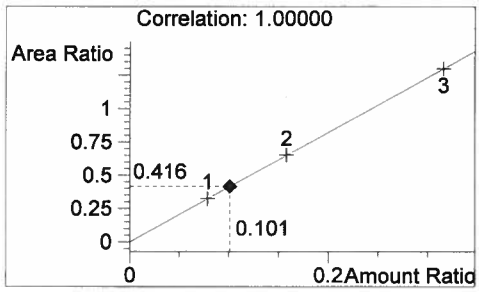
11008 #5
Rebecca Flaherty

vial # 14

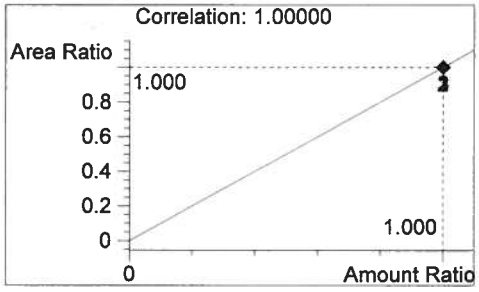


#	Compound	Area	RT
1	Ethanol	1169	1.040
2	n-Propanol	2809	1.707
Tot			

RF



Ethanol 0.101 g/100 mL



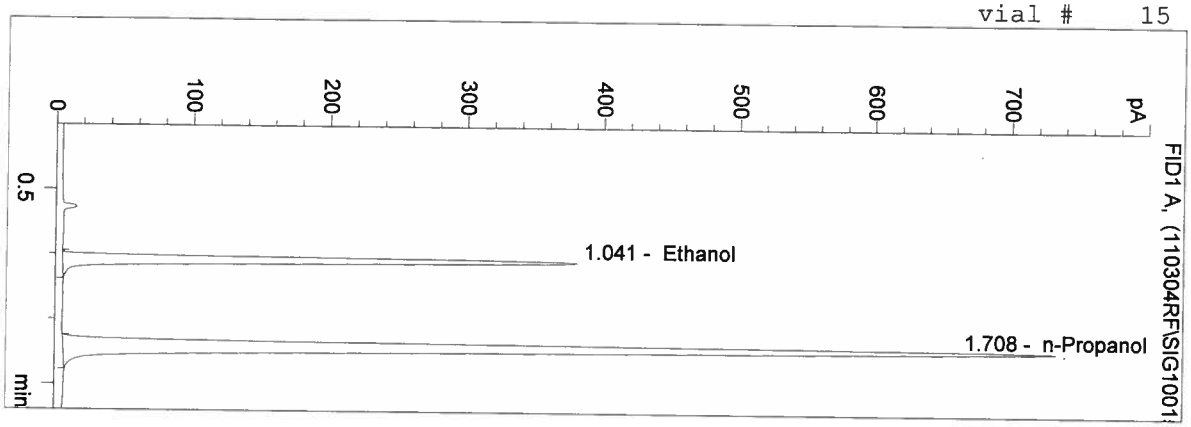
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
3/4/2011 12:56:28 PM
Instrument 1
DB-ALC1

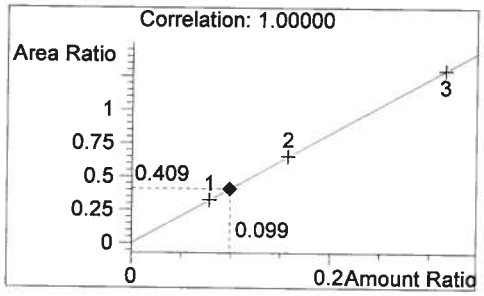
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

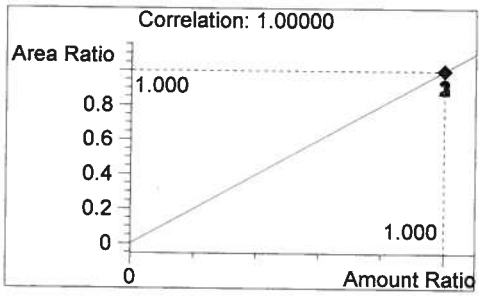


#	Compound	Area	RT
1	Ethanol	1160	1.041
2	n-Propanol	2838	1.708
Tot			

RF



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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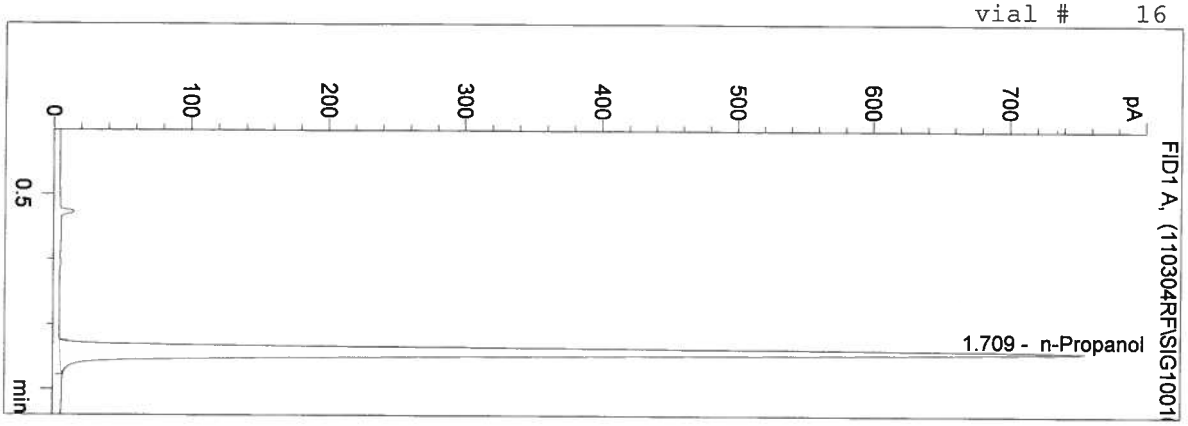
3/4/2011 12:59:33 PM
Instrument 1
DB-ALC1

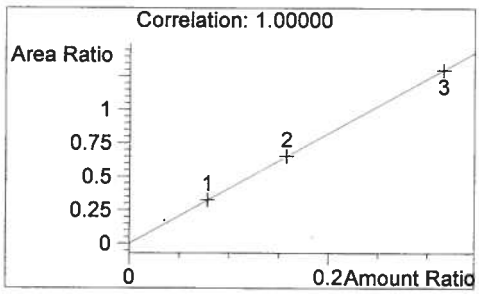
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

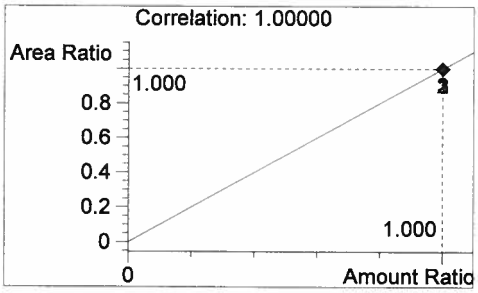


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2951	1.709
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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:	110307SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-SS	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
10	Vial 10	11008 #1	SIMALC1	1	Sample		
11	Vial 11	11008 #2	SIMALC1	1	Sample		
12	Vial 12	11008 #3	SIMALC1	1	Sample		
13	Vial 13	11008 #4	SIMALC1	1	Sample		
14	Vial 14	11008 #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	

11008

SMS

Sequence Table (Back Injector):

No entries - empty table!

11008

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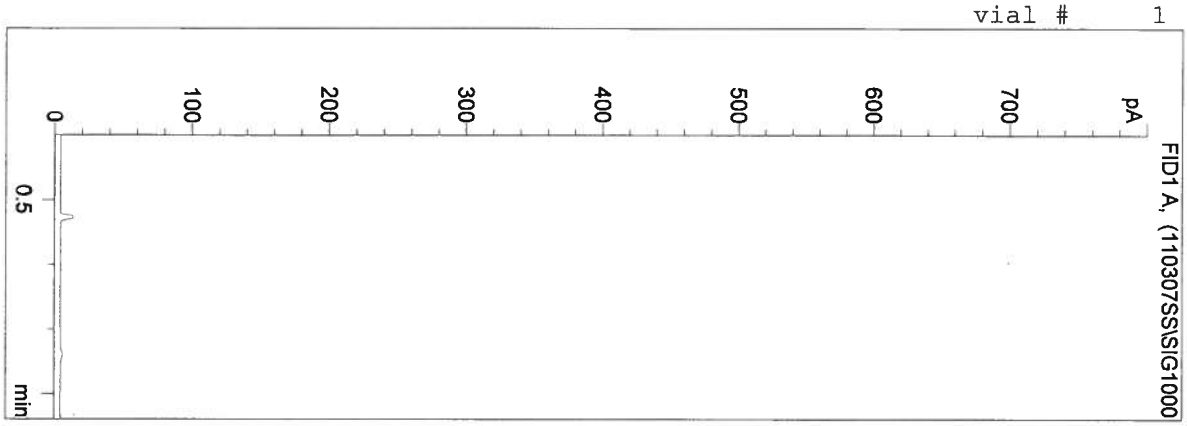
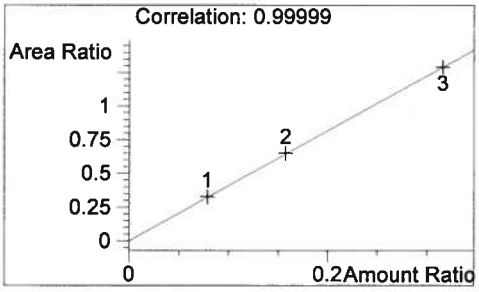
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 10:34:59 AM
Instrument 1
DB-ALC1

BLANK-SS
Sarah Swenson

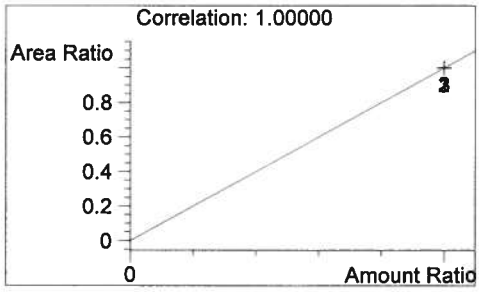
vial # 1



#	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

11008

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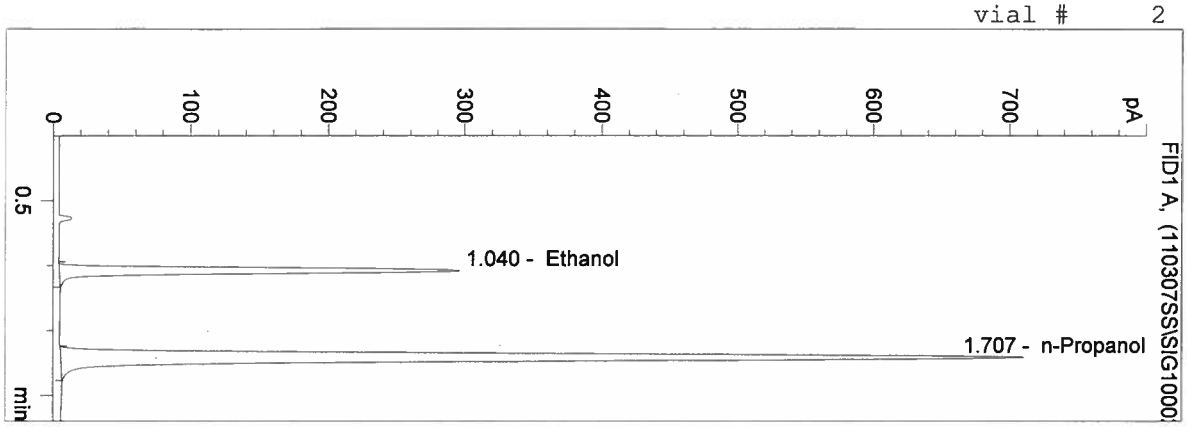
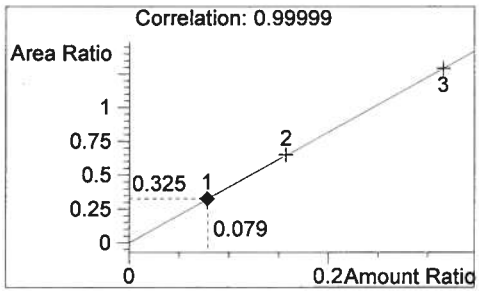
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 10:38:04 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Sarah Swenson

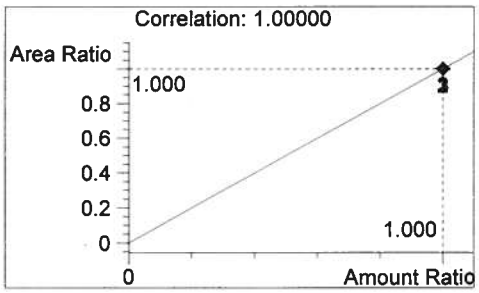
vial # 2



#	Compound	Area	RT
1	Ethanol	891	1.040
2	n-Propanol	2739	1.707
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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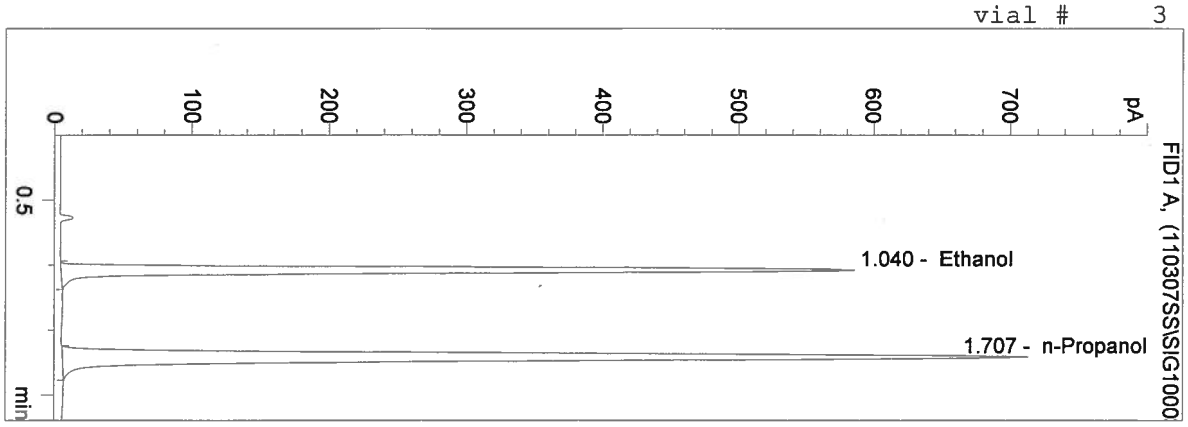
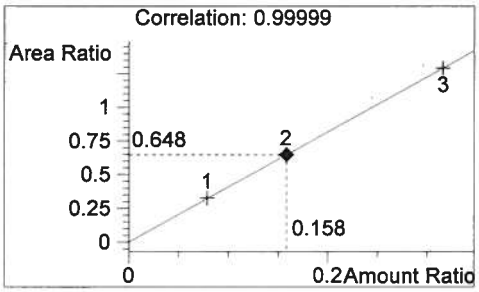
3/7/2011 10:41:09 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Sarah Swenson

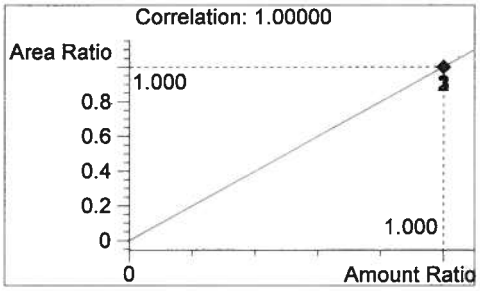
vial # 3



#	Compound	Area	RT
1	Ethanol	1783	1.040
2	n-Propanol	2751	1.707
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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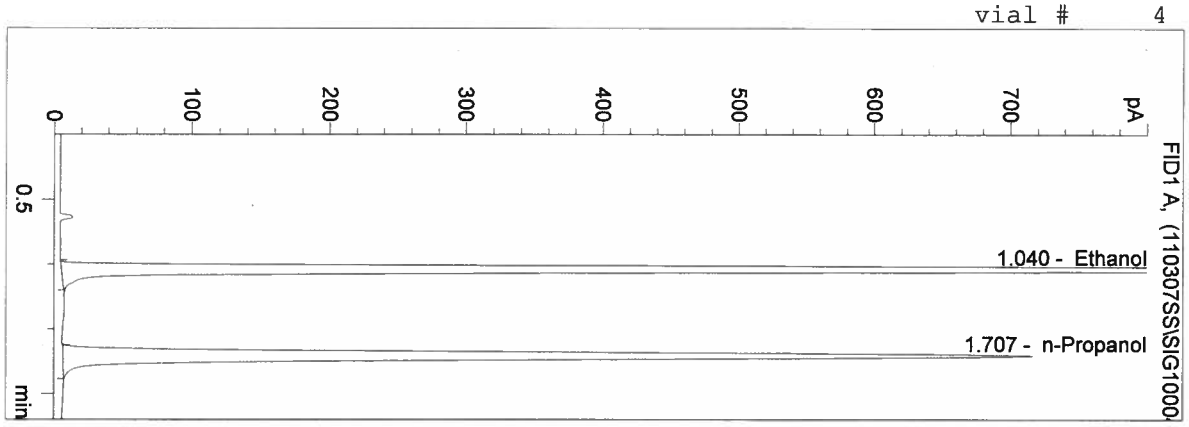
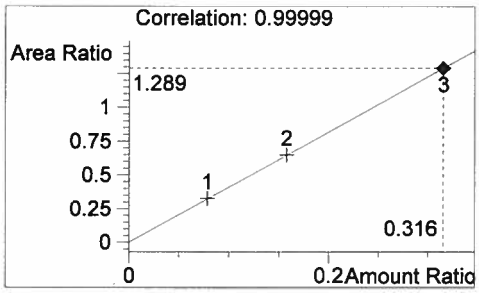
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 10:44:13 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Sarah Swenson

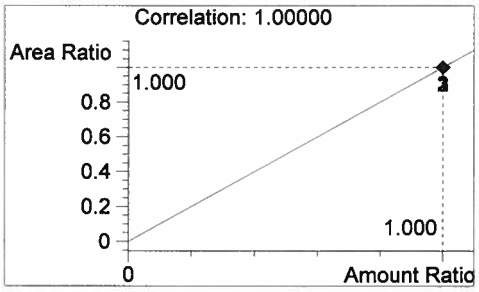
vial # 4



#	Compound	Area	RT
1	Ethanol	3553	1.040
2	n-Propanol	2756	1.707
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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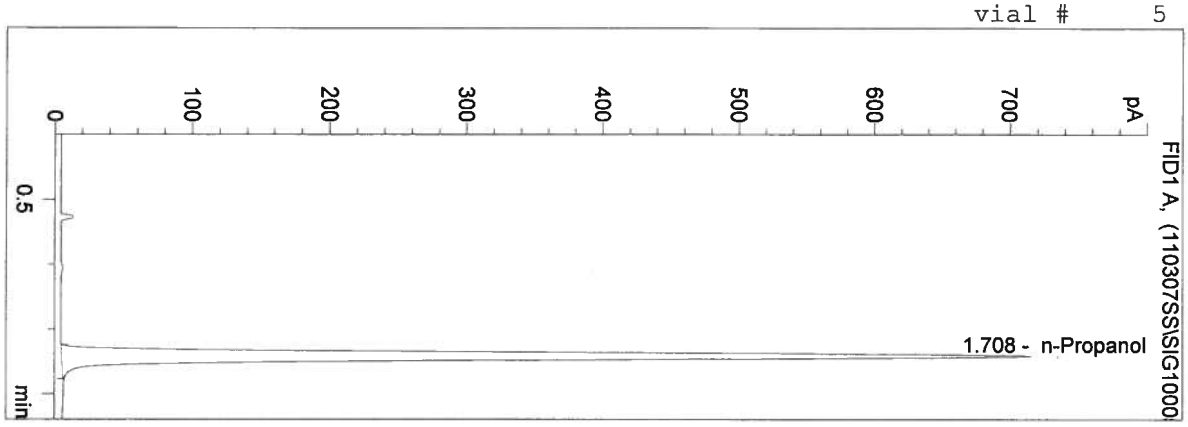
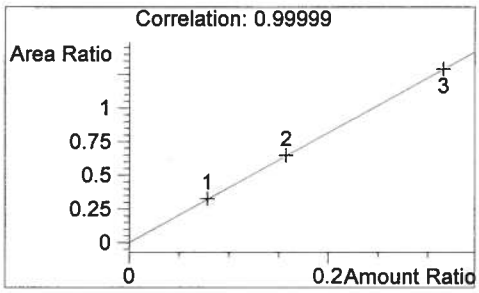
3/7/2011 10:47:18 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

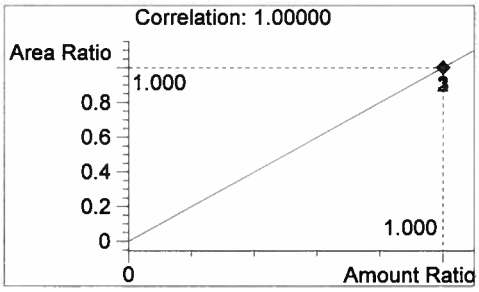
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2764	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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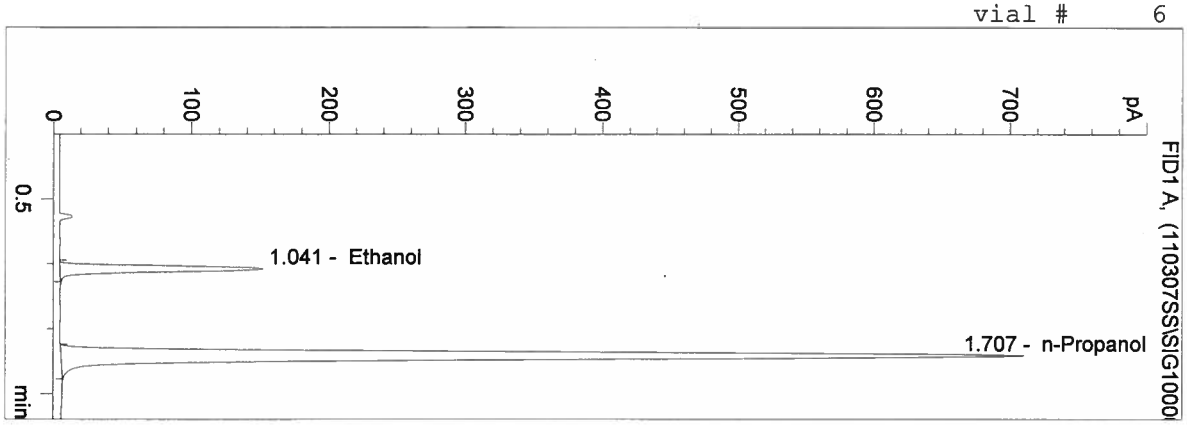
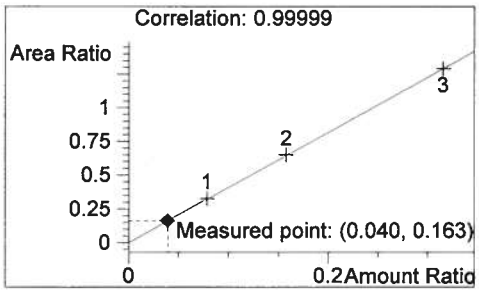
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 10:50:23 AM
Instrument 1
DB-ALC1

0.04 CTRL-SS
Sarah Swenson

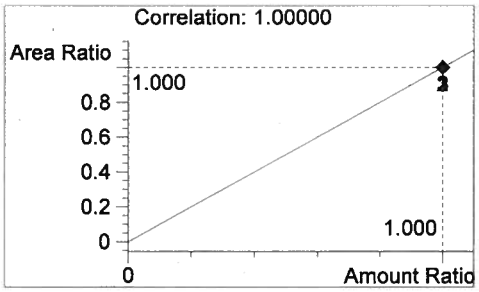
vial # 6



#	Compound	Area	RT
1	Ethanol	448	1.041
2	n-Propanol	2747	1.707
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

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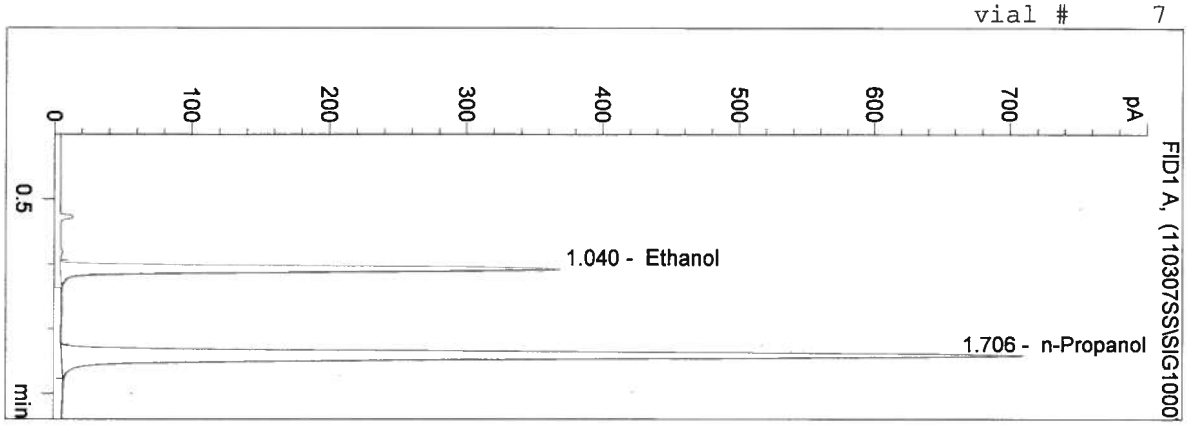
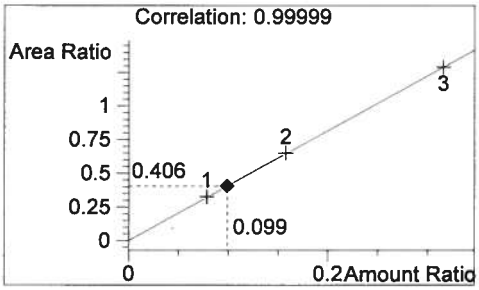
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 10:53:28 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

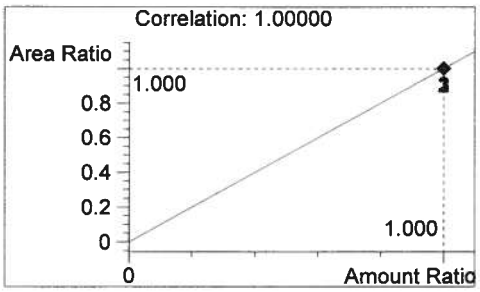
vial # 7



#	Compound	Area	RT
1	Ethanol	1112	1.040
2	n-Propanol	2738	1.706
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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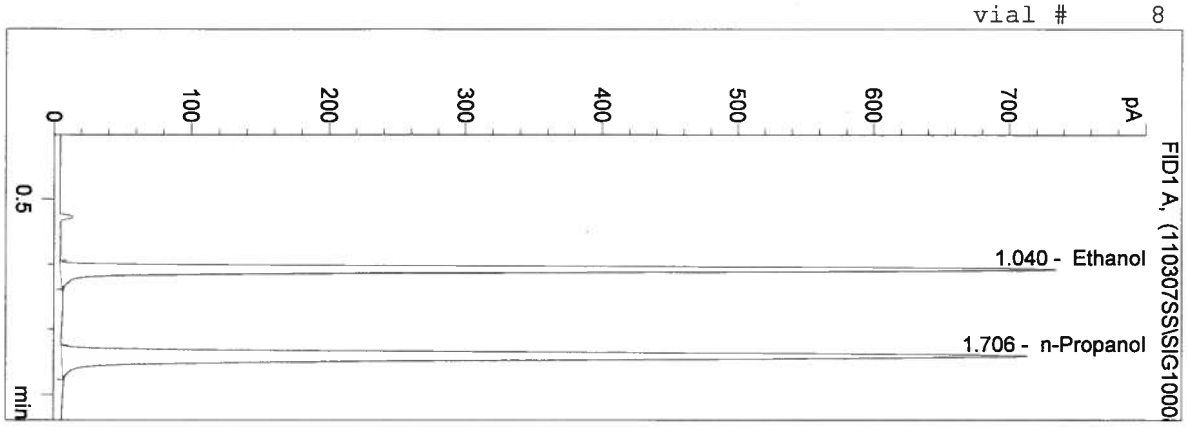
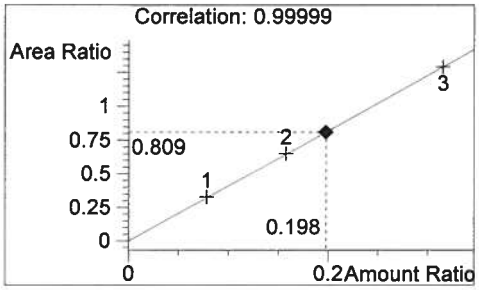
3/7/2011 10:56:33 AM
Instrument 1
DB-ALC1

0.20 CTRL-SS
Sarah Swenson

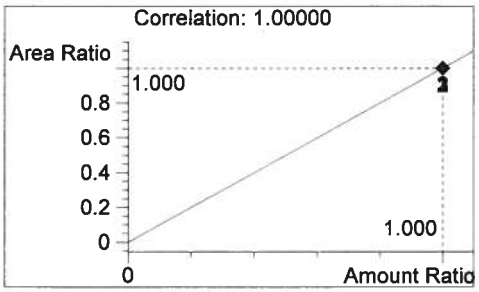
vial # 8



#	Compound	Area	RT
1	Ethanol	2221	1.040
2	n-Propanol	2746	1.706
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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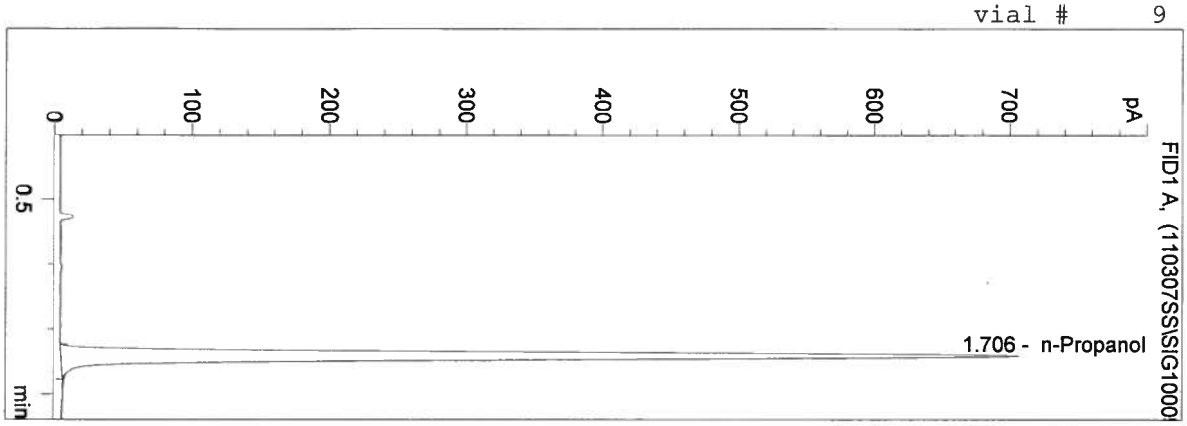
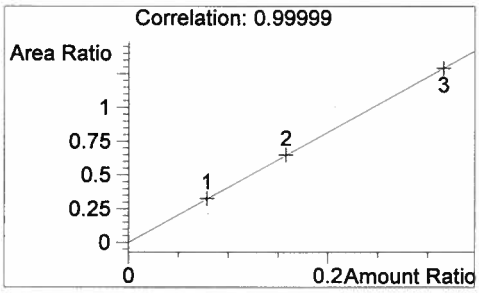
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 10:59:37 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

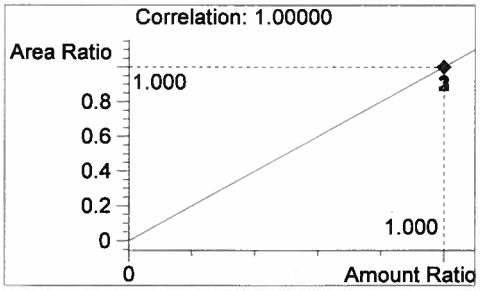
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2720	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

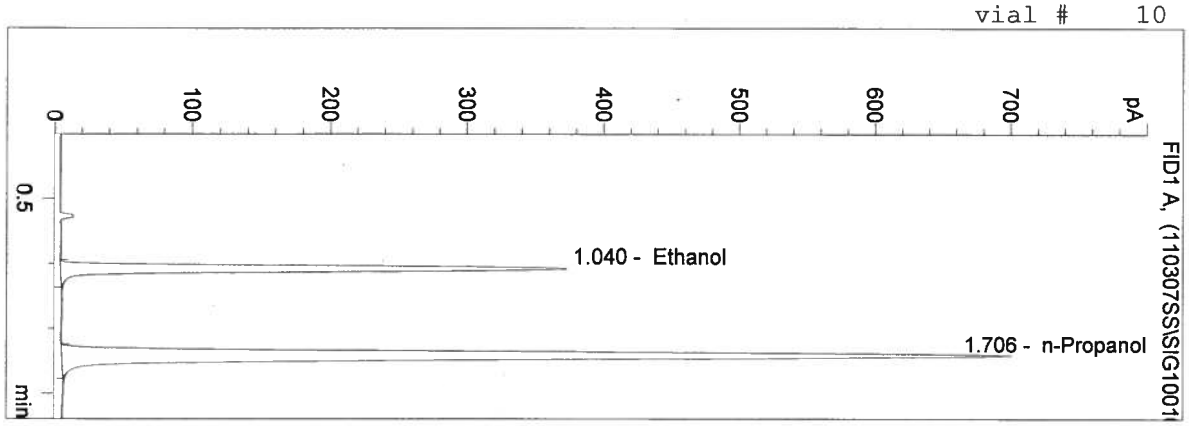
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

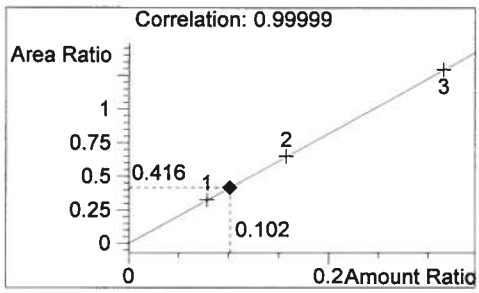
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 11:02:42 AM
Instrument 1
DB-ALC1

11008 #1
Sarah Swenson

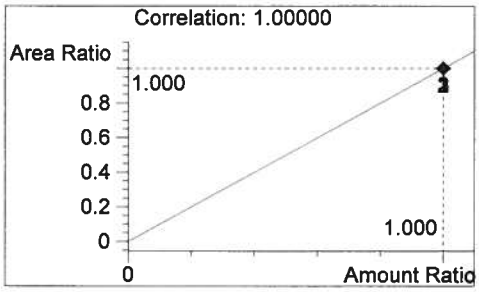
vial # 10



#	Compound	Area	RT
1	Ethanol	1126	1.040
2	n-Propanol	2705	1.706
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

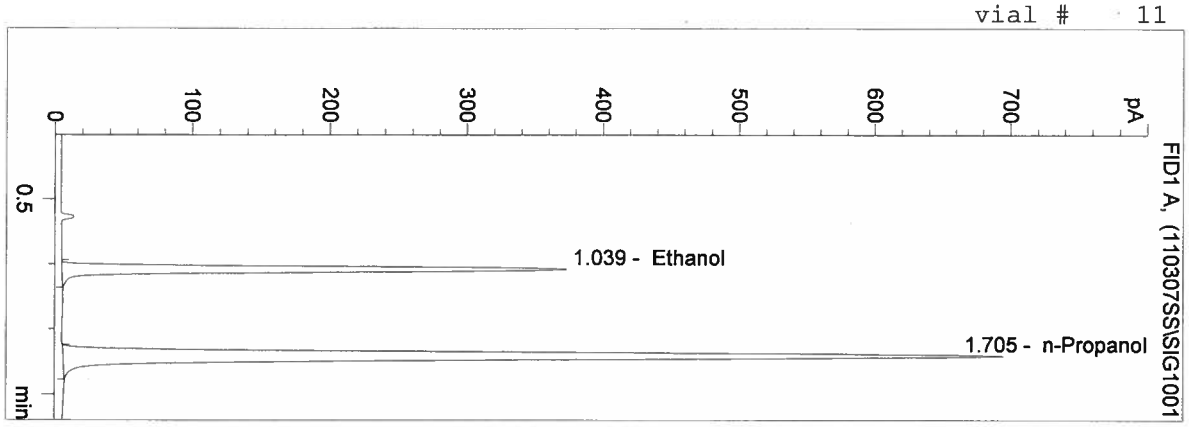
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

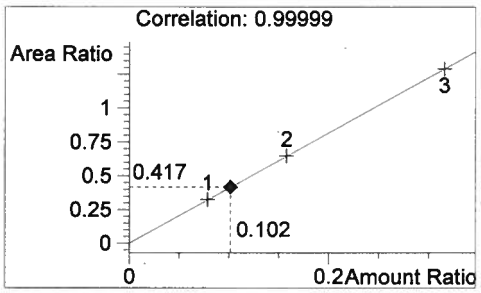
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 11:05:47 AM
Instrument 1
DB-ALC1

11008 #2
Sarah Swenson

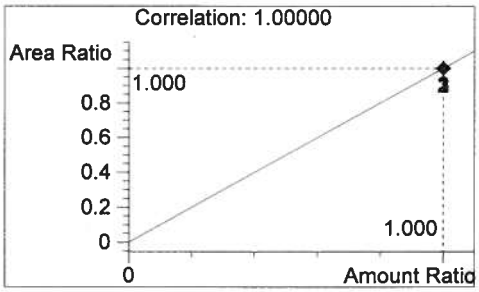
vial # 11



#	Compound	Area	RT
1	Ethanol	1113	1.039
2	n-Propanol	2670	1.705
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

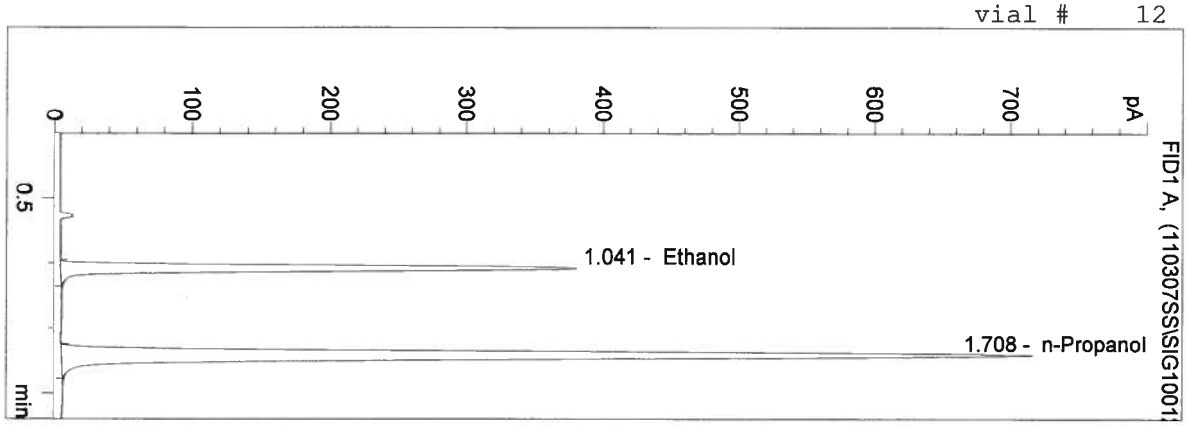
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

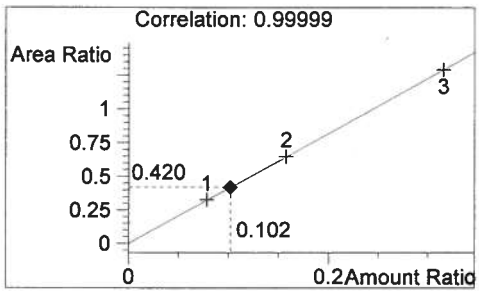
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 11:08:52 AM
Instrument 1
DB-ALC1

11008 #3
Sarah Swenson

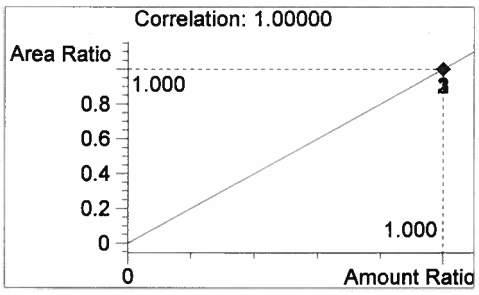
vial # 12



#	Compound	Area	RT
1	Ethanol	1166	1.041
2	n-Propanol	2778	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

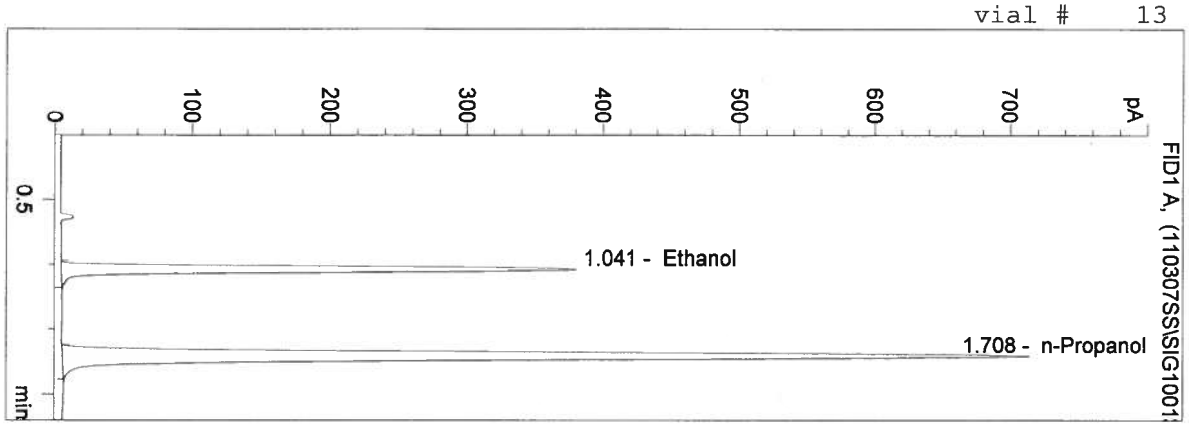
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

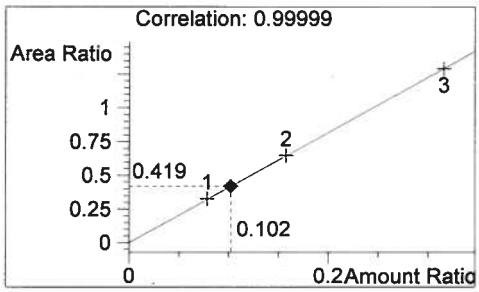
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 11:11:57 AM
Instrument 1
DB-ALC1

11008 #4
Sarah Swenson

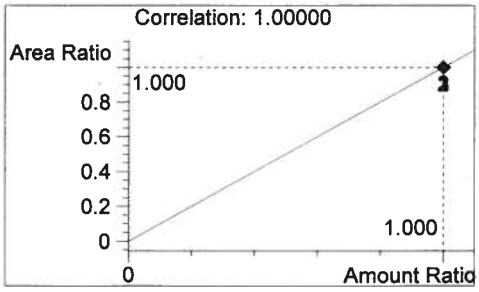
vial # 13



#	Compound	Area	RT
1	Ethanol	1159	1.041
2	n-Propanol	2764	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

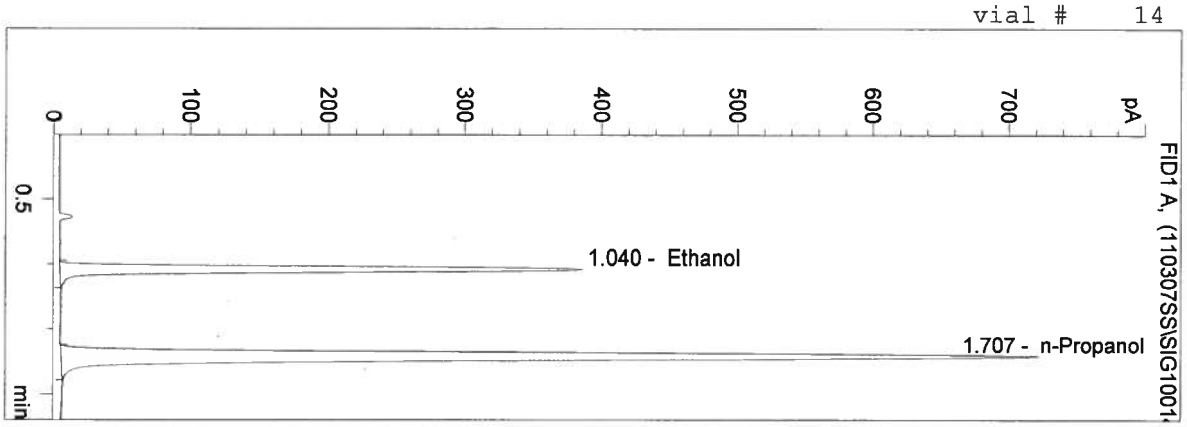
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

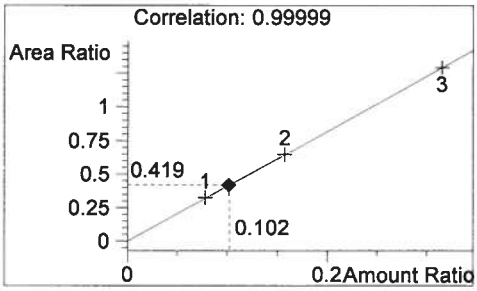
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 11:15:01 AM
Instrument 1
DB-ALC1

11008 #5
Sarah Swenson

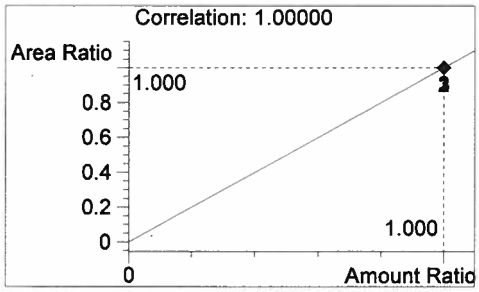
vial # 14



#	Compound	Area	RT
1	Ethanol	1169	1.040
2	n-Propanol	2788	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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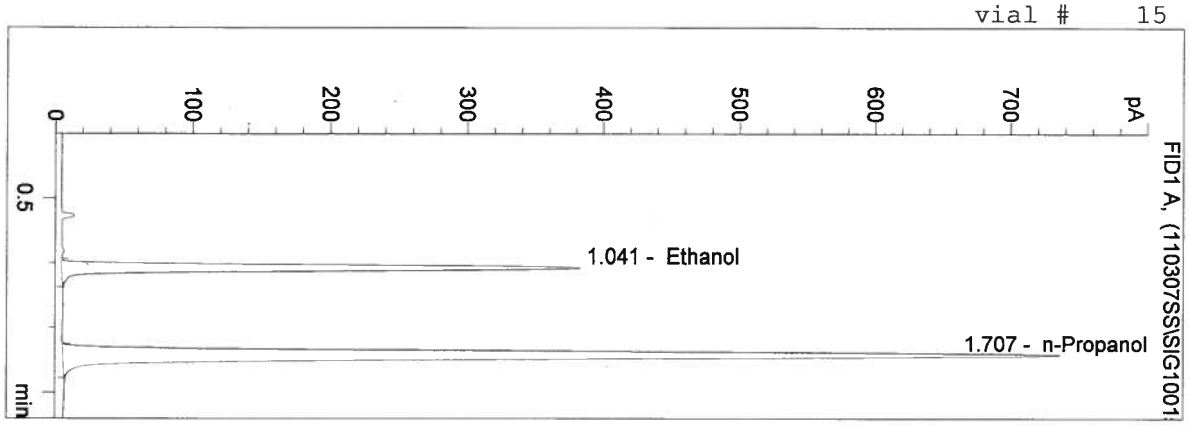
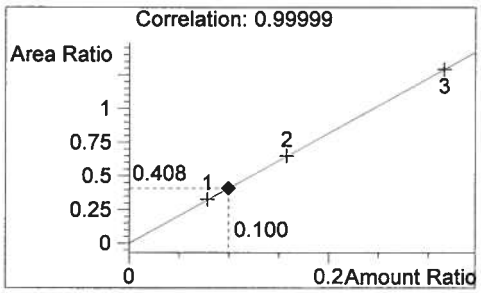
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 11:18:06 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

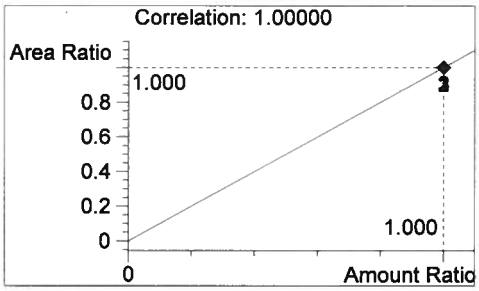
vial # 15



#	Compound	Area	RT
1	Ethanol	1164	1.041
2	n-Propanol	2850	1.707
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11008

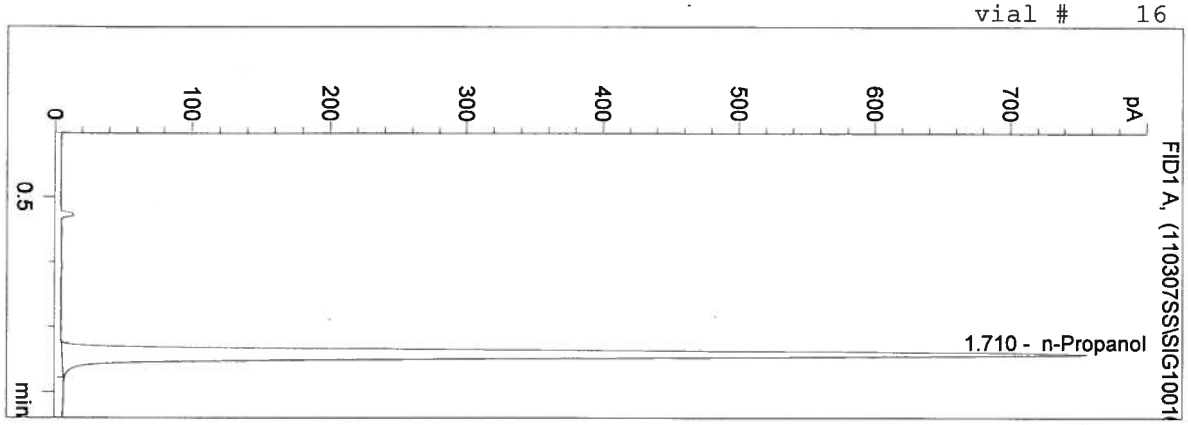
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

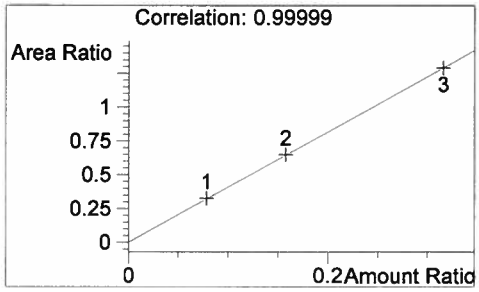
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 11:21:11 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

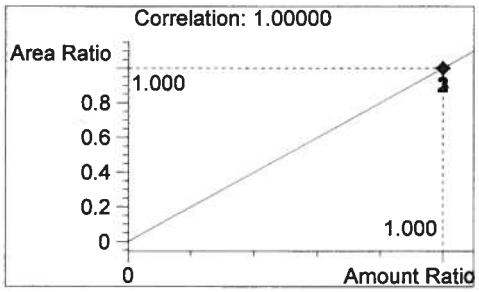
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2951	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

SMS

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:	110307DC
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-DC	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-DC	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-DC	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		
10	Vial 10	11008 #1	SIMALC1	1	Sample		
11	Vial 11	11008 #2	SIMALC1	1	Sample		
12	Vial 12	11008 #3	SIMALC1	1	Sample		
13	Vial 13	11008 #4	SIMALC1	1	Sample		
14	Vial 14	11008 #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	

11008

Sequence Table (Back Injector):

No entries - empty table!

DC

11008

DC

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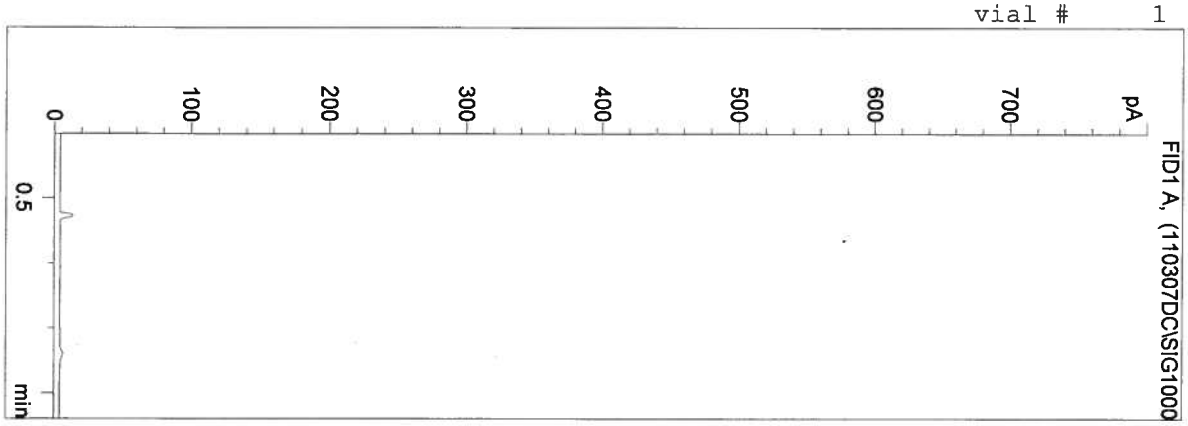
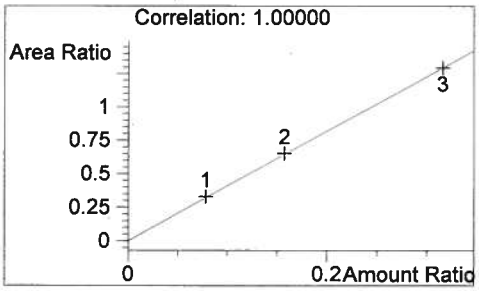
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 12:38:26 PM
Instrument 1
DB-ALC1

BLANK
Dawn Cox

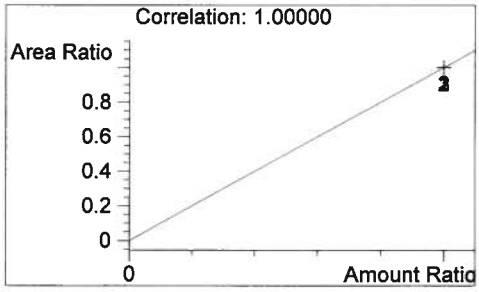
vial # 1



#	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

11008

DC

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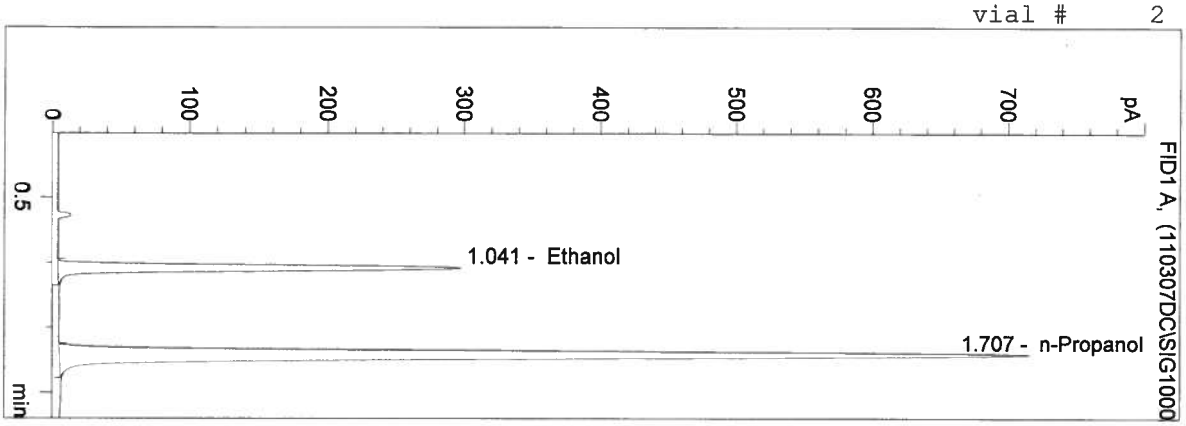
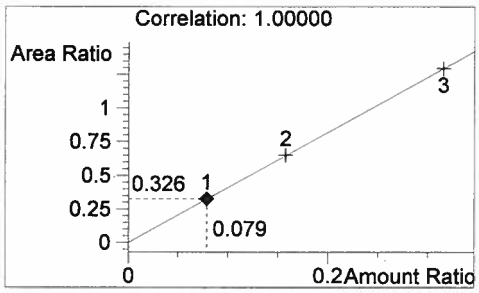
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 12:41:31 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Dawn Cox

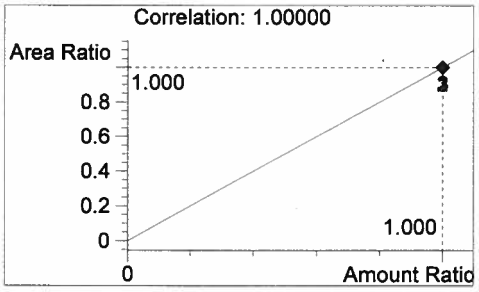
vial # 2



#	Compound	Area	RT
1	Ethanol	904	1.041
2	n-Propanol	2773	1.707
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11008

DC

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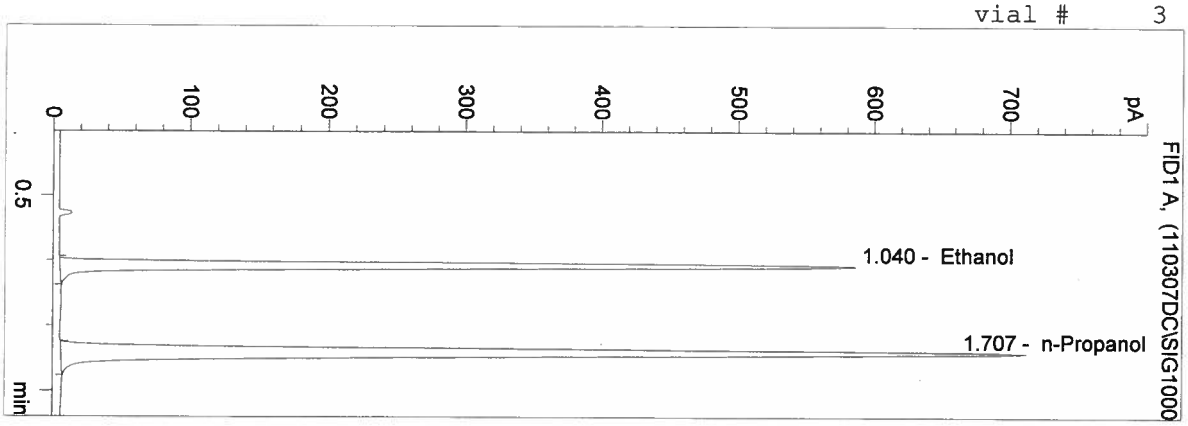
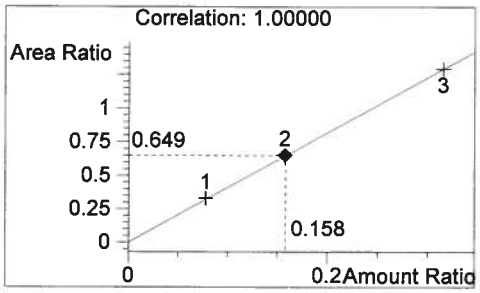
3/7/2011 12:44:36 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Dawn Cox

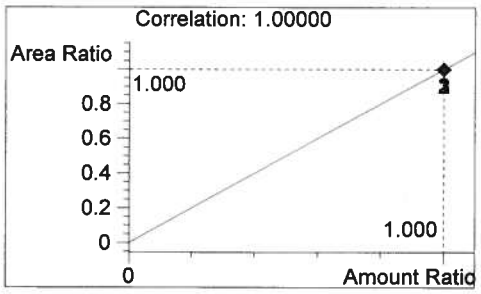
vial # 3



#	Compound	Area	RT
1	Ethanol	1778	1.040
2	n-Propanol	2740	1.707
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

11008

DC

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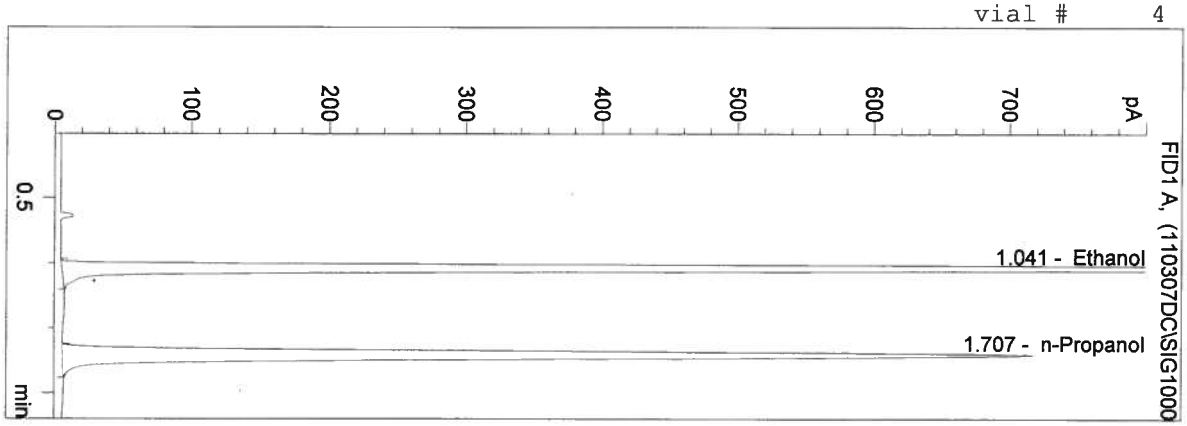
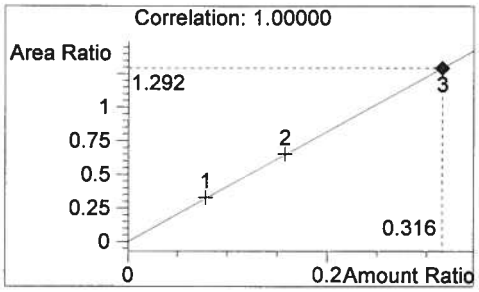
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 12:47:41 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Dawn Cox

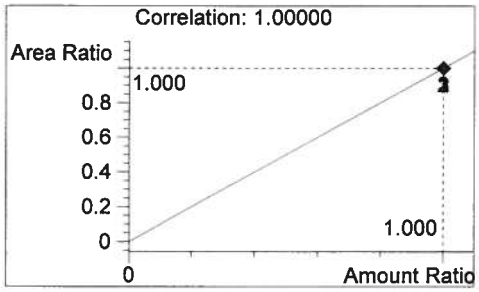
vial # 4



#	Compound	Area	RT
1	Ethanol	3570	1.041
2	n-Propanol	2763	1.707
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11008

DC

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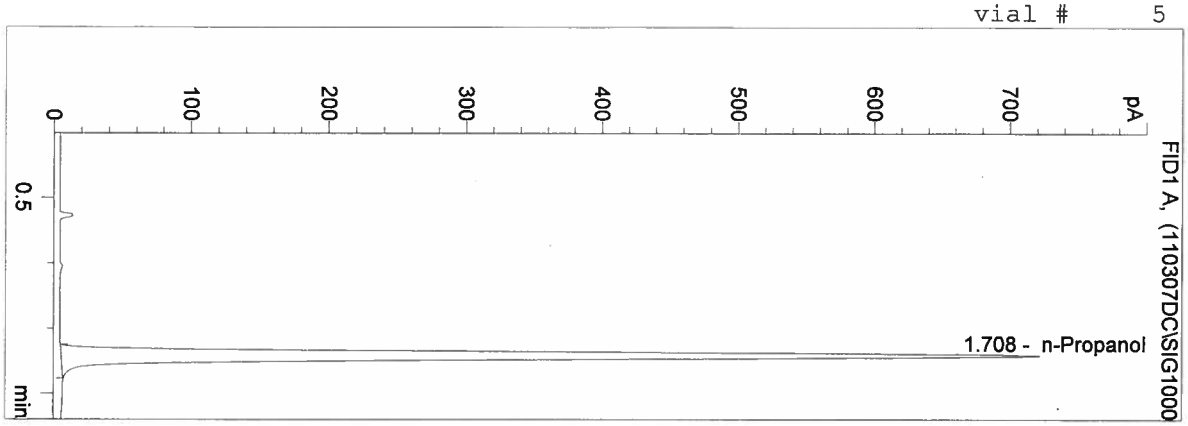
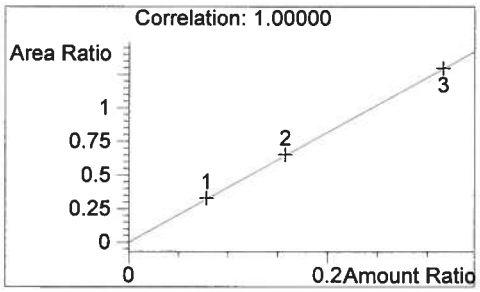
3/7/2011 12:50:46 PM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

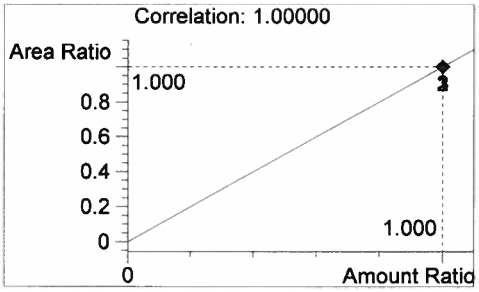
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2798	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

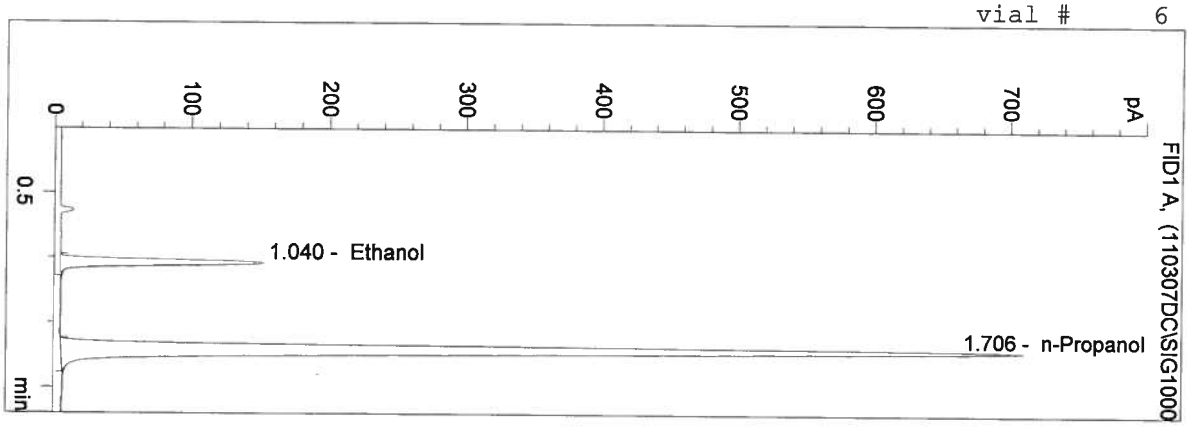
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

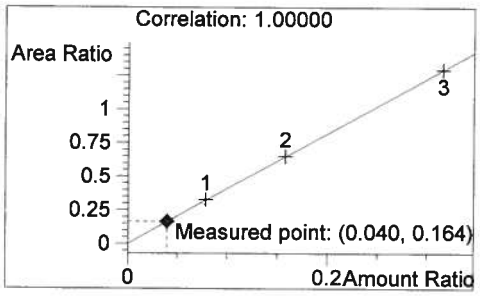
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 12:53:50 PM
Instrument 1
DB-ALC1

0.04 CTRL-DC
Dawn Cox

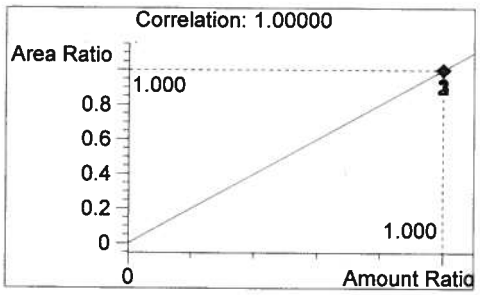
vial # 6



#	Compound	Area	RT
1	Ethanol	449	1.040
2	n-Propanol	2735	1.706
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

11008

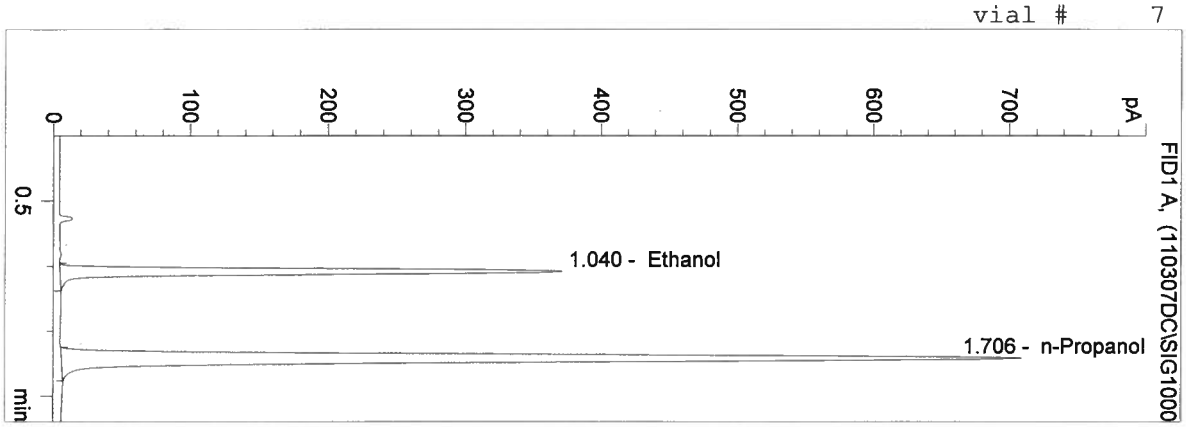
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

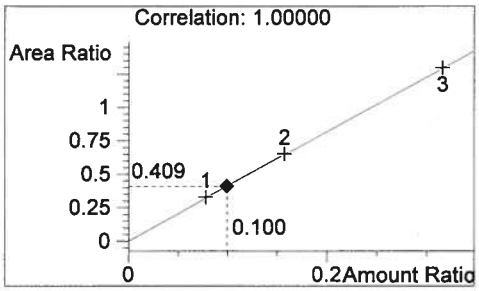
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 12:56:55 PM
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

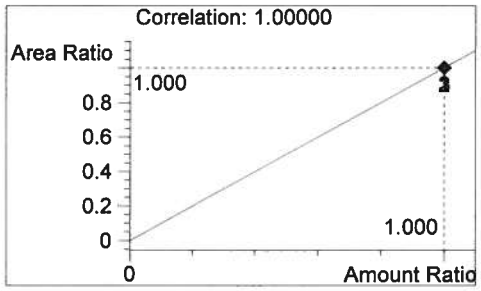
vial # 7



#	Compound	Area	RT
1	Ethanol	1116	1.040
2	n-Propanol	2728	1.706
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11008

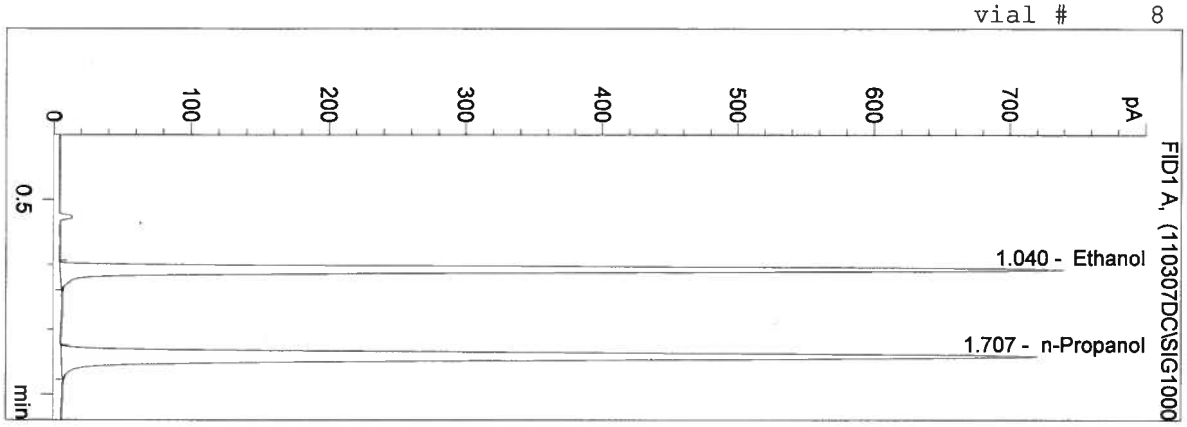
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

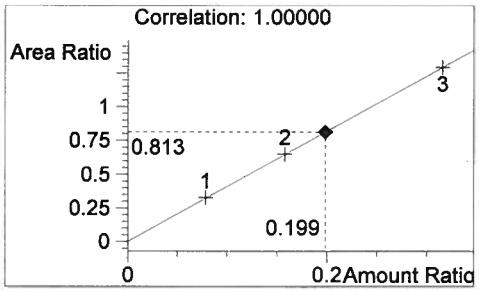
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 1:00:00 PM
Instrument 1
DB-ALC1

0.20 CTRL-DC
Dawn Cox

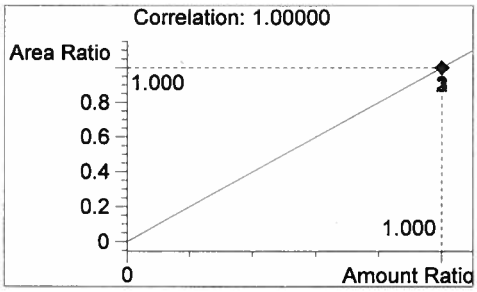
vial # 8



#	Compound	Area	RT
1	Ethanol	2263	1.040
2	n-Propanol	2783	1.707
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

11008

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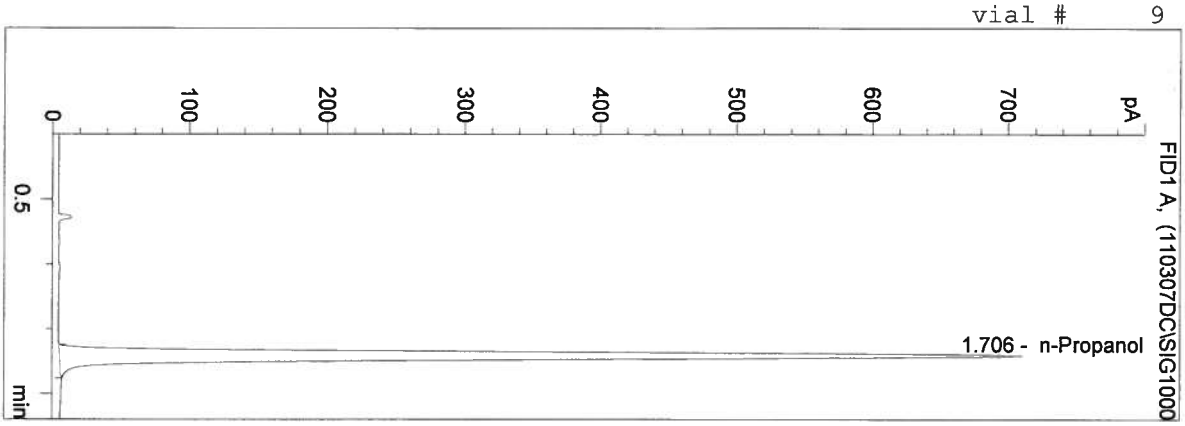
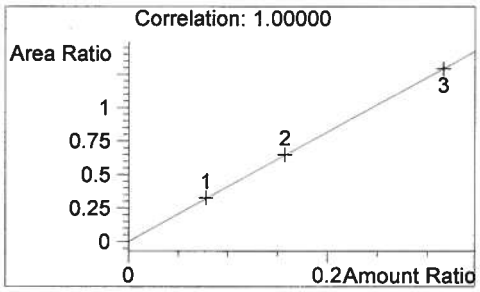
C:\HPCHEM\1\METHODS\SIMALC1.M
3/7/2011 1:03:04 PM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

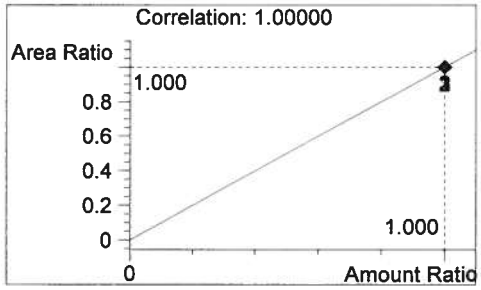
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2737	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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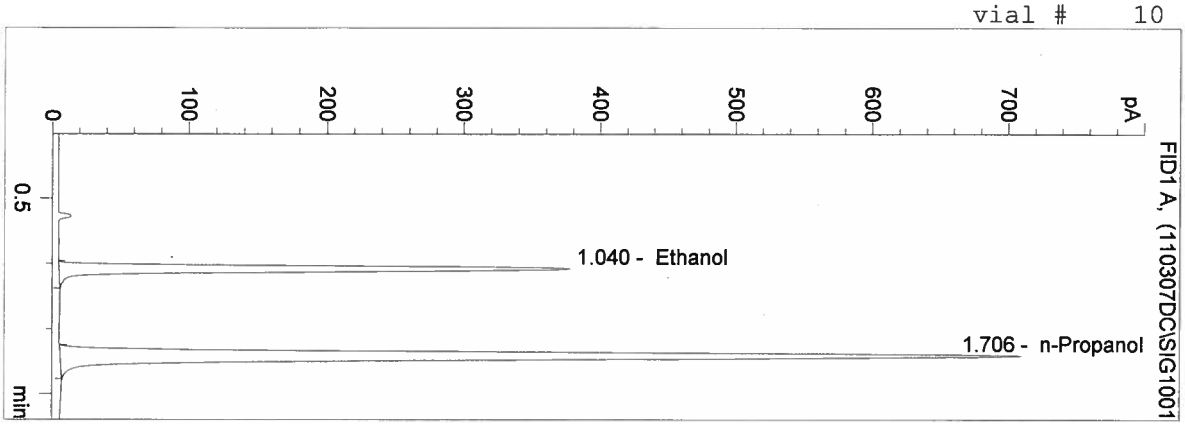
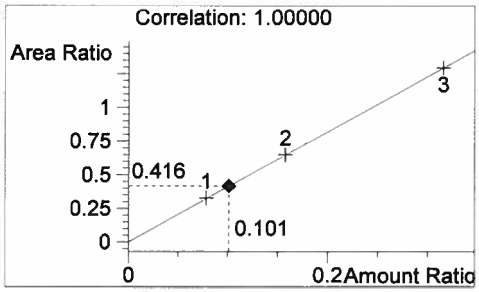
3/7/2011 1:06:09 PM
Instrument 1
DB-ALC1

11008 #1
Dawn Cox

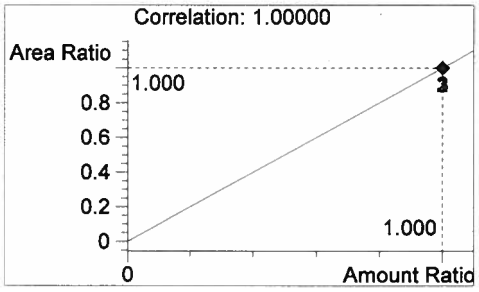
vial # 10



#	Compound	Area	RT
1	Ethanol	1136	1.040
2	n-Propanol	2729	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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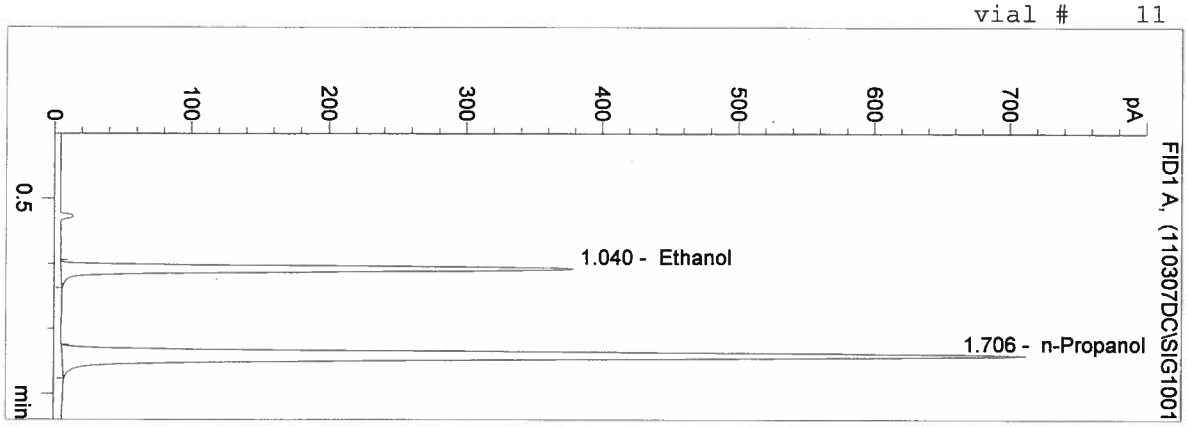
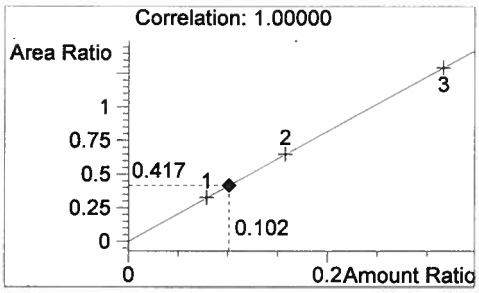
Instrument 1
DB-ALC1

11008 #2
Dawn Cox

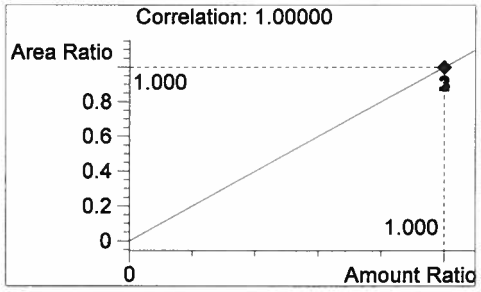
vial # 11



#	Compound	Area	RT
1	Ethanol	1143	1.040
2	n-Propanol	2743	1.706
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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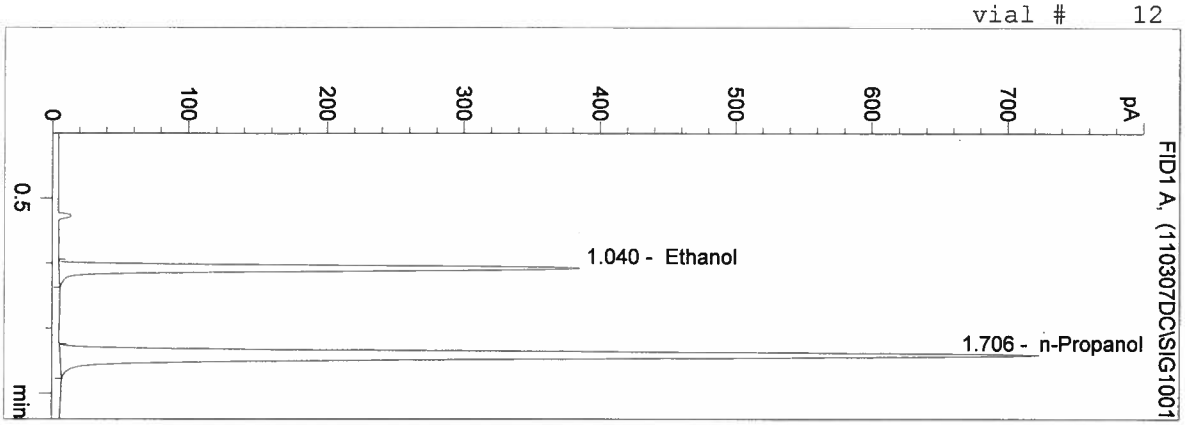
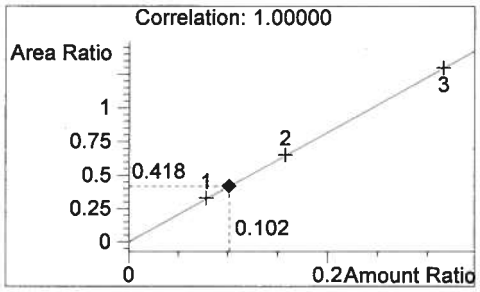
Instrument 1
DB-ALC1

11008 #3
Dawn Cox

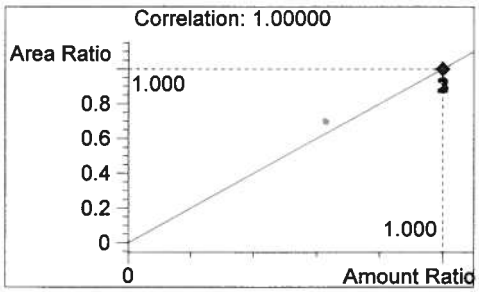
vial # 12



#	Compound	Area	RT
1	Ethanol	1164	1.040
2	n-Propanol	2787	1.706
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

DC

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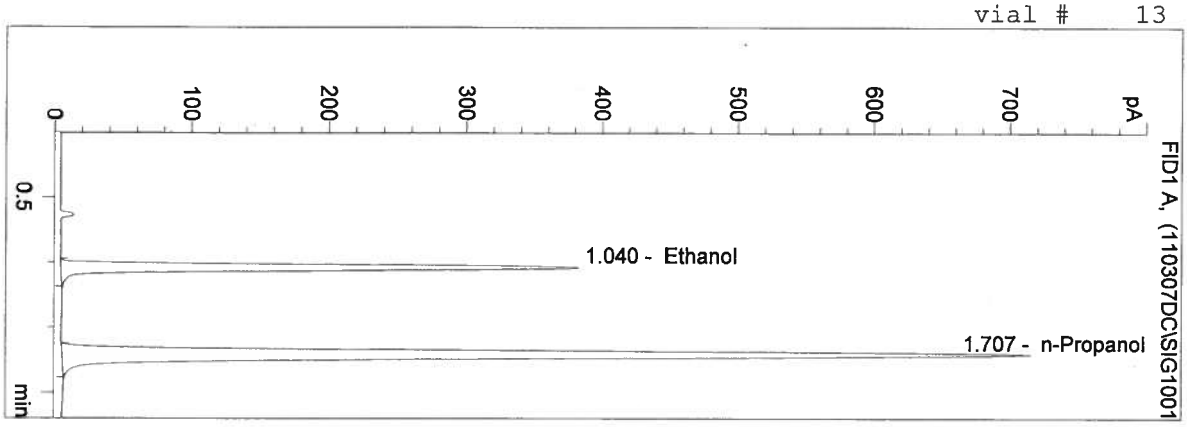
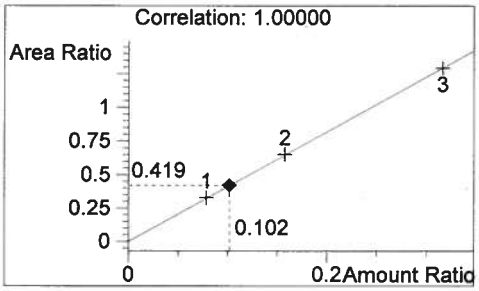
Instrument 1
DB-ALC1

11008 #4
Dawn Cox

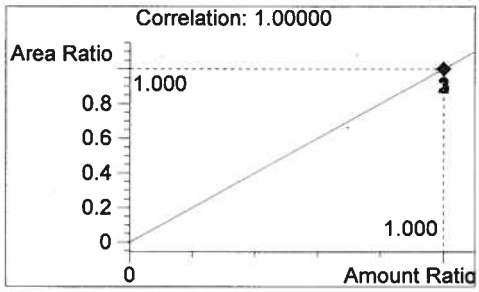
vial # 13



#	Compound	Area	RT
1	Ethanol	1154	1.040
2	n-Propanol	2756	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

DC

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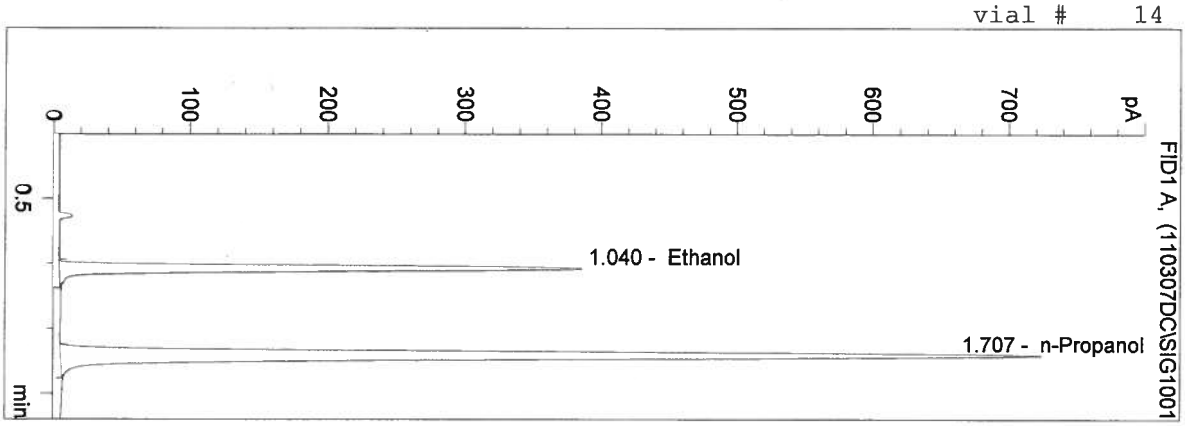
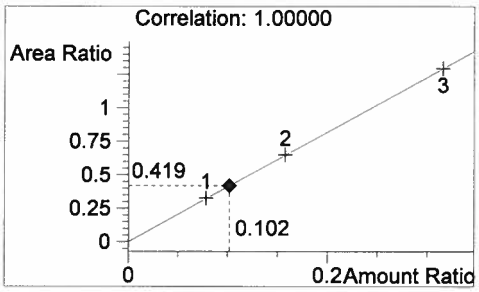
Instrument 1
DB-ALC1

11008 #5
Dawn Cox

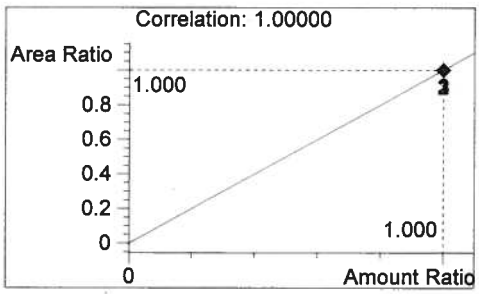
vial # 14



#	Compound	Area	RT
1	Ethanol	1171	1.040
2	n-Propanol	2794	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

DC

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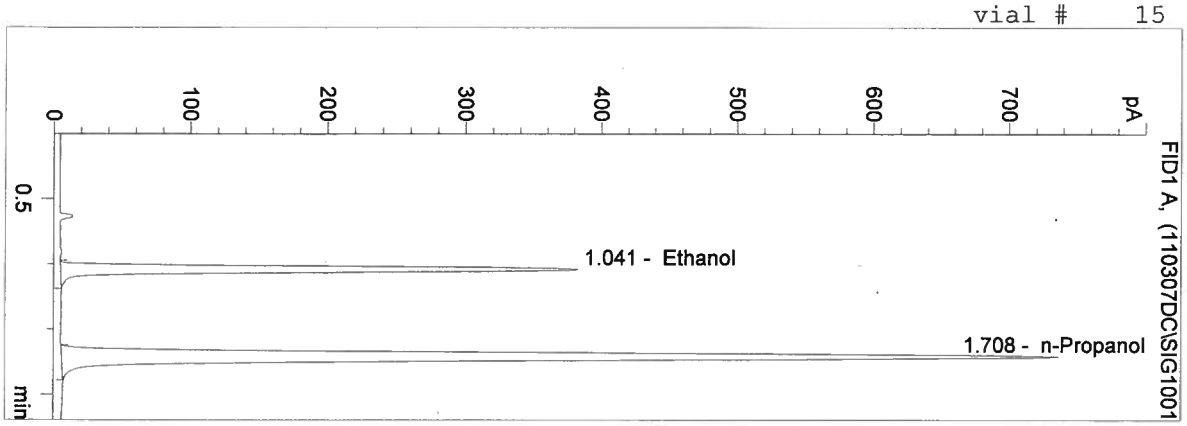
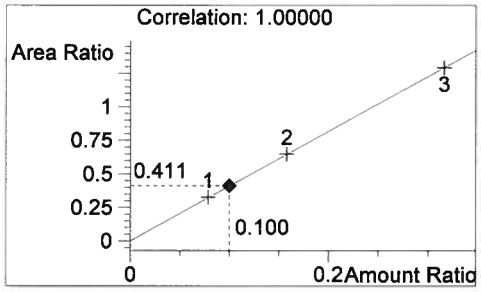
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

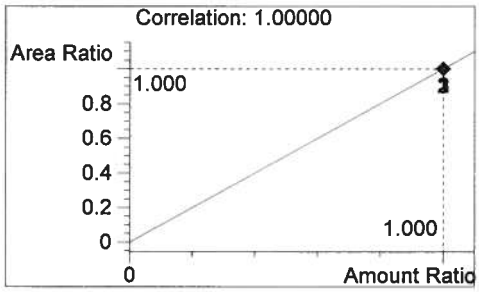
vial # 15



#	Compound	Area	RT
1	Ethanol	1173	1.041
2	n-Propanol	2855	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11008

DC

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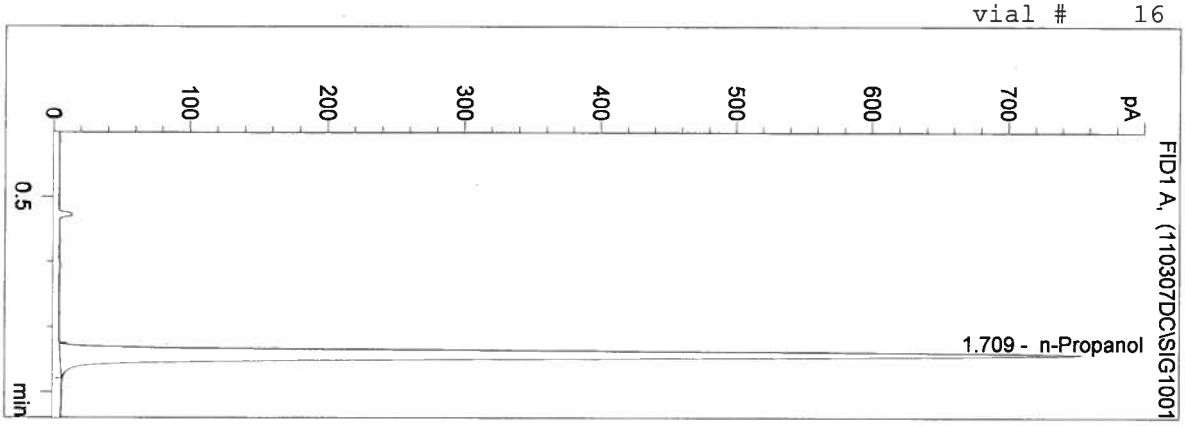
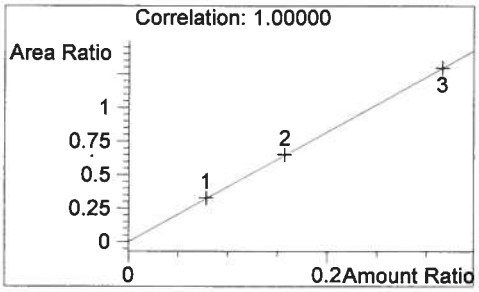
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

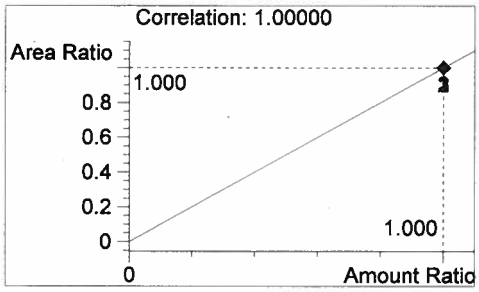
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2926	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

DC

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:	110314BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
10	Vial 10	11008 #1	SIMALC1	1	Sample		
11	Vial 11	11008 #2	SIMALC1	1	Sample		
12	Vial 12	11008 #3	SIMALC1	1	Sample		
13	Vial 13	11008 #4	SIMALC1	1	Sample		
14	Vial 14	11008 #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	

1100.

BP

Sequence Table (Back Injector):

No entries - empty table!

11008

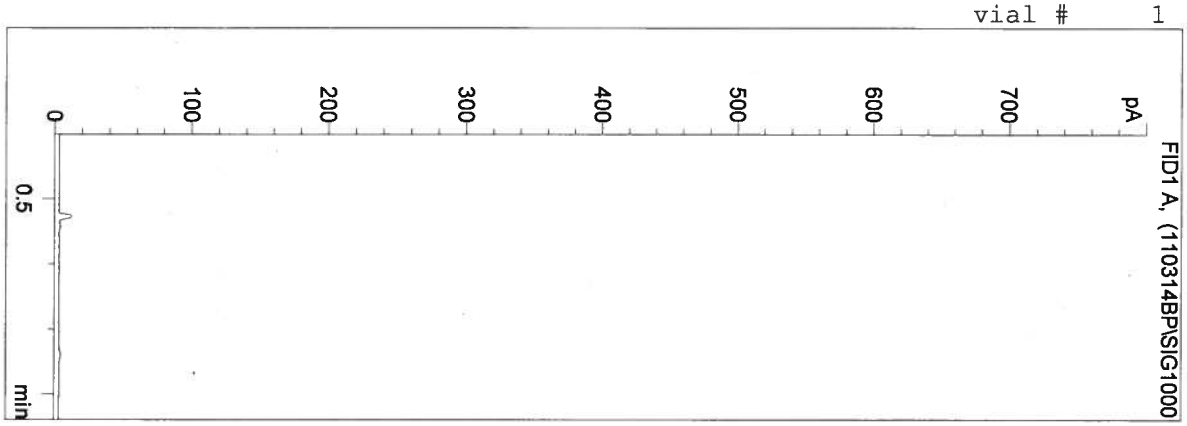
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

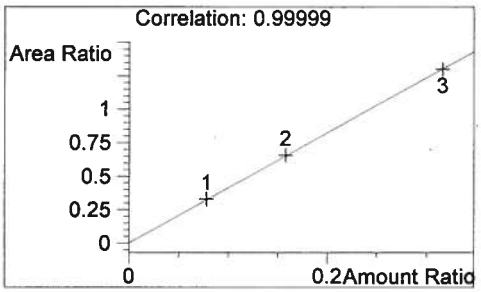
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:06:47 AM
Instrument 1
DB-ALC1

blank
Brianna Peterson

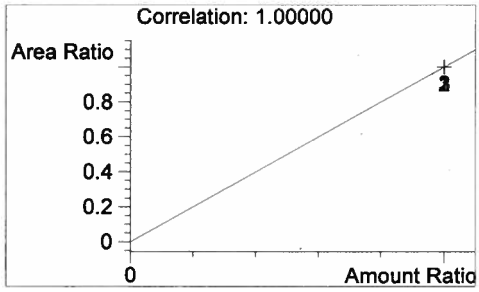
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11008

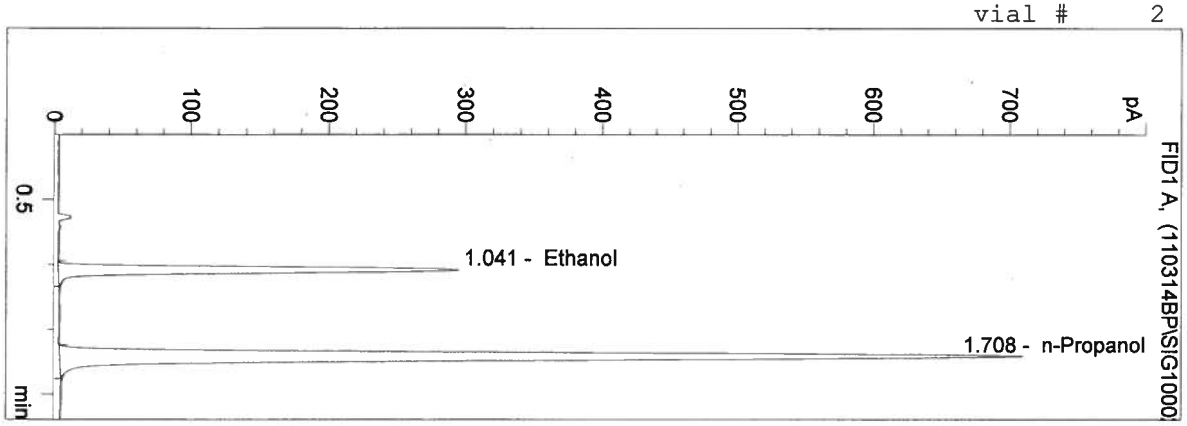
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

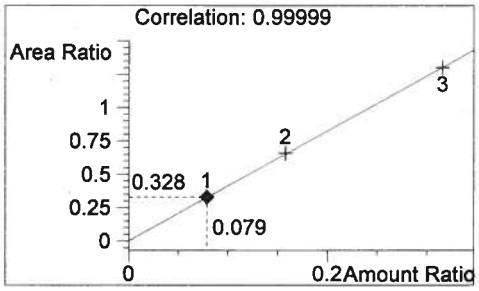
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:09:52 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Brianna Peterson

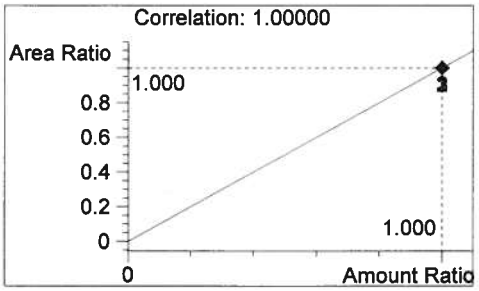
vial # 2



#	Compound	Area	RT
1	Ethanol	907	1.041
2	n-Propanol	2762	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11008

BS

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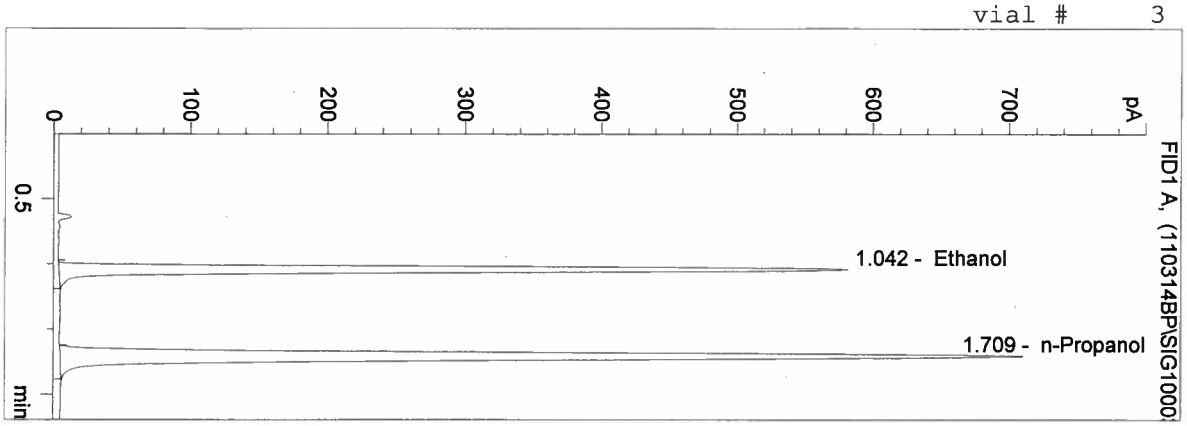
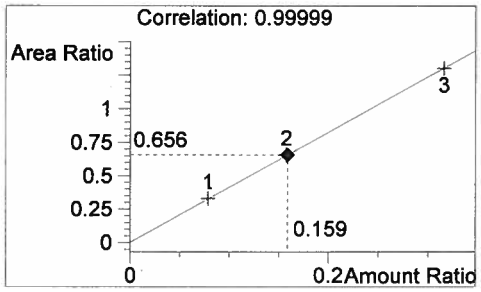
3/14/2011 11:12:56 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Brianna Peterson

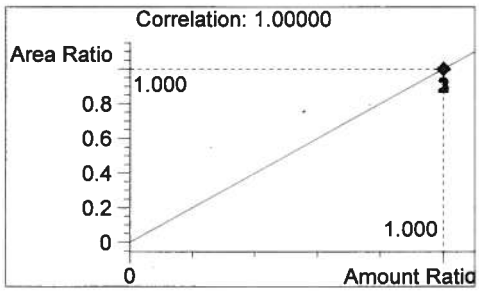
vial # 3



#	Compound	Area	RT
1	Ethanol	1820	1.042
2	n-Propanol	2772	1.709
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11008

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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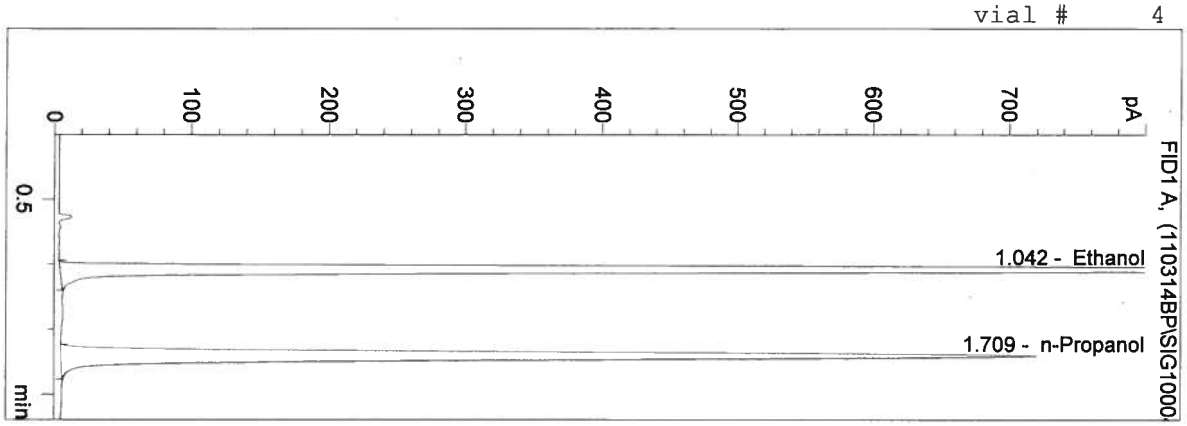
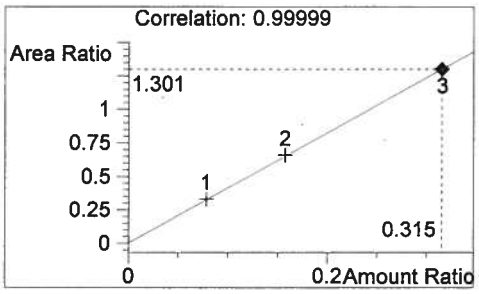
3/14/2011 11:16:01 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Brianna Peterson

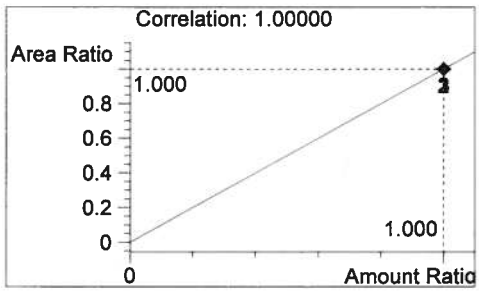
vial # 4



#	Compound	Area	RT
1	Ethanol	3643	1.042
2	n-Propanol	2801	1.709
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11008

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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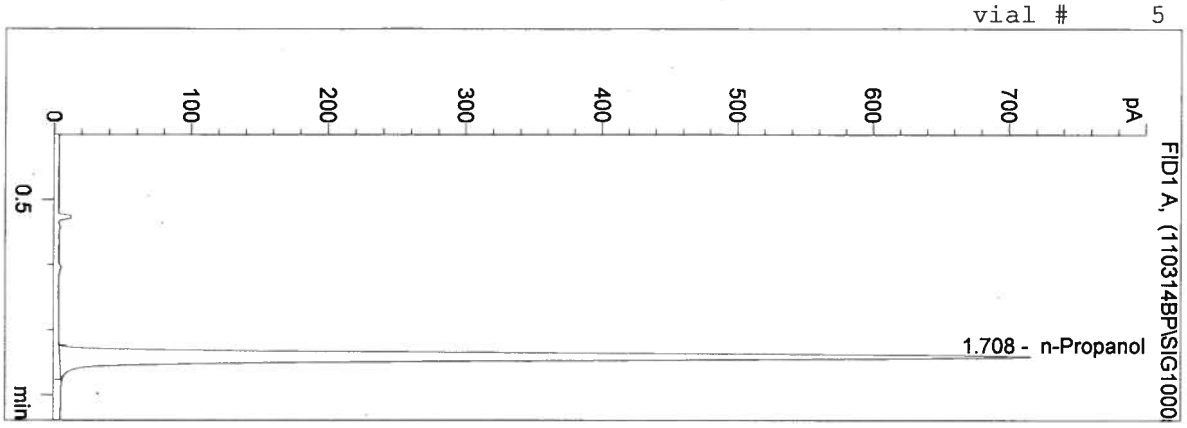
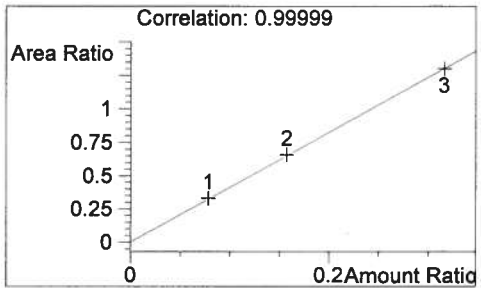
3/14/2011 11:19:06 AM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

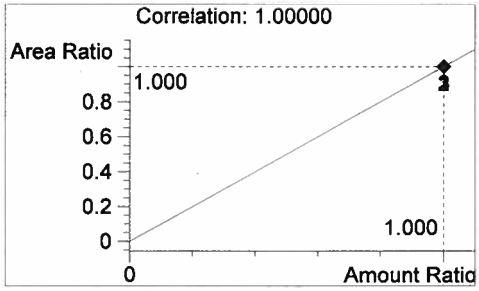
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2790	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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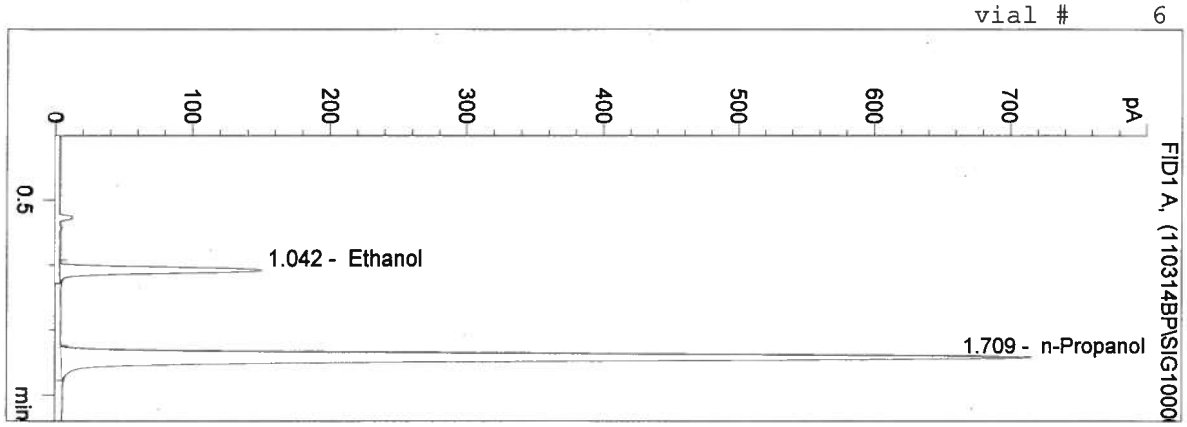
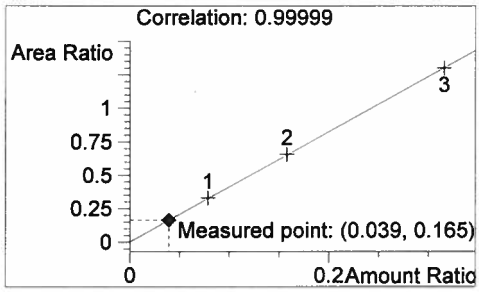
3/14/2011 11:22:11 AM
Instrument 1
DB-ALC1

0.04 CTRL - BP
Brianna Peterson

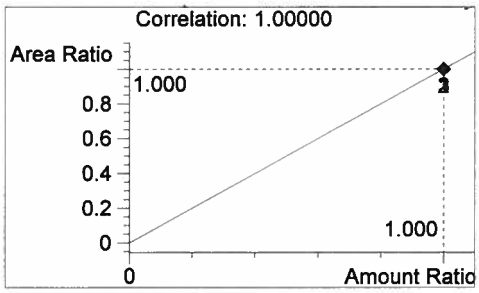
vial # 6



#	Compound	Area	RT
1	Ethanol	460	1.042
2	n-Propanol	2791	1.709
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

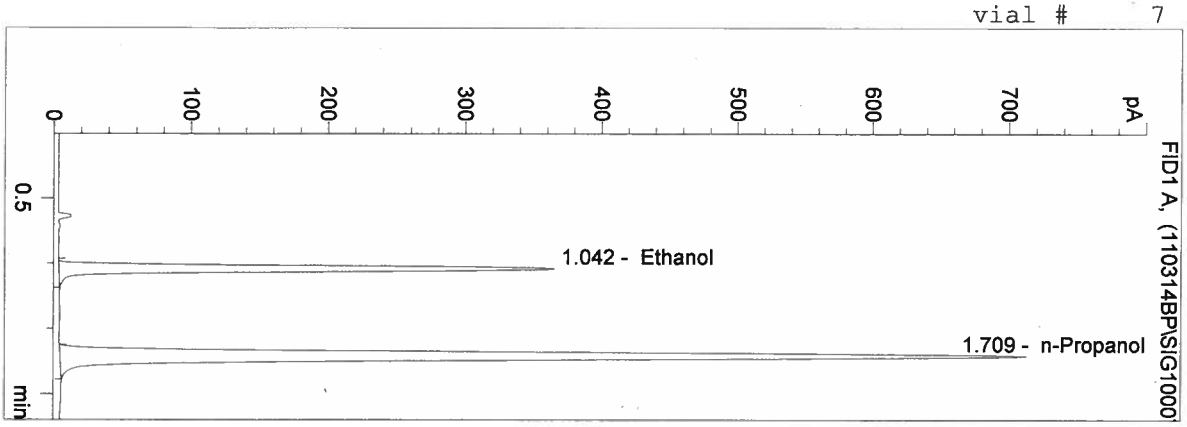
11008

BP

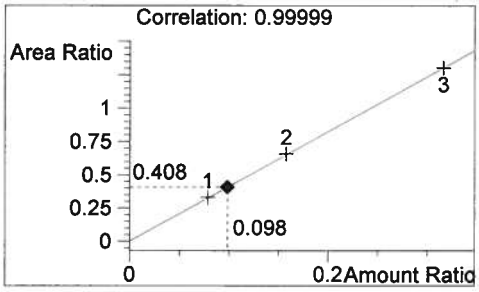
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:25:16 AM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

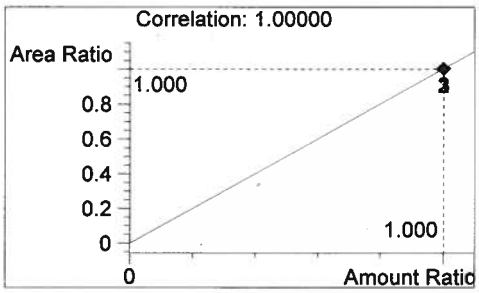
vial # 7



#	Compound	Area	RT
1	Ethanol	1135	1.042
2	n-Propanol	2783	1.709
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

11008

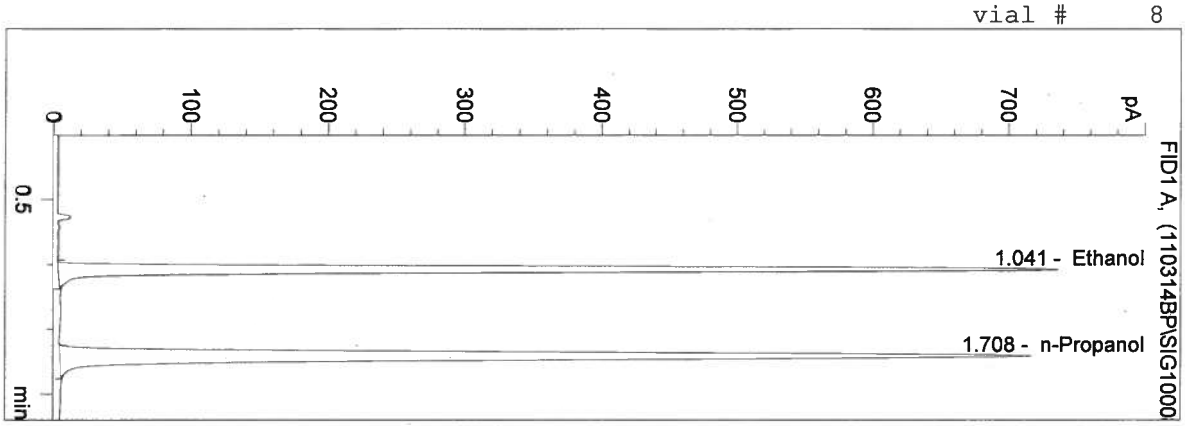
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

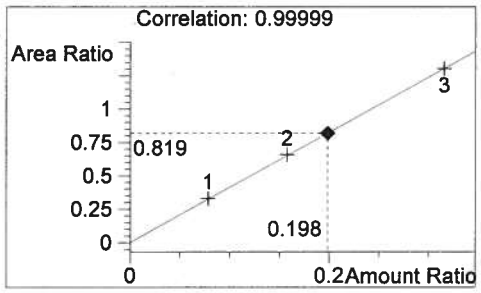
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:28:20 AM
Instrument 1
DB-ALC1

0.20 CTRL - BP
Brianna Peterson

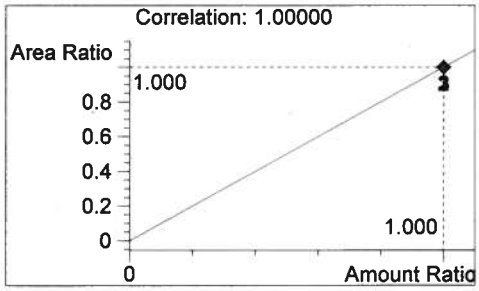
vial # 8



#	Compound	Area	RT
1	Ethanol	2279	1.041
2	n-Propanol	2784	1.708
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

11008

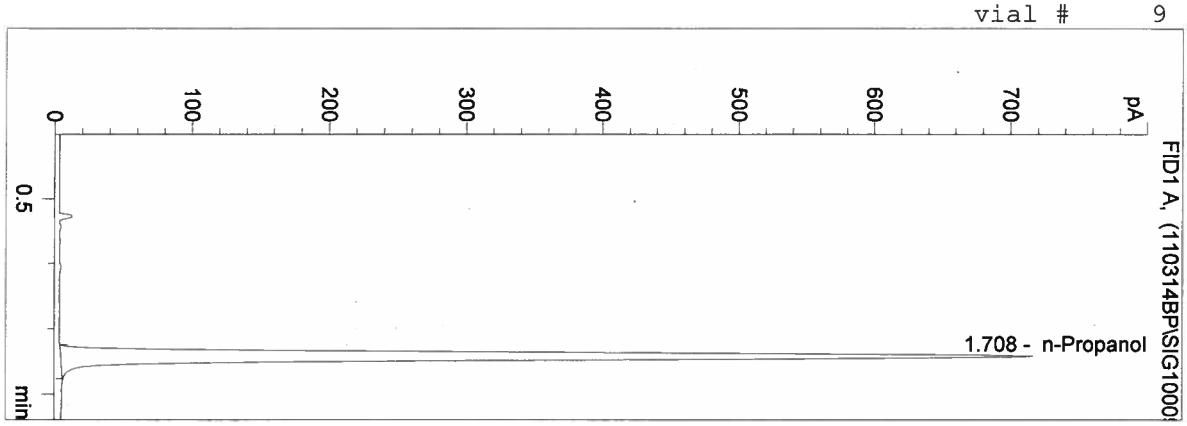
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

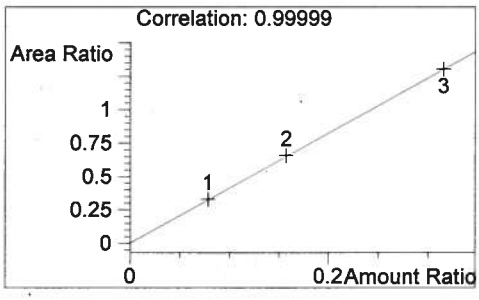
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:31:25 AM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

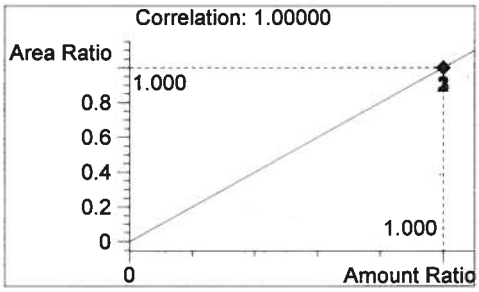
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2786	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

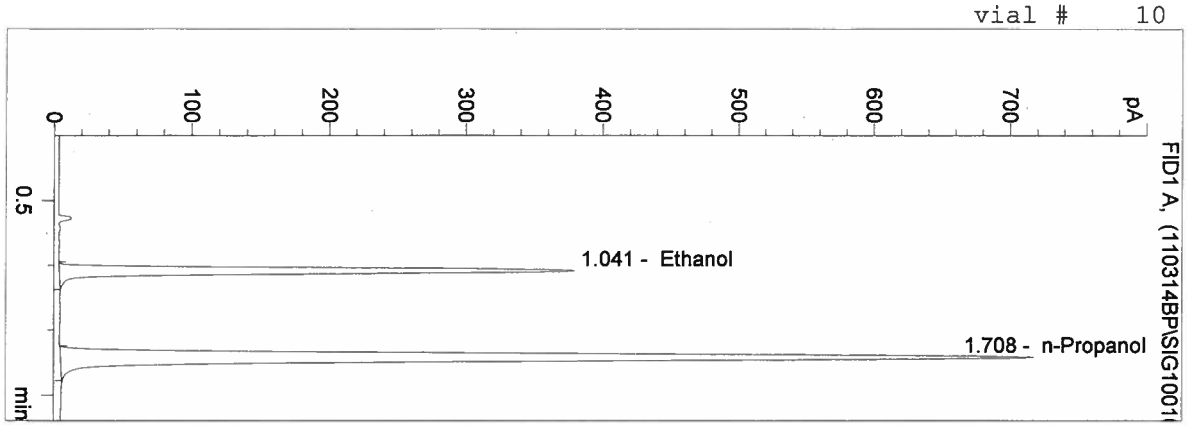
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

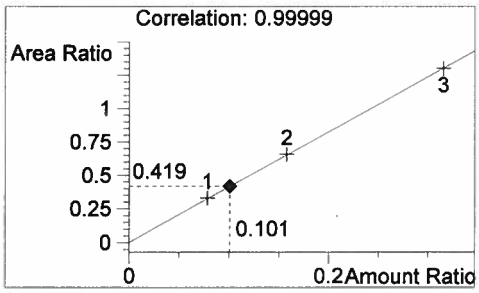
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:34:30 AM
Instrument 1
DB-ALC1

11008 #1
Brianna Peterson

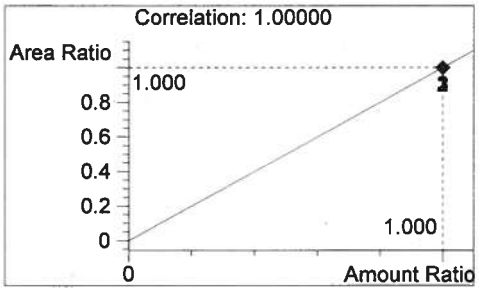
vial # 10



#	Compound	Area	RT
1	Ethanol	1168	1.041
2	n-Propanol	2790	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

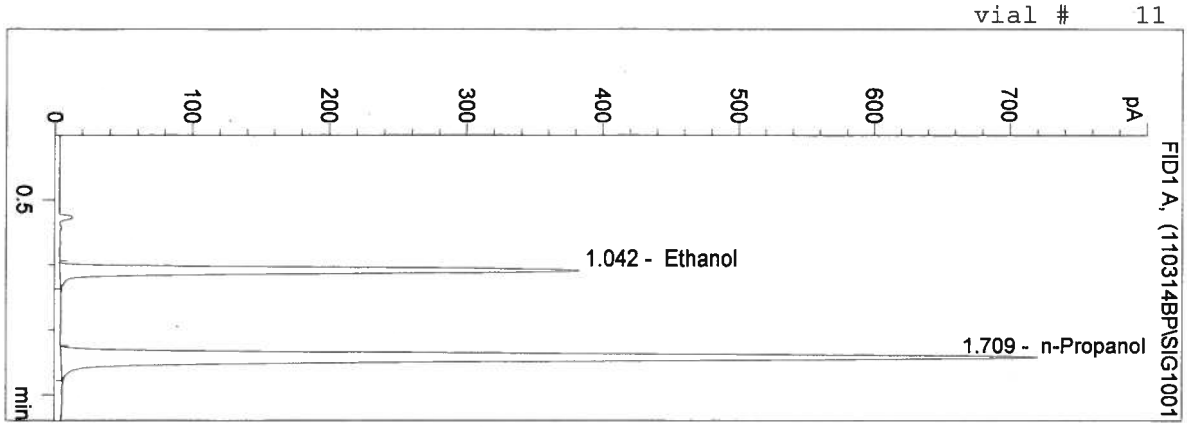
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

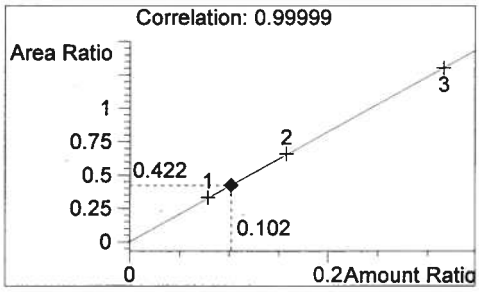
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:37:35 AM
Instrument 1
DB-ALC1

11008 #2
Brianna Peterson

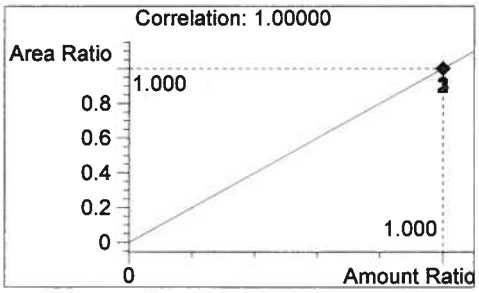
vial # 11



#	Compound	Area	RT
1	Ethanol	1188	1.042
2	n-Propanol	2814	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

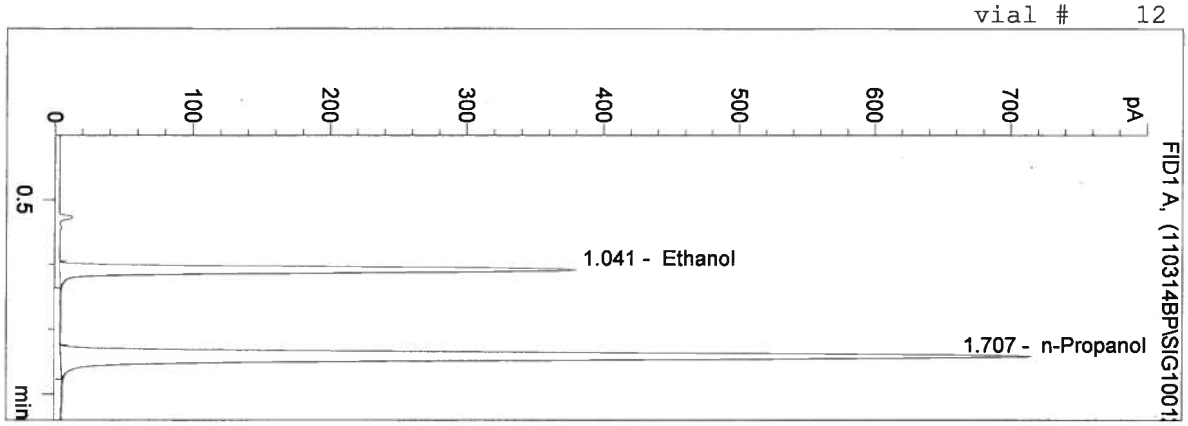
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

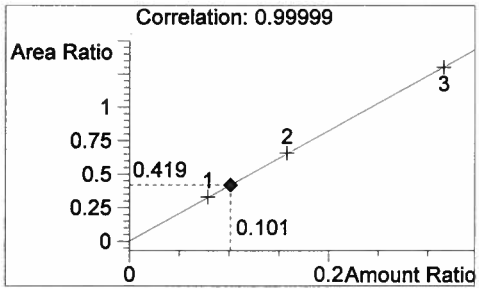
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:40:39 AM
Instrument 1
DB-ALC1

11008 #3
Brianna Peterson

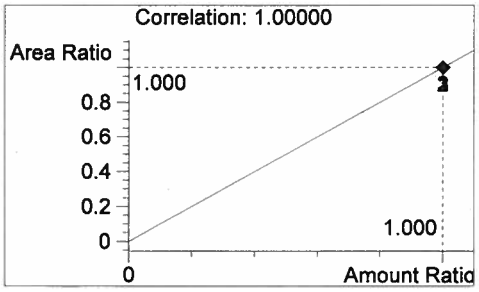
vial # 12



#	Compound	Area	RT
1	Ethanol	1163	1.041
2	n-Propanol	2774	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

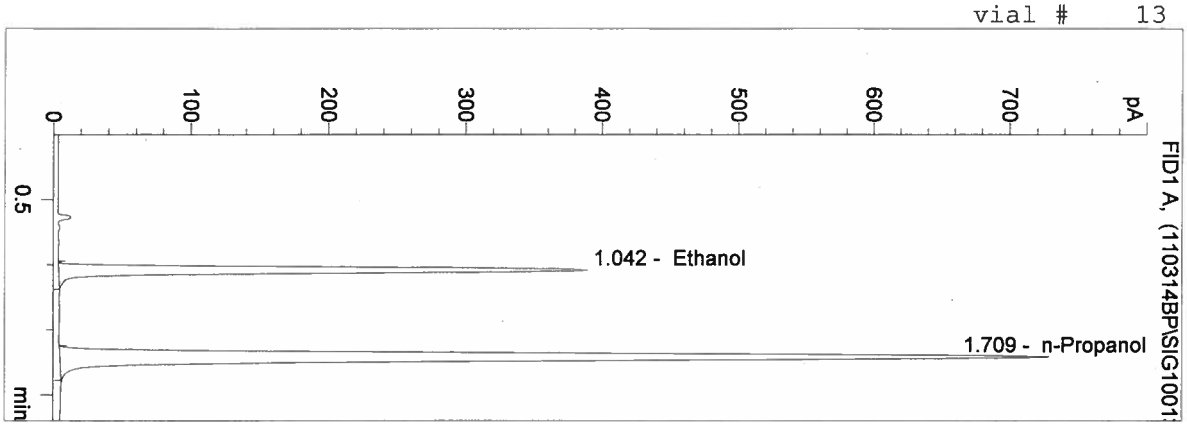
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

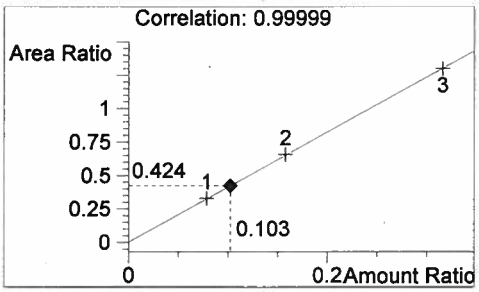
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:43:44 AM
Instrument 1
DB-ALC1

11008 #4
Brianna Peterson

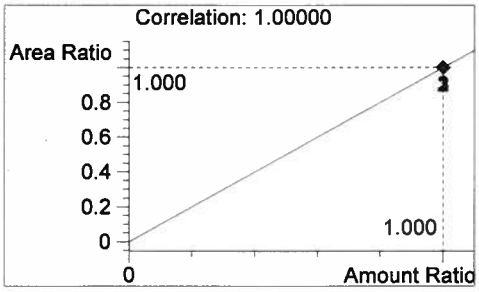
vial # 13



#	Compound	Area	RT
1	Ethanol	1202	1.042
2	n-Propanol	2833	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

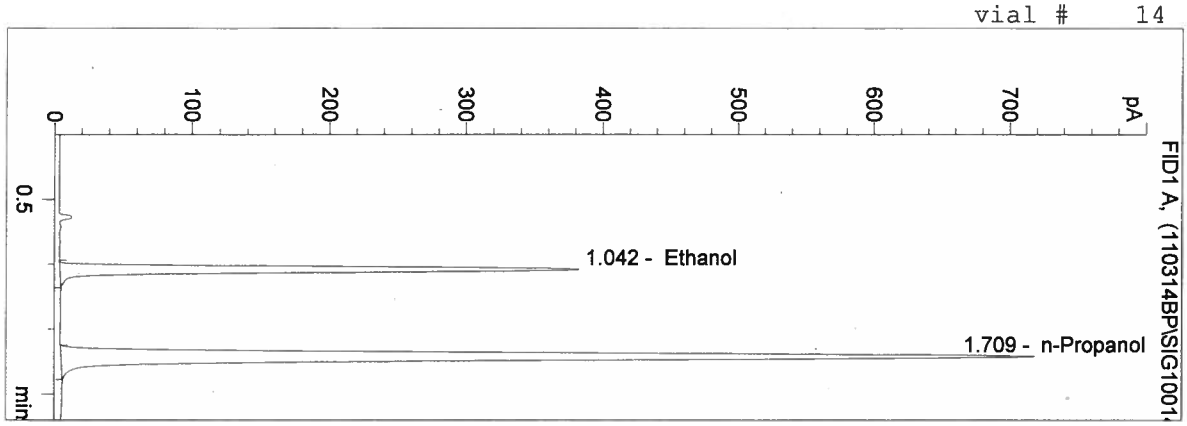
BG

WASHINGTON STATE TOXICOLOGY LABORATORY

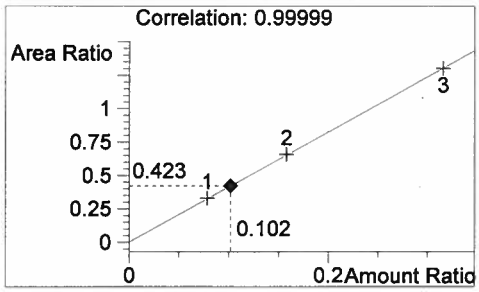
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:46:49 AM
Instrument 1
DB-ALC1

11008 #5
Brianna Peterson

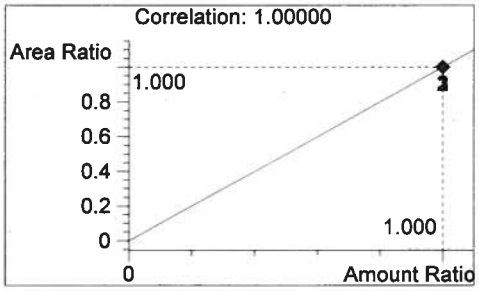
vial # 14



#	Compound	Area	RT
1	Ethanol	1182	1.042
2	n-Propanol	2795	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

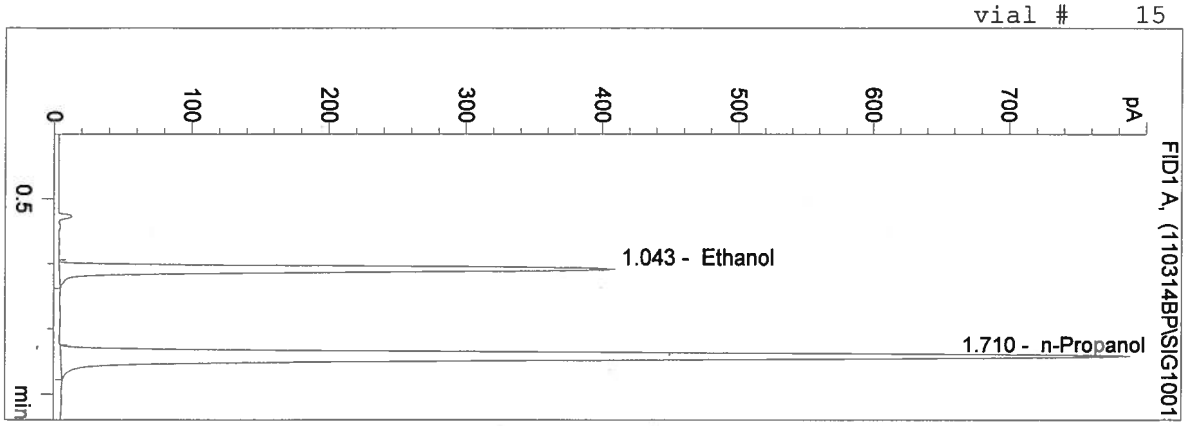
B6

WASHINGTON STATE TOXICOLOGY LABORATORY

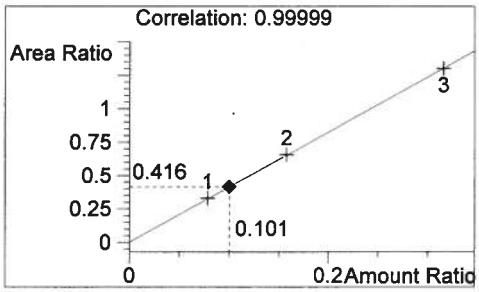
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:49:54 AM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

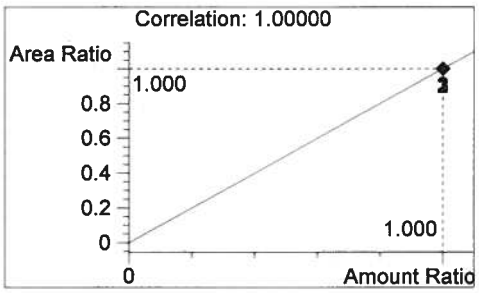
vial # 15



#	Compound	Area	RT
1	Ethanol	1284	1.043
2	n-Propanol	3086	1.710
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

11008

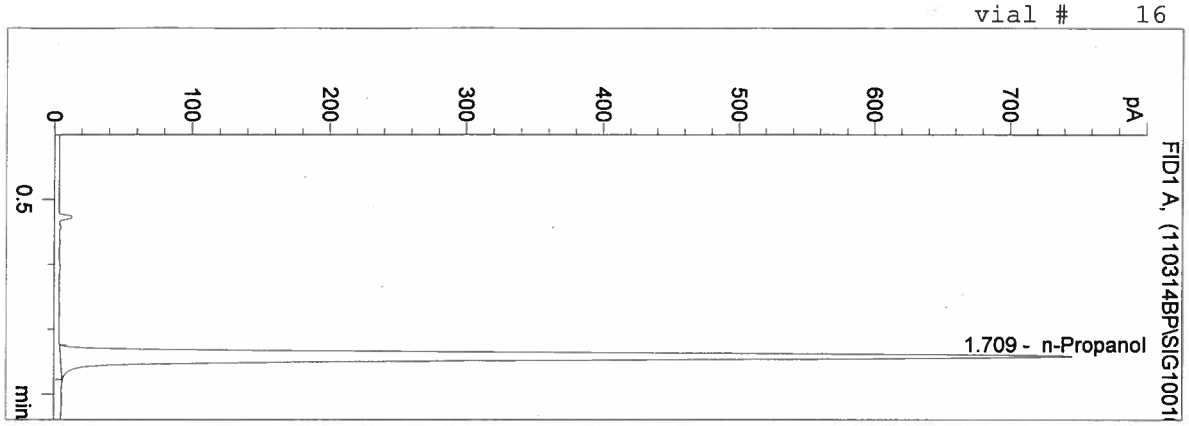
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

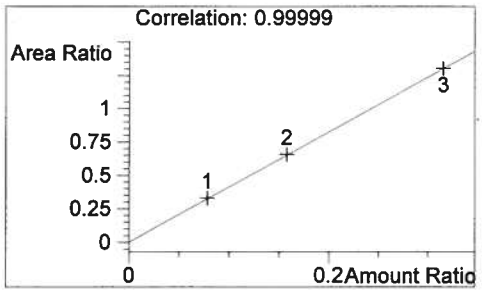
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 11:53:04 AM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

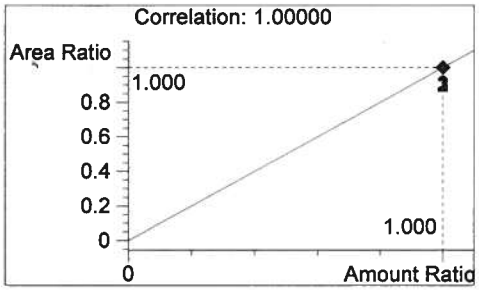
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2919	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

BP

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:	110314CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 11008 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 11008 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 11008 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 11008 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 11008 #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	

11008

Sequence Table (Back Injector):

No entries - empty table!

cl

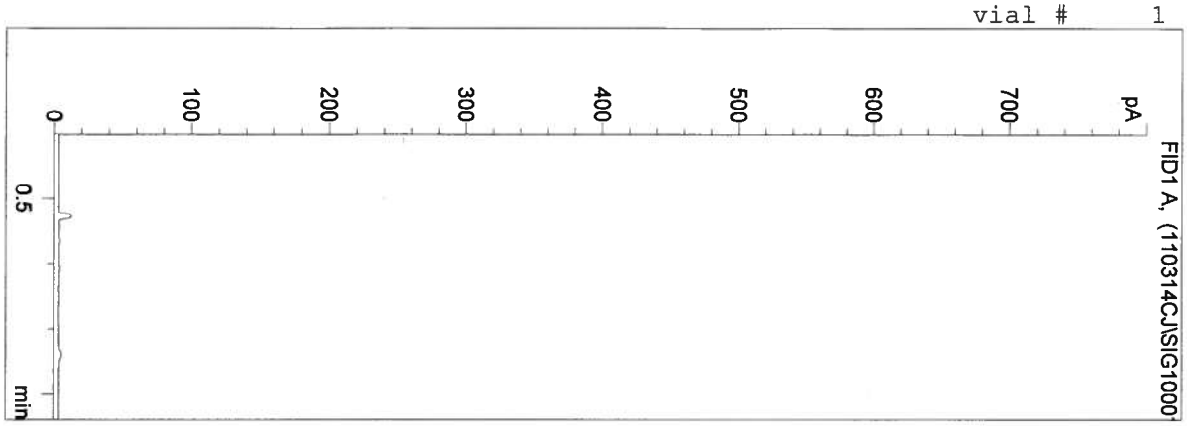
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

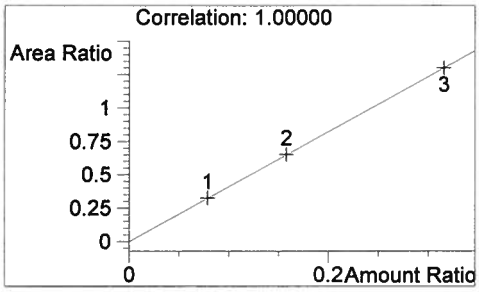
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 3:53:42 PM
Instrument 1
DB-ALC1

BLANK-CJ
Chris Johnston

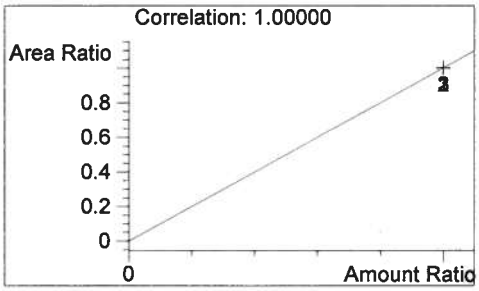
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

CJ

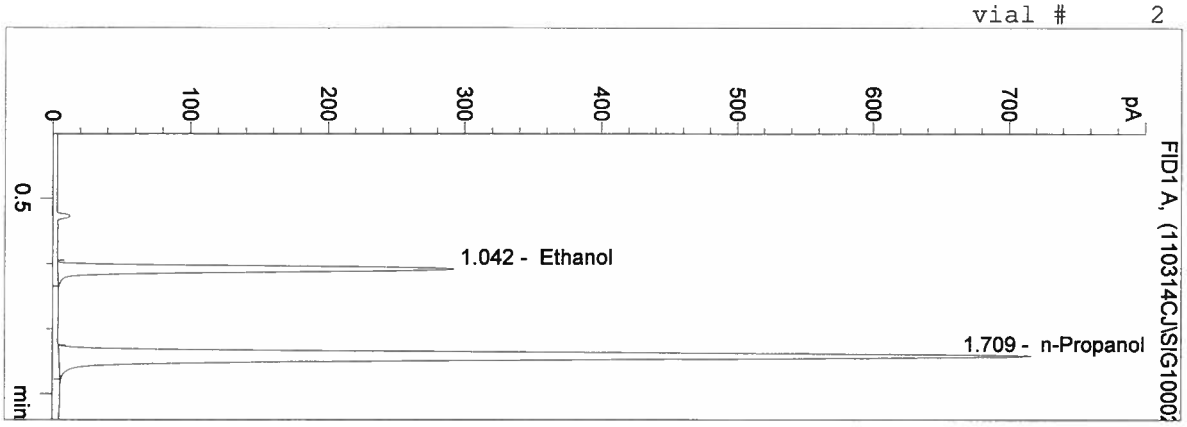
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

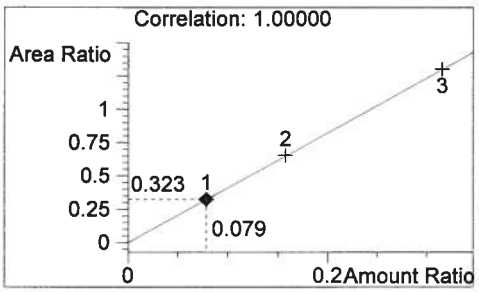
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 3:56:47 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Chris Johnston

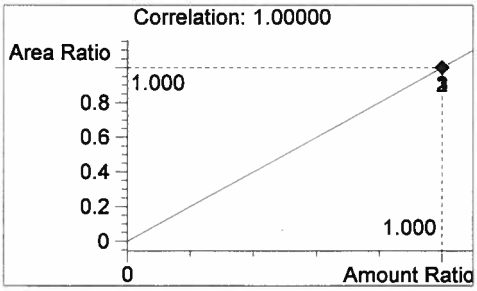
vial # 2



#	Compound	Area	RT
1	Ethanol	904	1.042
2	n-Propanol	2797	1.709
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

a)

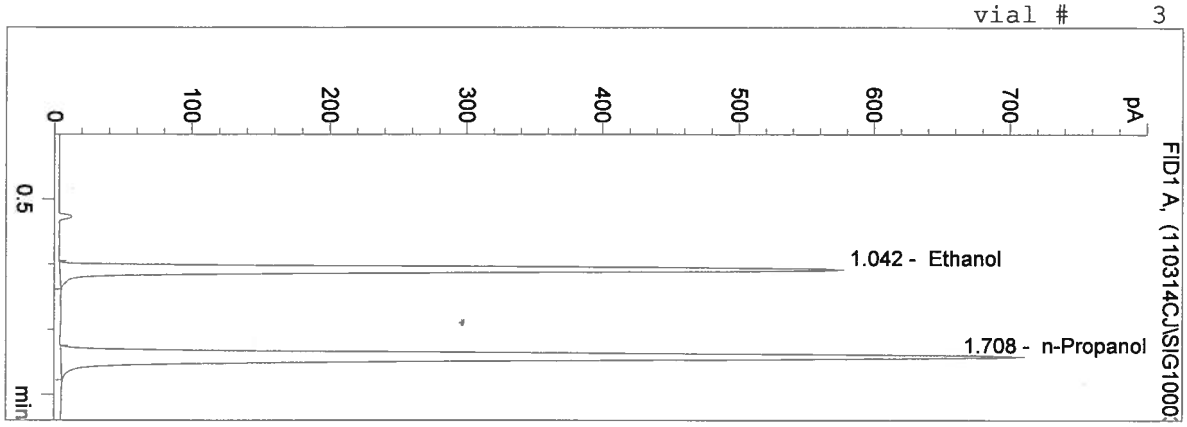
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

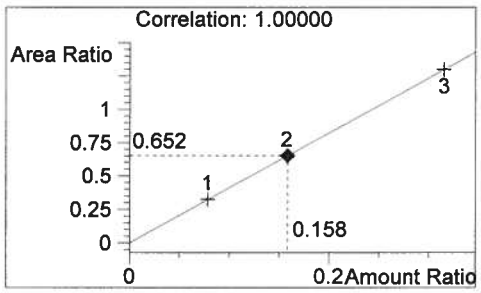
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 3:59:52 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Chris Johnston

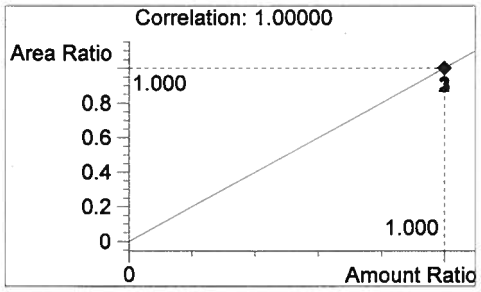
vial # 3



#	Compound	Area	RT
1	Ethanol	1807	1.042
2	n-Propanol	2773	1.708
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

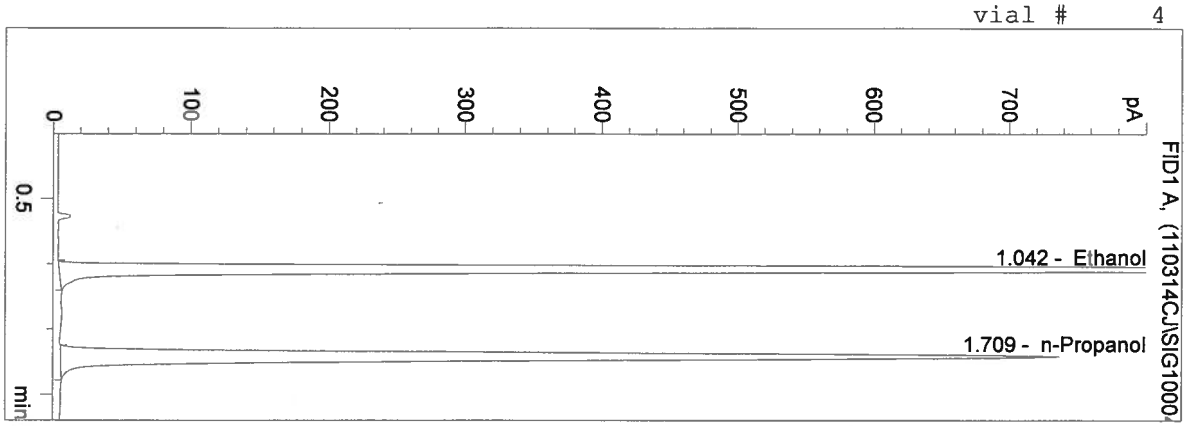
11008

WASHINGTON STATE TOXICOLOGY LABORATORY

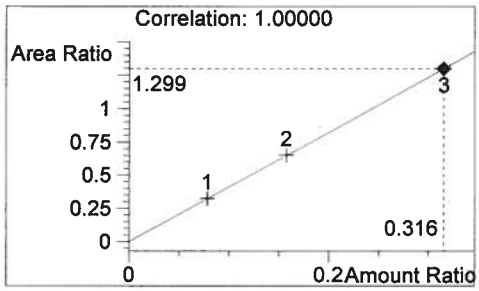
C:\HPCHEM\1\METHODS\SIMALC1.M
3/14/2011 4:02:56 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Chris Johnston

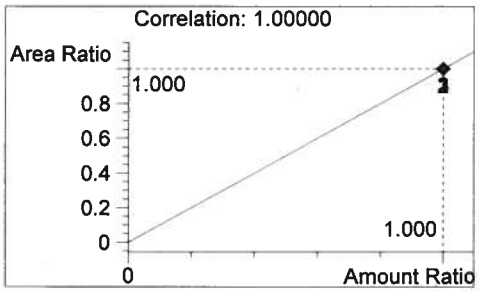
vial # 4



#	Compound	Area	RT
1	Ethanol	3727	1.042
2	n-Propanol	2870	1.709
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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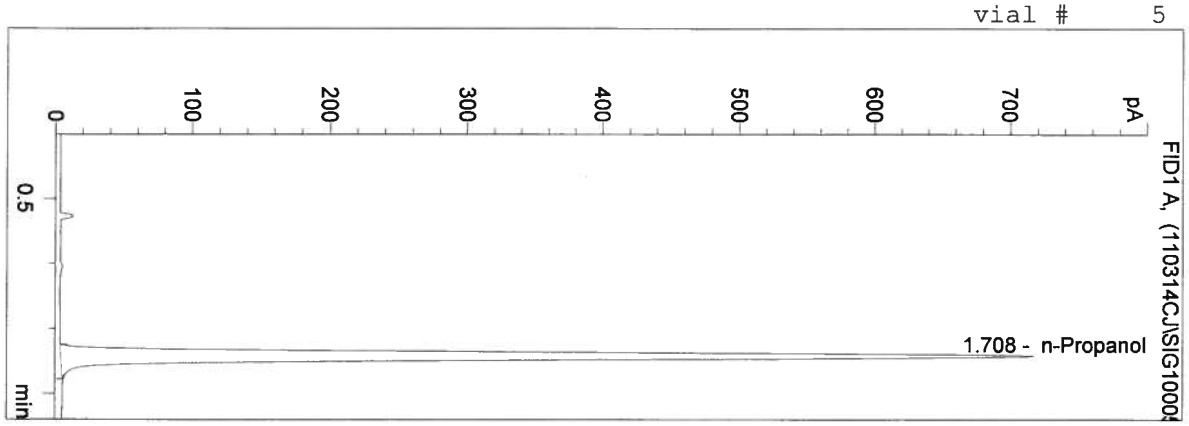
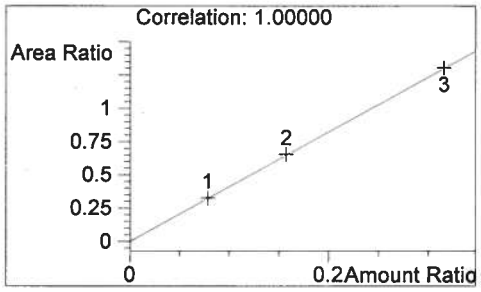
3/14/2011 4:06:01 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

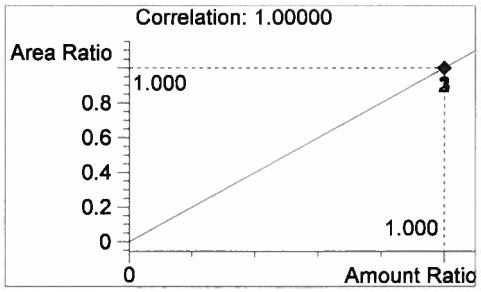
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2795	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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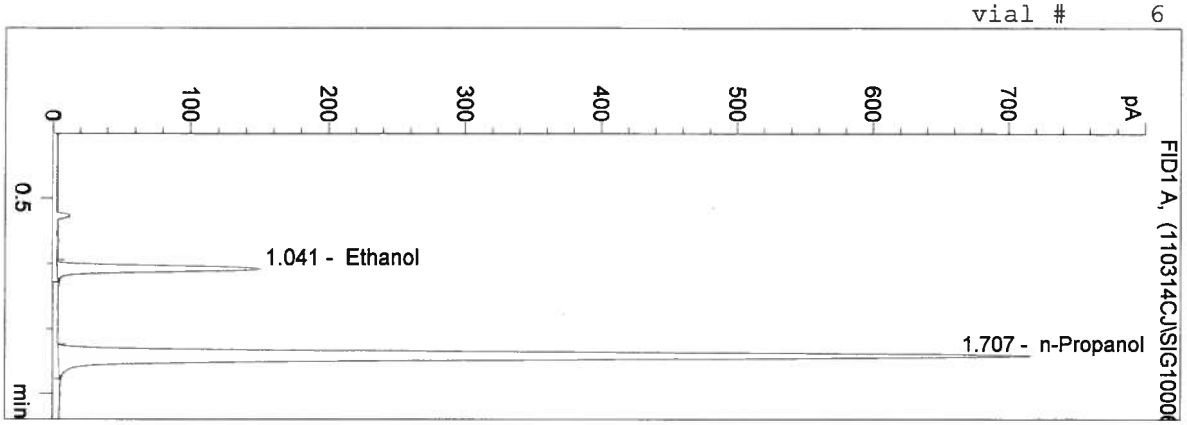
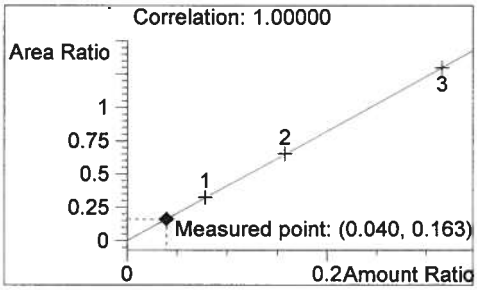
3/14/2011 4:09:06 PM
Instrument 1
DB-ALC1

0.04 CTRL-CJ
Chris Johnston

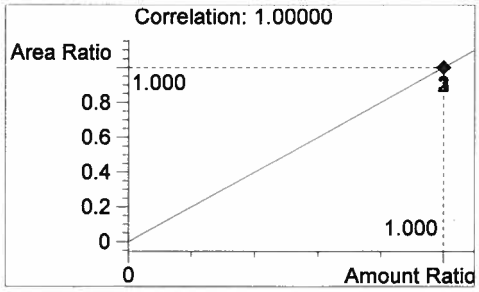
vial # 6



#	Compound	Area	RT
1	Ethanol	455	1.041
2	n-Propanol	2796	1.707
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

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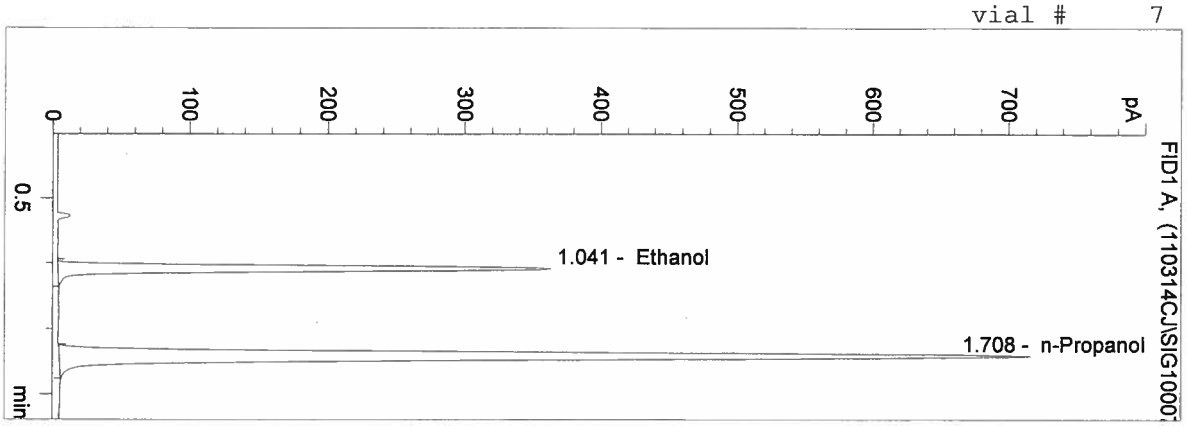
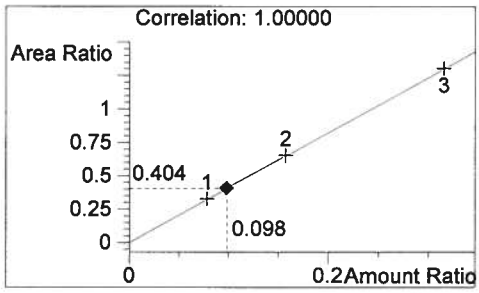
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

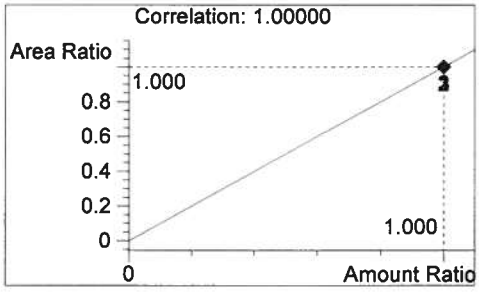
vial # 7



#	Compound	Area	RT
1	Ethanol	1127	1.041
2	n-Propanol	2787	1.708
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

11008

WASHINGTON STATE TOXICOLOGY LABORATORY

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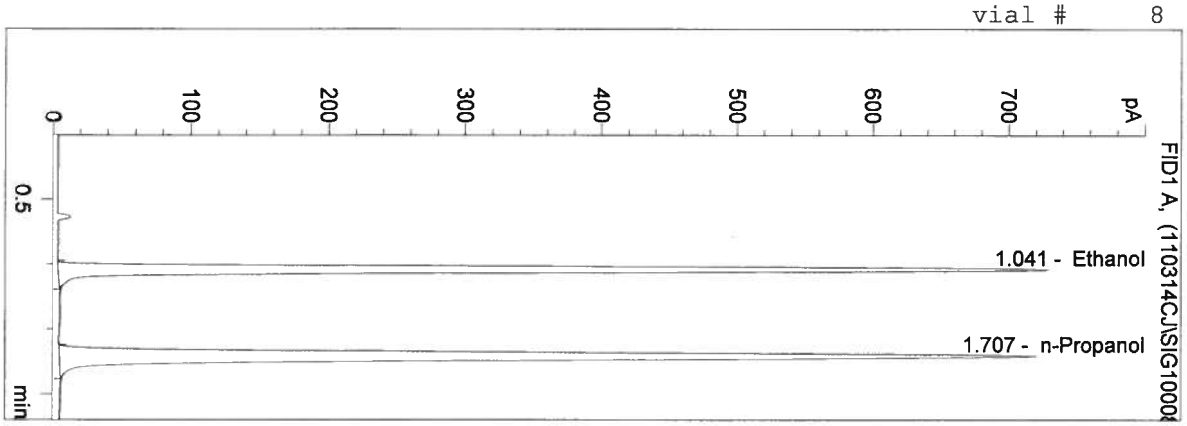
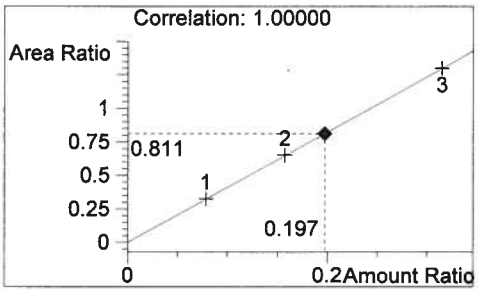
Instrument 1
DB-ALC1

0.20 CTRL-CJ
Chris Johnston

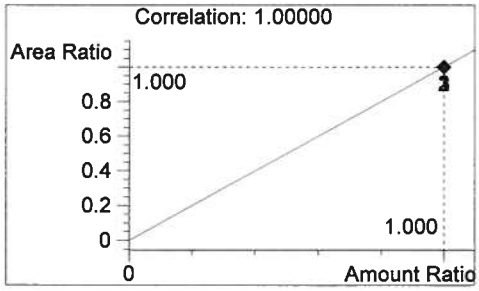
vial # 8



#	Compound	Area	RT
1	Ethanol	2271	1.041
2	n-Propanol	2799	1.707
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

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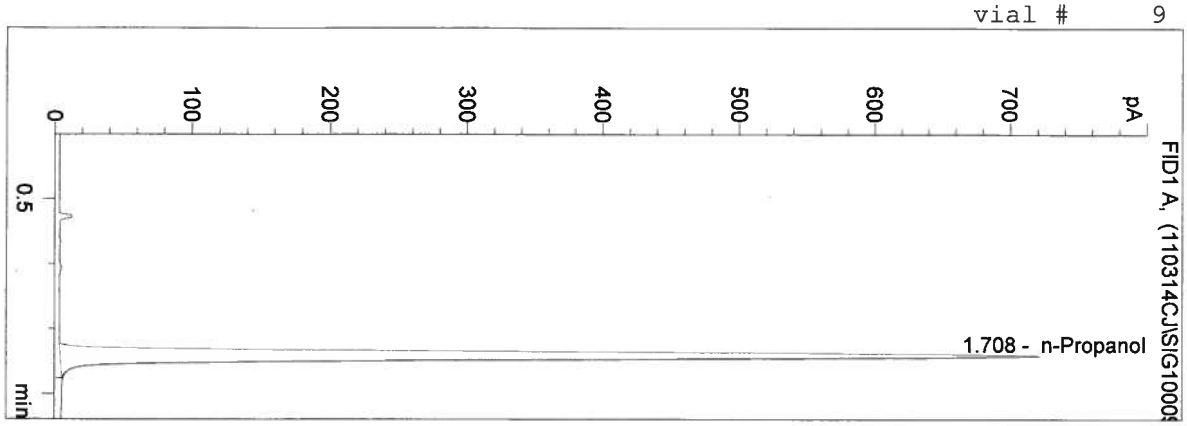
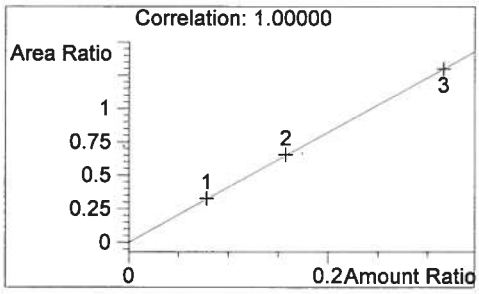
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

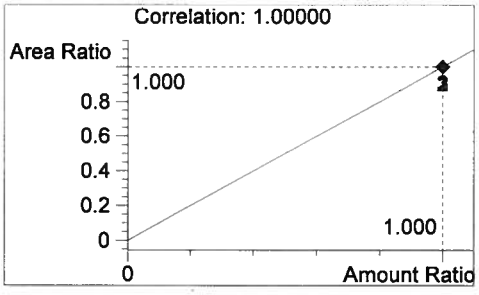
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2810	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

11008

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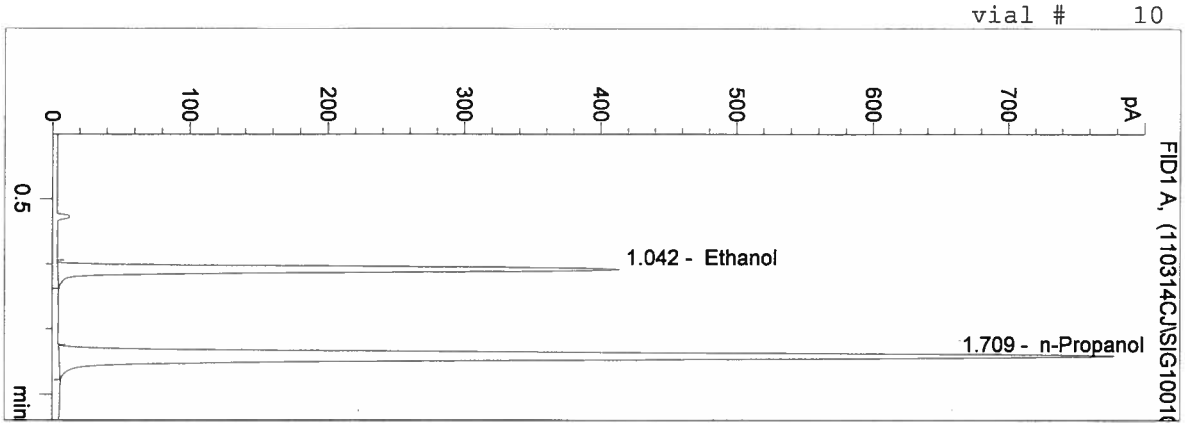
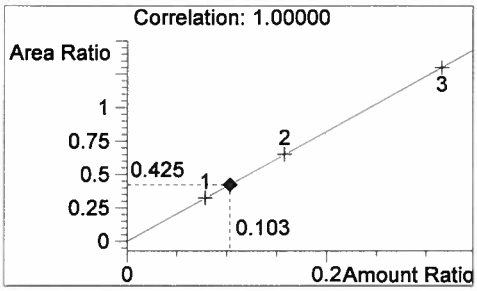
3/14/2011 4:21:25 PM
Instrument 1
DB-ALC1

ESS 11008 #1
Chris Johnston

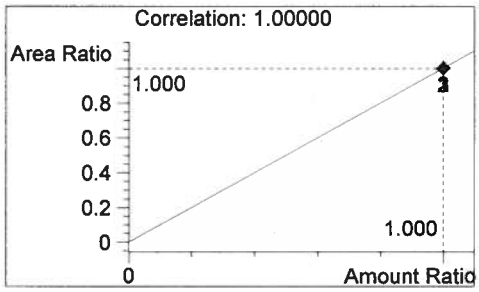
vial # 10



#	Compound	Area	RT
1	Ethanol	1292	1.042
2	n-Propanol	3039	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

eJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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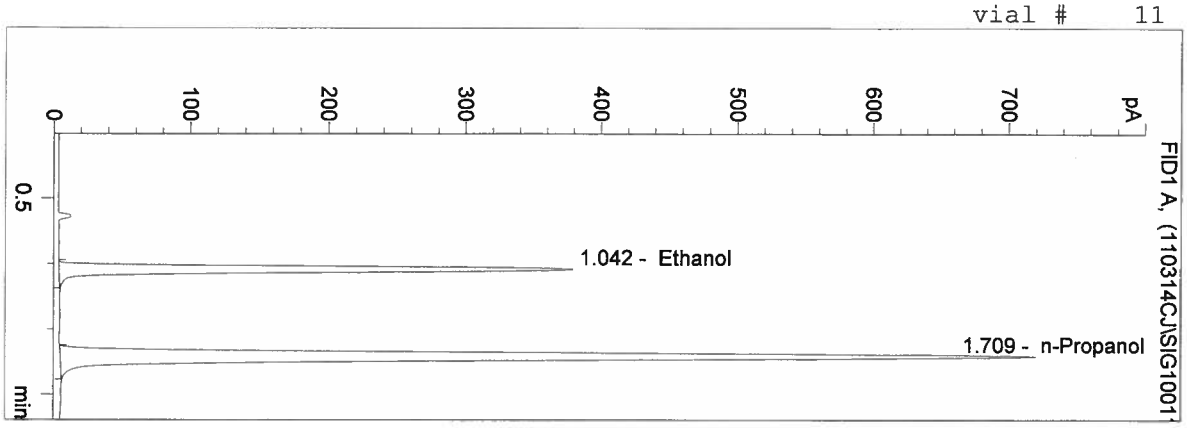
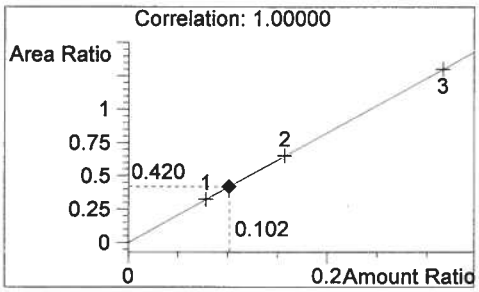
3/14/2011 4:24:30 PM
Instrument 1
DB-ALC1

ESS 11008 #2
Chris Johnston

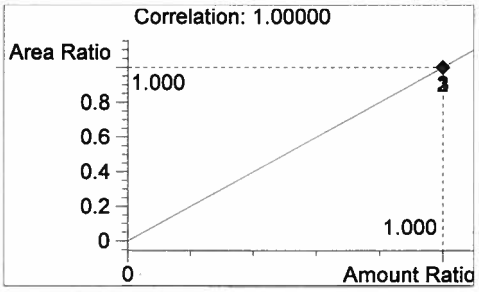
vial # 11



#	Compound	Area	RT
1	Ethanol	1180	1.042
2	n-Propanol	2809	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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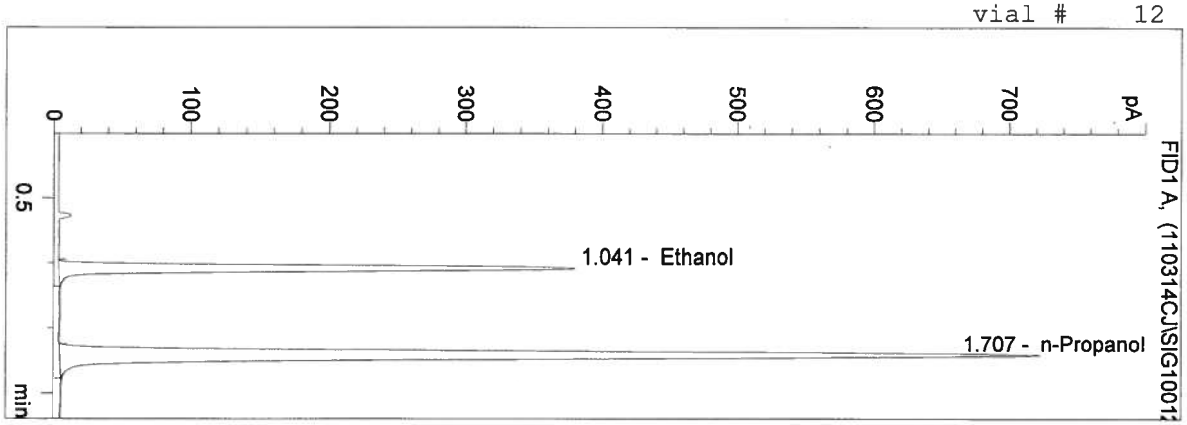
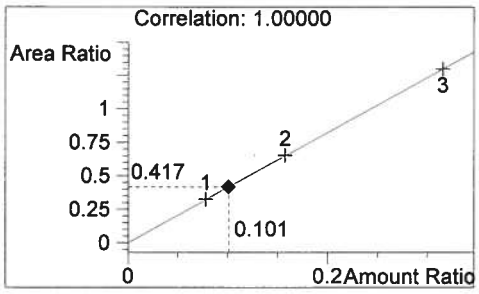
Instrument 1
DB-ALC1

ESS 11008 #3
Chris Johnston

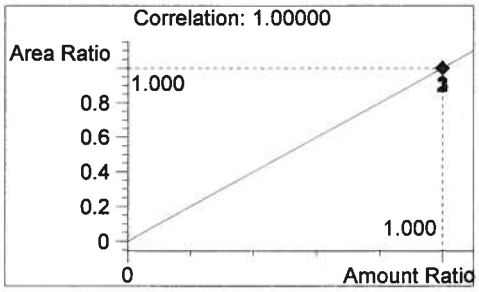
vial # 12



#	Compound	Area	RT
1	Ethanol	1175	1.041
2	n-Propanol	2818	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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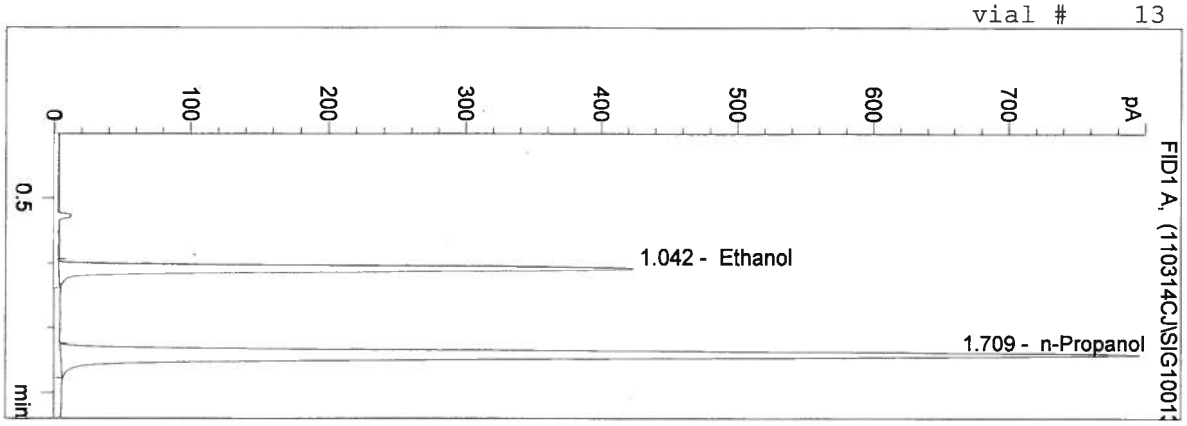
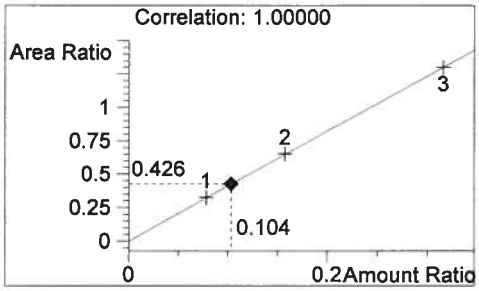
Instrument 1
DB-ALC1

ESS 11008 #4
Chris Johnston

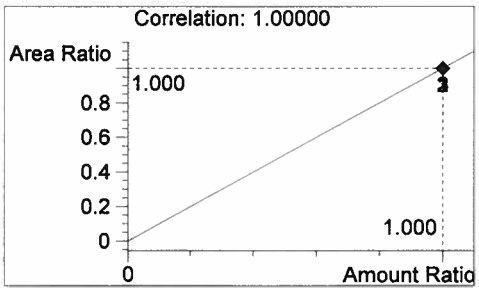
vial # 13



#	Compound	Area	RT
1	Ethanol	1324	1.042
2	n-Propanol	3108	1.709
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

a

WASHINGTON STATE TOXICOLOGY LABORATORY

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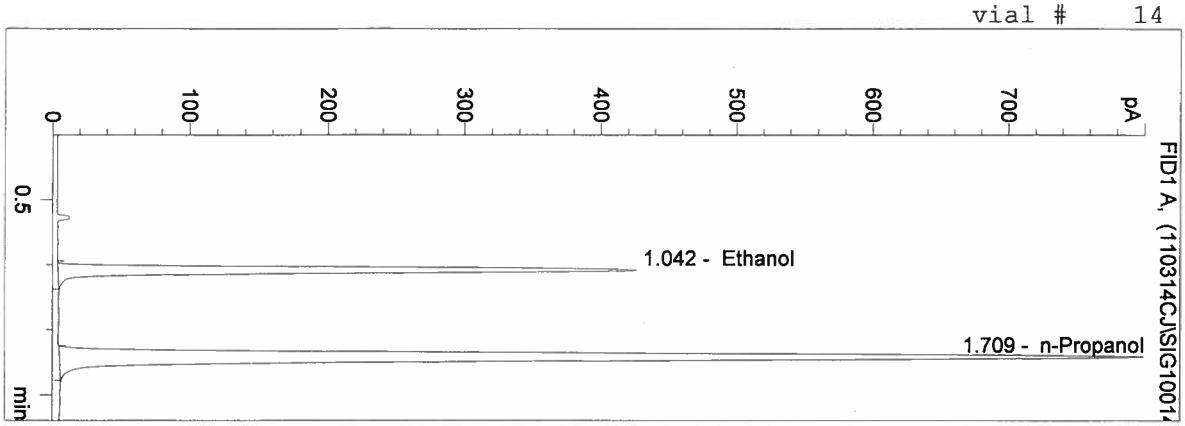
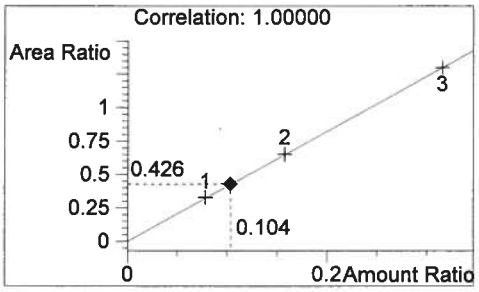
Instrument 1
DB-ALC1

ESS 11008 #5
Chris Johnston

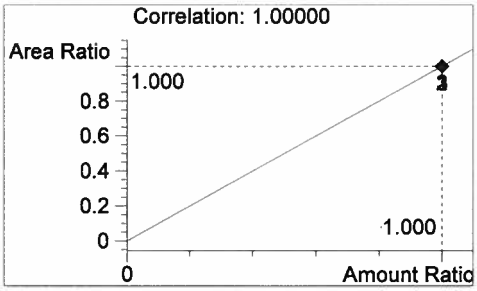
vial # 14



#	Compound	Area	RT
1	Ethanol	1331	1.042
2	n-Propanol	3123	1.709
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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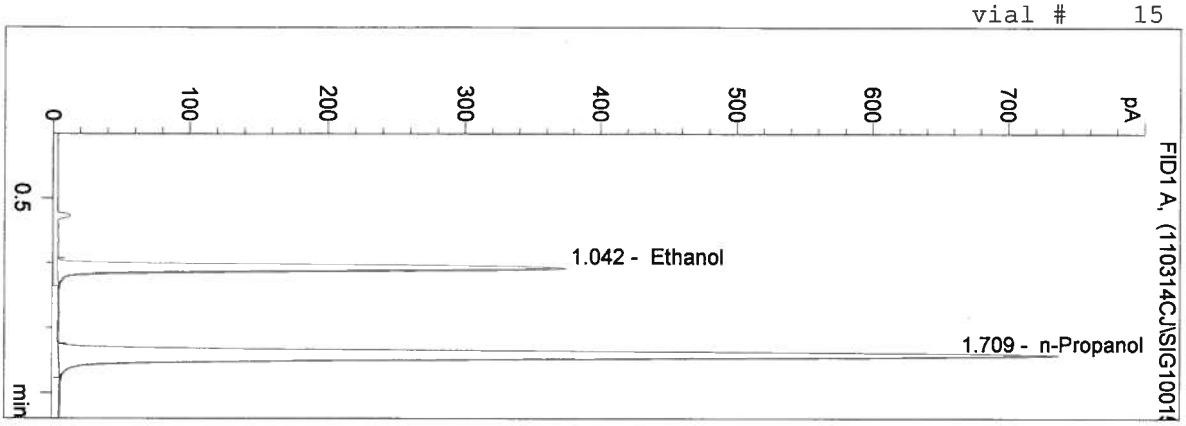
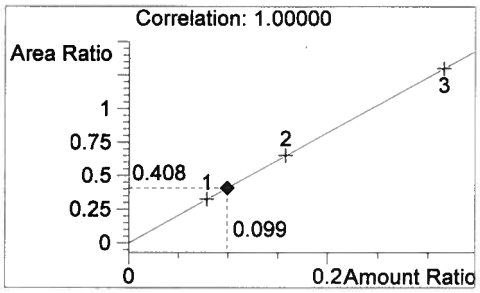
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

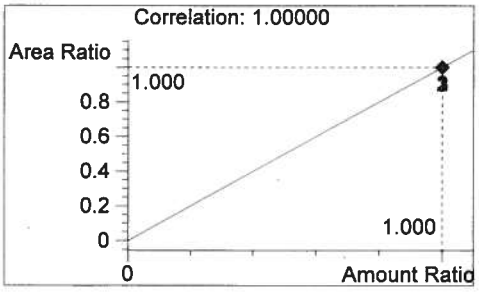
vial # 15



#	Compound	Area	RT
1	Ethanol	1177	1.042
2	n-Propanol	2887	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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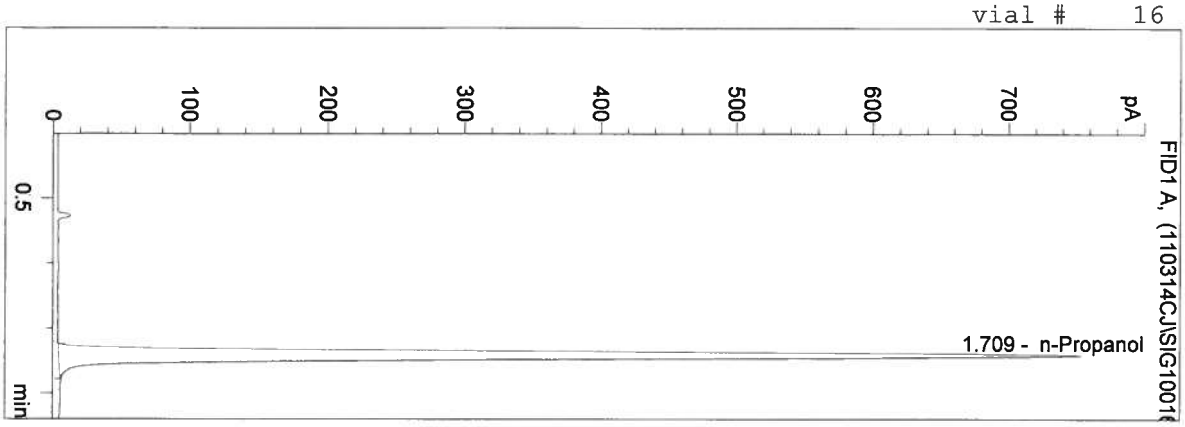
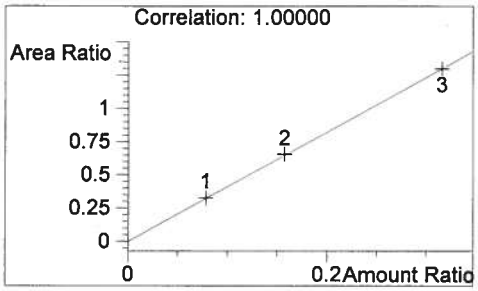
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

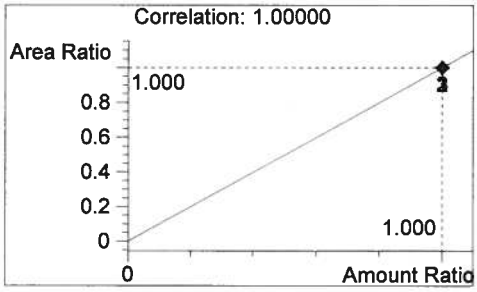
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2946	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11008

WSP-TLD	COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 20110303 Initials of Preparer: SL

Expiration Date: 20120303

Lot # of 200-proof Ethanol used in preparation: 2Q0777

Date the 200-proof Ethanol bottle was opened: 20110208

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	☒	11008

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

20110303
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:

ESS 11008
0.08 g/210L AL
prep: 20110303 exp: 20120303

Analyst Signature

20110303
Date