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

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/18/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 12025

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: 06/12/2012
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Rebecca Flaherty

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

ETHANOL CONTROL INFORMATION
LOT NUMBER: A083355 EXPIRATION: 12/2015 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1031 g/100mL
STANDARD DEVIATION: 0.00071
PRECISION CV (%): 0.69
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0838 g/210L**
EXPANDED UNCERTAINTY: ± 0.0024 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton — FS-5 — 7·17·2012
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
RF	Rebecca Flaherty		06/12/2012
JLK	Justin L. Knoy		06/13/2012
BP	Brianna Peterson	Brianna Peterson	06/13/2012
SS	Sarah Swenson		06/18/2012
CSJ	Christopher S. Johnston		06/18/2012
AJL	Asa J. Louis		06/19/2012
BB	Brittany Ball	Brittany Ball	06/21/2012
CM	Christie Mitchell-Mata		06/25/2012

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 #: **12025** **Date Prepared:** **6/12/2012**

Analyst:	RF	JLK	BP	SS	CSJ	AJL	BB	CM
Date Tested:	6/12/2012	6/13/2012	6/13/2012	6/18/2012	6/18/2012	6/19/2012	6/21/2012	6/25/2012
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.103	0.104	0.103	0.103	0.104	0.103	0.102	0.102
2	0.102	0.104	0.103	0.103	0.103	0.103	0.103	0.103
3	0.103	0.104	0.103	0.102	0.104	0.103	0.102	0.103
4	0.102	0.104	0.103	0.103	0.104	0.102	0.102	0.103
5	0.104	0.104	0.103	0.104	0.103	0.104	0.102	0.103
C	0.102	0.101	0.100	0.101	0.100	0.101	0.101	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000480499	0.0000403620	0.0001016326

Ethanol Control Lot #: A083355
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1031 g/100mL
Standard Deviation: 0.00071 g/100mL
Precision CV (%): 0.69
Equivalent Vapor Concentration: 0.0838 g/210L
Combined Standard Uncertainty (±): 0.0012 g/210L
Expanded Uncertainty (±): 0.0024 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 6-27-12
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 7-17-12 Method: Hand calculation
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton [signature] 6/29/12
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 7-17-12

Location: WSP-FLSB Seattle, WA Solution Batch Number: 12025

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

Comments:

Reviewer Signature: [signature] Date: 7-17-12

Reviewer Signature: N/A AB 7-17-12 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	2012 JUN 27
Brian Capron		
Brianna Peterson	BP	6/27/12
Brianne O'Reilly		
Brittany Ball	BB	6/28/12
Christie Mitchell-Mata	CM	06/27/12
Christopher Johnston	CJ	6/27/12
Dawn Sklerov		
Justin Knoy	JK	6.27.12
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	6.28.12
Sarah Swenson	SMS	6/27/12

Batch # 12025

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 12025

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 12025, was prepared in the Washington State Toxicology Laboratory on 6/12/2012. 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 6/12/2013.

Seattle, WA

6.28.12

Rebecca Flaherty — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12025

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 12025, was prepared in the Washington State Toxicology Laboratory on 6/12/2012. 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 6/12/2013.

Seattle, WA

6/27/12

Justin L. Knoy — Date
Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

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Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12025

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, and Ph.D. degree in Toxicology.

The external standard solution, Lot Number 12025, was prepared in the Washington State Toxicology Laboratory on 6/12/2012. 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 6/12/2013.

Seattle, WA

Brianna Peterson 6/27/12

Brianna Peterson Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

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Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12025

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 nine years of experience in forensic toxicology.

The external standard solution, Lot Number 12025, was prepared in the Washington State Toxicology Laboratory on 6/12/2012. 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 6/12/2013.

Seattle, WA

6/27/12

Sarah M. Swenson — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12025

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 12025, was prepared in the Washington State Toxicology Laboratory on 6/12/2012. 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 6/12/2013.

Seattle, WA

6/27/12

Christopher S. Johnston — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12025

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 12025, was prepared in the Washington State Toxicology Laboratory on 6/12/2012. 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 6/12/2013.

Seattle, WA

2012 Jun 27

Asa J. Louis — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12025

I, Brittany Ball, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The external standard solution, Lot Number 12025, was prepared in the Washington State Toxicology Laboratory on 6/12/2012. 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 6/12/2013.

Seattle, WA

Brittany J Ball 6/28/12

Brittany Ball — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12025

I, Christie Mitchell-Mata, 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 four years experience in forensic toxicology.

The external standard solution, Lot Number 12025, was prepared in the Washington State Toxicology Laboratory on 6/12/2012. 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 6/12/2013.

Seattle, WA

Christie Mitchell-Mata 6/27/12

Christie Mitchell-Mata Date

Forensic Toxicologist

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 06/12/2012 Initials of Preparer: RF

Expiration Date: 06/12/2013

Lot # of 200-proof Ethanol used in preparation: ZW0039

Date the 200-proof Ethanol bottle was opened: 05-15-2012

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	☑	12025

Stir bar is rotating	☑	
Stirred for minimum 30 minutes; 2 hours for ESS	☑	
Spigot purged	☑	
Aliquot taken	☑	
Batch labeled, packaged and sealed	☑	06·12·12 Date

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

Comments:

Analyst Signature

06·12·12
Date

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:	120612RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0412-01 - Exp. 07/11/12
Ethanol Calibrator 2, E0412-02 - Exp. 07/11/12
Ethanol Calibrator 3, E0412-03 - Exp. 07/11/12

0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A076521 - Exp. 12/2014

RF

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	12025 #1	SIMALC1	1	Sample		
11	Vial 11	12025 #2	SIMALC1	1	Sample		
12	Vial 12	12025 #3	SIMALC1	1	Sample		
13	Vial 13	12025 #4	SIMALC1	1	Sample		
14	Vial 14	12025 #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:

12025

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

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

Sequence Table (Back Injector):

No entries - empty table!

RF

12025

Calibration Table

Calib. Data Modified : Tuesday, June 12, 2012 11:59:35 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.91800e-2	872.32941	9.07685e-5	1		Ethanol
		2	1.59320e-1	1734.80420	9.18375e-5			
		3	3.16260e-1	3426.03271	9.23109e-5			
1.704	1	1	1.00000	2408.54468	4.15188e-4	I1		n-Propanol
		2	1.00000	2420.54517	4.13130e-4			
		3	1.00000	2407.10132	4.15437e-4			

Peak Sum Table

No Entries in table

RF

12025

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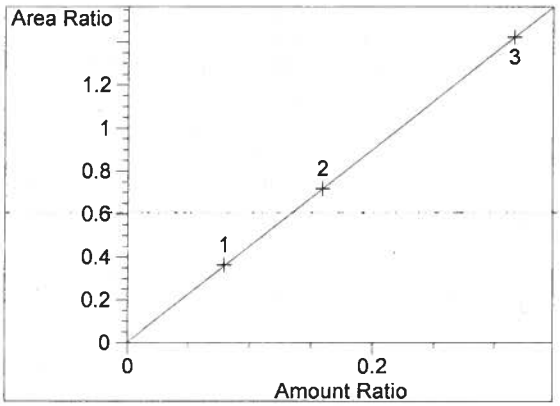
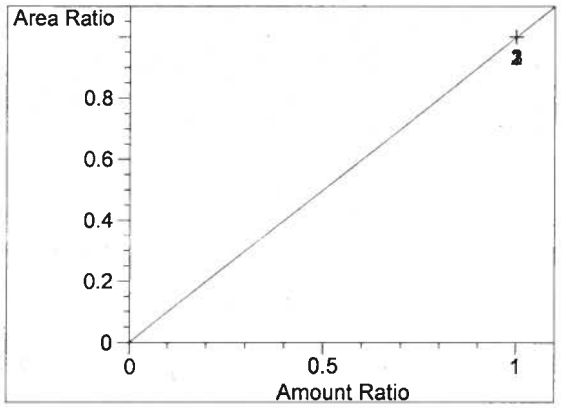
Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00348
Formula: y = mx + b
m: 4.49395
b: 2.27917e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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RF

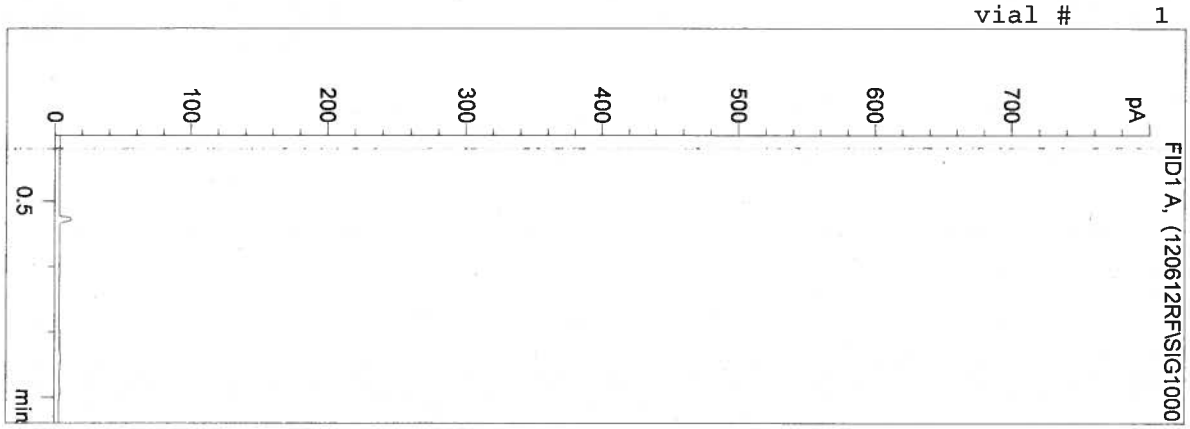
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 11:48:07 AM
Instrument 1
DB-ALC1

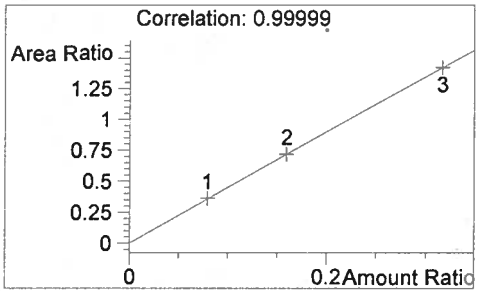
BLANK
Rebecca Flaherty

vial # 1

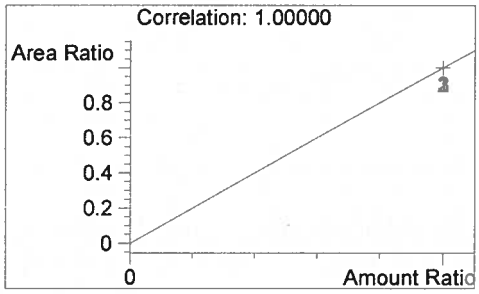


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

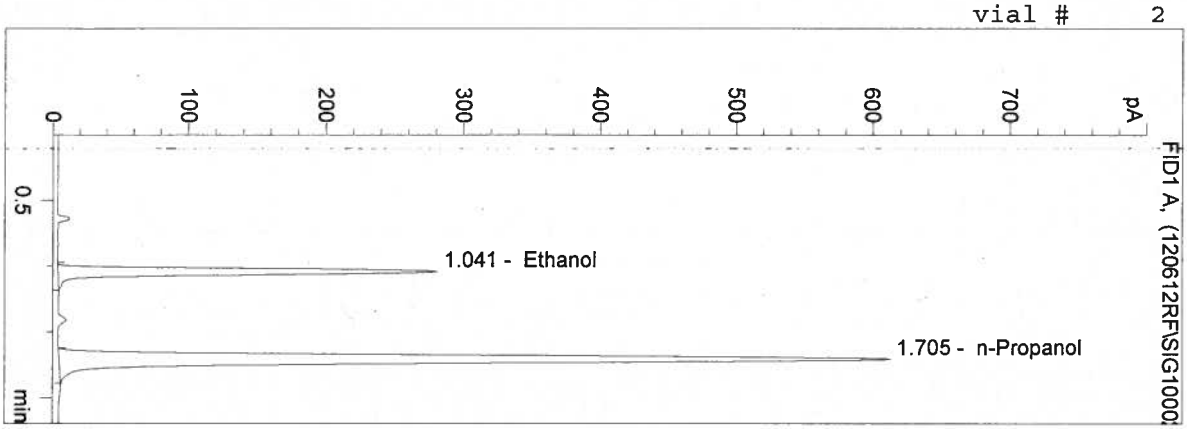
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 11:51:12 AM
Instrument 1
DB-ALC1

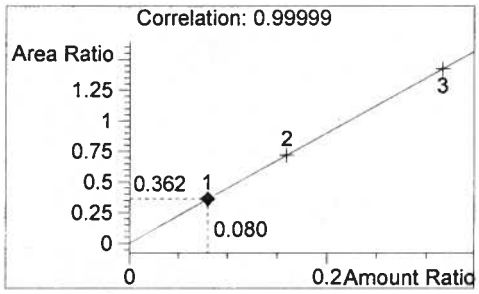
0.079 CAL 1
Rebecca Flaherty

vial # 2

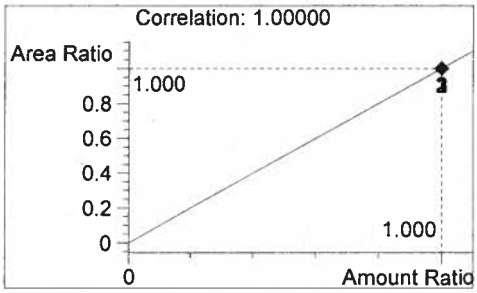


#	Compound	Area	RT
1	Ethanol	872	1.041
2	n-Propanol	2409	1.705
Tot			

RF



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

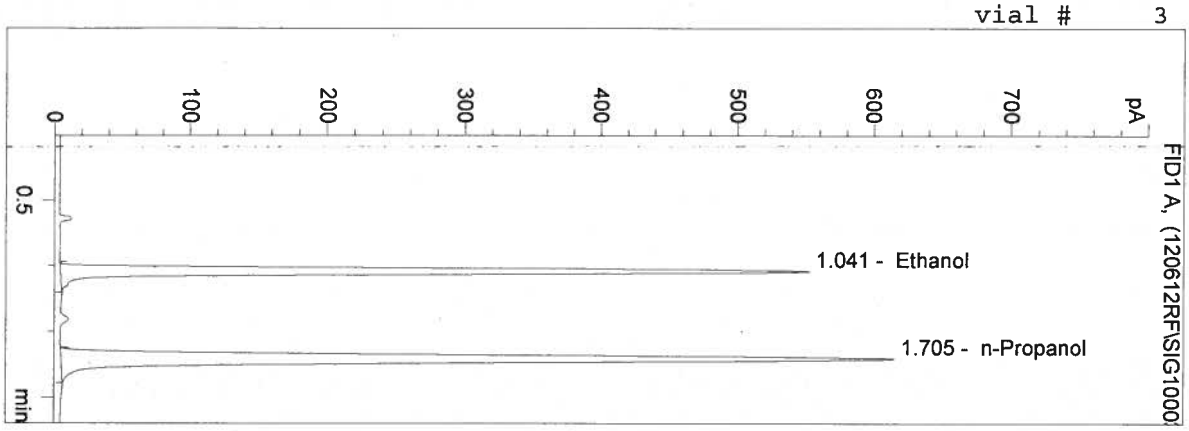
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 11:54:17 AM
Instrument 1
DB-ALC1

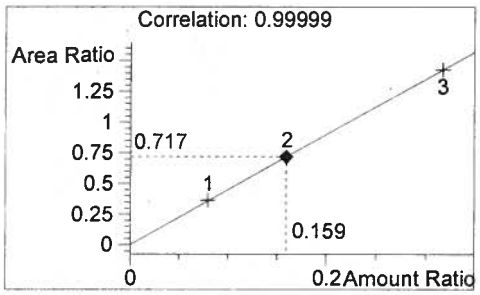
0.158 CAL 2
Rebecca Flaherty

vial # 3

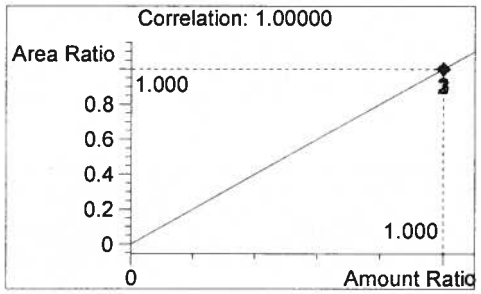


#	Compound	Area	RT
1	Ethanol	1735	1.041
2	n-Propanol	2421	1.705
Tot			

RF



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

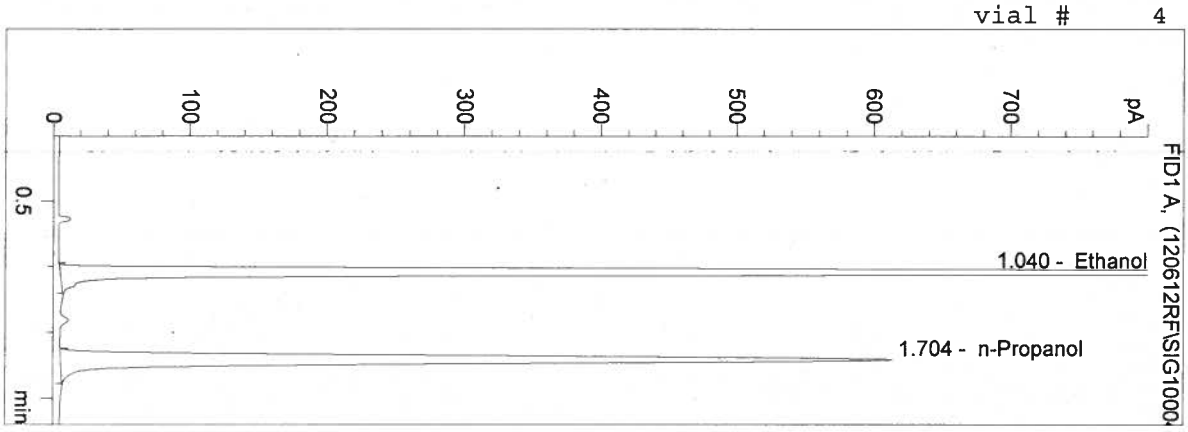
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 11:57:21 AM
Instrument 1
DB-ALC1

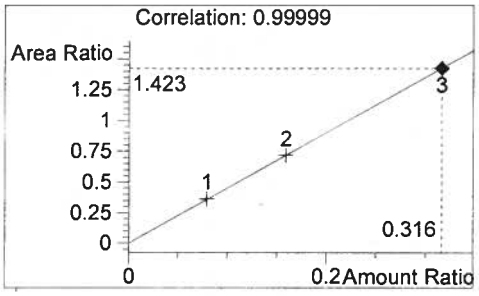
0.316 CAL 3
Rebecca Flaherty

vial # 4

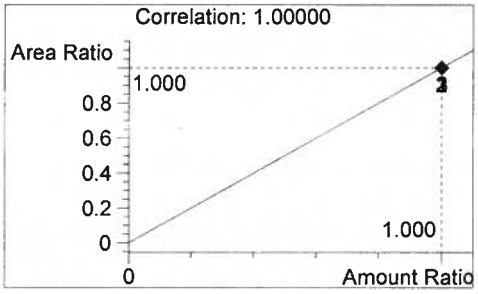


#	Compound	Area	RT
1	Ethanol	3426	1.040
2	n-Propanol	2407	1.704
Tot			

RF



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

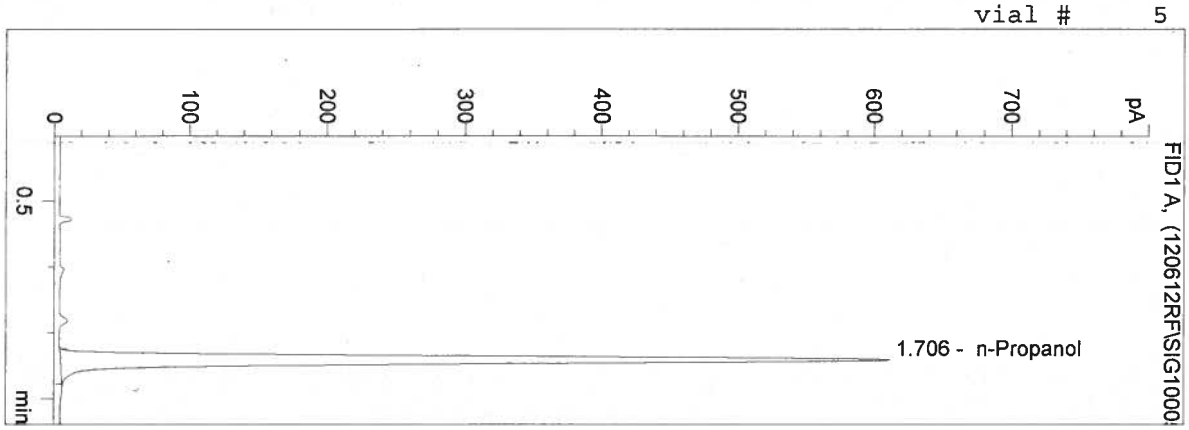
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:00:26 PM
Instrument 1
DB-ALC1

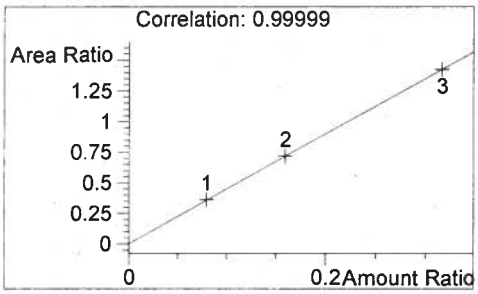
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

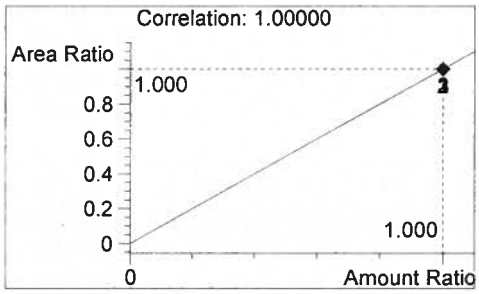


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2410	1.706
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

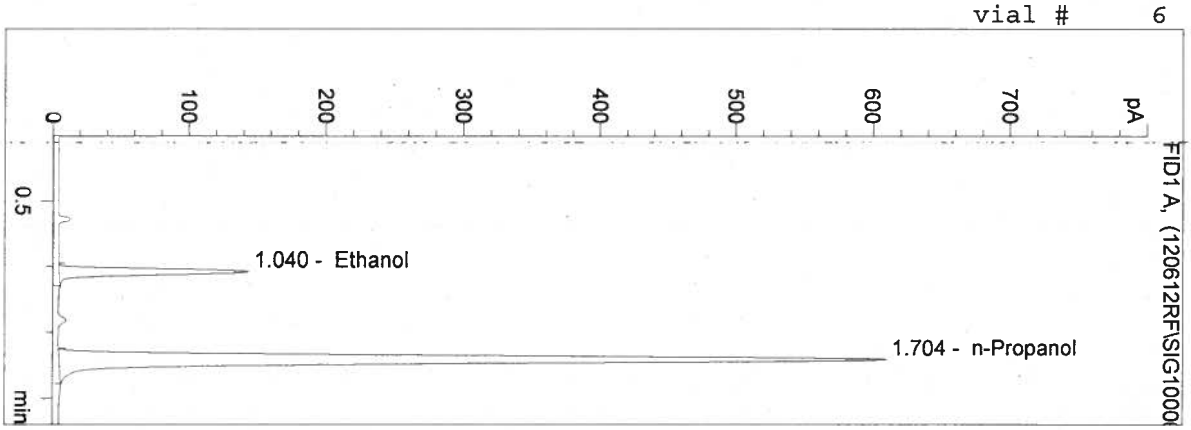
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:03:31 PM
Instrument 1
DB-ALC1

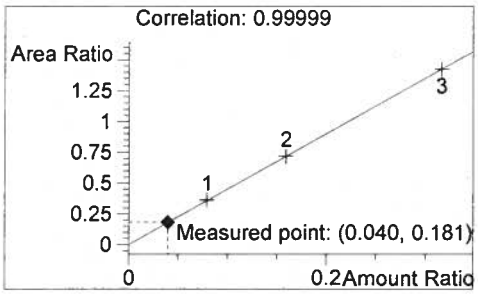
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

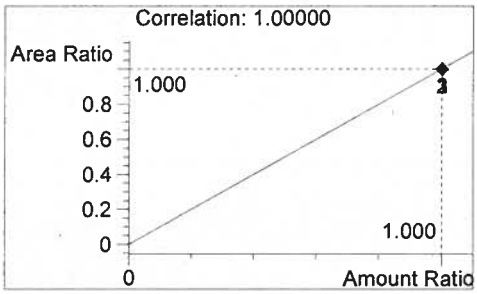


#	Compound	Area	RT
1	Ethanol	434	1.040
2	n-Propanol	2397	1.704
Tot			

RF



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

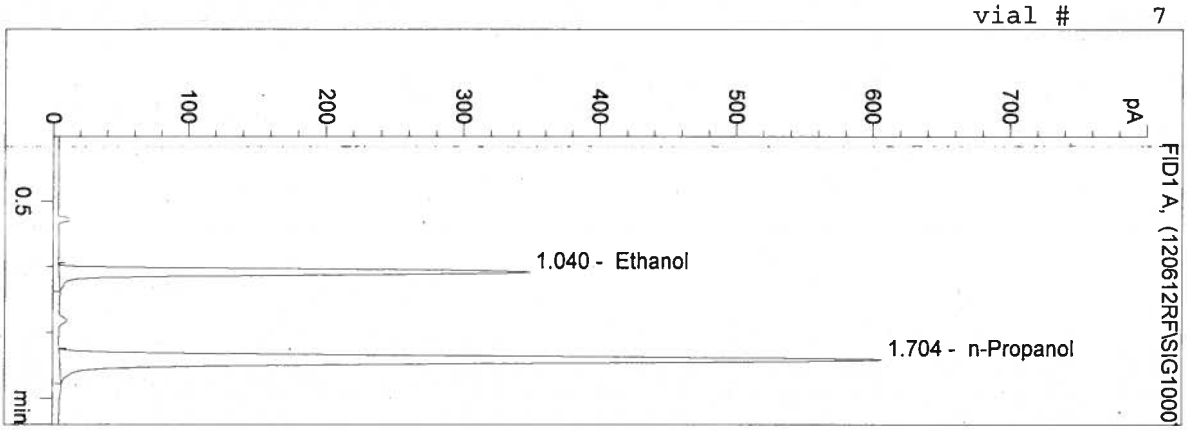
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:06:36 PM
Instrument 1
DB-ALC1

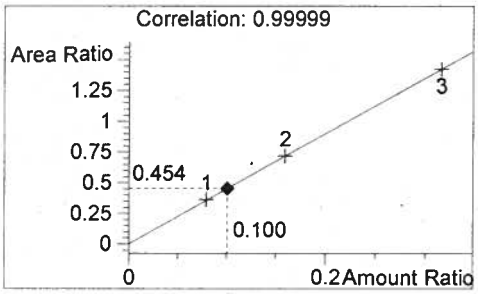
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

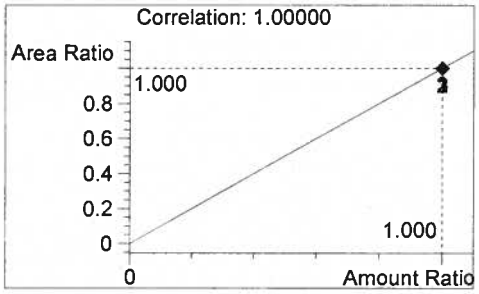


#	Compound	Area	RT
1	Ethanol	1083	1.040
2	n-Propanol	2387	1.704
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

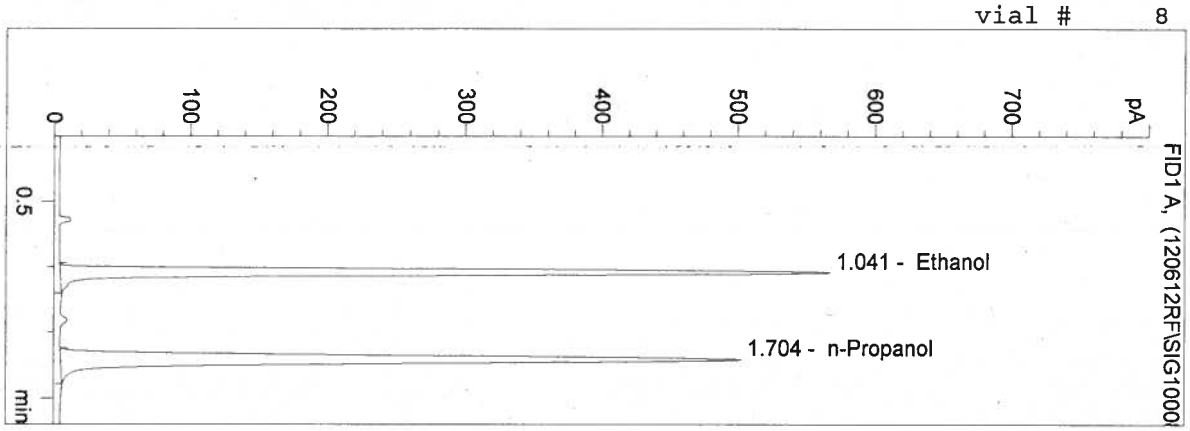
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:09:40 PM
Instrument 1
DB-ALC1

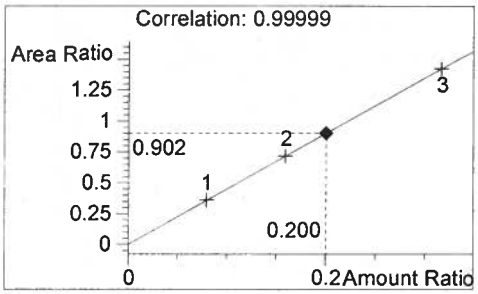
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

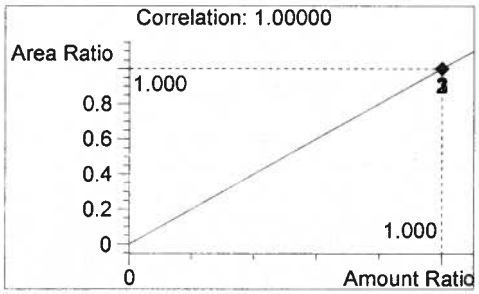


#	Compound	Area	RT
1	Ethanol	1801	1.041
2	n-Propanol	1997	1.704
Tot			

RF



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

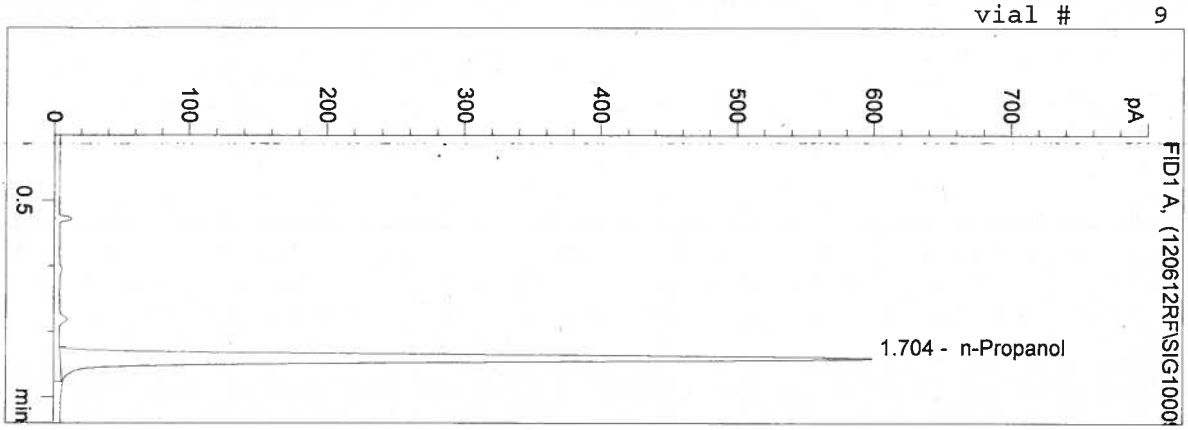
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:12:45 PM
Instrument 1
DB-ALC1

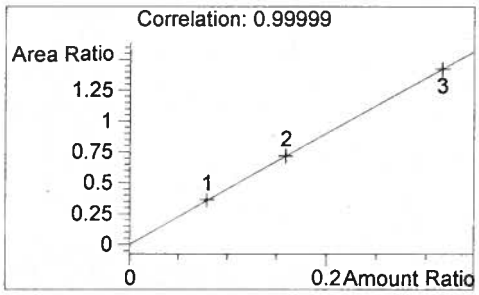
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

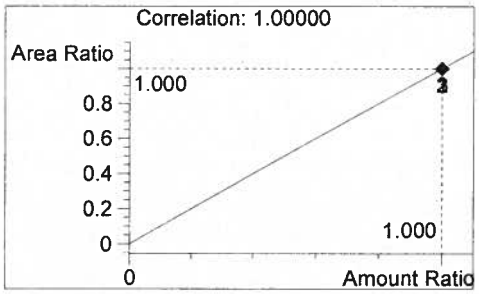


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2359	1.704
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

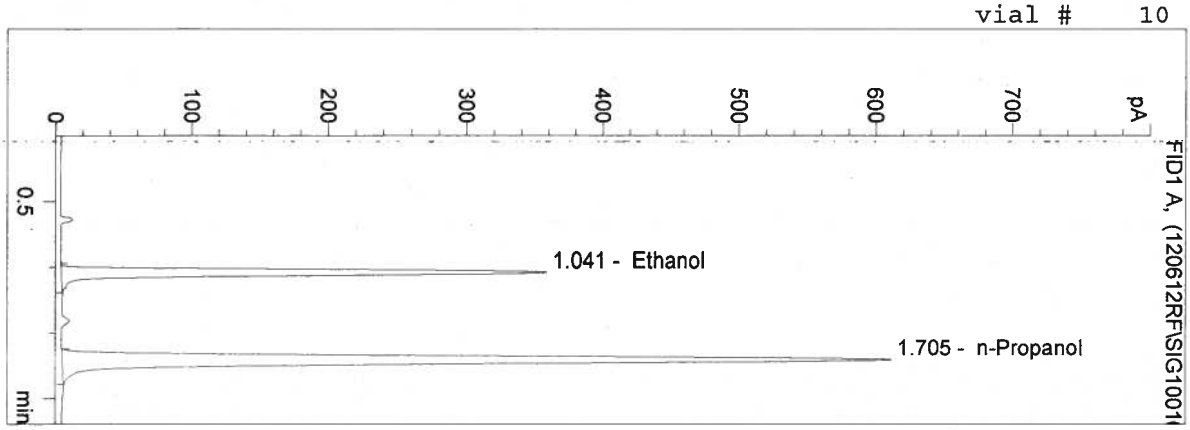
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:15:50 PM
Instrument 1
DB-ALC1

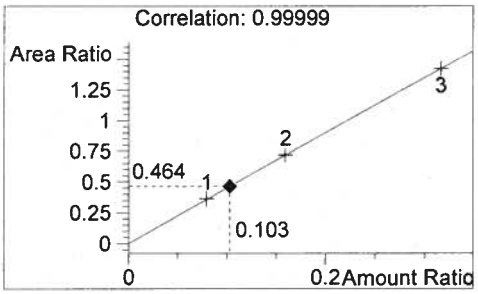
12025 #1
Rebecca Flaherty

vial # 10

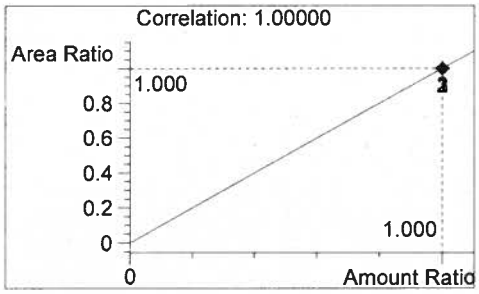


#	Compound	Area	RT
1	Ethanol	1117	1.041
2	n-Propanol	2407	1.705
Tot			

RF



Ethanol 0.103 g/100 mL



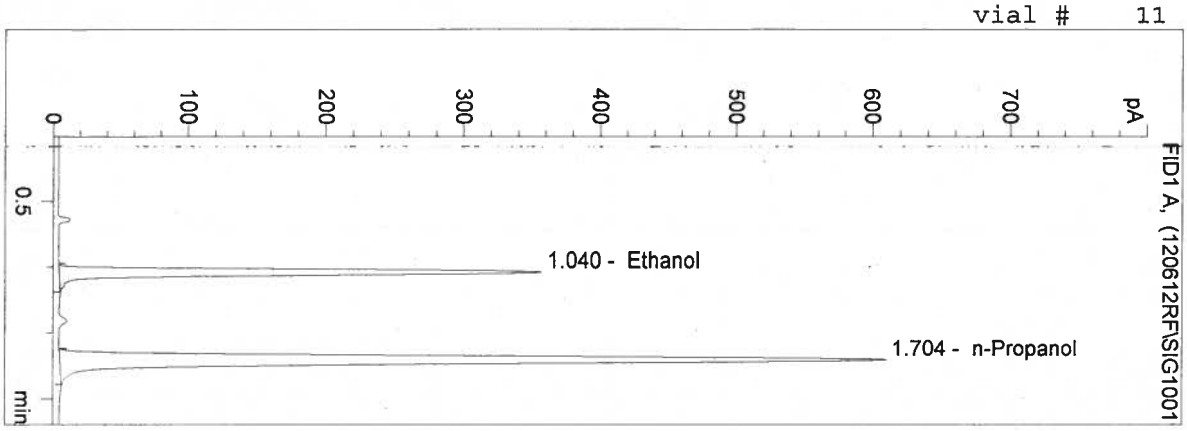
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:18:54 PM
Instrument 1
DB-ALC1

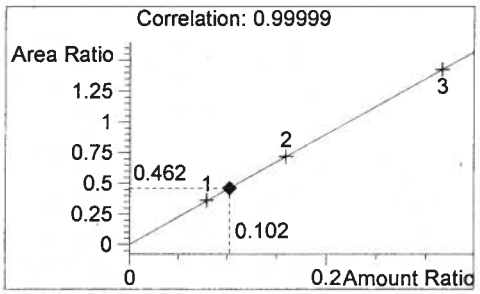
12025 #2
Rebecca Flaherty

vial # 11

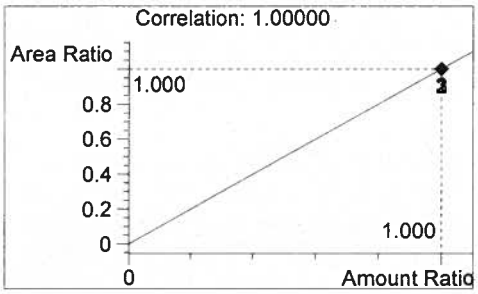


#	Compound	Area	RT
1	Ethanol	1109	1.040
2	n-Propanol	2399	1.704
Tot			

RF



Ethanol 0.102 g/100 mL



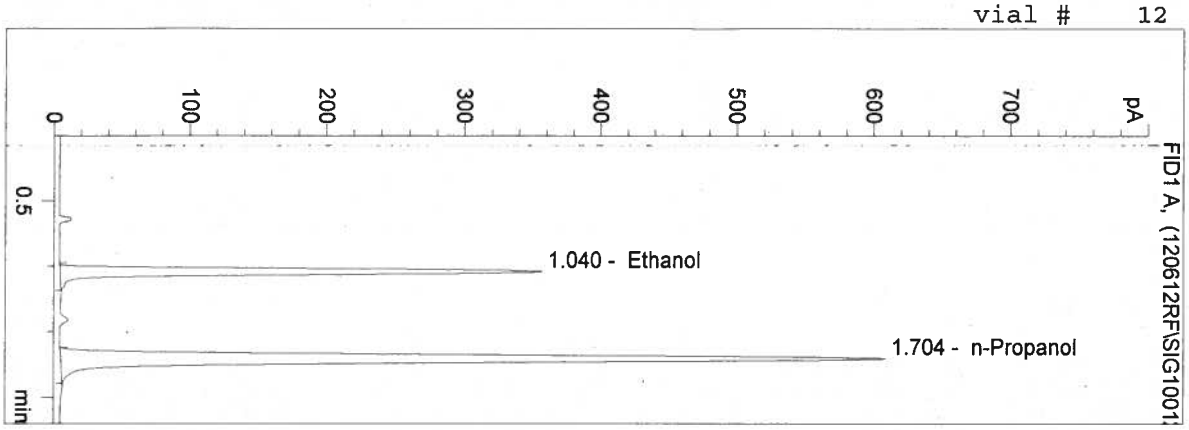
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:21:59 PM
Instrument 1
DB-ALC1

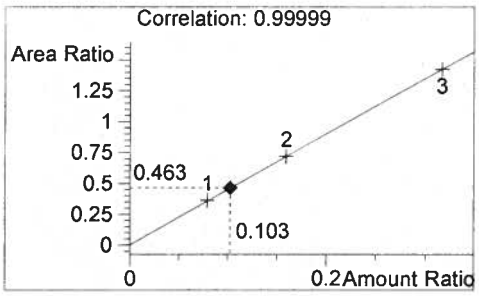
12025 #3
Rebecca Flaherty

vial # 12

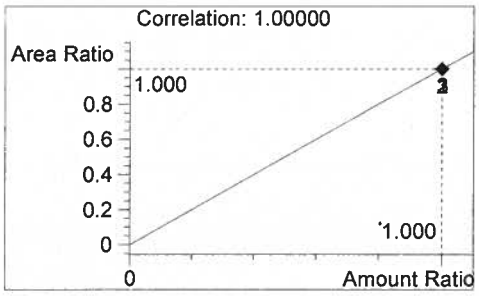


#	Compound	Area	RT
1	Ethanol	1108	1.040
2	n-Propanol	2393	1.704
Tot			

RF



Ethanol 0.103 g/100 mL



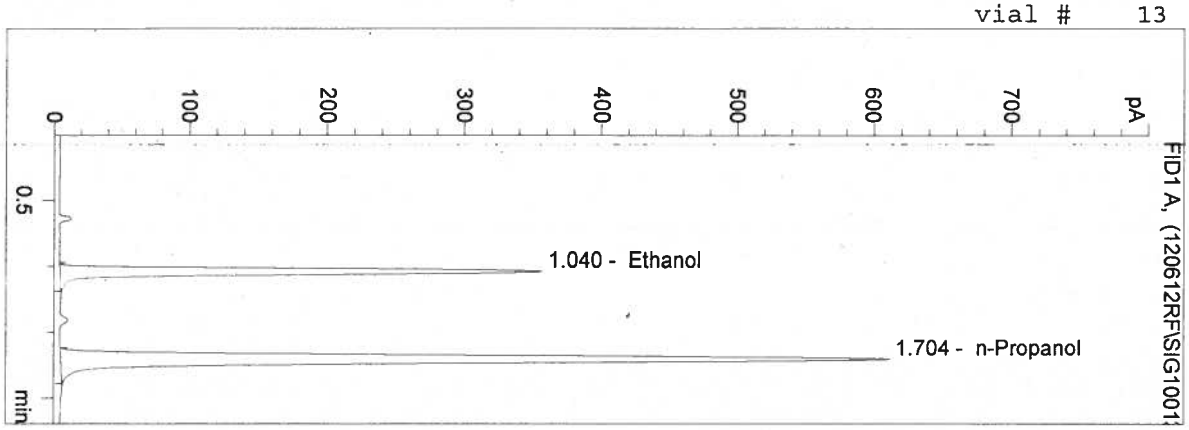
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:25:04 PM
Instrument 1
DB-ALC1

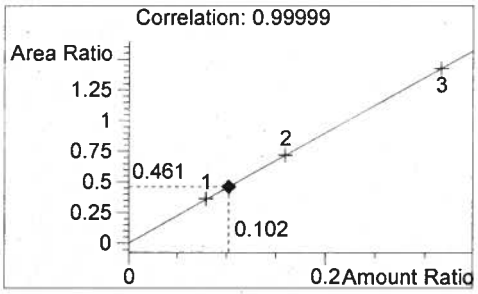
12025 #4
Rebecca Flaherty

vial # 13

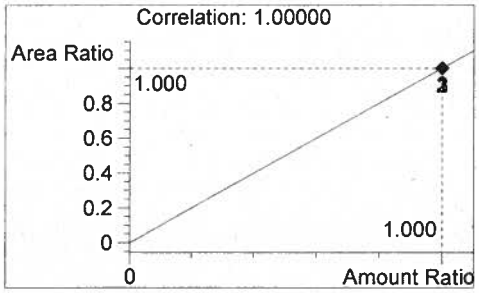


#	Compound	Area	RT
1	Ethanol	1111	1.040
2	n-Propanol	2408	1.704
Tot			

RF



Ethanol 0.102 g/100 mL



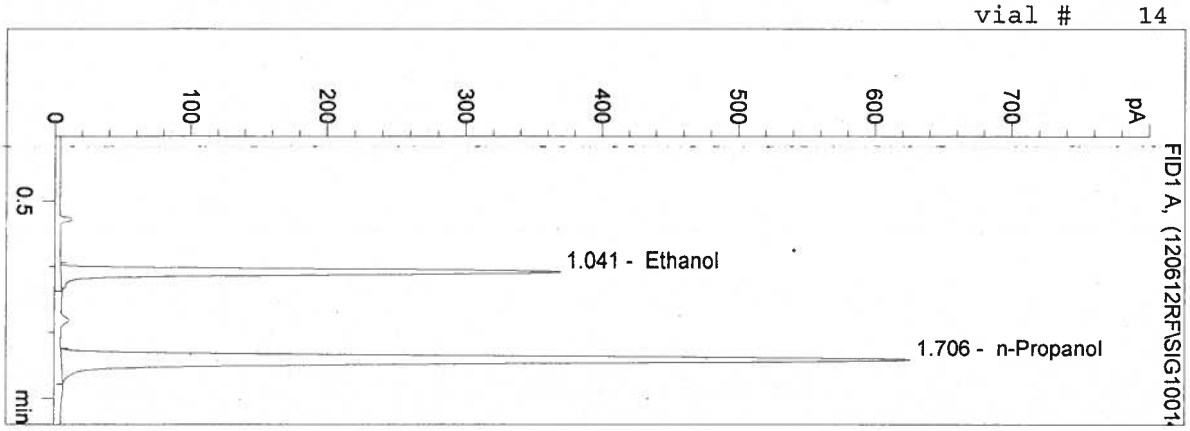
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:28:08 PM
Instrument 1
DB-ALC1

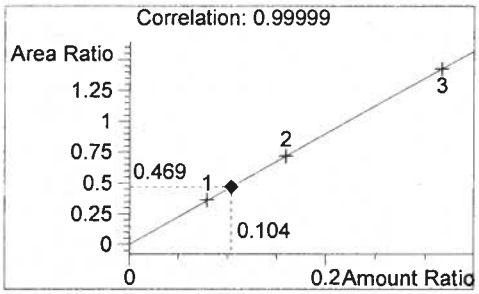
12025 #5
Rebecca Flaherty

vial # 14

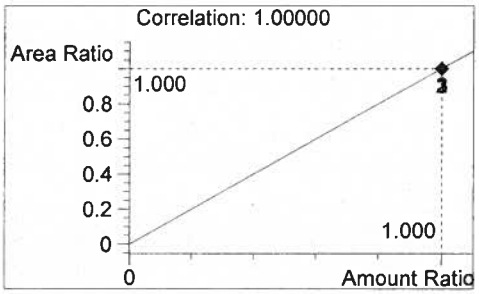


#	Compound	Area	RT
1	Ethanol	1157	1.041
2	n-Propanol	2468	1.706
Tot			

RF



Ethanol 0.104 g/100 mL



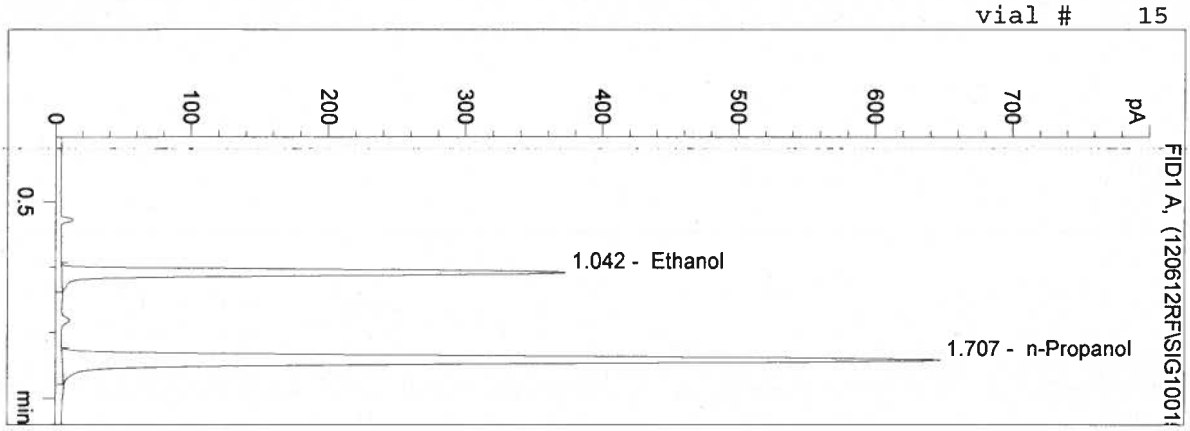
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:31:13 PM
Instrument 1
DB-ALC1

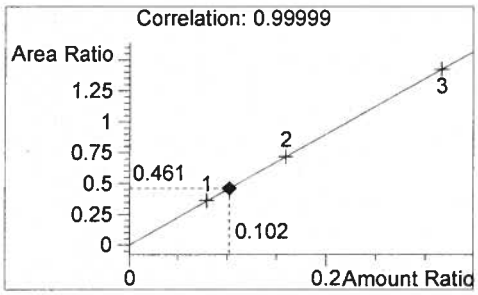
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

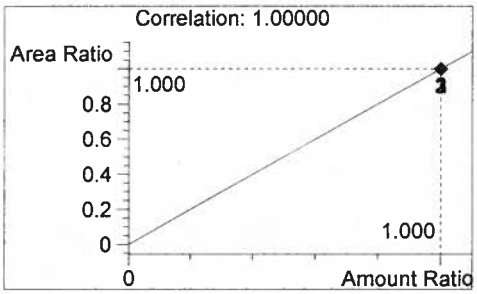


#	Compound	Area	RT
1	Ethanol	1179	1.042
2	n-Propanol	2560	1.707
Tot			

RF



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

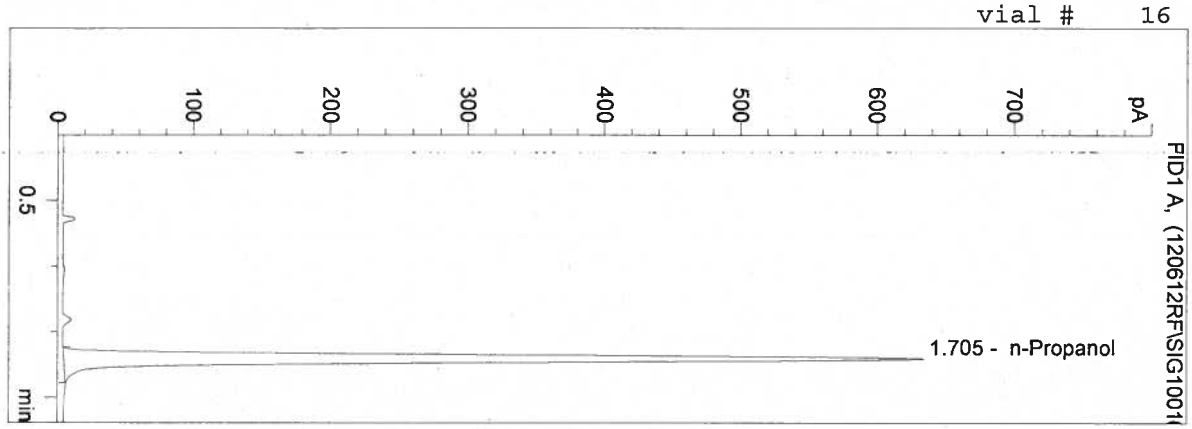
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/12/2012 12:34:18 PM
Instrument 1
DB-ALC1

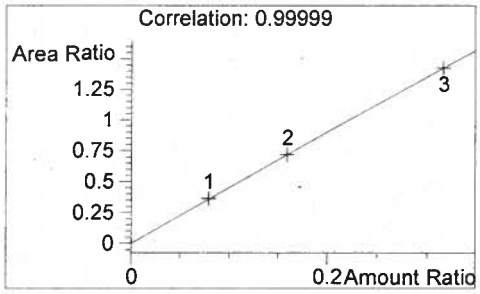
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

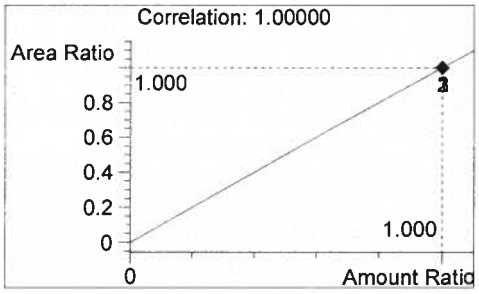


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2495	1.705
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120613JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0412-01 - Exp. 07/11/2012
Ethanol Calibrator 2, E0412-02 - Exp. 07/11/2012
Ethanol Calibrator 3, E0412-03 - Exp. 07/11/2012

0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A076521 - Exp. 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC1	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC1	1	Calib		
4	Vial 4	CAL3 0.316	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	12025-1	SIMALC1	1	Sample		
11	Vial 11	12025-2	SIMALC1	1	Sample		
12	Vial 12	12025-3	SIMALC1	1	Sample		
13	Vial 13	12025-4	SIMALC1	1	Sample		
14	Vial 14	12025-5	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:

12025

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC1	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC1	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC1	3	Replace	Replace	

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

Sequence Table (Back Injector):

No entries - empty table!

12025

Calibration Table

Calib. Data Modified : Wednesday, June 13, 2012 11:58:31 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.91800e-2	859.49615	9.21237e-5	1		Ethanol
		2	1.59320e-1	1722.48096	9.24945e-5			
		3	3.16260e-1	3410.01758	9.27444e-5			
1.705	1	1	1.00000	2393.92798	4.17724e-4	I1		n-Propanol
		2	1.00000	2414.18945	4.14218e-4			
		3	1.00000	2413.20117	4.14387e-4			

Peak Sum Table

No Entries in table

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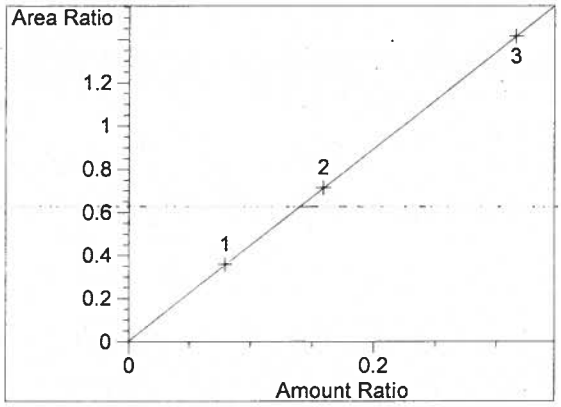
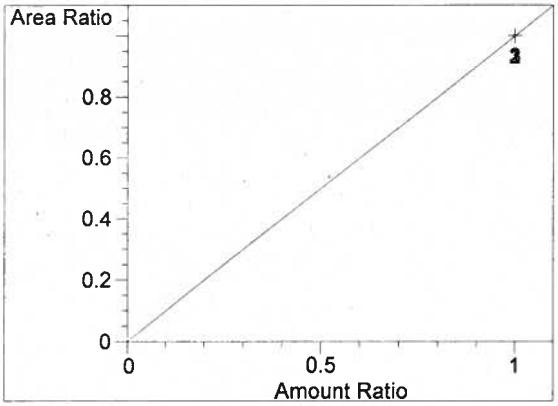
Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00291
Formula: y = mx + b
m: 4.46296
b: 2.42703e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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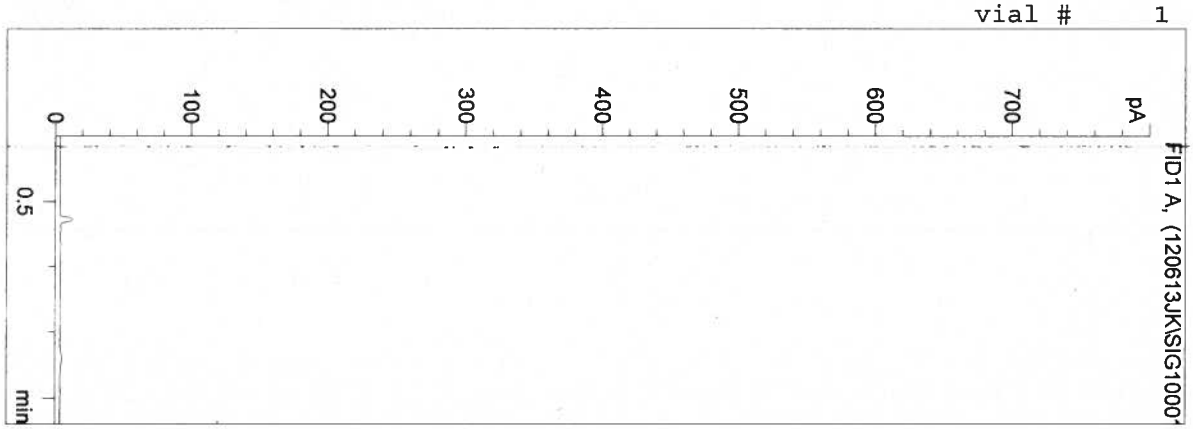
WASHINGTON STATE TOXICOLOGY LABORATORY

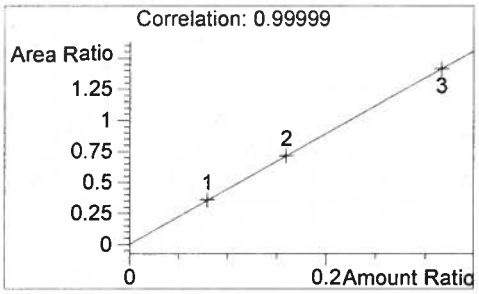
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 11:47:04 AM
Instrument 1
DB-ALC1

BLANK
Justin Knoy

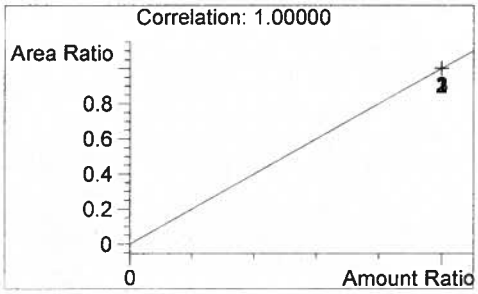
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

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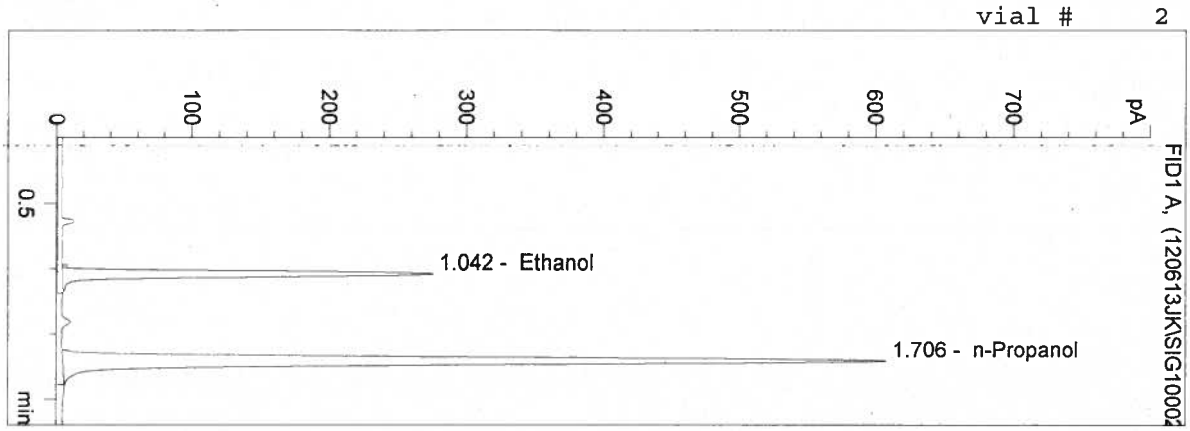
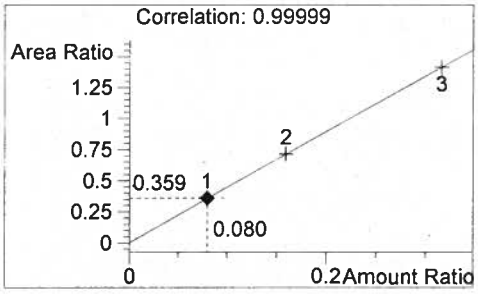
Instrument 1
DB-ALC1

CAL1 0.079
Justin Knoy

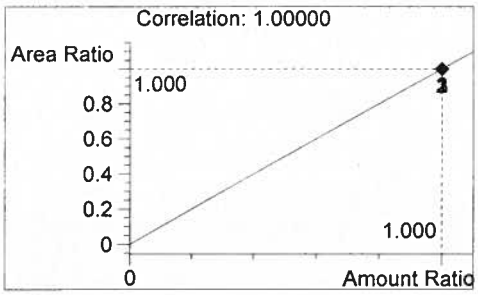
vial # 2



#	Compound	Area	RT
1	Ethanol	859	1.042
2	n-Propanol	2394	1.706
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

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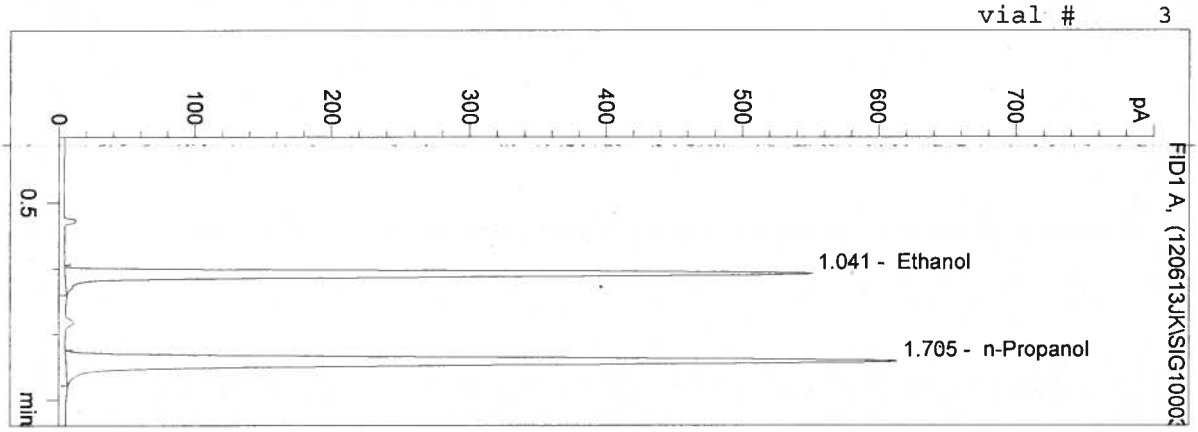
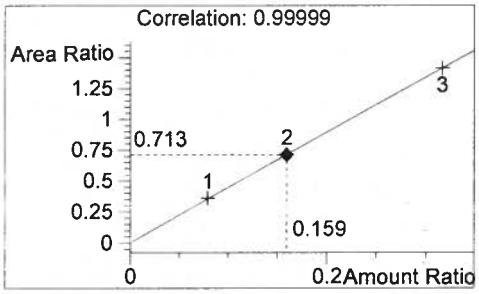
Instrument 1
DB-ALC1

CAL2 0.158
Justin Knoy

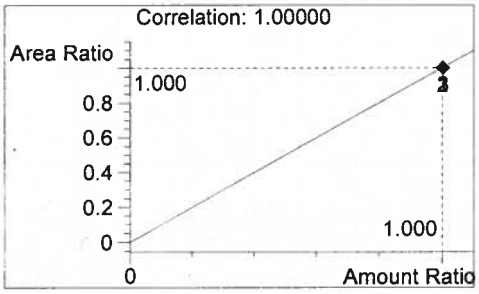
vial # 3



#	Compound	Area	RT
1	Ethanol	1722	1.041
2	n-Propanol	2414	1.705
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

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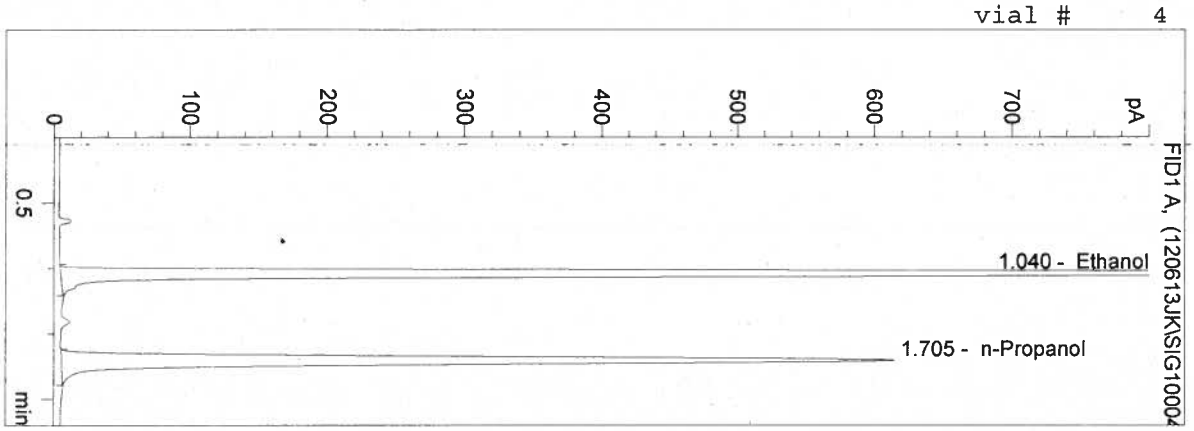
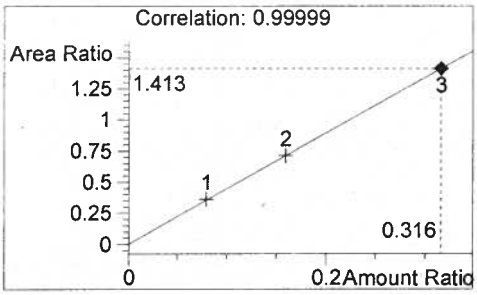
6/13/2012 11:56:18 AM
Instrument 1
DB-ALC1

CAL3 0.316
Justin Knoy

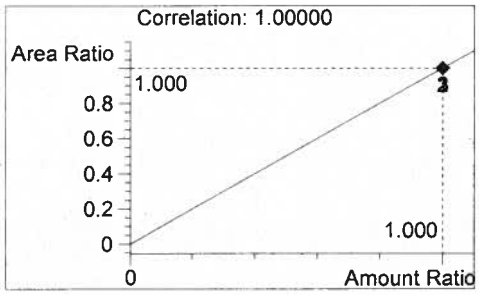
vial # 4



#	Compound	Area	RT
1	Ethanol	3410	1.040
2	n-Propanol	2413	1.705
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

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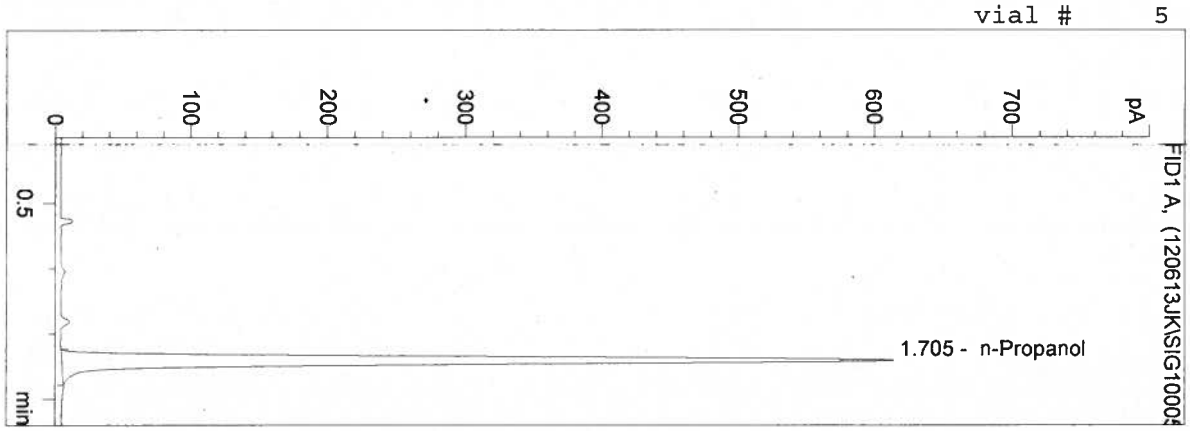
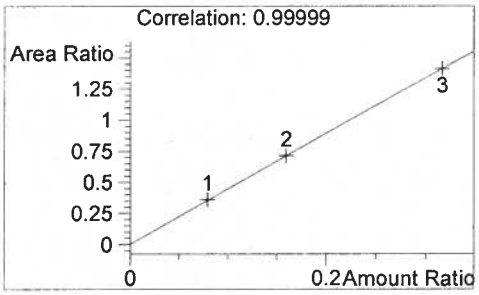
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

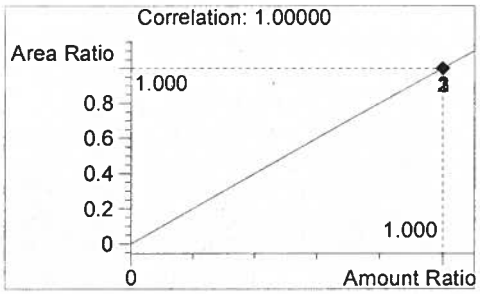
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2419	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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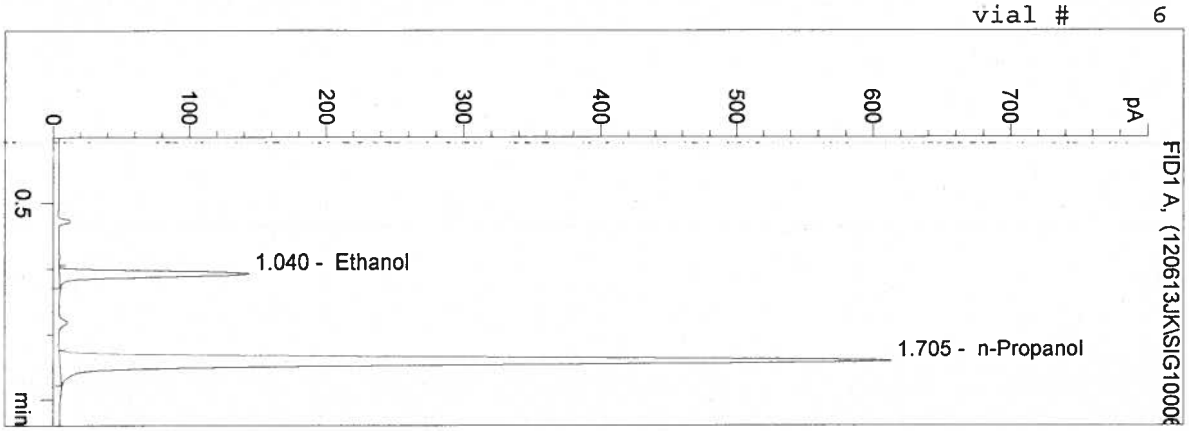
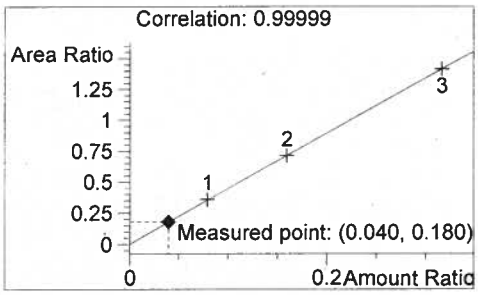
Instrument 1
DB-ALC1

0.04 CTRL JK
Justin Knoy

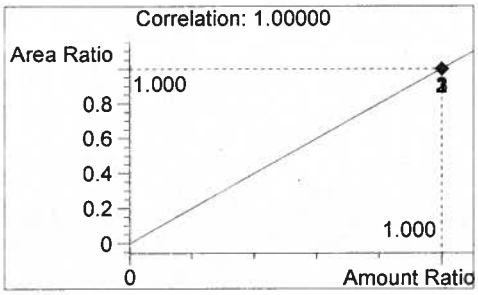
vial # 6



#	Compound	Area	RT
1	Ethanol	435	1.040
2	n-Propanol	2412	1.705
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

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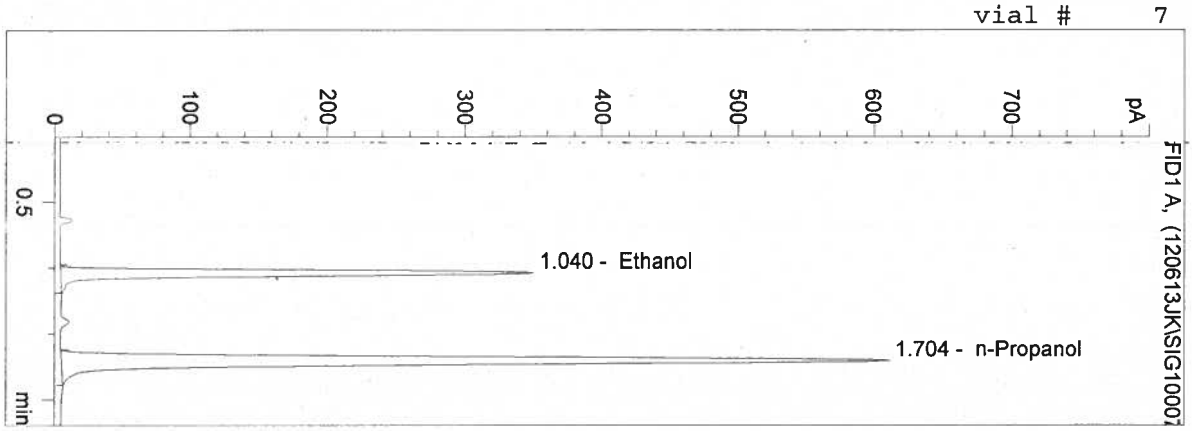
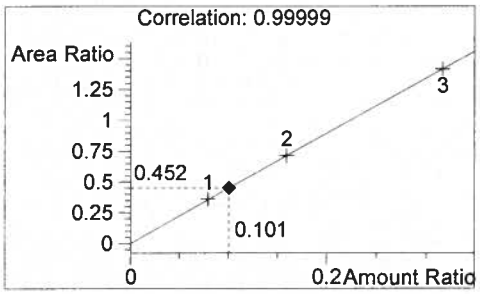
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

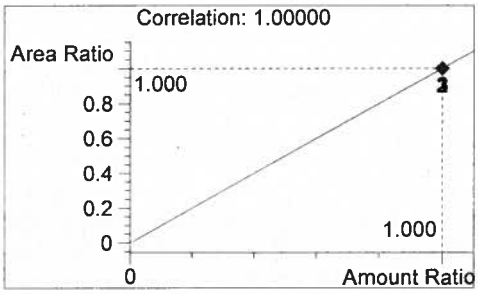
vial # 7



#	Compound	Area	RT
1	Ethanol	1088	1.040
2	n-Propanol	2410	1.704
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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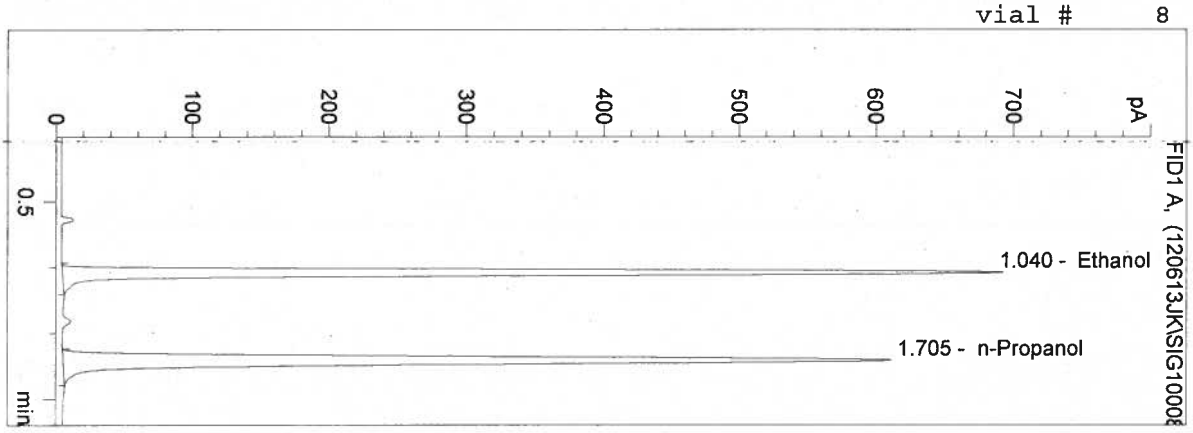
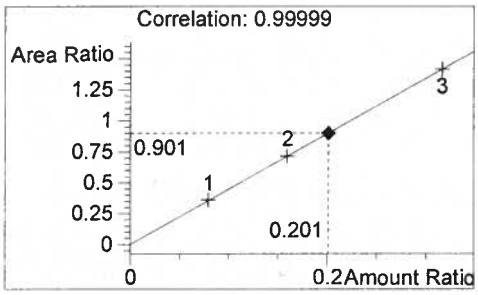
Instrument 1
DB-ALC1

0.20 CTRL JK
Justin Knoy

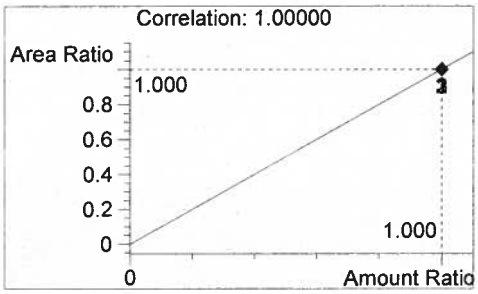
vial # 8



#	Compound	Area	RT
1	Ethanol	2164	1.040
2	n-Propanol	2403	1.705
Tot			



Ethanol 0.201 g/100 mL



n-Propanol 1.000 g/100 mL

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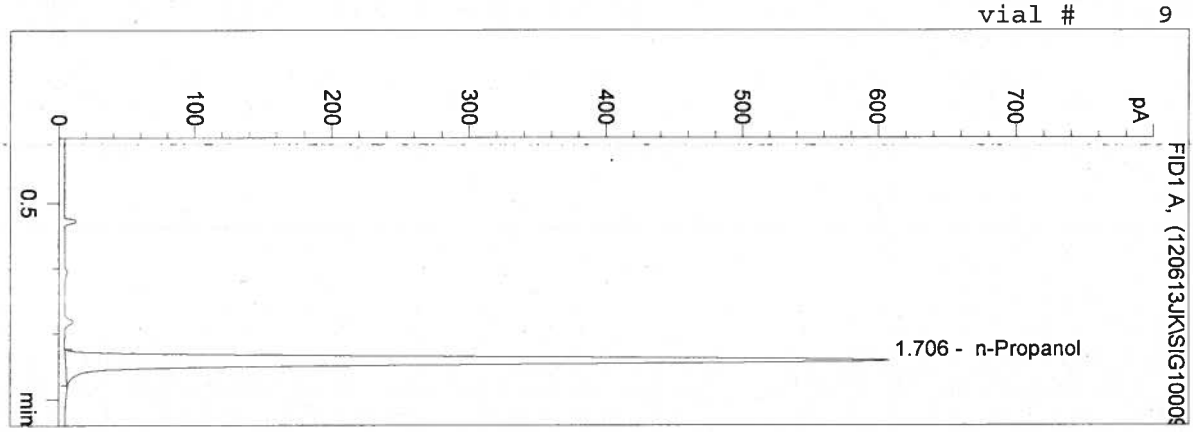
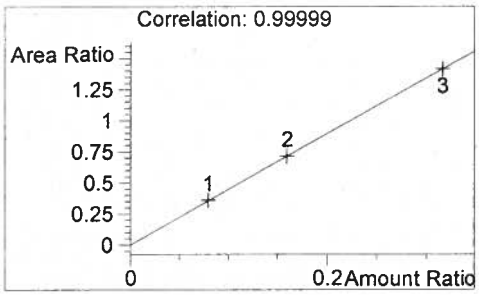
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

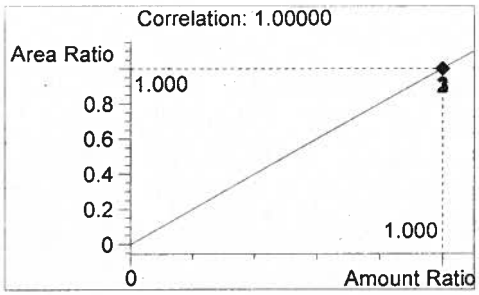
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2395	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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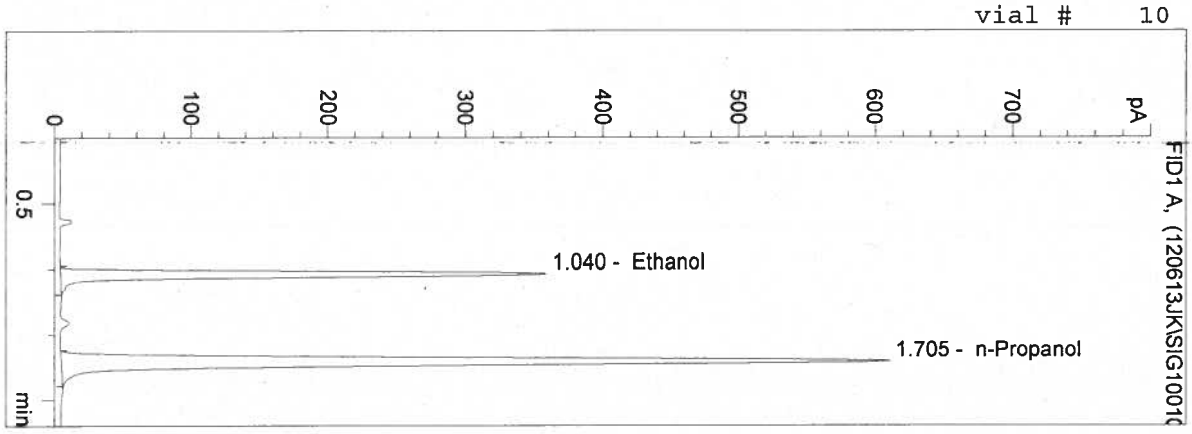
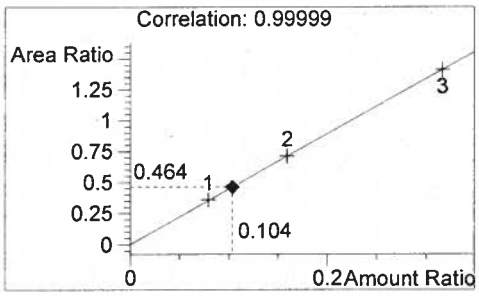
Instrument 1
DB-ALC1

12025-1
Justin Knoy

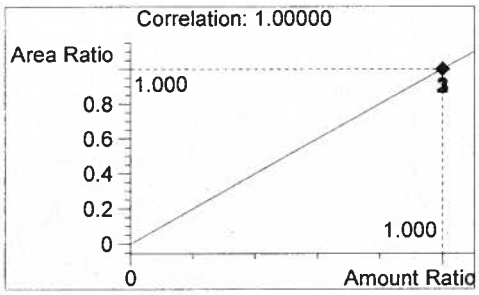
vial # 10



#	Compound	Area	RT
1	Ethanol	1114	1.040
2	n-Propanol	2399	1.705
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

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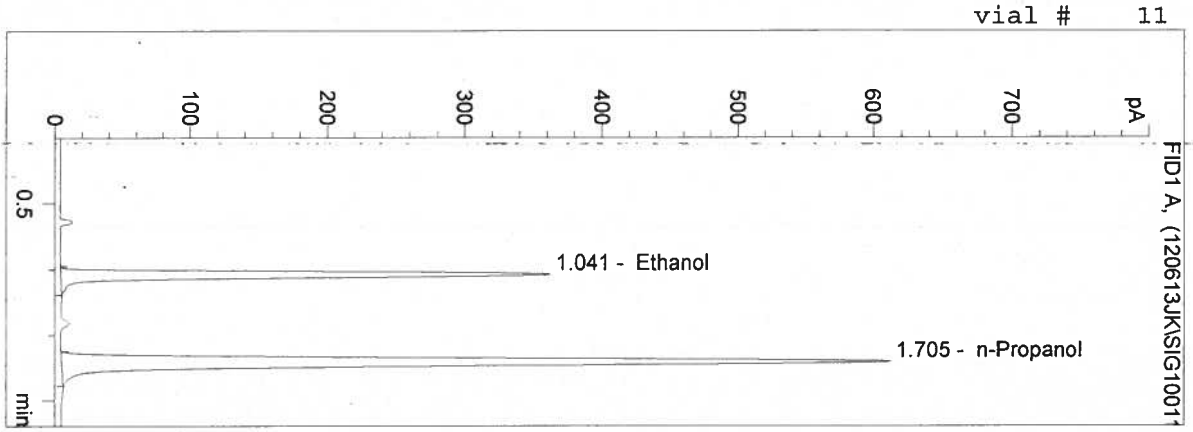
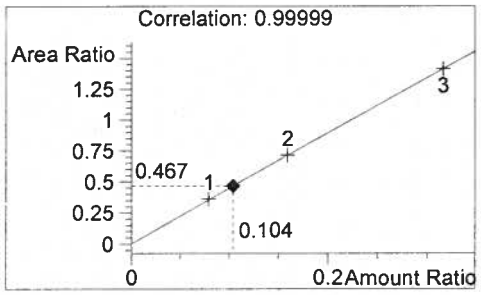
Instrument 1
DB-ALC1

12025-2
Justin Knoy

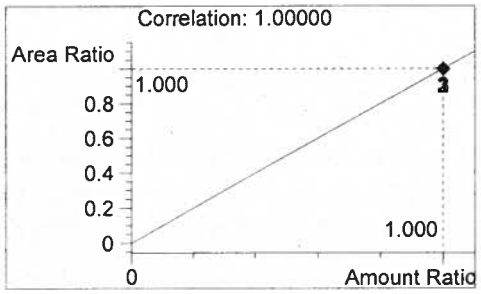
vial # 11



#	Compound	Area	RT
1	Ethanol	1127	1.041
2	n-Propanol	2412	1.705
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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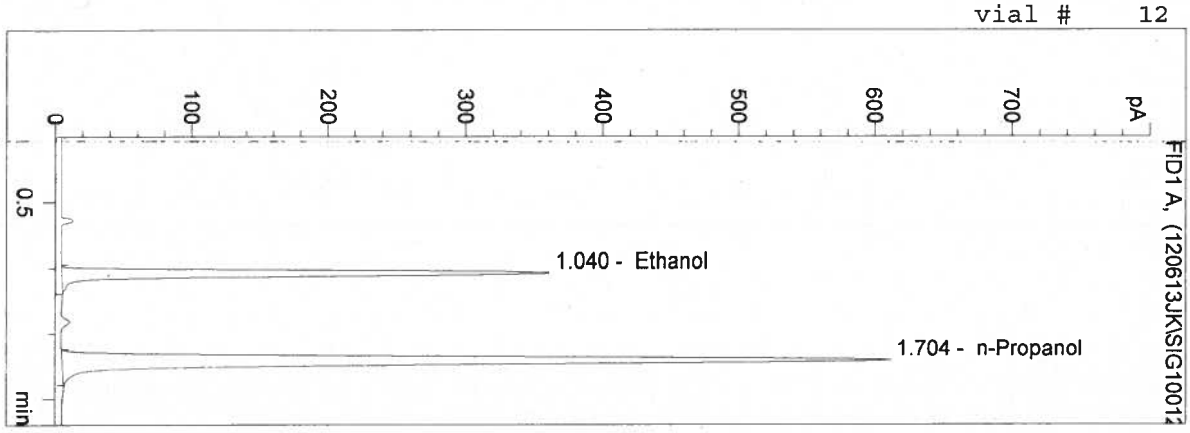
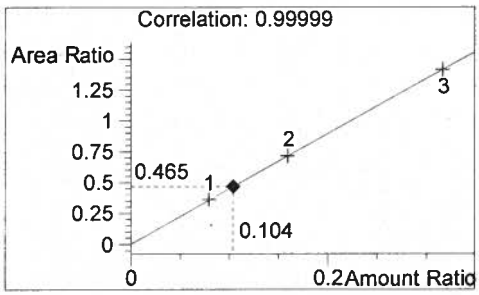
Instrument 1
DB-ALC1

12025-3
Justin Knoy

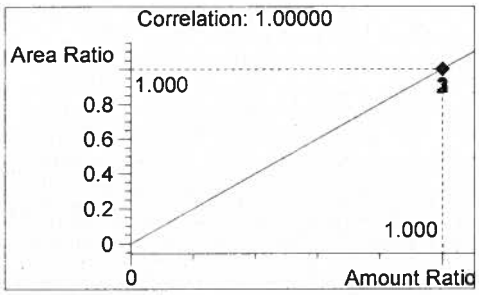
vial # 12



#	Compound	Area	RT
1	Ethanol	1121	1.040
2	n-Propanol	2408	1.704
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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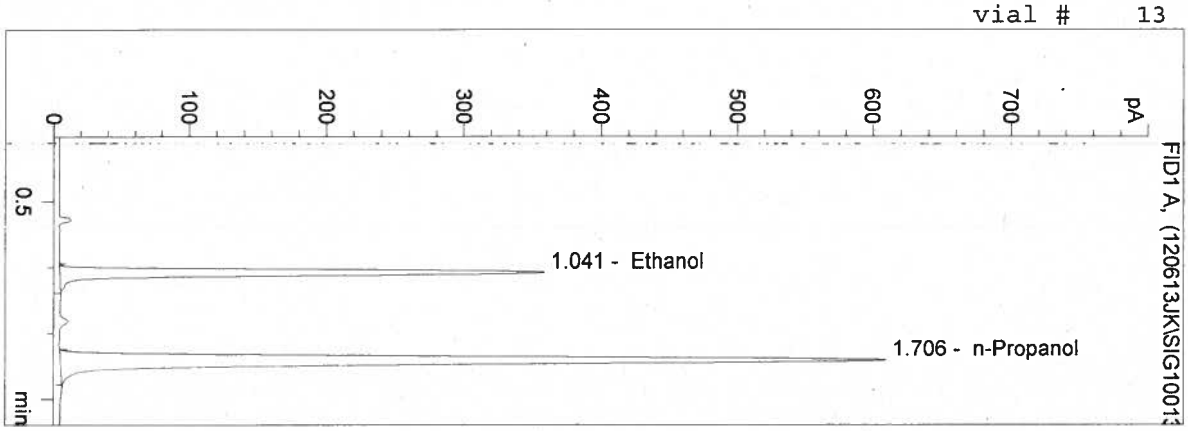
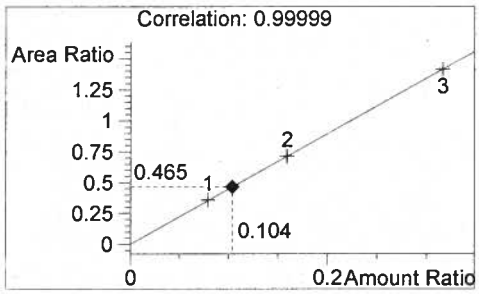
Instrument 1
DB-ALC1

12025-4
Justin Knoy

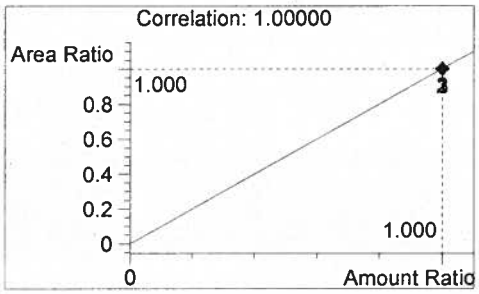
vial # 13



#	Compound	Area	RT
1	Ethanol	1113	1.041
2	n-Propanol	2393	1.706
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

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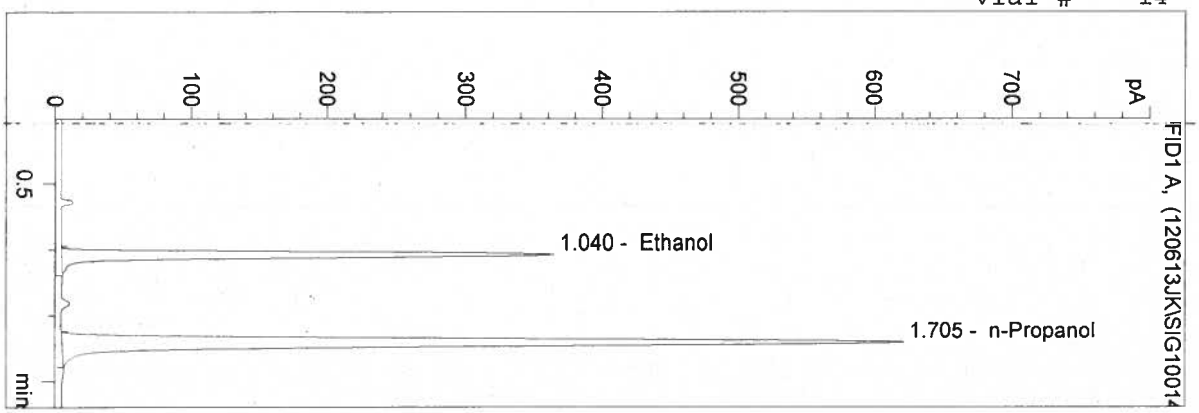
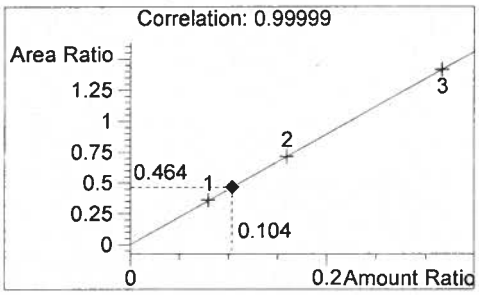
6/13/2012 12:27:05 PM
Instrument 1
DB-ALC1

12025-5
Justin Knoy

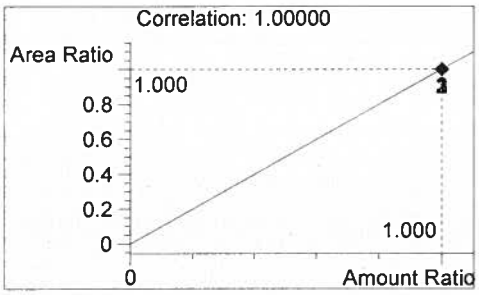
vial # 14



#	Compound	Area	RT
1	Ethanol	1131	1.040
2	n-Propanol	2435	1.705
Tot			



Ethanol 0.104 g/100 mL



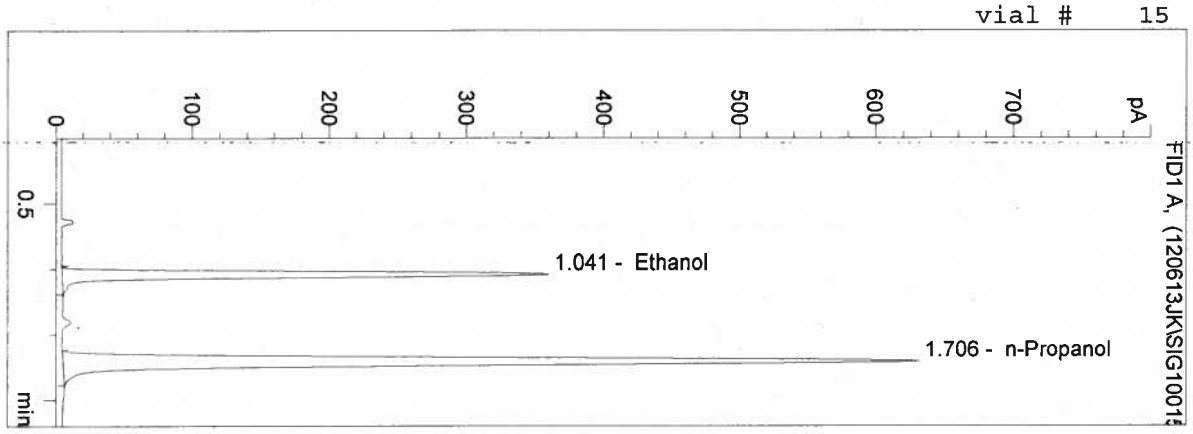
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

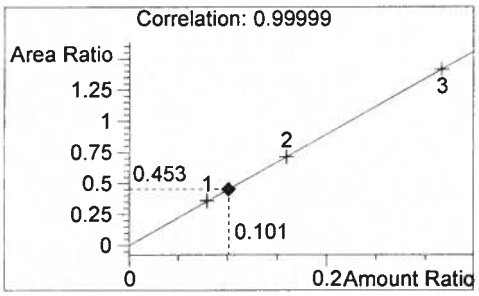
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 12:30:10 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

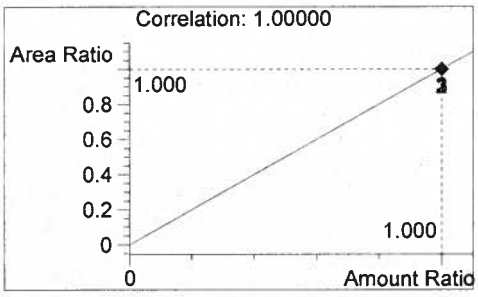
vial # 15



#	Compound	Area	RT
1	Ethanol	1125	1.041
2	n-Propanol	2484	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

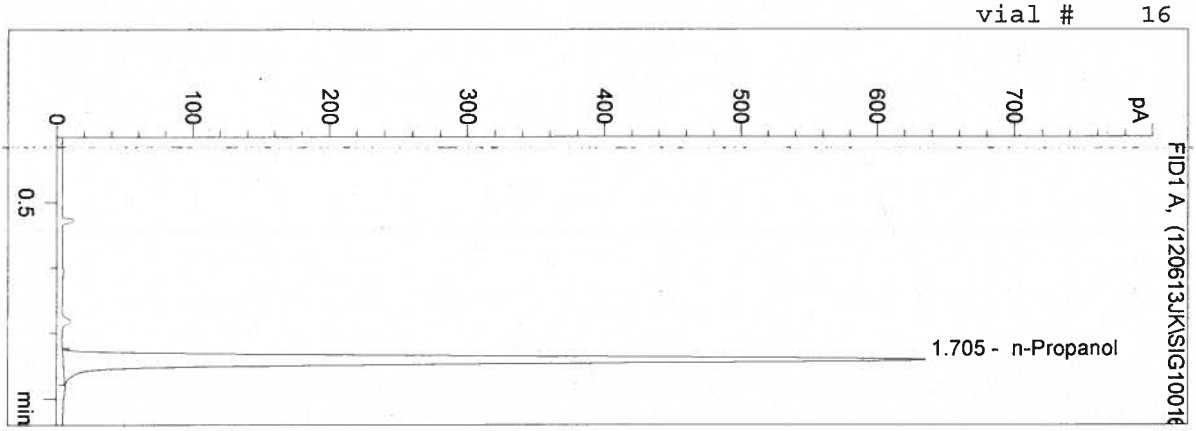
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

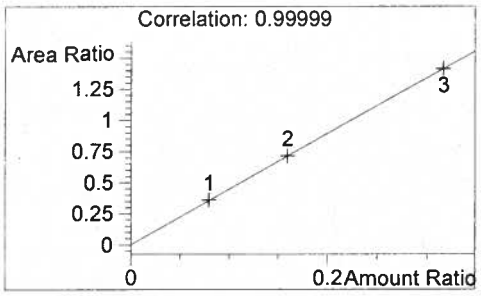
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 12:33:15 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

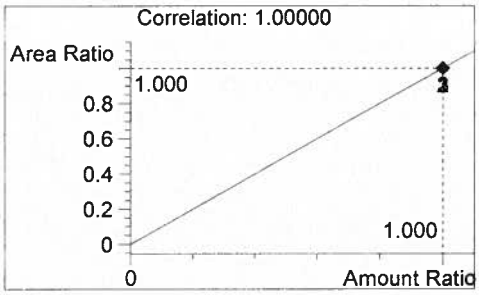
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2499	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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

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:	120613BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A077459 exp 02/2015
0.10 Control Lot#A083355 exp 12/2015
0.20 Control Lot#A076521 exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	E0412-01
3	Vial 3	E0412-02
4	Vial 4	E0412-03
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

12025

bl

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

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	12025 #1	SIMALC1	1	Sample		
11	Vial 11	12025 #2	SIMALC1	1	Sample		
12	Vial 12	12025 #3	SIMALC1	1	Sample		
13	Vial 13	12025 #4	SIMALC1	1	Sample		
14	Vial 14	12025 #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	

Sequence Table (Back Injector):

No entries - empty table!

12025 BP

Calibration Table

Calib. Data Modified : Wednesday, June 13, 2012 1:45:47 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.91800e-2	866.00818	9.14310e-5	1		Ethanol
		2	1.59320e-1	1720.21777	9.26162e-5			
		3	3.16260e-1	3402.55981	9.29477e-5			
1.705	1	1	1.00000	2380.72119	4.20041e-4	I1		n-Propanol
		2	1.00000	2396.64868	4.17249e-4			
		3	1.00000	2383.22437	4.19600e-4			

Peak Sum Table

No Entries in table

BL

12025

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Calibration Curves

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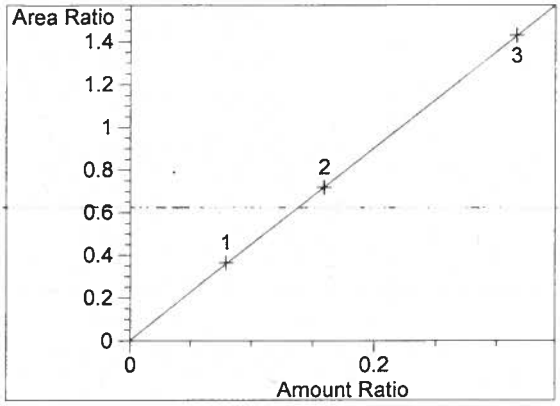
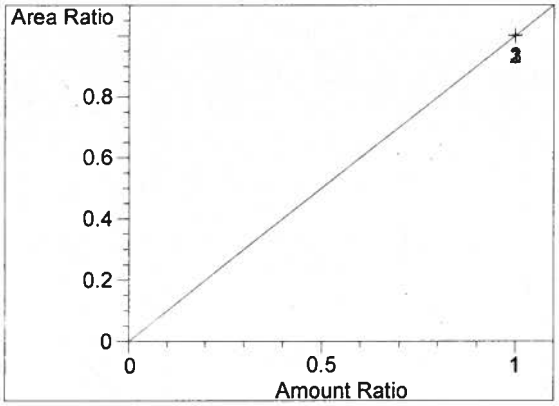


Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00407
Formula: y = mx + b
m: 4.50695
b: 2.23916e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

BP

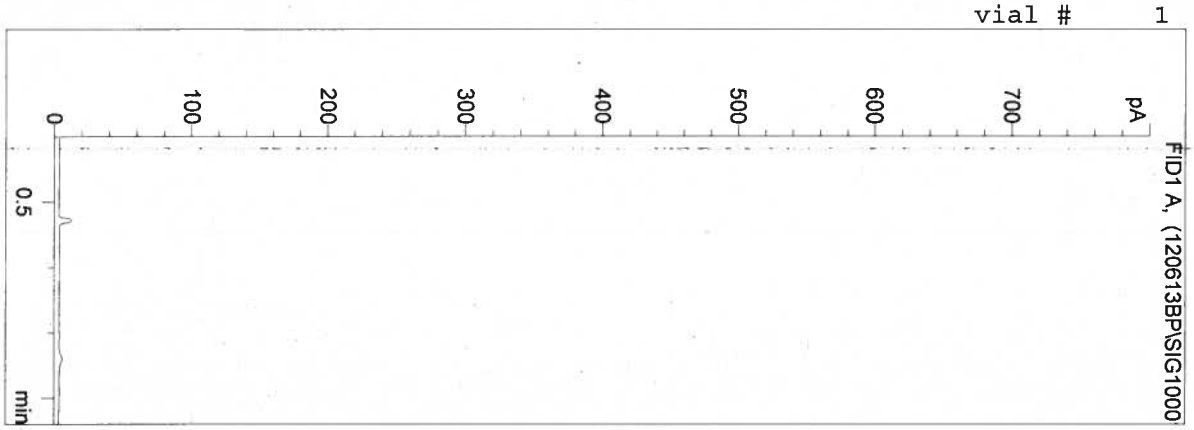
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

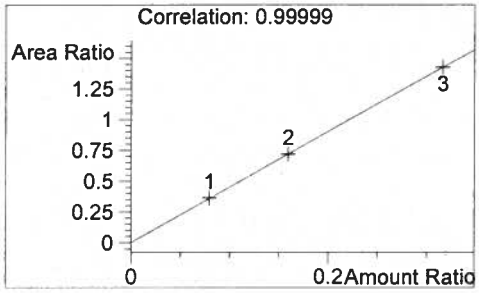
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 1:34:19 PM
Instrument 1
DB-ALC1

blank
Brianna Peterson

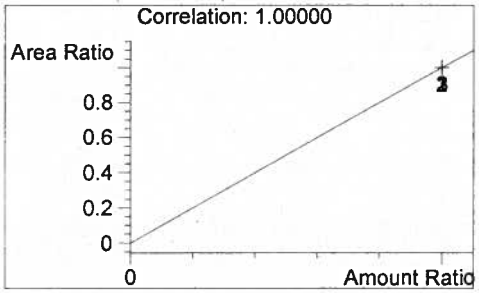
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

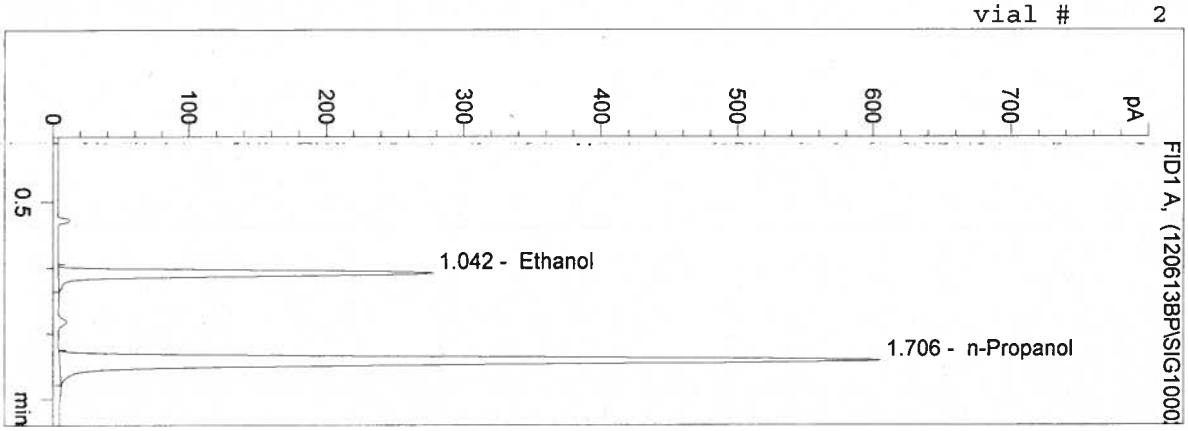
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

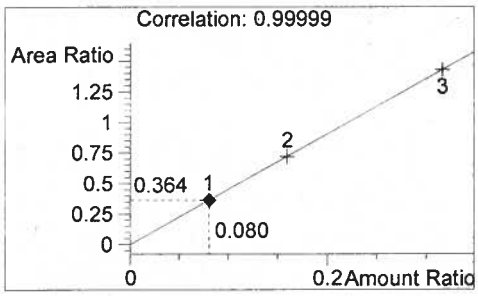
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 1:37:24 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Brianna Peterson

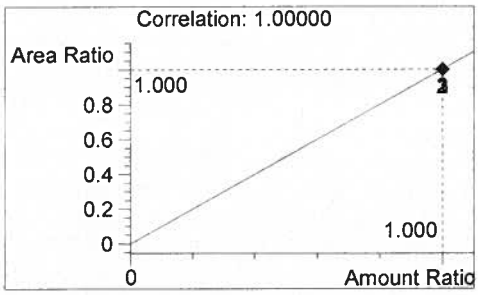
vial # 2



#	Compound	Area	RT
1	Ethanol	866	1.042
2	n-Propanol	2381	1.706
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

12025 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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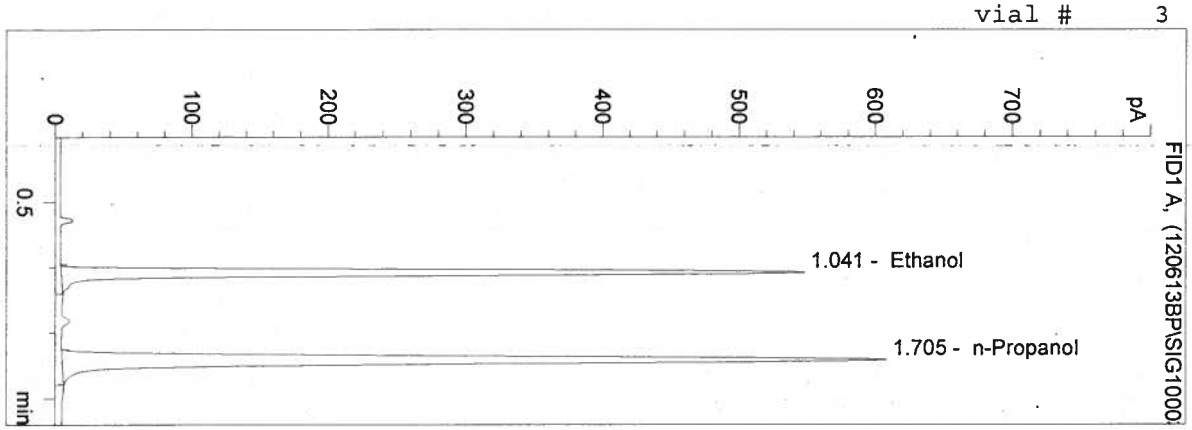
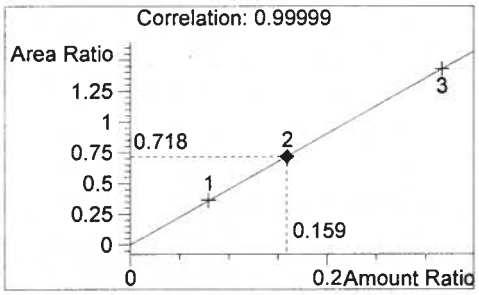
6/13/2012 1:40:29 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Brianna Peterson

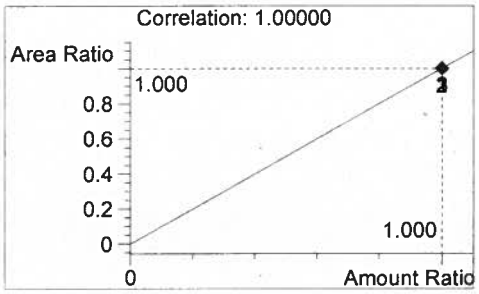
vial # 3



#	Compound	Area	RT
1	Ethanol	1720	1.041
2	n-Propanol	2397	1.705
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

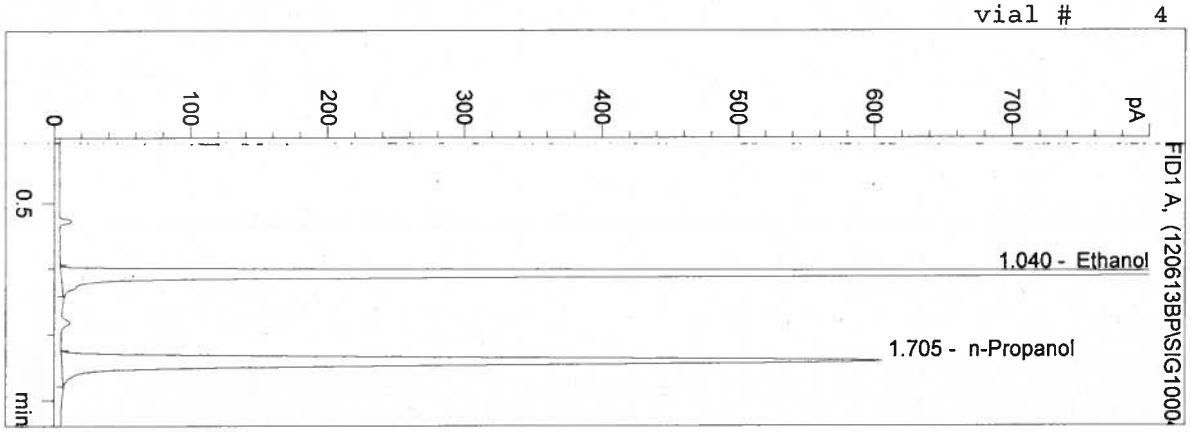
12025 BL

WASHINGTON STATE TOXICOLOGY LABORATORY

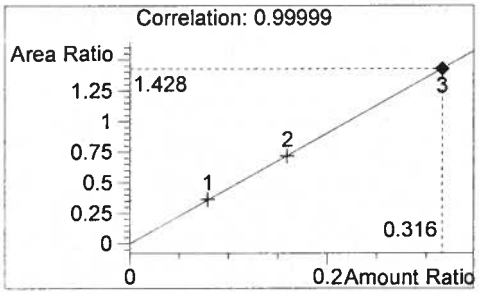
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 1:43:33 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Brianna Peterson

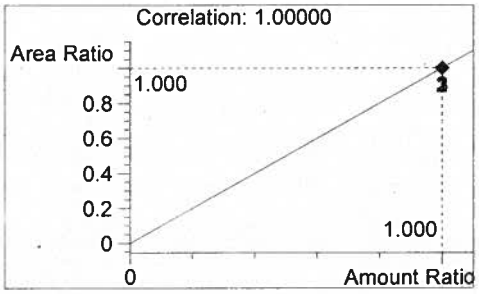
vial # 4



#	Compound	Area	RT
1	Ethanol	3403	1.040
2	n-Propanol	2383	1.705
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

12025

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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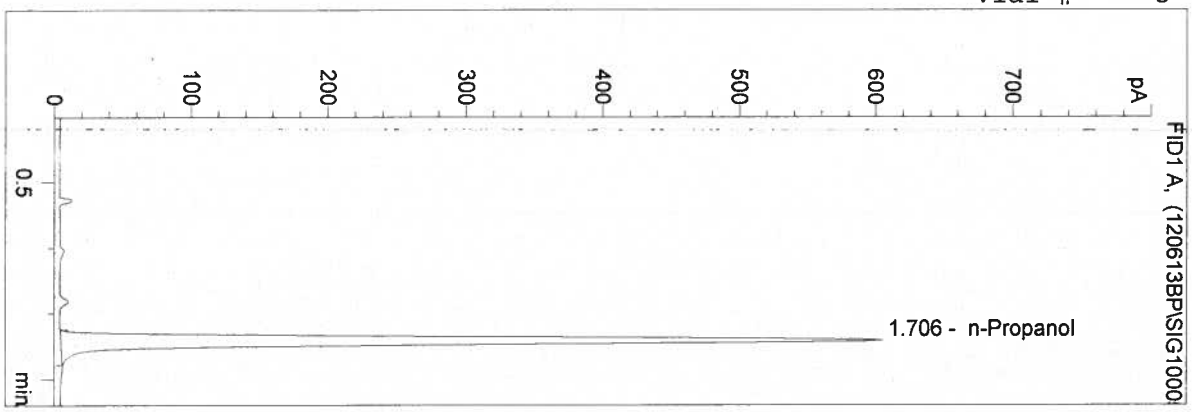
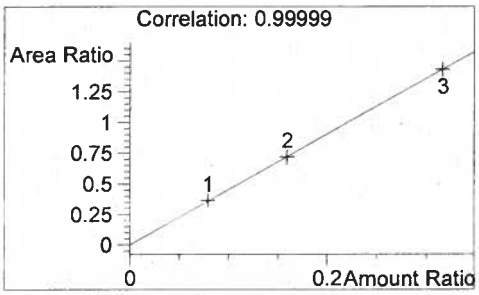
6/13/2012 1:46:38 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

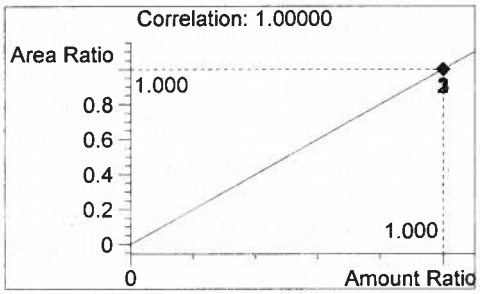
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2381	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

WASHINGTON STATE TOXICOLOGY LABORATORY

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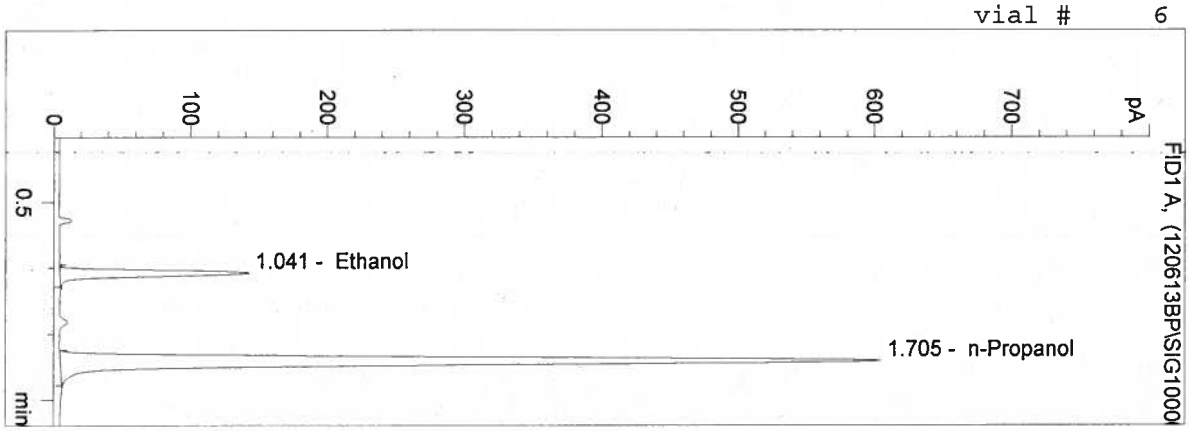
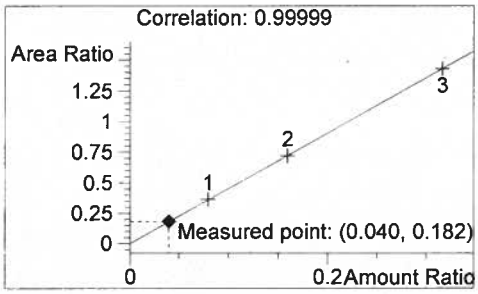
6/13/2012 1:49:43 PM
Instrument 1
DB-ALC1

0.04 CTRL - BP
Brianna Peterson

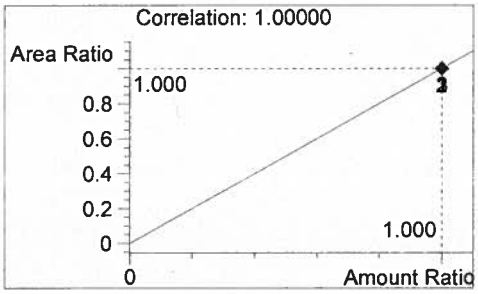
vial # 6



#	Compound	Area	RT
1	Ethanol	433	1.041
2	n-Propanol	2383	1.705
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

12025

WASHINGTON STATE TOXICOLOGY LABORATORY

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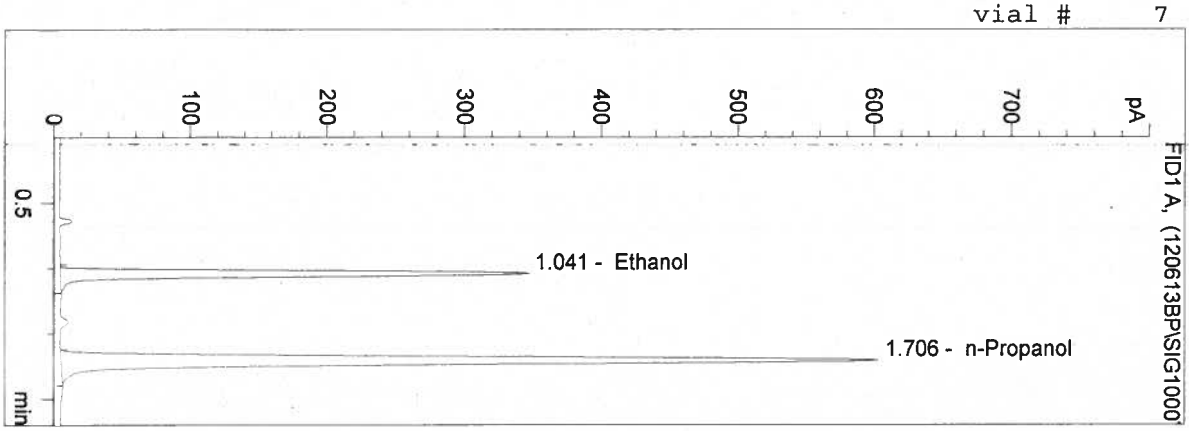
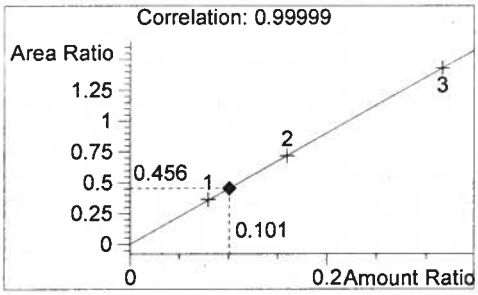
6/13/2012 1:52:48 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

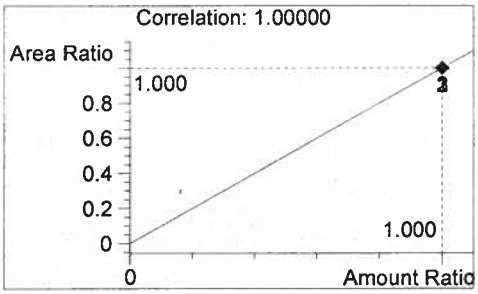
vial # 7



#	Compound	Area	RT
1	Ethanol	1084	1.041
2	n-Propanol	2379	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

12025

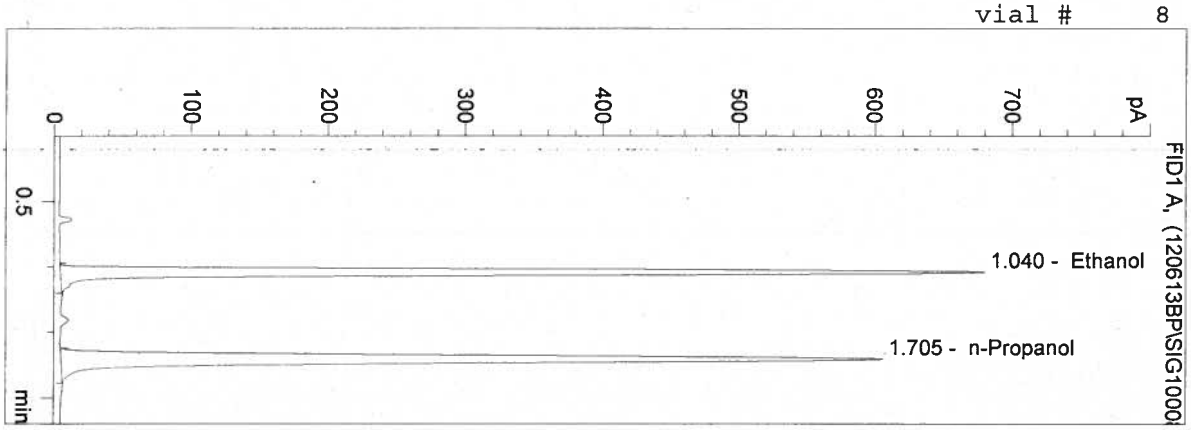
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

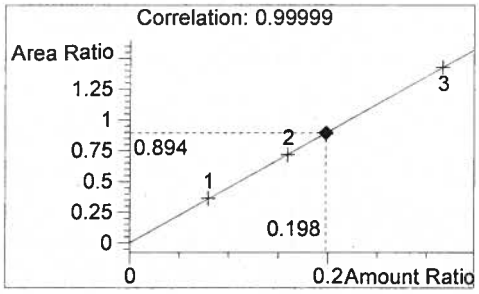
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 1:55:52 PM
Instrument 1
DB-ALC1

0.20 CTRL - BP
Brianna Peterson

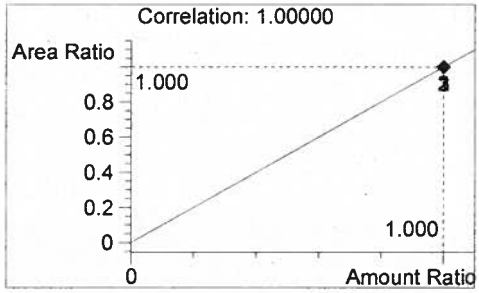
vial # 8



#	Compound	Area	RT
1	Ethanol	2126	1.040
2	n-Propanol	2377	1.705
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

12025

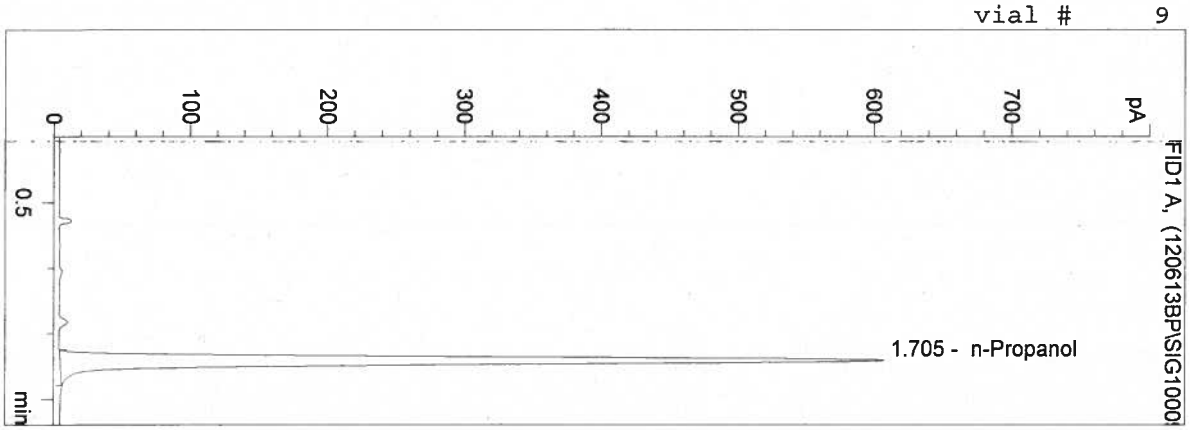
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

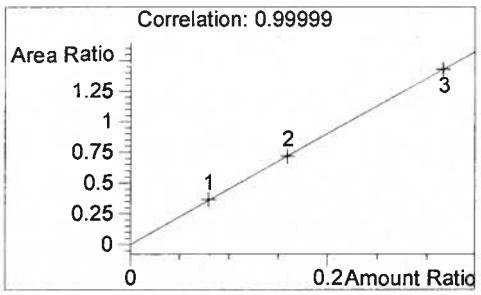
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 1:58:57 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

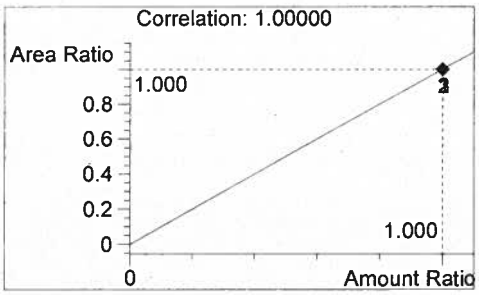
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2403	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

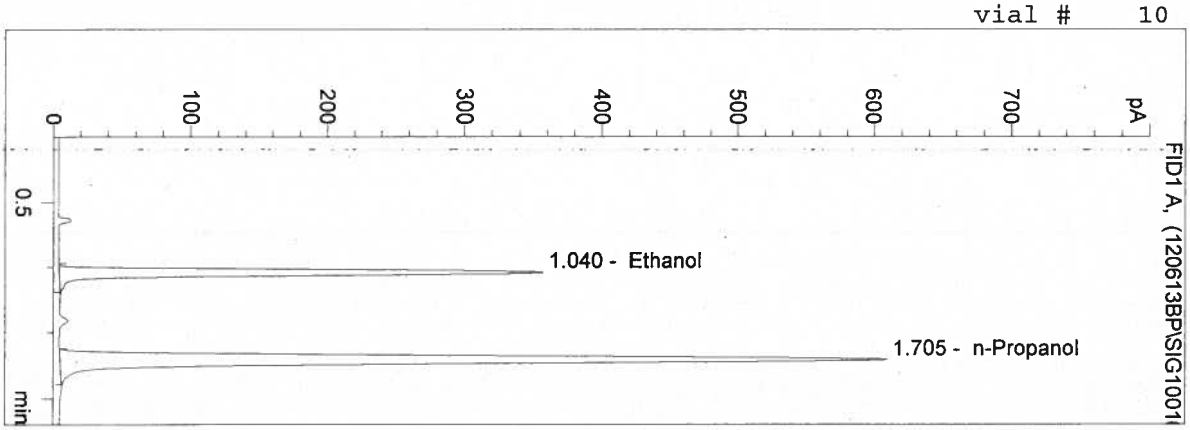
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

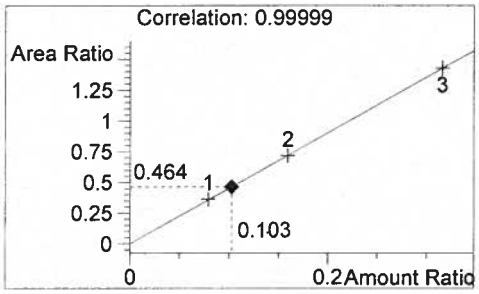
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 2:02:02 PM
Instrument 1
DB-ALC1

12025 #1
Brianna Peterson

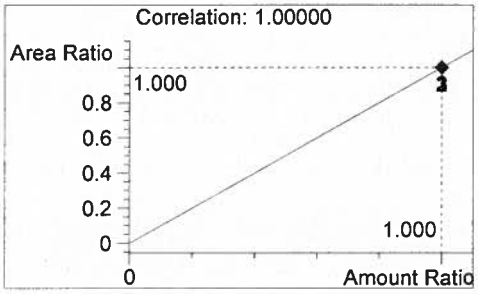
vial # 10



#	Compound	Area	RT
1	Ethanol	1112	1.040
2	n-Propanol	2395	1.705
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

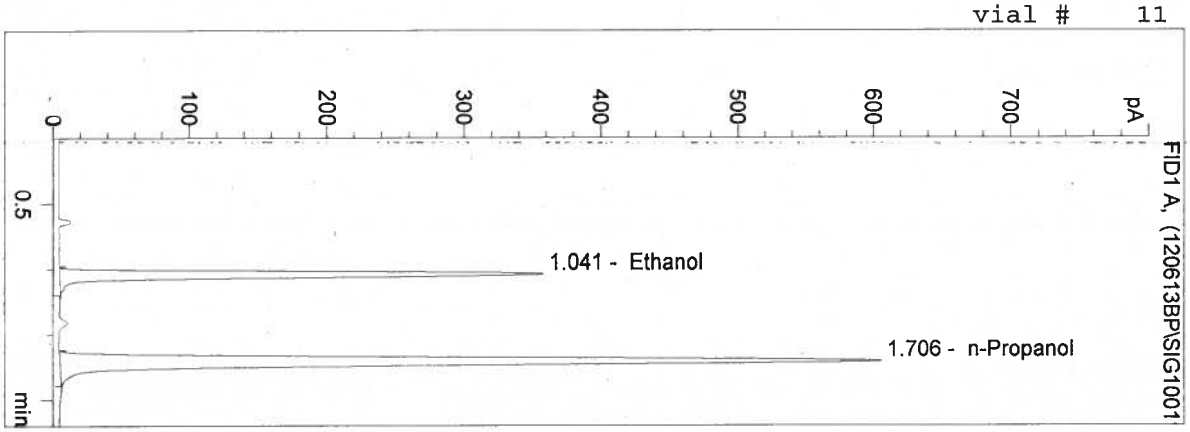
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

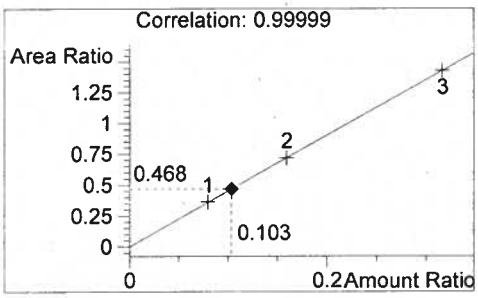
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2012 2:05:07 PM
Instrument 1
DB-ALC1

12025 #2
Brianna Peterson

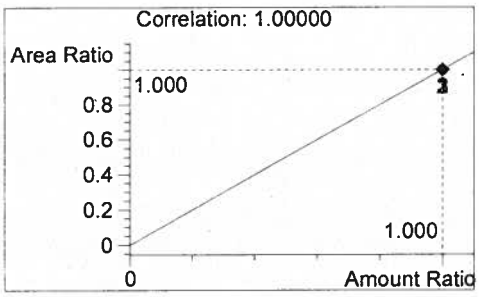
vial # 11



#	Compound	Area	RT
1	Ethanol	1117	1.041
2	n-Propanol	2388	1.706
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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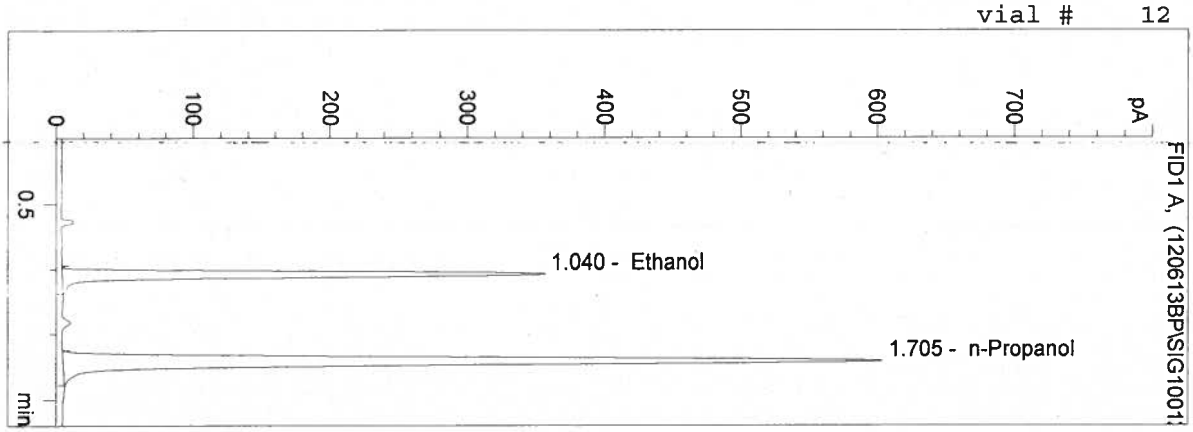
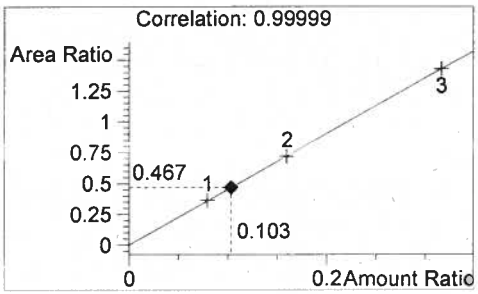
6/13/2012 2:08:11 PM
Instrument 1
DB-ALC1

12025 #3
Brianna Peterson

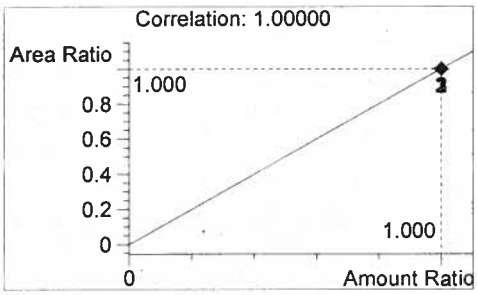
vial # 12



#	Compound	Area	RT
1	Ethanol	1109	1.040
2	n-Propanol	2377	1.705
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BL

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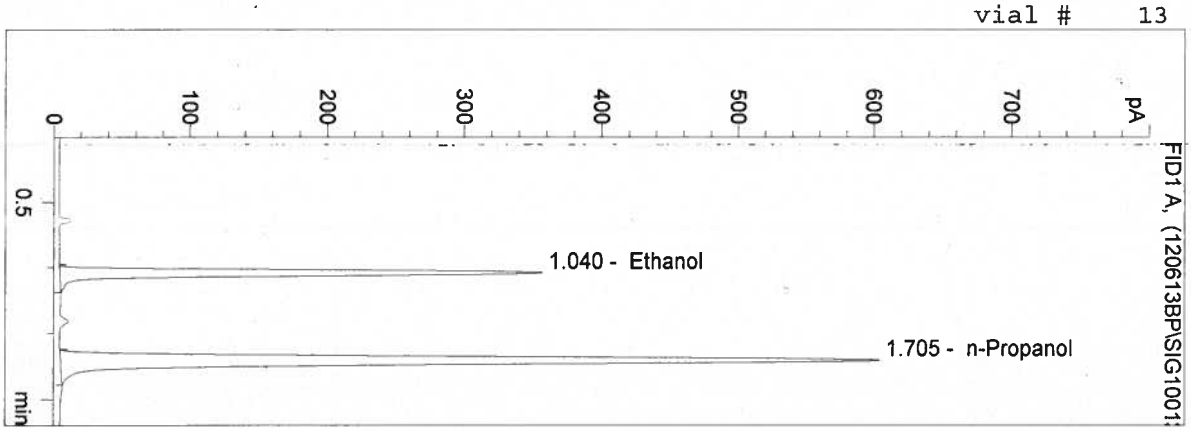
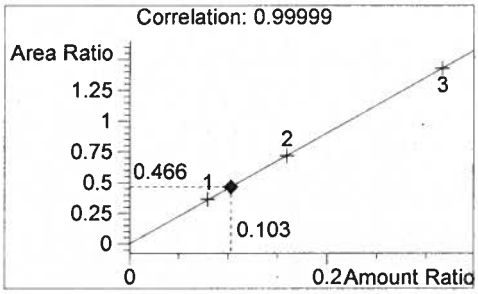
6/13/2012 2:11:16 PM
Instrument 1
DB-ALC1

12025 #4
Brianna Peterson

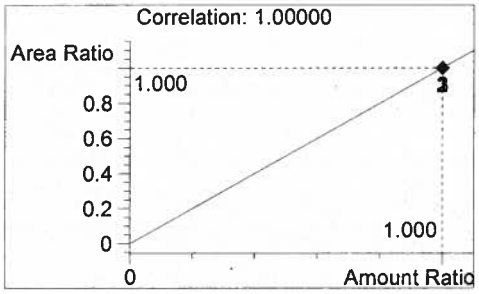
vial # 13



#	Compound	Area	RT
1	Ethanol	1107	1.040
2	n-Propanol	2375	1.705
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BP

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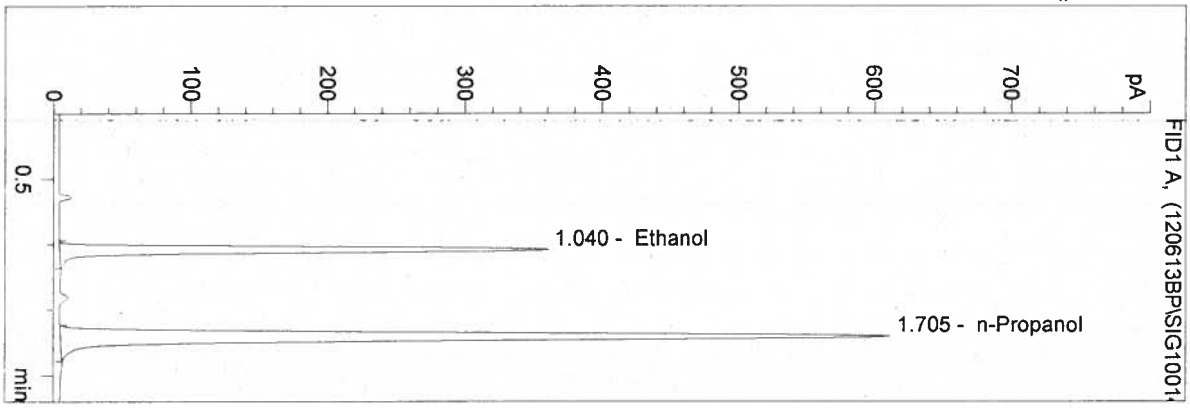
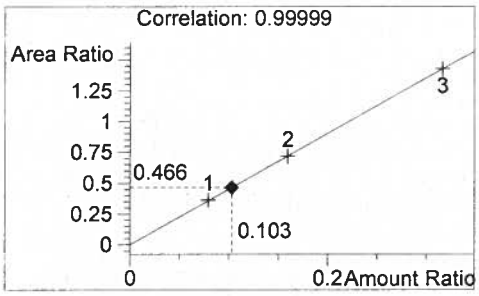
6/13/2012 2:14:21 PM
Instrument 1
DB-ALC1

12025 #5
Brianna Peterson

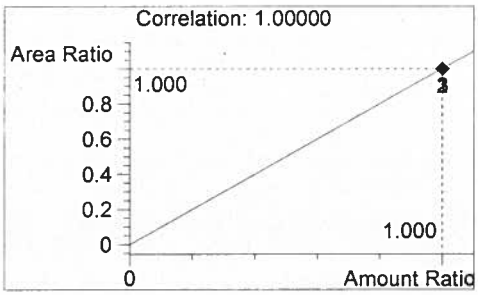
vial # 14



#	Compound	Area	RT
1	Ethanol	1121	1.040
2	n-Propanol	2406	1.705
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BP

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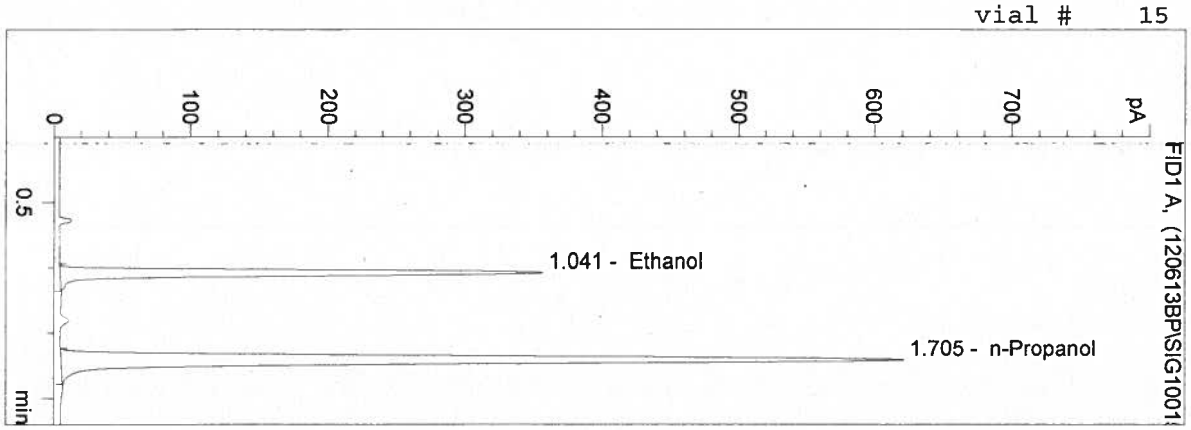
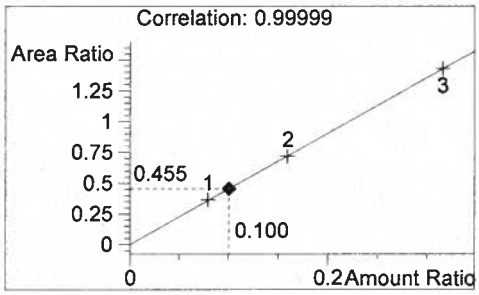
6/13/2012 2:17:25 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

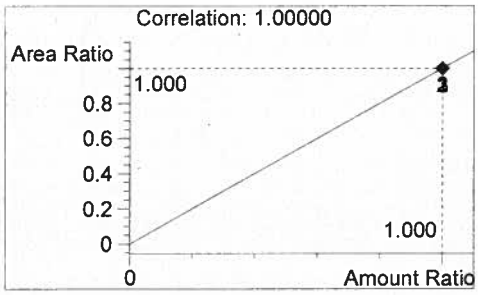
vial # 15



#	Compound	Area	RT
1	Ethanol	1113	1.041
2	n-Propanol	2447	1.705
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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BP

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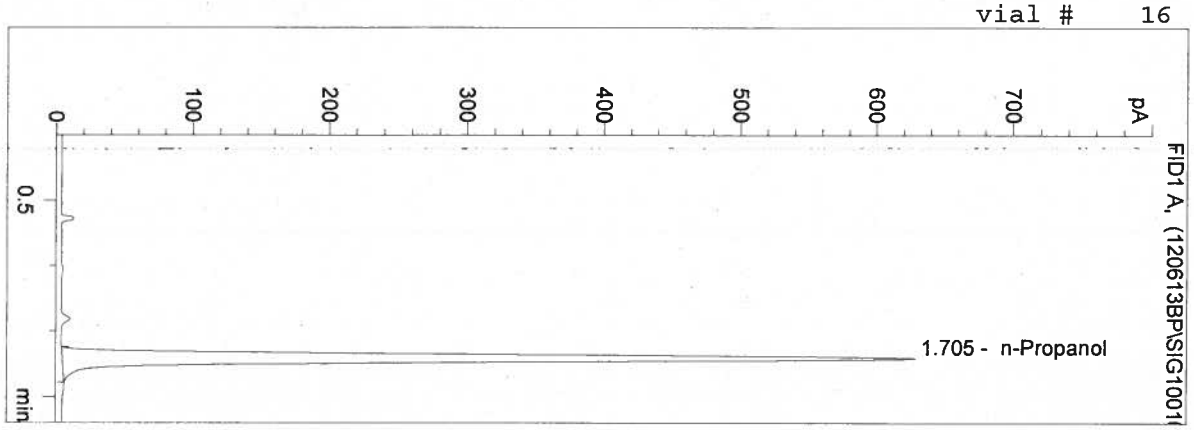
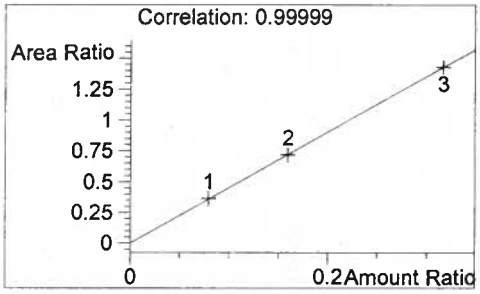
6/13/2012 2:20:30 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

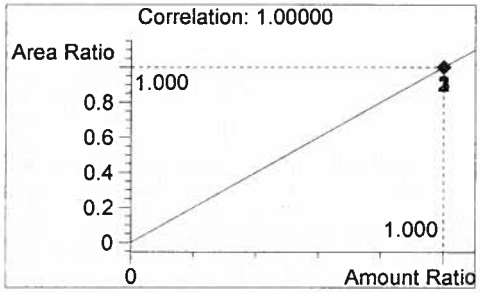
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2472	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

BP

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

Sequence Parameters:

Operator:	Sarah Swenson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120618SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	0.079 Calibrator - Lot # E0412-01 - exp 7/11/12
3	Vial 3	0.158 Calibrator - Lot # E0412-02 - exp 7/11/12
4	Vial 4	0.316 Calibrator - Lot # E0412-03 - exp 7/11/12
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

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

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	12025 #1	SIMALC1	1	Sample		
11	Vial 11	12025 #2	SIMALC1	1	Sample		
12	Vial 12	12025 #3	SIMALC1	1	Sample		
13	Vial 13	12025 #4	SIMALC1	1	Sample		
14	Vial 14	12025 #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	

Sequence Table (Back Injector):

No entries - empty table!

SMS

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Calibration Table

Calib. Data Modified : Monday, June 18, 2012 10:20:18 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.91800e-2	1031.70911	7.67464e-5	1		Ethanol
		2	1.59320e-1	1731.41406	9.20173e-5			
		3	3.16260e-1	3439.51147	9.19491e-5			
1.705	1	1	1.00000	3339.88354	2.99412e-4	I1		n-Propanol
		2	1.00000	2793.99536	3.57910e-4			
		3	1.00000	2790.17114	3.58401e-4			

Peak Sum Table

No Entries in table

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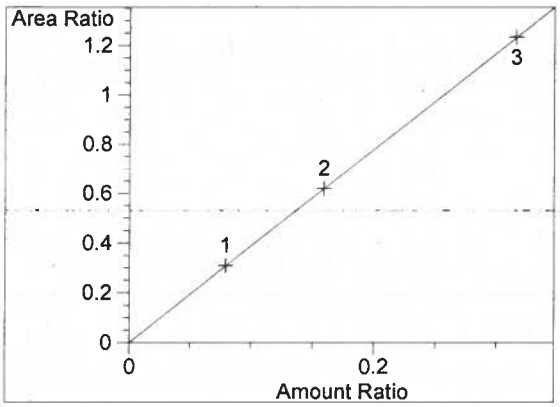
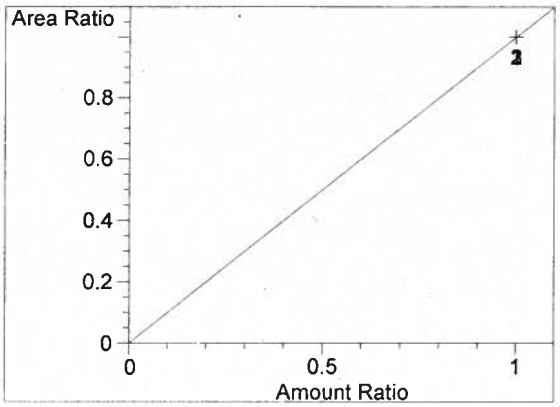
Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00086
Formula: y = mx + b
m: 3.89702
b: -1.48116e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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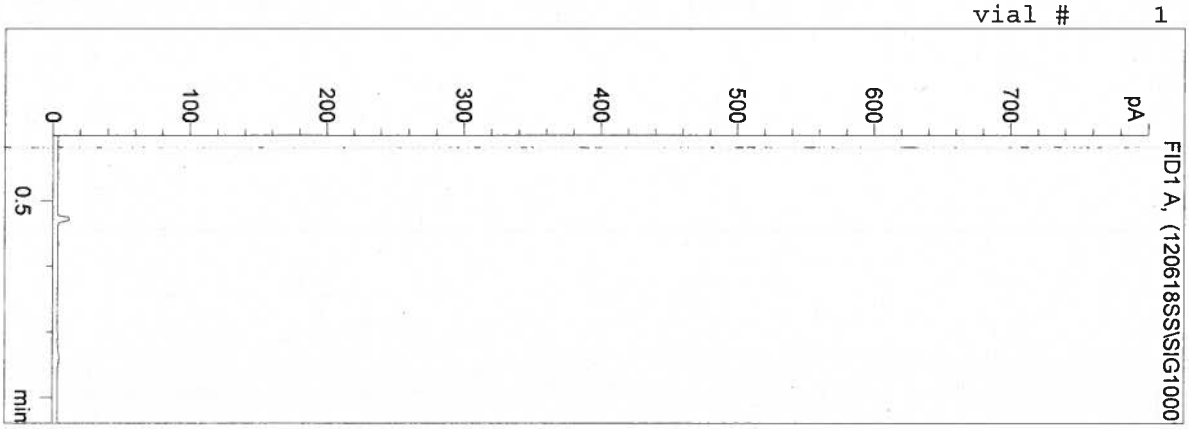
SWS 12025

WASHINGTON STATE TOXICOLOGY LABORATORY

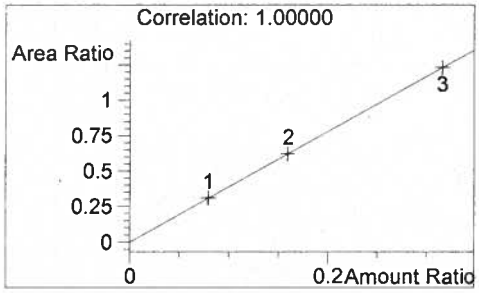
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:08:50 AM
Instrument 1
DB-ALC1

BLANK-SS
Sarah Swenson

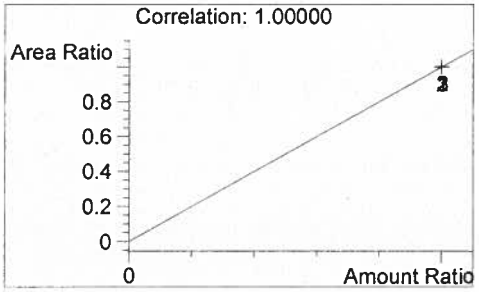
vial # 1



#	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

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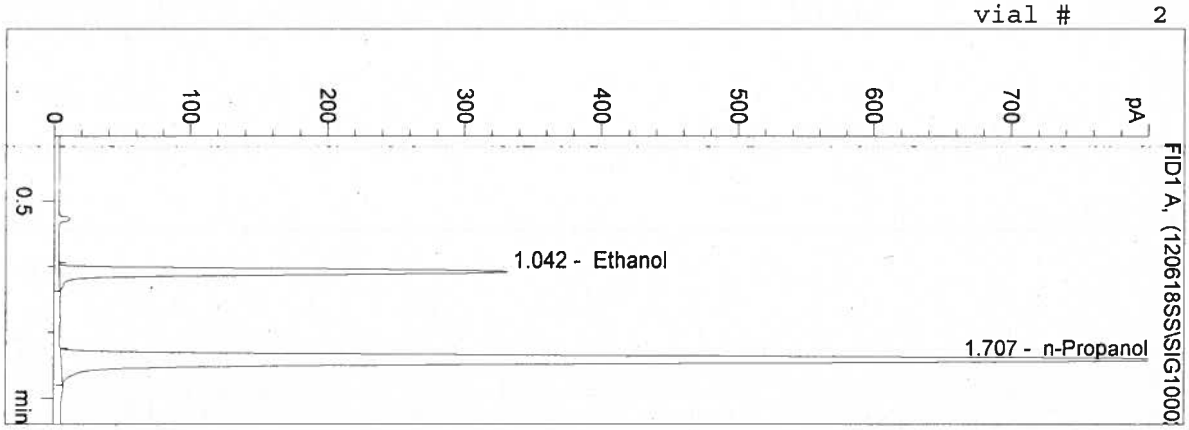
WASHINGTON STATE TOXICOLOGY LABORATORY

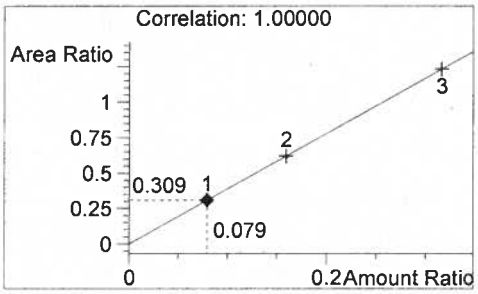
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:11:55 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Sarah Swenson

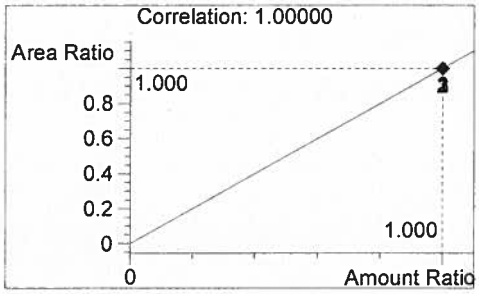
vial # 2



#	Compound	Area	RT
1	Ethanol	1032	1.042
2	n-Propanol	3340	1.707
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

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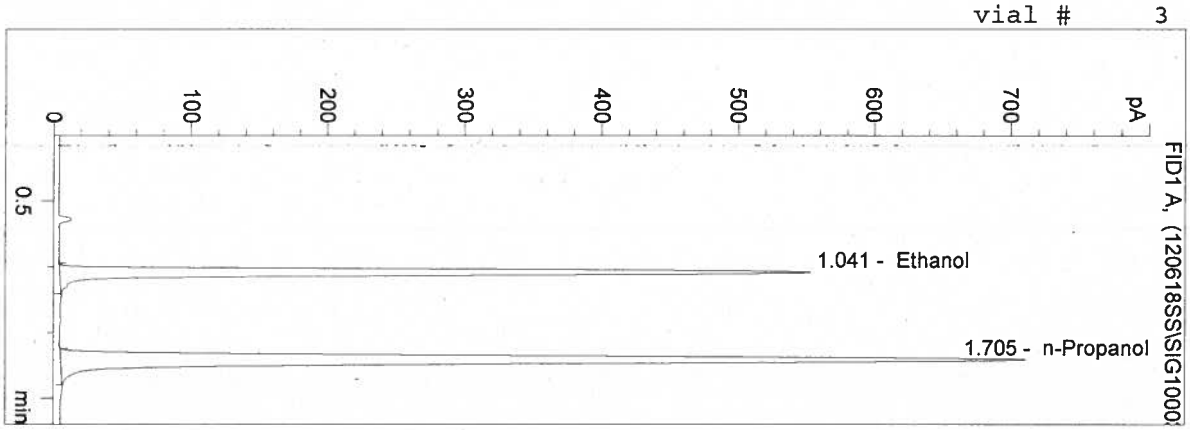
WASHINGTON STATE TOXICOLOGY LABORATORY

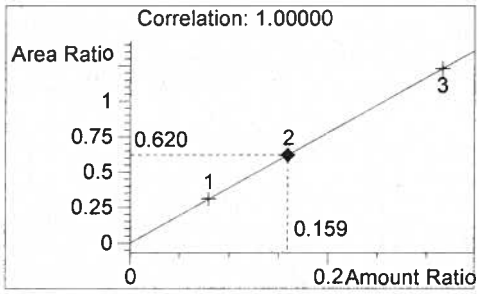
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:15:00 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Sarah Swenson

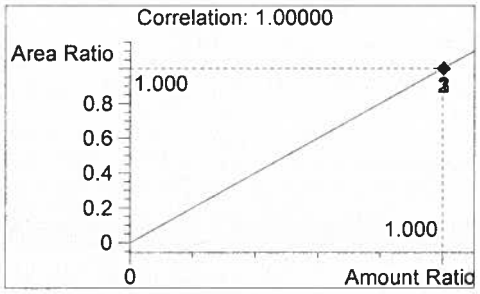
vial # 3



#	Compound	Area	RT
1	Ethanol	1731	1.041
2	n-Propanol	2794	1.705
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

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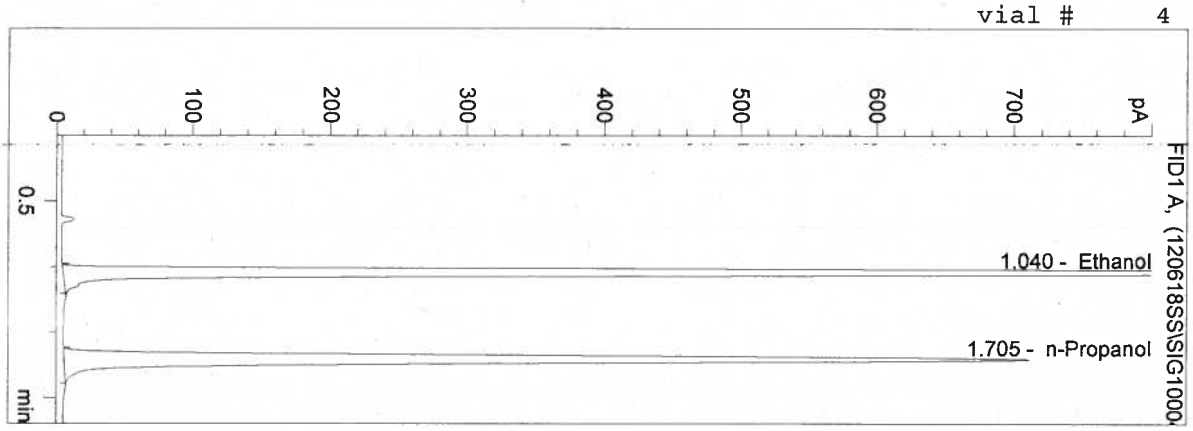
WASHINGTON STATE TOXICOLOGY LABORATORY

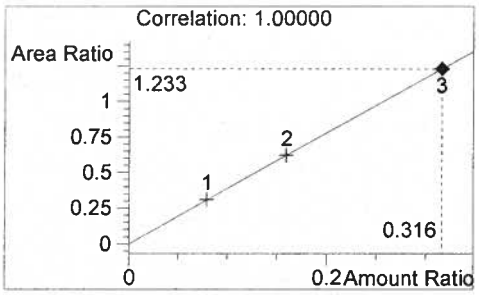
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:18:05 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Sarah Swenson

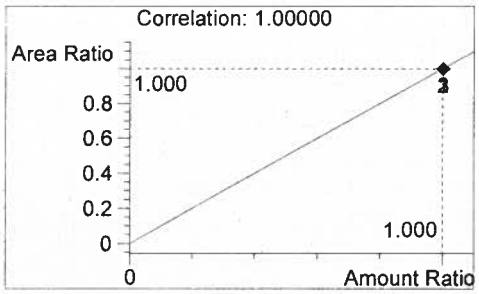
vial # 4



#	Compound	Area	RT
1	Ethanol	3440	1.040
2	n-Propanol	2790	1.705
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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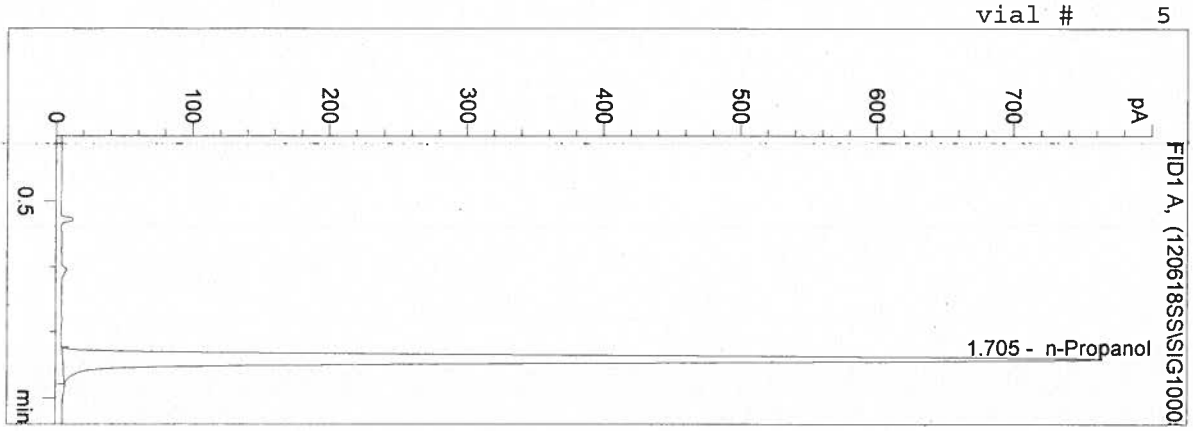
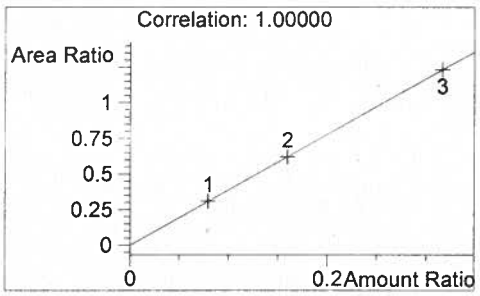
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:21:09 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

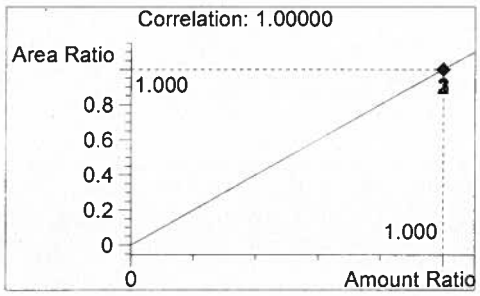
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3007	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

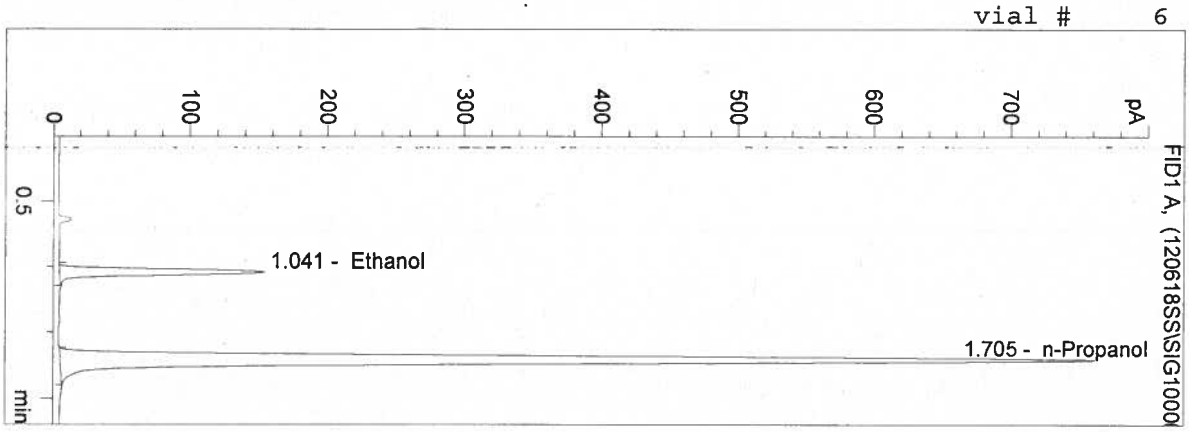
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

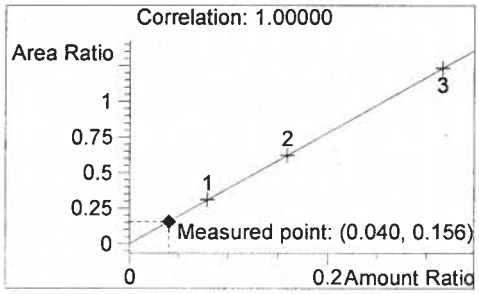
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:24:14 AM
Instrument 1
DB-ALC1

0.04 CTRL-SS
Sarah Swenson

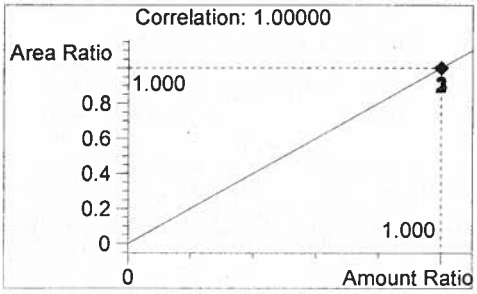
vial # 6



#	Compound	Area	RT
1	Ethanol	468	1.041
2	n-Propanol	2993	1.705
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

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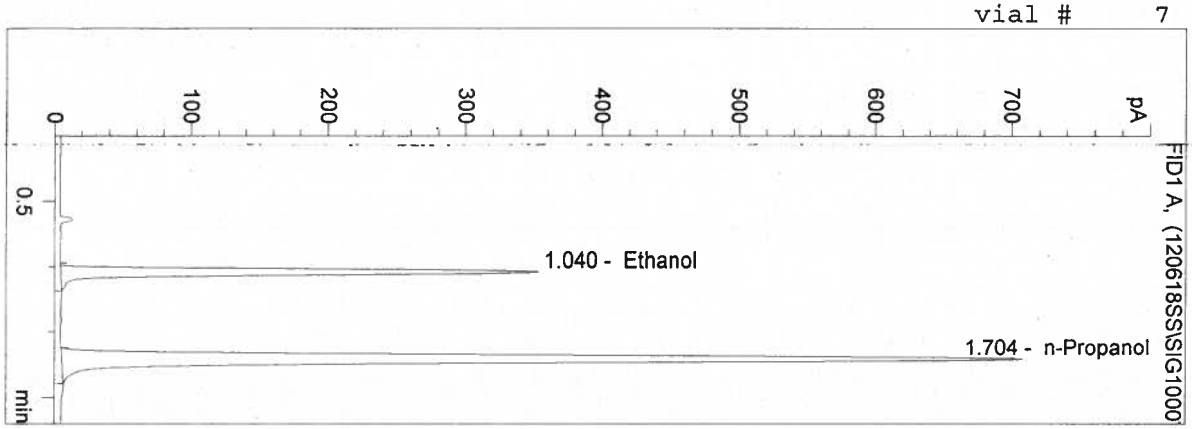
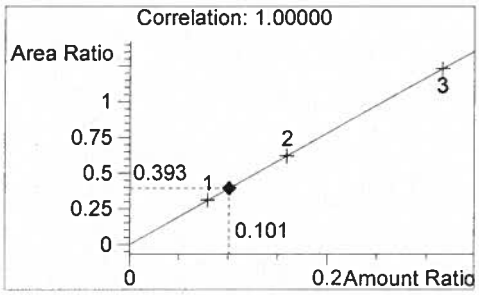
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:27:19 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

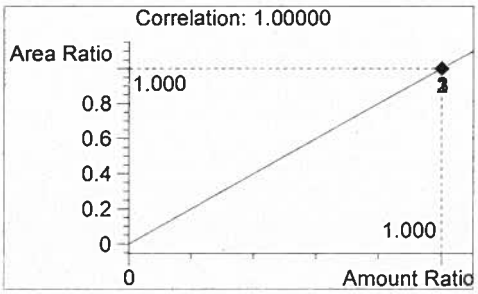
vial # 7



#	Compound	Area	RT
1	Ethanol	1096	1.040
2	n-Propanol	2787	1.704
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

12025

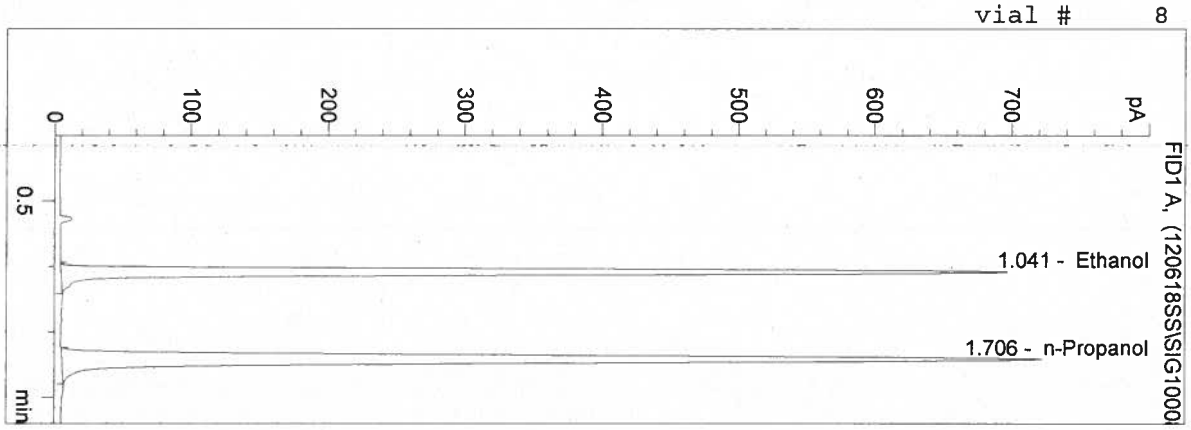
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

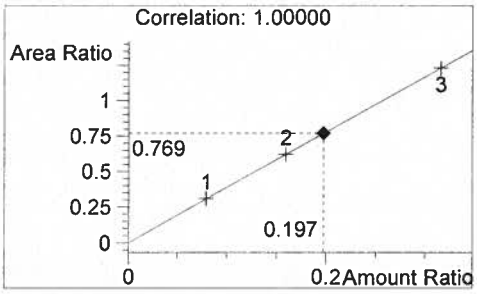
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:30:24 AM
Instrument 1
DB-ALC1

0.20 CTRL-SS
Sarah Swenson

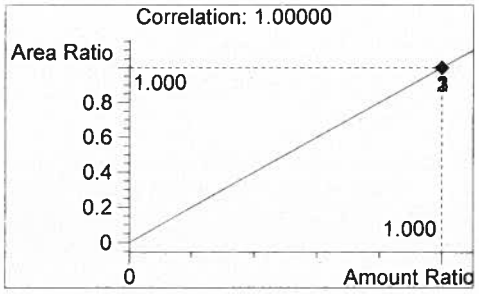
vial # 8



#	Compound	Area	RT
1	Ethanol	2182	1.041
2	n-Propanol	2837	1.706
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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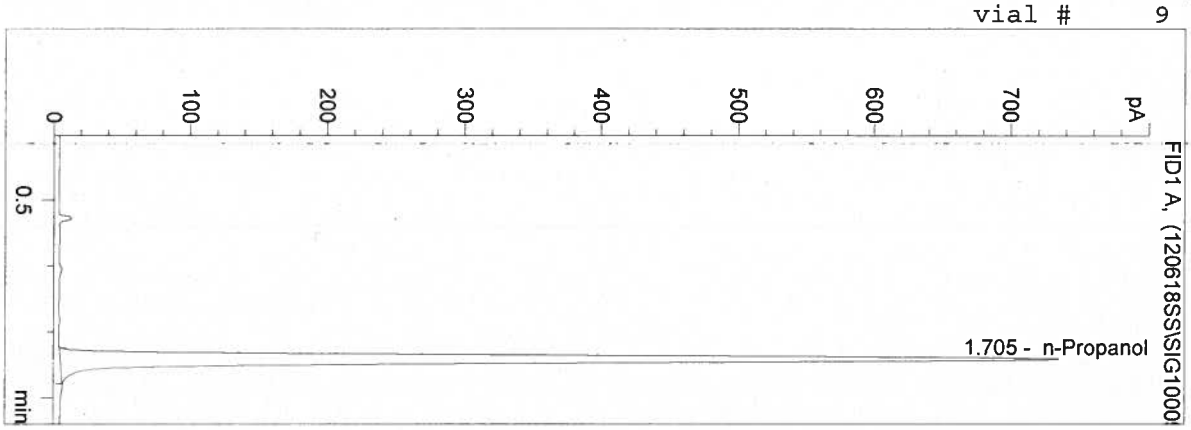
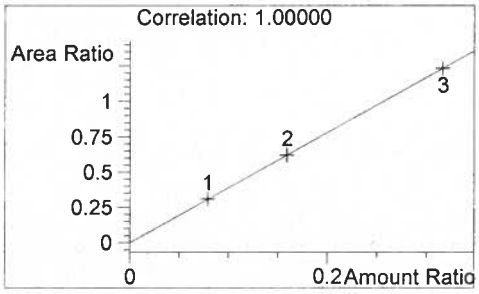
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:33:29 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

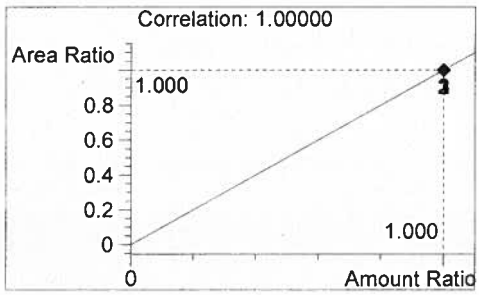
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2890	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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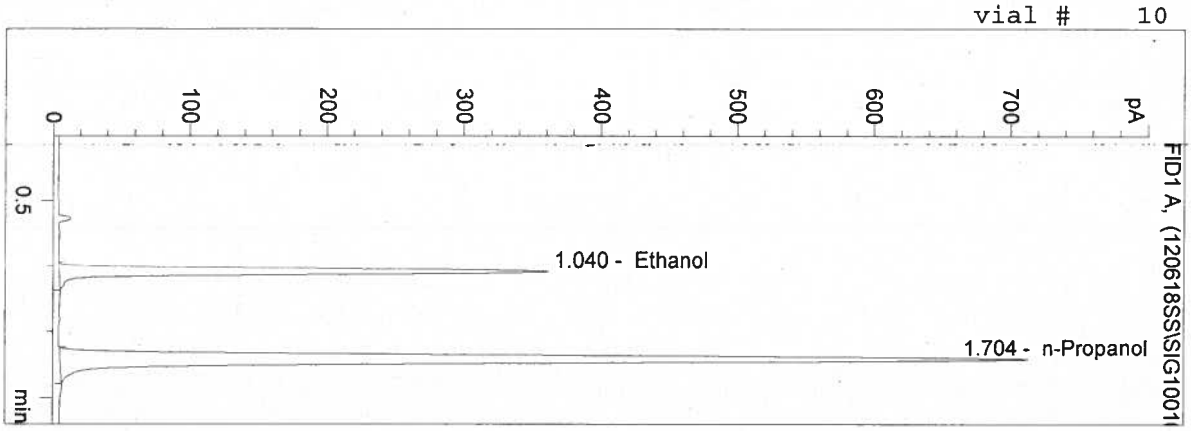
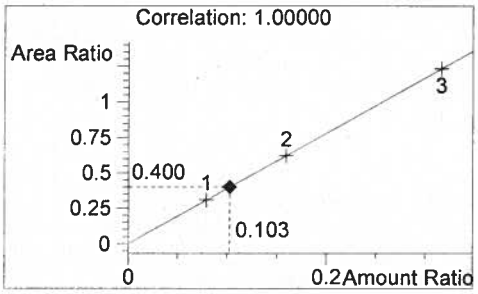
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:36:34 AM
Instrument 1
DB-ALC1

12025 #1
Sarah Swenson

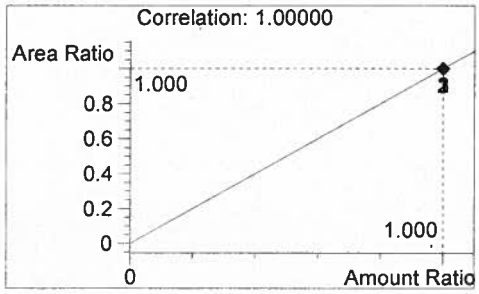
vial # 10



#	Compound	Area	RT
1	Ethanol	1121	1.040
2	n-Propanol	2805	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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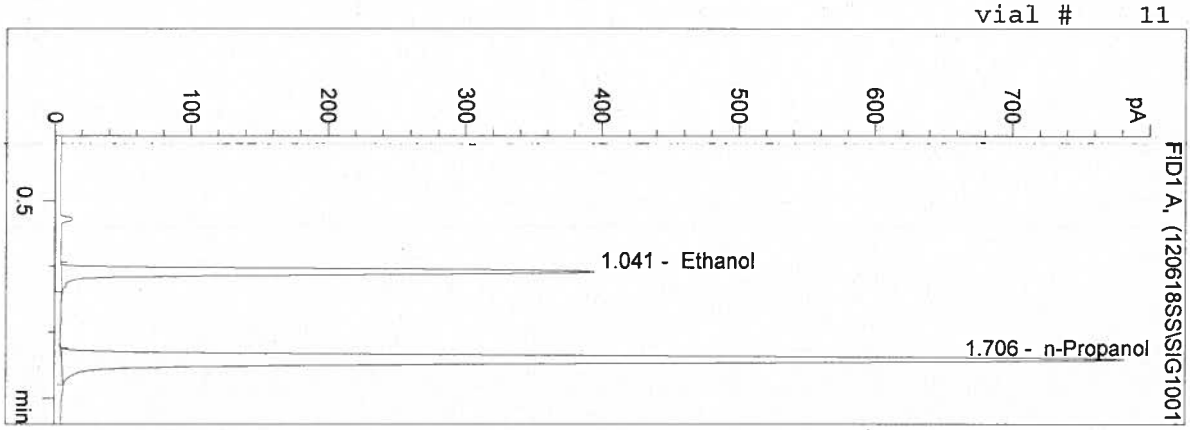
WASHINGTON STATE TOXICOLOGY LABORATORY

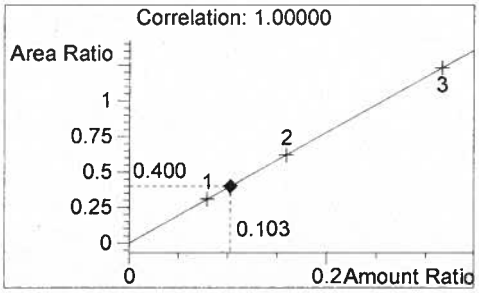
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:39:38 AM
Instrument 1
DB-ALC1

12025 #2
Sarah Swenson

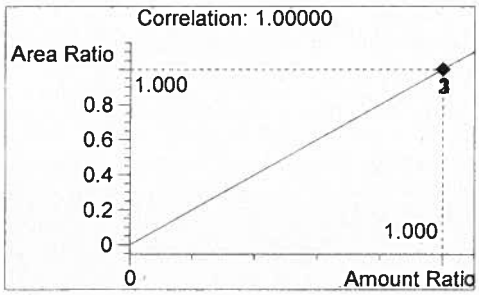
vial # 11



#	Compound	Area	RT
1	Ethanol	1234	1.041
2	n-Propanol	3085	1.706
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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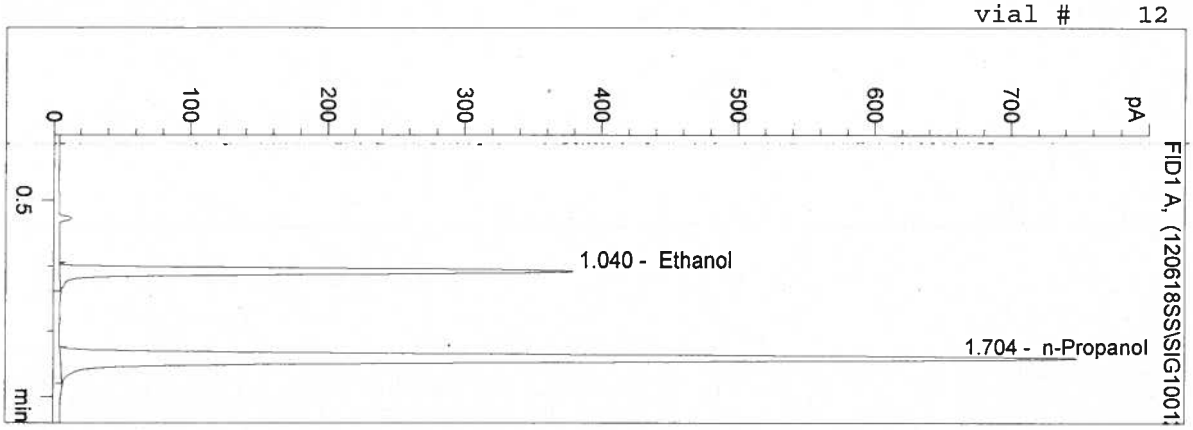
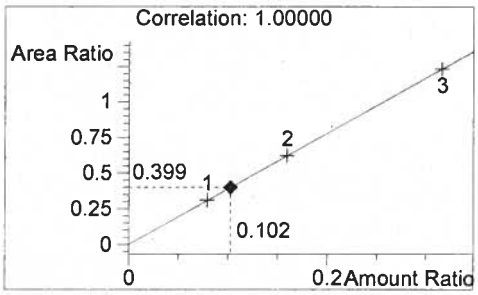
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:42:43 AM
Instrument 1
DB-ALC1

12025 #3
Sarah Swenson

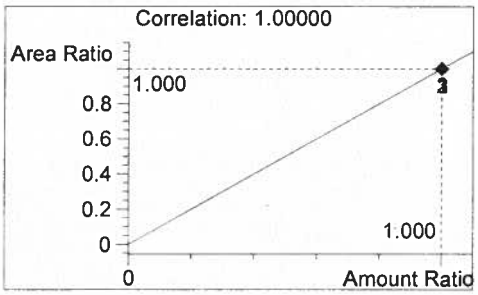
vial # 12



#	Compound	Area	RT
1	Ethanol	1176	1.040
2	n-Propanol	2944	1.704
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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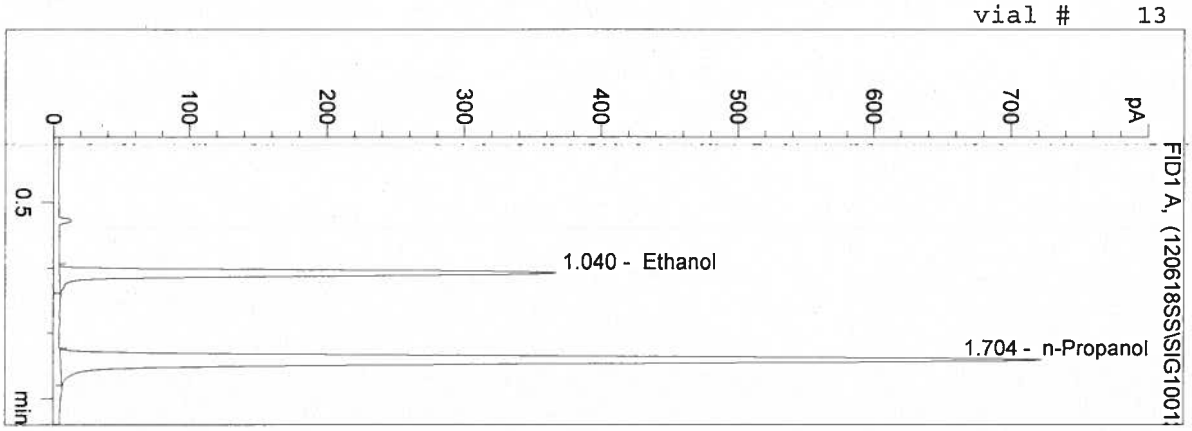
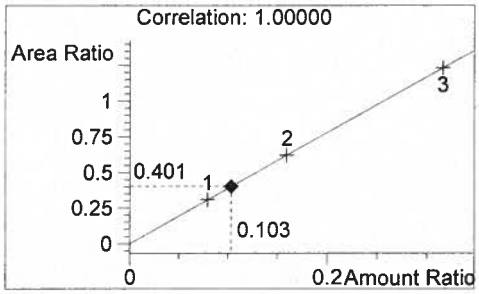
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:45:48 AM
Instrument 1
DB-ALC1

12025 #4
Sarah Swenson

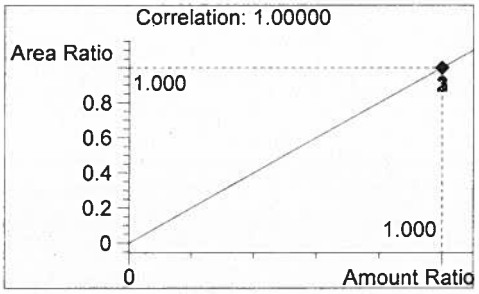
vial # 13



#	Compound	Area	RT
1	Ethanol	1142	1.040
2	n-Propanol	2844	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

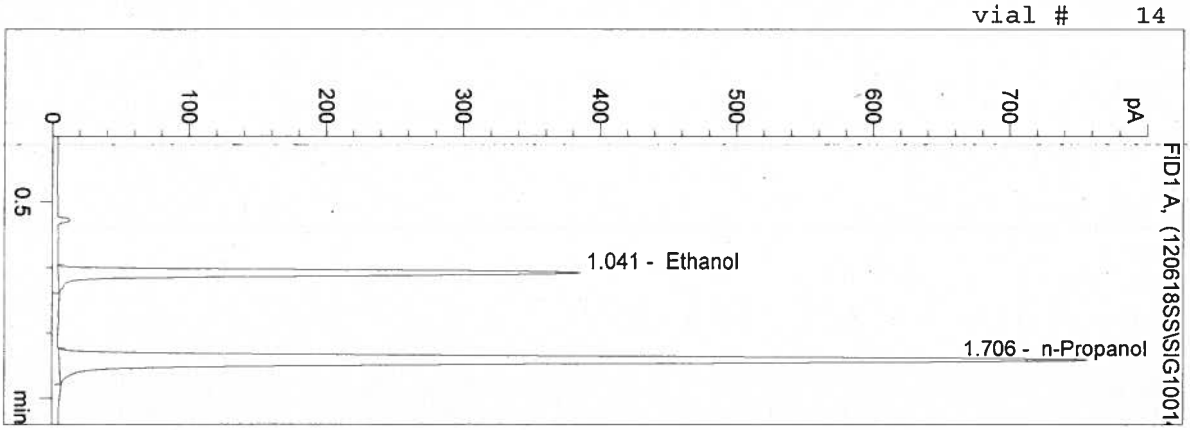
SJS

WASHINGTON STATE TOXICOLOGY LABORATORY

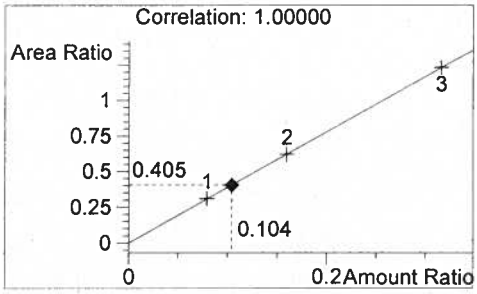
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:48:53 AM
Instrument 1
DB-ALC1

12025 #5
Sarah Swenson

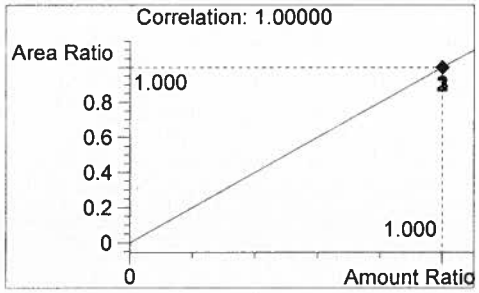
vial # 14



#	Compound	Area	RT
1	Ethanol	1208	1.041
2	n-Propanol	2979	1.706
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

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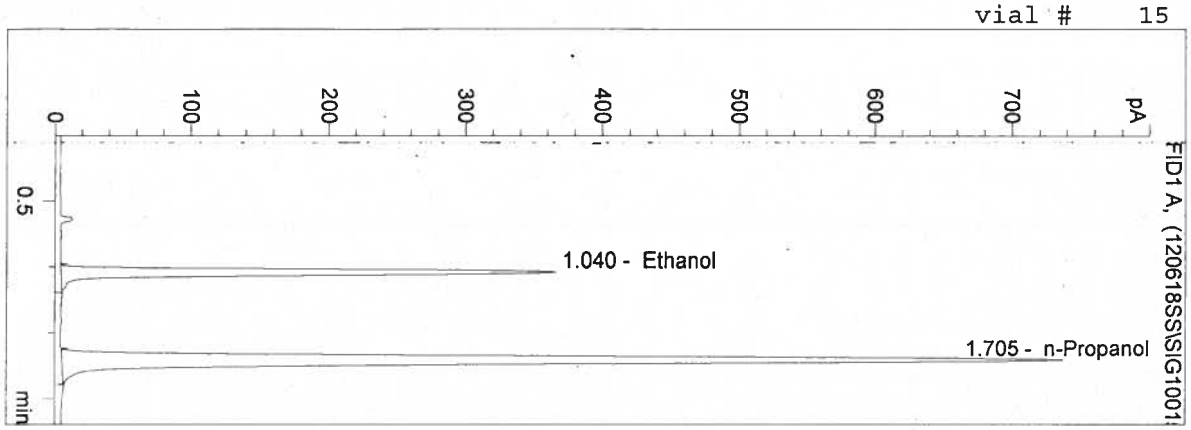
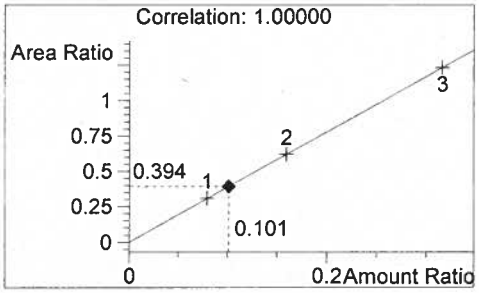
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:51:58 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

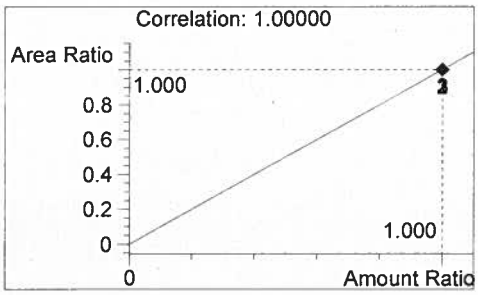
vial # 15



#	Compound	Area	RT
1	Ethanol	1145	1.040
2	n-Propanol	2904	1.705
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

12025

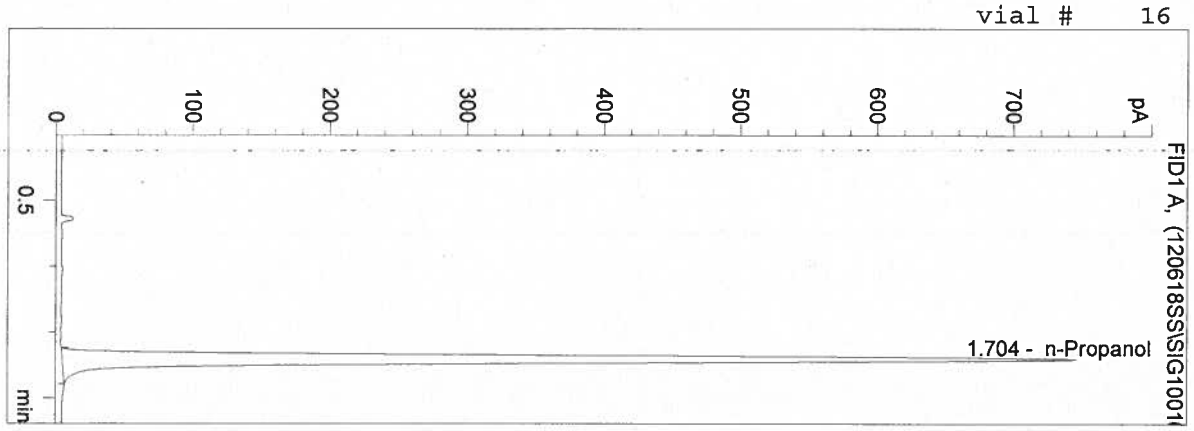
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

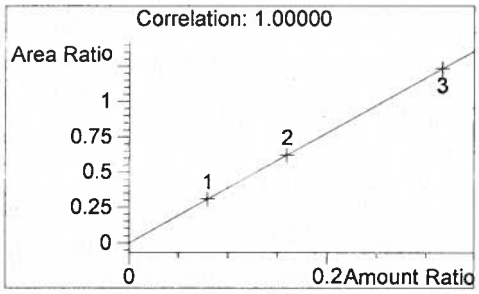
C:\HPCHEM\1\METHODS\SIMALC1.M
6/18/2012 10:55:03 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

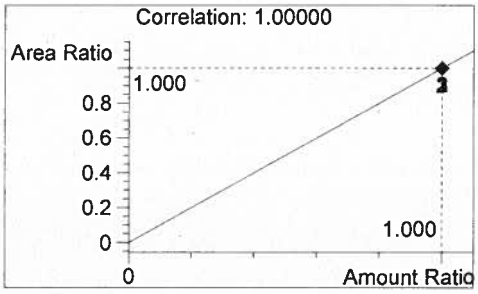
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2936	1.704
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

SMS

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:	120618CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0412-01 - Exp. 07/11/2012
Ethanol Calibrator 2, E0412-02 - Exp. 07/11/2012
Ethanol Calibrator 3, E0412-03 - Exp. 07/11/2012
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Ethanol Calibrator 1, E0412-01 - Exp. 07/11/2012
3	Vial 3	Ethanol Calibrator 2, E0412-02 - Exp. 07/11/2012
4	Vial 4	Ethanol Calibrator 3, E0412-03 - Exp. 07/11/2012
5	Vial 5	
6	Vial 6	0.04 Control - Lot #A077459 - Exp. 02/2015
7	Vial 7	0.10 Control - Lot #A083355 - Exp. 12/2015
8	Vial 8	0.20 Control - Lot #A076521 - Exp. 12/2014
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	0.10 Control - Lot #A083355 - Exp. 12/2015

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CJ

16 Vial 16

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 12025 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 12025 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 12025 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 12025 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 12025 #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	

Sequence Table (Back Injector):

No entries - empty table!

12025

CJ

Calibration Table

Calib. Data Modified : Monday, June 18, 2012 7:07:17 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.91800e-2	867.99890	9.12213e-5	1		Ethanol
		2	1.59320e-1	1734.03711	9.18781e-5			
		3	3.16260e-1	3398.21094	9.30666e-5			
1.704	1	1	1.00000	2817.43066	3.54933e-4	I1		n-Propanol
		2	1.00000	2805.67114	3.56421e-4			
		3	1.00000	2804.71948	3.56542e-4			

Peak Sum Table

No Entries in table

12025

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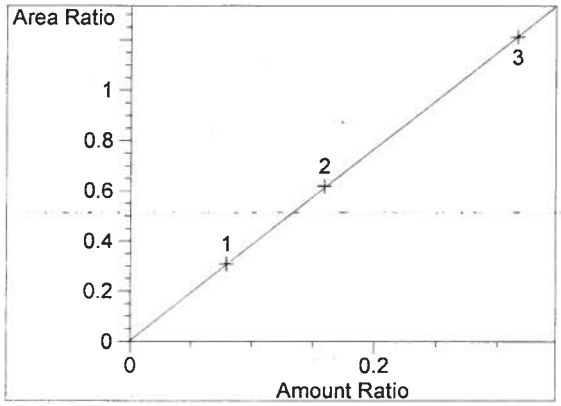
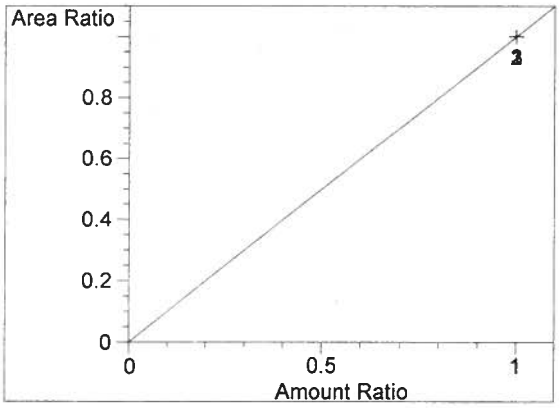
Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00462
Formula: y = mx + b
m: 3.82878
b: 3.41948e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

12025

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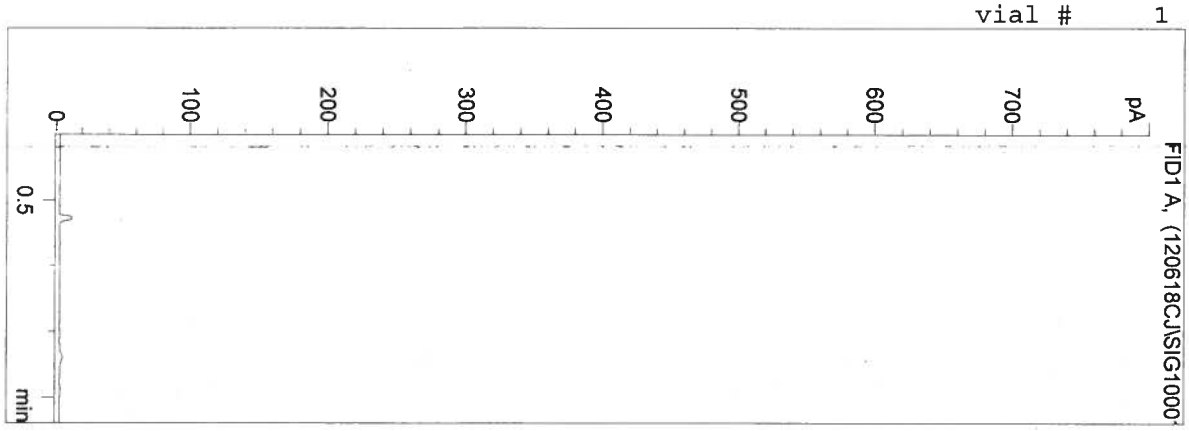
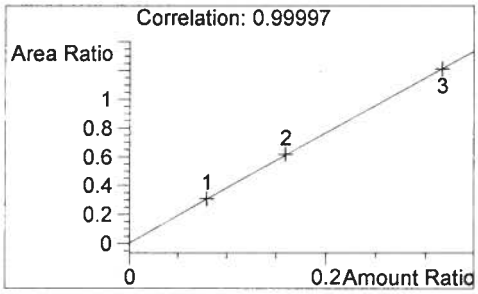
6/18/2012 6:55:48 PM
Instrument 1
DB-ALC1

BLANK-CJ
Chris Johnston

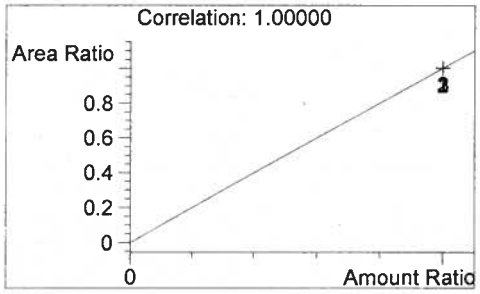
vial # 1



#	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

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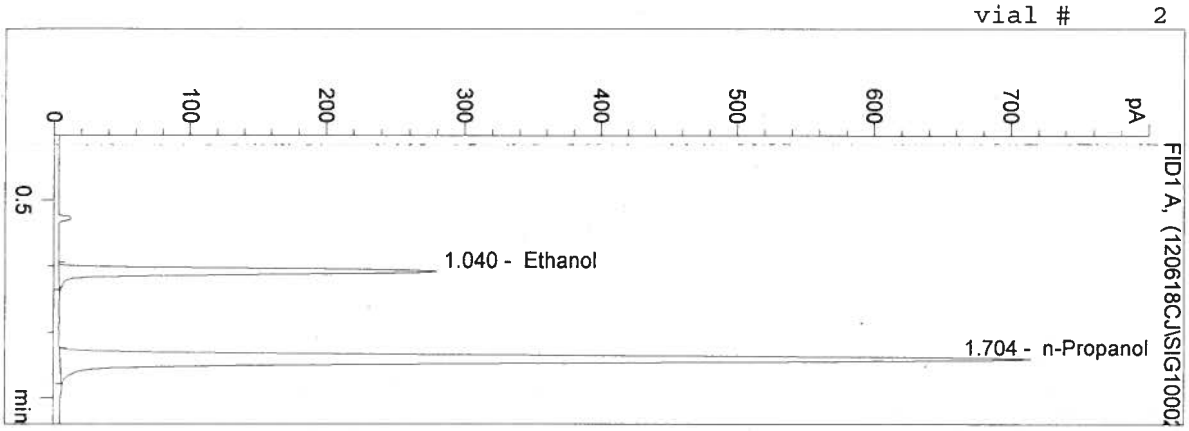
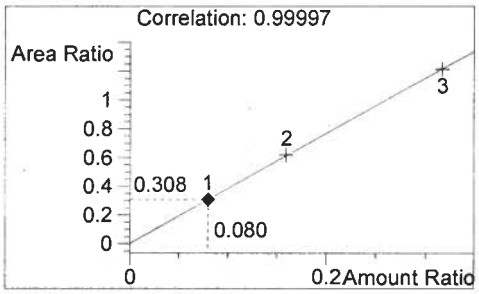
Instrument 1
DB-ALC1

0.079 CAL 1
Chris Johnston

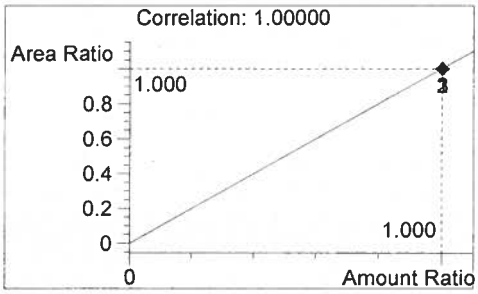
vial # 2



#	Compound	Area	RT
1	Ethanol	868	1.040
2	n-Propanol	2817	1.704
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

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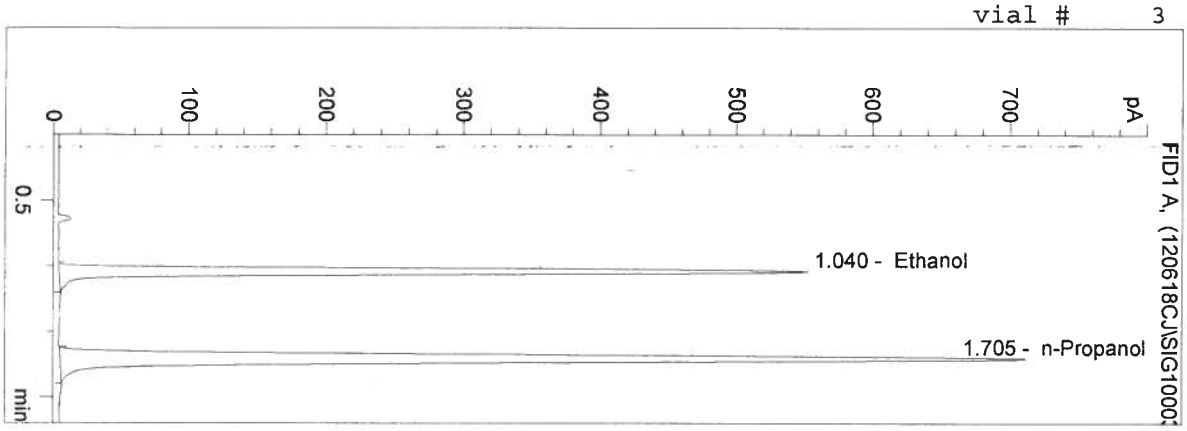
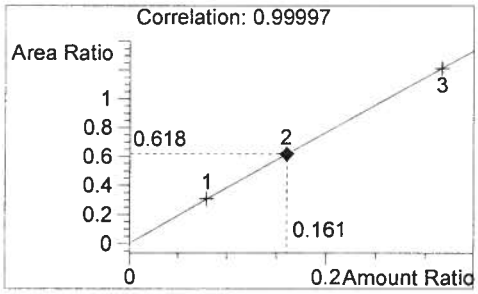
Instrument 1
DB-ALC1

0.158 CAL 2
Chris Johnston

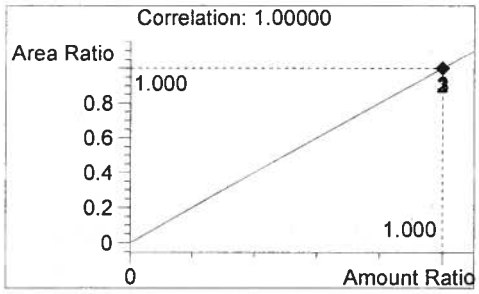
vial # 3



#	Compound	Area	RT
1	Ethanol	1734	1.040
2	n-Propanol	2806	1.705
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

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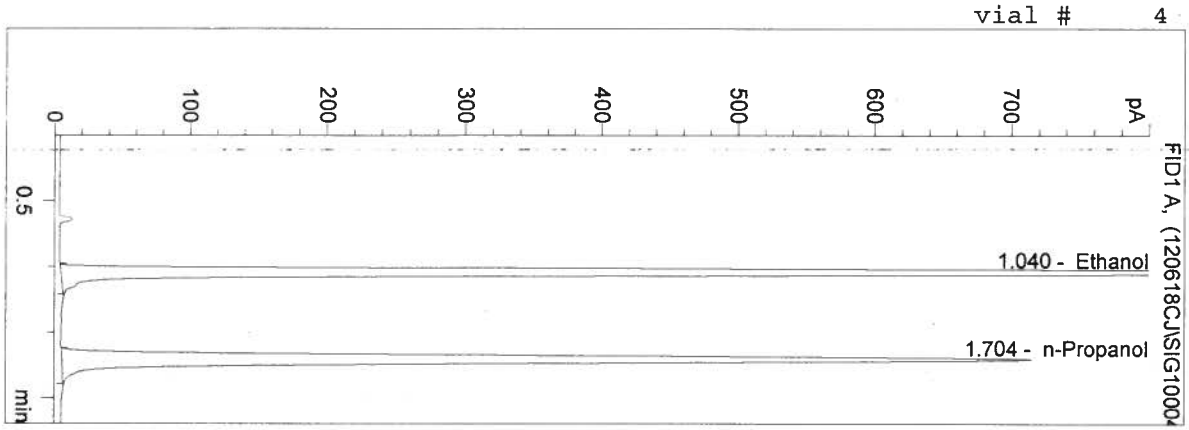
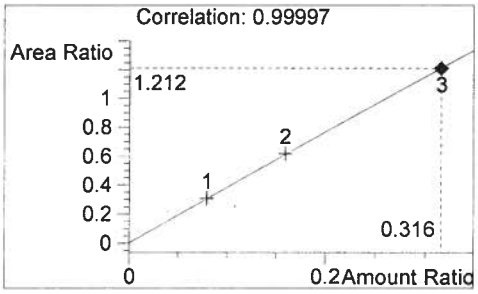
Instrument 1
DB-ALC1

0.316 CAL 3
Chris Johnston

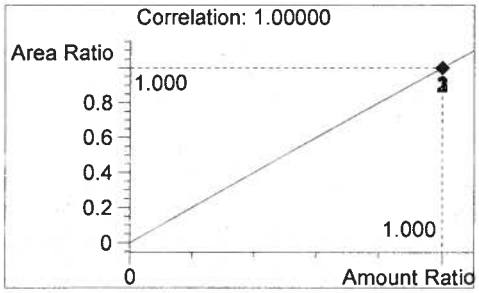
vial # 4



#	Compound	Area	RT
1	Ethanol	3398	1.040
2	n-Propanol	2805	1.704
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

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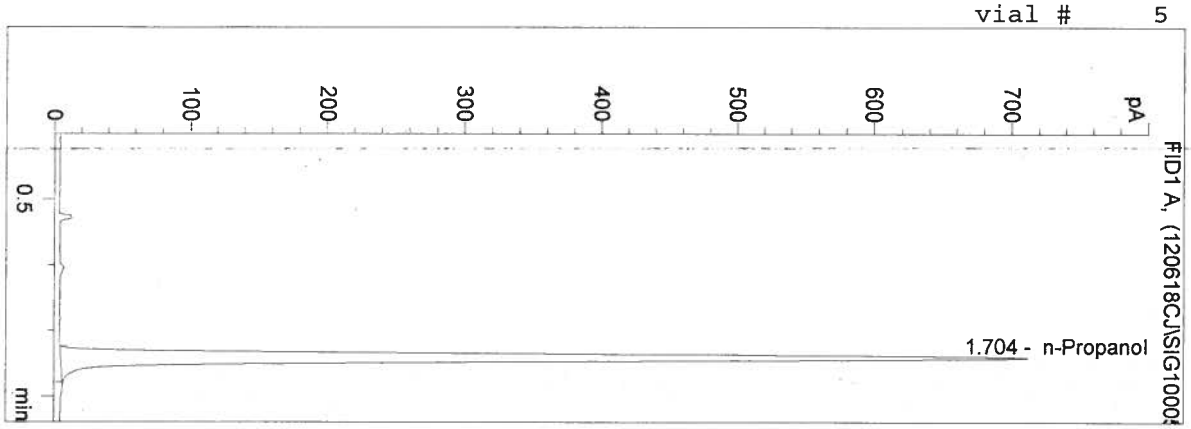
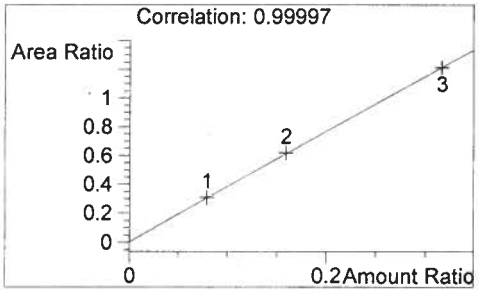
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

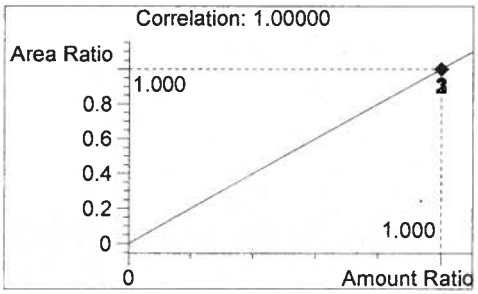
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2803	1.704
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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Instrument 1
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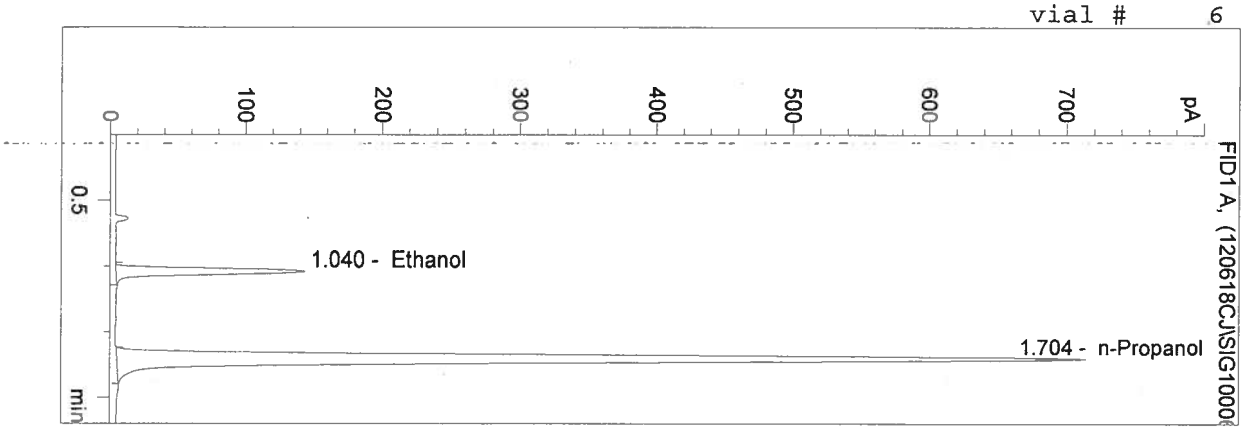
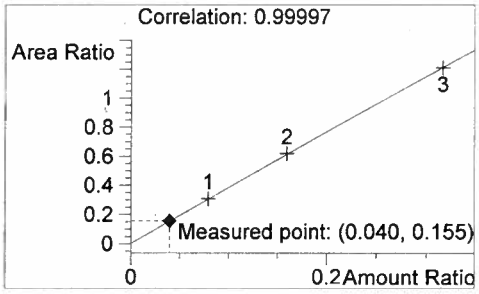
0.04 CTRL-CJ
Chris Johnston

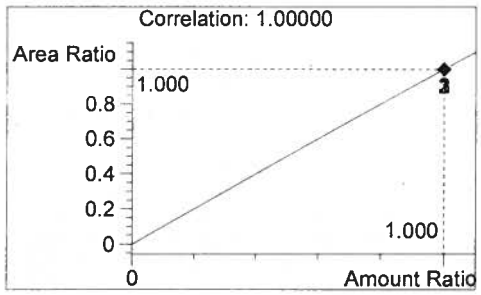
vial # 6



#	Compound	Area	RT
1	Ethanol	436	1.040
2	n-Propanol	2809	1.704
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

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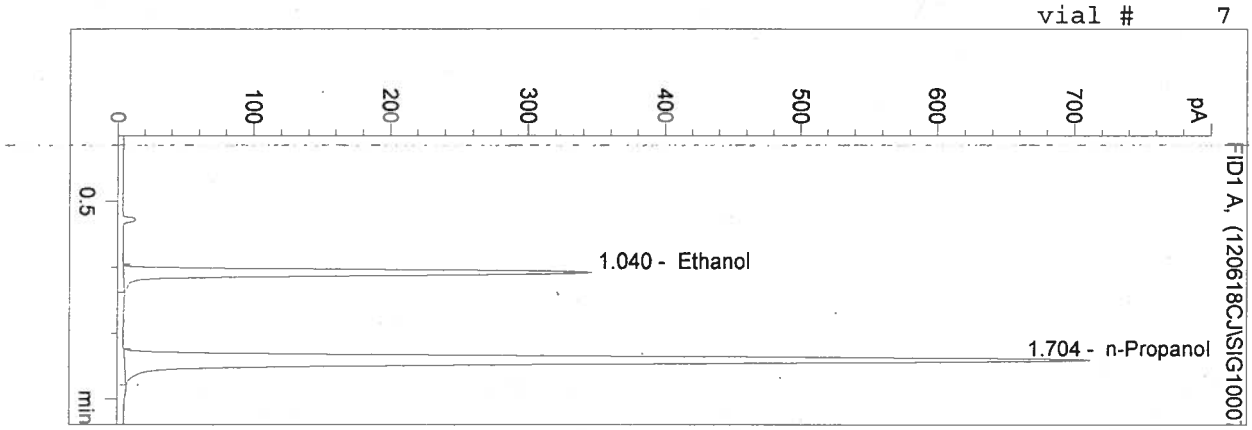
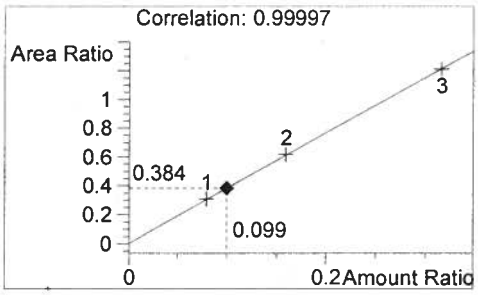
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

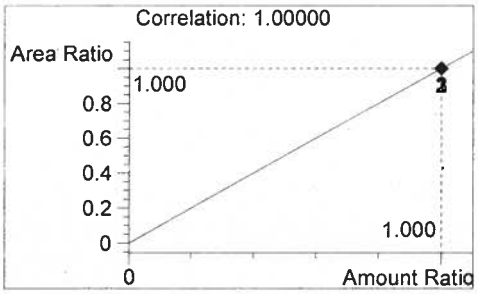
vial # 7



#	Compound	Area	RT
1	Ethanol	1079	1.040
2	n-Propanol	2809	1.704
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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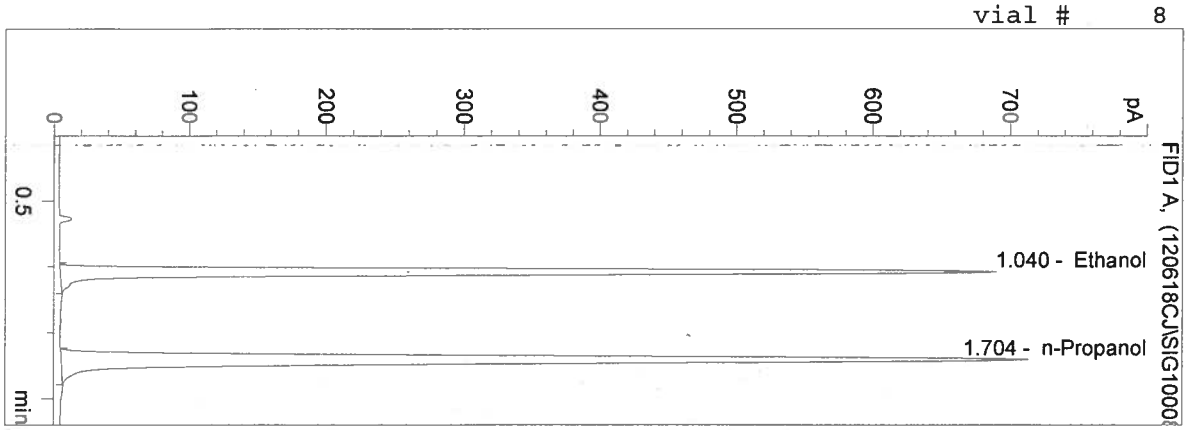
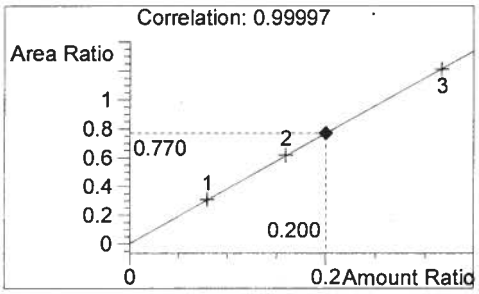
Instrument 1
DB-ALC1

0.20 CTRL-CJ
Chris Johnston

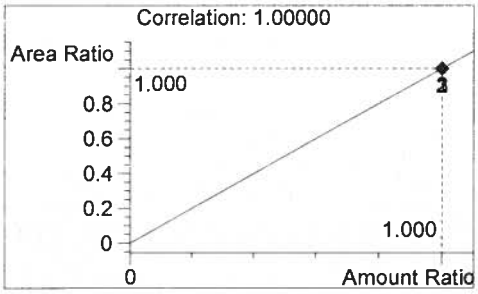
vial # 8



#	Compound	Area	RT
1	Ethanol	2160	1.040
2	n-Propanol	2806	1.704
Tot			



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

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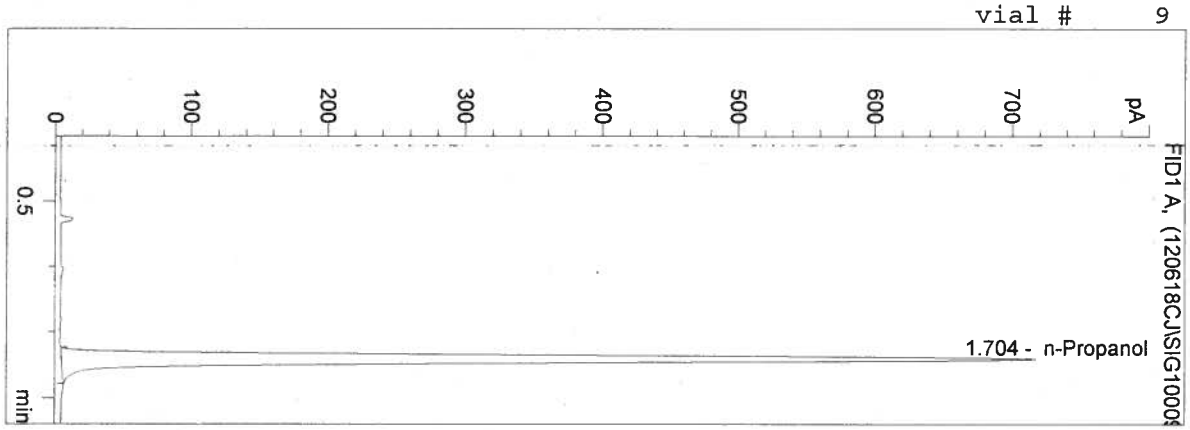
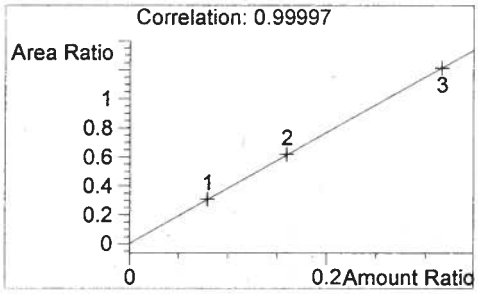
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

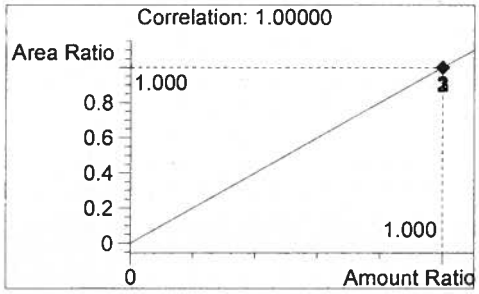
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2821	1.704
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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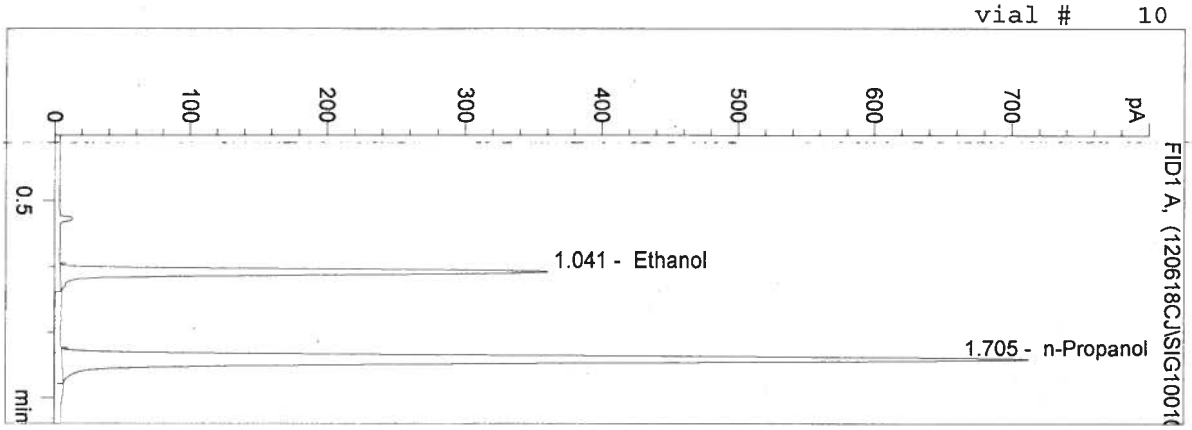
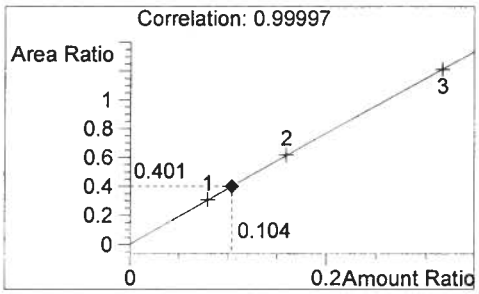
Instrument 1
DB-ALC1

ESS 12025 #1
Chris Johnston

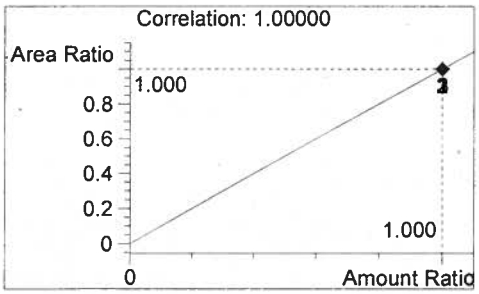
vial # 10



#	Compound	Area	RT
1	Ethanol	1125	1.041
2	n-Propanol	2803	1.705
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

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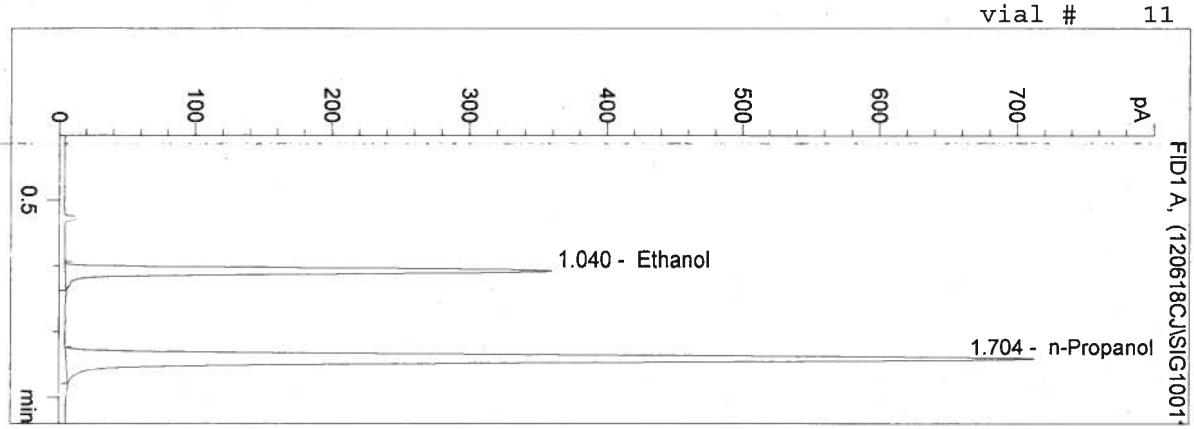
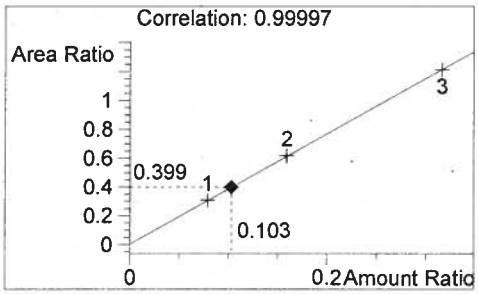
Instrument 1
DB-ALC1

ESS 12025 #2
Chris Johnston

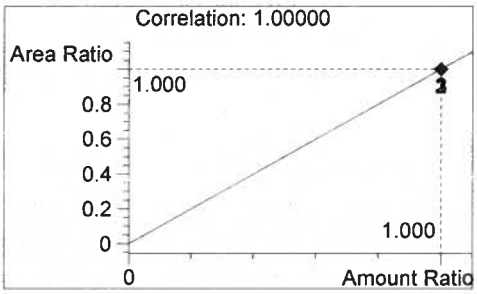
vial # 11



#	Compound	Area	RT
1	Ethanol	1122	1.040
2	n-Propanol	2813	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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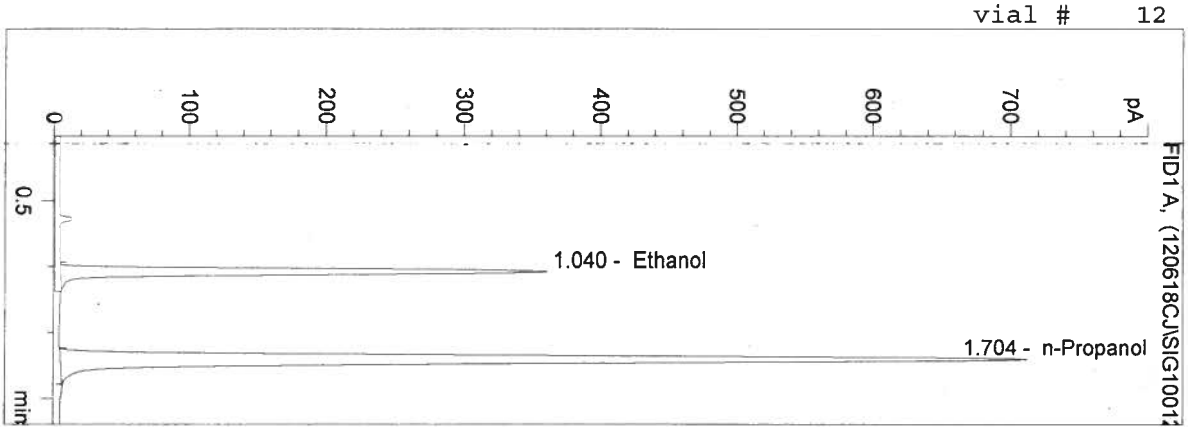
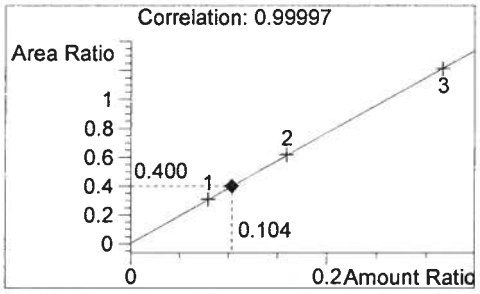
Instrument 1
DB-ALC1

ESS 12025 #3
Chris Johnston

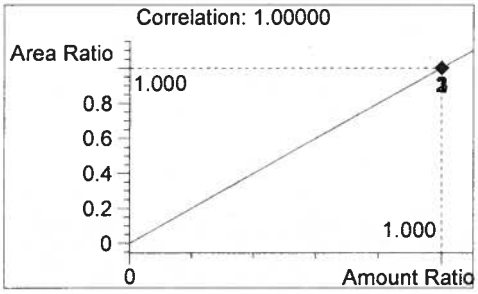
vial # 12



#	Compound	Area	RT
1	Ethanol	1120	1.040
2	n-Propanol	2799	1.704
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

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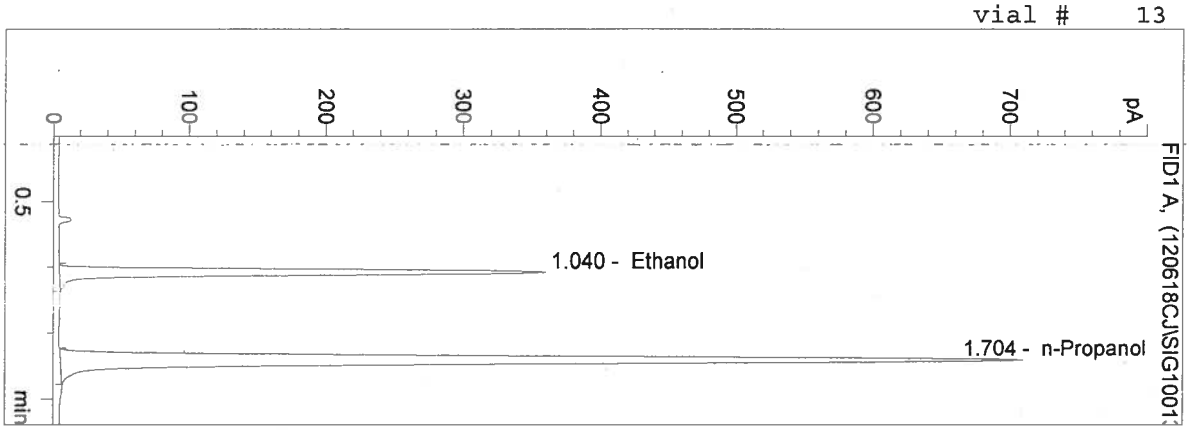
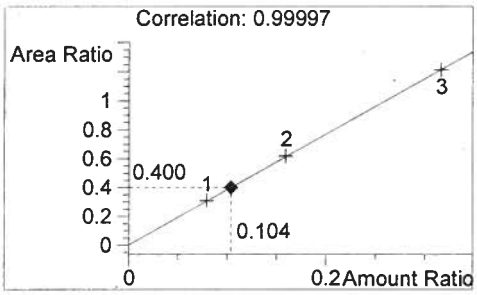
Instrument 1
DB-ALC1

ESS 12025 #4
Chris Johnston

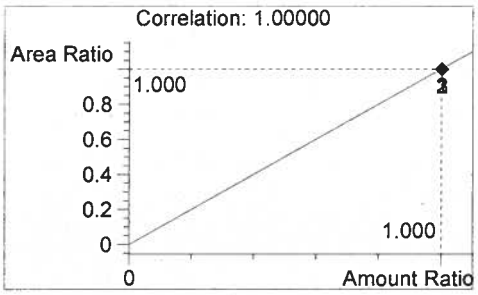
vial # 13



#	Compound	Area	RT
1	Ethanol	1118	1.040
2	n-Propanol	2792	1.704
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

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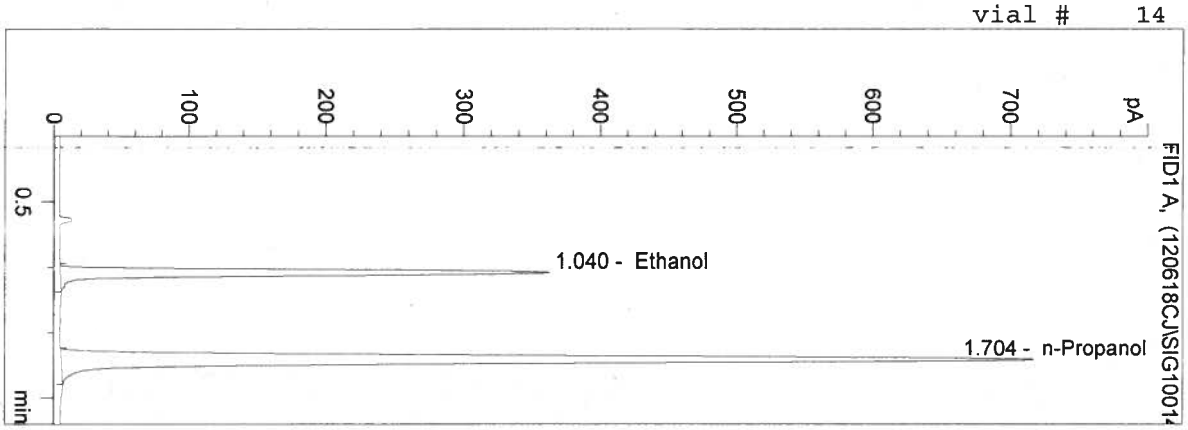
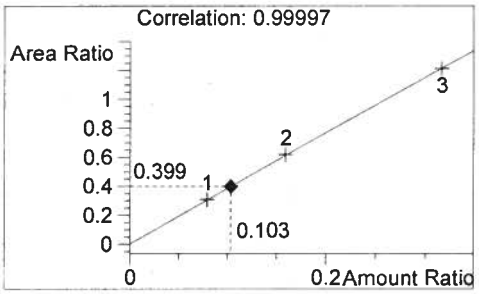
Instrument 1
DB-ALC1

ESS 12025 #5
Chris Johnston

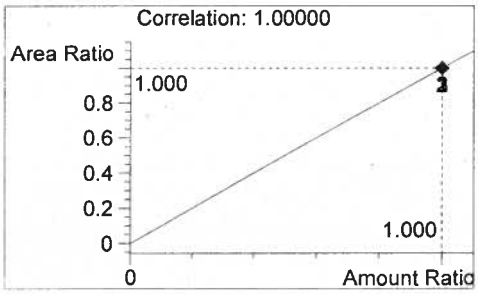
vial # 14



#	Compound	Area	RT
1	Ethanol	1127	1.040
2	n-Propanol	2824	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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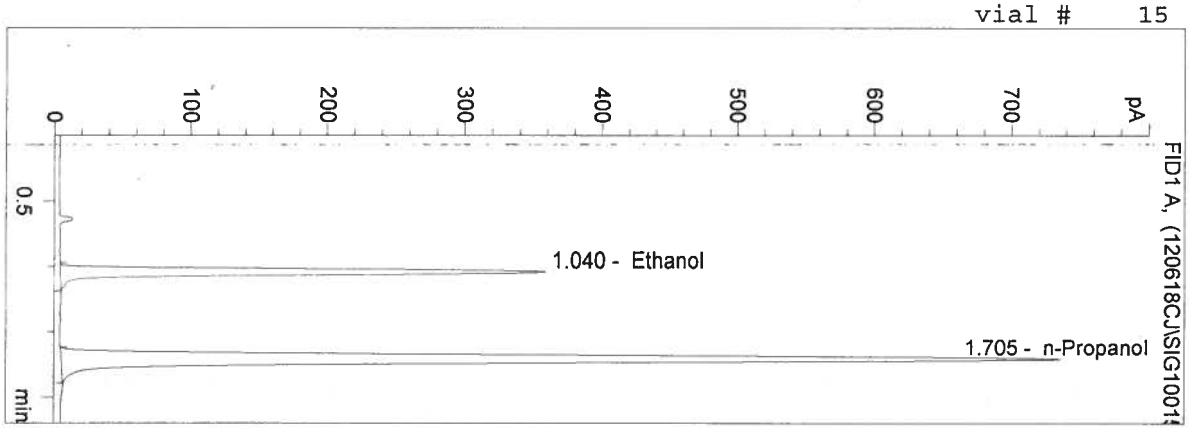
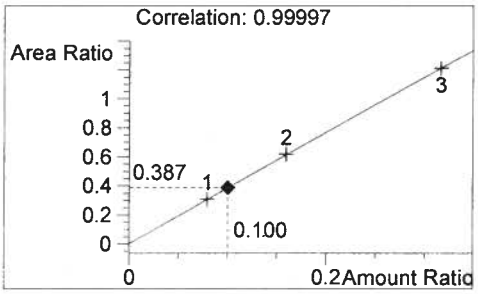
Instrument 1
DB-ALC1

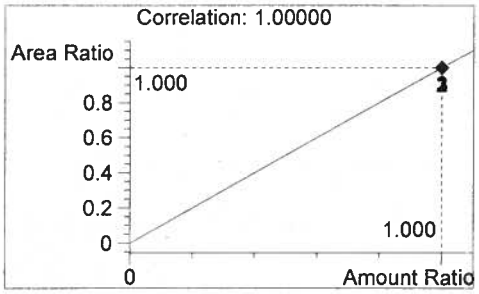
0.10 CTRL-CJ
Chris Johnston
vial # 15



#	Compound	Area	RT
1	Ethanol	1124	1.040
2	n-Propanol	2902	1.705
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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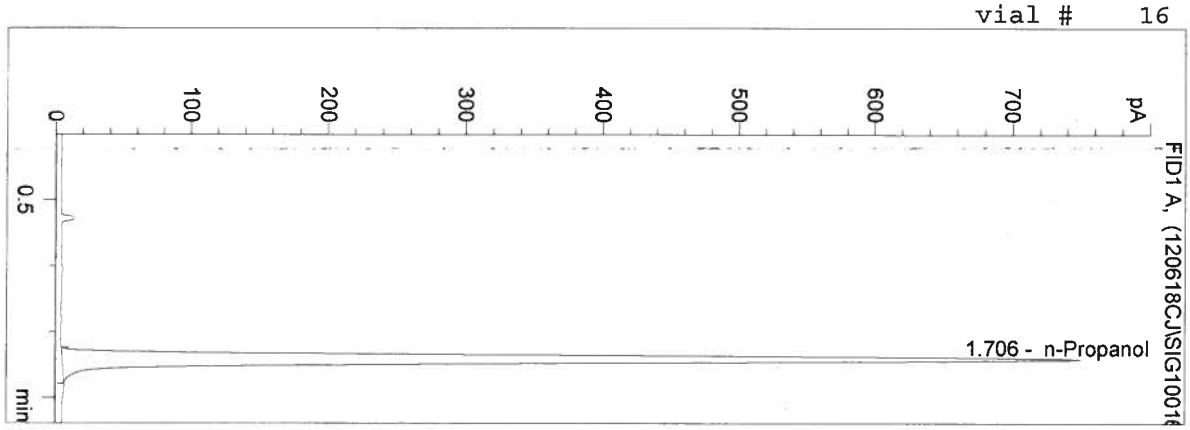
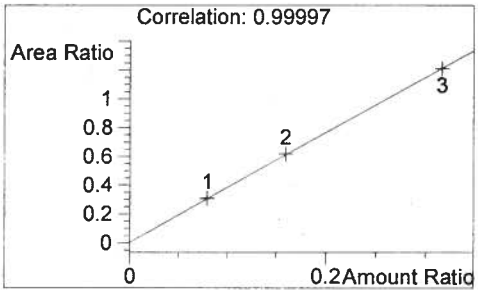
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

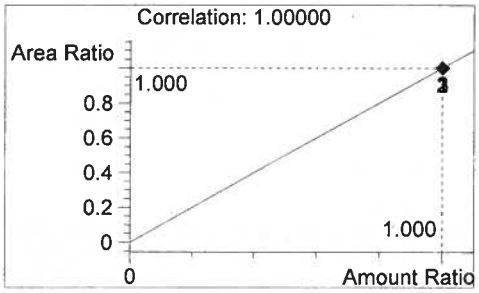
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2960	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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:	120619A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0412-01 exp 07/11/2012
cal 2 e0412-02 exp 07/11/2012
cal 3 e0412-03 exp 07/11/2012
0.04 control lot# a077459 exp 02/2015
0.10 control lot# a083355 exp 12/2015
0.20 control lot# a076521 exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	12025 #1	SIMALC1	1	Sample		
11	Vial 11	12025 #2	SIMALC1	1	Sample		
12	Vial 12	12025 #3	SIMALC1	1	Sample		
13	Vial 13	12025 #4	SIMALC1	1	Sample		
14	Vial 14	12025 #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		

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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	

12025

Sequence Table (Back Injector):

Sequence: C:\HPCHEM\1\SEQUENCE\AL-ESS1.S

No entries - empty table!

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Calibration Table

Calib. Data Modified : Tuesday, June 19, 2012 10:22:44 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1	1	7.91800e-2	870.06378	9.10048e-5	1		Ethanol
		2	1.59320e-1	1735.42664	9.18045e-5			
		3	3.16260e-1	3441.37280	9.18994e-5			
1.705	1	1	1.00000	2785.31494	3.59026e-4	I1		n-Propanol
		2	1.00000	2799.34033	3.57227e-4			
		3	1.00000	2798.24780	3.57366e-4			

Peak Sum Table

No Entries in table

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2012JUN19

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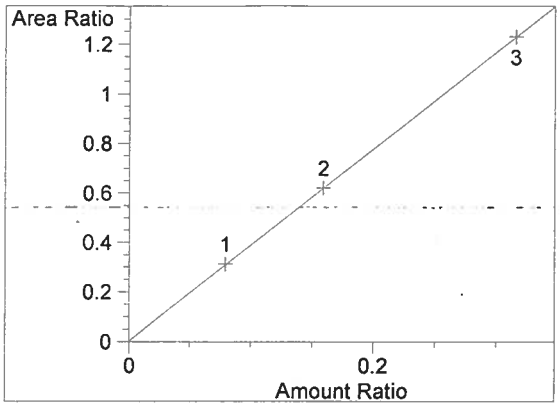
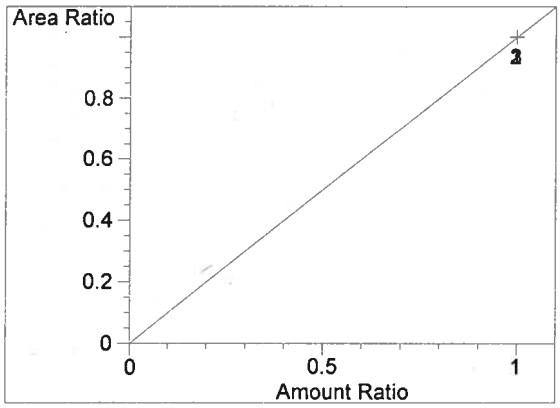
Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00255
Formula: y = mx + b
m: 3.88396
b: 1.87040e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

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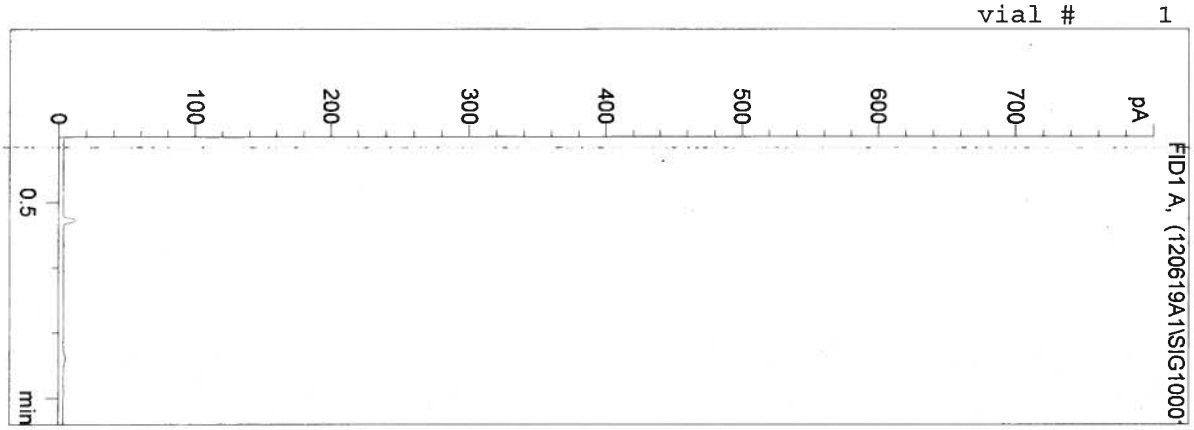
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

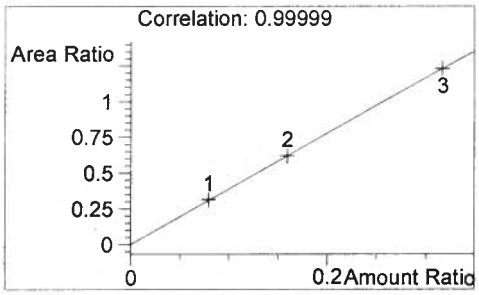
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:11:16 AM
Instrument 1
DB-ALC1

blank
asa louis

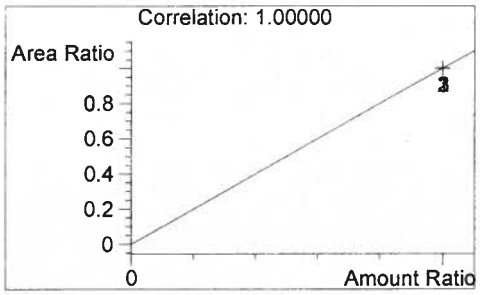
vial # 1



#	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

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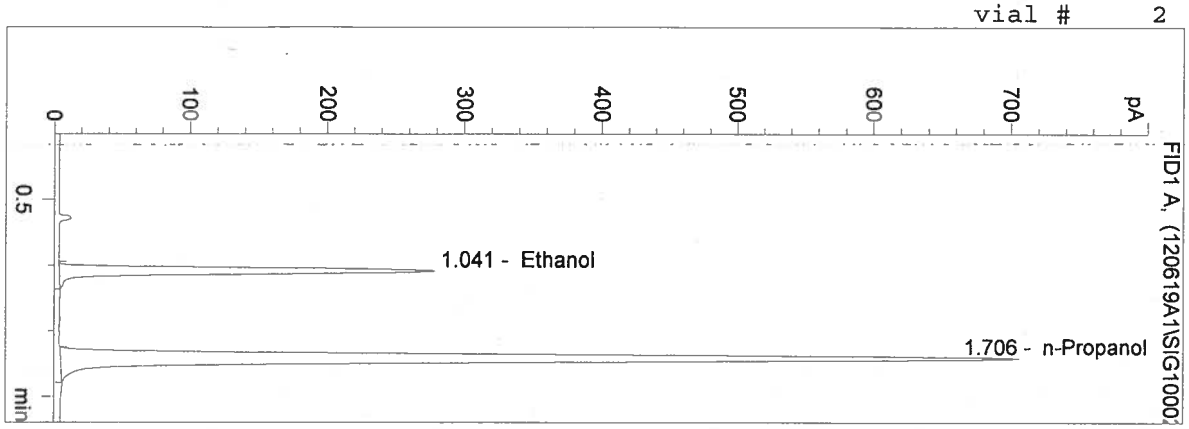
WASHINGTON STATE TOXICOLOGY LABORATORY

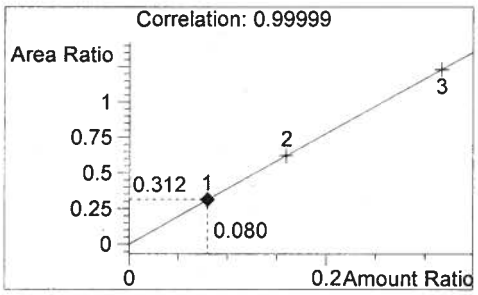
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:14:21 AM
Instrument 1
DB-ALC1

0.079 cal 1
asa louis

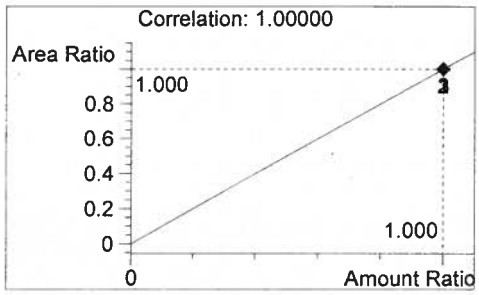
vial # 2



#	Compound	Area	RT
1	Ethanol	870	1.041
2	n-Propanol	2785	1.706
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

Ac
2012 JUN 19

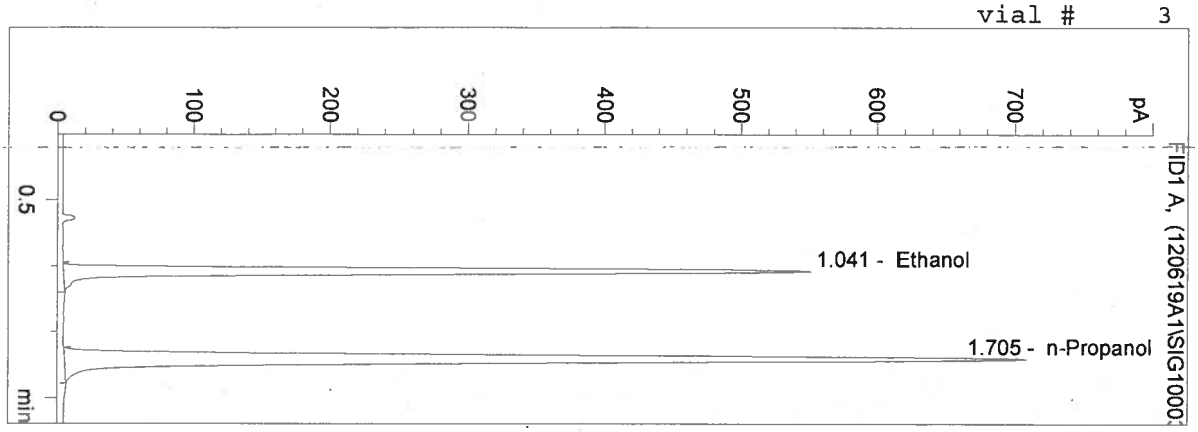
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

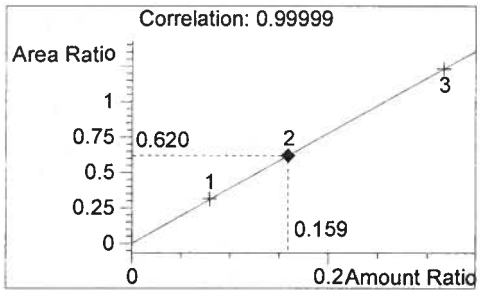
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:17:26 AM
Instrument 1
DB-ALC1

0.158 cal 2
asa louis

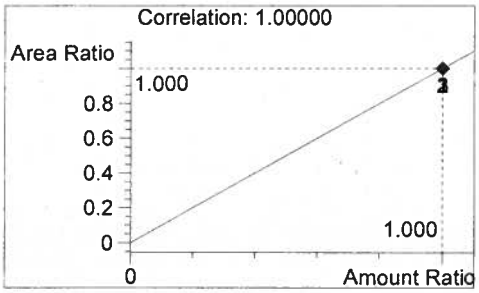
vial # 3



#	Compound	Area	RT
1	Ethanol	1735	1.041
2	n-Propanol	2799	1.705
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

AK
2012 JUN 19

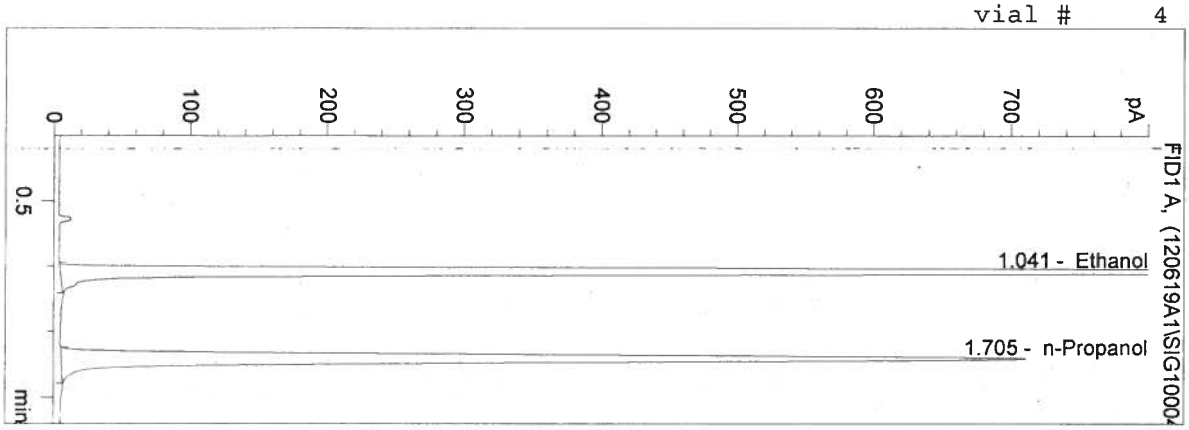
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

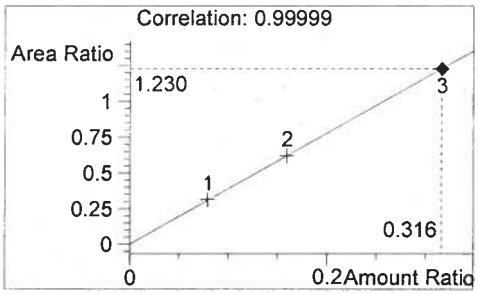
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:20:31 AM
Instrument 1
DB-ALC1

0.316 cal 3
asa louis

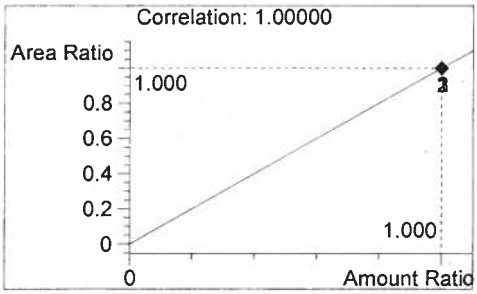
vial # 4



#	Compound	Area	RT
1	Ethanol	3441	1.041
2	n-Propanol	2798	1.705
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

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2012 JUN 19

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WASHINGTON STATE TOXICOLOGY LABORATORY

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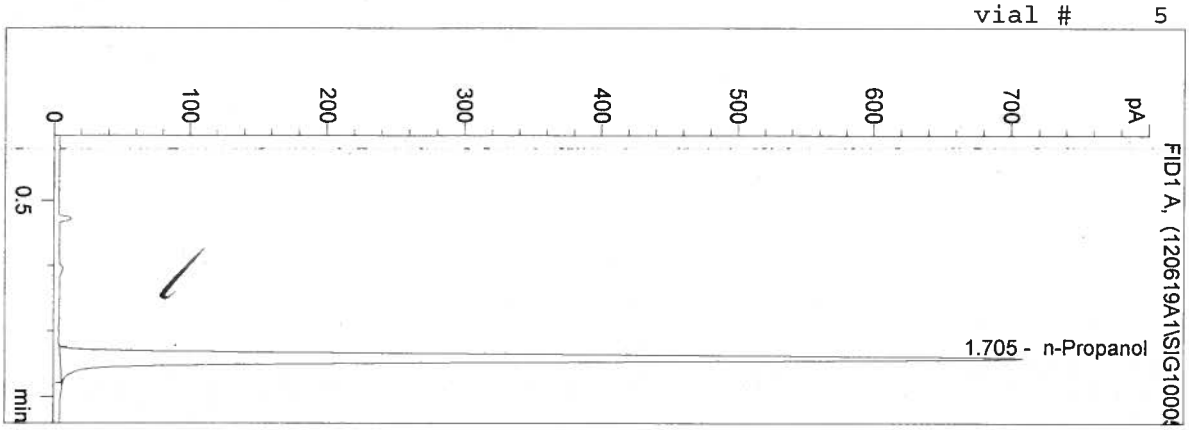
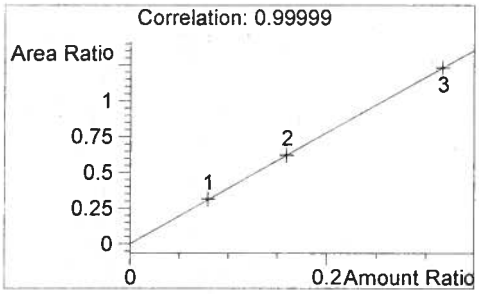
6/19/2012 10:23:36 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

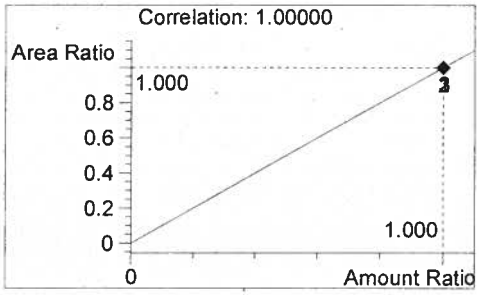
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2797	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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2012 JUN 19

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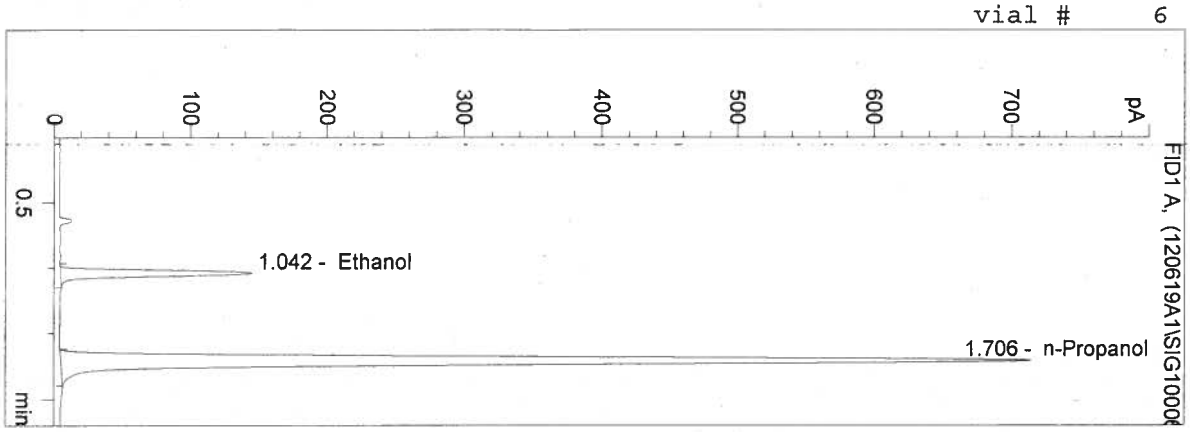
WASHINGTON STATE TOXICOLOGY LABORATORY

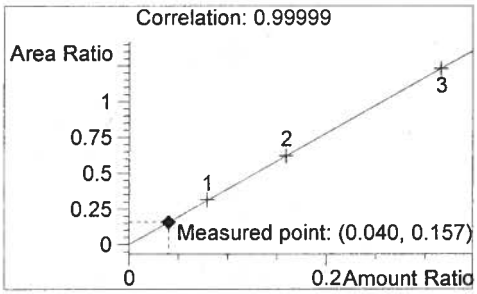
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:26:40 AM
Instrument 1
DB-ALC1

0.04 ctrl al
asa louis

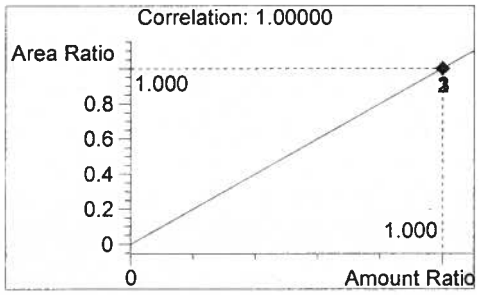
vial # 6



#	Compound	Area	RT
1	Ethanol	444	1.042
2	n-Propanol	2821	1.706
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

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2012 JUN 19

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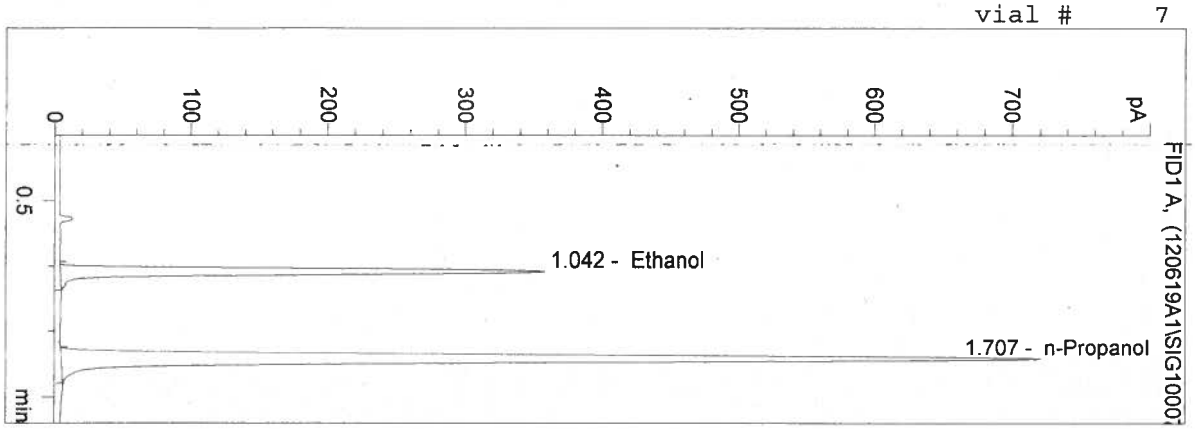
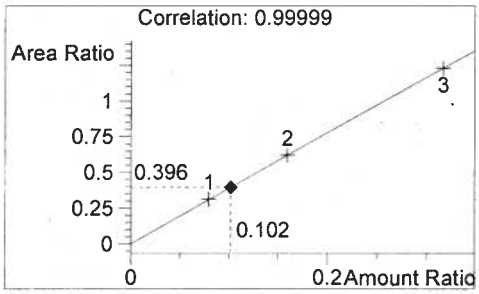
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:29:45 AM
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

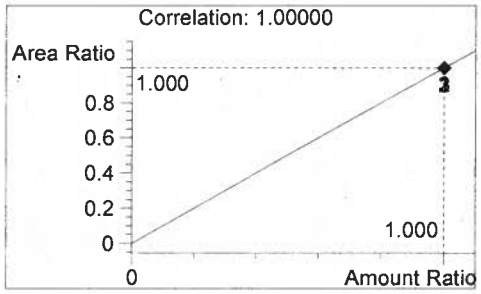
vial # 7



#	Compound	Area	RT
1	Ethanol	1130	1.042
2	n-Propanol	2852	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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2012 JUN 19

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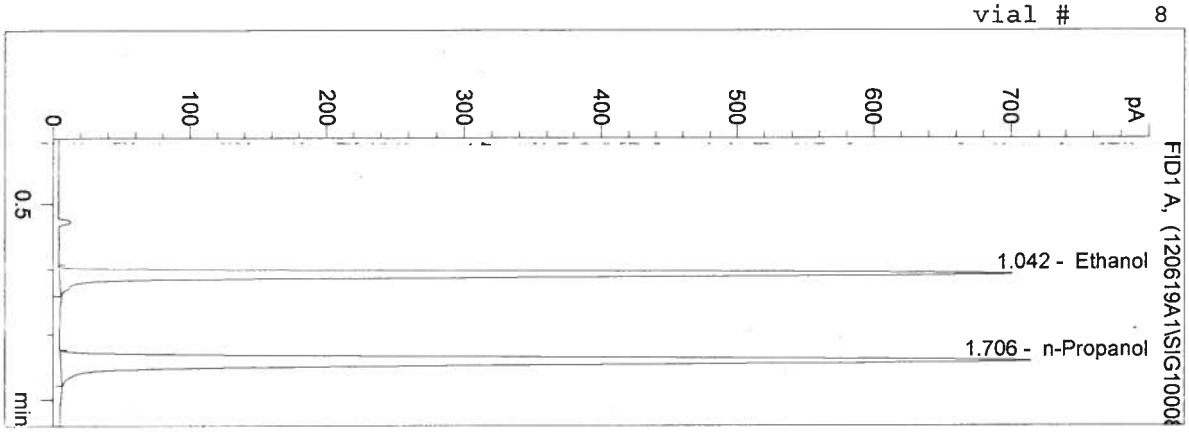
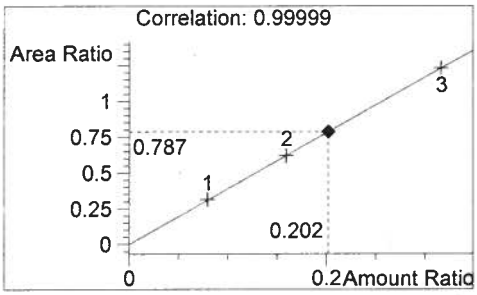
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:32:50 AM
Instrument 1
DB-ALC1

0.20 ctrl al
asa louis

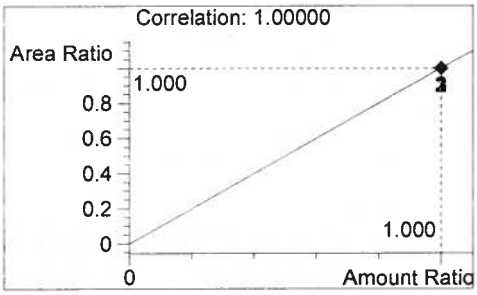
vial # 8



#	Compound	Area	RT
1	Ethanol	2217	1.042
2	n-Propanol	2819	1.706
Tot			



Ethanol 0.202 g/100 mL



n-Propanol 1.000 g/100 mL

2012 JUN 19

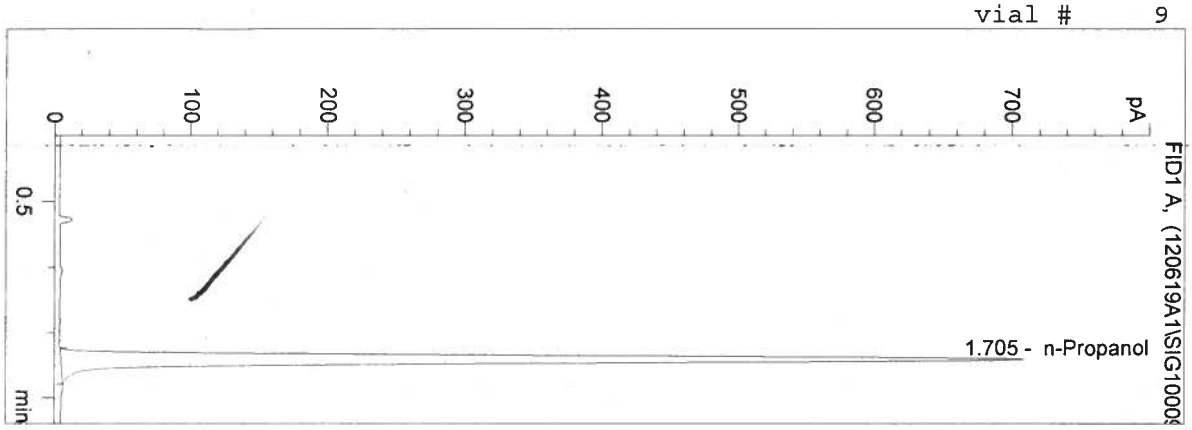
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

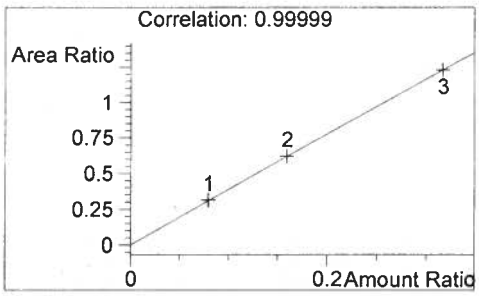
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:35:55 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

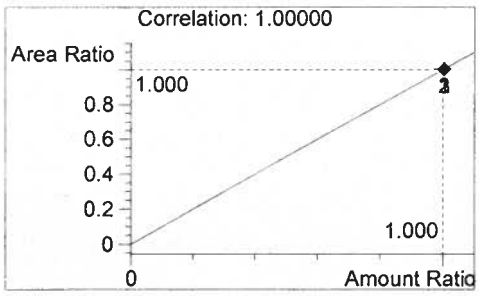
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2794	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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20R JUN 19

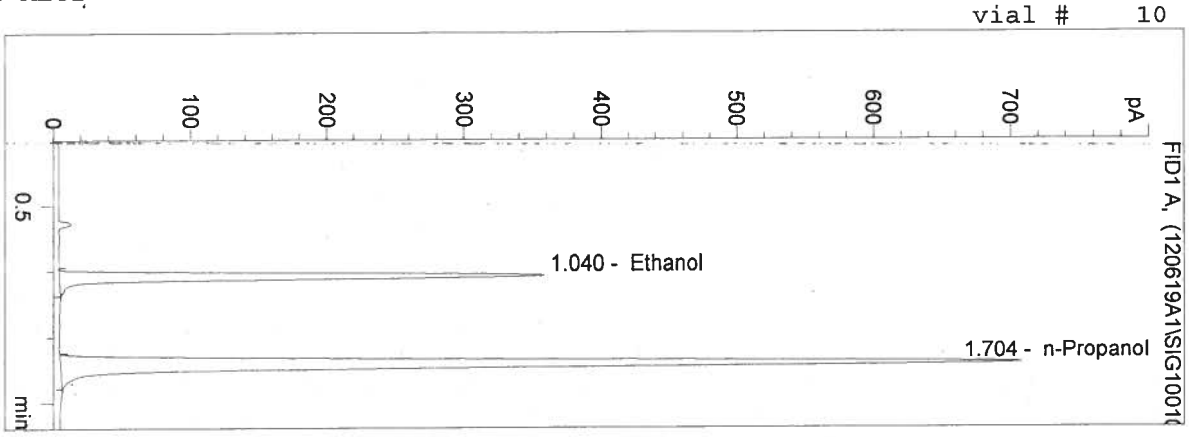
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

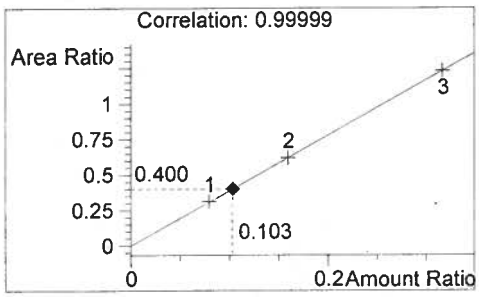
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:38:59 AM
Instrument 1
DB-ALC1

12025 #1
asa louis

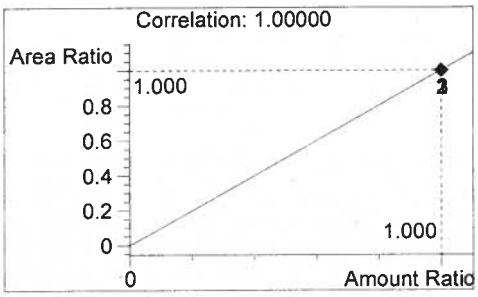
vial # 10



#	Compound	Area	RT
1	Ethanol	1117	1.040
2	n-Propanol	2790	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

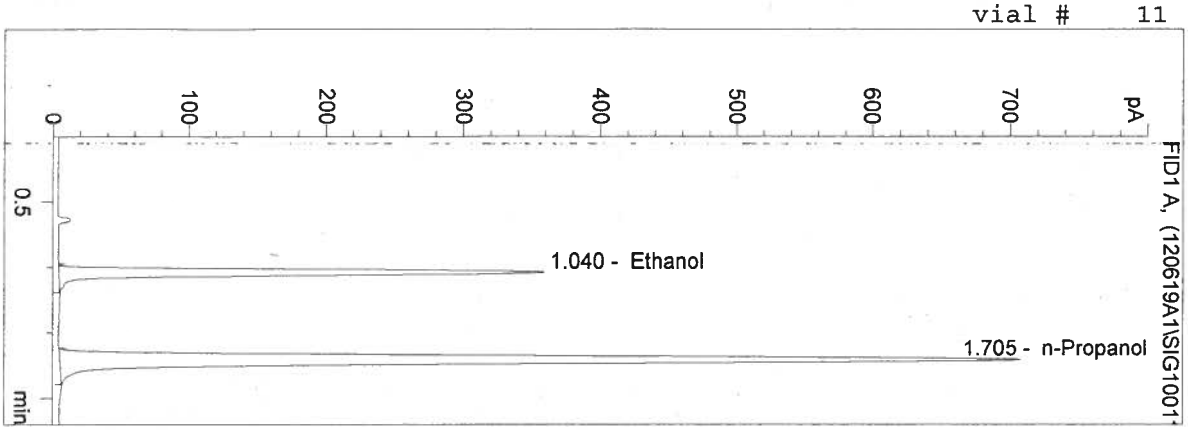
A
2012 JUN 19

WASHINGTON STATE TOXICOLOGY LABORATORY

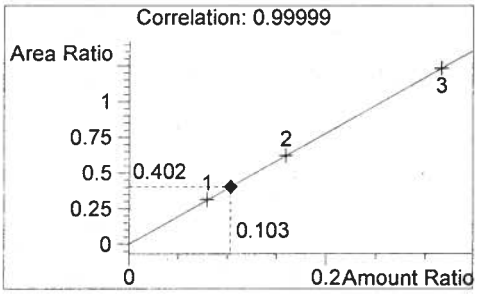
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:42:04 AM
Instrument 1
DB-ALC1

12025 #2
asa louis

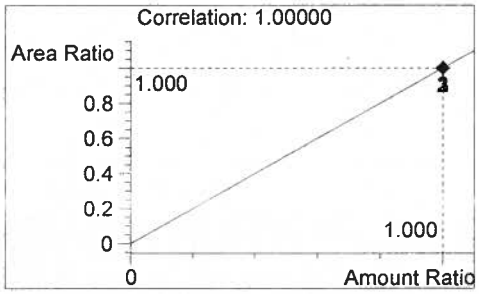
vial # 11



#	Compound	Area	RT
1	Ethanol	1121	1.040
2	n-Propanol	2789	1.705
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

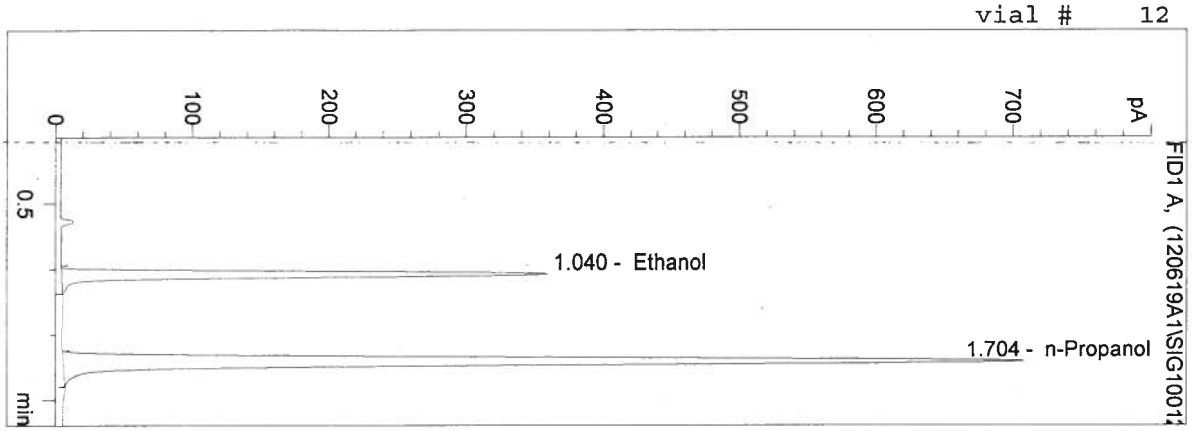
A
20R JUN 19

WASHINGTON STATE TOXICOLOGY LABORATORY

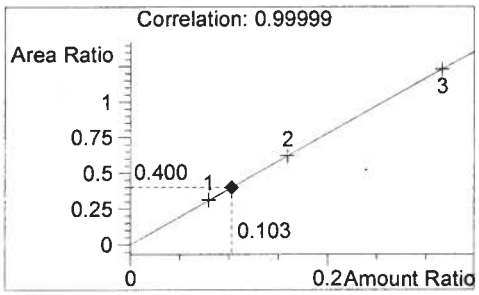
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:45:09 AM
Instrument 1
DB-ALC1

12025 #3
asa louis

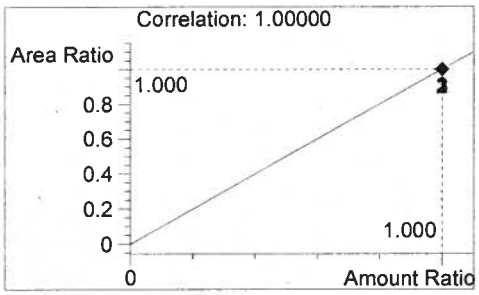
vial # 12



#	Compound	Area	RT
1	Ethanol	1116	1.040
2	n-Propanol	2789	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

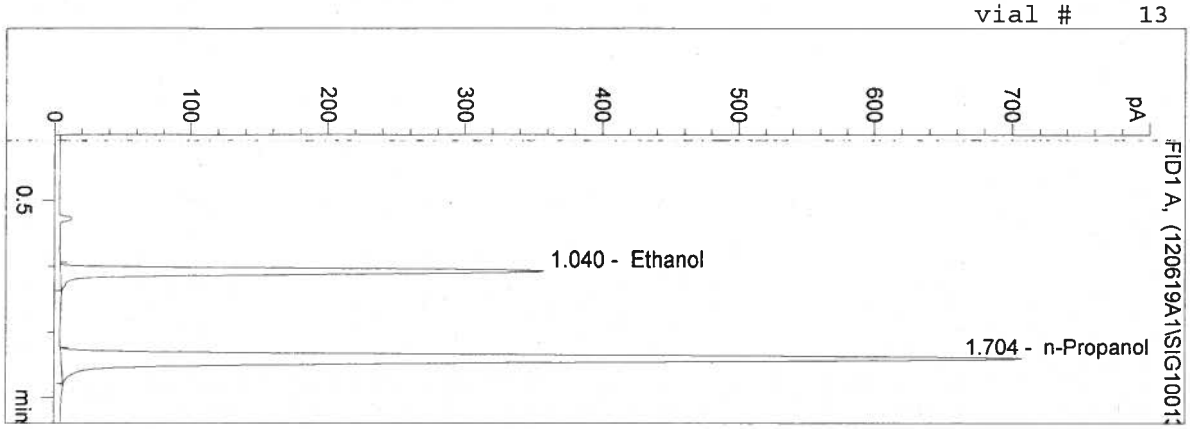
a
2012 JUN 19

WASHINGTON STATE TOXICOLOGY LABORATORY

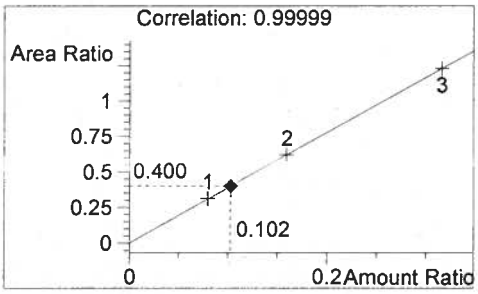
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:48:14 AM
Instrument 1
DB-ALC1

12025 #4
asa louis

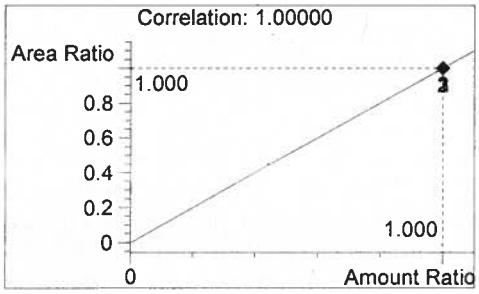
vial # 13



#	Compound	Area	RT
1	Ethanol	1116	1.040
2	n-Propanol	2791	1.704
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

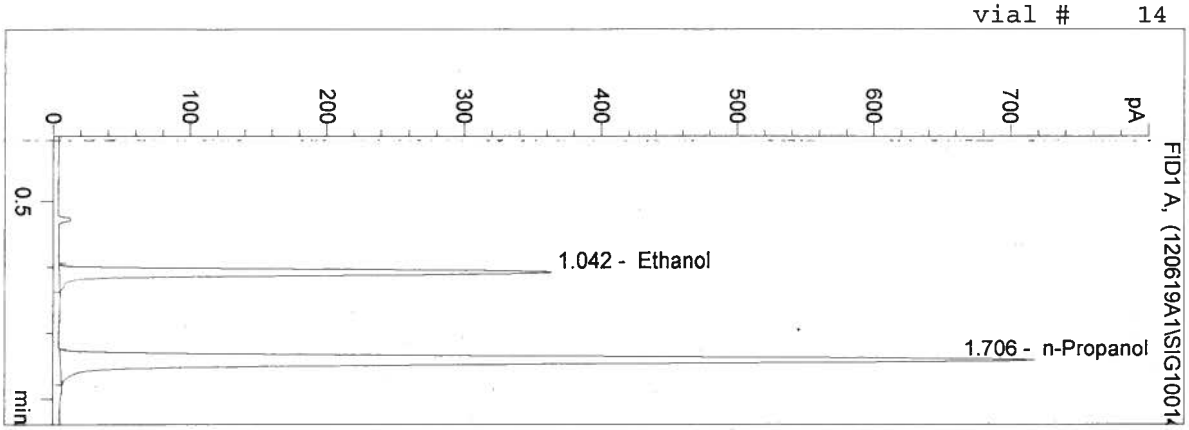
AL
2012 JUN 19

WASHINGTON STATE TOXICOLOGY LABORATORY

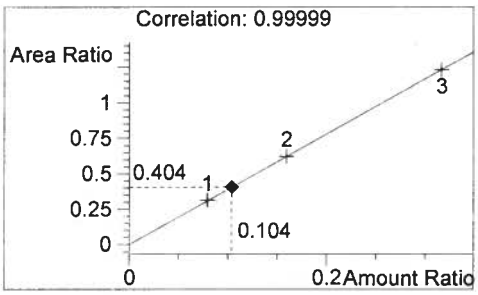
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:51:19 AM
Instrument 1
DB-ALC1

12025 #5
asa louis

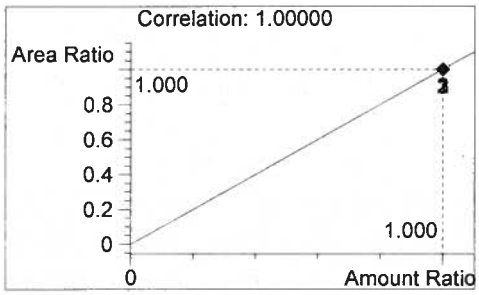
vial # 14



#	Compound	Area	RT
1	Ethanol	1143	1.042
2	n-Propanol	2827	1.706
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

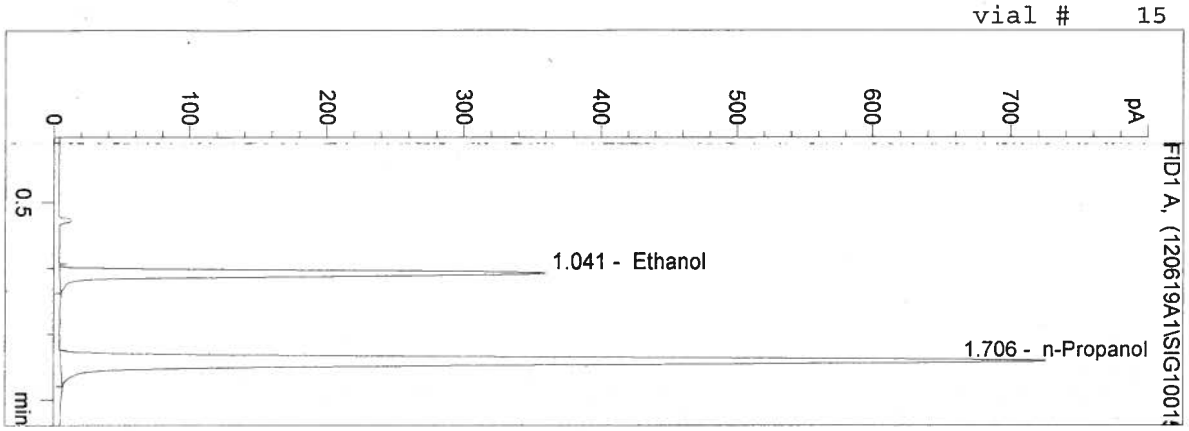
AL
2012 JUN 19

WASHINGTON STATE TOXICOLOGY LABORATORY

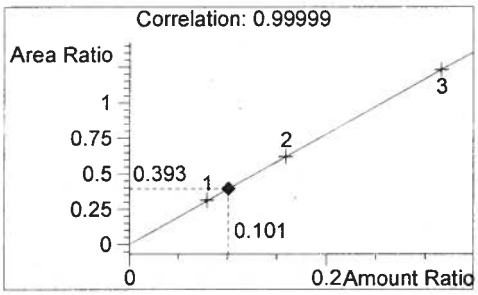
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:54:23 AM
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

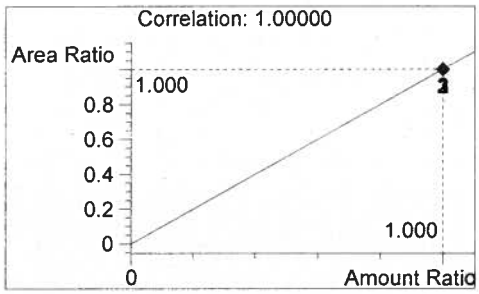
vial # 15



#	Compound	Area	RT
1	Ethanol	1130	1.041
2	n-Propanol	2873	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

AL
2012 JUN 19

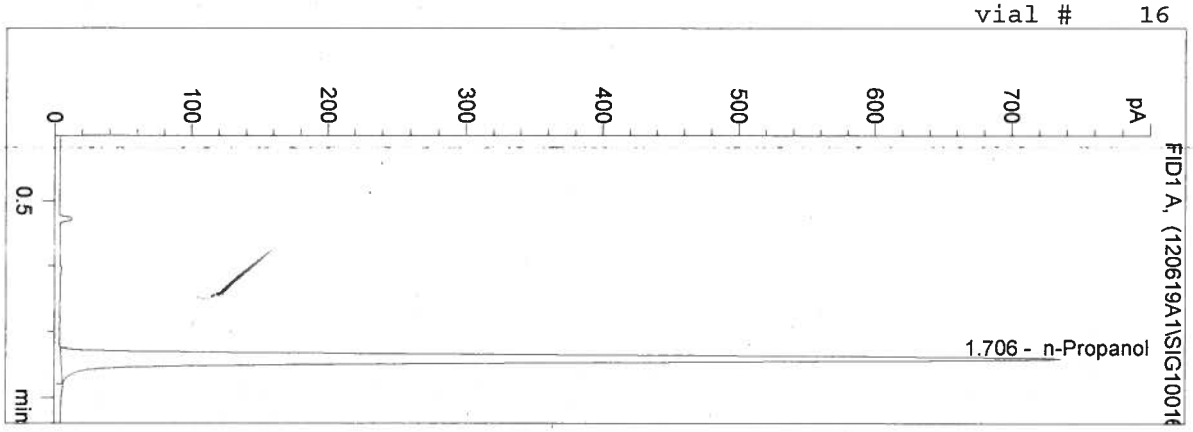
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

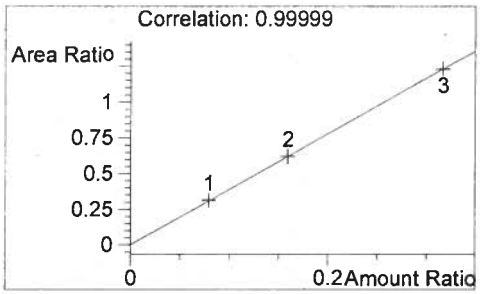
C:\HPCHEM\1\METHODS\SIMALC1.M
6/19/2012 10:57:28 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

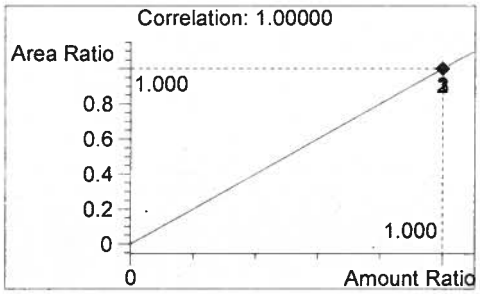
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2901	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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2012 JUN 19

12025

Sequence Parameters:

Operator:	Brittany Ball
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120621BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A076521 - Exp. 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot#E0412-01
3	Vial 3	LOT#E0412-02
4	Vial 4	LOT#E0412-03
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

BB

12025

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

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 BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	12025-1	SIMALC1	1	Sample		
11	Vial 11	12025-2	SIMALC1	1	Sample		
12	Vial 12	12025-3	SIMALC1	1	Sample		
13	Vial 13	12025-4	SIMALC1	1	Sample		
14	Vial 14	12025-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

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	

Sequence Table (Back Injector):

No entries - empty table!

BB

12025

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Thursday, June 21, 2012 7:32:58 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.91800e-2	904.76483	8.75145e-5	1		Ethanol
		2	1.59320e-1	1773.36523	8.98405e-5			
		3	3.16260e-1	3581.10205	8.83136e-5			
1.706	1	1	1.00000	2859.28564	3.49738e-4	I1		n-Propanol
		2	1.00000	2828.89648	3.53495e-4			
		3	1.00000	2858.79663	3.49798e-4			

Peak Sum Table

No Entries in table

BB

12025

Method C:\HPCHEM\1\METHODS\SIMALC1.M

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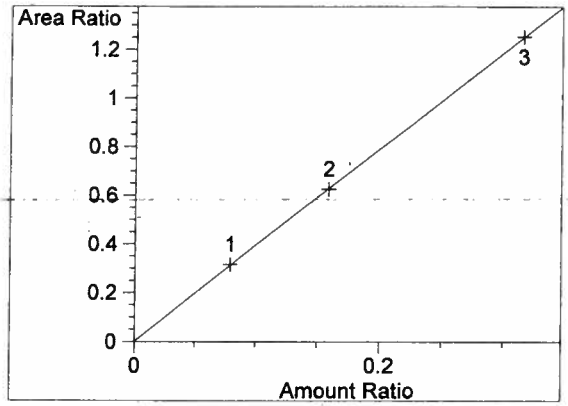
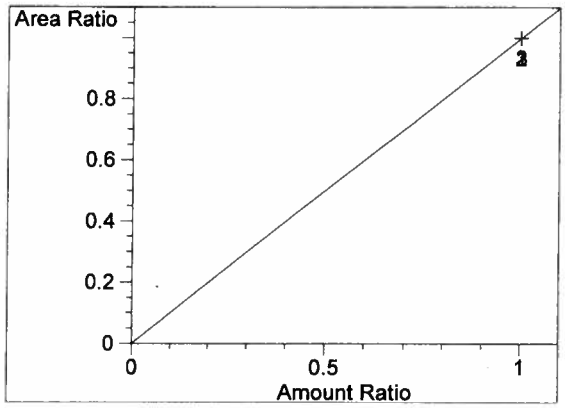
Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00344
Formula: y = mx + b
m: 3.95623
b: 3.01906e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

BB

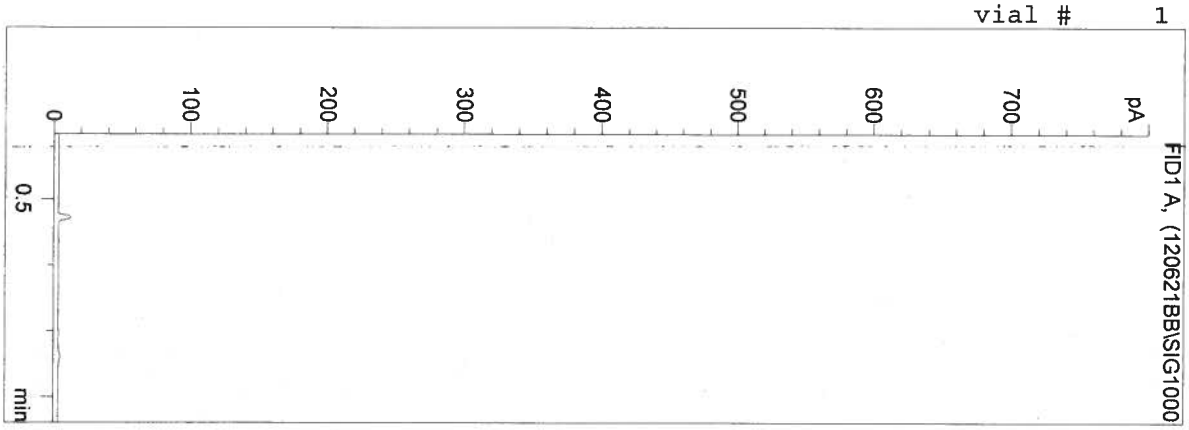
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

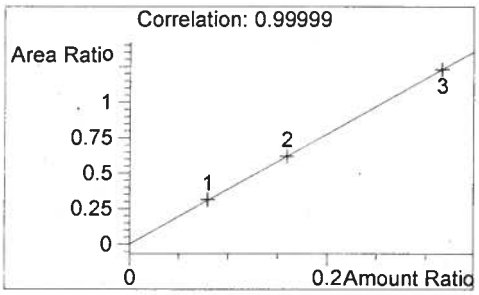
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:21:30 AM
Instrument 1
DB-ALC1

BLANK
Brittany Ball

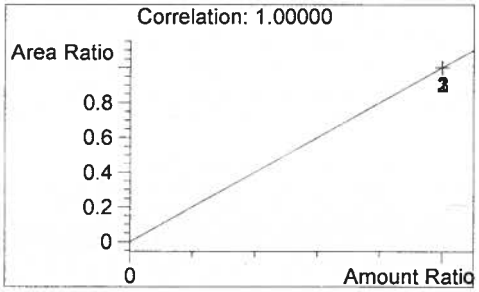
vial # 1



#	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

BB

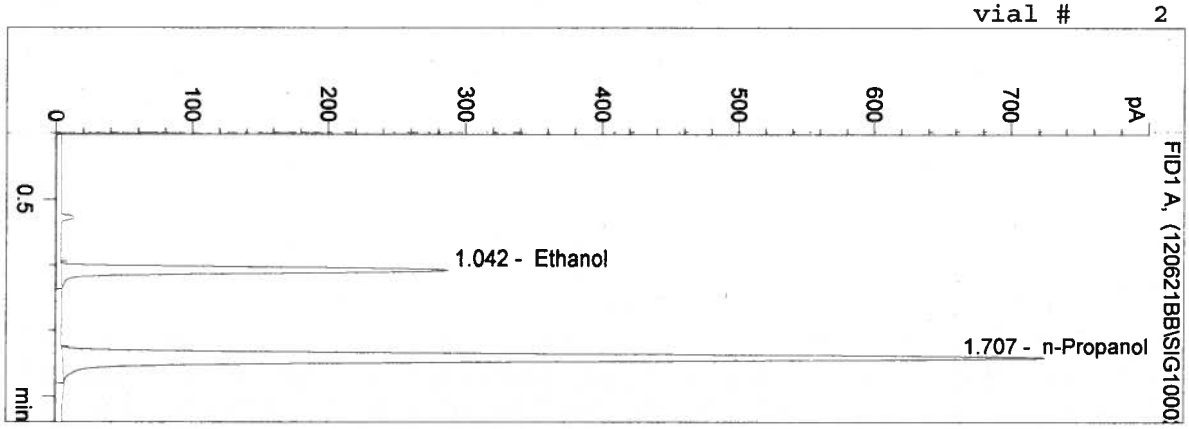
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

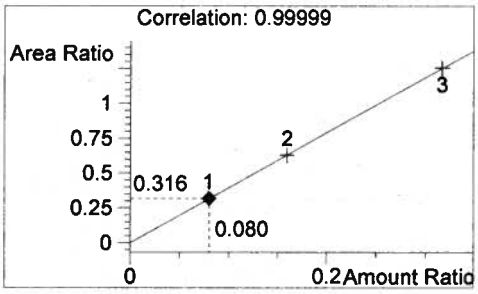
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:24:35 AM
Instrument 1
DB-ALC1

0.079 CAL
Brittany Ball

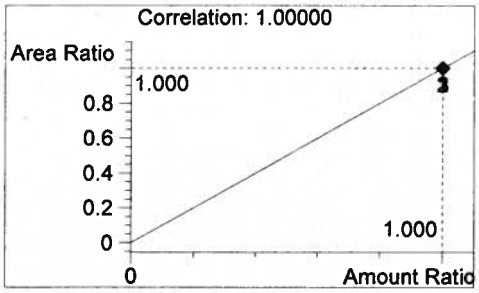
vial # 2



#	Compound	Area	RT
1	Ethanol	905	1.042
2	n-Propanol	2859	1.707
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

BB

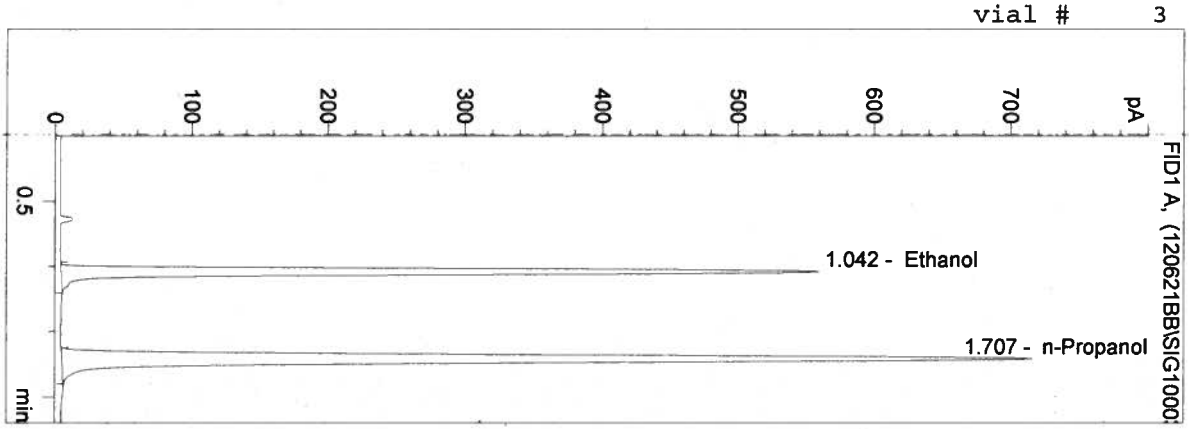
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

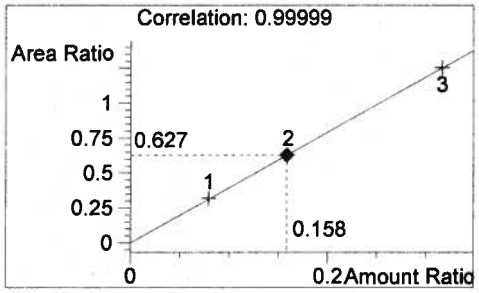
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:27:39 AM
Instrument 1
DB-ALC1

0.158 CAL
Brittany Ball

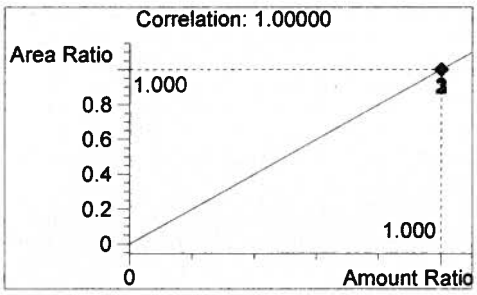
vial # 3



#	Compound	Area	RT
1	Ethanol	1773	1.042
2	n-Propanol	2829	1.707
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

BB

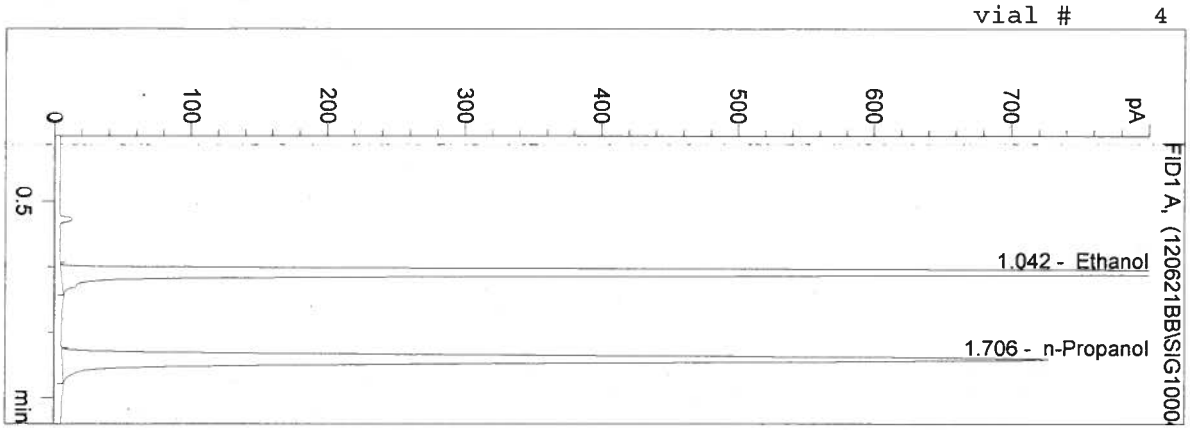
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

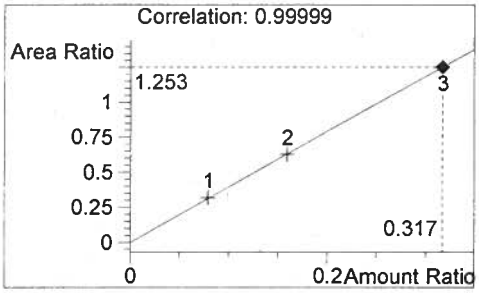
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:30:44 AM
Instrument 1
DB-ALC1

0.316 CAL
Brittany Ball

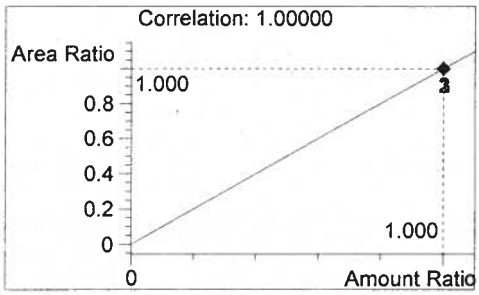
vial # 4



#	Compound	Area	RT
1	Ethanol	3581	1.042
2	n-Propanol	2859	1.706
Tot			



Ethanol 0.317 g/100 mL



n-Propanol 1.000 g/100 mL

BB

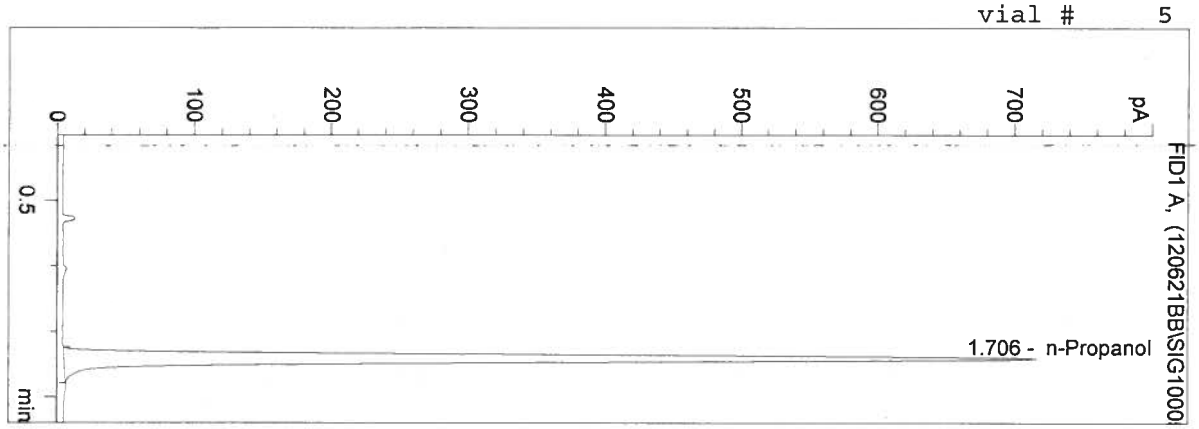
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

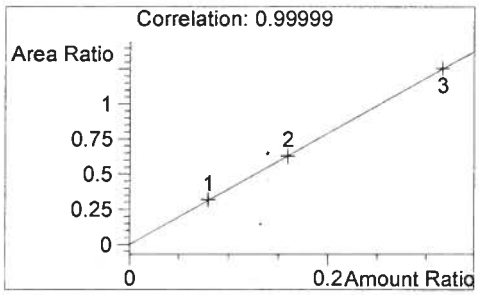
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:33:49 AM
Instrument 1
DB-ALC1

NEG CTRL BB
Brittany Ball

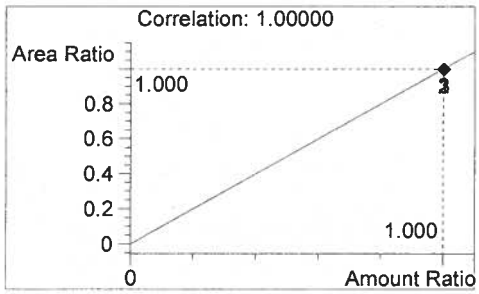
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2825	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BB

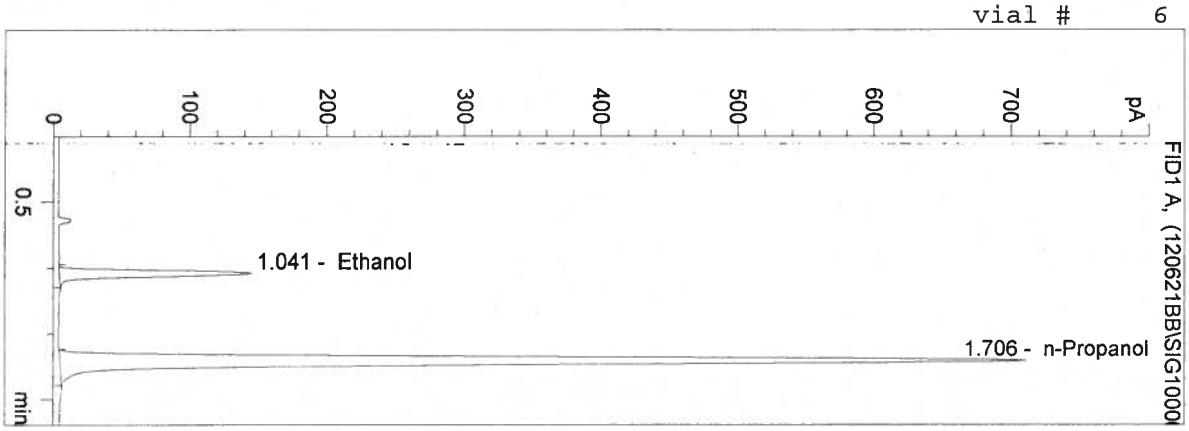
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

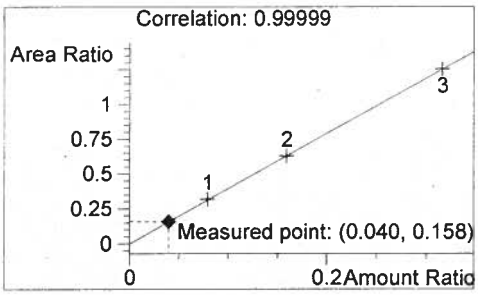
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:36:54 AM
Instrument 1
DB-ALC1

0.04 CTRL BB
Brittany Ball

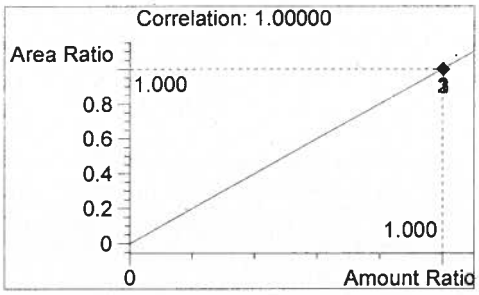
vial # 6



#	Compound	Area	RT
1	Ethanol	442	1.041
2	n-Propanol	2804	1.706
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

BB

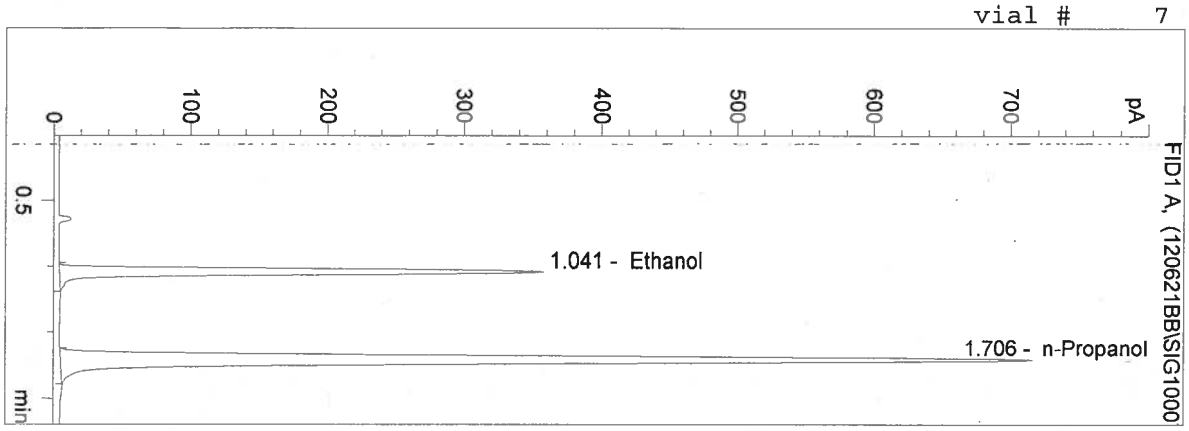
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

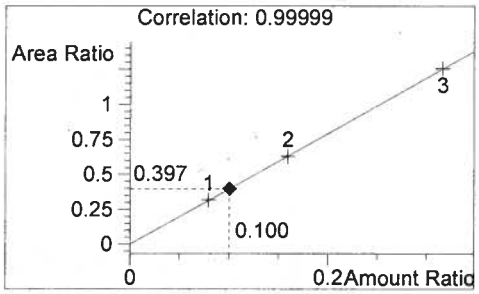
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:39:58 AM
Instrument 1
DB-ALC1

0.10 CTRL BB
Brittany Ball

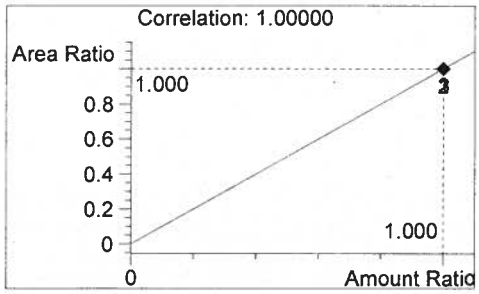
vial # 7



#	Compound	Area	RT
1	Ethanol	1123	1.041
2	n-Propanol	2830	1.706
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

BB

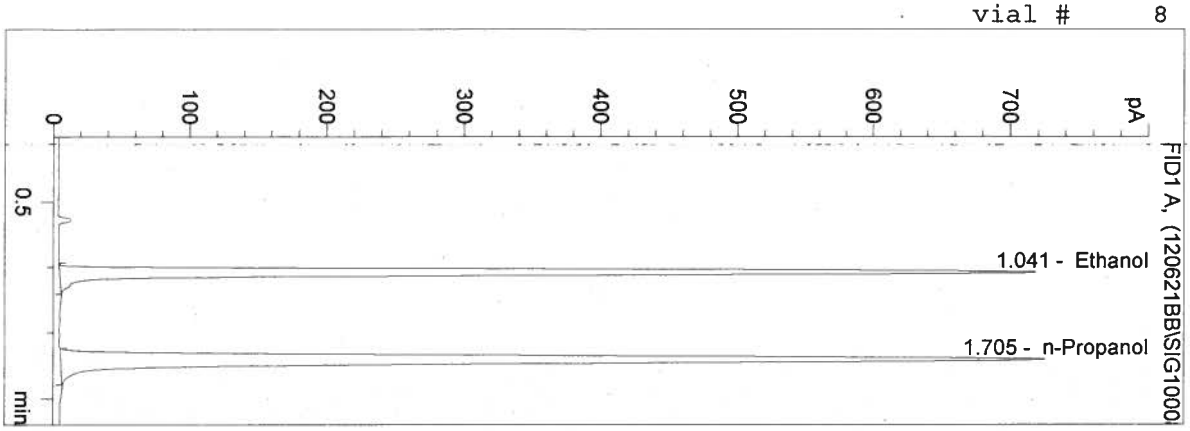
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

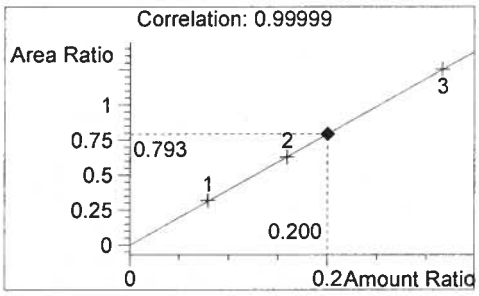
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:43:03 AM
Instrument 1
DB-ALC1

0.20 CTRL BB
Brittany Ball

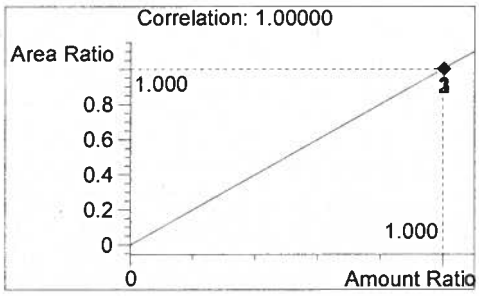
vial # 8



#	Compound	Area	RT
1	Ethanol	2260	1.041
2	n-Propanol	2851	1.705
Tot			



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

BB

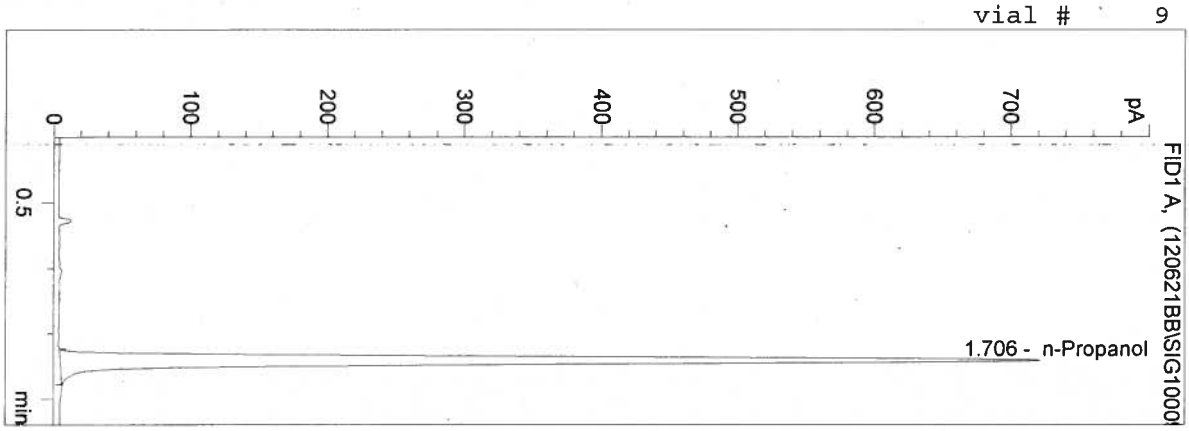
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

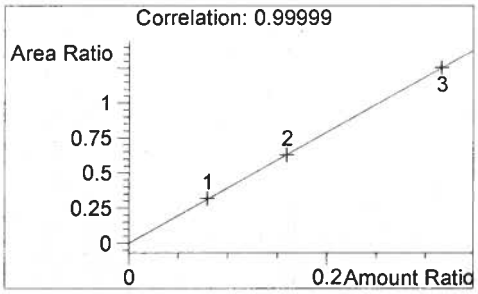
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:46:08 AM
Instrument 1
DB-ALC1

NEG CTRL BB
Brittany Ball

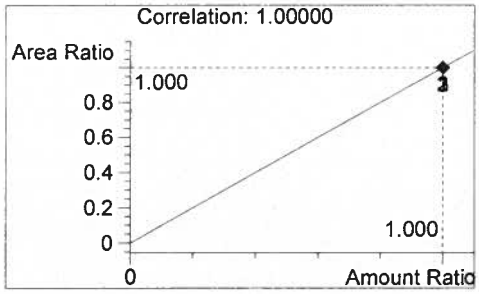
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2841	1.706
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

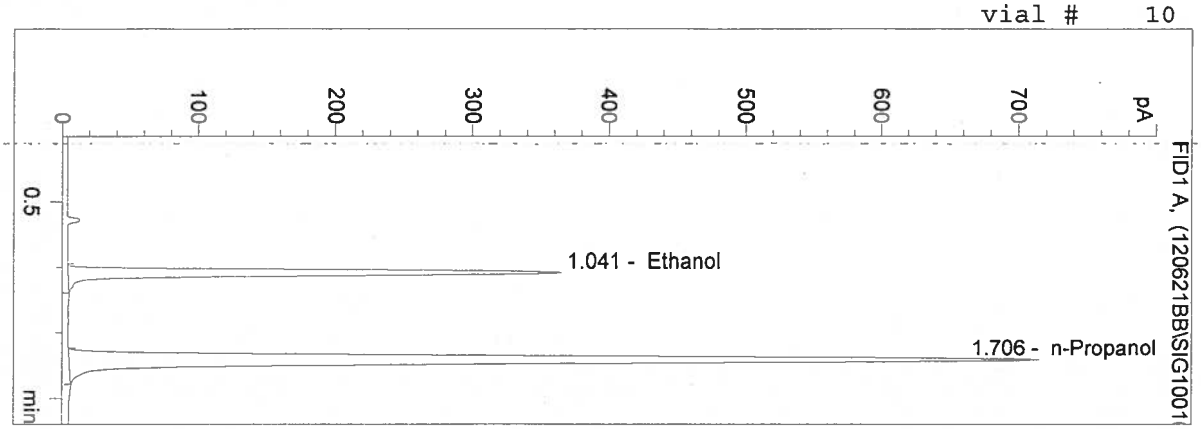
BB

12025

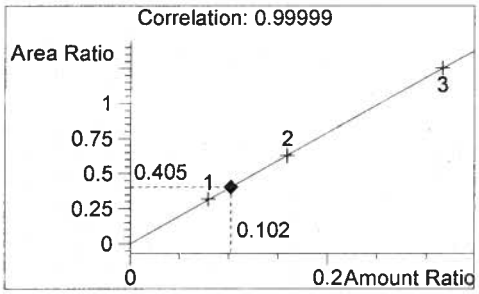
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:49:13 AM
Instrument 1
DB-ALC1

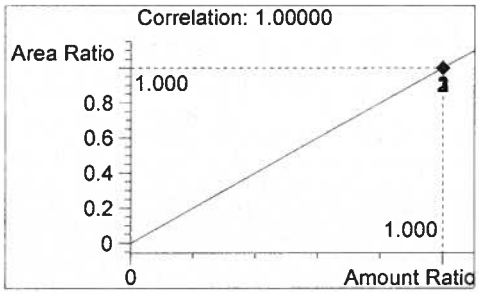
12025-1
Brittany Ball
vial # 10



#	Compound	Area	RT
1	Ethanol	1143	1.041
2	n-Propanol	2821	1.706
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

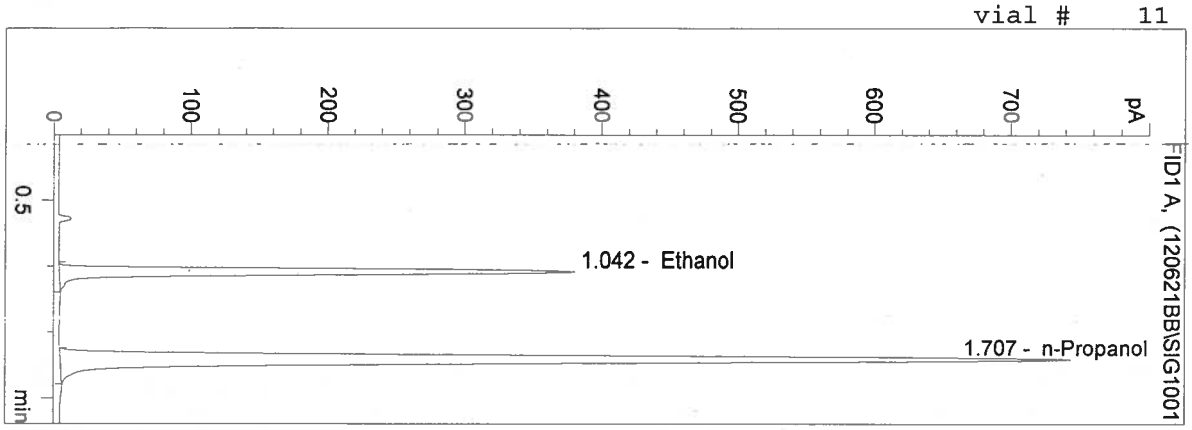
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

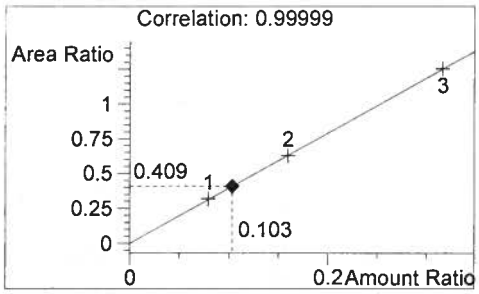
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:52:18 AM
Instrument 1
DB-ALC1

12025-2
Brittany Ball

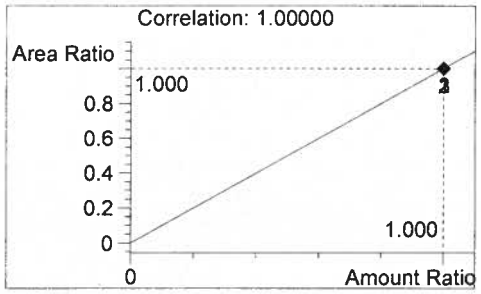
vial # 11



#	Compound	Area	RT
1	Ethanol	1202	1.042
2	n-Propanol	2941	1.707
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

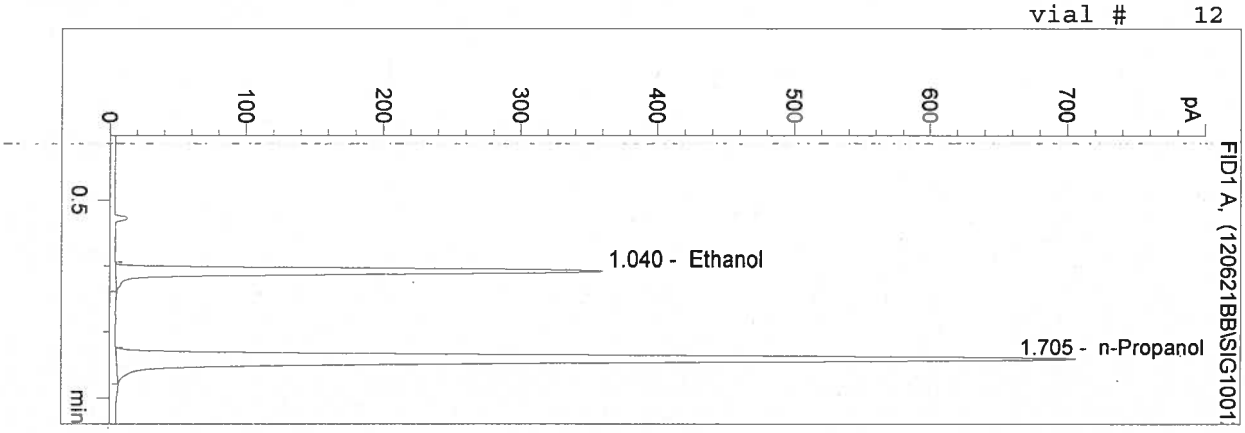
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

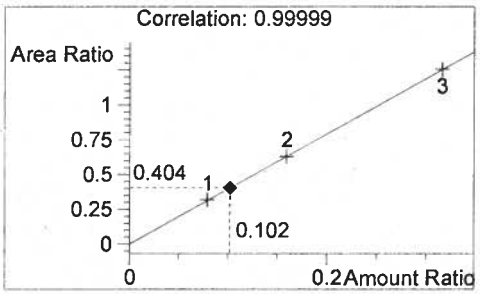
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:55:23 AM
Instrument 1
DB-ALC1

12025-3
Brittany Ball

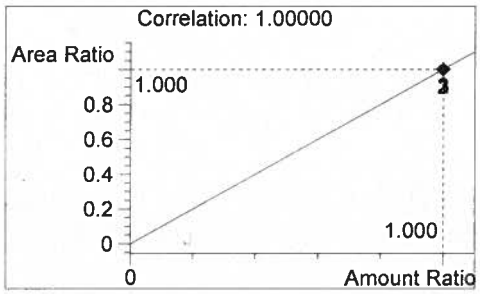
vial # 12



#	Compound	Area	RT
1	Ethanol	1121	1.040
2	n-Propanol	2777	1.705
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

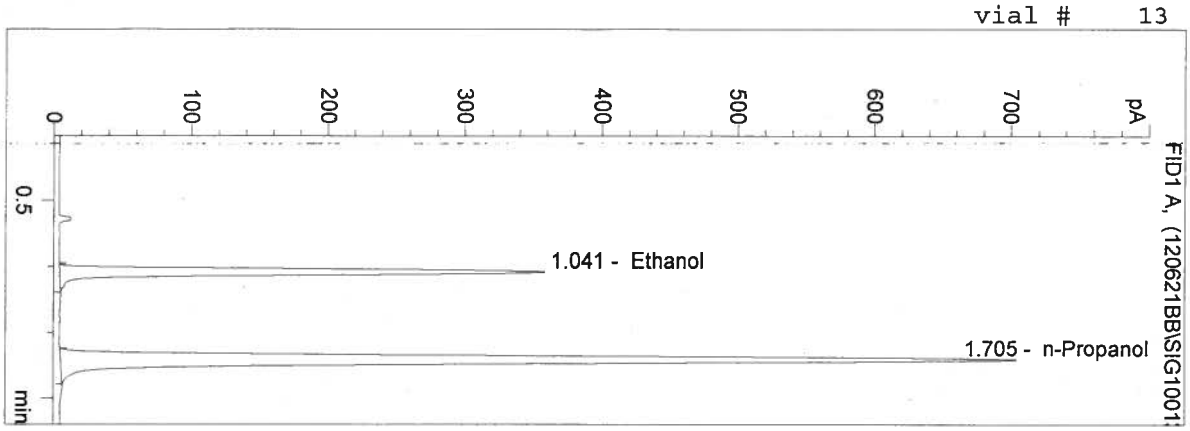
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

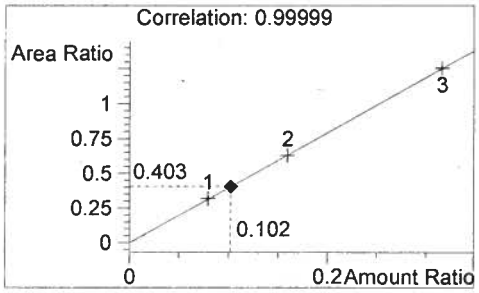
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 7:58:27 AM
Instrument 1
DB-ALC1

12025-4
Brittany Ball

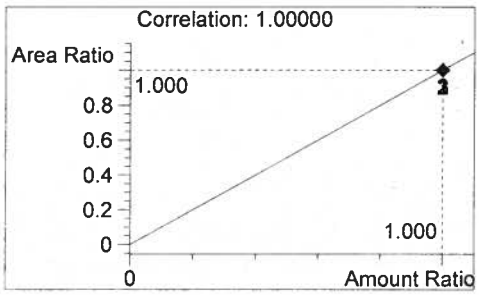
vial # 13



#	Compound	Area	RT
1	Ethanol	1117	1.041
2	n-Propanol	2769	1.705
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

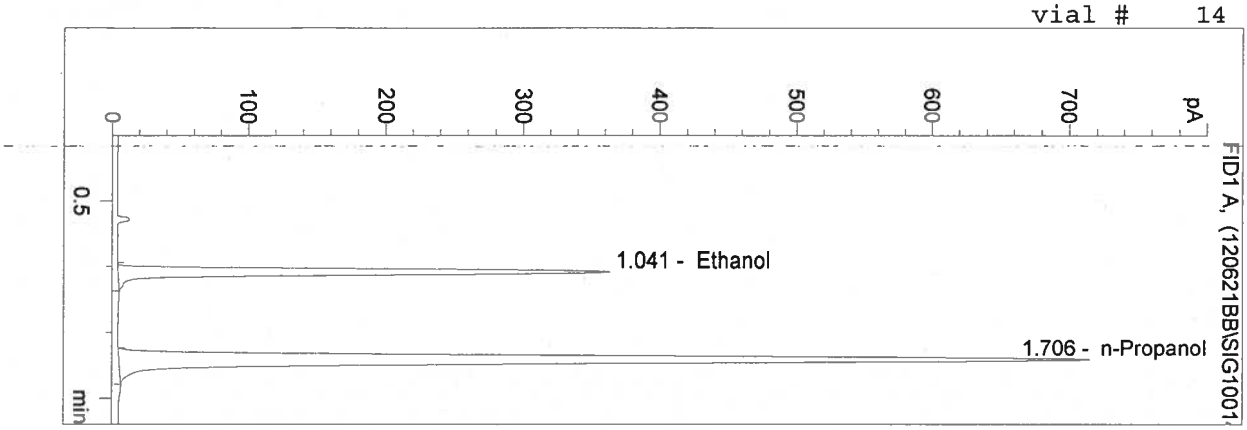
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

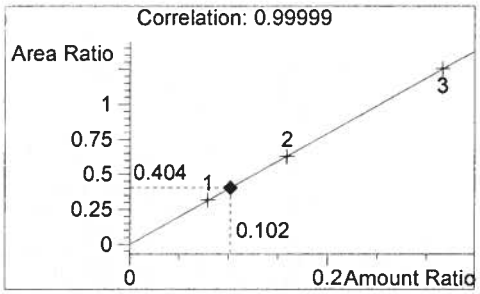
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 8:01:32 AM
Instrument 1
DB-ALC1

12025-5
Brittany Ball

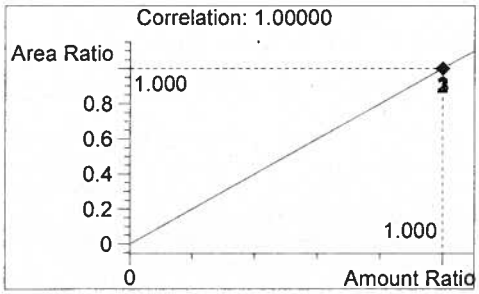
vial # 14



#	Compound	Area	RT
1	Ethanol	1137	1.041
2	n-Propanol	2815	1.706
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

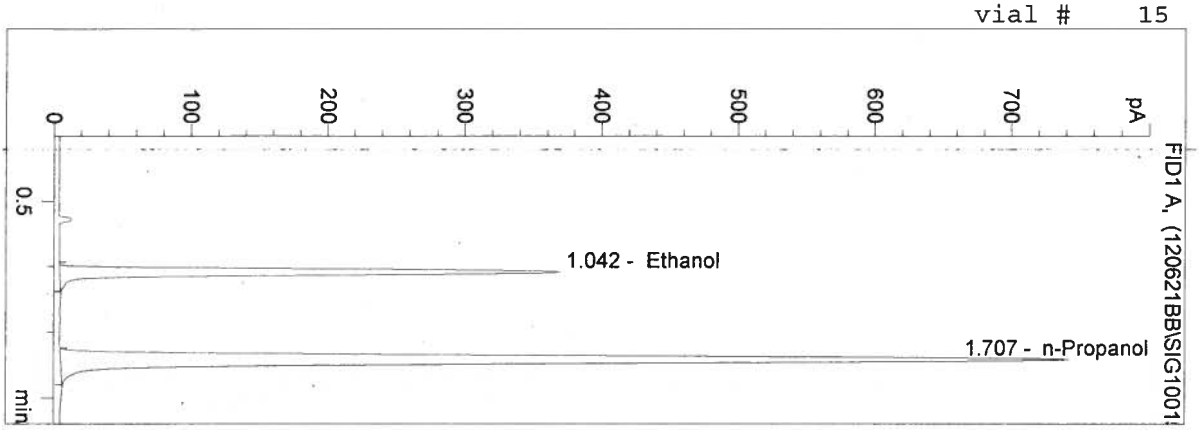
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

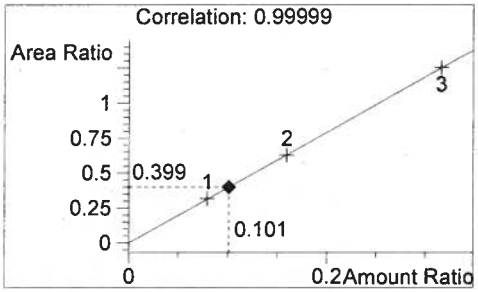
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 8:04:37 AM
Instrument 1
DB-ALC1

0.10 CTRL BB
Brittany Ball

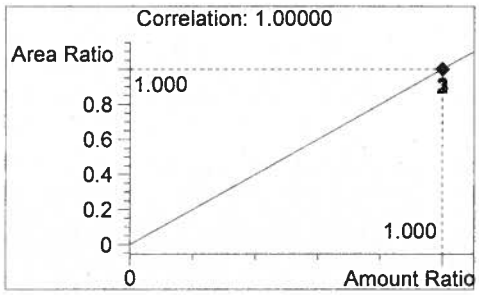
vial # 15



#	Compound	Area	RT
1	Ethanol	1173	1.042
2	n-Propanol	2939	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

BB

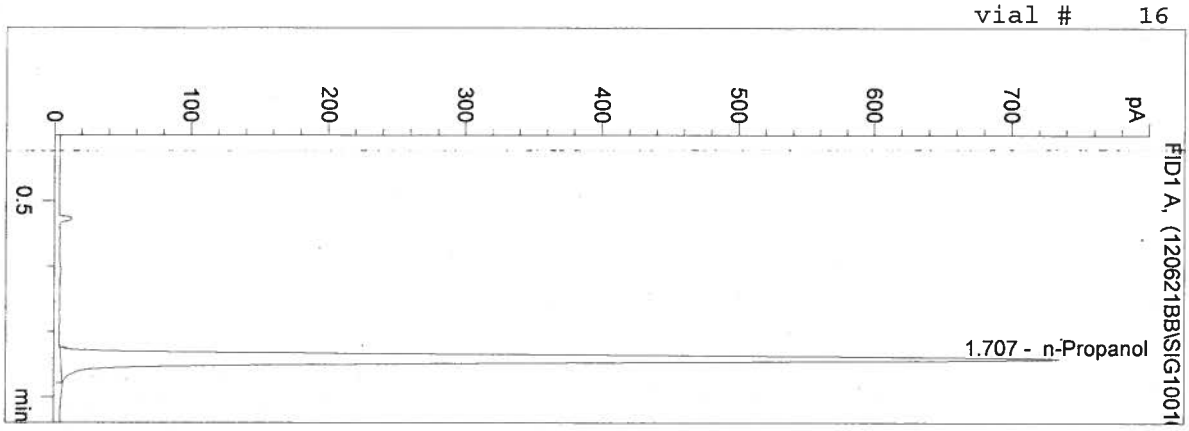
12025

WASHINGTON STATE TOXICOLOGY LABORATORY

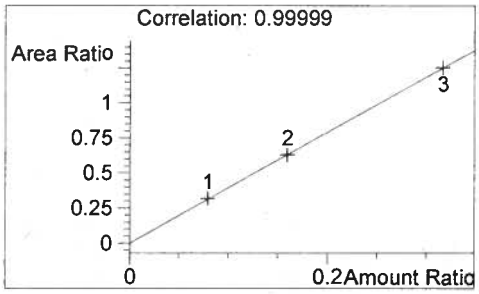
C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2012 8:07:42 AM
Instrument 1
DB-ALC1

NEG CTRL BB
Brittany Ball

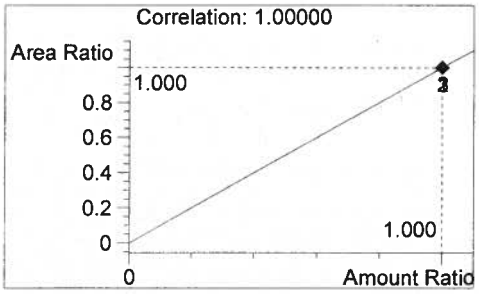
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2901	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BB

12025

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

Sequence Parameters:

Operator:	Christie Mitchell-Mata
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:	120625CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A077459 exp 02/2015
0.10 Control Lot#A083355 exp 12/2015
0.20 Control Lot#A076521 exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot#E0412-01 Exp. 7/11/2012
3	Vial 3	Lot#E0412-02 Exp. 7/11/2012
4	Vial 4	Lot#E0412-03 Exp. 7/11/2012
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

12025

CM

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

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	12025 #1	SIMALC1	1	Sample		
11	Vial 11	12025 #2	SIMALC1	1	Sample		
12	Vial 12	12025 #3	SIMALC1	1	Sample		
13	Vial 13	12025 #4	SIMALC1	1	Sample		
14	Vial 14	12025 #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		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

12025

CM

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Monday, June 25, 2012 9:31:07 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.91800e-2	865.85919	9.14467e-5	1		Ethanol
		2	1.59320e-1	1730.16663	9.20836e-5			
		3	3.16260e-1	3415.60303	9.25927e-5			
1.704	1	1	1.00000	2785.84692	3.58957e-4	I1		n-Propanol
		2	1.00000	2778.34204	3.59927e-4			
		3	1.00000	2778.62695	3.59890e-4			

Peak Sum Table

No Entries in table

12025

CM

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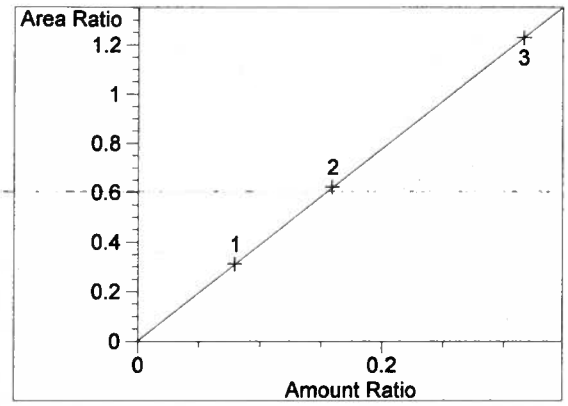
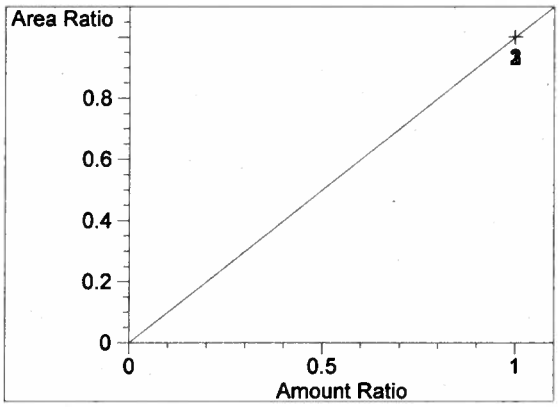
Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00230
Formula: y = mx + b
m: 3.88481
b: 1.91165e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

12025

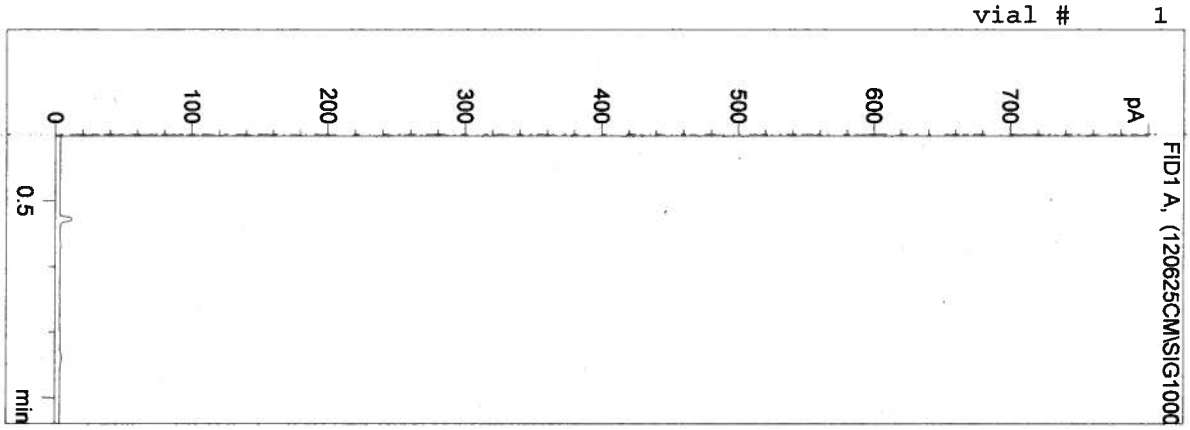
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

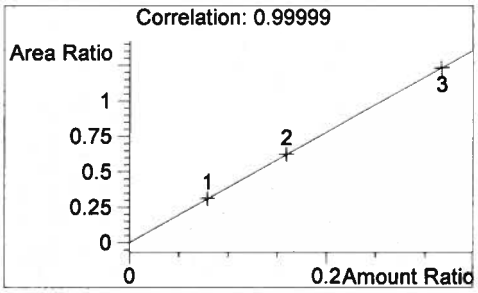
C:\HPCHEM\1\METHODS\SIMALC1.M
6/25/2012 9:19:39 AM
Instrument 1
DB-ALC1

BLANK
Christie Mitchell-Mata

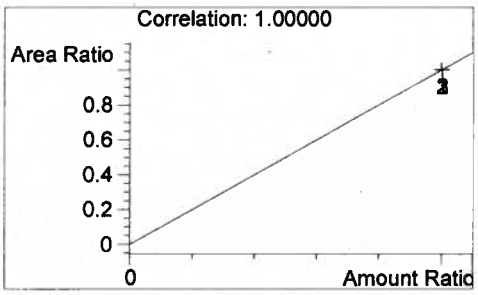
vial # 1



#	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

12025

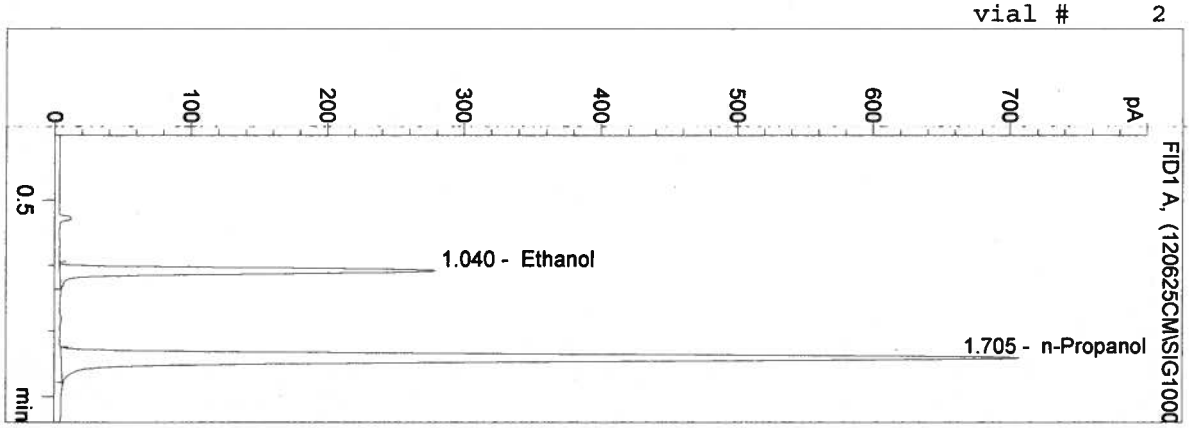
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

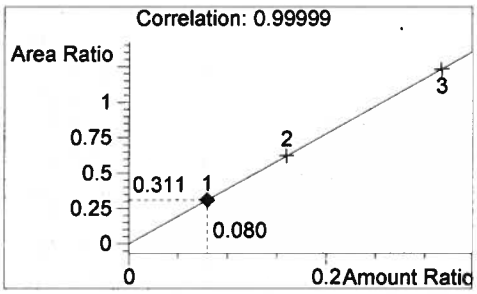
C:\HPCHEM\1\METHODS\SIMALC1.M
6/25/2012 9:22:44 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Christie Mitchell-Mata

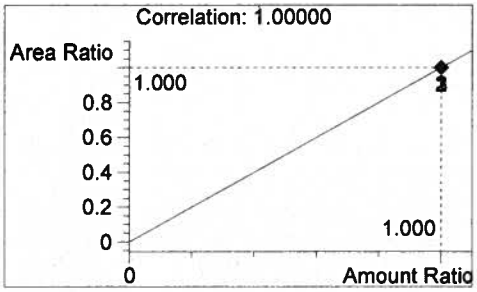
vial # 2



#	Compound	Area	RT
1	Ethanol	866	1.040
2	n-Propanol	2786	1.705
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

12025

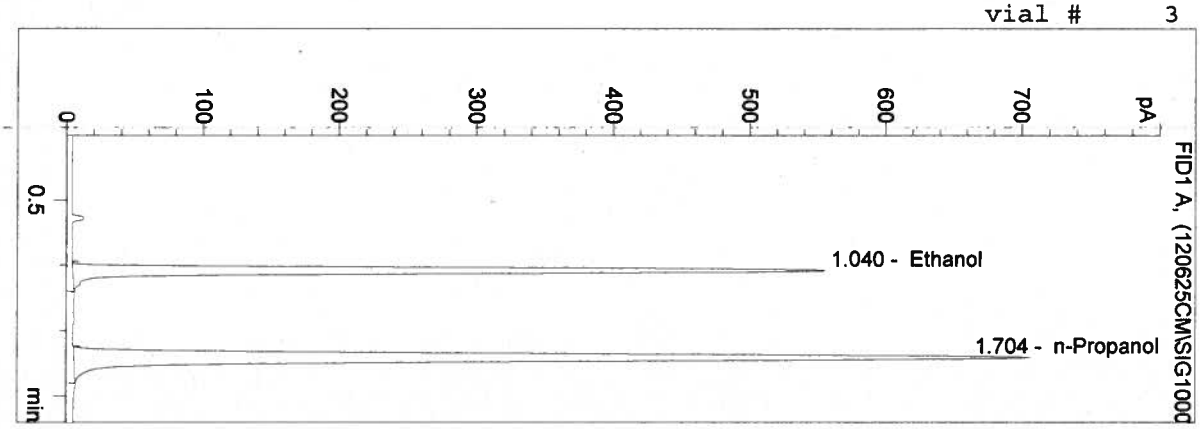
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

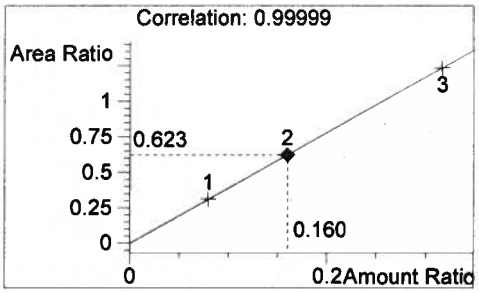
C:\HPCHEM\1\METHODS\SIMALC1.M
6/25/2012 9:25:49 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Christie Mitchell-Mata

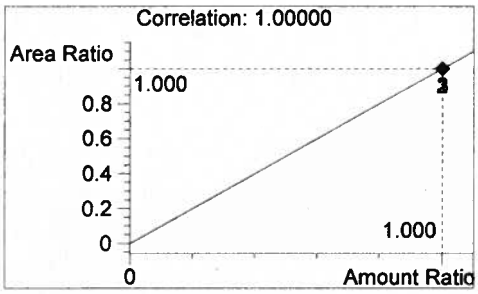
vial # 3



#	Compound	Area	RT
1	Ethanol	1730	1.040
2	n-Propanol	2778	1.704
Tot			



Ethanol 0.160 g/100 mL



n-Propanol 1.000 g/100 mL

12025

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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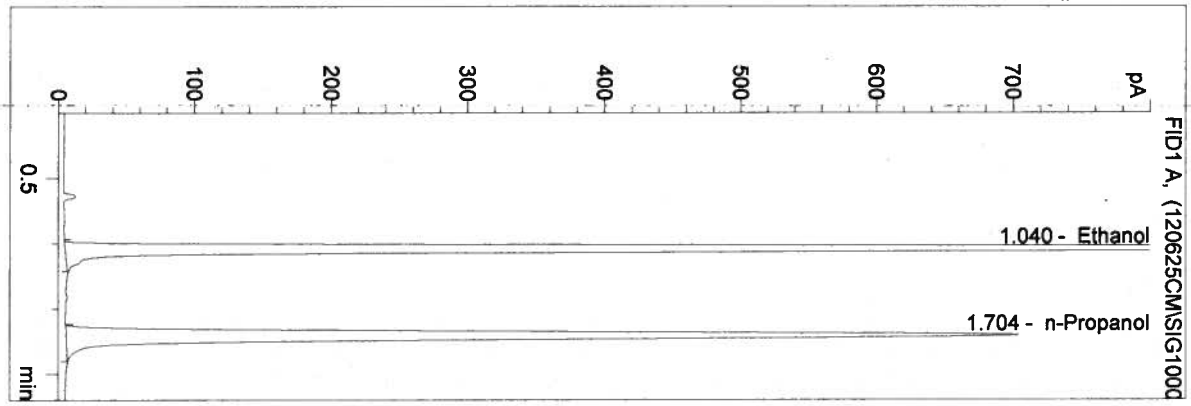
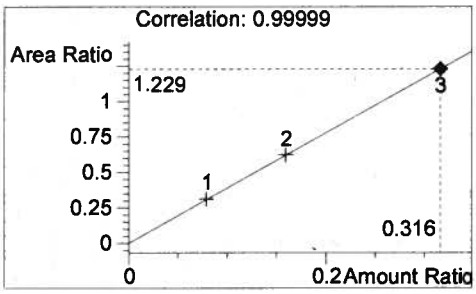
6/25/2012 9:28:54 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Christie Mitchell-Mata

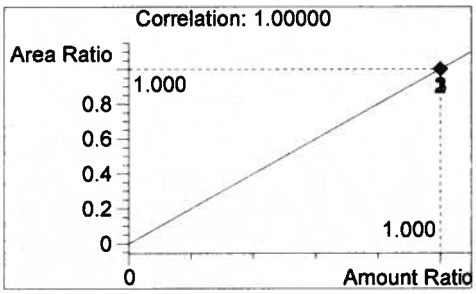
vial # 4



#	Compound	Area	RT
1	Ethanol	3416	1.040
2	n-Propanol	2779	1.704
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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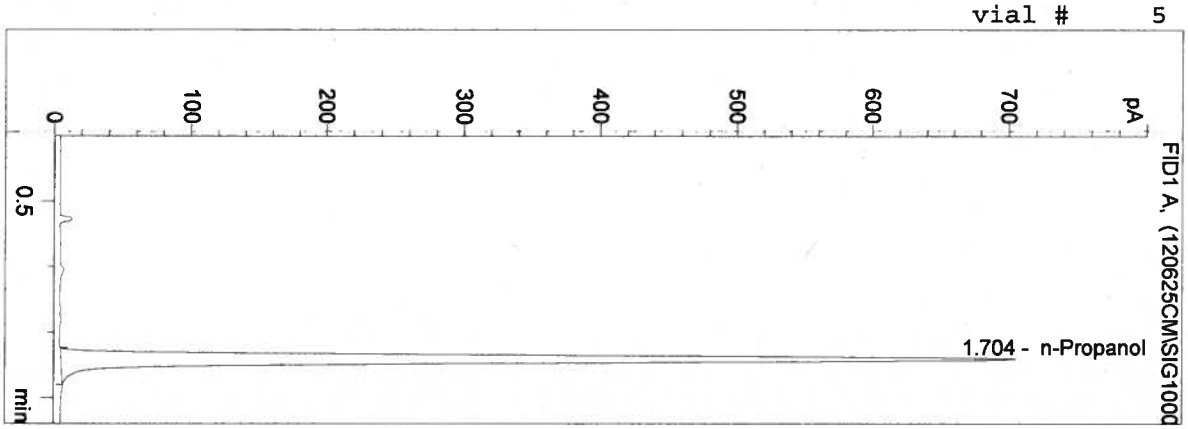
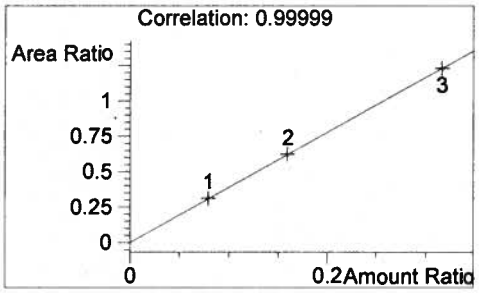
6/25/2012 9:31:59 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell-Mata

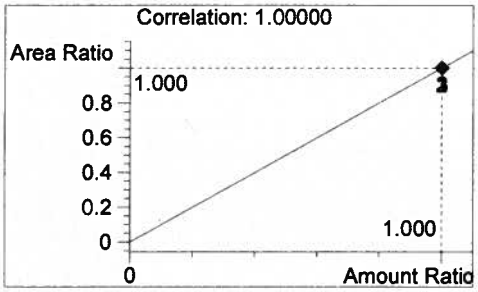
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2782	1.704
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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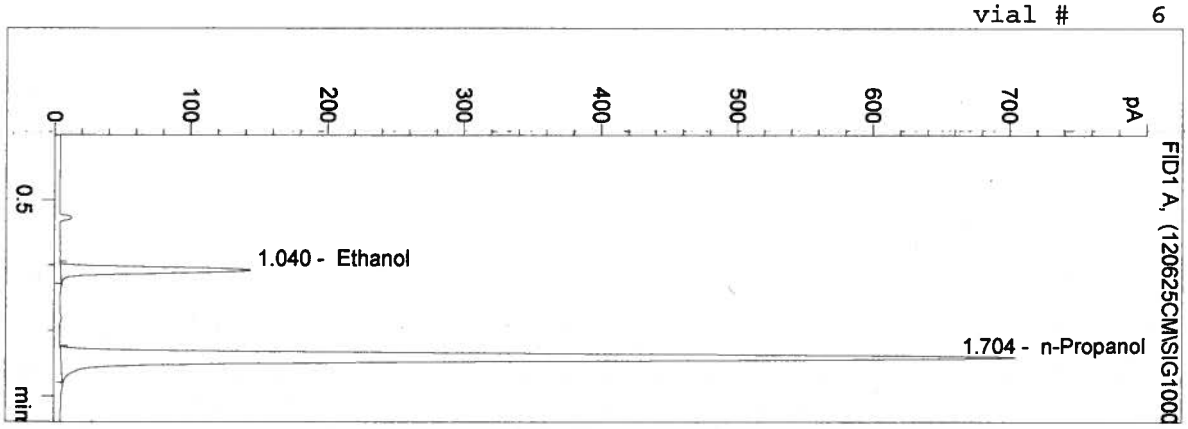
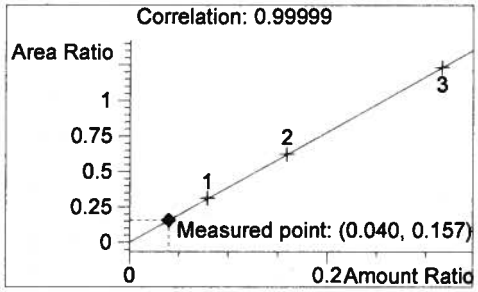
6/25/2012 9:35:03 AM
Instrument 1
DB-ALC1

0.04 CTRL - CM
Christie Mitchell-Mata

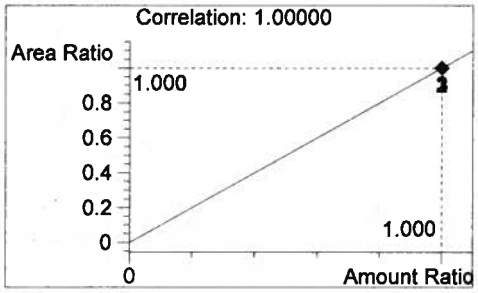
vial # 6



#	Compound	Area	RT
1	Ethanol	435	1.040
2	n-Propanol	2781	1.704
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

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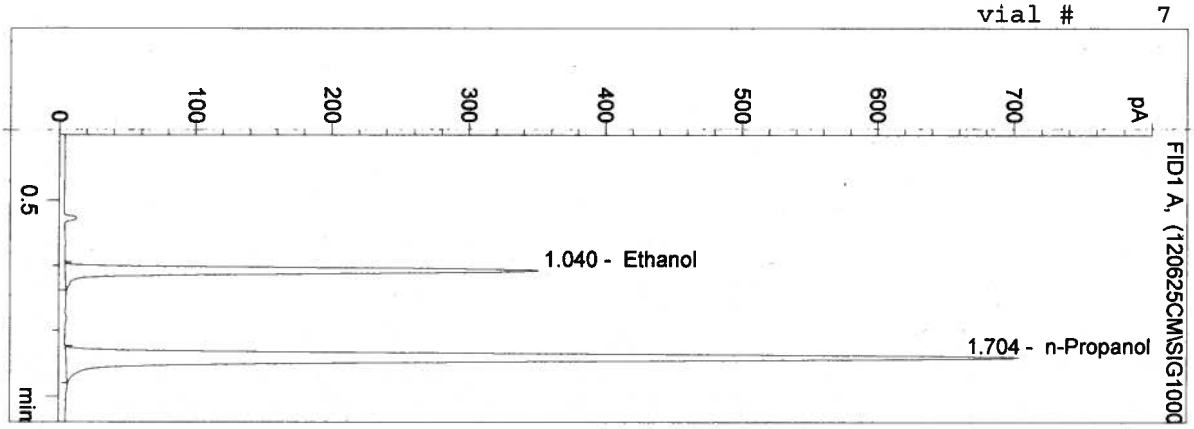
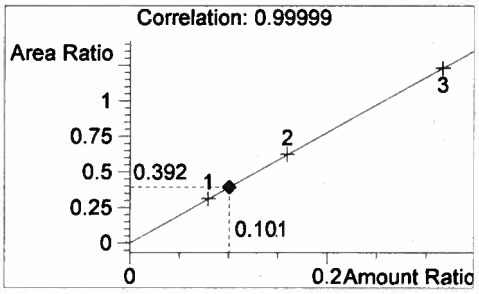
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell-Mata

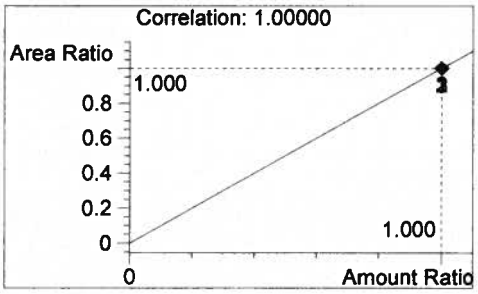
vial # 7



#	Compound	Area	RT
1	Ethanol	1088	1.040
2	n-Propanol	2773	1.704
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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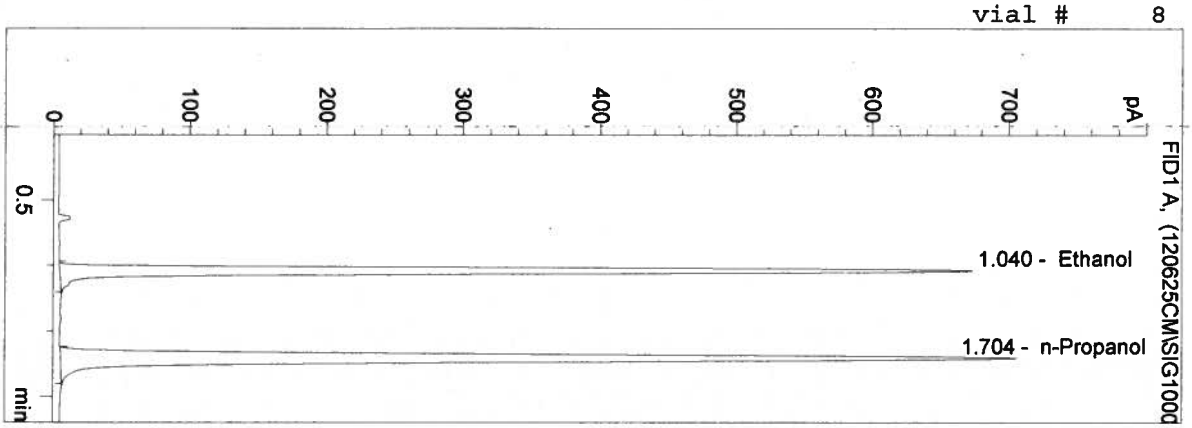
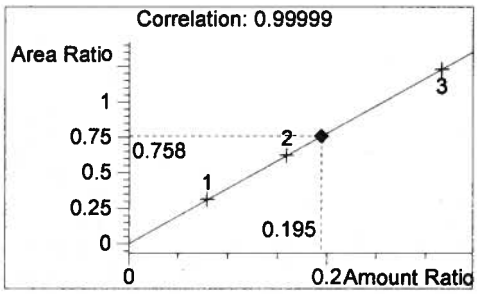
6/25/2012 9:41:13 AM
Instrument 1
DB-ALC1

0.20 CTRL - CM
Christie Mitchell-Mata

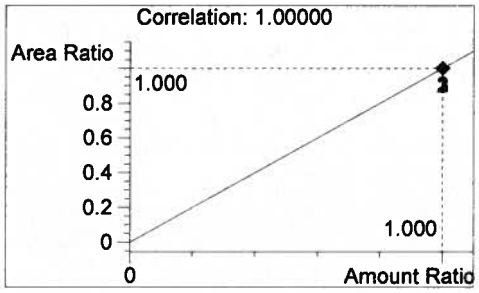
vial # 8



#	Compound	Area	RT
1	Ethanol	2111	1.040
2	n-Propanol	2786	1.704
Tot			



Ethanol 0.195 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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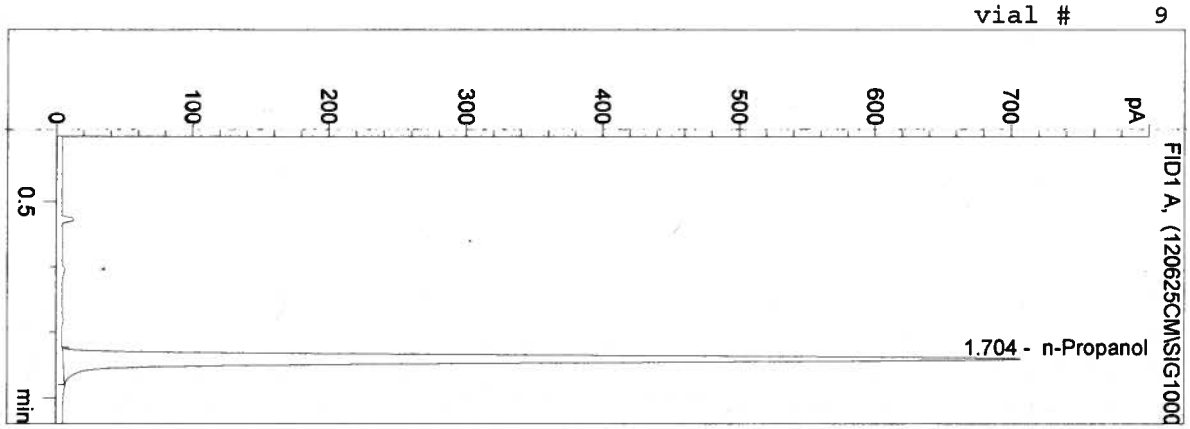
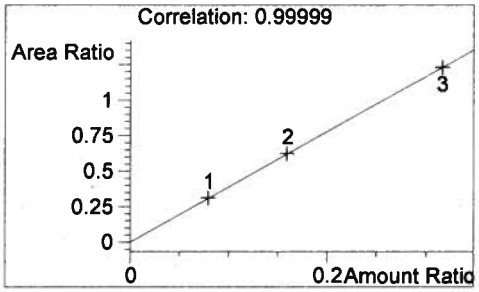
6/25/2012 9:44:18 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell-Mata

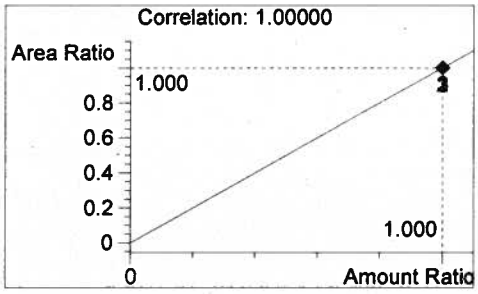
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2782	1.704
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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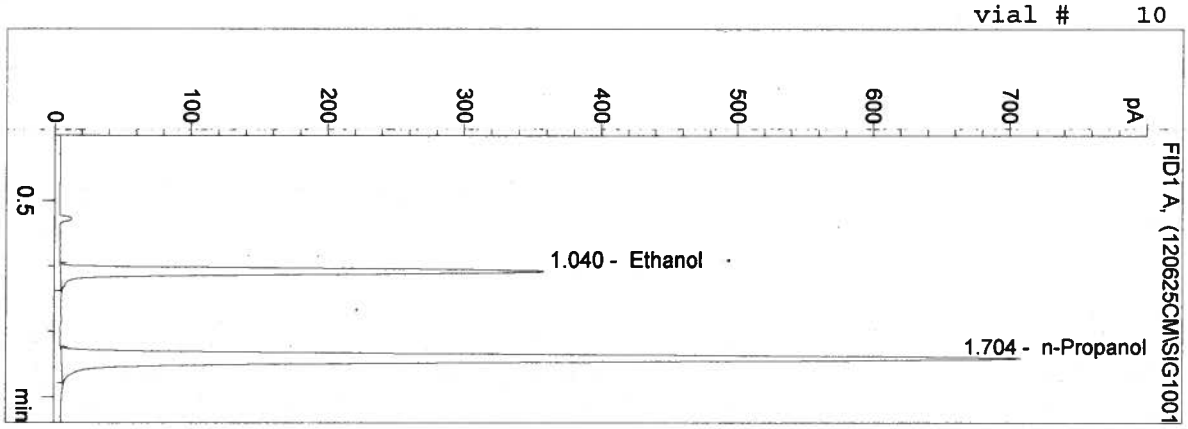
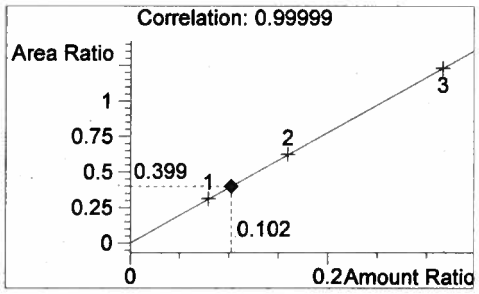
Instrument 1
DB-ALC1

12025 #1
Christie Mitchell-Mata

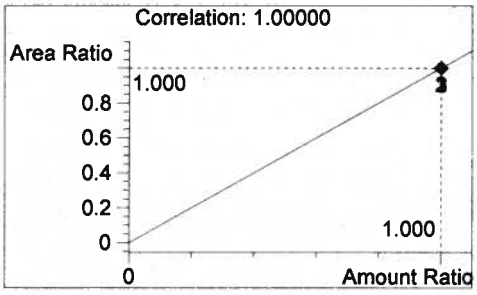
vial # 10



#	Compound	Area	RT
1	Ethanol	1115	1.040
2	n-Propanol	2794	1.704
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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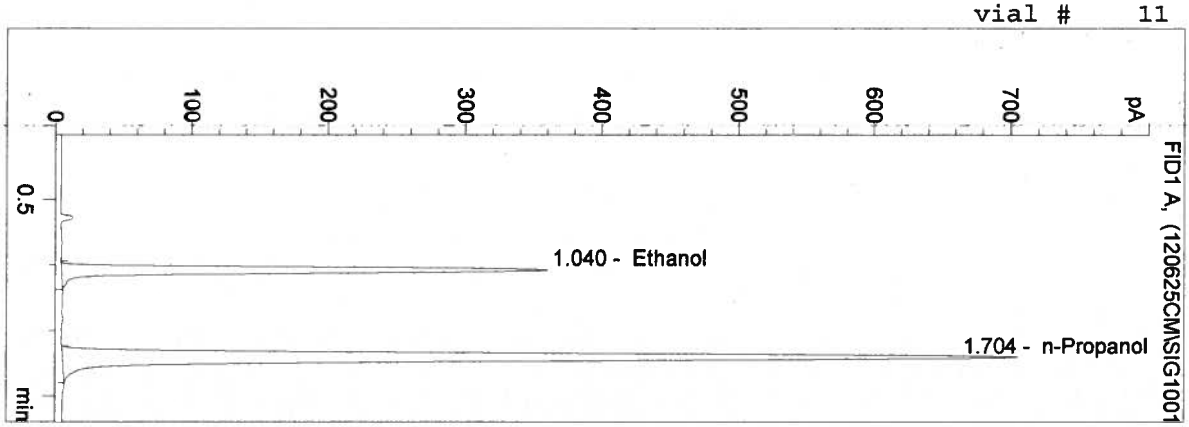
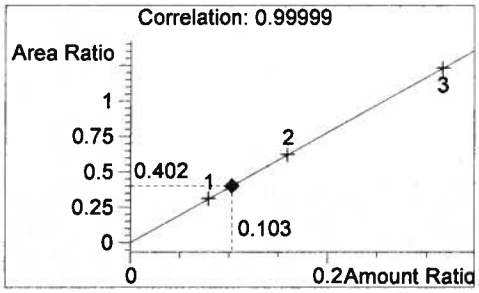
Instrument 1
DB-ALC1

12025 #2
Christie Mitchell-Mata

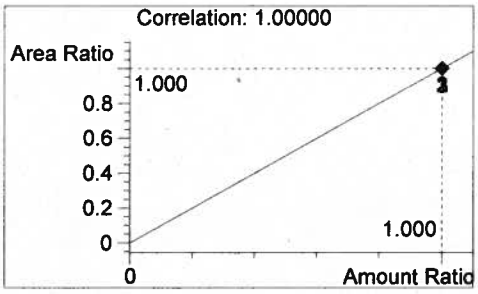
vial # 11



#	Compound	Area	RT
1	Ethanol	1116	1.040
2	n-Propanol	2777	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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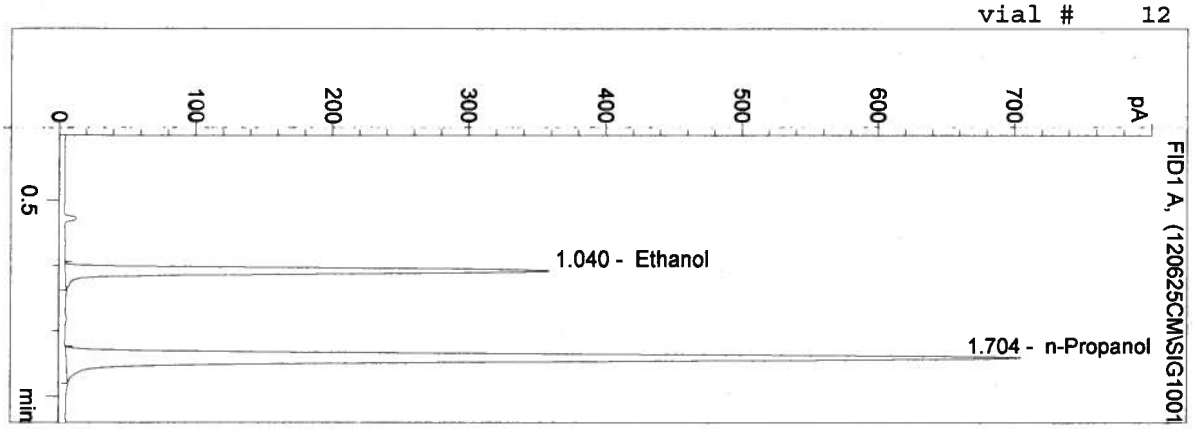
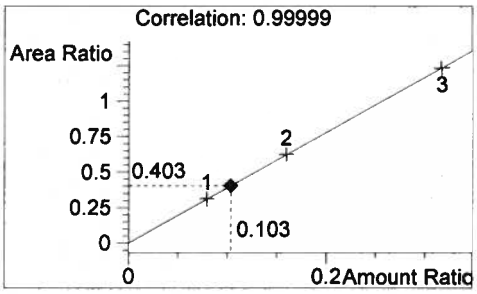
Instrument 1
DB-ALC1

12025 #3
Christie Mitchell-Mata

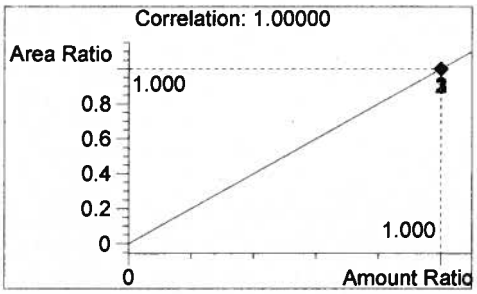
vial # 12



#	Compound	Area	RT
1	Ethanol	1120	1.040
2	n-Propanol	2781	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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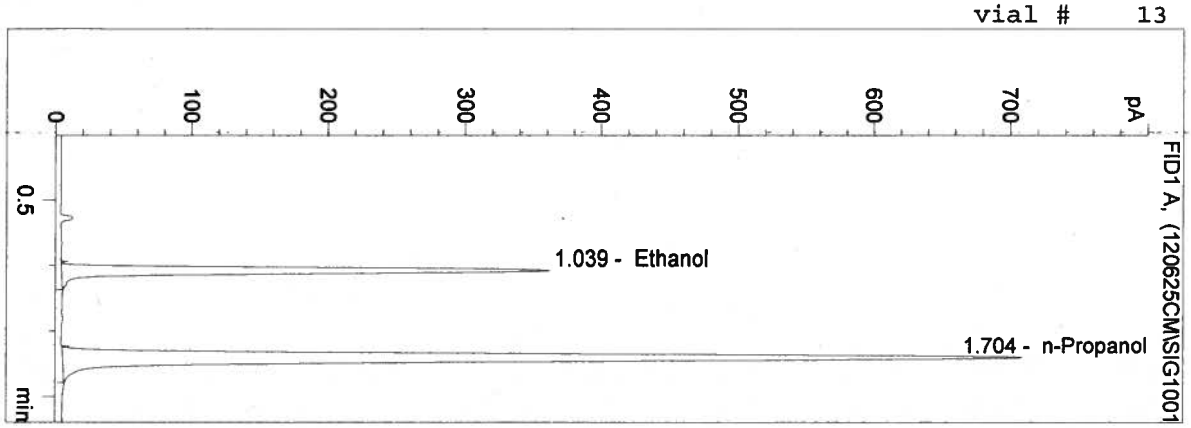
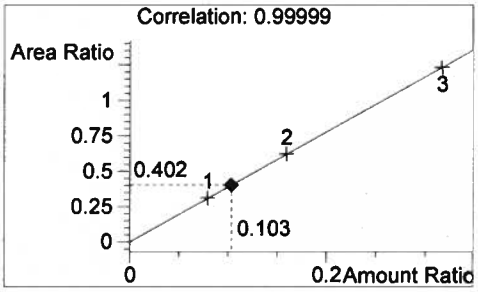
Instrument 1
DB-ALC1

12025 #4
Christie Mitchell-Mata

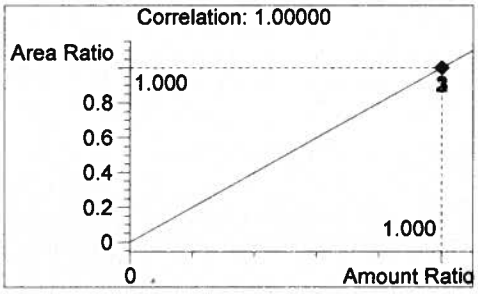
vial # 13



#	Compound	Area	RT
1	Ethanol	1124	1.039
2	n-Propanol	2794	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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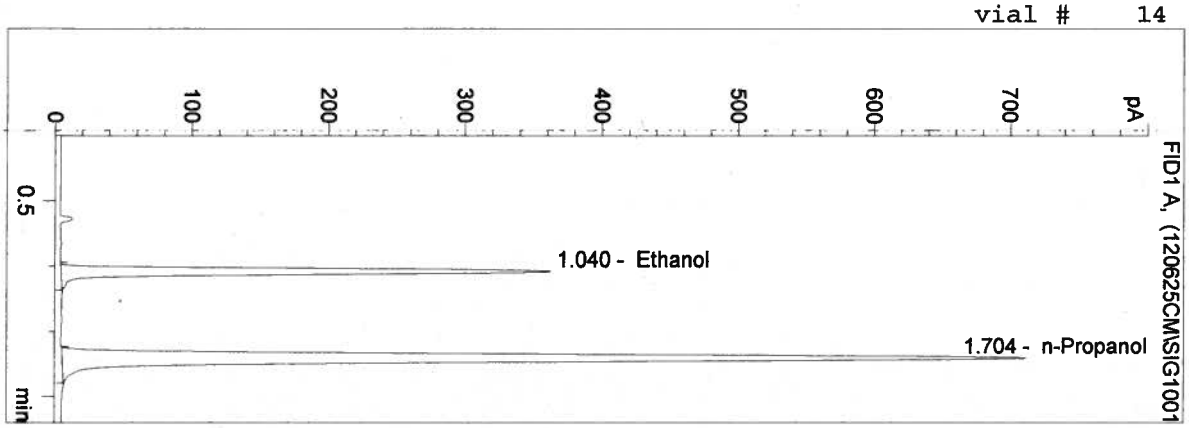
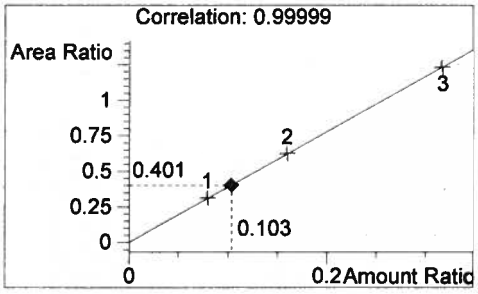
Instrument 1
DB-ALC1

12025 #5
Christie Mitchell-Mata

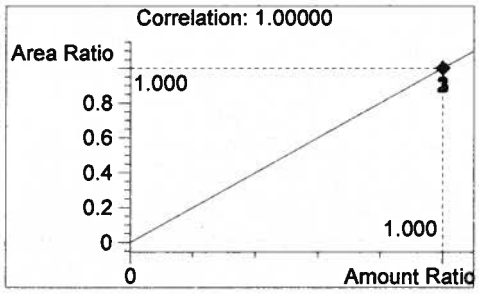
vial # 14



#	Compound	Area	RT
1	Ethanol	1123	1.040
2	n-Propanol	2799	1.704
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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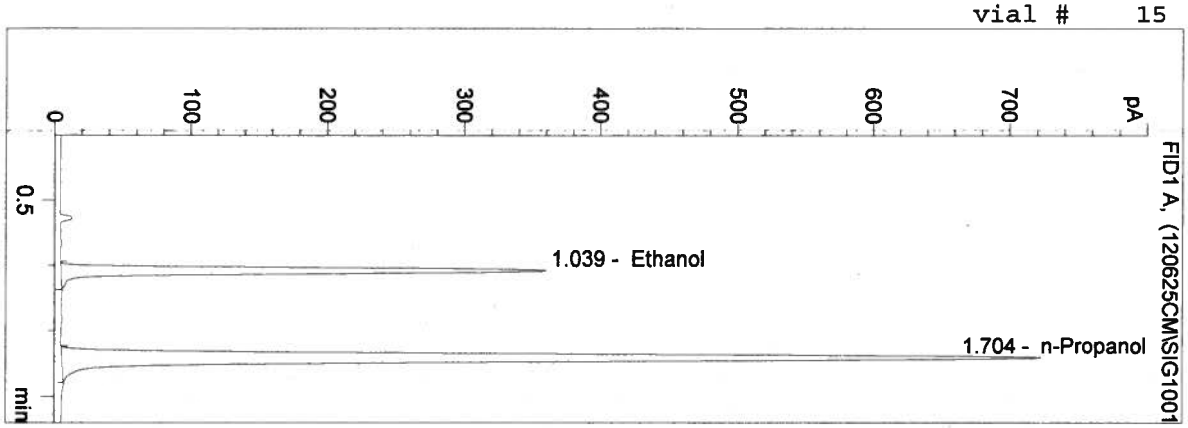
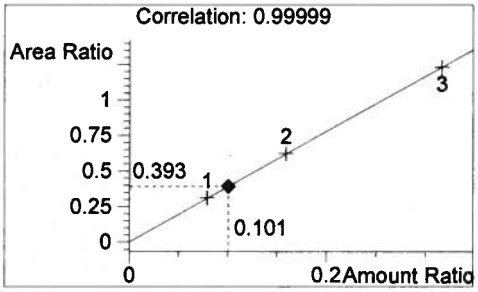
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell-Mata

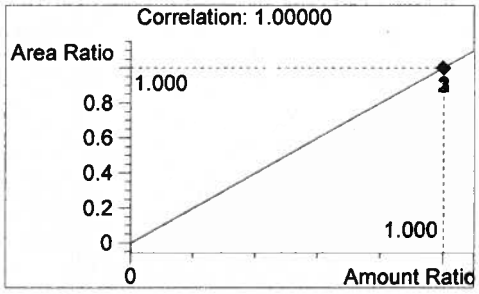
vial # 15



#	Compound	Area	RT
1	Ethanol	1119	1.039
2	n-Propanol	2849	1.704
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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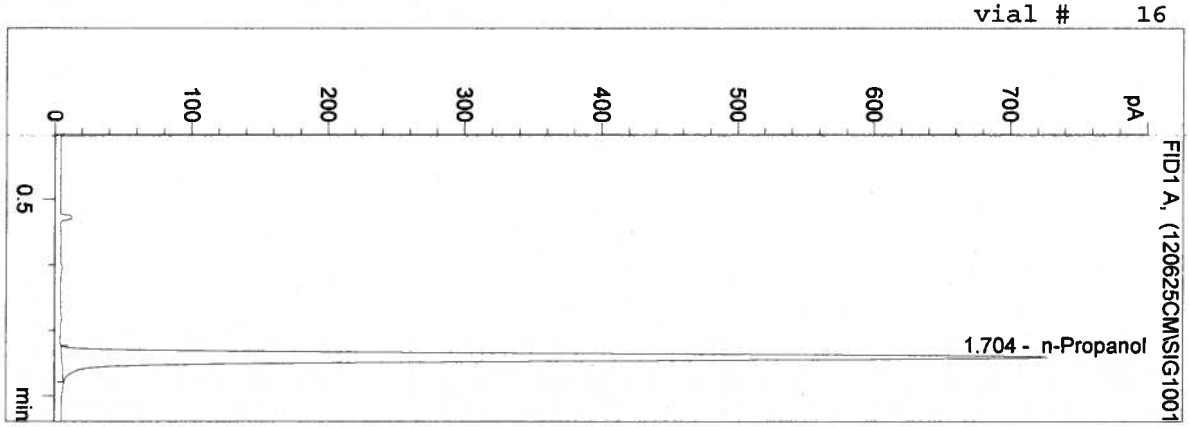
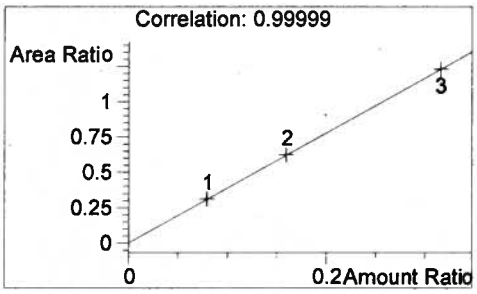
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell-Mata

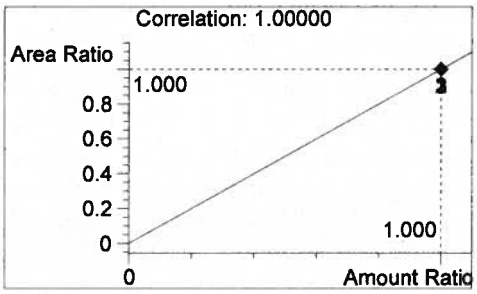
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2863	1.704
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12025

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