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: 11012

CUSTOMER INFORMATION
Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 04/14/2011
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Justin Knoy

	JLK	AJL	DC	CSJ	RF	BP	SS	CM
1	0.102	0.101	0.102	0.103	0.102	0.102	0.102	0.102
2	0.103	0.102	0.101	0.102	0.102	0.103	0.102	0.102
3	0.102	0.102	0.102	0.103	0.102	0.104	0.102	0.102
4	0.102	0.102	0.101	0.103	0.102	0.102	0.102	0.102
5	0.102	0.102	0.101	0.103	0.103	0.103	0.102	0.103
C	0.100	0.100	0.098	0.100	0.101	0.100	0.101	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1022 g/100mL
STANDARD DEVIATION: 0.00064
PRECISION CV (%): 0.62
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0831 g/210L**
EXPANDED UNCERTAINTY: ± 0.0026 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

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

5-10-2011
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy	Justin L Knoy	04/14/2011
AJL	Asa J. Louis	Louis	04/15/2011
DC	Dawn Cox	Dawn Cox	04/15/2011
CSJ	Christopher S. Johnston		04/15/2011
RF	Rebecca Flaherty		04/15/2011
BP	Brianna Peterson	Brianna Peterson	04/15/2011
SS	Sarah Swenson		04/18/2011
CM	Christie Mitchell	Christie Mitchell	04/19/2011

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division.

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

External Standard Solution Batch #: 11012 **Date Prepared:** 4/14/2011

Analyst:	JLK	AJL	DC	CJ	RF	BP	SS	CM
Date Tested:	4/14/2011	4/15/2011	4/15/2011	4/15/2011	4/15/2011	4/15/2011	4/18/2011	4/19/2011
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.102	0.101	0.102	0.103	0.102	0.102	0.102	0.102
2	0.103	0.102	0.101	0.102	0.102	0.103	0.102	0.102
3	0.102	0.102	0.102	0.103	0.102	0.104	0.102	0.102
4	0.102	0.102	0.101	0.103	0.102	0.102	0.102	0.102
5	0.102	0.102	0.101	0.103	0.103	0.103	0.102	0.103
C	0.100	0.100	0.098	0.100	0.101	0.100	0.101	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000387450	0.0000857143	0.0001016326

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

Average Solution Concentration: 0.1022 g/100mL
Standard Deviation: 0.00064 g/100mL
Precision CV (%): 0.62
Equivalent Vapor Concentration: 0.0831 g/210L
Combined Standard Uncertainty (±): 0.0013 g/210L
Expanded Uncertainty (±): 0.0026 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton Melissa L. Pemberton 5-4-2011
Name Signature Date

Calculations verified by: JASON SKEROV May 8, 2011 Method: HAND CALCULATOR
Name Signature Date

Technical review of batch file performed by:

Melissa L. Pemberton Melissa L. Pemberton 5.10.11
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: JASON SKLEROV **Date:** MAY 8, 2011

Location: WSP-FLSB; SEATTLE, WA **Solution Batch Number:** 11012

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

Comments:

Reviewer Signature: (SKLEROV) **Date:** MAY 8, 2011

Reviewer Signature: N/A (JHS) 5/8/11 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the Test Report
3) Signed the Test Report

	Initials	Date
Amanda Black		
Asa Louis	AL	20110504
Brian Capron		
Brianna Peterson	BP	5/4/11
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell	CM	5/4/11
Christopher Johnston	CJ	5/5/11
Dawn Cox	DC	5/4/11
Justin Knoy	JK	5-5-11
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	5/4/11
Sarah Swenson	SMS	5/4/11

Batch # 11012

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 11012

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 11012, was prepared in the Washington State Toxicology Laboratory on 4/14/2011. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/14/2012.

Seattle, WA

5-5-11

Justin L. Knoy — Date
Forensic Toxicologist

JLK/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11012

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 11012, was prepared in the Washington State Toxicology Laboratory on 4/14/2011. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/14/2012.

Seattle, WA

20110504

Asa J. Louis Date

Forensic Toxicologist

AJL/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11012

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 11012, was prepared in the Washington State Toxicology Laboratory on 4/14/2011. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/14/2012.

Seattle, WA

05-04-11

Rebecca Flaherty — Date

Forensic Toxicologist

RF/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11012

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 11012, was prepared in the Washington State Toxicology Laboratory on 4/14/2011. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/14/2012.

Seattle, WA

5/5/2011

Christopher S. Johnston — Date
Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11012

I, Brianna Peterson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry, MS degree in Forensic Science, Ph.D. degree in Toxicology, and five years of experience in forensic toxicology.

The external standard solution, Lot Number 11012, was prepared in the Washington State Toxicology Laboratory on 4/14/2011. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/14/2012.

Seattle, WA

Brianna Peterson 5/4/11

Brianna Peterson Date

Forensic Toxicologist

BP/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11012

I, Sarah M. Swenson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry and over eight years of experience in forensic toxicology.

The external standard solution, Lot Number 11012, was prepared in the Washington State Toxicology Laboratory on 4/14/2011. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/14/2012.

Seattle, WA

5/4/11

Sarah M. Swenson — Date

Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11012

I, Dawn Cox, do certify under penalty of perjury that:

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

I possess the following qualifications: BS in Forensic Chemistry.

The external standard solution, Lot Number 11012, was prepared in the Washington State Toxicology Laboratory on 4/14/2011. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/14/2012.

Seattle, WA

Dawn Cox 5/4/11

Dawn Cox Date

Forensic Toxicologist

DC/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11012

I, Christie Mitchell, do certify under penalty of perjury that:

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

I possess the following qualifications: BA degree in Chemistry, MFS degree in Forensic Science, and over three years experience in forensic toxicology.

The external standard solution, Lot Number 11012, was prepared in the Washington State Toxicology Laboratory on 4/14/2011. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/14/2012.

Seattle, WA

Christie Mitchell 5/4/2011

Christie Mitchell Date

Forensic Toxicologist

CM/ik

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:	110414JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A075264 - Exp. 10/2014
0.10 Control - Lot #A075806 - Exp. 11/2014
0.20 Control - Lot #A073849 - Exp. 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	11012-1	SIMALC1	1	Sample		
11	Vial 11	11012-2	SIMALC1	1	Sample		
12	Vial 12	11012-3	SIMALC1	1	Sample		
13	Vial 13	11012-4	SIMALC1	1	Sample		
14	Vial 14	11012-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

11012

Sequence Table (Back Injector):

No entries - empty table!

JK

11012

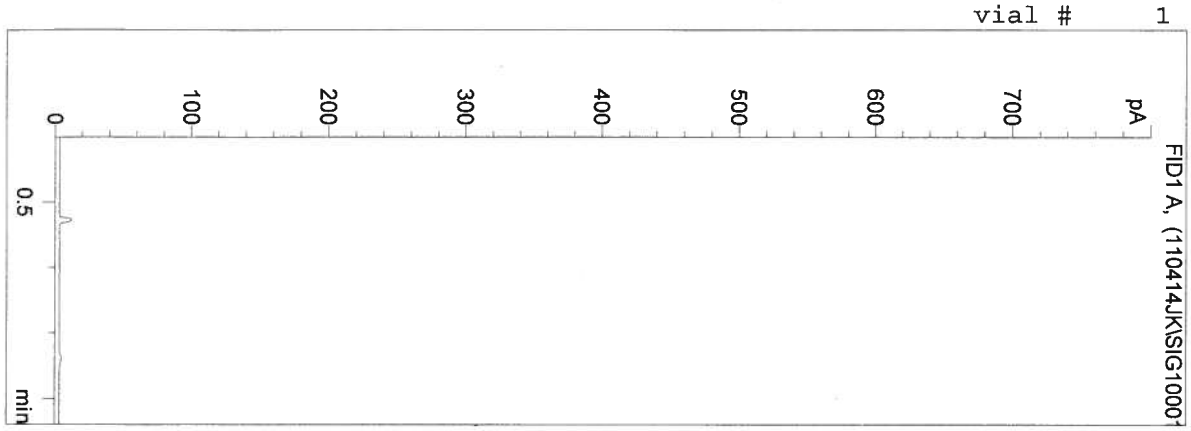
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

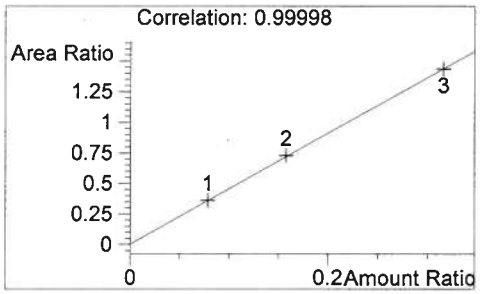
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:06:49 PM
Instrument 1
DB-ALC1

BLANK
Justin Knoy

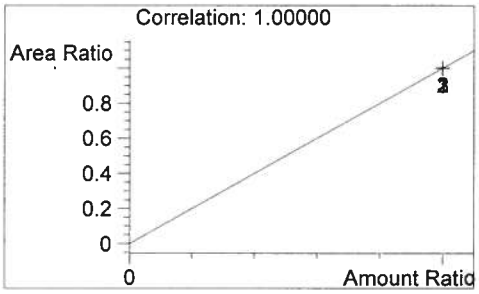
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

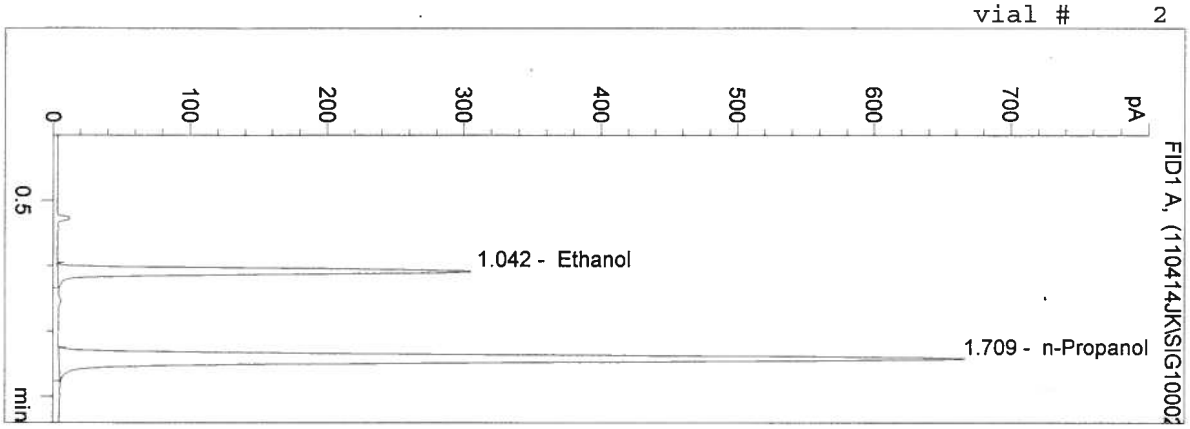
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

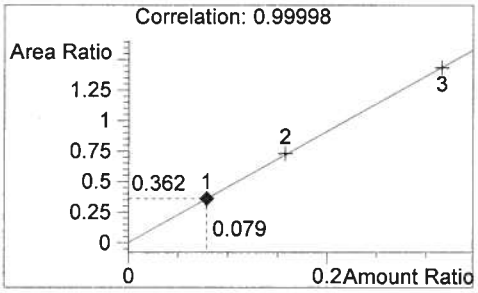
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:09:54 PM
Instrument 1
DB-ALC1

0.079 CAL
Justin Knoy

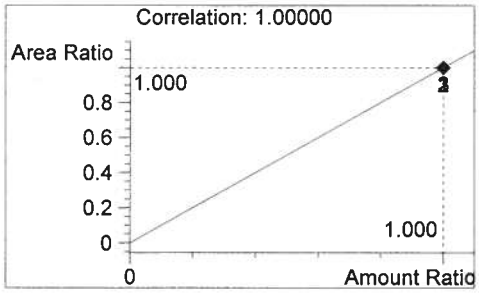
vial # 2



#	Compound	Area	RT
1	Ethanol	936	1.042
2	n-Propanol	2586	1.709
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11012

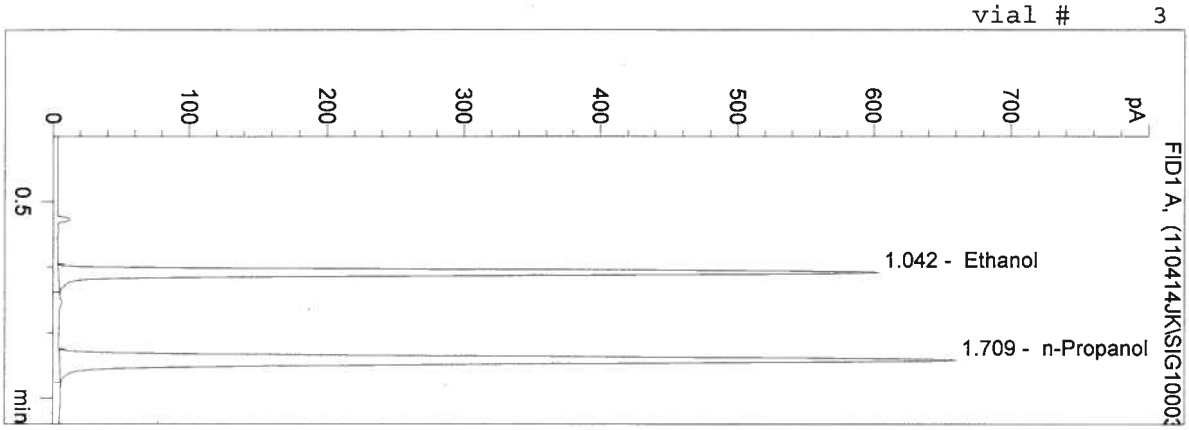
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

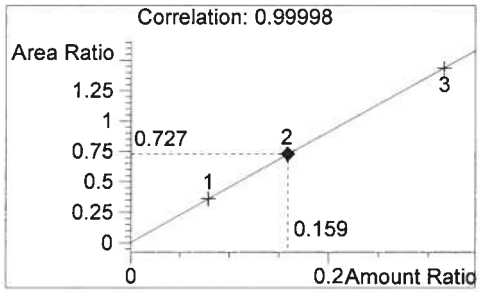
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:12:58 PM
Instrument 1
DB-ALC1

0.158 CAL
Justin Knoy

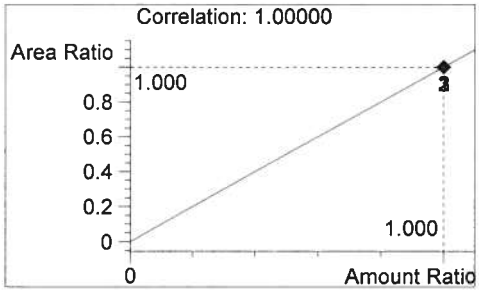
vial # 3



#	Compound	Area	RT
1	Ethanol	1860	1.042
2	n-Propanol	2560	1.709
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11012

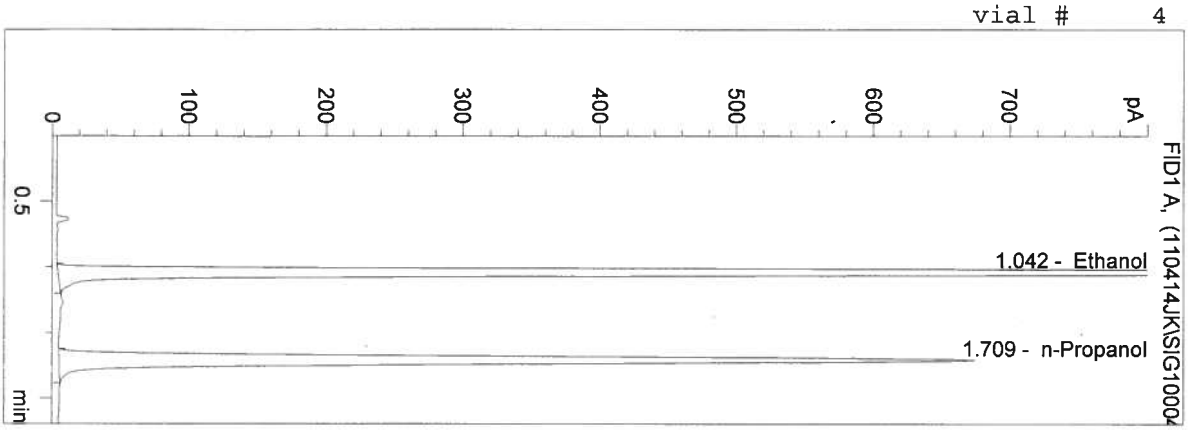
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

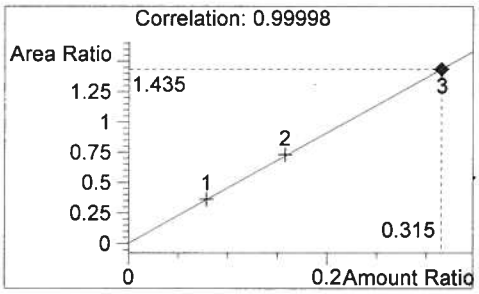
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:16:03 PM
Instrument 1
DB-ALC1

0.316 CAL
Justin Knoy

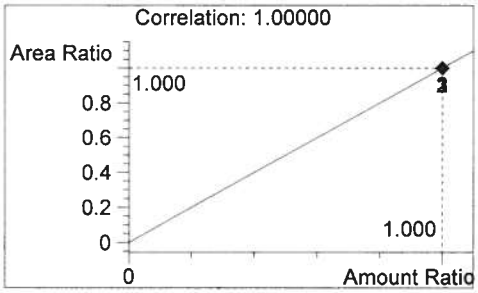
vial # 4



#	Compound	Area	RT
1	Ethanol	3751	1.042
2	n-Propanol	2613	1.709
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

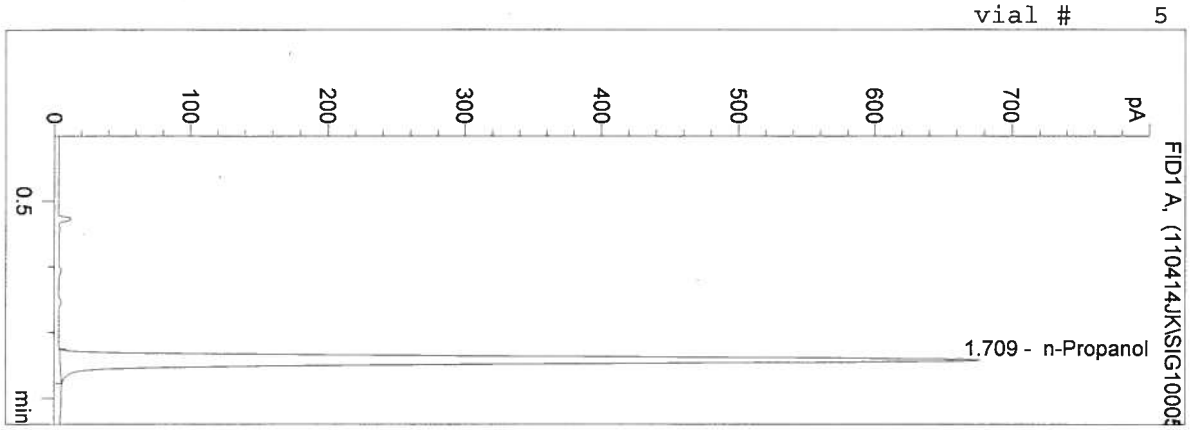
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

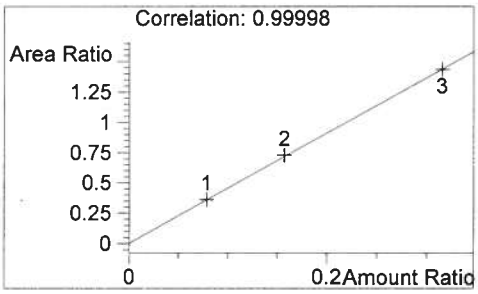
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:19:08 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

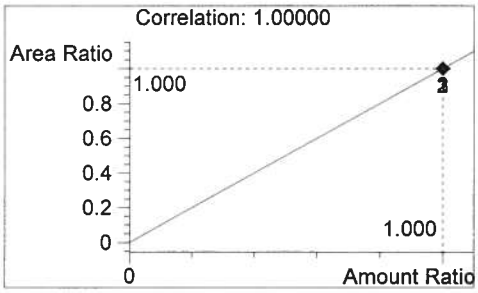
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2629	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

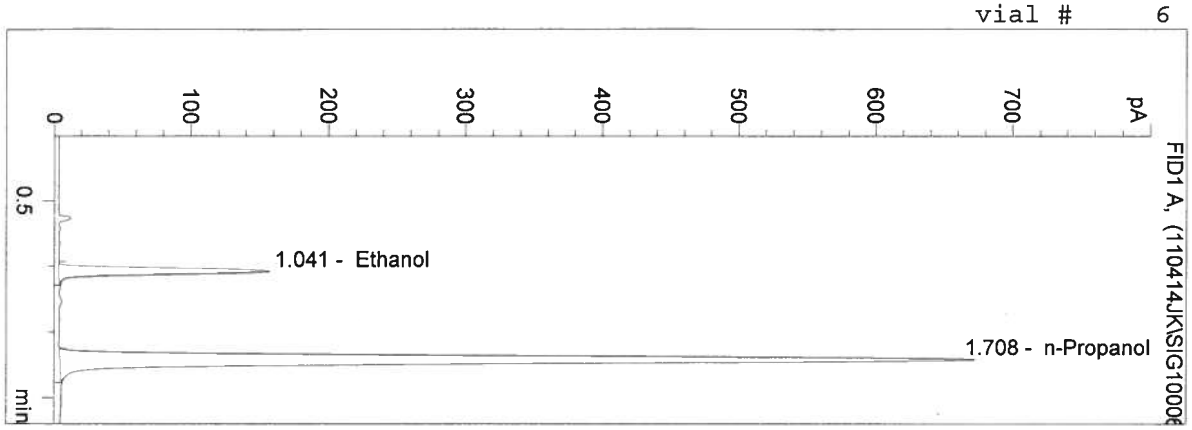
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

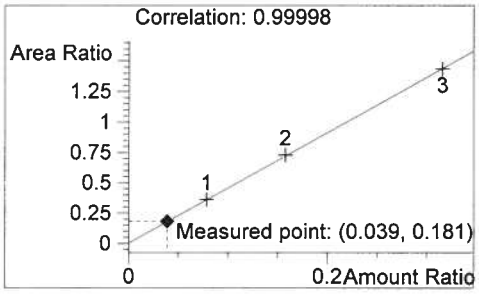
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:22:13 PM
Instrument 1
DB-ALC1

0.04 CTRL JK
Justin Knoy

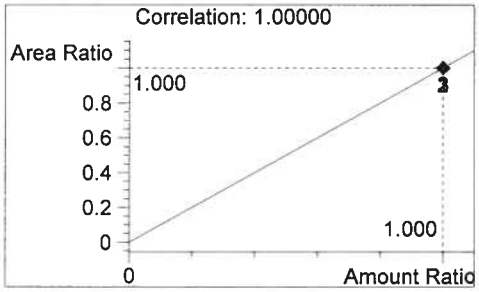
vial # 6



#	Compound	Area	RT
1	Ethanol	473	1.041
2	n-Propanol	2613	1.708
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

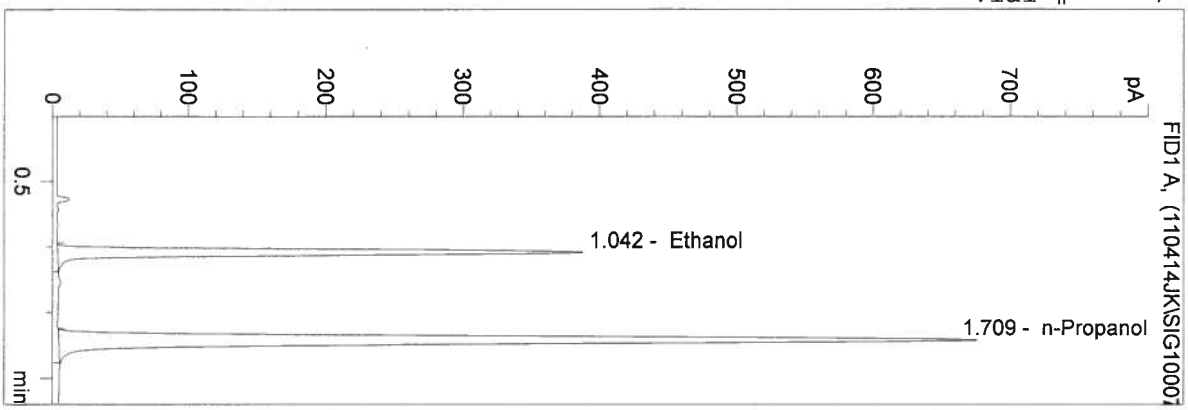
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

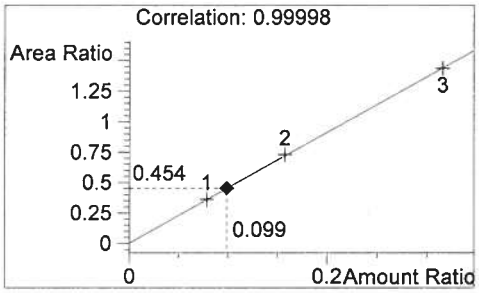
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:25:17 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

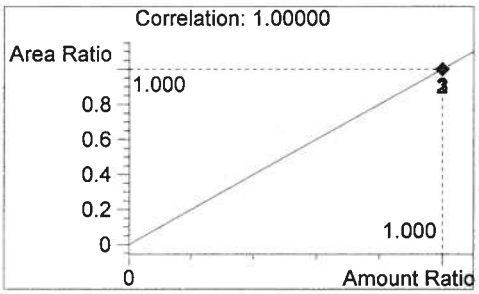
vial # 7



#	Compound	Area	RT
1	Ethanol	1191	1.042
2	n-Propanol	2625	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

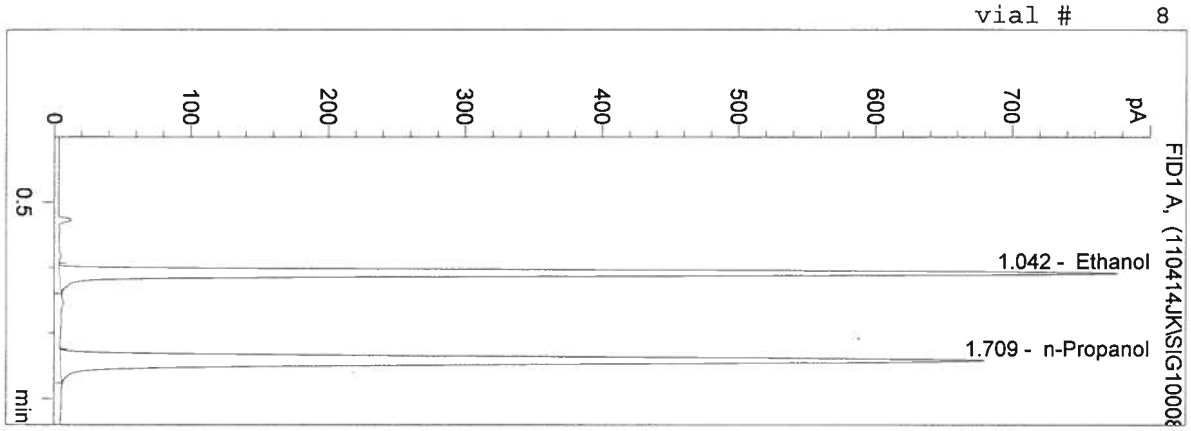
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

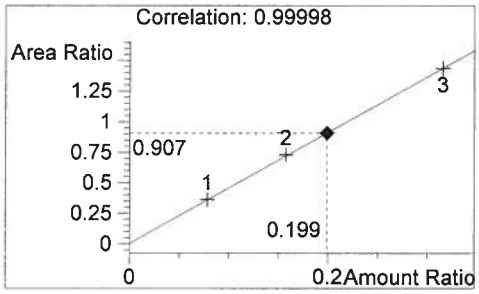
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:28:22 PM
Instrument 1
DB-ALC1

0.20 CTRL JK
Justin Knoy

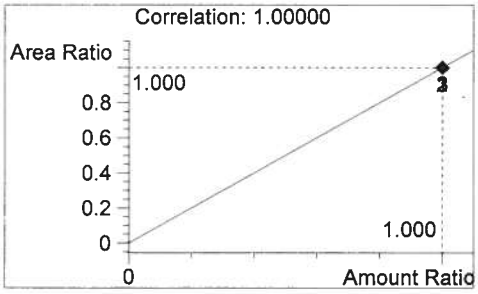
vial # 8



#	Compound	Area	RT
1	Ethanol	2389	1.042
2	n-Propanol	2634	1.709
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

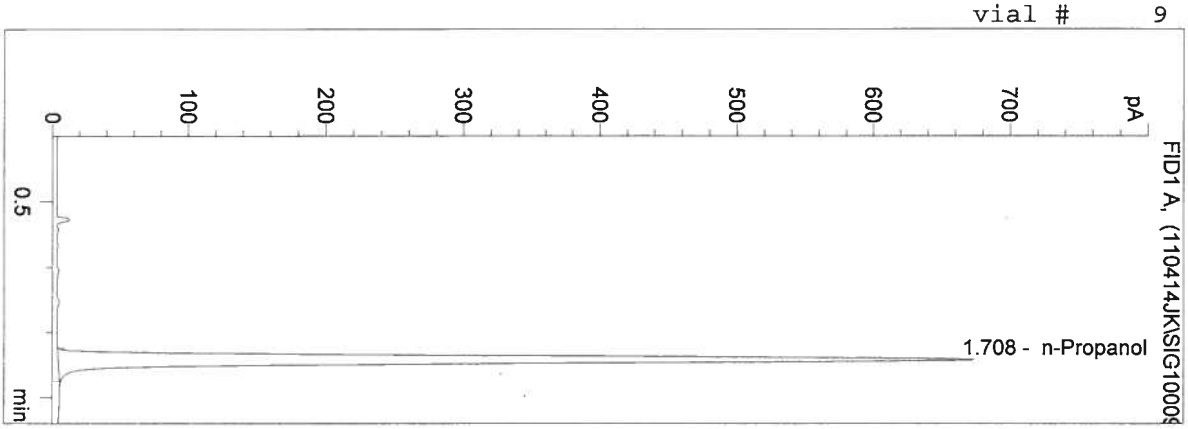
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

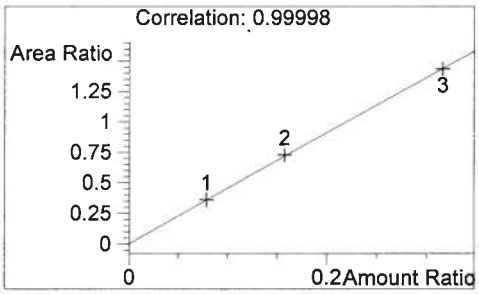
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:31:27 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

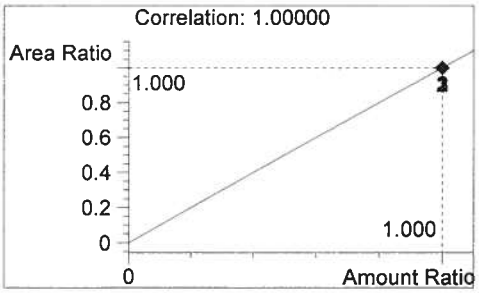
vial # 9



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



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

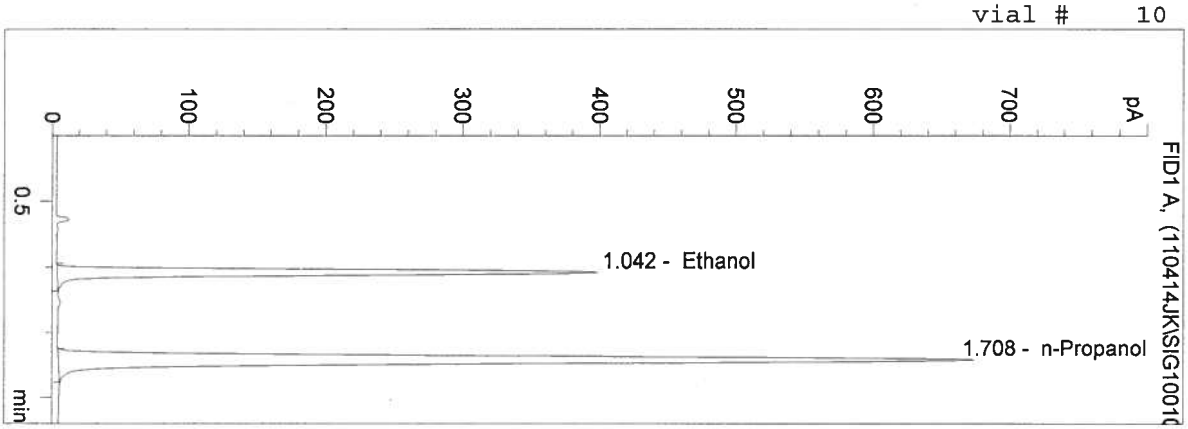
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

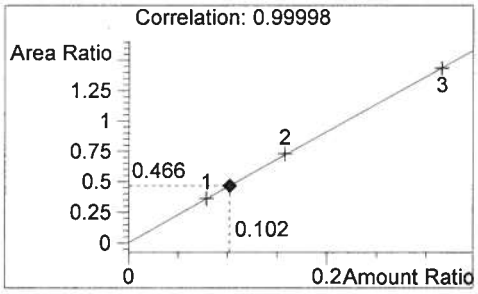
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:34:32 PM
Instrument 1
DB-ALC1

11012-1
Justin Knoy

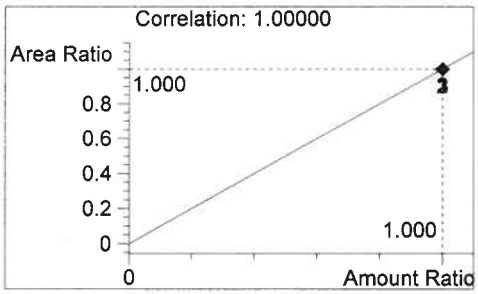
vial # 10



#	Compound	Area	RT
1	Ethanol	1217	1.042
2	n-Propanol	2608	1.708
Tot			



Ethanol 0.102 g/100 mL



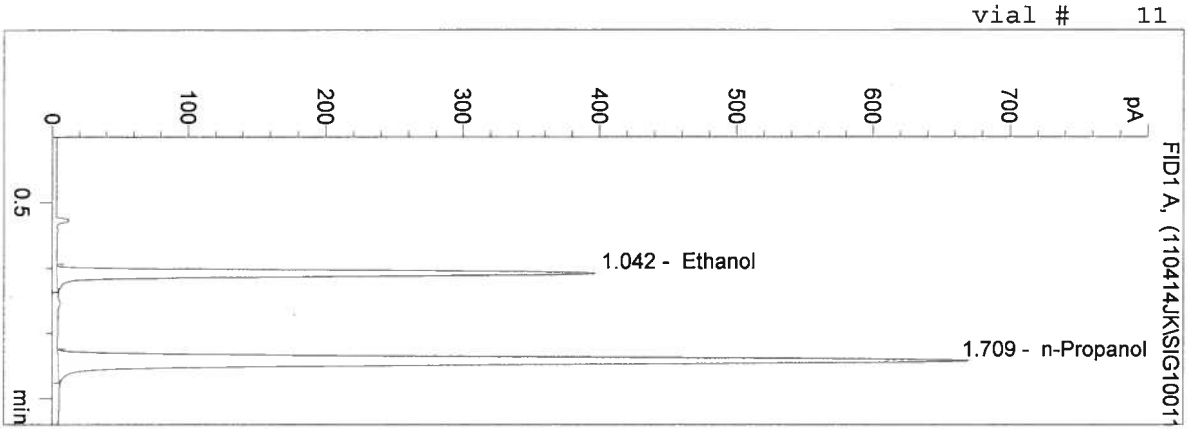
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

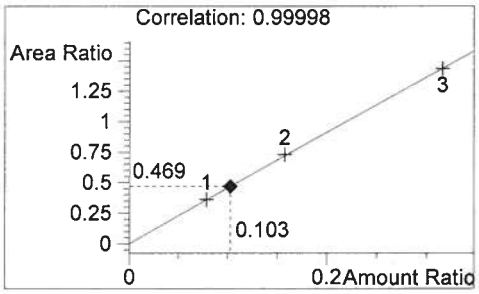
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:37:36 PM
Instrument 1
DB-ALC1

11012-2
Justin Knoy

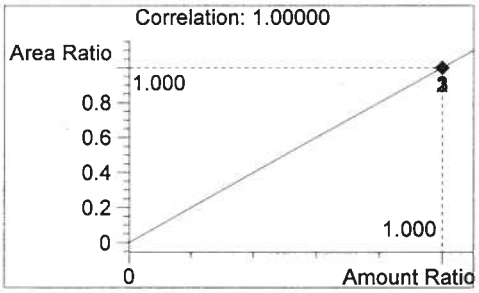
vial # 11



#	Compound	Area	RT
1	Ethanol	1219	1.042
2	n-Propanol	2599	1.709
Tot			



Ethanol 0.103 g/100 mL



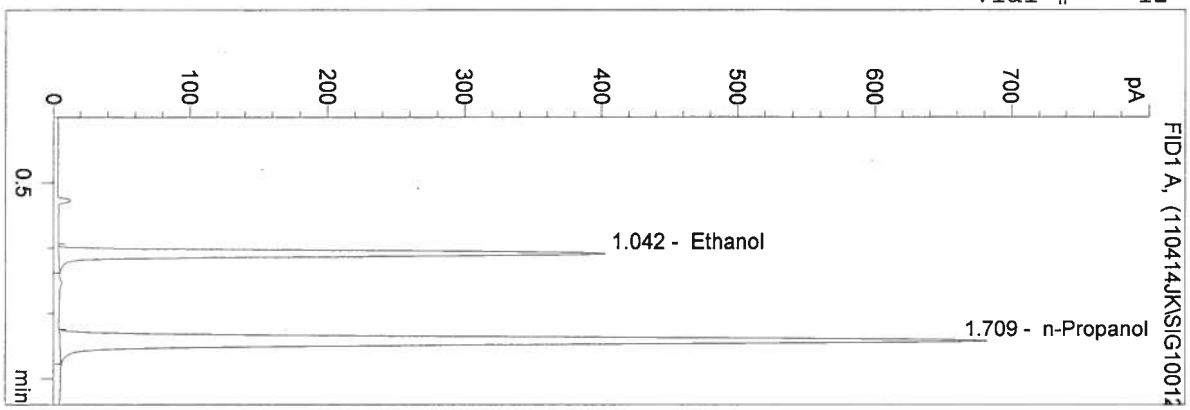
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

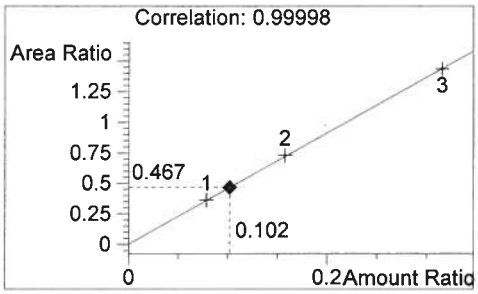
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:40:41 PM
Instrument 1
DB-ALC1

11012-3
Justin Knoy

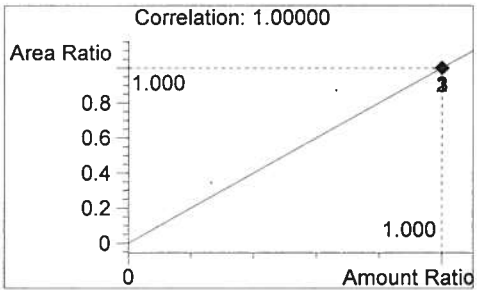
vial # 12



#	Compound	Area	RT
1	Ethanol	1234	1.042
2	n-Propanol	2645	1.709
Tot			



Ethanol 0.102 g/100 mL



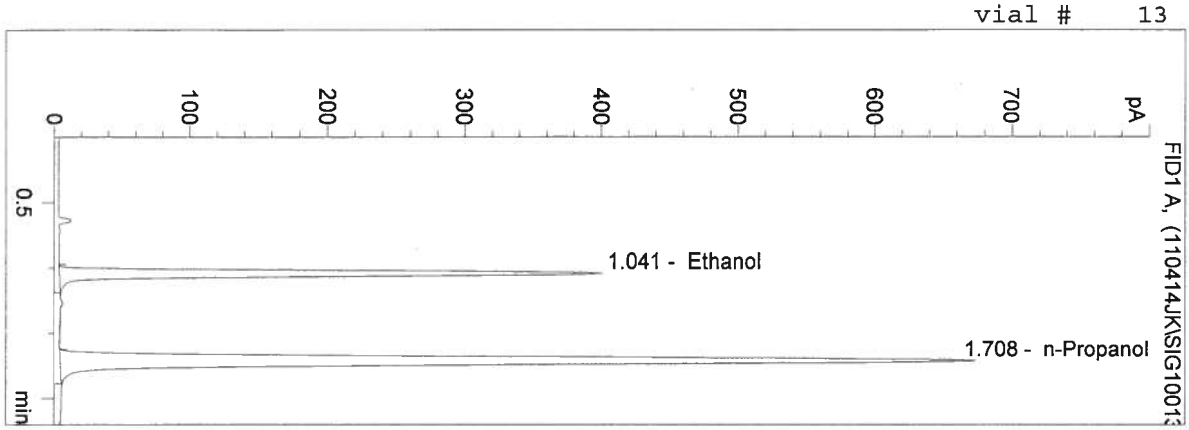
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

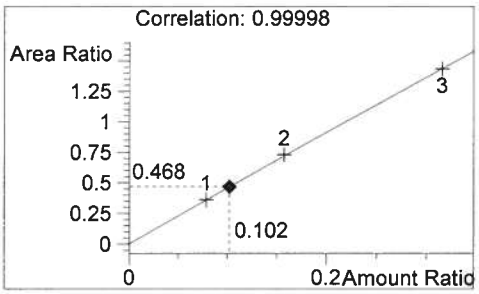
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:43:46 PM
Instrument 1
DB-ALC1

11012-4
Justin Knoy

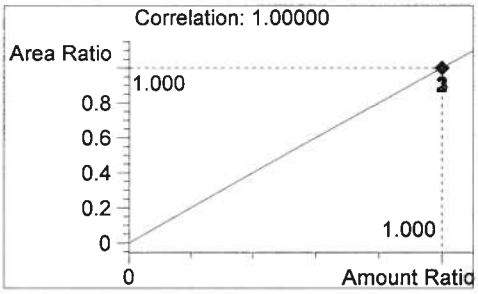
vial # 13



#	Compound	Area	RT
1	Ethanol	1219	1.041
2	n-Propanol	2605	1.708
Tot			



Ethanol 0.102 g/100 mL



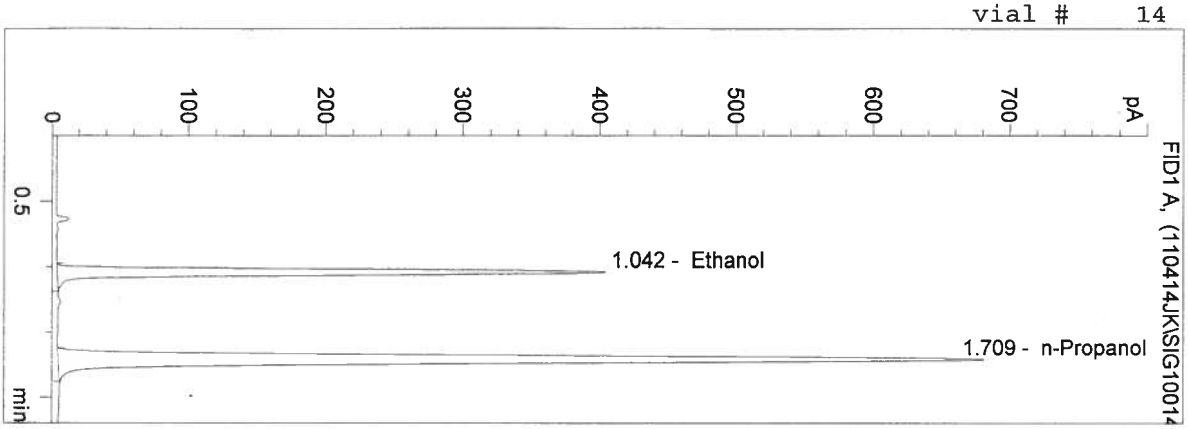
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

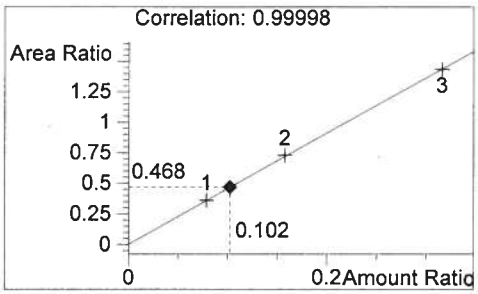
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:46:51 PM
Instrument 1
DB-ALC1

11012-5
Justin Knoy

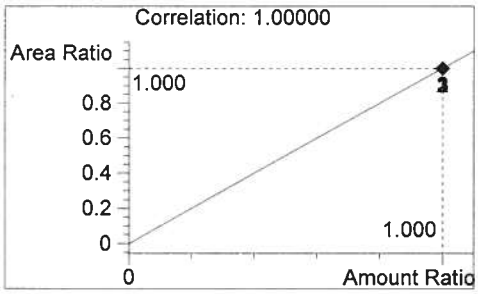
vial # 14



#	Compound	Area	RT
1	Ethanol	1234	1.042
2	n-Propanol	2636	1.709
Tot			



Ethanol 0.102 g/100 mL



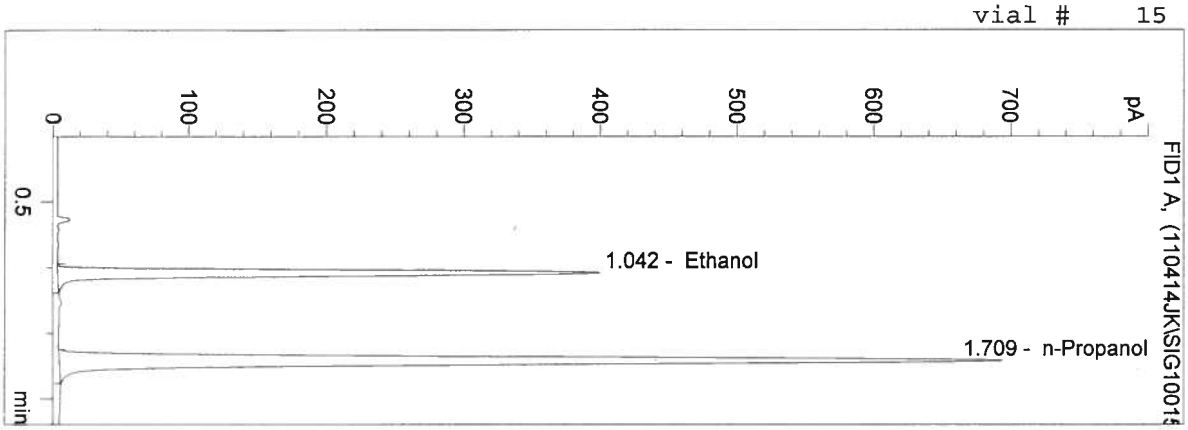
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

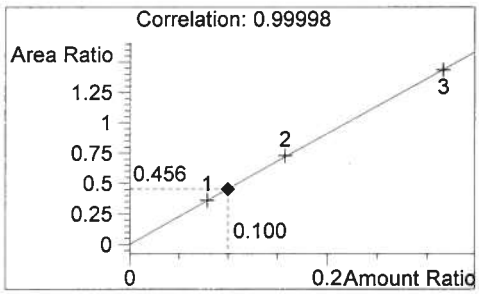
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:49:55 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

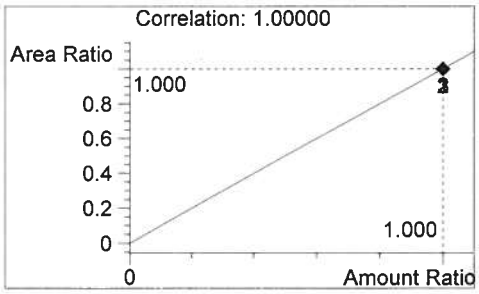
vial # 15



#	Compound	Area	RT
1	Ethanol	1229	1.042
2	n-Propanol	2696	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

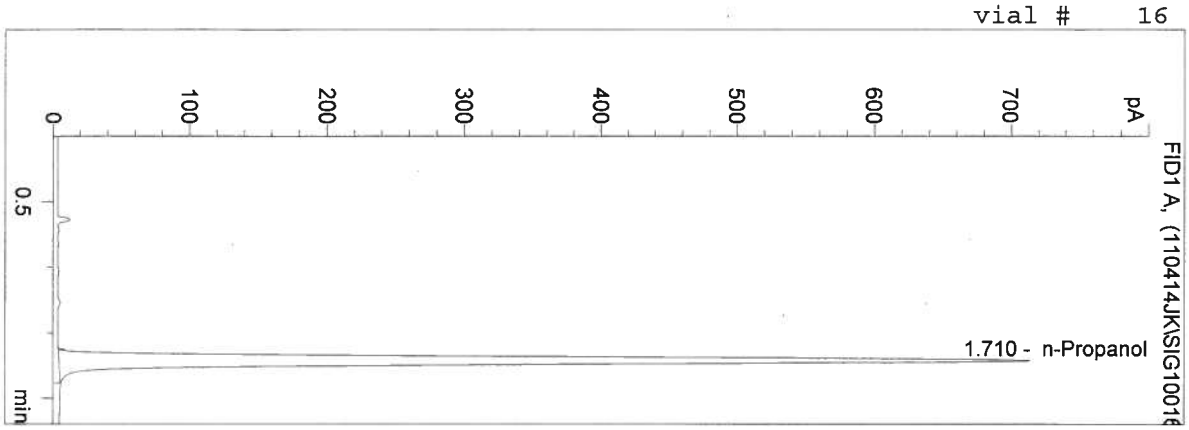
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

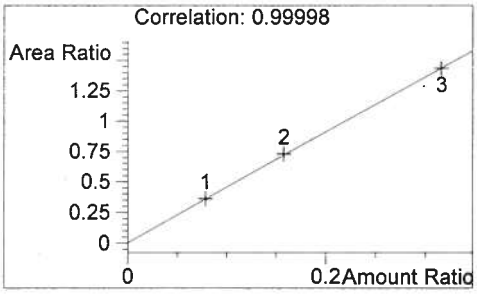
C:\HPCHEM\1\METHODS\SIMALC1.M
4/14/2011 12:53:00 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

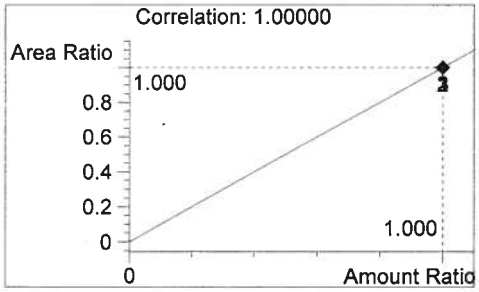
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2775	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

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

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:	110415A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a075264 exp 10/2014
0.10 control lot# a075806 exp 11/2014
0.20 control lot# a073849 exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	11012 #1	SIMALC1	1	Sample		
11	Vial 11	11012 #2	SIMALC1	1	Sample		
12	Vial 12	11012 #3	SIMALC1	1	Sample		
13	Vial 13	11012 #4	SIMALC1	1	Sample		
14	Vial 14	11012 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

AL 20110416

11012

Sequence Table (Back Injector):

No entries - empty table!

AL 20110504

AL
20110415
AL 20110504

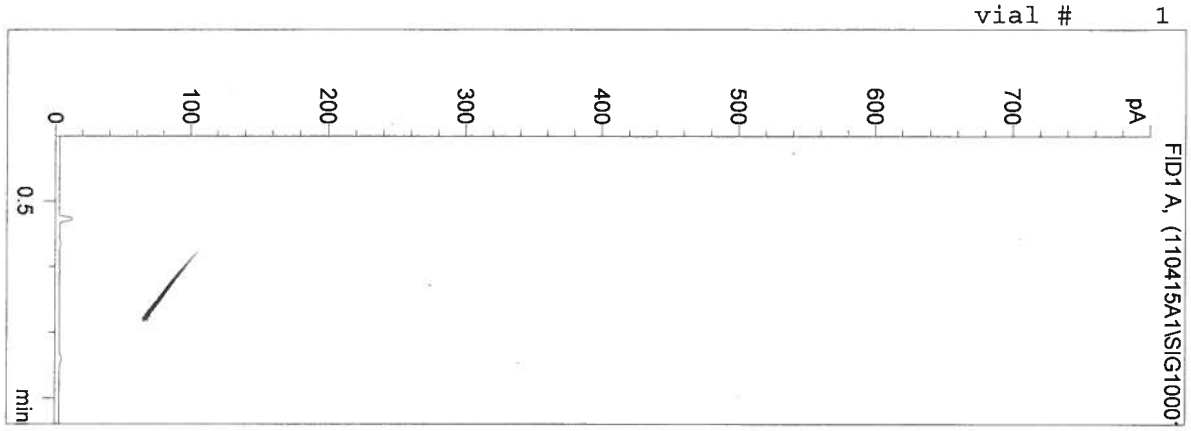
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

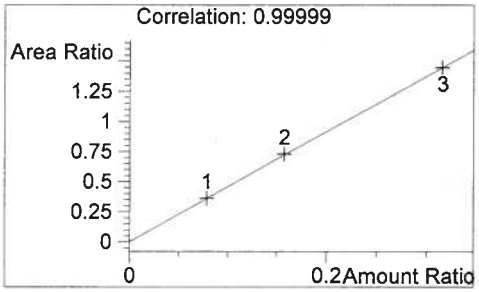
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:10:40 AM
Instrument 1
DB-ALC1

blank
asa louis

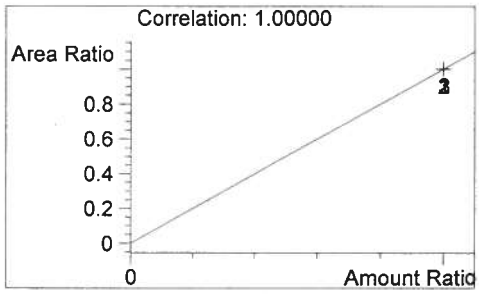
vial # 1



#	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

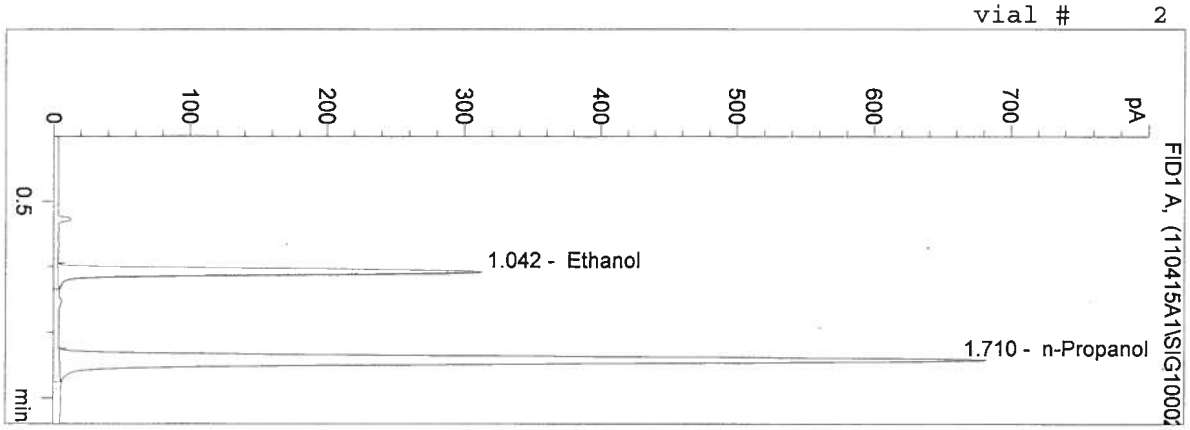
AL 20110415
AL 20110504
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

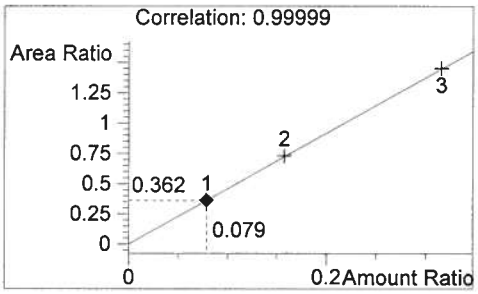
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:13:45 AM
Instrument 1
DB-ALC1

0.079 cal 1
asa louis

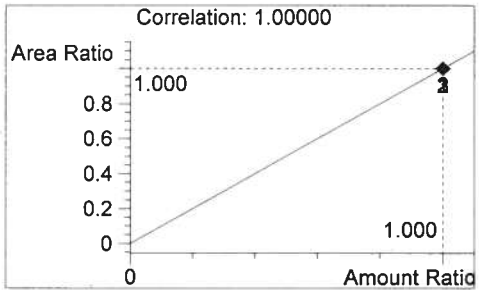
vial # 2



#	Compound	Area	RT
1	Ethanol	962	1.042
2	n-Propanol	2655	1.710
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110415

AL 20110504

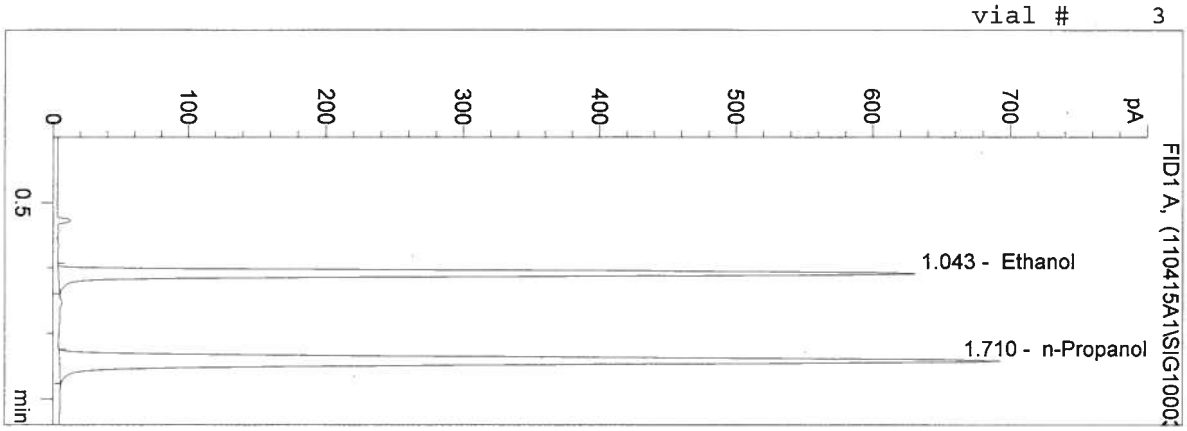
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

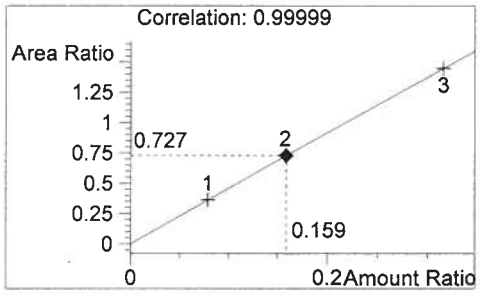
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:16:50 AM
Instrument 1
DB-ALC1

0.158 cal 2
asa louis

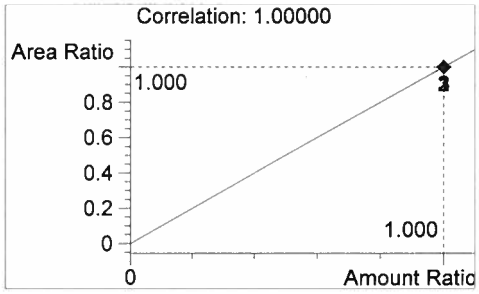
vial # 3



#	Compound	Area	RT
1	Ethanol	1963	1.043
2	n-Propanol	2699	1.710
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

AL
20110415

11012

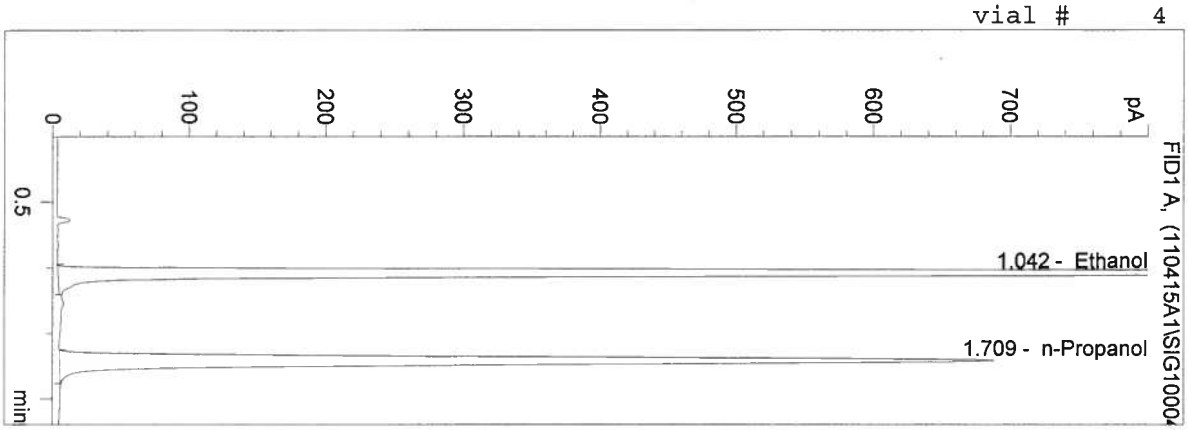
AL 20110504

WASHINGTON STATE TOXICOLOGY LABORATORY

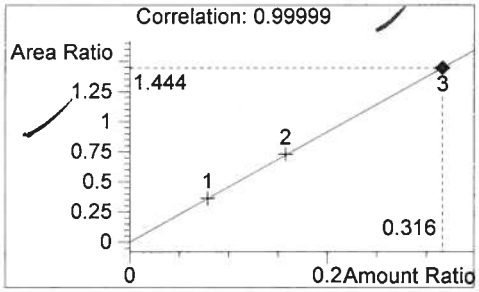
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:19:55 AM
Instrument 1
DB-ALC1

0.316 cal 3
asa louis

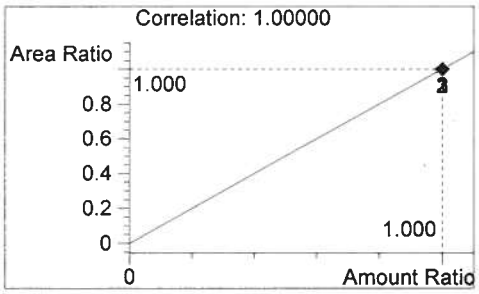
vial # 4



#	Compound	Area	RT
1	Ethanol	3852	1.042
2	n-Propanol	2667	1.709
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110415

AL 20110504

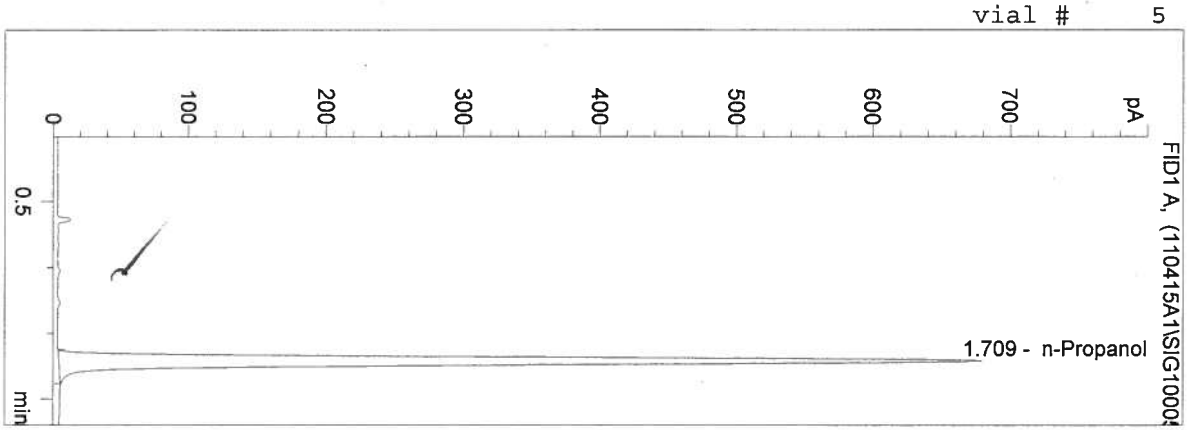
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

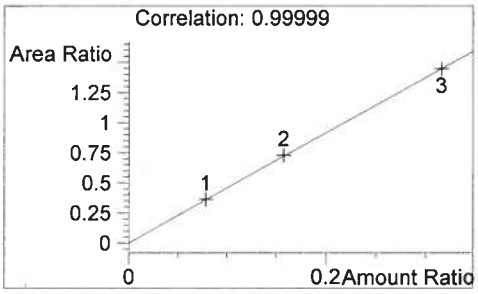
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:22:59 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

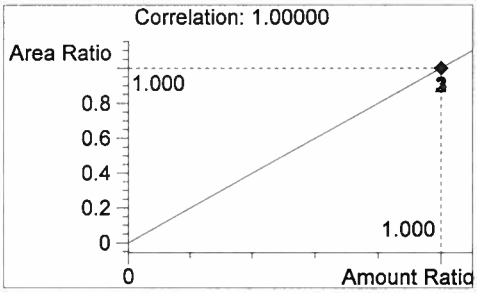
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2637	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

A
20110415

11012

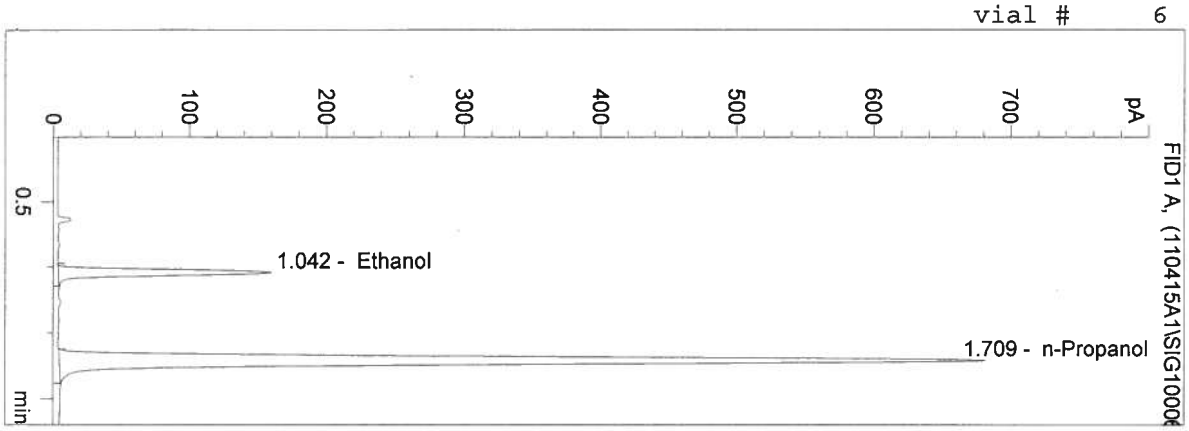
A 20110504

WASHINGTON STATE TOXICOLOGY LABORATORY

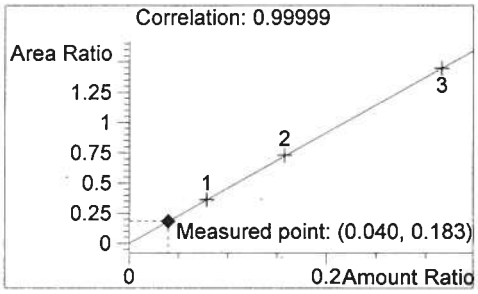
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:26:04 AM
Instrument 1
DB-ALC1

0.04 ctrl al
asa louis

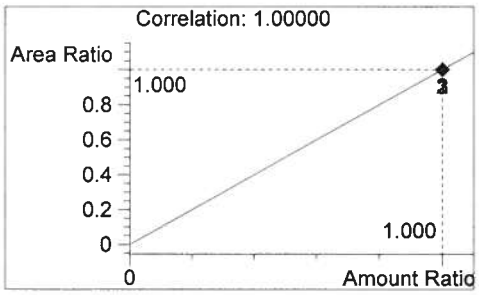
vial # 6



#	Compound	Area	RT
1	Ethanol	484	1.042
2	n-Propanol	2643	1.709
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

A
20110415

A
20110504

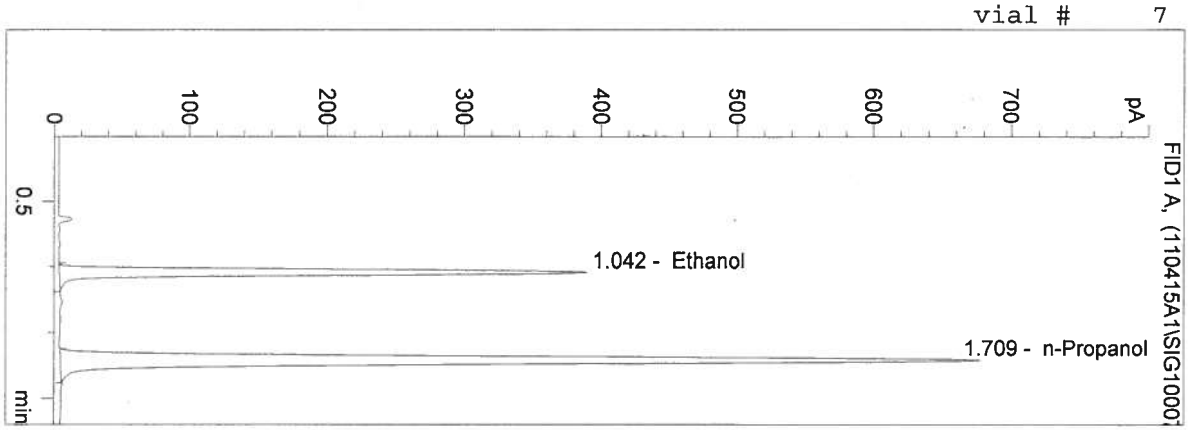
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

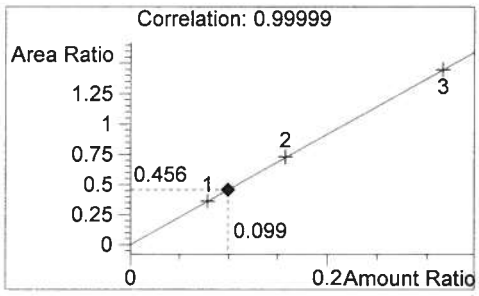
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:29:09 AM
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

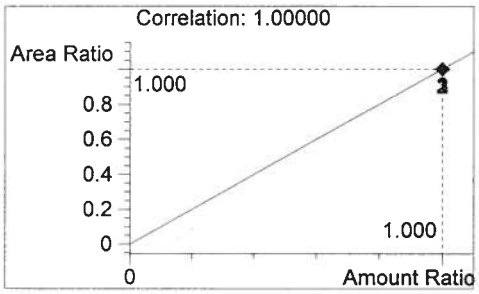
vial # 7



#	Compound	Area	RT
1	Ethanol	1201	1.042
2	n-Propanol	2632	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

AL
20110415

AL
20110504

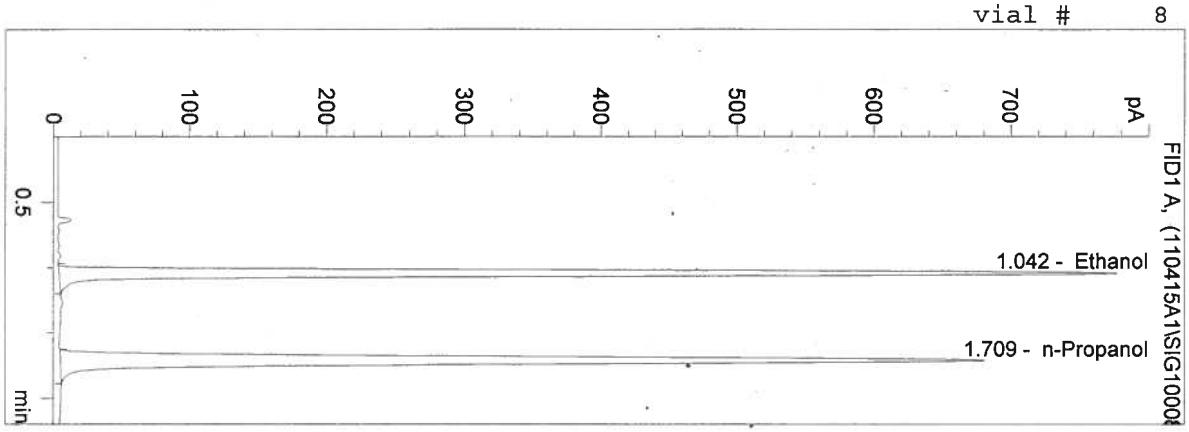
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

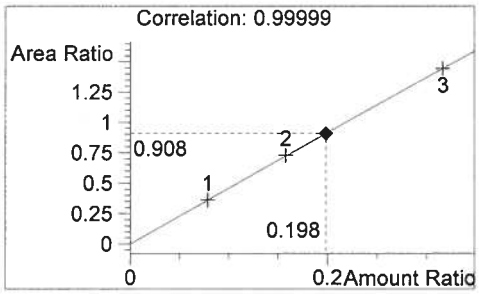
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:32:14 AM
Instrument 1
DB-ALC1

0.20 ctrl al
asa louis

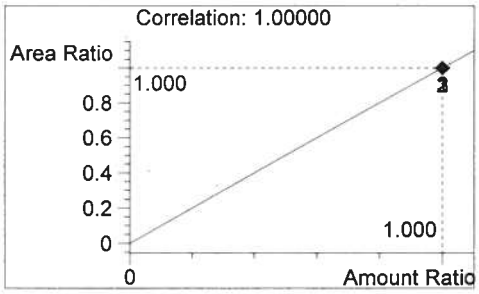
vial # 8



#	Compound	Area	RT
1	Ethanol	2402	1.042
2	n-Propanol	2645	1.709
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110415

AL 20110504

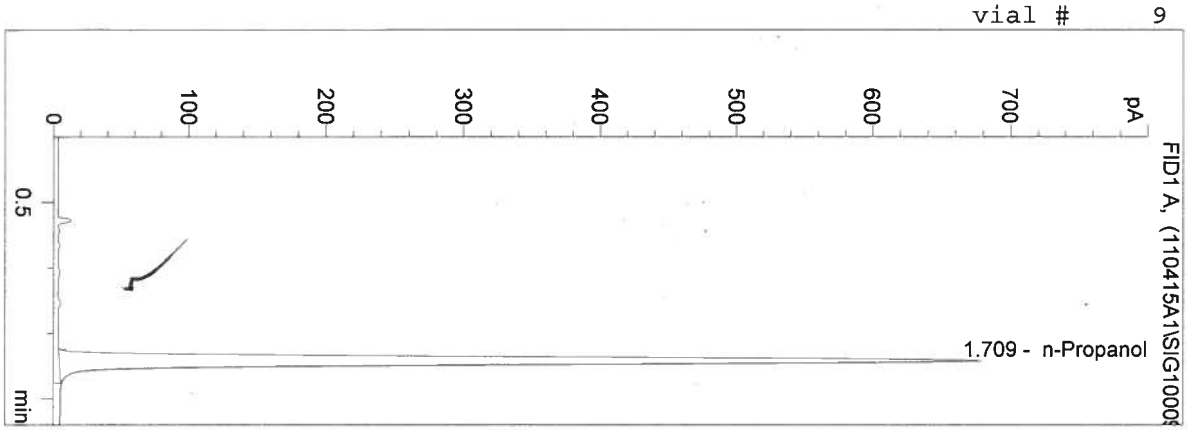
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

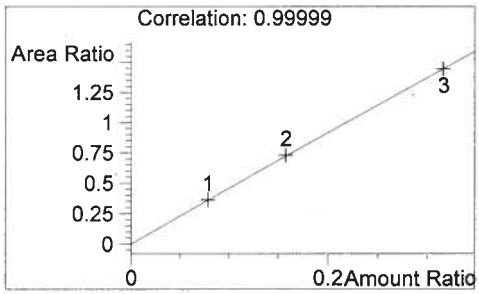
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:35:18 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

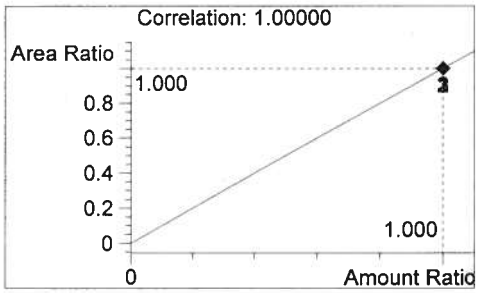
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2636	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

AL
20110415

11012

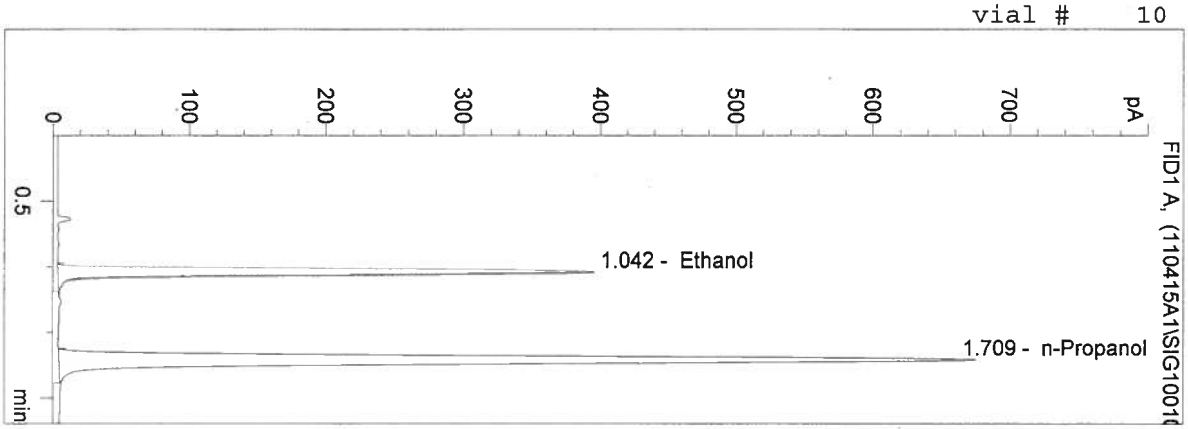
AL 20110504

WASHINGTON STATE TOXICOLOGY LABORATORY

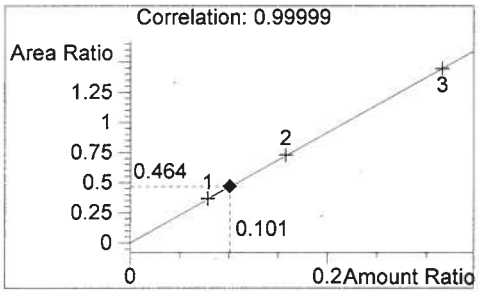
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:38:23 AM
Instrument 1
DB-ALC1

11012 #1
asa louis

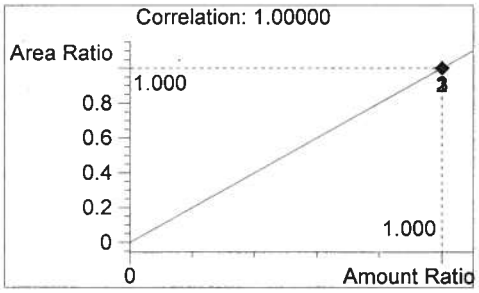
vial # 10



#	Compound	Area	RT
1	Ethanol	1219	1.042
2	n-Propanol	2624	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

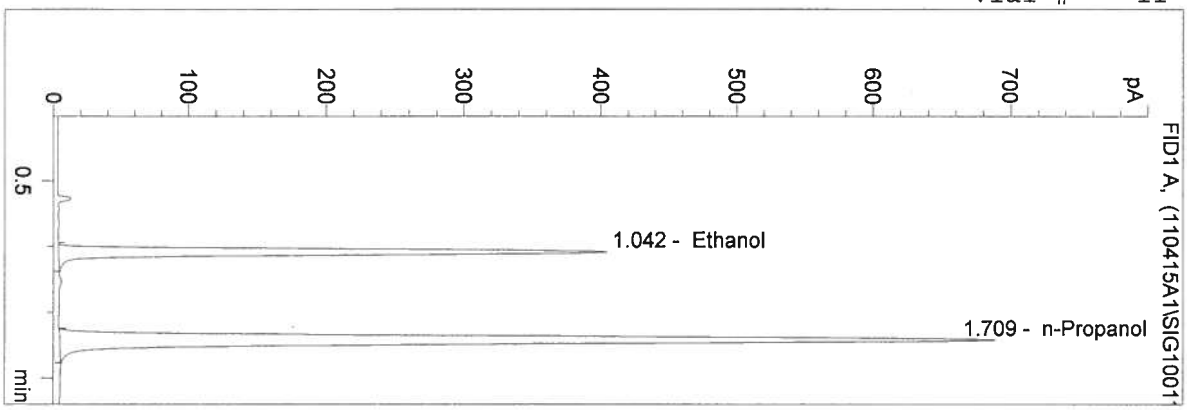
AL 20110415

AL 20110504

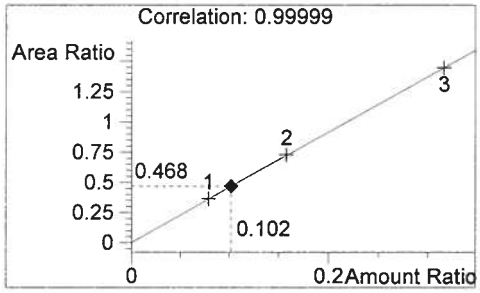
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:41:28 AM 11012 #2
Instrument 1 asa louis
DB-ALC1

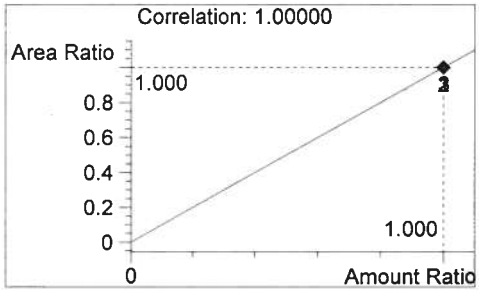
vial # 11



#	Compound	Area	RT
1	Ethanol	1254	1.042
2	n-Propanol	2681	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

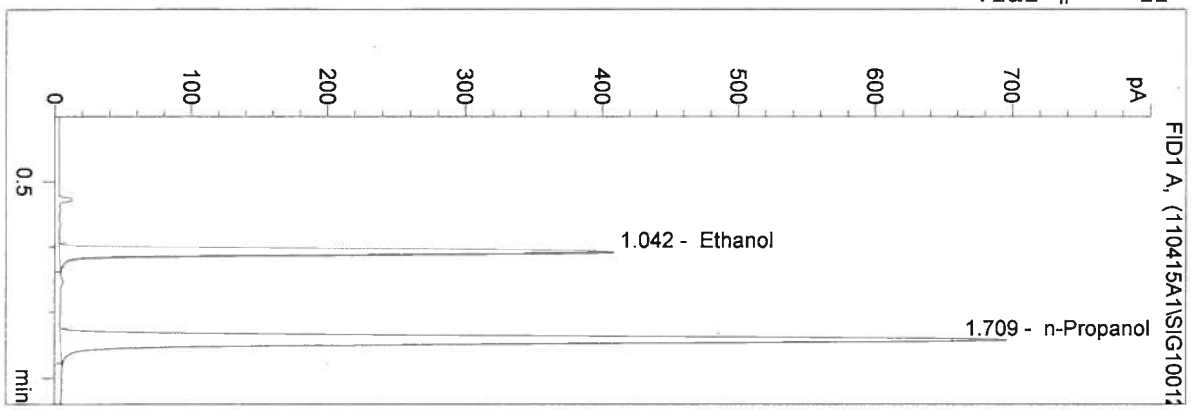
AL 20110415
AL 20110504

WASHINGTON STATE TOXICOLOGY LABORATORY

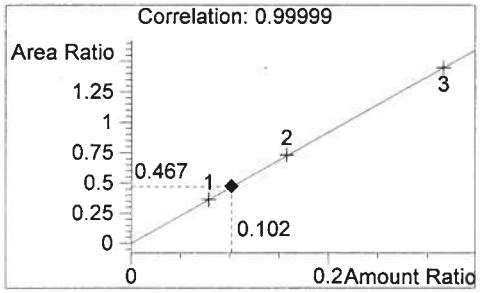
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:44:32 AM
Instrument 1
DB-ALC1

11012 #3
asa louis

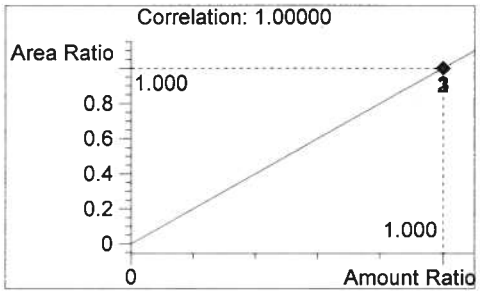
vial # 12



#	Compound	Area	RT
1	Ethanol	1262	1.042
2	n-Propanol	2704	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110415

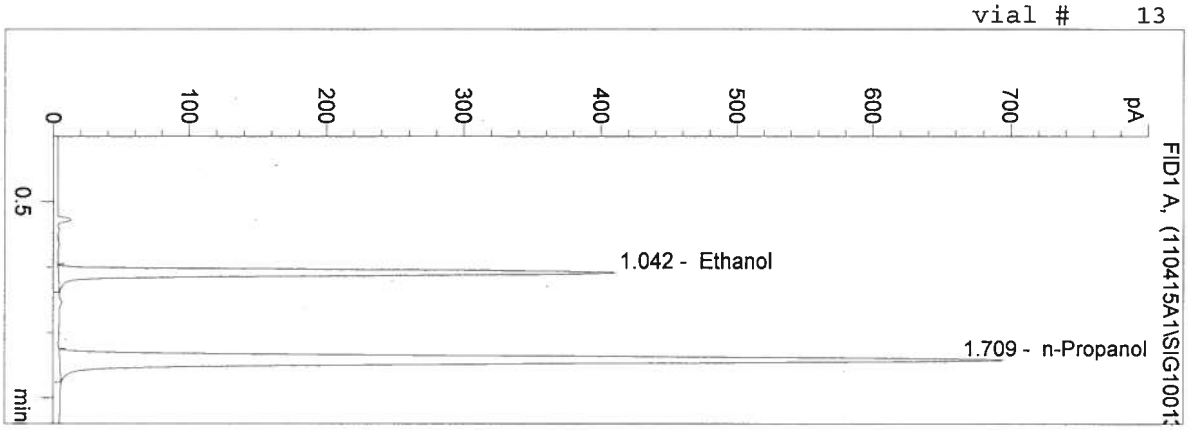
AL 20110504

WASHINGTON STATE TOXICOLOGY LABORATORY

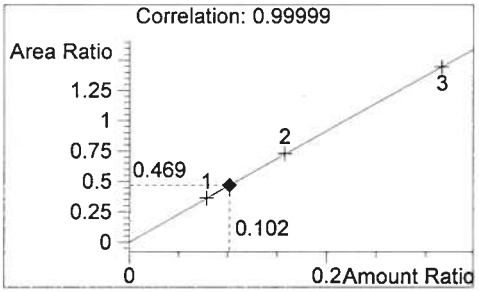
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:47:37 AM
Instrument 1
DB-ALC1

11012 #4
asa louis

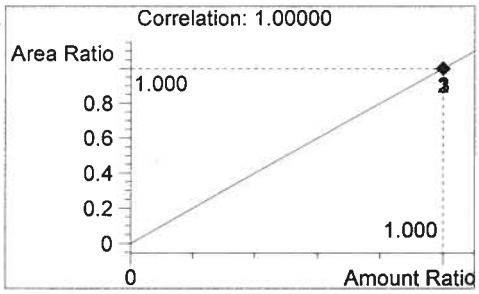
vial # 13



#	Compound	Area	RT
1	Ethanol	1264	1.042
2	n-Propanol	2696	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

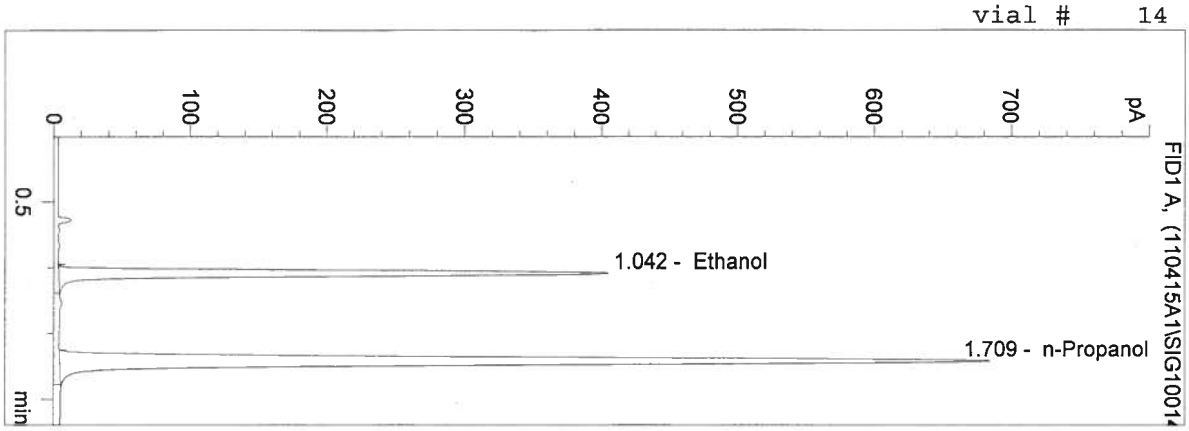
AL 20110415
AL 20110504

WASHINGTON STATE TOXICOLOGY LABORATORY

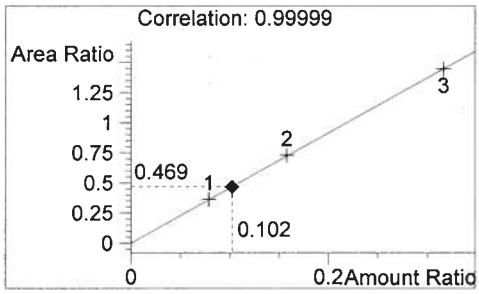
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:50:42 AM
Instrument 1
DB-ALC1

11012 #5
asa louis

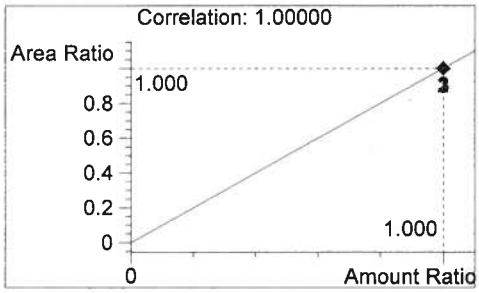
vial # 14



#	Compound	Area	RT
1	Ethanol	1246	1.042
2	n-Propanol	2657	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

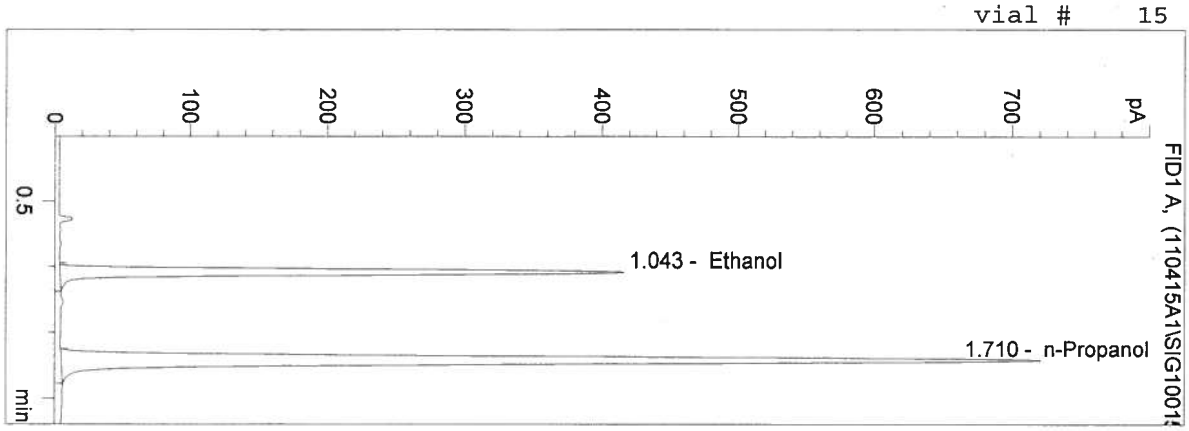
AL 20110415
AL 20110504

WASHINGTON STATE TOXICOLOGY LABORATORY

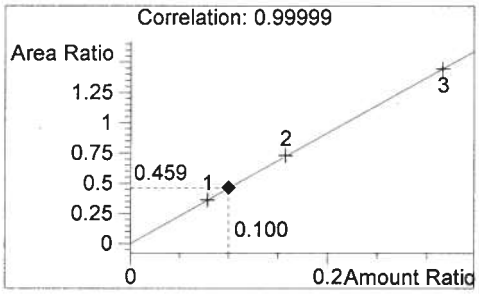
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:53:47 AM
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

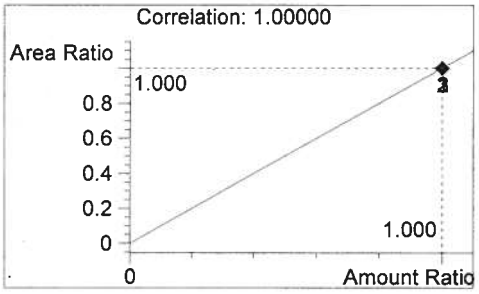
vial # 15



#	Compound	Area	RT
1	Ethanol	1287	1.043
2	n-Propanol	2805	1.710
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11012

AL 20110415

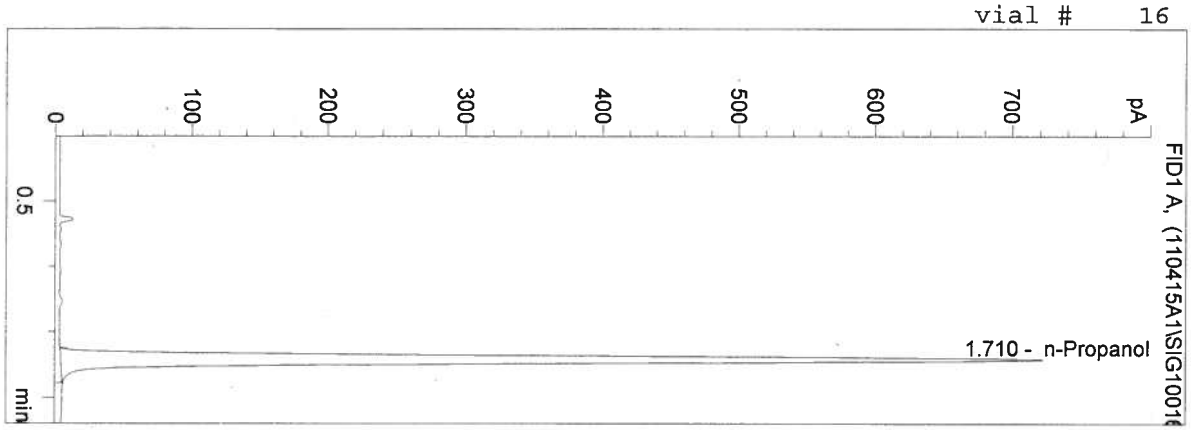
AL 20110504

WASHINGTON STATE TOXICOLOGY LABORATORY

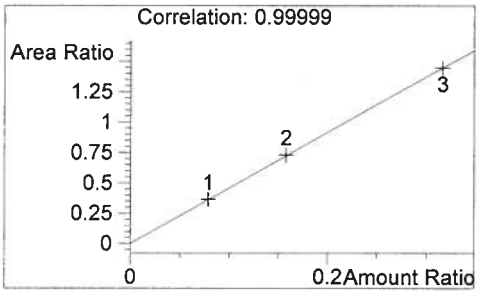
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 8:56:51 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

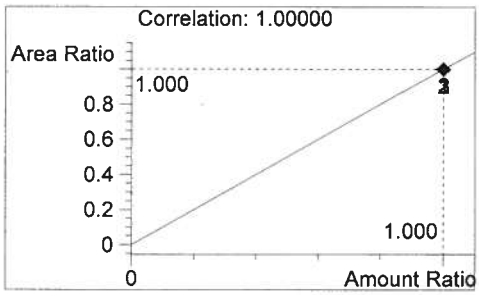
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2815	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

AL 20110415

AL 20110504

Sequence Parameters:

Operator:	Dawn Cox
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110415DC
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A073849 - exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-DC	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-DC	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-DC	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		
10	Vial 10	11012 #1	SIMALC1	1	Sample		
11	Vial 11	11012 #2	SIMALC1	1	Sample		
12	Vial 12	11012 #3	SIMALC1	1	Sample		
13	Vial 13	11012 #4	SIMALC1	1	Sample		
14	Vial 14	11012 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-DC	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

11012

Sequence Table (Back Injector):

No entries - empty table!

DC

11012

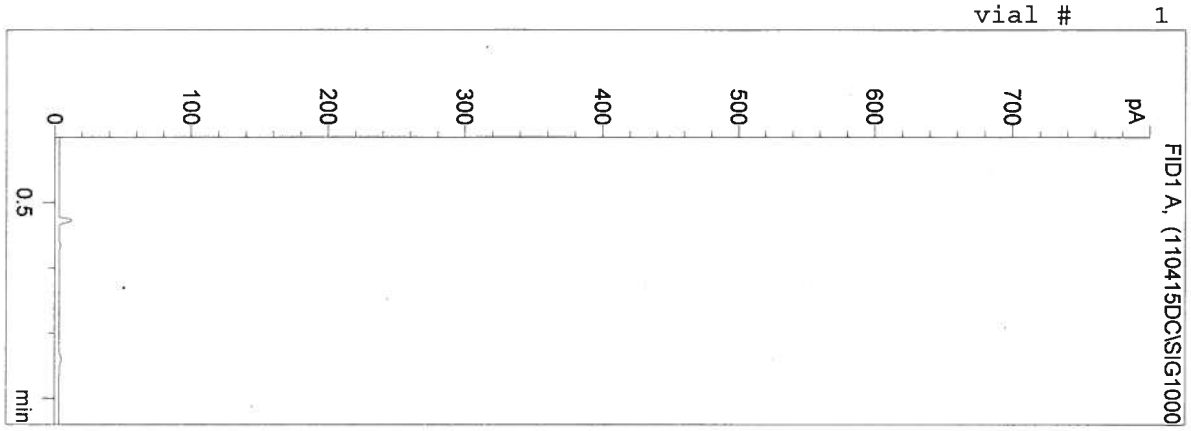
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

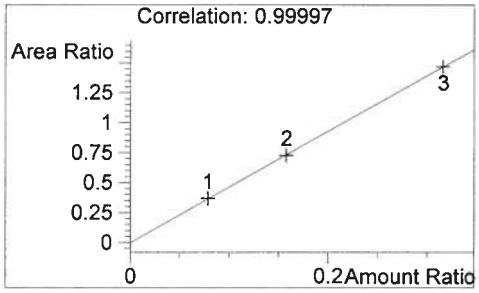
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:21:09 AM
Instrument 1
DB-ALC1

BLANK
Dawn Cox

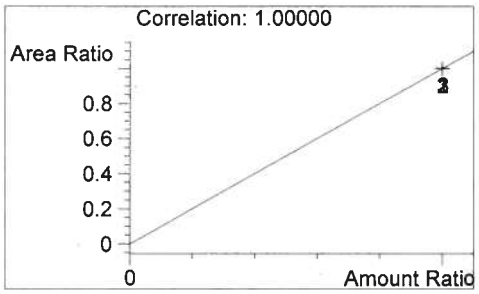
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11012

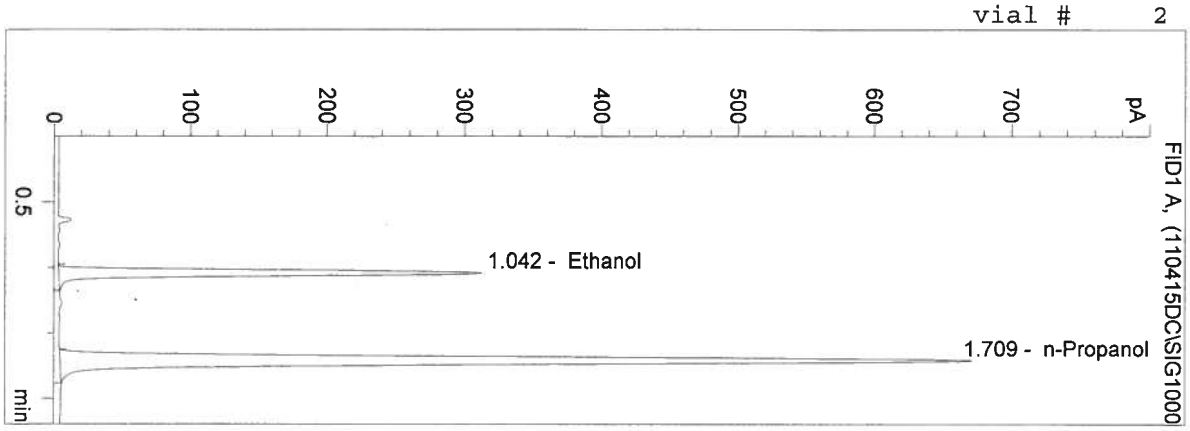
AC

WASHINGTON STATE TOXICOLOGY LABORATORY

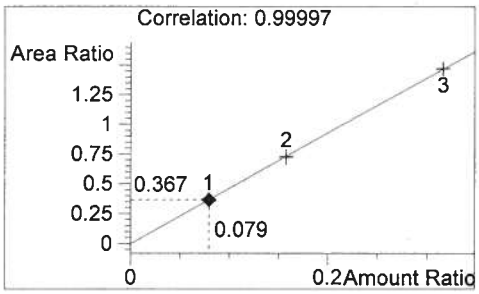
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:24:14 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Dawn Cox

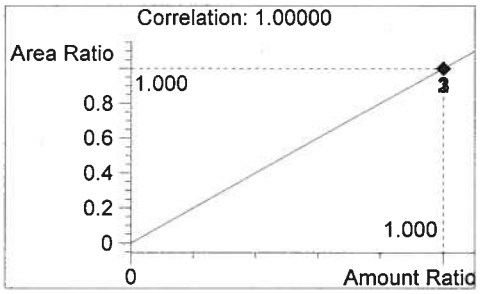
vial # 2



#	Compound	Area	RT
1	Ethanol	956	1.042
2	n-Propanol	2605	1.709
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11012

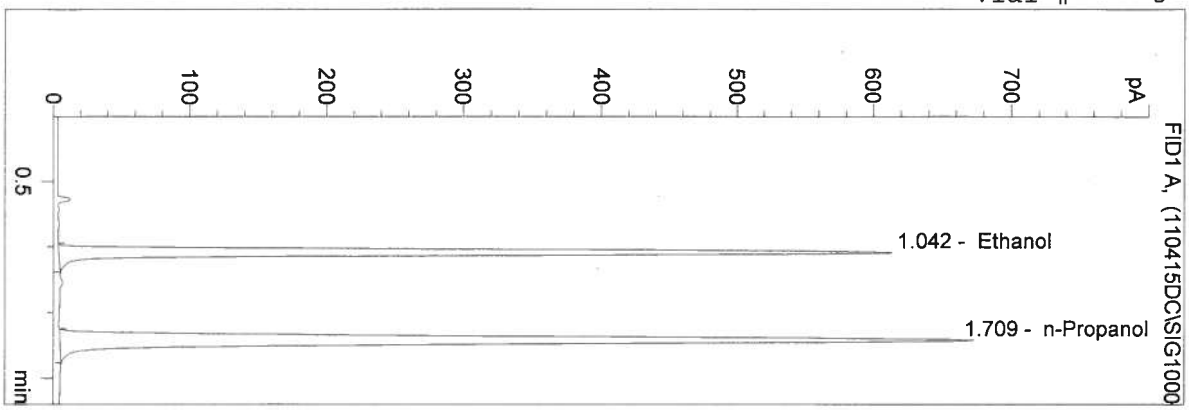
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

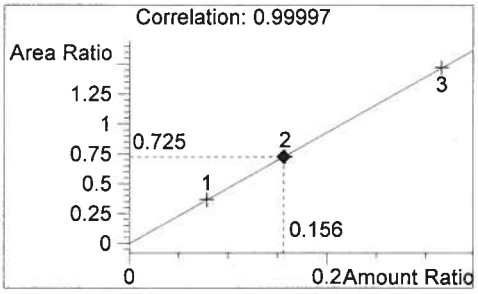
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:27:19 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Dawn Cox

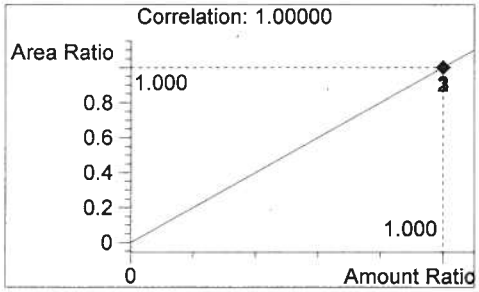
vial # 3



#	Compound	Area	RT
1	Ethanol	1888	1.042
2	n-Propanol	2604	1.709
Tot			



Ethanol 0.156 g/100 mL



n-Propanol 1.000 g/100 mL

11012

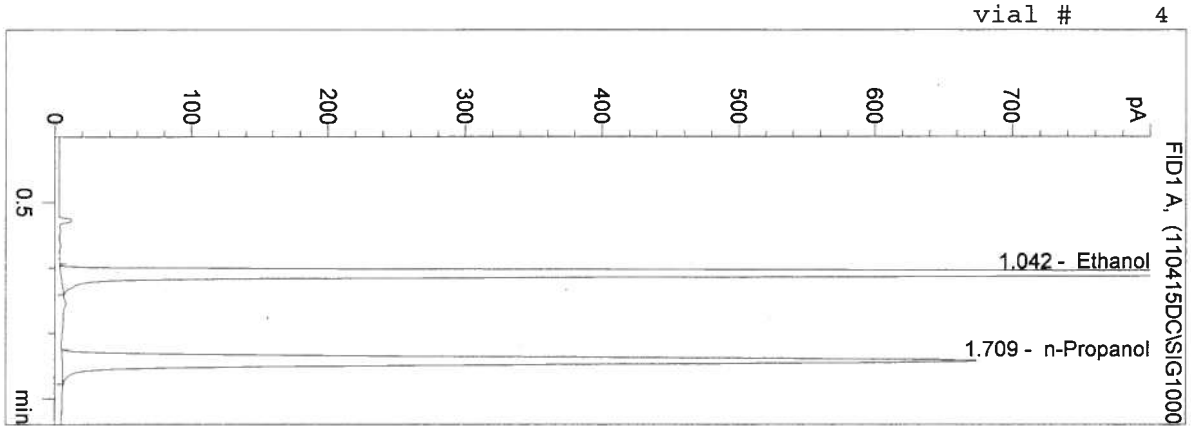
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

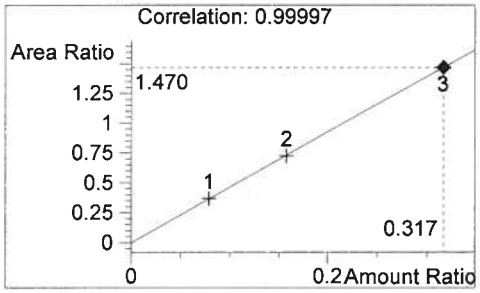
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:30:23 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Dawn Cox

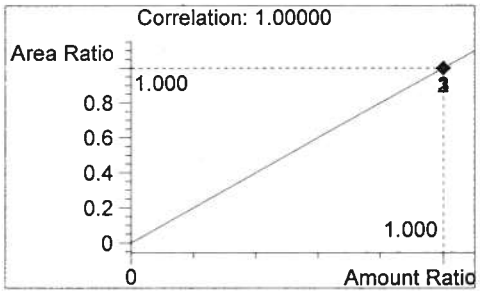
vial # 4



#	Compound	Area	RT
1	Ethanol	3845	1.042
2	n-Propanol	2615	1.709
Tot			



Ethanol 0.317 g/100 mL



n-Propanol 1.000 g/100 mL

11012

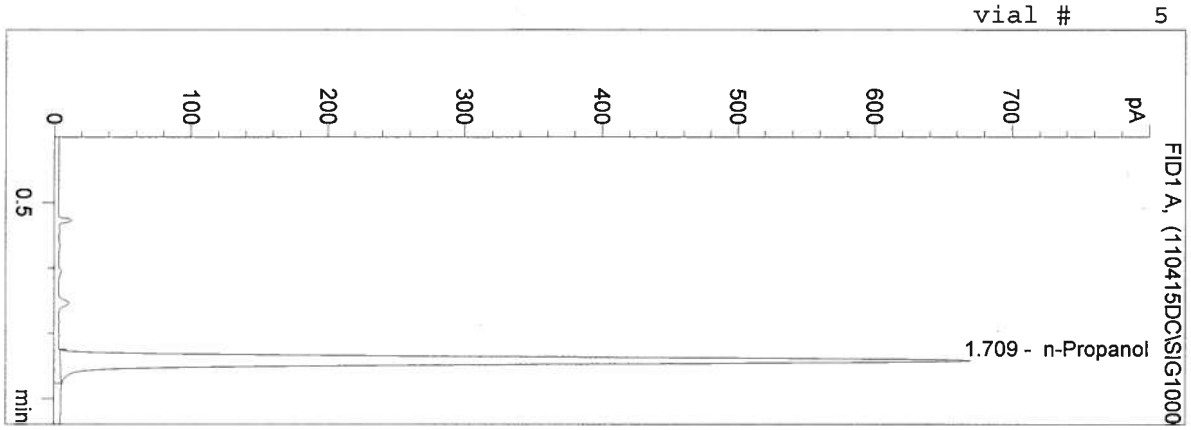
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

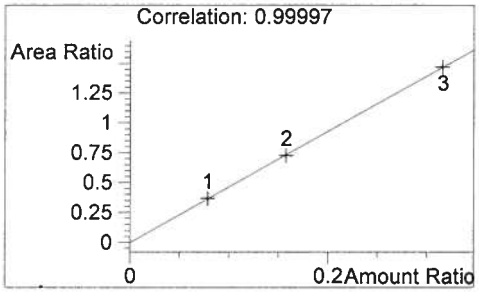
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:33:28 AM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

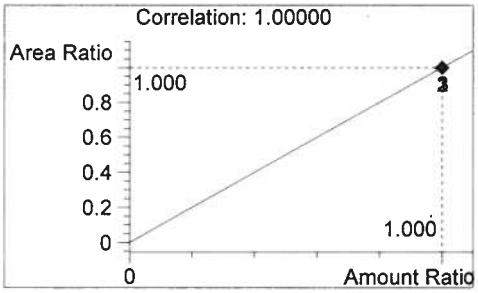
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2596	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

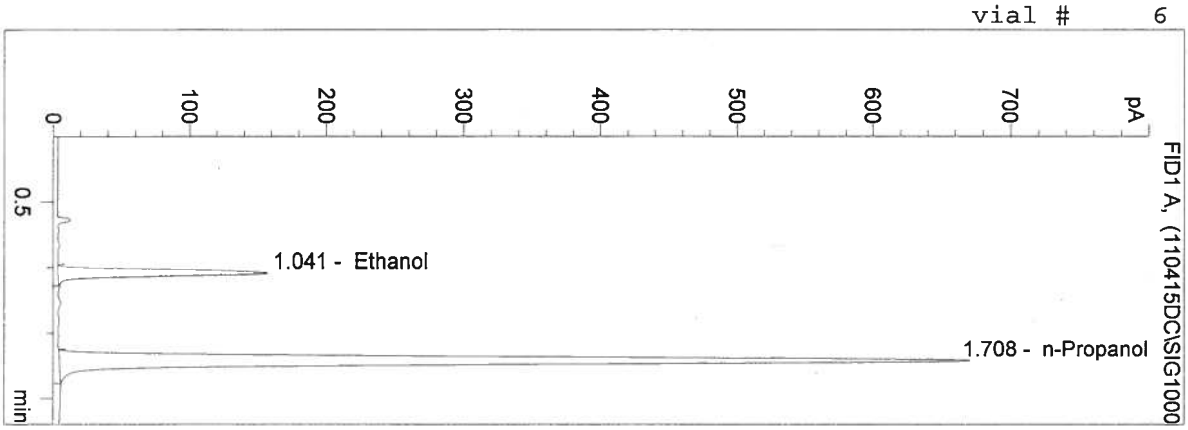
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

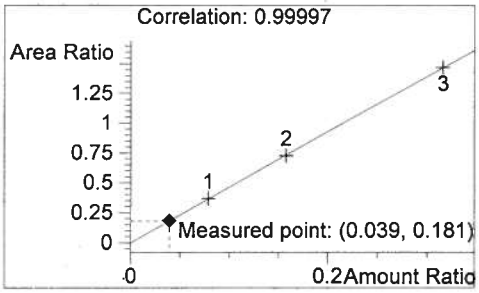
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:36:33 AM
Instrument 1
DB-ALC1

0.04 CTRL-DC
Dawn Cox

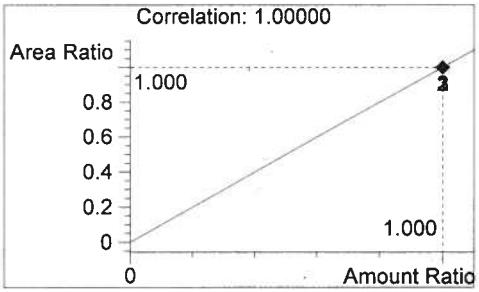
vial # 6



#	Compound	Area	RT
1	Ethanol	470	1.041
2	n-Propanol	2597	1.708
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

11012

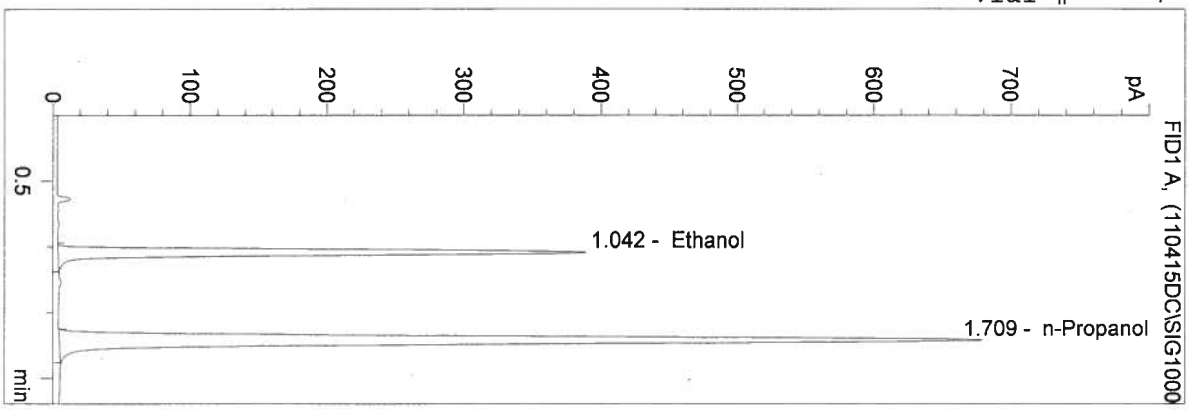
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

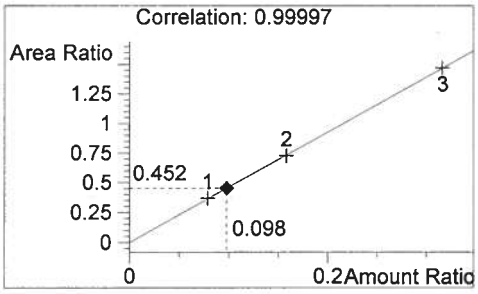
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:39:37 AM
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

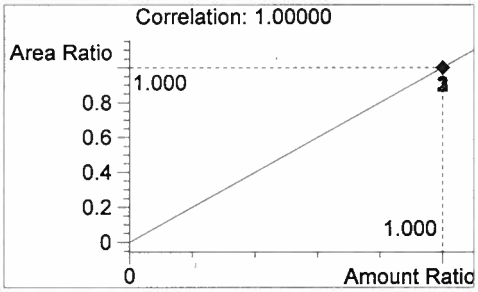
vial # 7



#	Compound	Area	RT
1	Ethanol	1191	1.042
2	n-Propanol	2634	1.709
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

11012

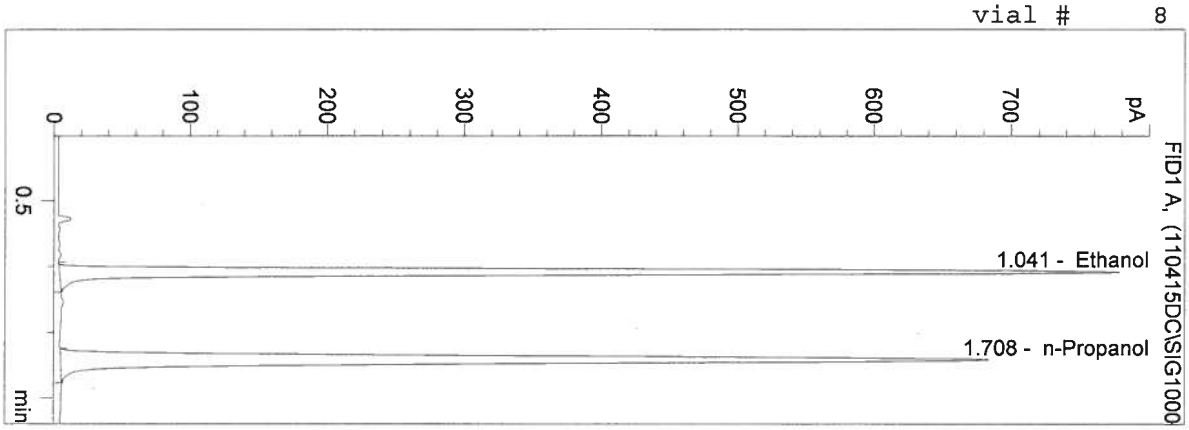
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

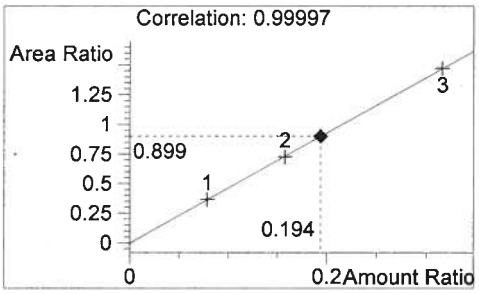
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:42:42 AM
Instrument 1
DB-ALC1

0.20 CTRL-DC
Dawn Cox

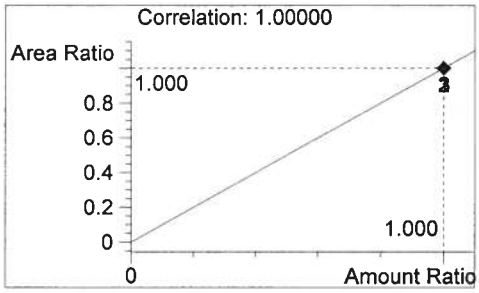
vial # 8



#	Compound	Area	RT
1	Ethanol	2380	1.041
2	n-Propanol	2646	1.708
Tot			



Ethanol 0.194 g/100 mL



n-Propanol 1.000 g/100 mL

11012

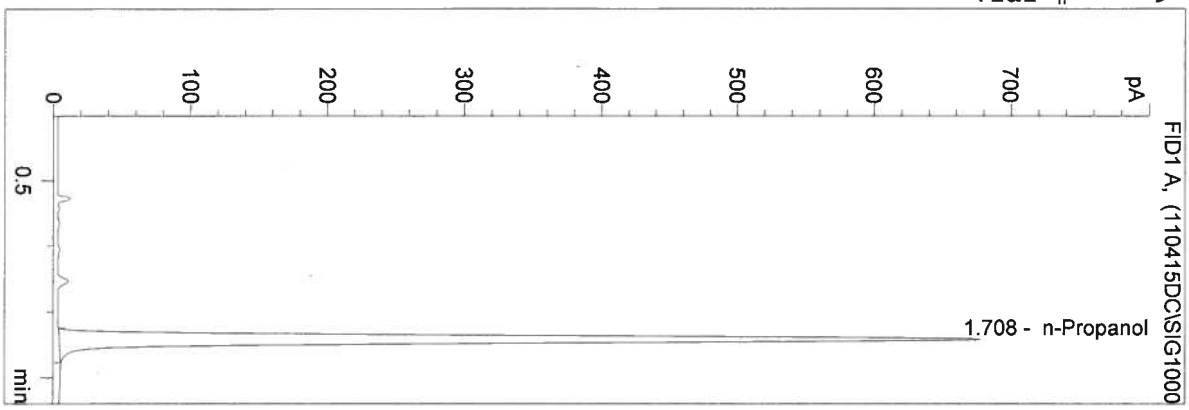
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

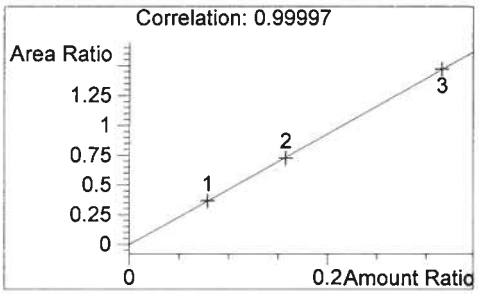
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:45:47 AM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

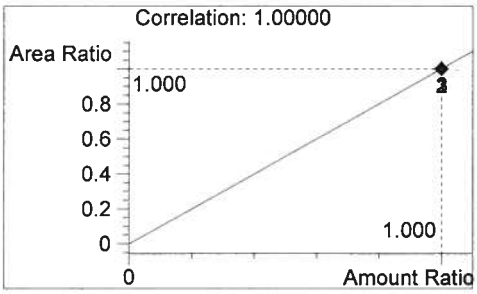
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2621	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

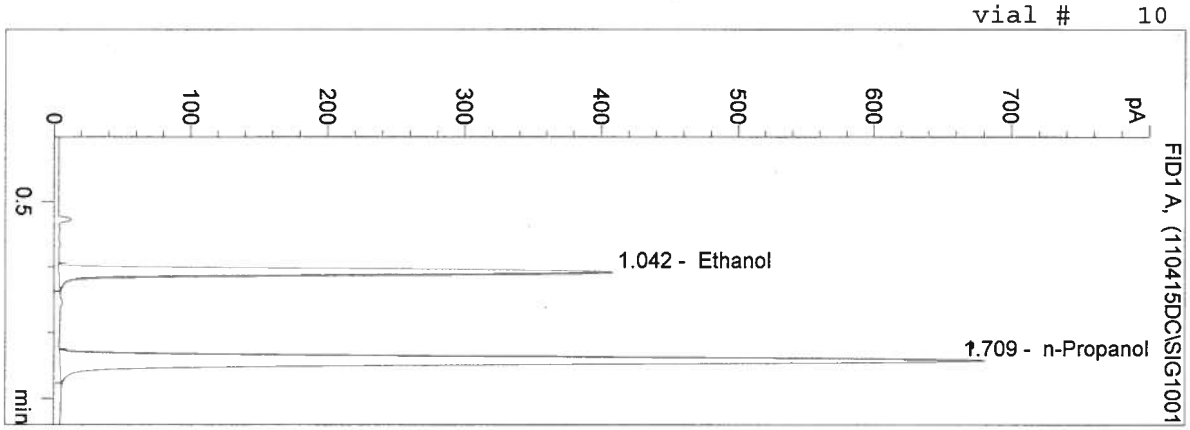
BC

WASHINGTON STATE TOXICOLOGY LABORATORY

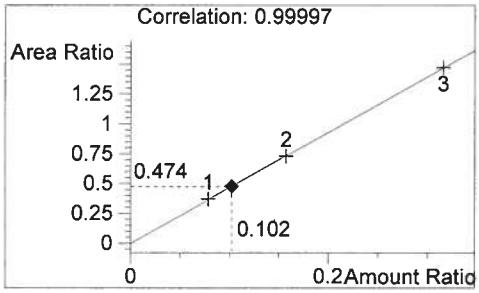
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:48:52 AM
Instrument 1
DB-ALC1

11012 #1
Dawn Cox

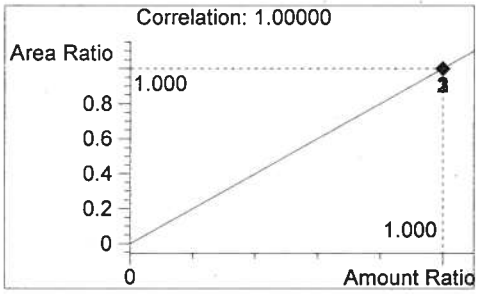
vial # 10



#	Compound	Area	RT
1	Ethanol	1250	1.042
2	n-Propanol	2640	1.709
Tot			



Ethanol 0.102 g/100 mL



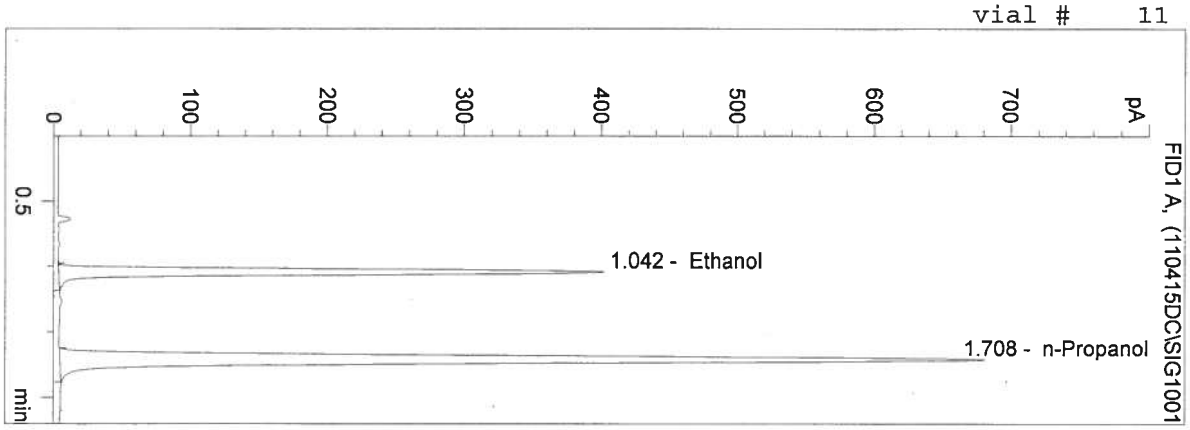
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

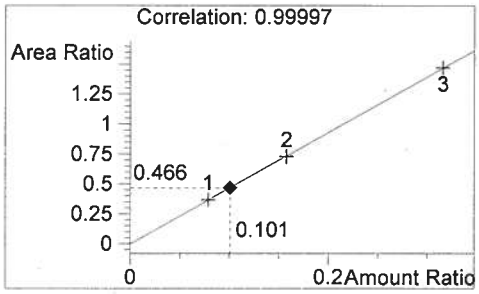
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:51:57 AM
Instrument 1
DB-ALC1

11012 #2
Dawn Cox

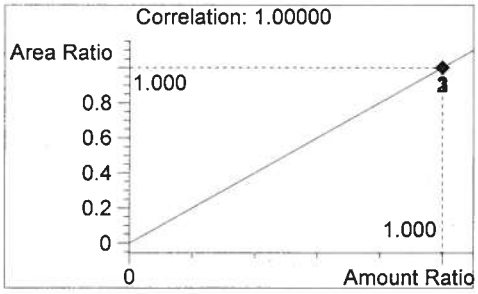
vial # 11



#	Compound	Area	RT
1	Ethanol	1231	1.042
2	n-Propanol	2640	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

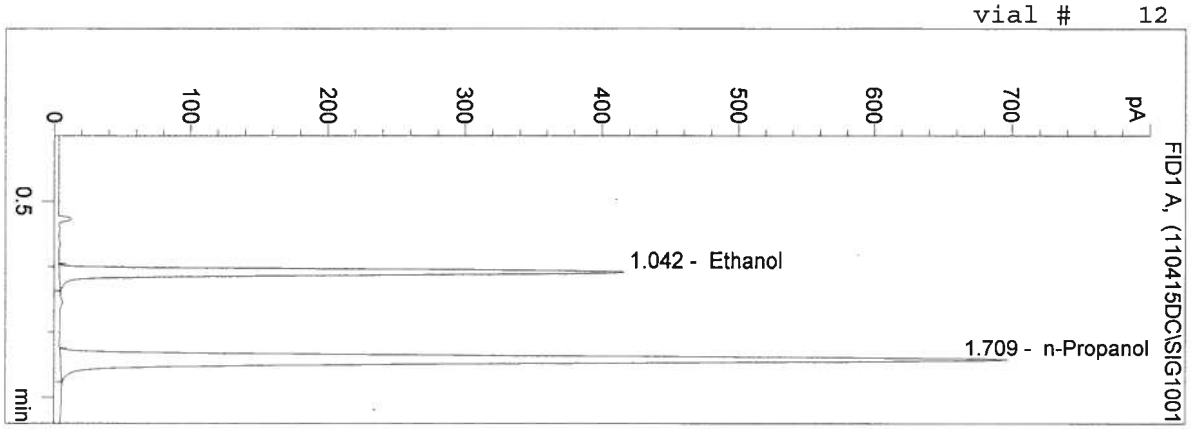
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

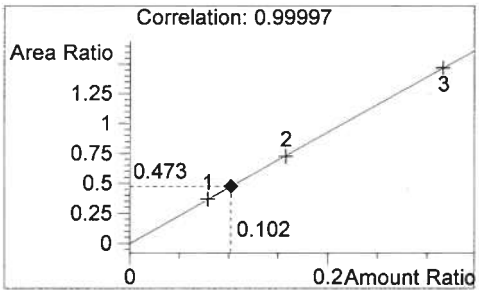
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:55:01 AM
Instrument 1
DB-ALC1

11012 #3
Dawn Cox

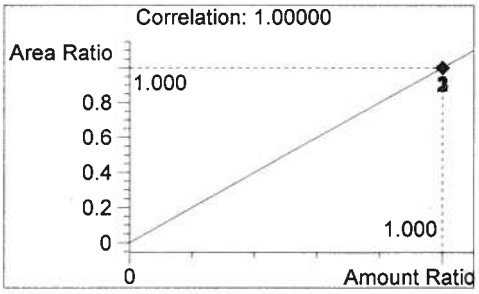
vial # 12



#	Compound	Area	RT
1	Ethanol	1277	1.042
2	n-Propanol	2704	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

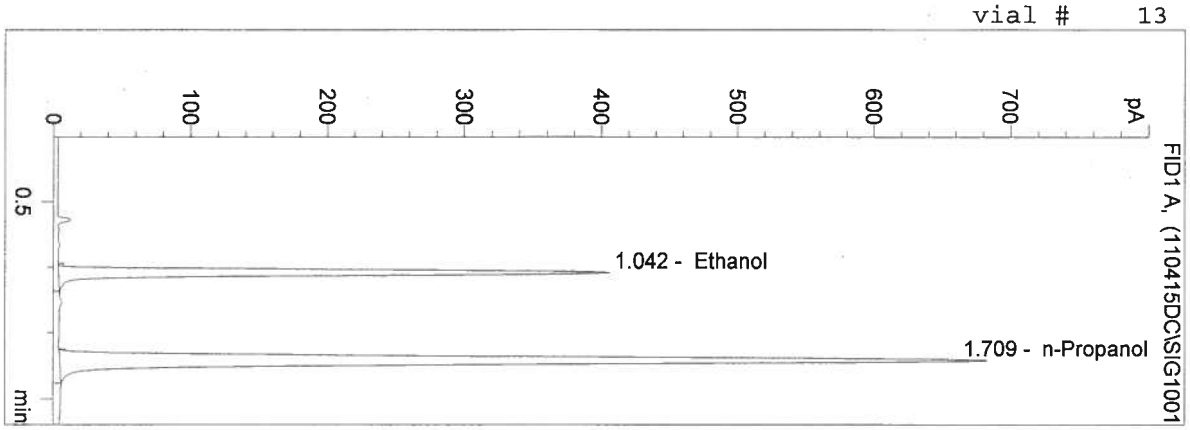
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

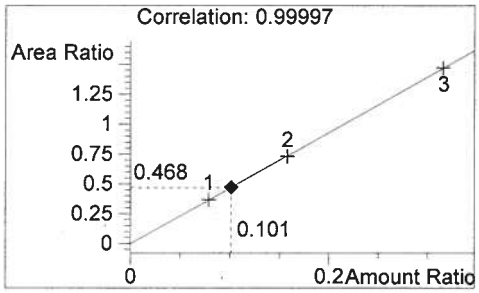
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 9:58:06 AM
Instrument 1
DB-ALC1

11012 #4
Dawn Cox

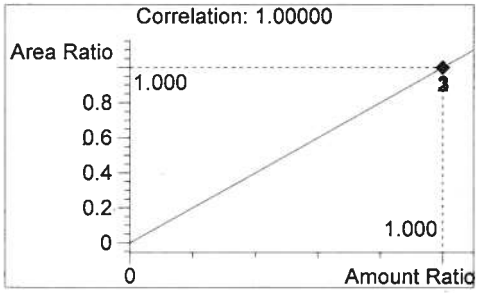
vial # 13



#	Compound	Area	RT
1	Ethanol	1238	1.042
2	n-Propanol	2646	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

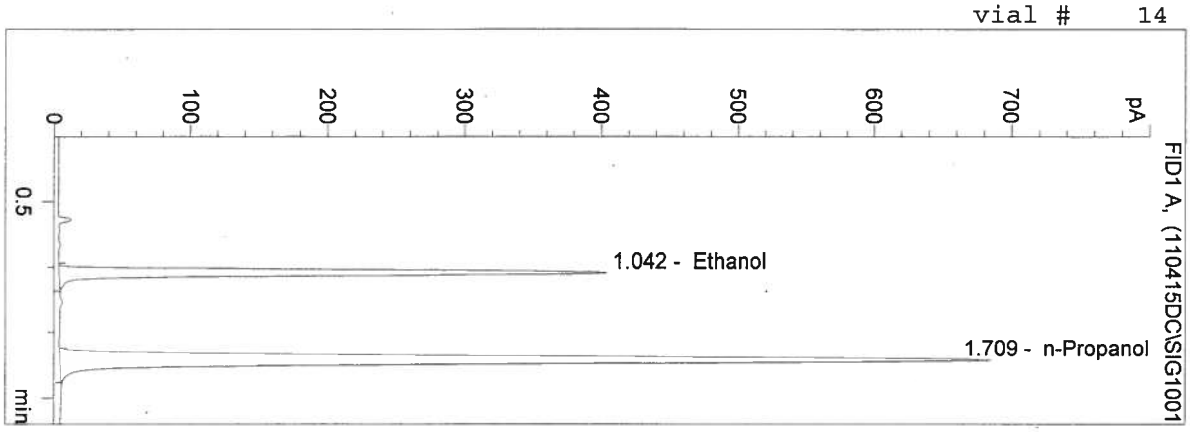
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

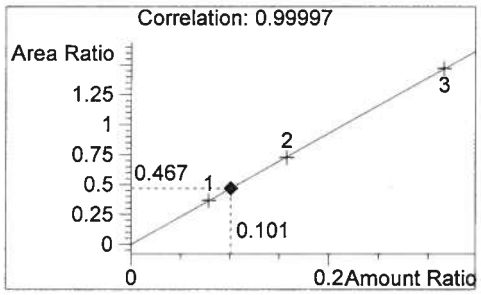
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:01:11 AM
Instrument 1
DB-ALC1

11012 #5
Dawn Cox

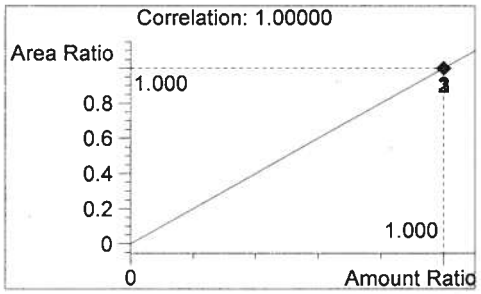
vial # 14



#	Compound	Area	RT
1	Ethanol	1241	1.042
2	n-Propanol	2656	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

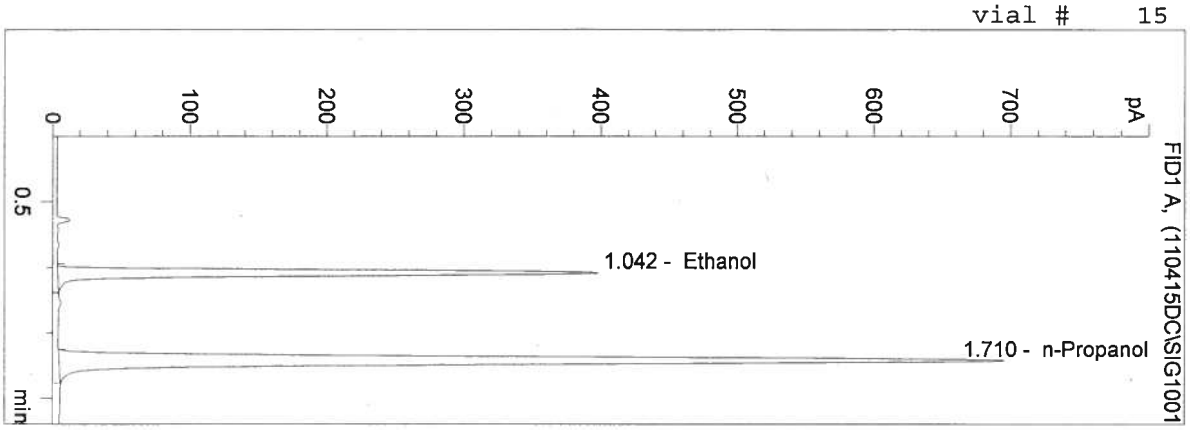
DL

WASHINGTON STATE TOXICOLOGY LABORATORY

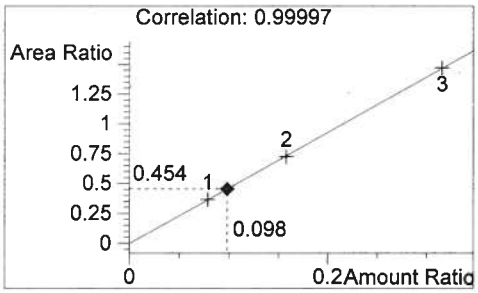
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:04:16 AM
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

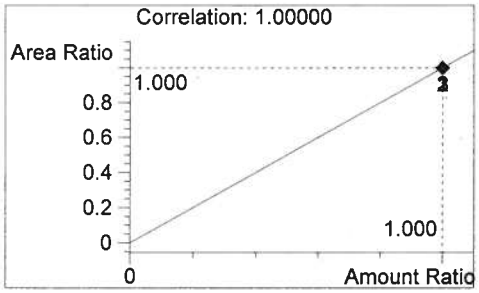
vial # 15



#	Compound	Area	RT
1	Ethanol	1231	1.042
2	n-Propanol	2709	1.710
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

11012

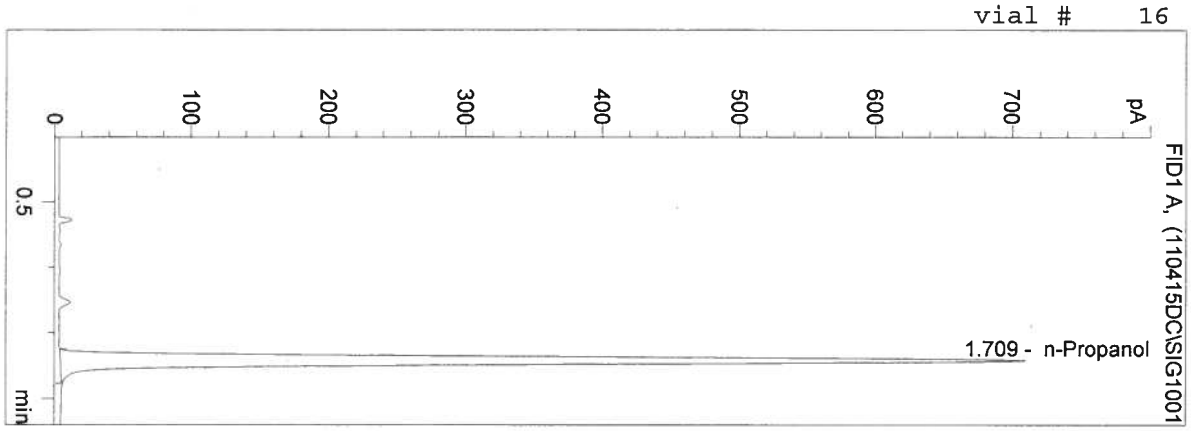
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

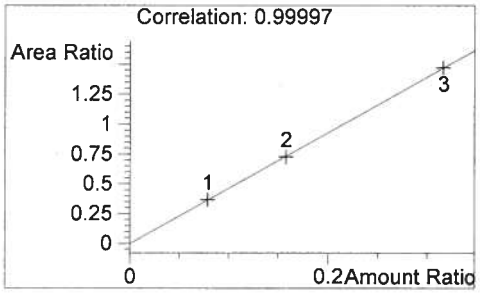
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:07:20 AM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

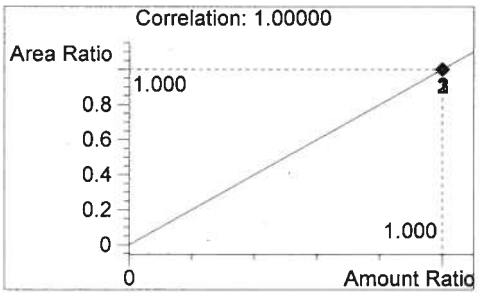
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2762	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

DC

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

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110415CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 exp 10/2014
0.10 control - Lot # A075806 exp 11/2014
0.20 control - Lot # A073849 exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 11013 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 11013 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 11013 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 11013 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 11013 #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		
17	Vial 17	ESS 11012 #1	SIMALC1	1	Sample		
18	Vial 18	ESS 11012 #2	SIMALC1	1	Sample		
19	Vial 19	ESS 11012 #3	SIMALC1	1	Sample		
20	Vial 20	ESS 11012 #4	SIMALC1	1	Sample		
21	Vial 21	ESS 11012 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		

E11012

CJ

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	

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

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

Sequence Table (Back Injector):

No entries - empty table!

11012

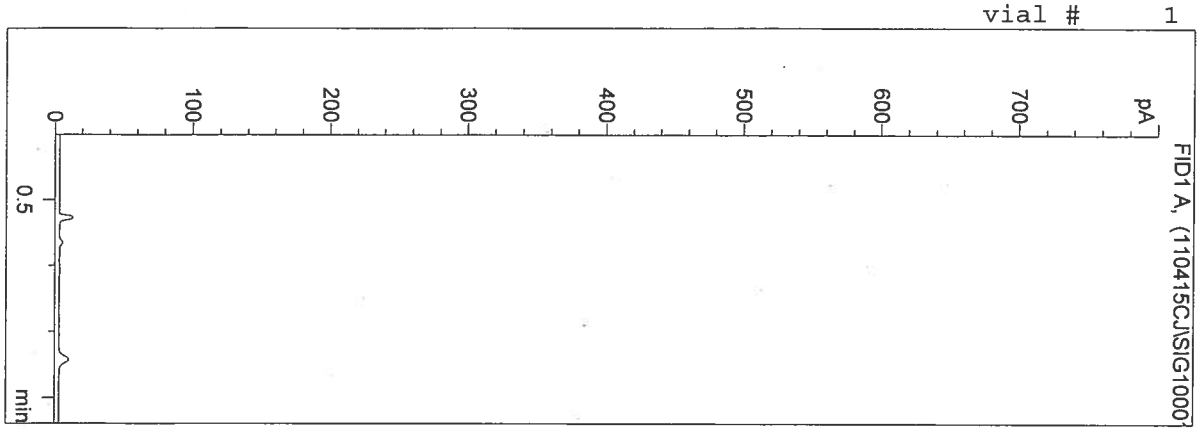
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

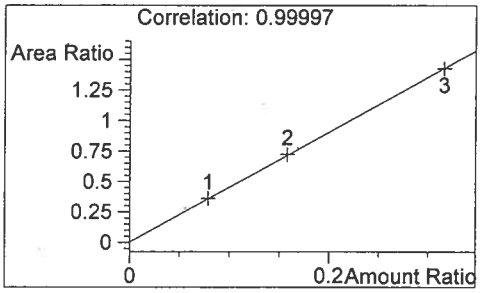
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:51:32 AM
Instrument 1
DB-ALC1

BLANK-CJ
Chris Johnston

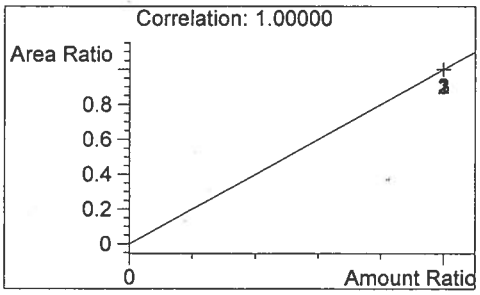
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11012

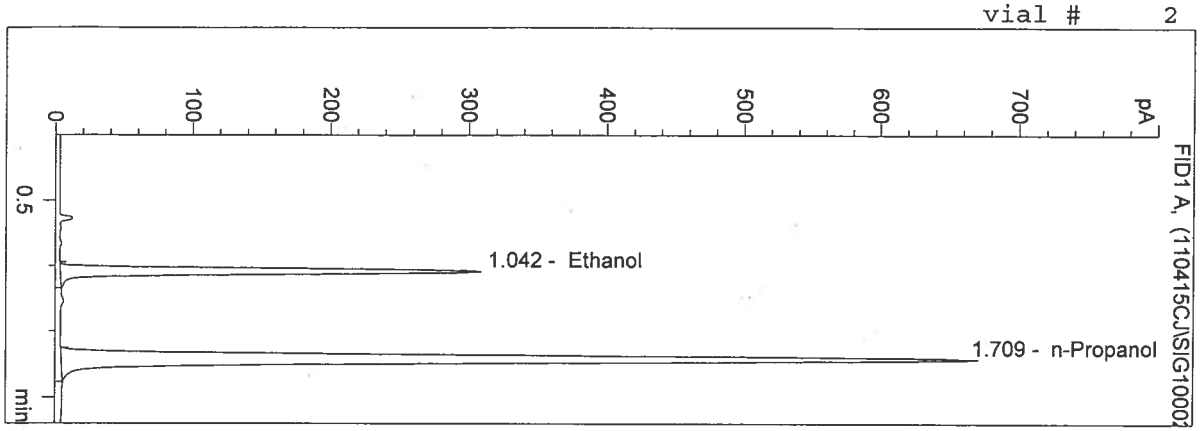
a

WASHINGTON STATE TOXICOLOGY LABORATORY

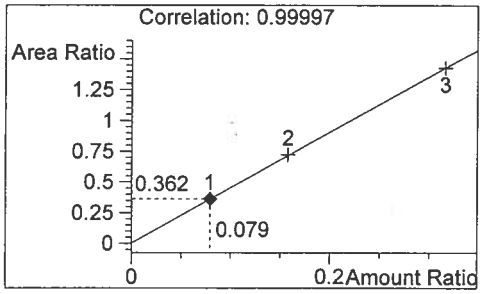
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:54:49 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Chris Johnston

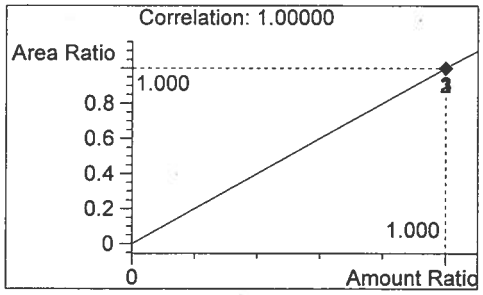
vial # 2



#	Compound	Area	RT
1	Ethanol	944	1.042
2	n-Propanol	2609	1.709
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11012

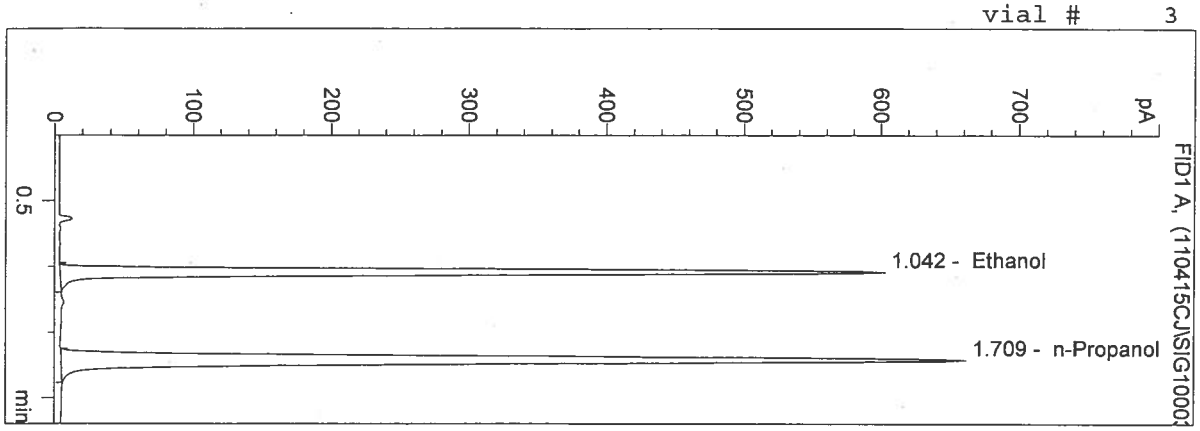
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

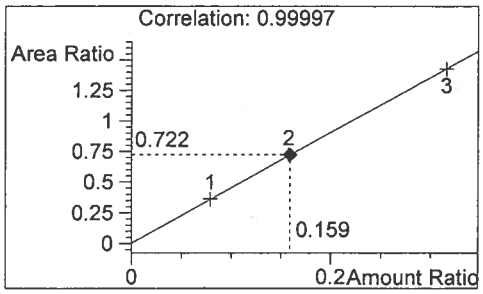
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:58:00 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Chris Johnston

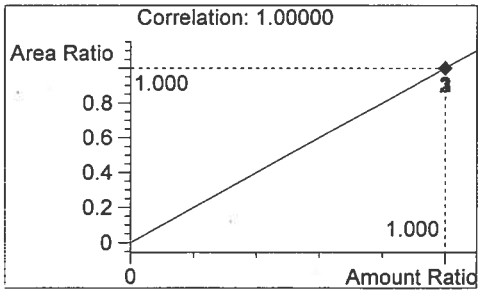
vial # 3



#	Compound	Area	RT
1	Ethanol	1850	1.042
2	n-Propanol	2561	1.709
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11012

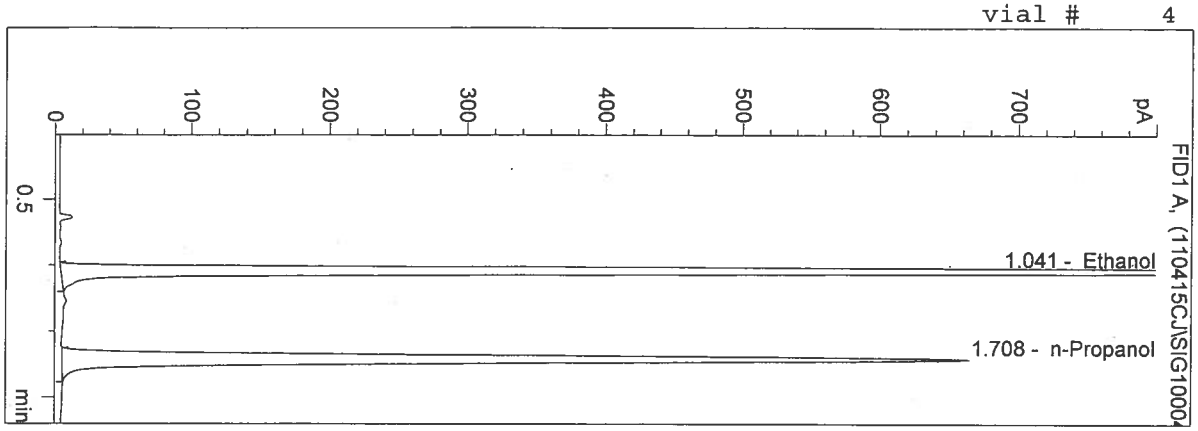
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

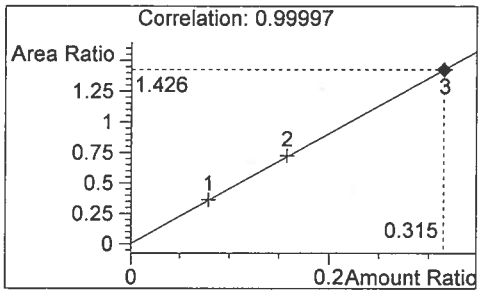
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:01:04 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Chris Johnston

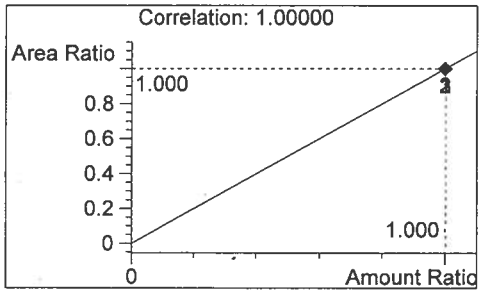
vial # 4



#	Compound	Area	RT
1	Ethanol	3666	1.041
2	n-Propanol	2571	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

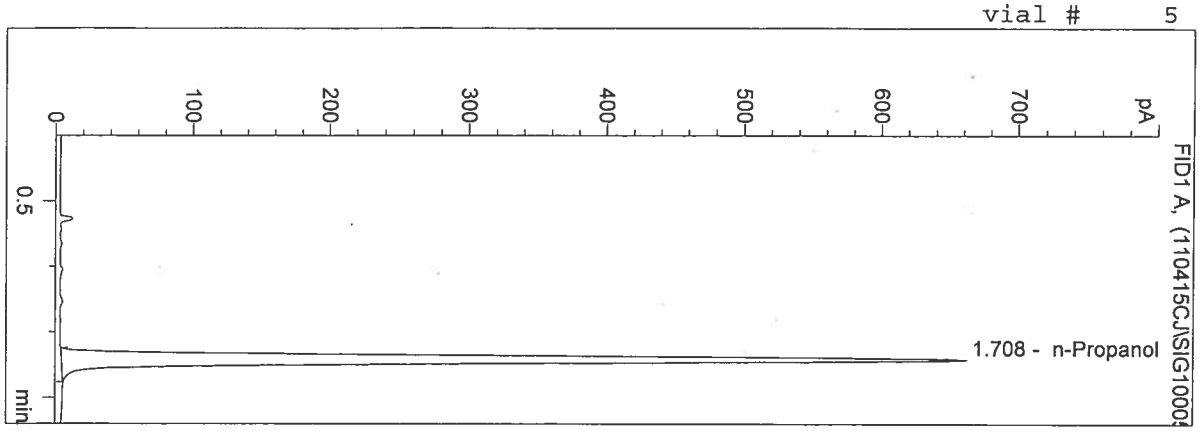
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

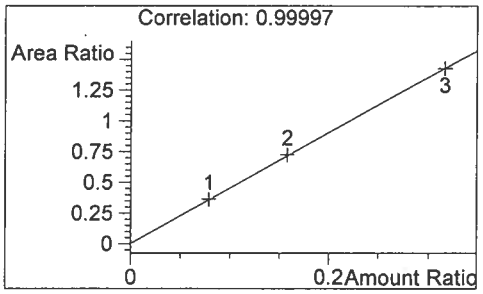
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:04:09 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

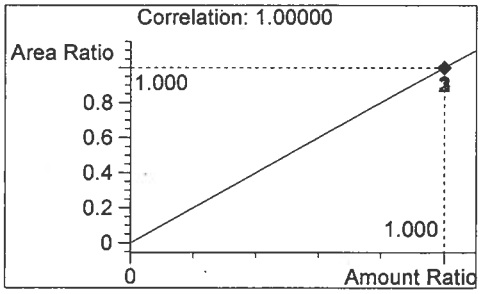
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2566	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

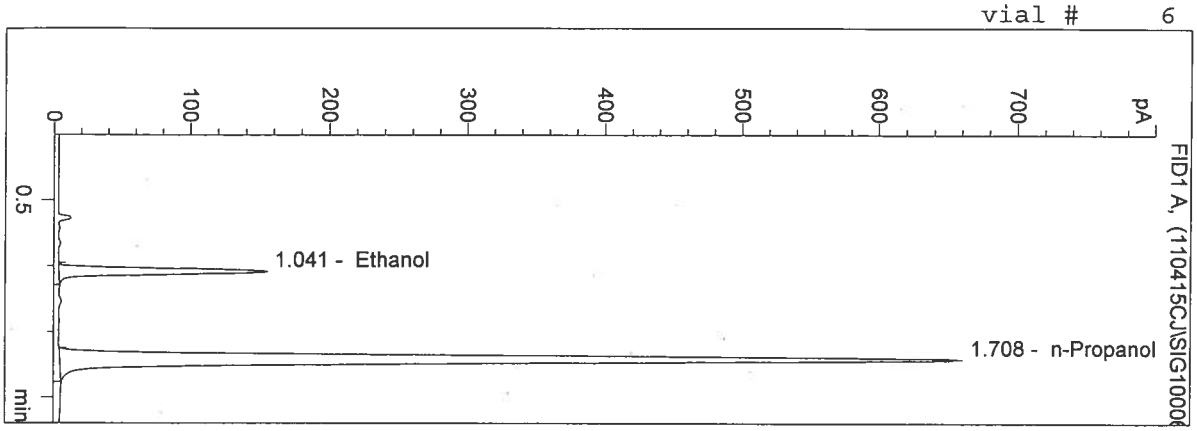
a

WASHINGTON STATE TOXICOLOGY LABORATORY

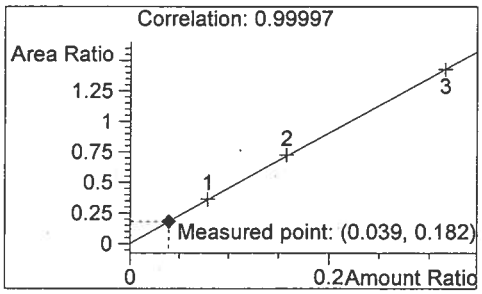
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:07:14 PM
Instrument 1
DB-ALC1

0.04 CTRL-CJ
Chris Johnston

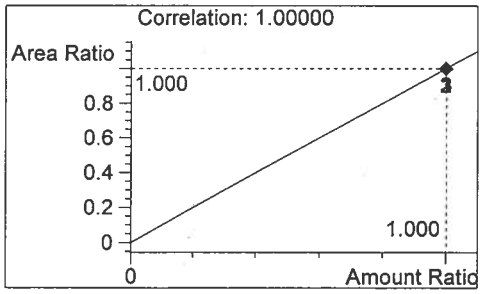
vial # 6



#	Compound	Area	RT
1	Ethanol	465	1.041
2	n-Propanol	2561	1.708
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

11012

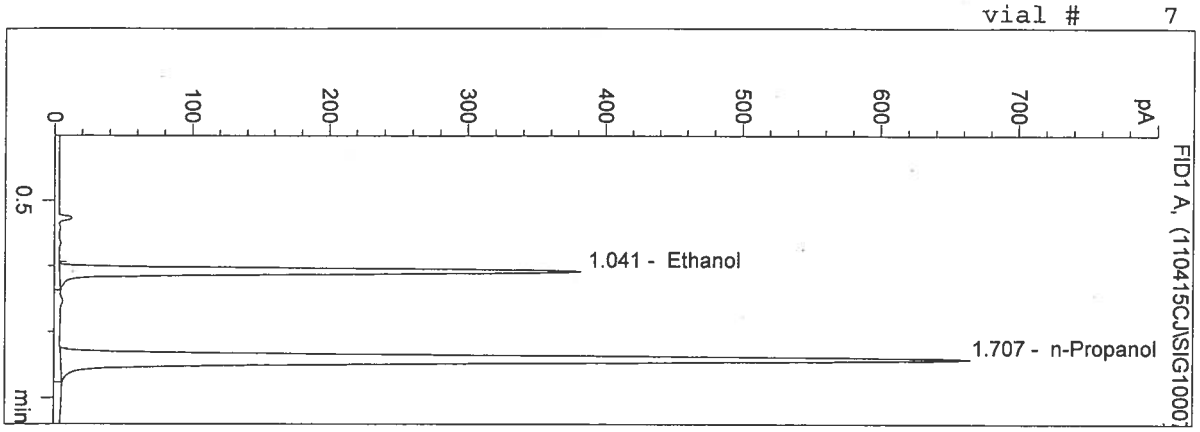
a/

WASHINGTON STATE TOXICOLOGY LABORATORY

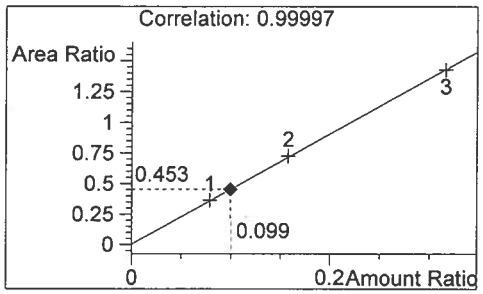
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:10:19 PM
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

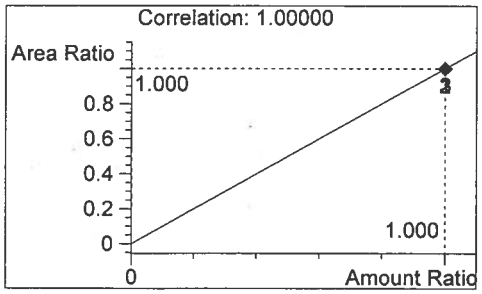
vial # 7



#	Compound	Area	RT
1	Ethanol	1165	1.041
2	n-Propanol	2573	1.707
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11012

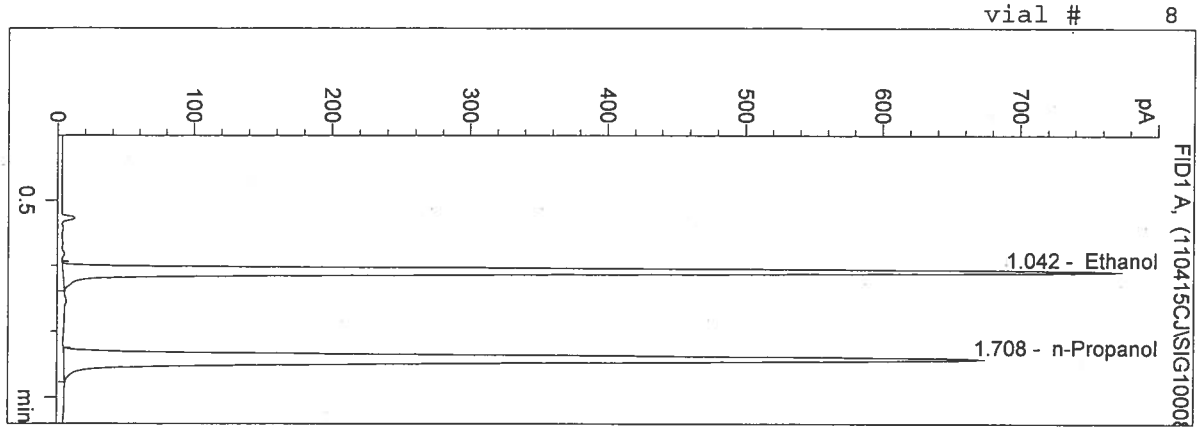
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

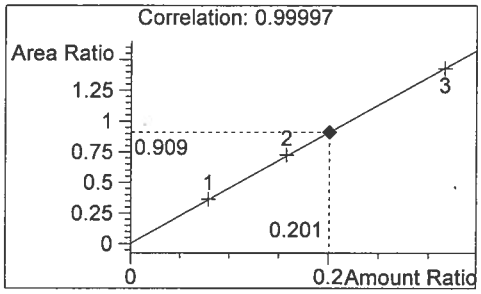
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:13:23 PM
Instrument 1
DB-ALC1

0.20 CTRL-CJ
Chris Johnston

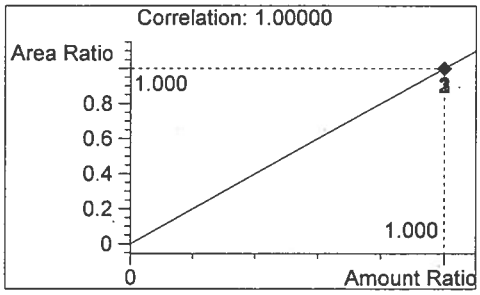
vial # 8



#	Compound	Area	RT
1	Ethanol	2373	1.042
2	n-Propanol	2612	1.708
Tot			



Ethanol 0.201 g/100 mL



n-Propanol 1.000 g/100 mL

11012

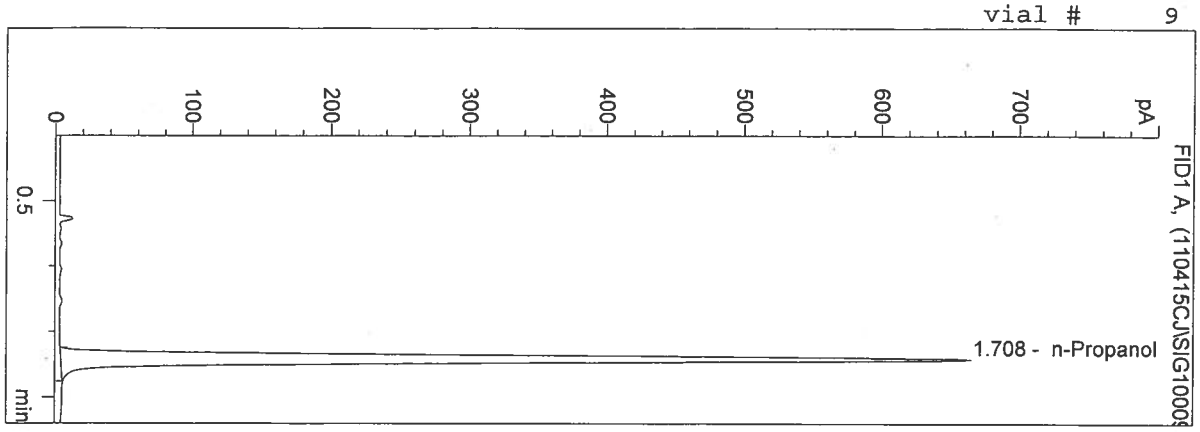
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

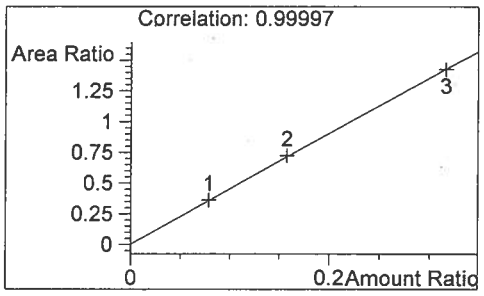
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:16:28 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

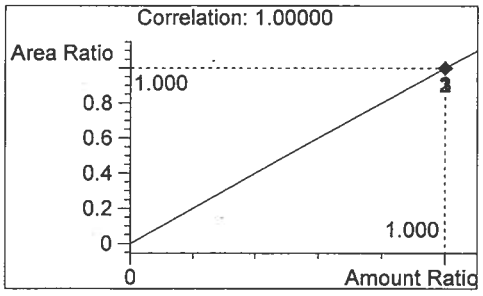
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2579	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

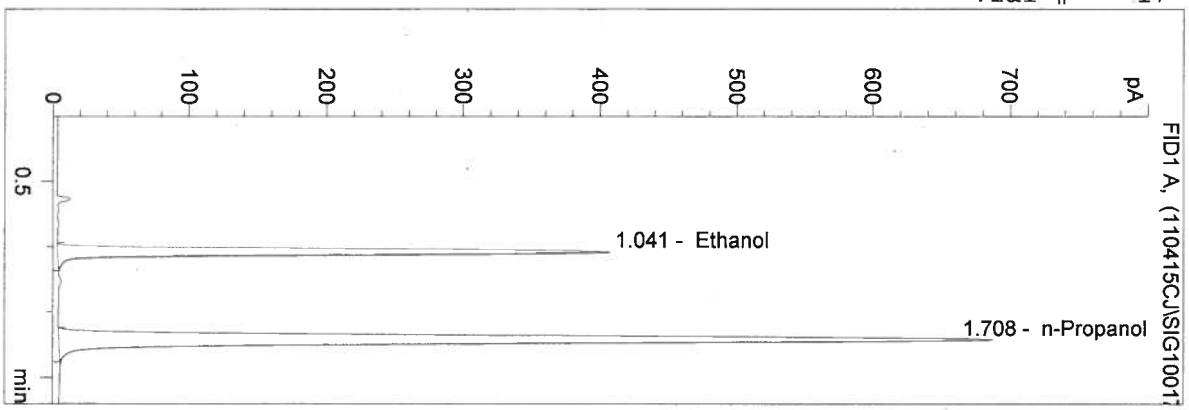
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

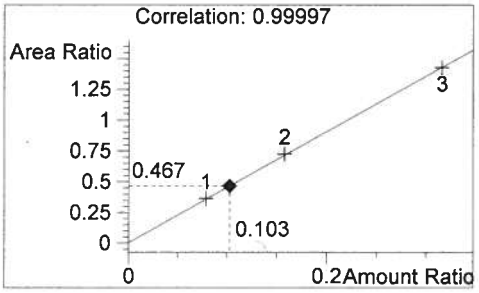
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:41:06 PM
Instrument 1
DB-ALC1

ESS 11012 #1
Chris Johnston

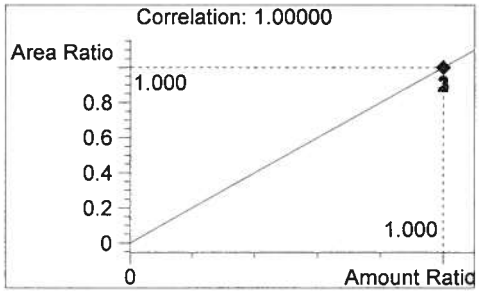
vial # 17



#	Compound	Area	RT
1	Ethanol	1242	1.041
2	n-Propanol	2658	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

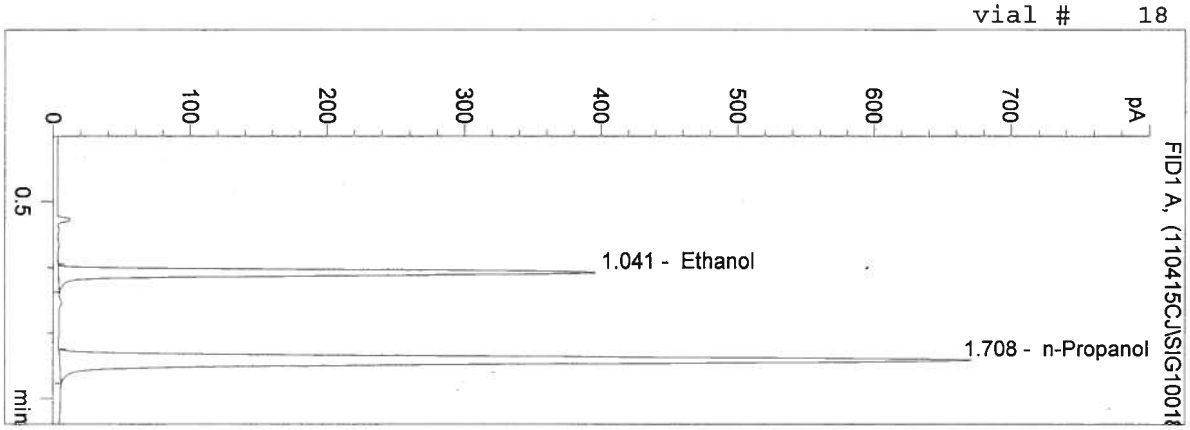
GJ

WASHINGTON STATE TOXICOLOGY LABORATORY

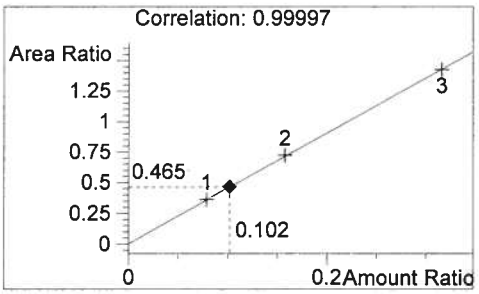
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:44:11 PM
Instrument 1
DB-ALC1

ESS 11012 #2
Chris Johnston

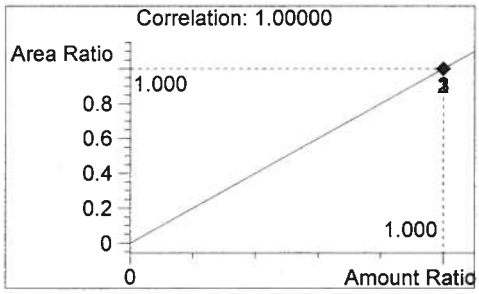
vial # 18



#	Compound	Area	RT
1	Ethanol	1207	1.041
2	n-Propanol	2598	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

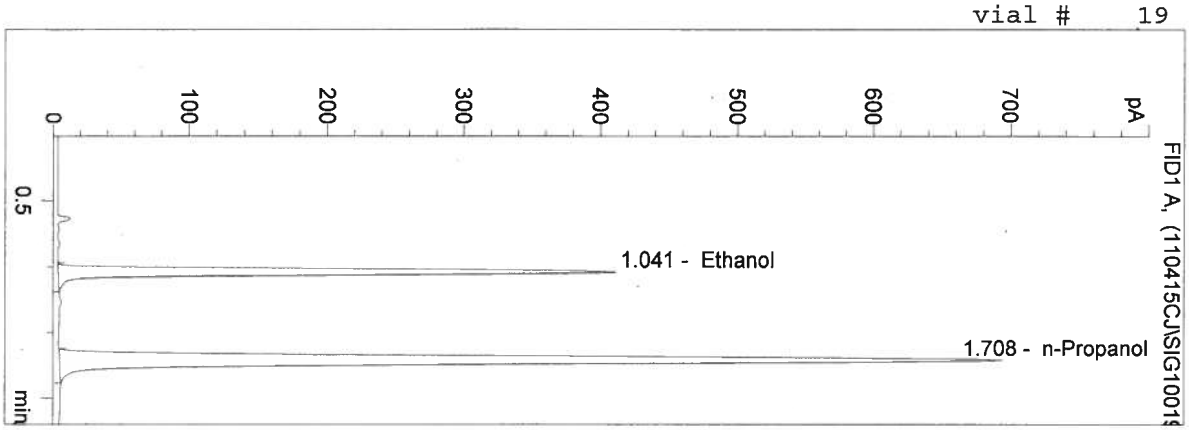
cl

WASHINGTON STATE TOXICOLOGY LABORATORY

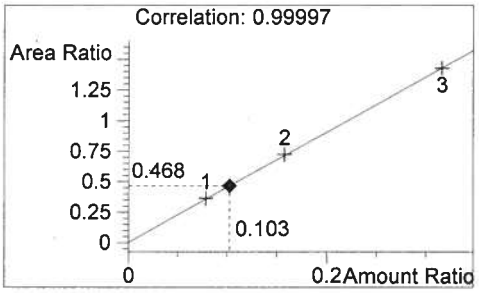
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:47:16 PM
Instrument 1
DB-ALC1

ESS 11012 #3
Chris Johnston

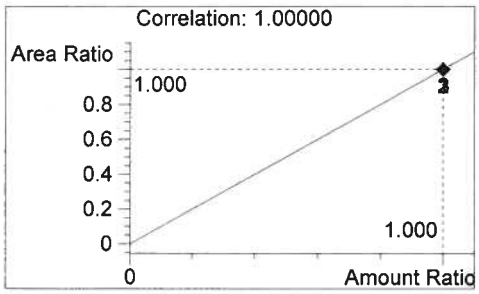
vial # 19



#	Compound	Area	RT
1	Ethanol	1255	1.041
2	n-Propanol	2683	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

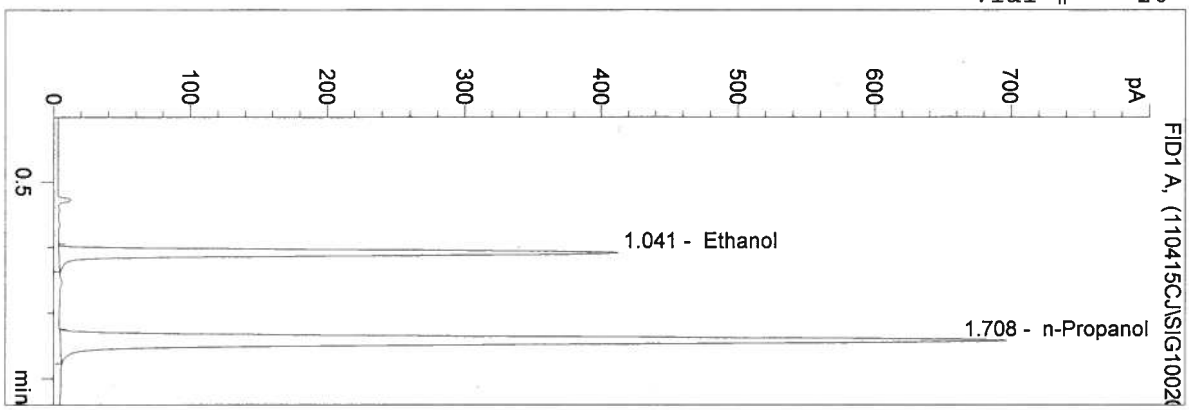
cl

WASHINGTON STATE TOXICOLOGY LABORATORY

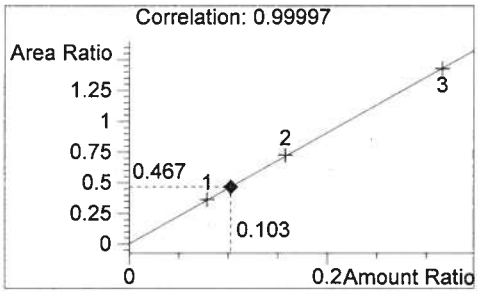
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:50:21 PM
Instrument 1
DB-ALC1

ESS 11012 #4
Chris Johnston

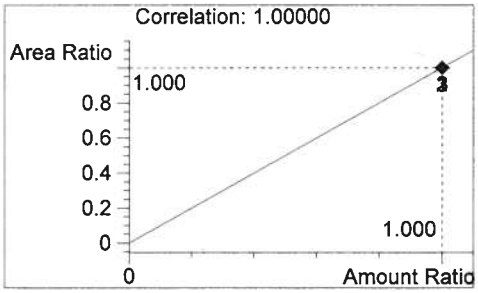
vial # 20



#	Compound	Area	RT
1	Ethanol	1260	1.041
2	n-Propanol	2697	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

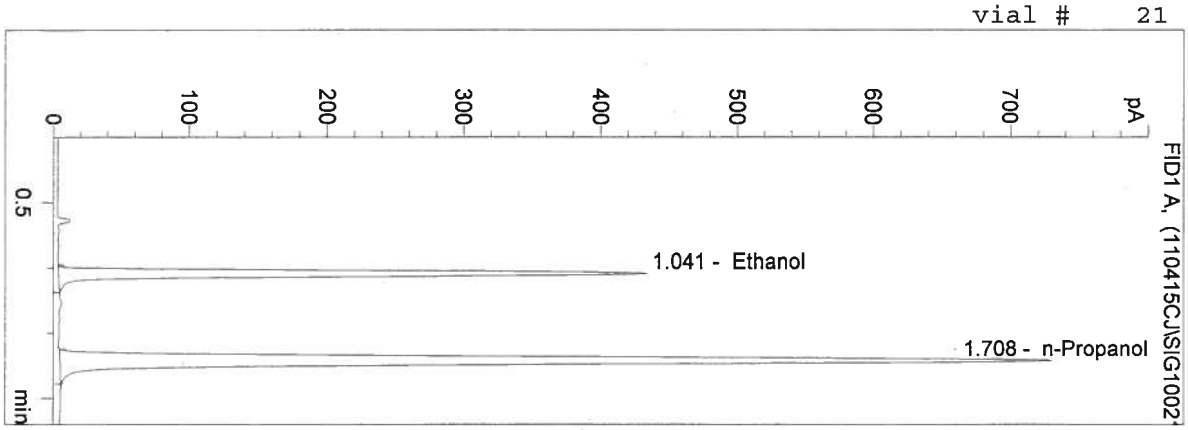
cl

WASHINGTON STATE TOXICOLOGY LABORATORY

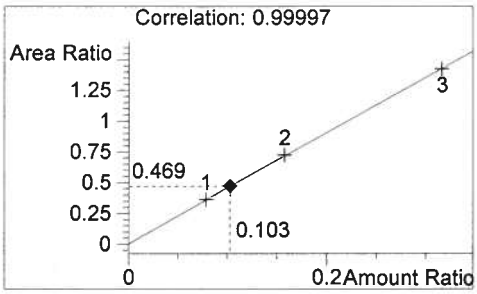
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:53:25 PM
Instrument 1
DB-ALC1

ESS 11012 #5
Chris Johnston

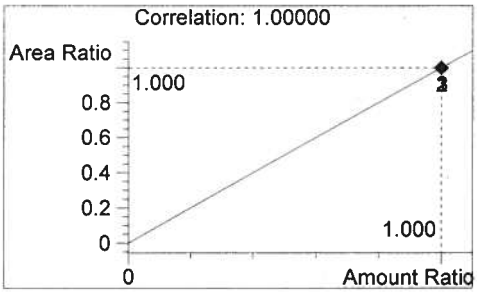
vial # 21



#	Compound	Area	RT
1	Ethanol	1326	1.041
2	n-Propanol	2827	1.708
Tot			



Ethanol 0.103 g/100 mL



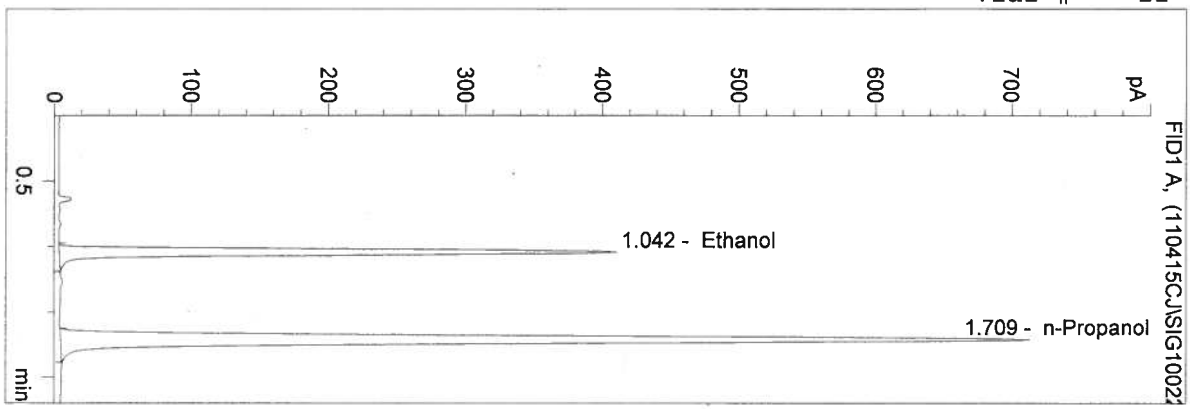
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

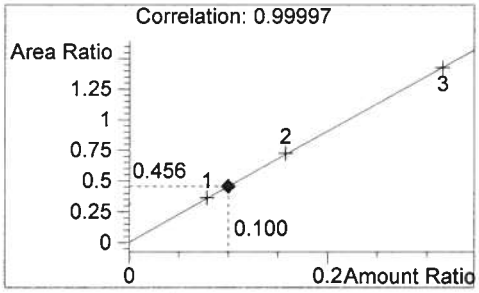
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:56:30 PM
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

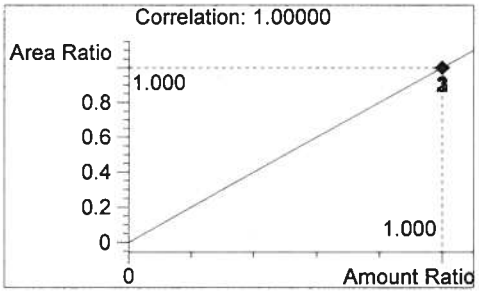
vial # 22



#	Compound	Area	RT
1	Ethanol	1260	1.042
2	n-Propanol	2765	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

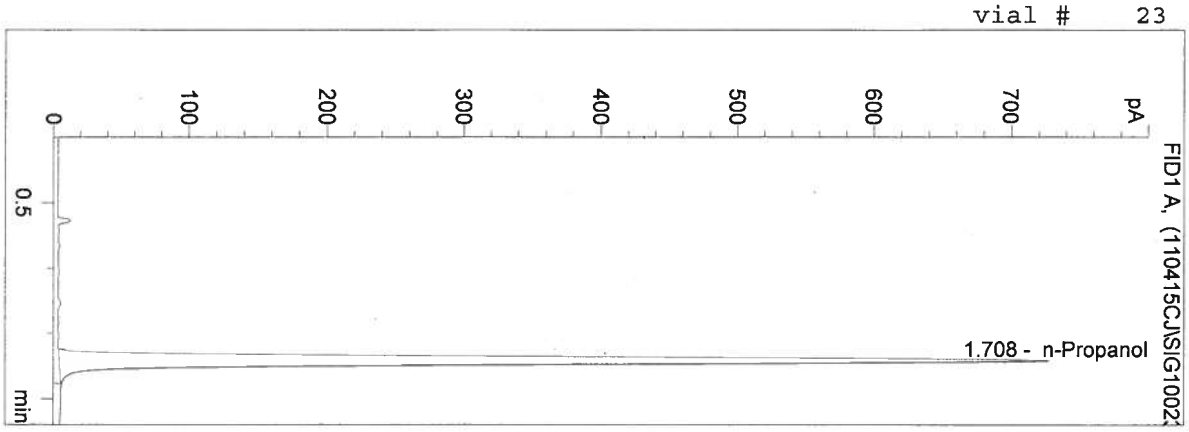
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

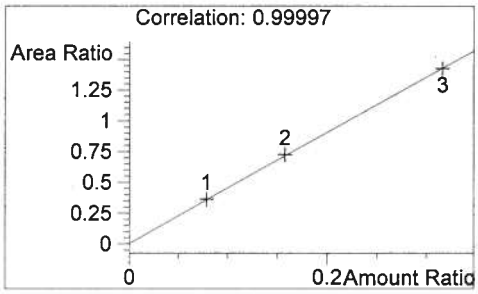
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 12:59:35 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

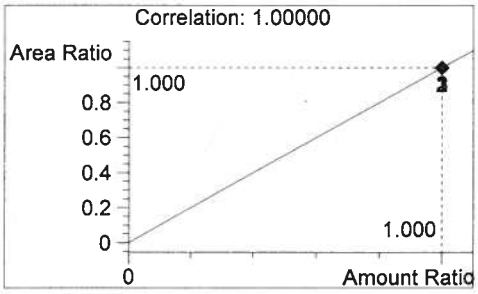
vial # 23



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2818	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

CJ

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:	110415RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A073849 - exp 07/2014

RF

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	11012 #1	SIMALC1	1	Sample		
11	Vial 11	11012 #2	SIMALC1	1	Sample		
12	Vial 12	11012 #3	SIMALC1	1	Sample		
13	Vial 13	11012 #4	SIMALC1	1	Sample		
14	Vial 14	11012 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

11012

Sequence Table (Back Injector):

No entries - empty table!

RF

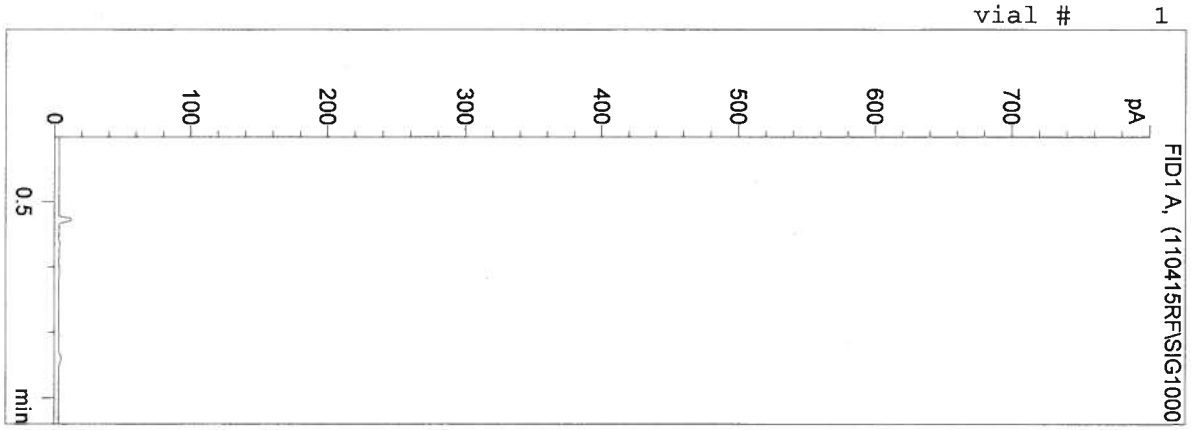
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:35:20 AM
Instrument 1
DB-ALC1

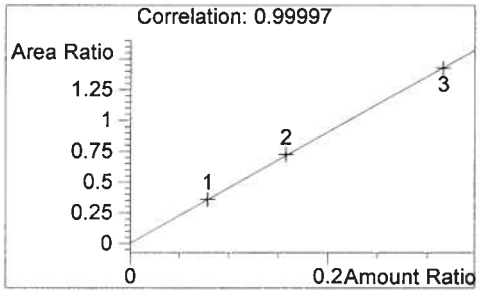
BLANK
Rebecca Flaherty

vial # 1

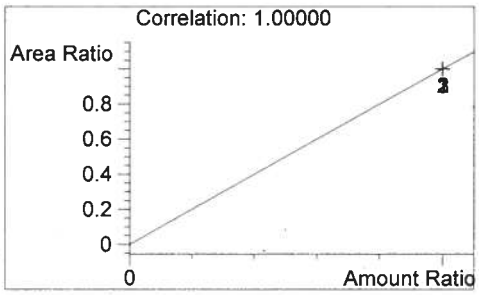


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

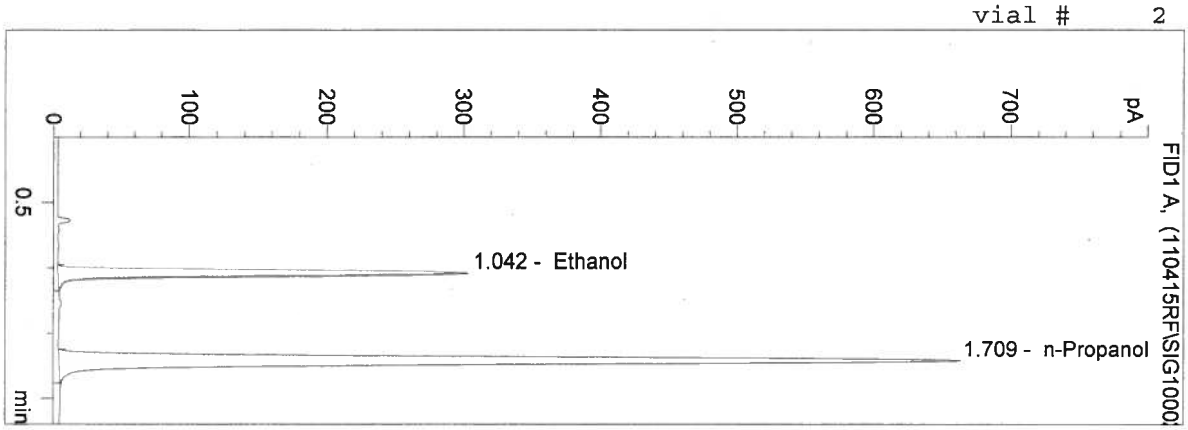
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:38:25 AM
Instrument 1
DB-ALC1

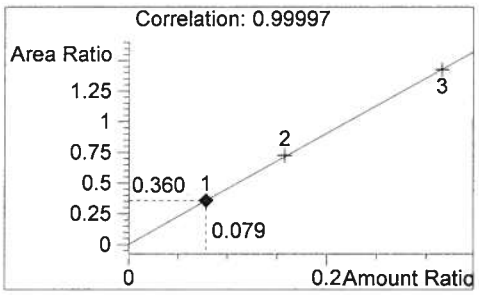
0.079 CAL 1
Rebecca Flaherty

vial # 2

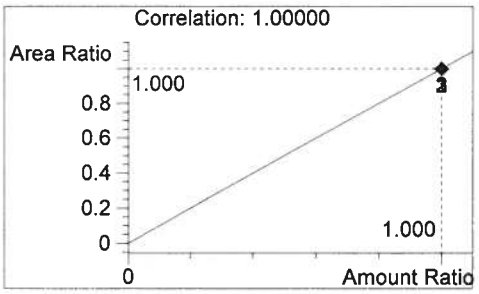


#	Compound	Area	RT
1	Ethanol	925	1.042
2	n-Propanol	2572	1.709
Tot			

RF



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

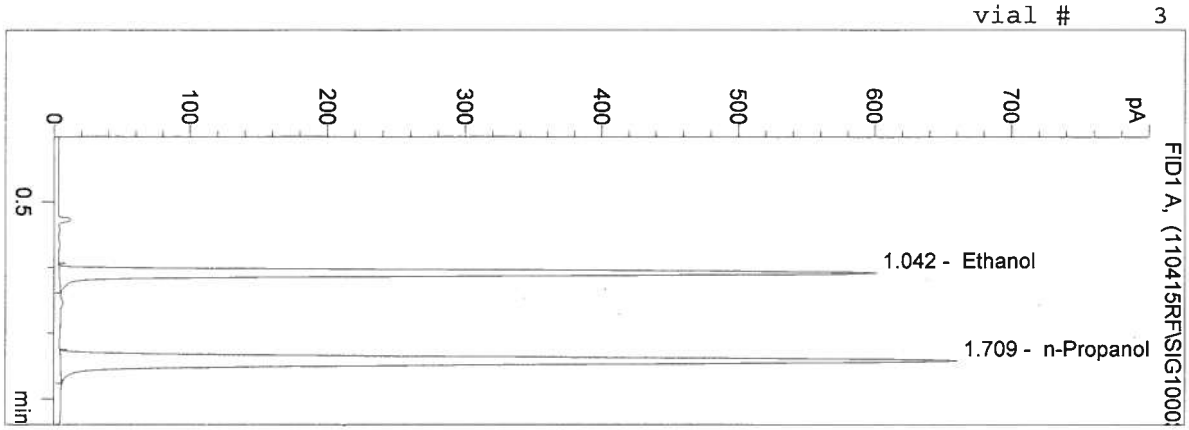
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:41:29 AM
Instrument 1
DB-ALC1

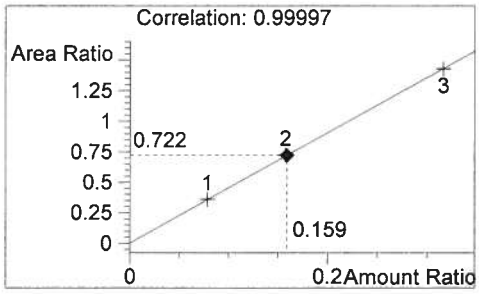
0.158 CAL 2
Rebecca Flaherty

vial # 3

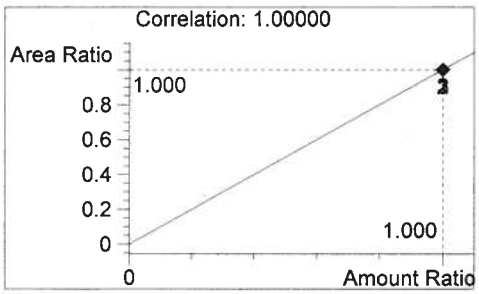


#	Compound	Area	RT
1	Ethanol	1853	1.042
2	n-Propanol	2565	1.709
Tot			

RF



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

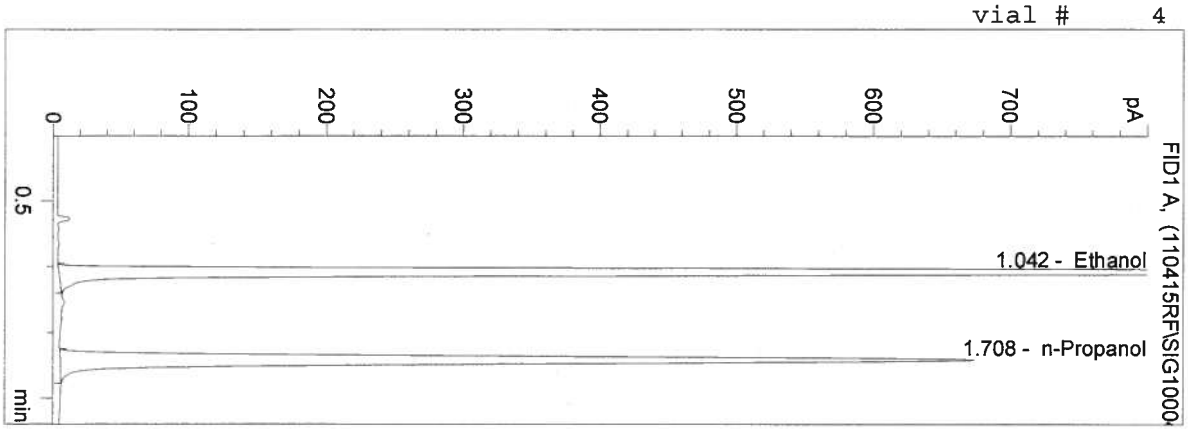
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:44:34 AM
Instrument 1
DB-ALC1

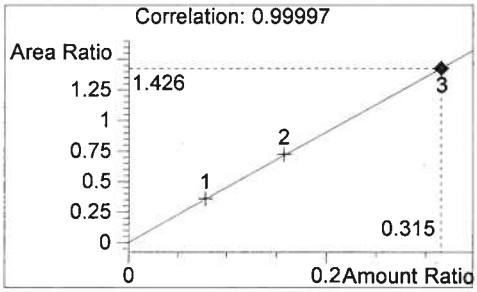
0.316 CAL 3
Rebecca Flaherty

vial # 4

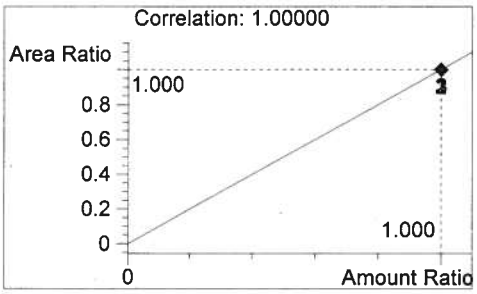


#	Compound	Area	RT
1	Ethanol	3719	1.042
2	n-Propanol	2608	1.708
Tot			

RF



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

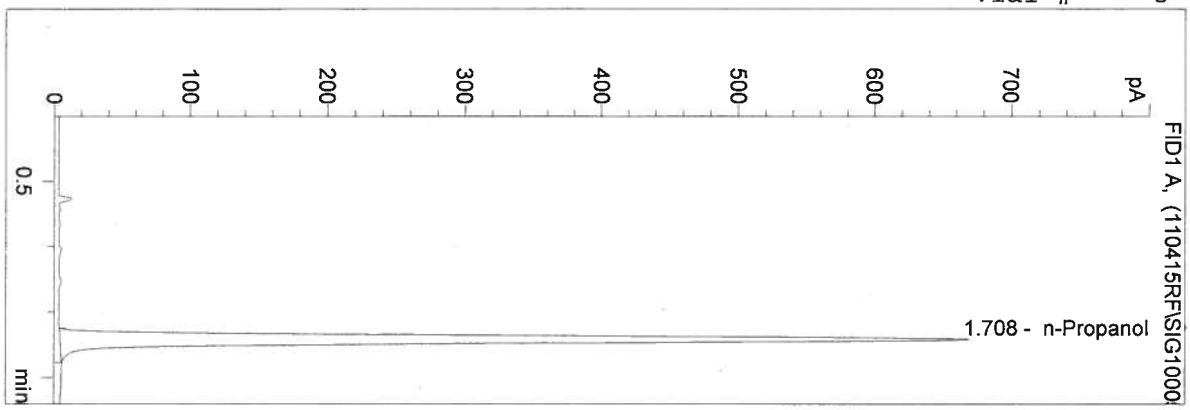
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:47:39 AM
Instrument 1
DB-ALC1

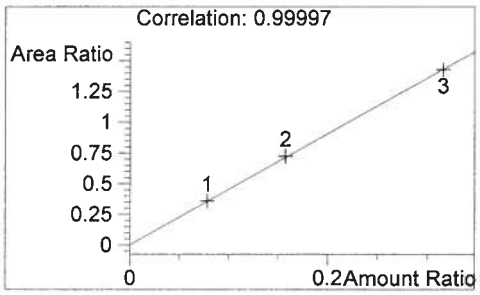
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

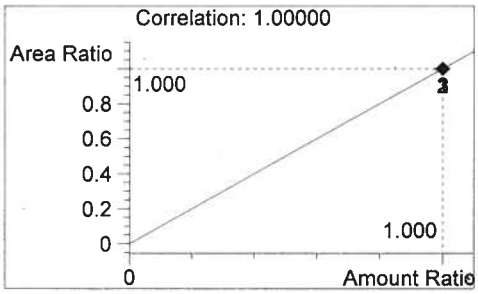


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2590	1.708
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

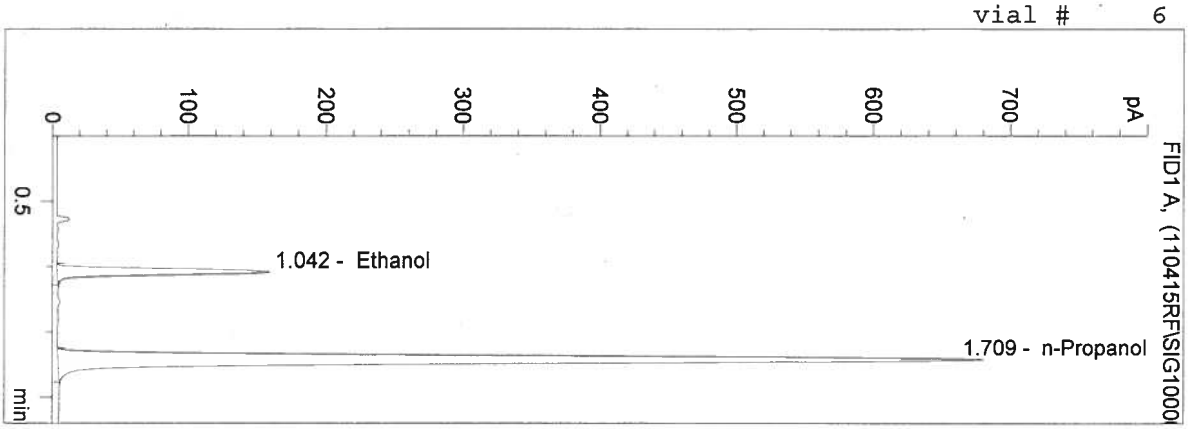
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:50:44 AM
Instrument 1
DB-ALC1

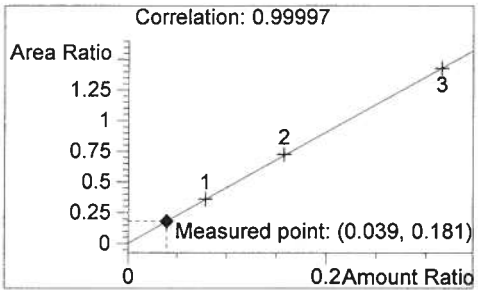
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

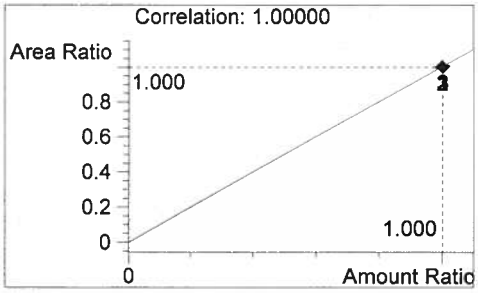


#	Compound	Area	RT
1	Ethanol	479	1.042
2	n-Propanol	2643	1.709
Tot			

RF



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

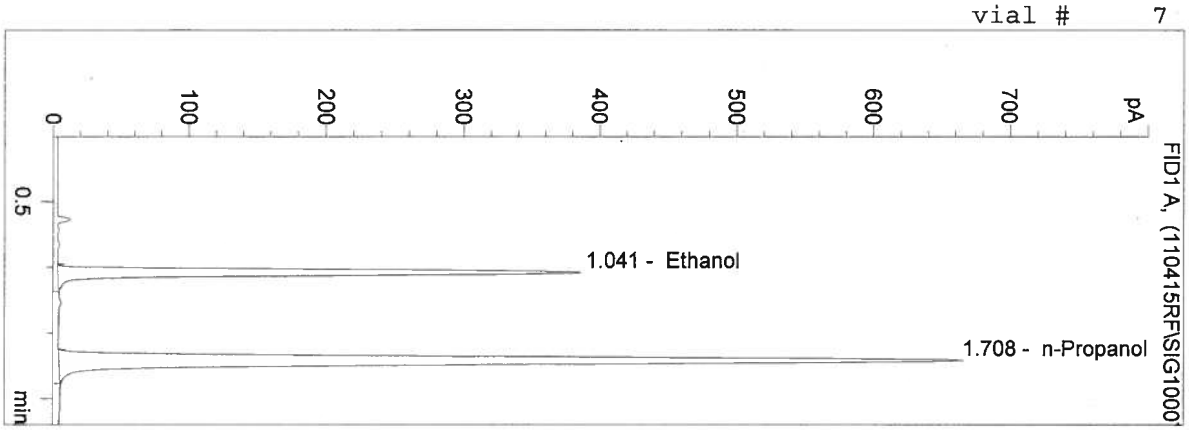
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:53:48 AM
Instrument 1
DB-ALC1

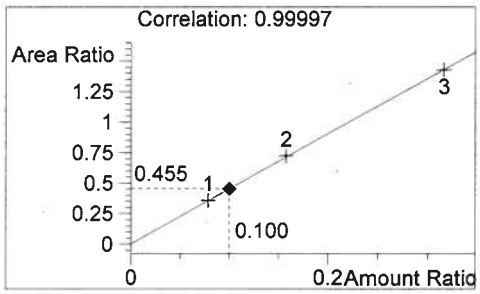
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

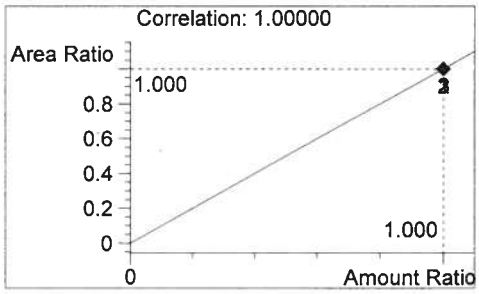


#	Compound	Area	RT
1	Ethanol	1173	1.041
2	n-Propanol	2577	1.708
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

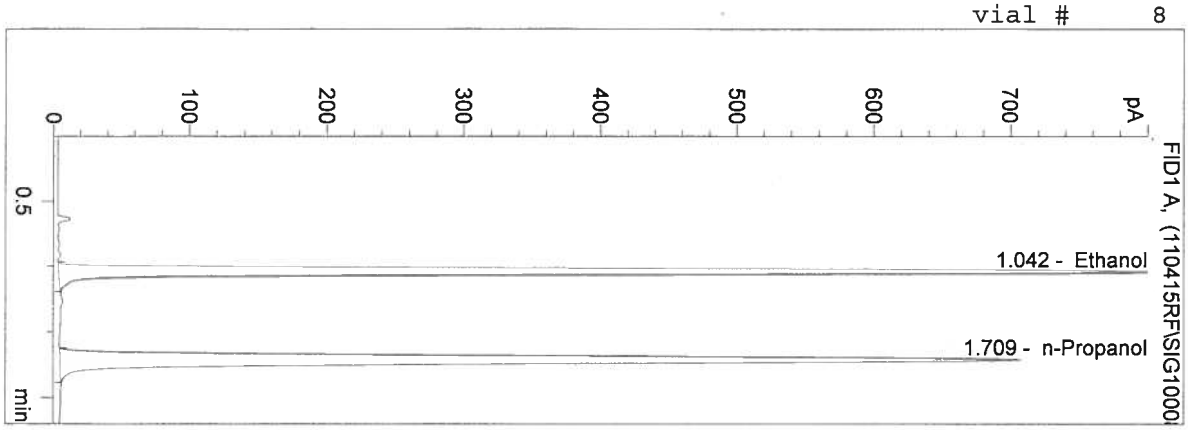
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:56:53 AM
Instrument 1
DB-ALC1

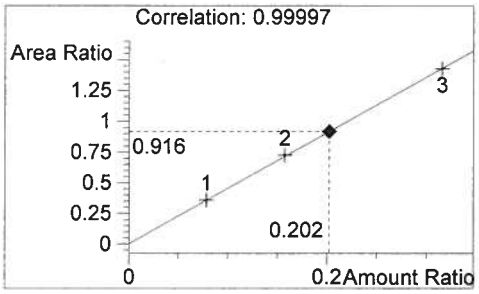
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

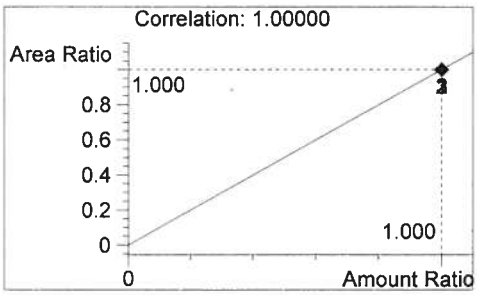


#	Compound	Area	RT
1	Ethanol	2512	1.042
2	n-Propanol	2740	1.709
Tot			

RF



Ethanol 0.202 g/100 mL



n-Propanol 1.000 g/100 mL

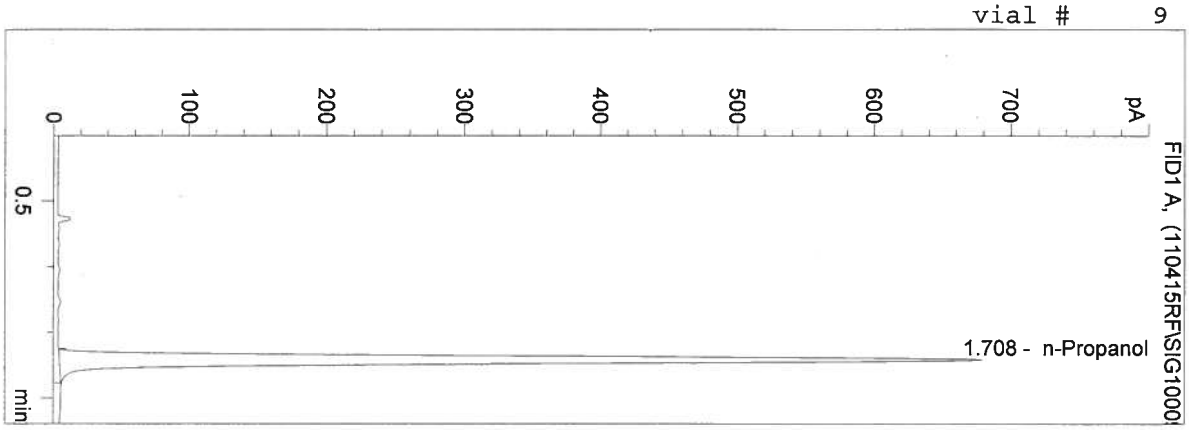
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 10:59:58 AM
Instrument 1
DB-ALC1

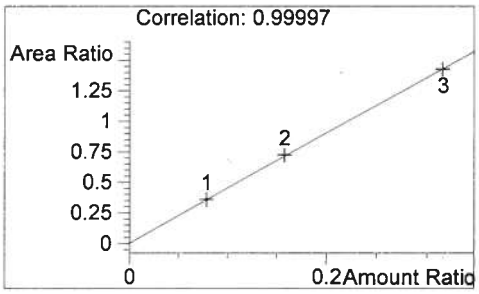
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

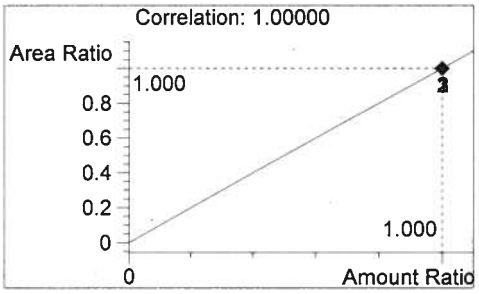


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2631	1.708
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

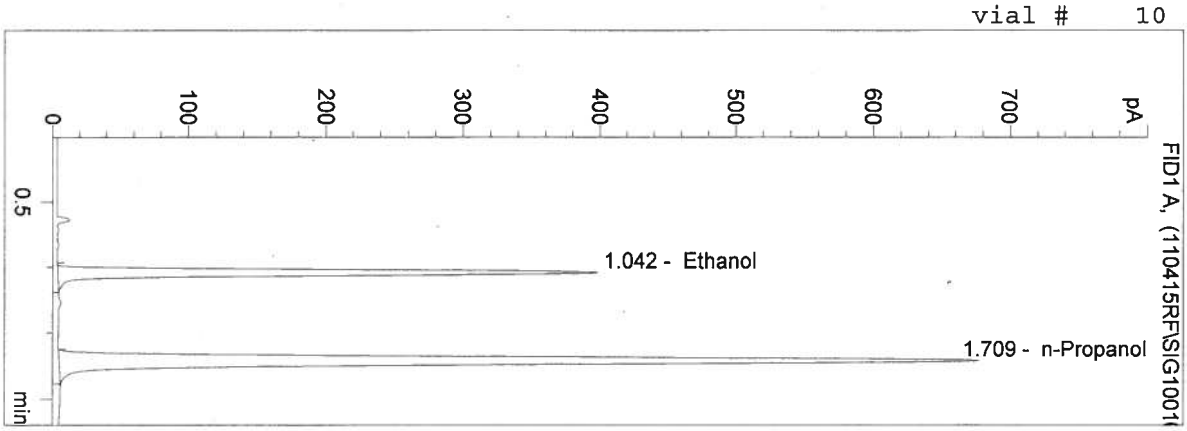
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:03:03 AM
Instrument 1
DB-ALC1

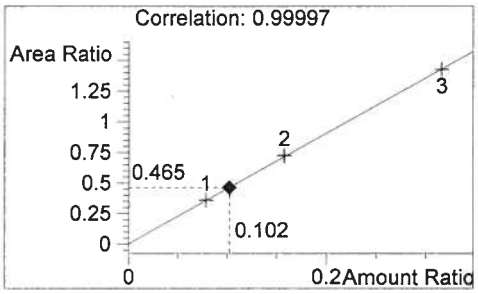
11012 #1
Rebecca Flaherty

vial # 10

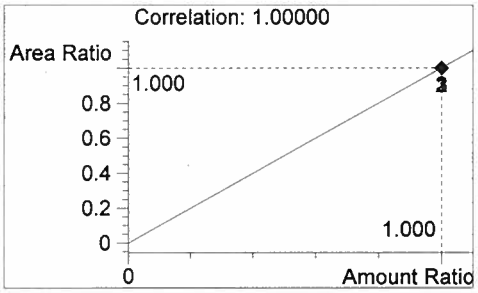


#	Compound	Area	RT
1	Ethanol	1220	1.042
2	n-Propanol	2626	1.709
Tot			

RF



Ethanol 0.102 g/100 mL



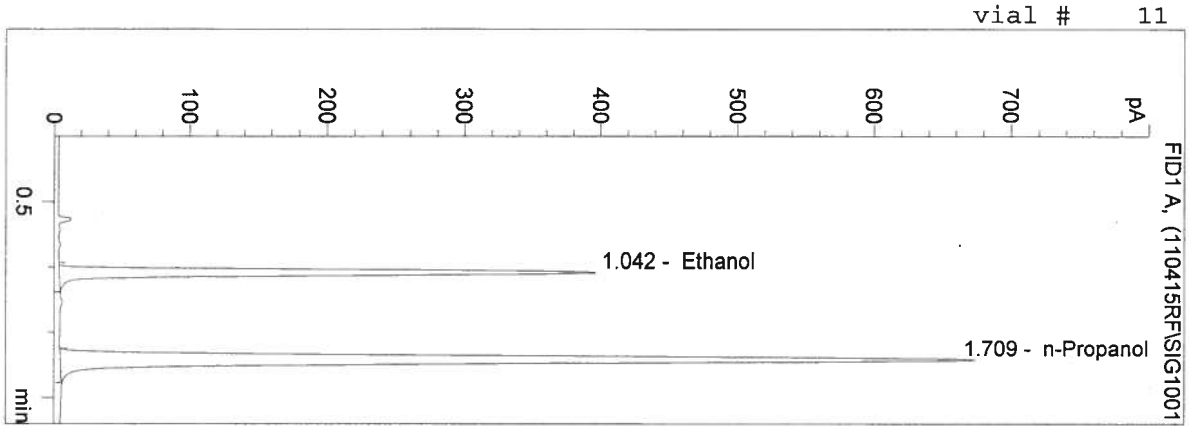
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:06:08 AM
Instrument 1
DB-ALC1

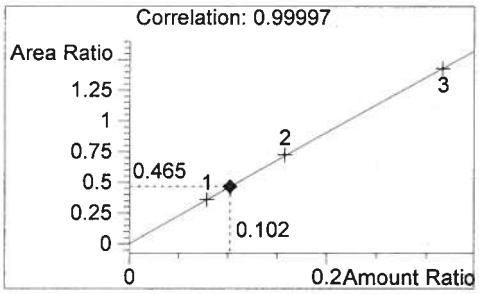
11012 #2
Rebecca Flaherty

vial # 11

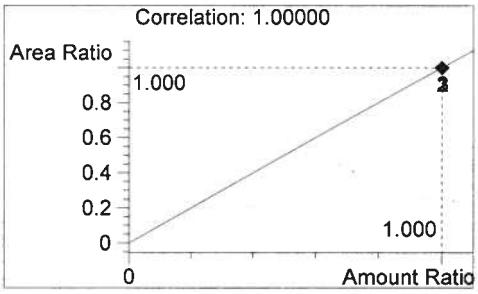


#	Compound	Area	RT
1	Ethanol	1220	1.042
2	n-Propanol	2622	1.709
Tot			

RF



Ethanol 0.102 g/100 mL



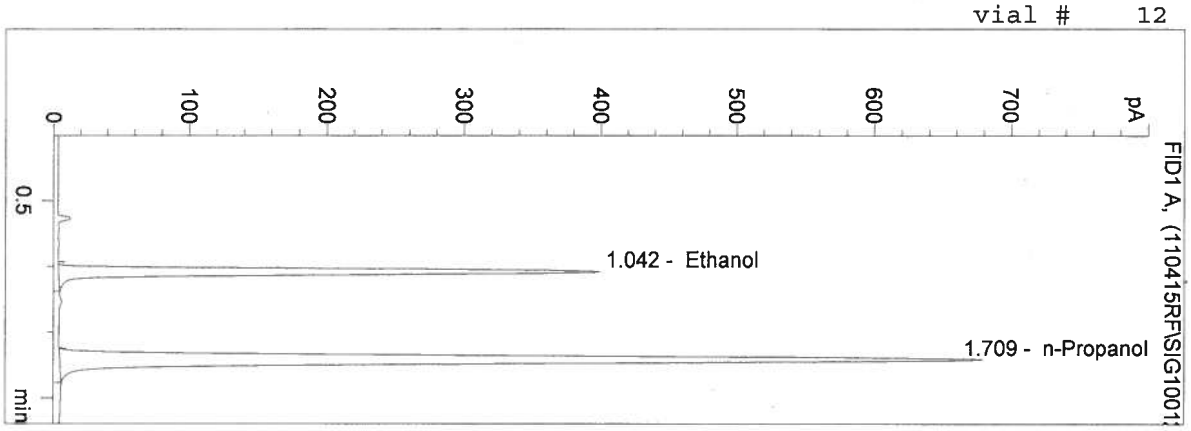
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:09:13 AM
Instrument 1
DB-ALC1

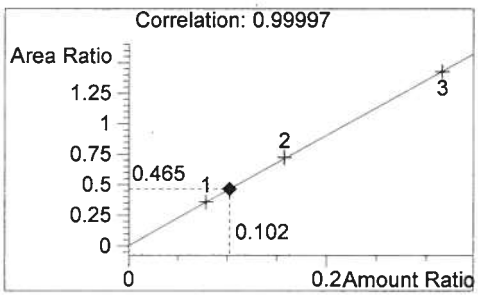
11012 #3
Rebecca Flaherty

vial # 12

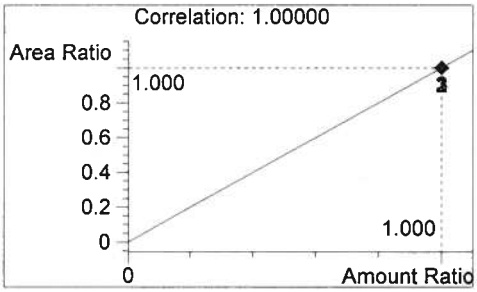


#	Compound	Area	RT
1	Ethanol	1226	1.042
2	n-Propanol	2636	1.709
Tot			

RF



Ethanol 0.102 g/100 mL



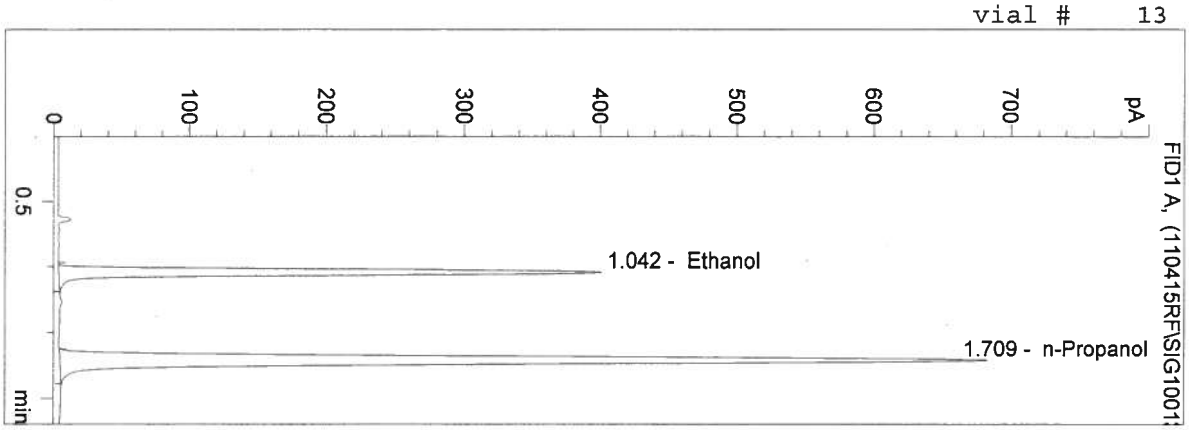
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:12:17 AM
Instrument 1
DB-ALC1

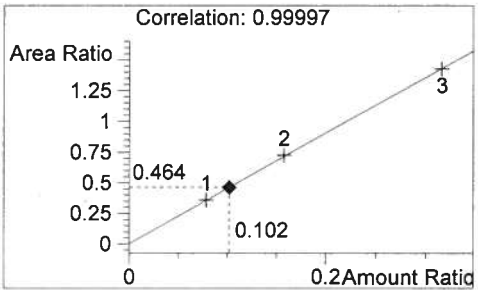
11012 #4
Rebecca Flaherty

vial # 13

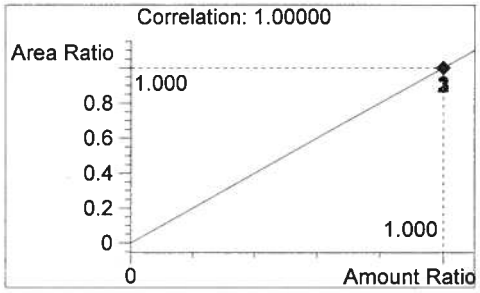


#	Compound	Area	RT
1	Ethanol	1228	1.042
2	n-Propanol	2649	1.709
Tot			

RF



Ethanol 0.102 g/100 mL



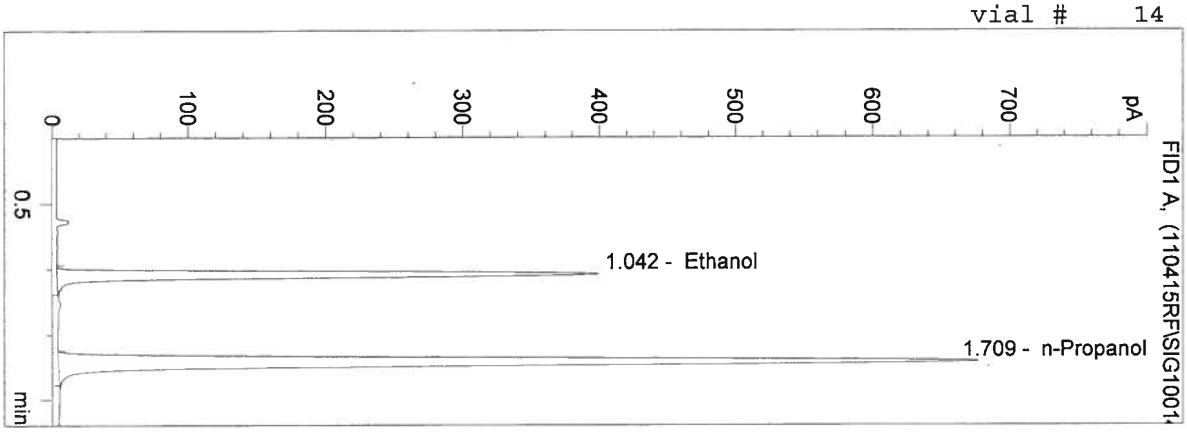
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:15:22 AM
Instrument 1
DB-ALC1

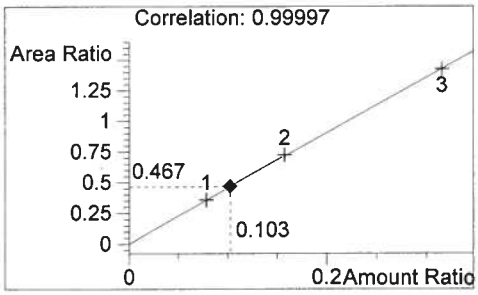
11012 #5
Rebecca Flaherty

vial # 14

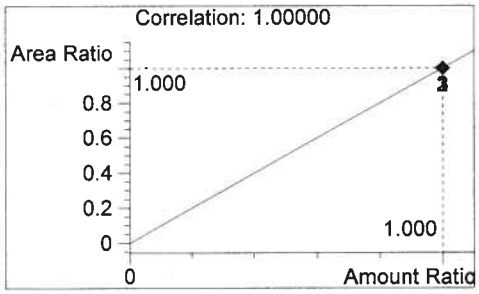


#	Compound	Area	RT
1	Ethanol	1228	1.042
2	n-Propanol	2630	1.709
Tot			

RF



Ethanol 0.103 g/100 mL



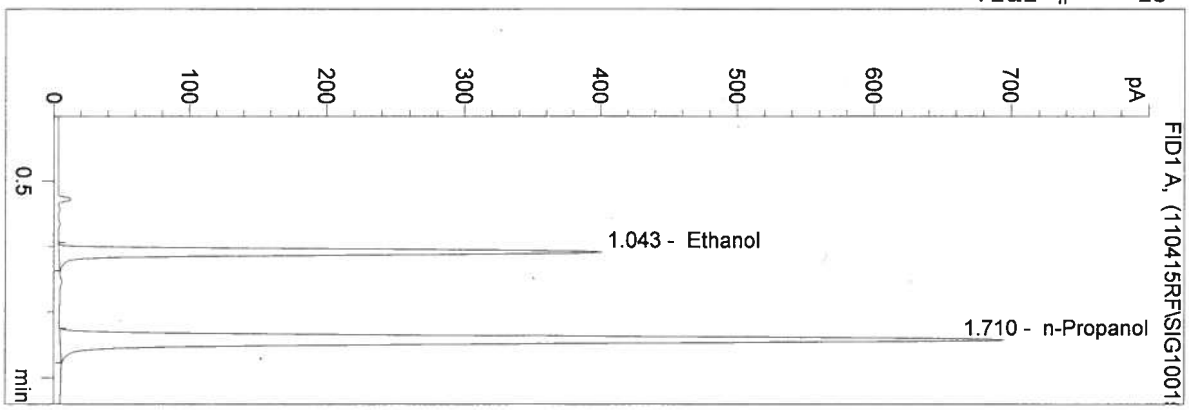
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:18:27 AM
Instrument 1
DB-ALC1

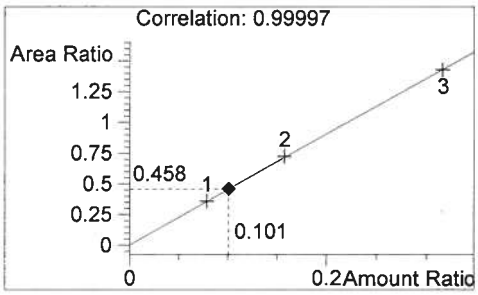
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

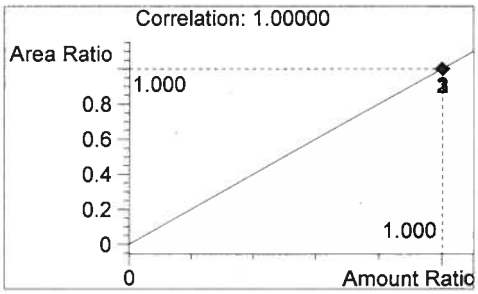


#	Compound	Area	RT
1	Ethanol	1241	1.043
2	n-Propanol	2707	1.710
Tot			

RF



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

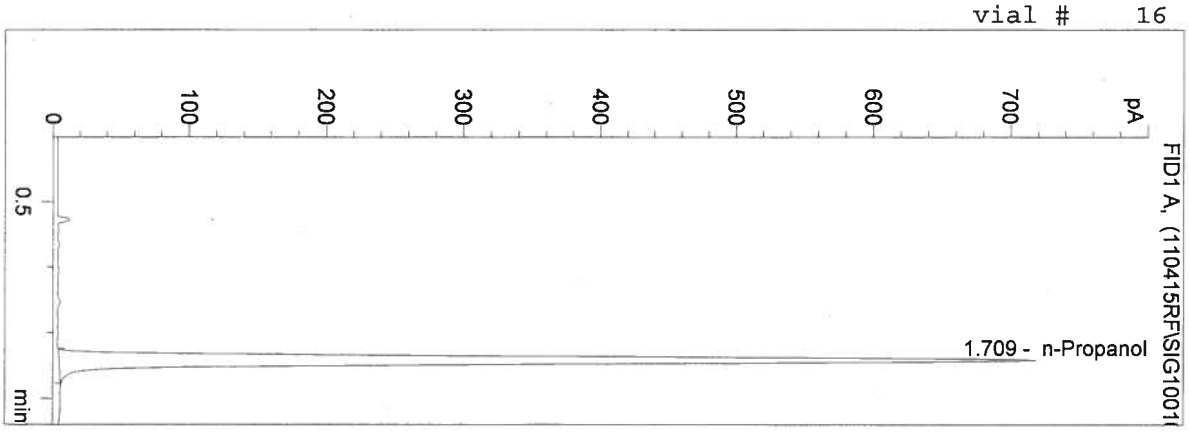
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 11:21:31 AM
Instrument 1
DB-ALC1

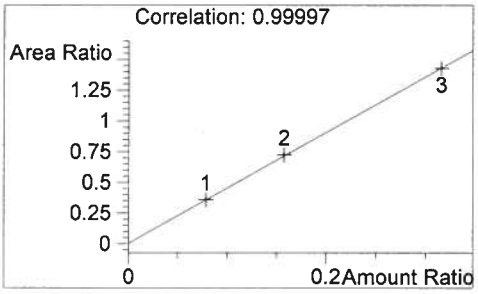
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

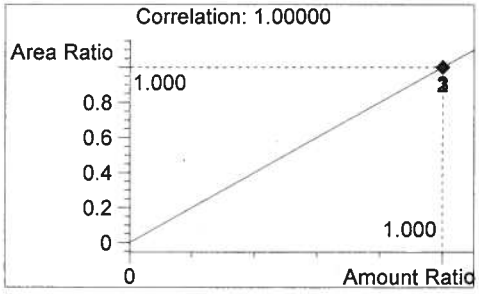


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2799	1.709
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

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:	110415BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A075264 exp 10/2014
0.10 Control Lot#A075806 exp 11/2014
0.20 Control Lot#A073849 exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
10	Vial 10	11012 #1	SIMALC1	1	Sample		
11	Vial 11	11012 #2	SIMALC1	1	Sample		
12	Vial 12	11012 #3	SIMALC1	1	Sample		
13	Vial 13	11012 #4	SIMALC1	1	Sample		
14	Vial 14	11012 #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	

T1012

Sequence Table (Back Injector):

No entries - empty table!

11012

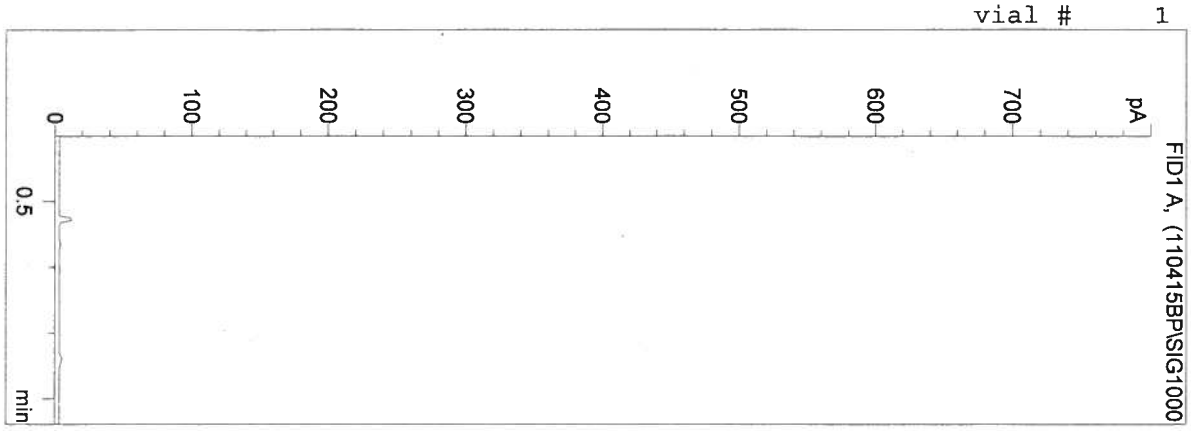
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

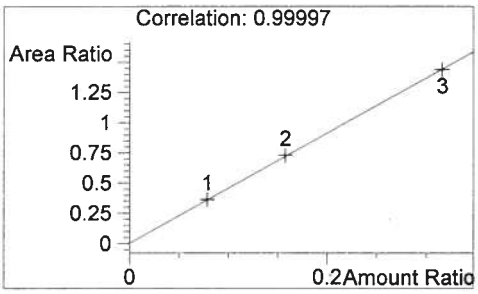
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 2:43:34 PM
Instrument 1
DB-ALC1

blank
Brianna Peterson

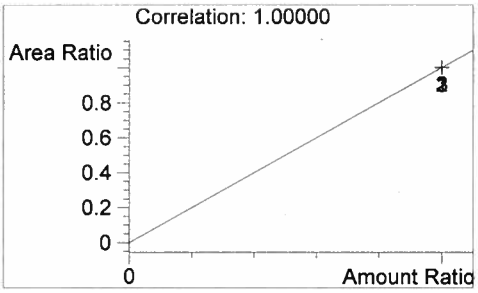
vial # 1



#	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

11012

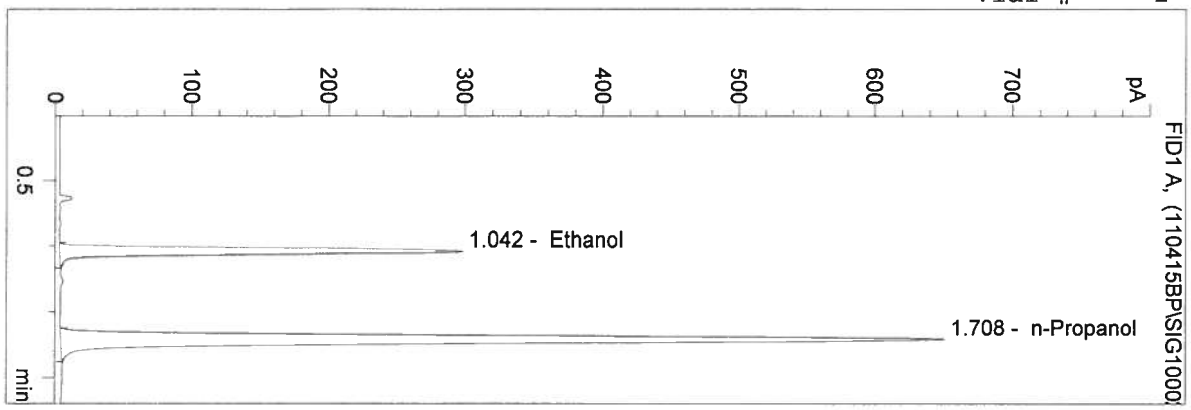
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

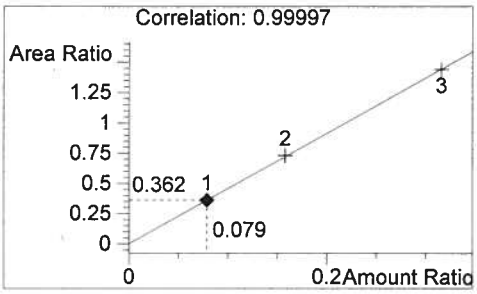
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 2:46:39 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Brianna Peterson

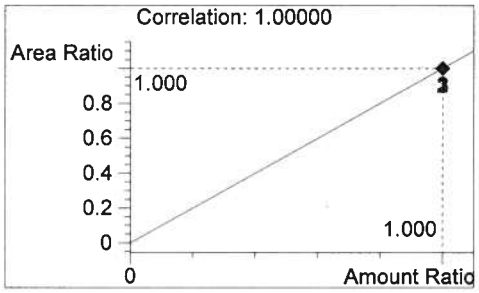
vial # 2



#	Compound	Area	RT
1	Ethanol	911	1.042
2	n-Propanol	2516	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

BL

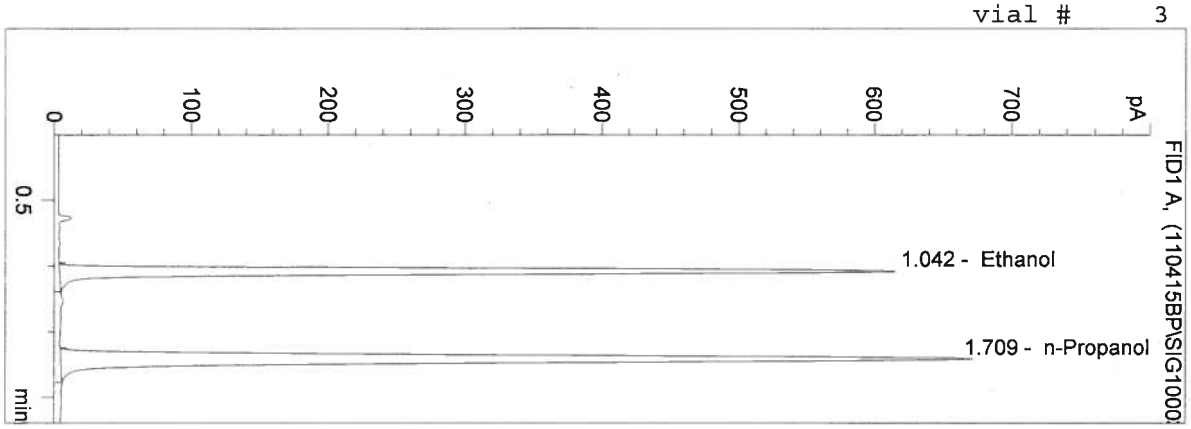
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

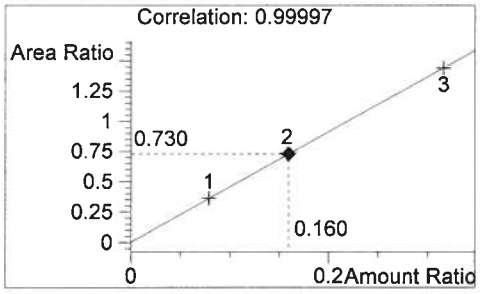
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 2:49:44 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Brianna Peterson

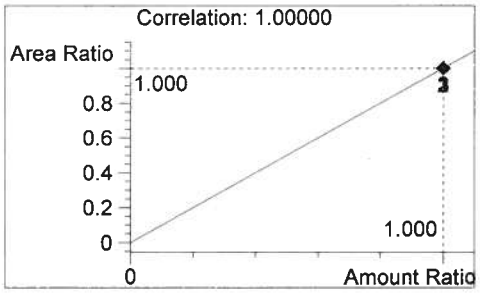
vial # 3



#	Compound	Area	RT
1	Ethanol	1901	1.042
2	n-Propanol	2606	1.709
Tot			



Ethanol 0.160 g/100 mL



n-Propanol 1.000 g/100 mL

11012

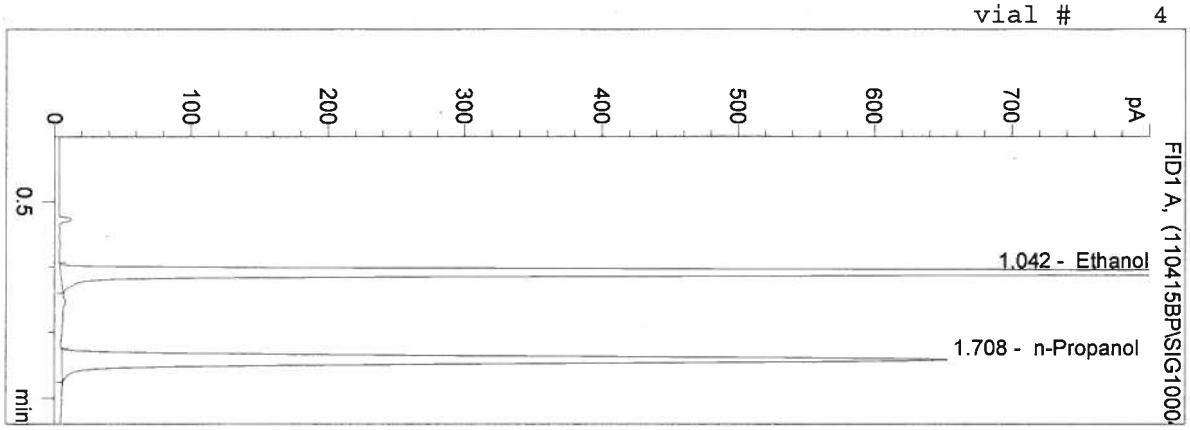
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

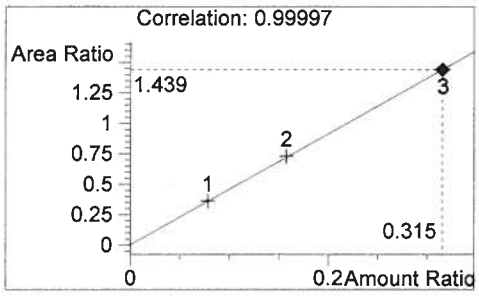
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 2:52:48 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Brianna Peterson

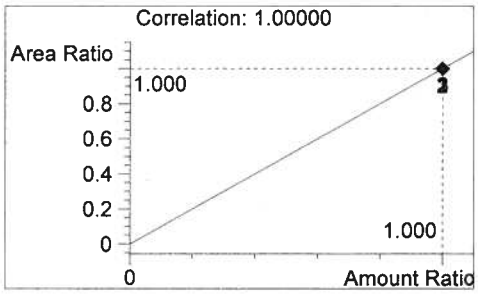
vial # 4



#	Compound	Area	RT
1	Ethanol	3645	1.042
2	n-Propanol	2533	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11012

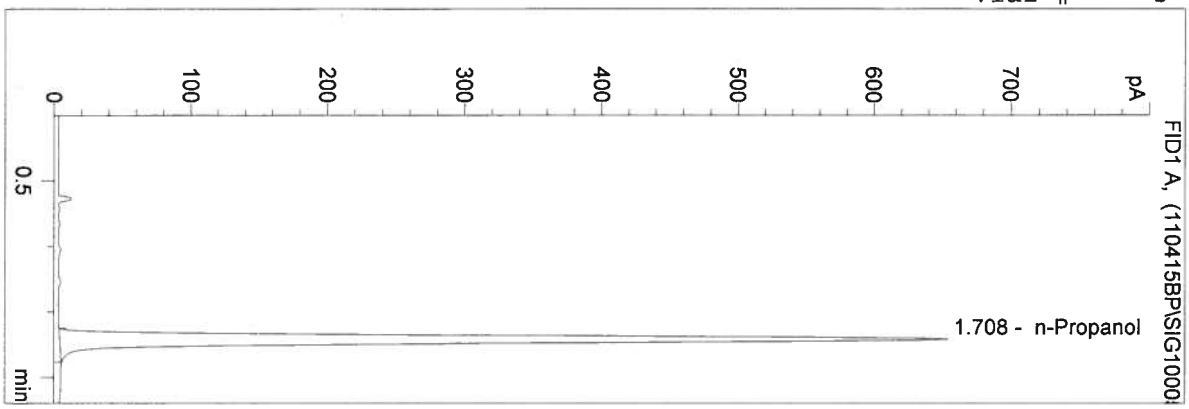
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

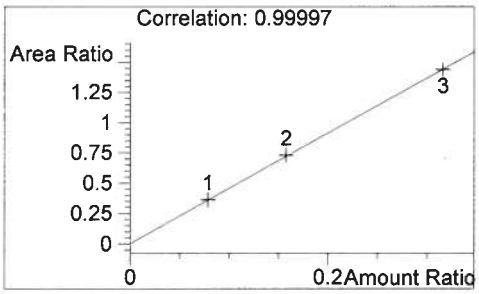
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 2:55:48 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

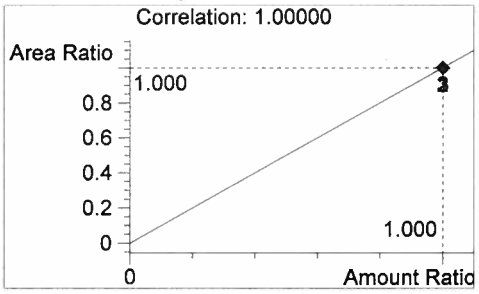
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2539	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

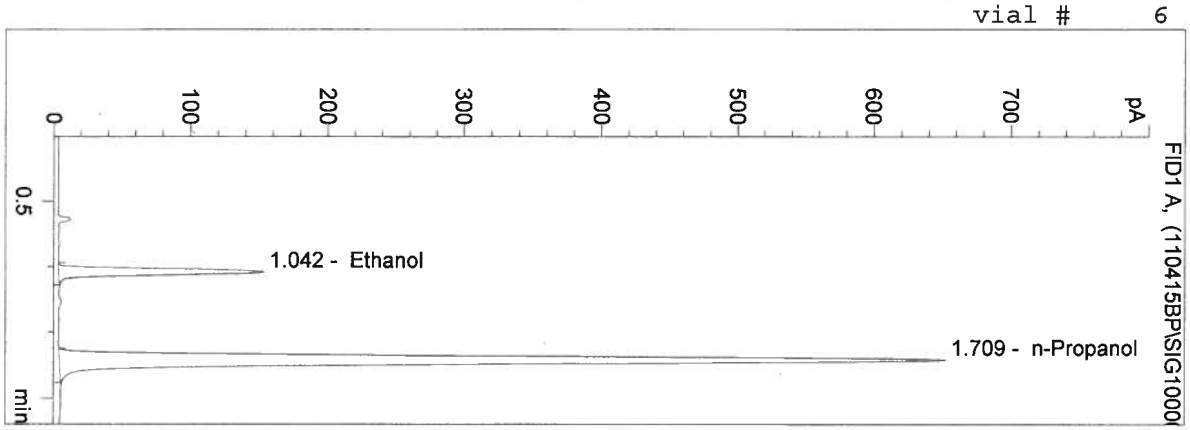
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

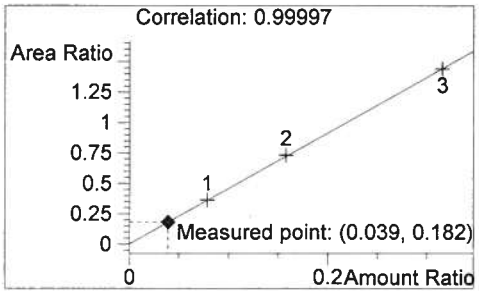
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 2:58:52 PM
Instrument 1
DB-ALC1

0.04 CTRL - BP
Brianna Peterson

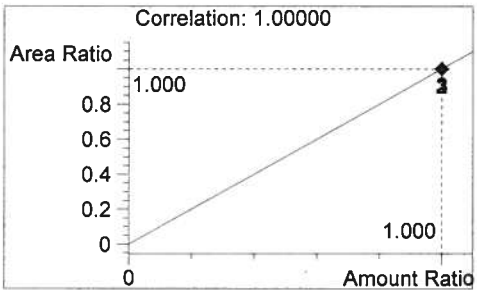
vial # 6



#	Compound	Area	RT
1	Ethanol	461	1.042
2	n-Propanol	2532	1.709
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

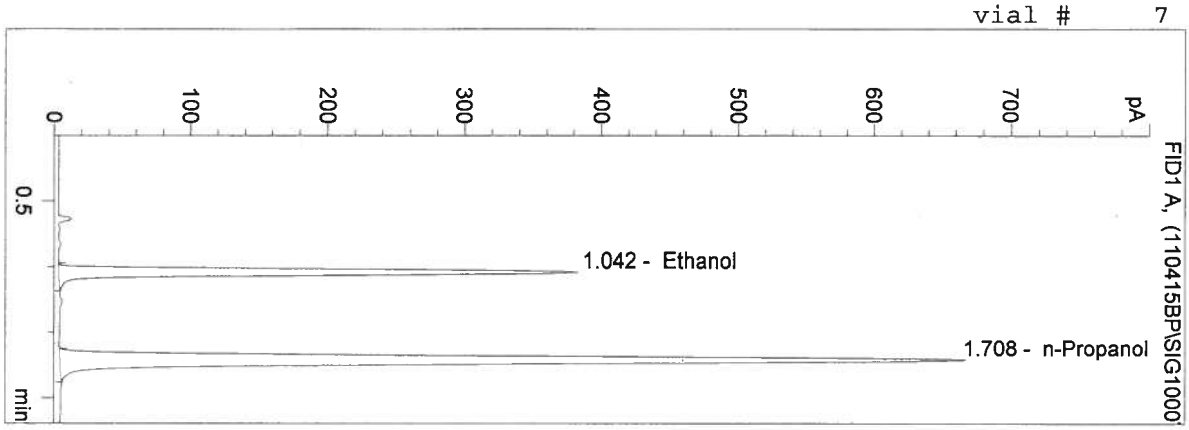
11012 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

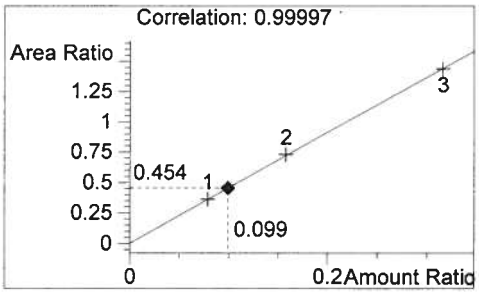
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:01:57 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

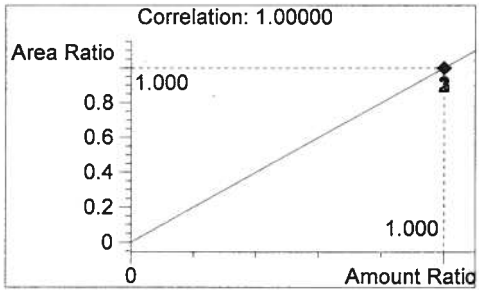
vial # 7



#	Compound	Area	RT
1	Ethanol	1177	1.042
2	n-Propanol	2590	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

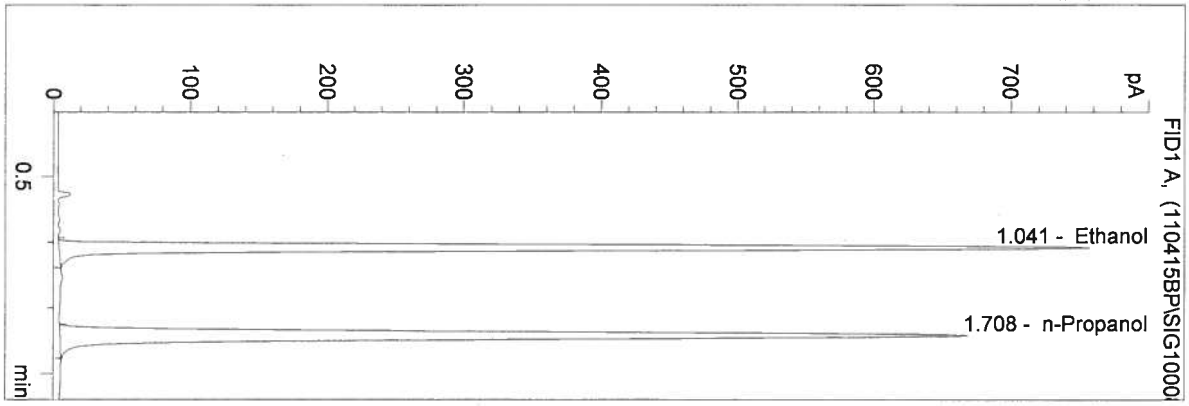
11012 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

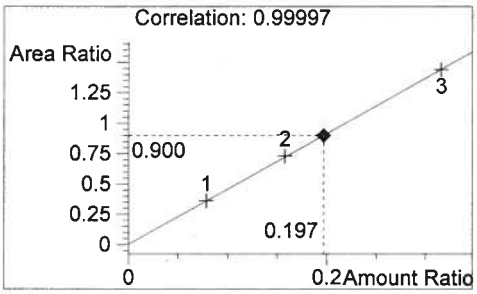
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:05:02 PM
Instrument 1
DB-ALC1

0.20 CTRL - BP
Brianna Peterson

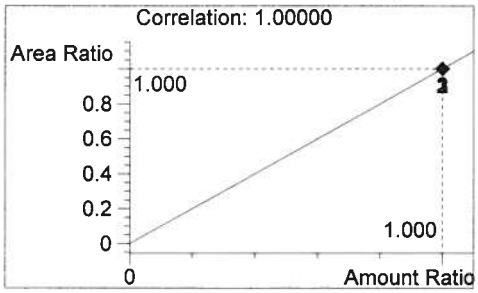
vial # 8



#	Compound	Area	RT
1	Ethanol	2329	1.041
2	n-Propanol	2587	1.708
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

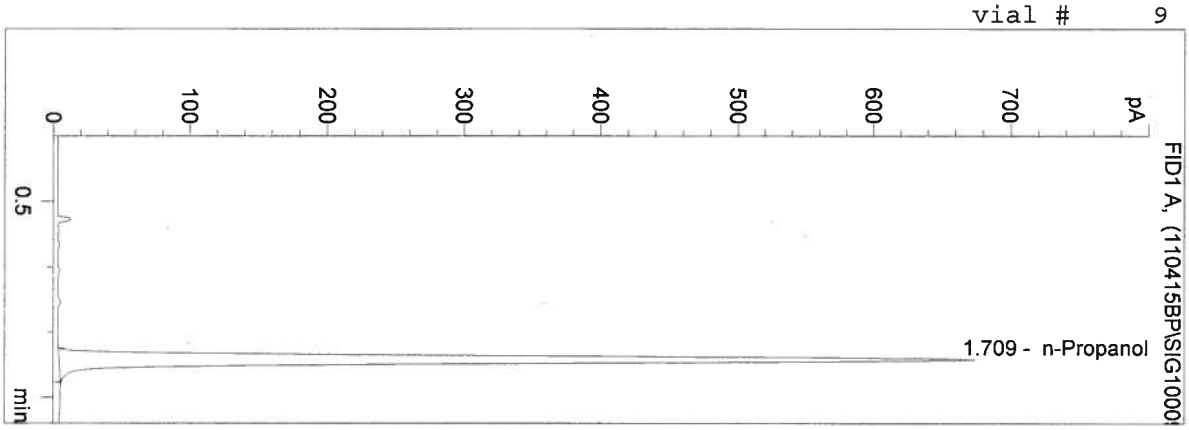
11012 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

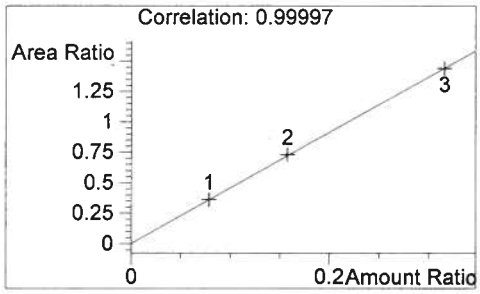
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:08:07 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

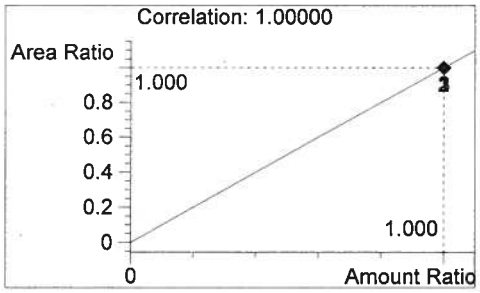
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2619	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

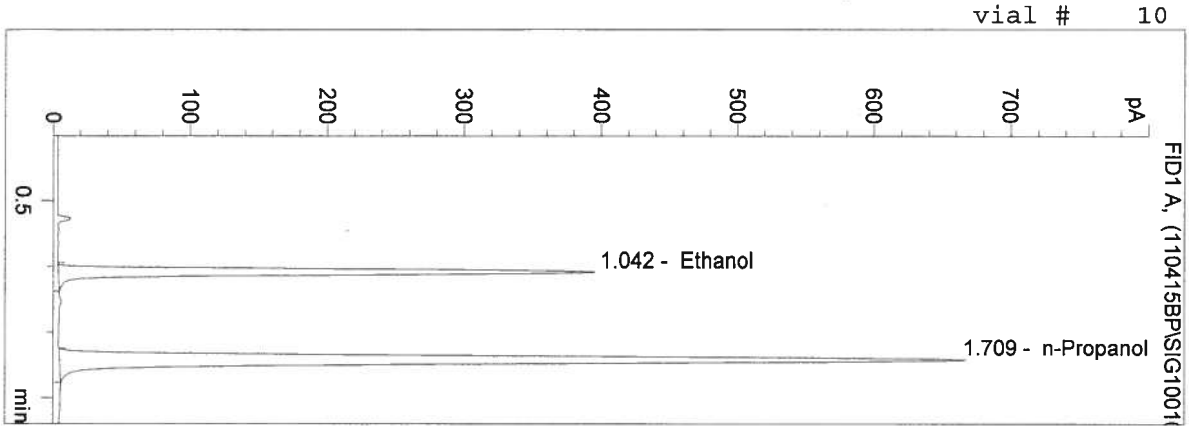
11012 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

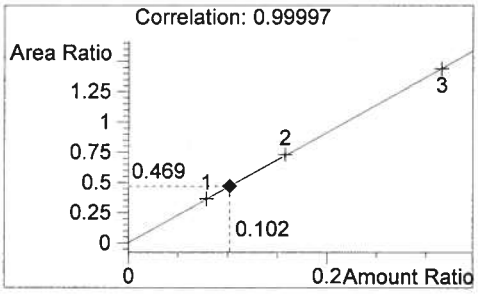
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:11:11 PM
Instrument 1
DB-ALC1

11012 #1
Brianna Peterson

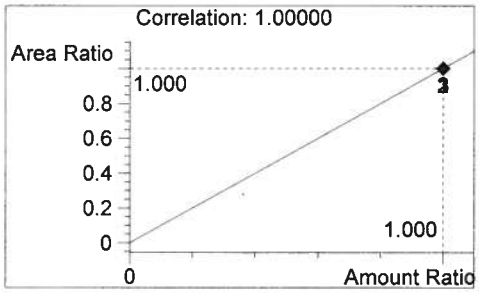
vial # 10



#	Compound	Area	RT
1	Ethanol	1215	1.042
2	n-Propanol	2594	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

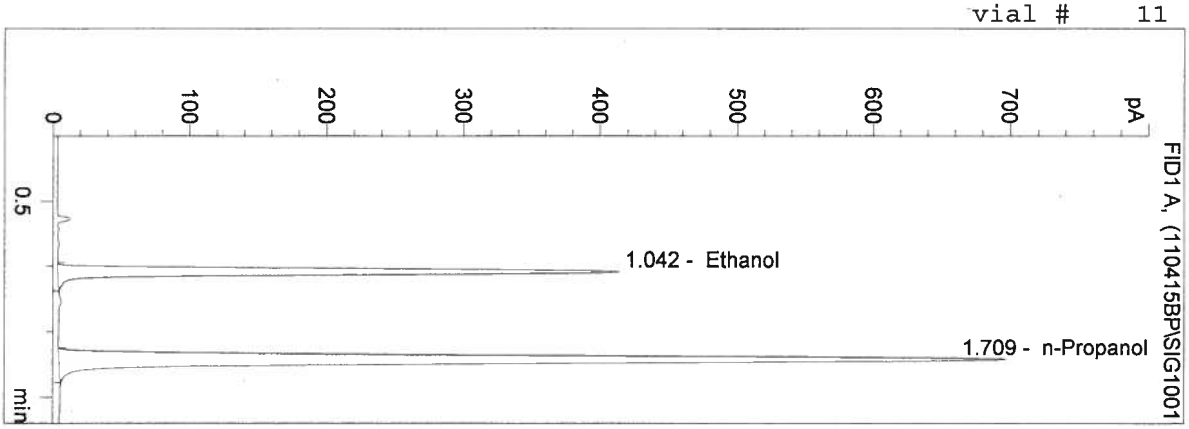
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

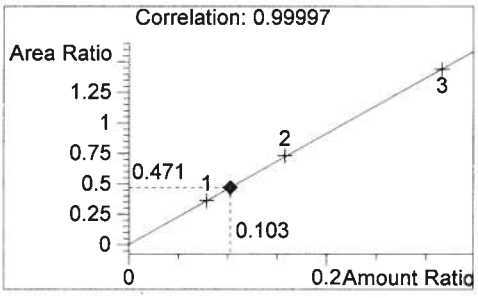
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:14:16 PM
Instrument 1
DB-ALC1

11012 #2
Brianna Peterson

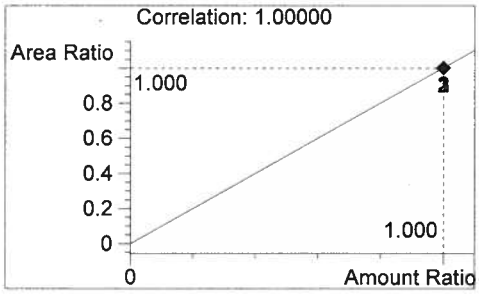
vial # 11



#	Compound	Area	RT
1	Ethanol	1276	1.042
2	n-Propanol	2711	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

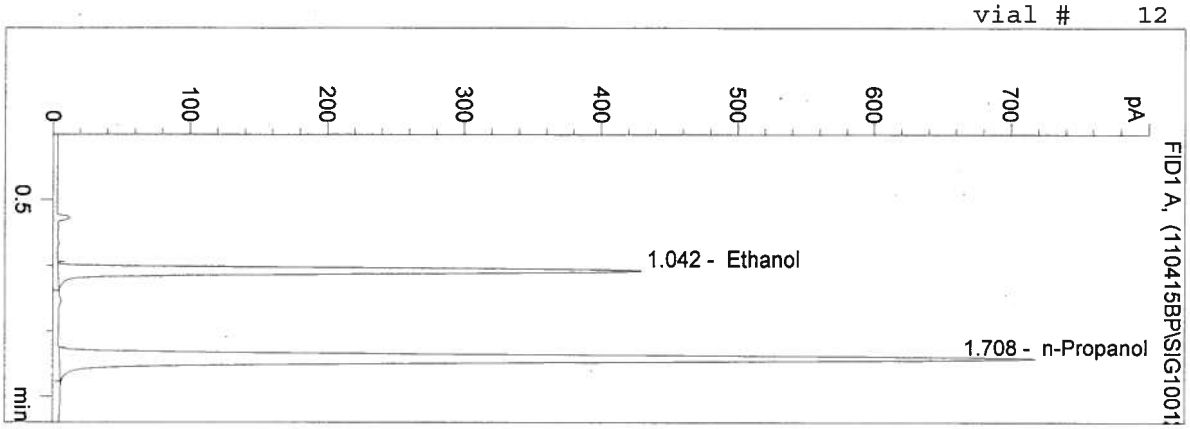
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

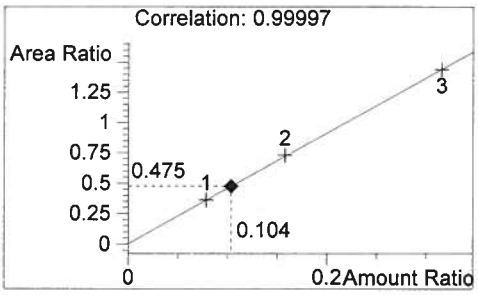
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:17:21 PM
Instrument 1
DB-ALC1

11012 #3
Brianna Peterson

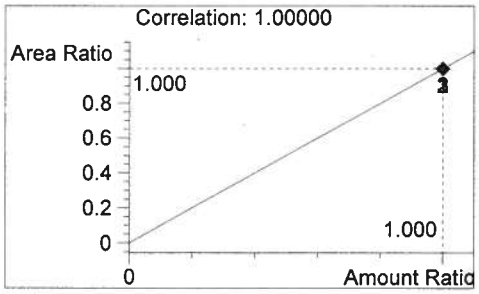
vial # 12



#	Compound	Area	RT
1	Ethanol	1324	1.042
2	n-Propanol	2787	1.708
Tot			



Ethanol 0.104 g/100 mL



n-Propanol 1.000 g/100 mL

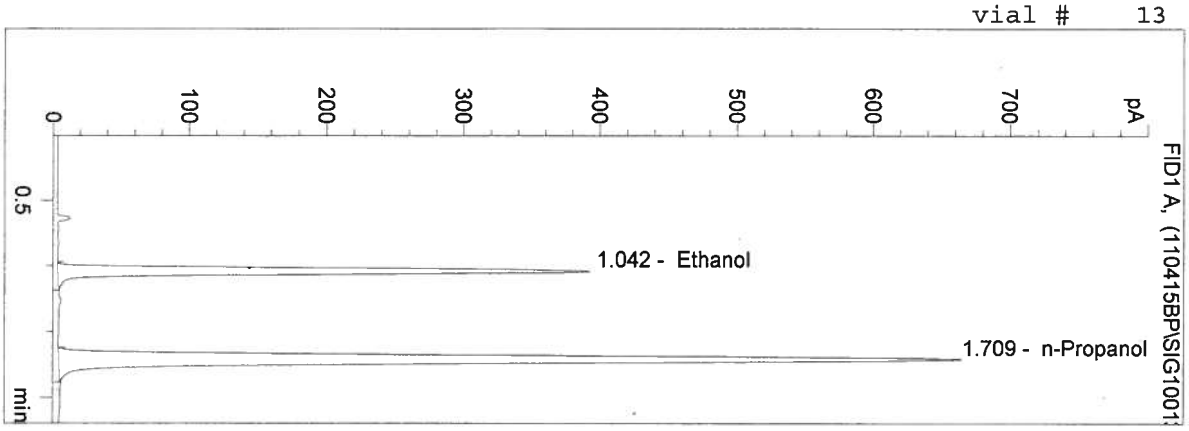
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

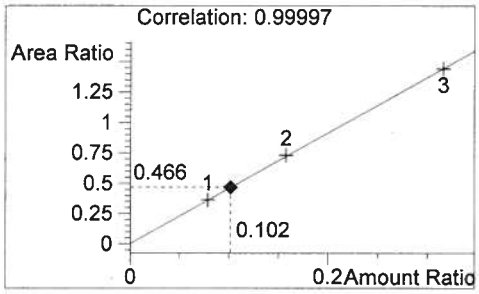
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:20:25 PM
Instrument 1
DB-ALC1

11012 #4
Brianna Peterson

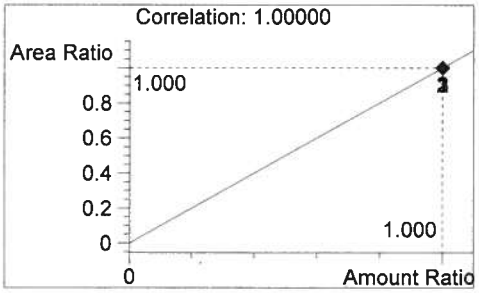
vial # 13



#	Compound	Area	RT
1	Ethanol	1206	1.042
2	n-Propanol	2585	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

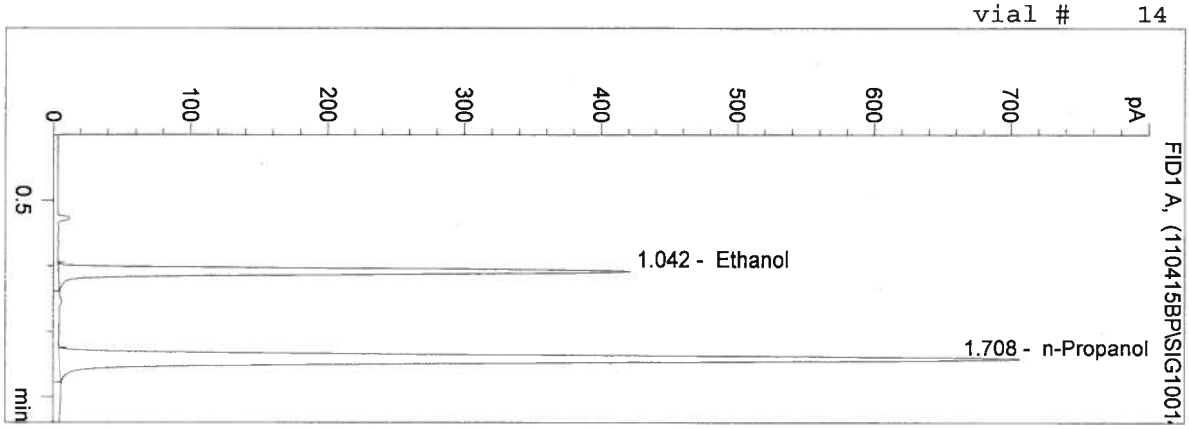
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

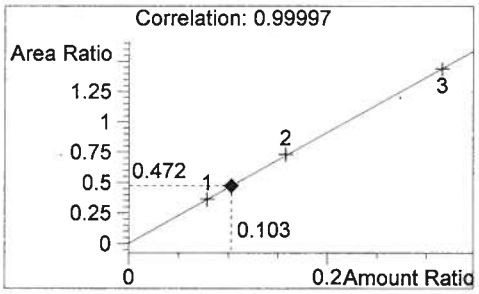
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:23:30 PM
Instrument 1
DB-ALC1

11012 #5
Brianna Peterson

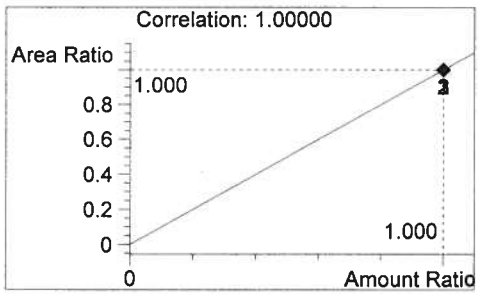
vial # 14



#	Compound	Area	RT
1	Ethanol	1297	1.042
2	n-Propanol	2748	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

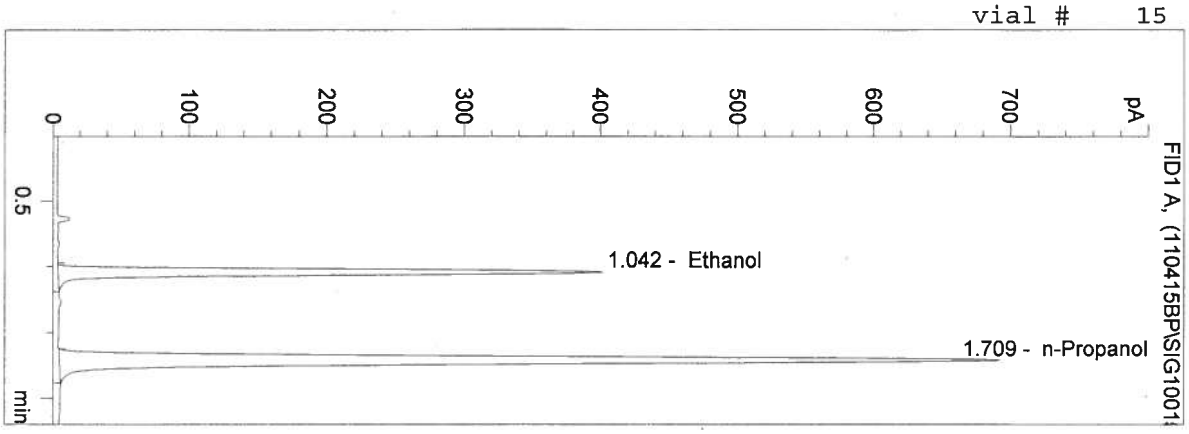
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

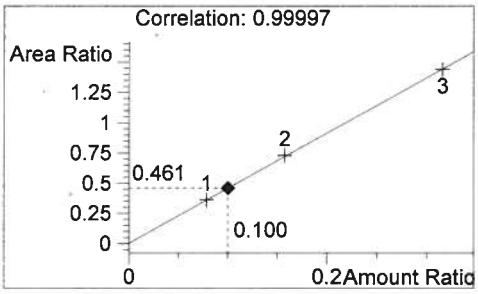
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:26:35 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

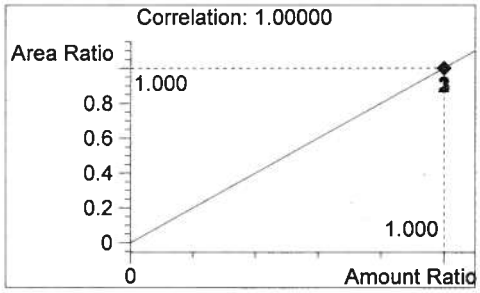
vial # 15



#	Compound	Area	RT
1	Ethanol	1240	1.042
2	n-Propanol	2692	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

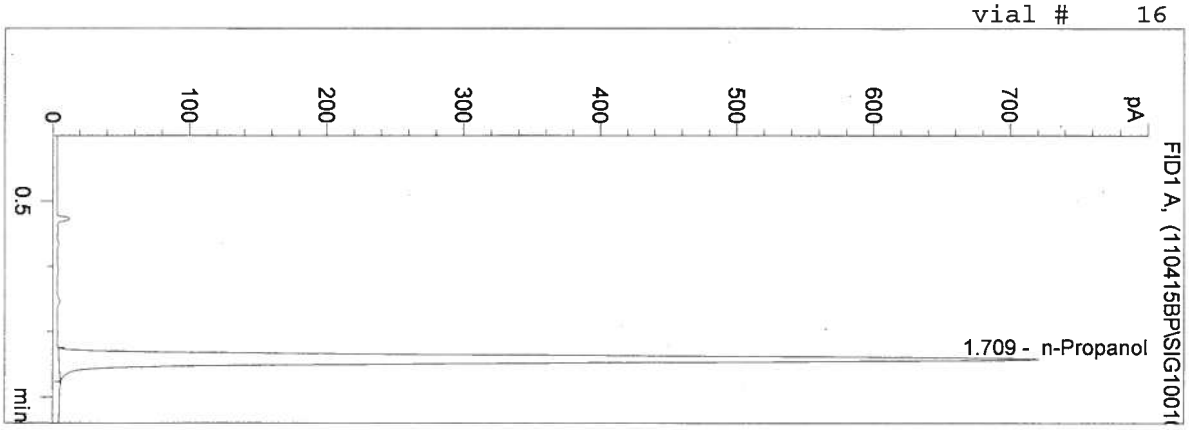
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

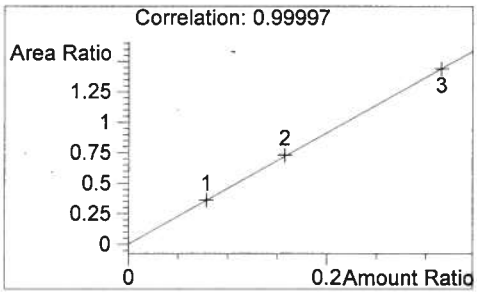
C:\HPCHEM\1\METHODS\SIMALC1.M
4/15/2011 3:29:40 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

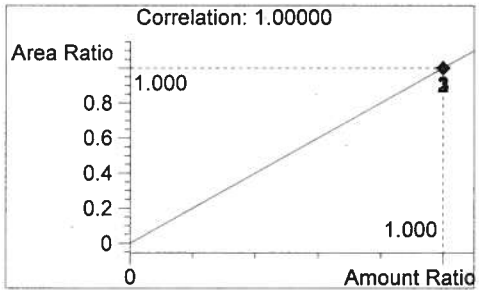
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2808	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BP

11012

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:	110418SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A073849 - exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-SS	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
10	Vial 10	11012 #1	SIMALC1	1	Sample		
11	Vial 11	11012 #2	SIMALC1	1	Sample		
12	Vial 12	11012 #3	SIMALC1	1	Sample		
13	Vial 13	11012 #4	SIMALC1	1	Sample		
14	Vial 14	11012 #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	

11012

SMS

Sequence Table (Back Injector):

No entries - empty table!

11012

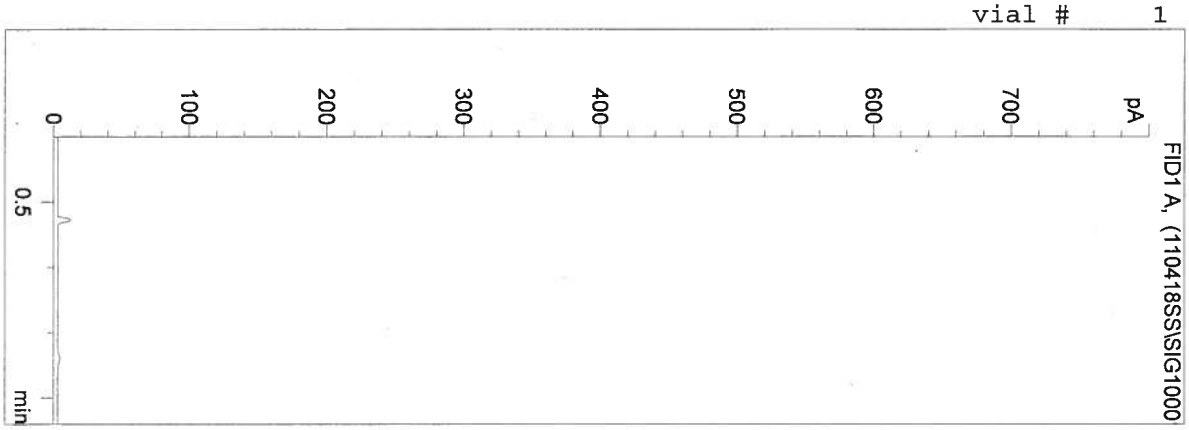
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

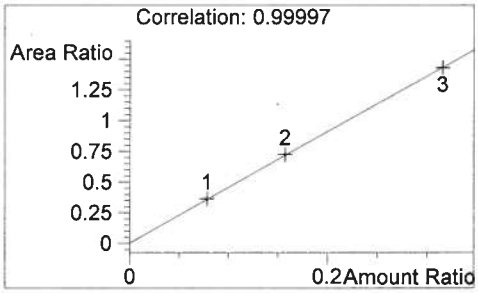
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:18:35 PM
Instrument 1
DB-ALC1

BLANK-SS
Sarah Swenson

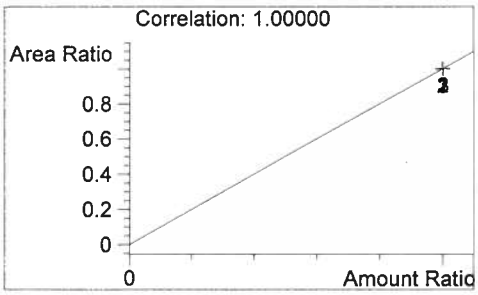
vial # 1



#	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

11012

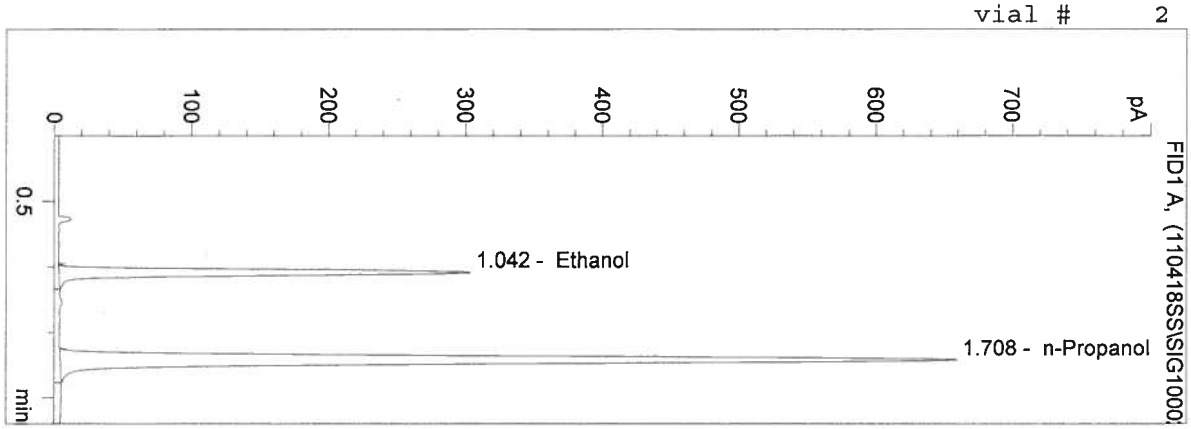
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

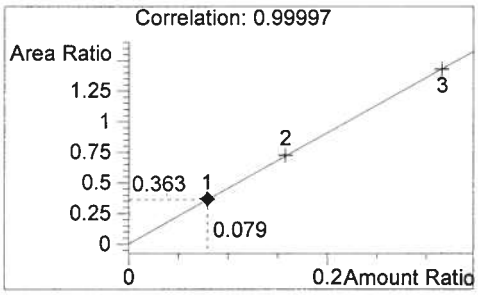
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:21:40 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Sarah Swenson

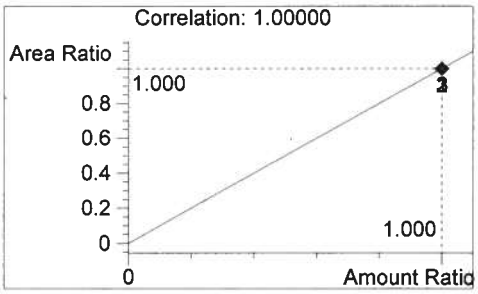
vial # 2



#	Compound	Area	RT
1	Ethanol	934	1.042
2	n-Propanol	2569	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11012

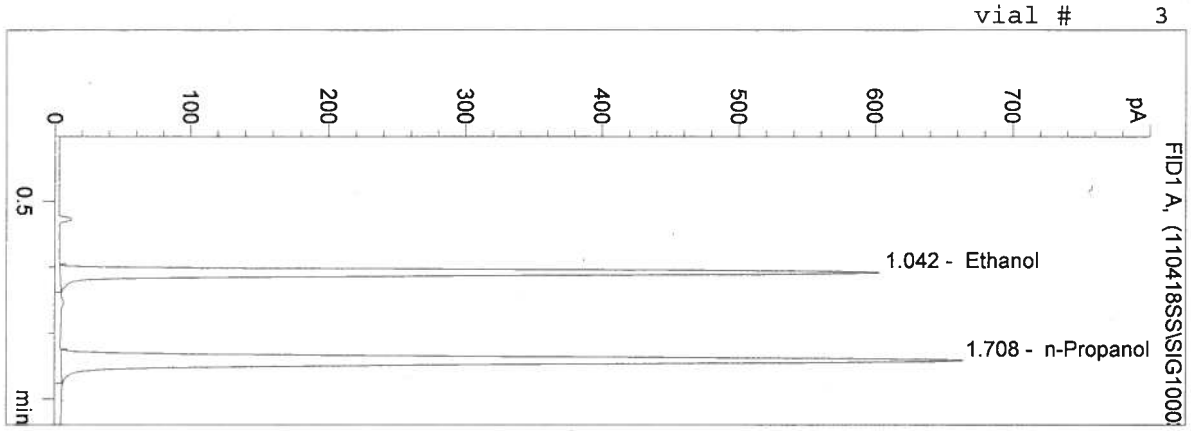
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

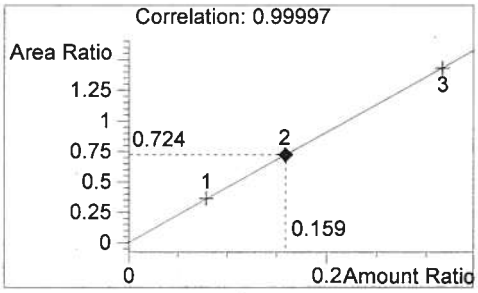
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:24:45 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Sarah Swenson

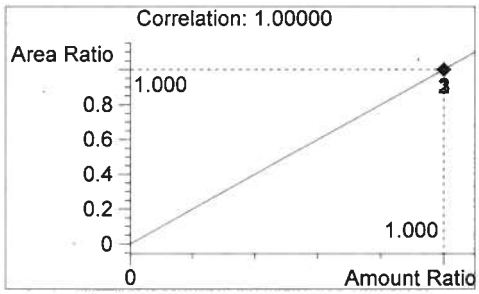
vial # 3



#	Compound	Area	RT
1	Ethanol	1871	1.042
2	n-Propanol	2585	1.708
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11012

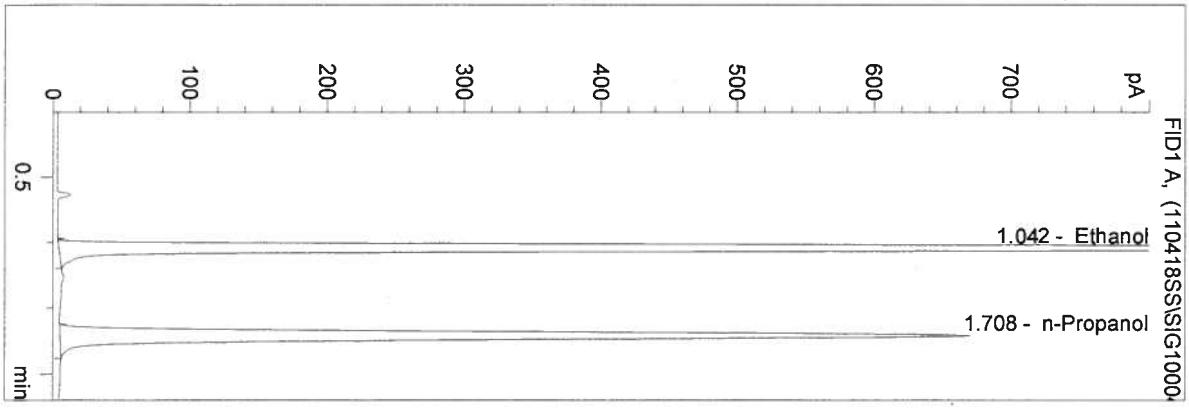
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

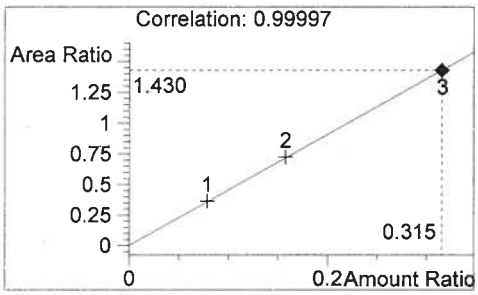
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:27:49 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Sarah Swenson

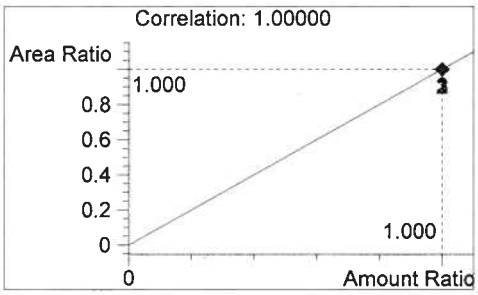
vial # 4



#	Compound	Area	RT
1	Ethanol	3715	1.042
2	n-Propanol	2598	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11012

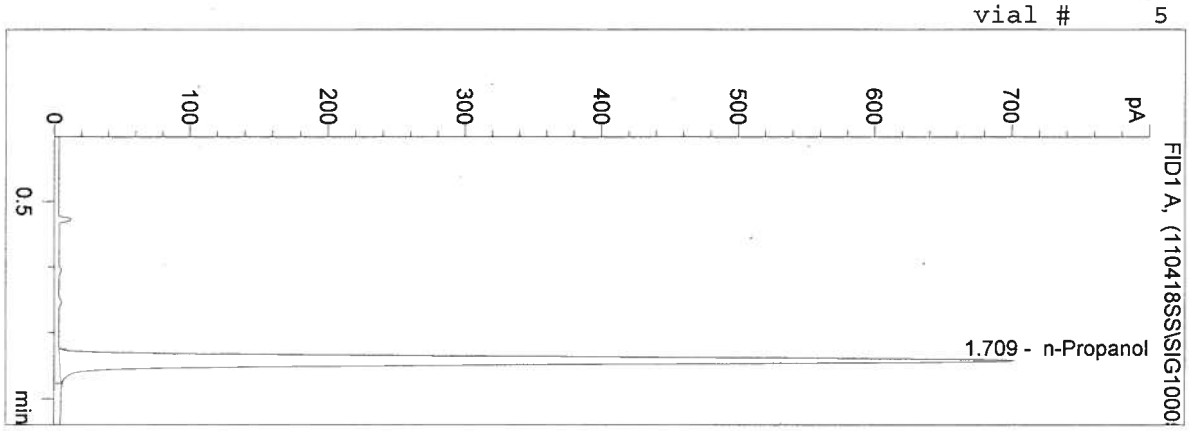
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

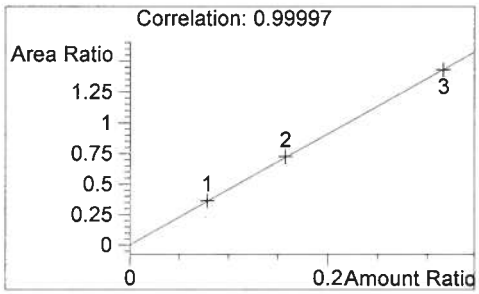
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:30:54 PM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

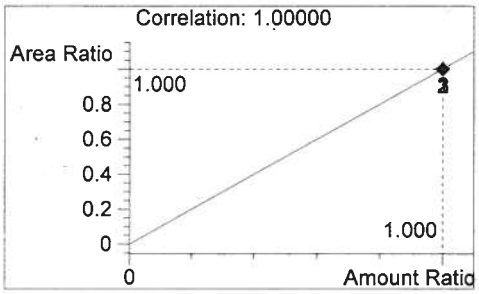
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2733	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

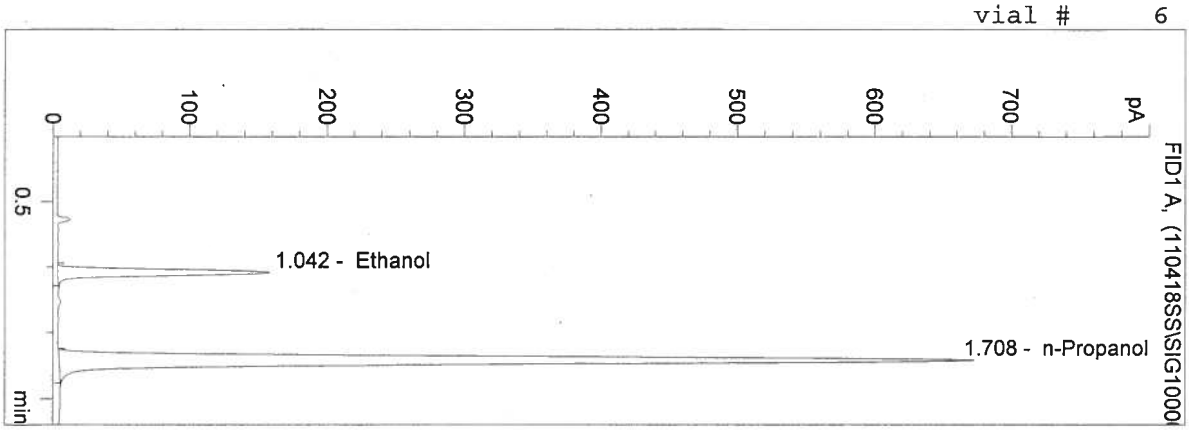
SWS

WASHINGTON STATE TOXICOLOGY LABORATORY

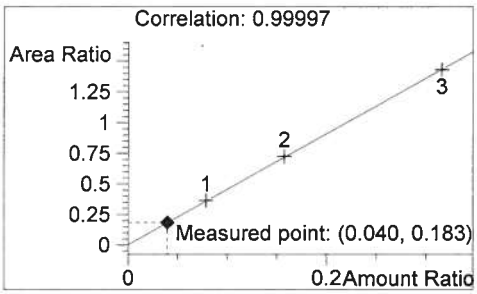
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:33:59 PM
Instrument 1
DB-ALC1

0.04 CTRL-SS
Sarah Swenson

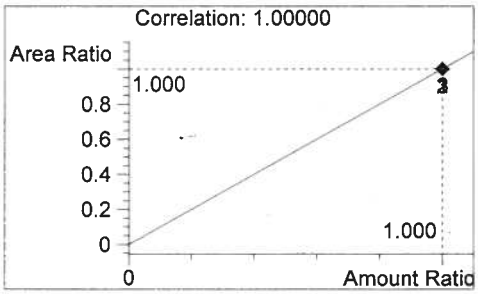
vial # 6



#	Compound	Area	RT
1	Ethanol	480	1.042
2	n-Propanol	2620	1.708
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

11012

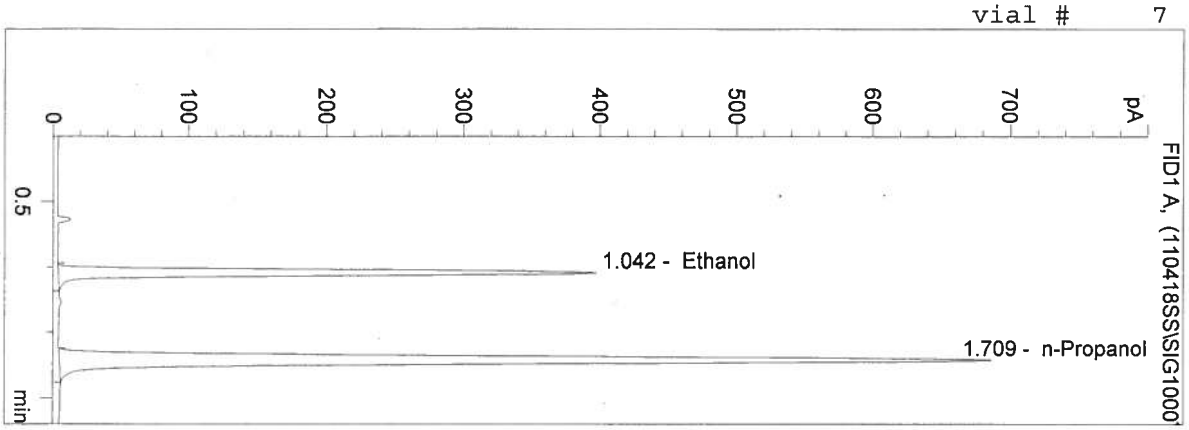
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

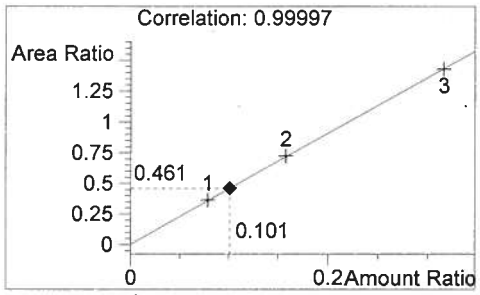
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:37:04 PM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

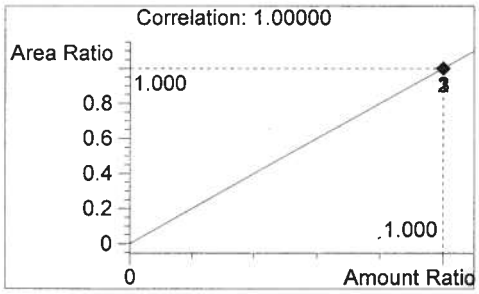
vial # 7



#	Compound	Area	RT
1	Ethanol	1232	1.042
2	n-Propanol	2671	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

11012

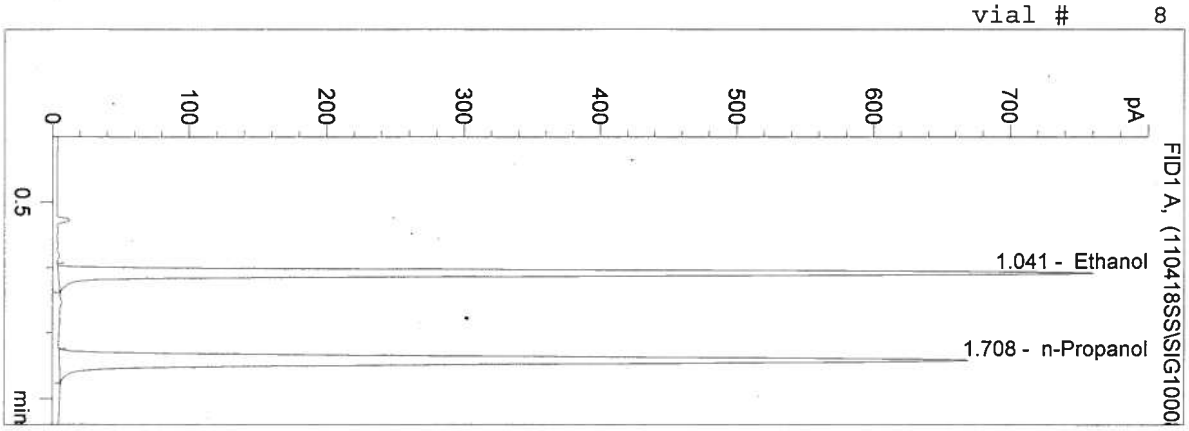
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

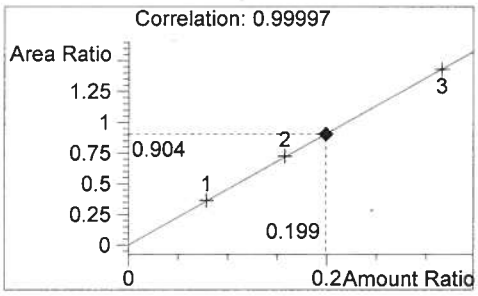
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:40:09 PM
Instrument 1
DB-ALC1

0.20 CTRL-SS
Sarah Swenson

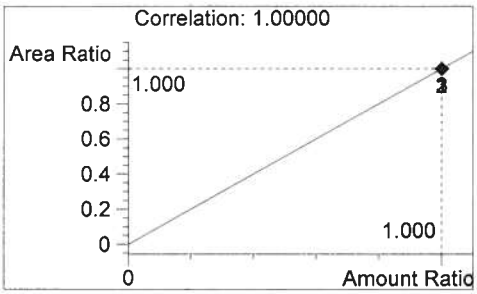
vial # 8



#	Compound	Area	RT
1	Ethanol	2350	1.041
2	n-Propanol	2598	1.708
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

11012

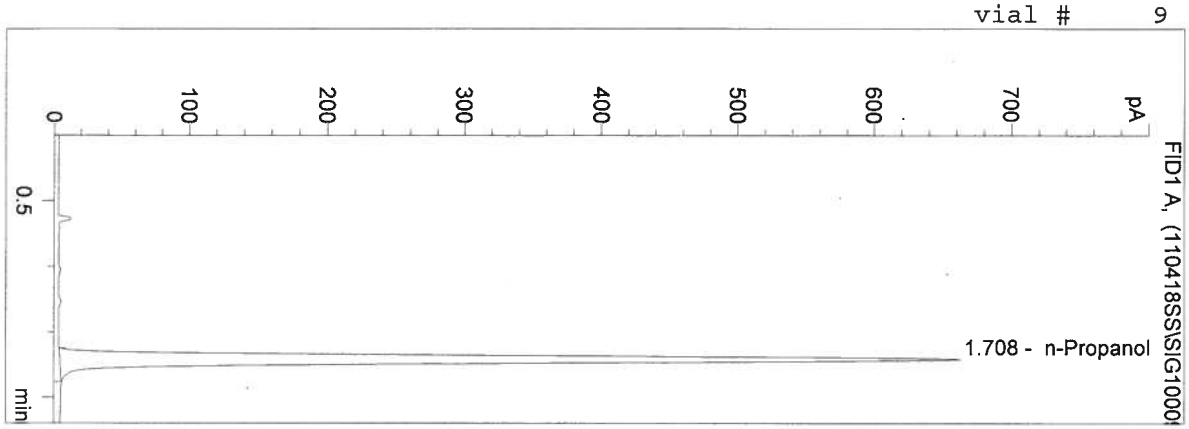
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

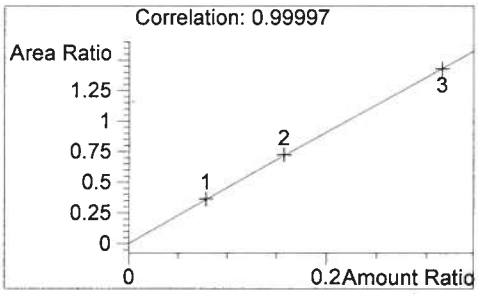
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:43:13 PM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

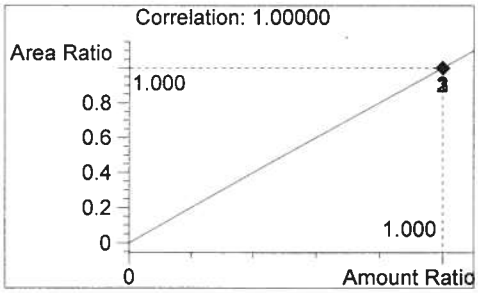
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2578	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

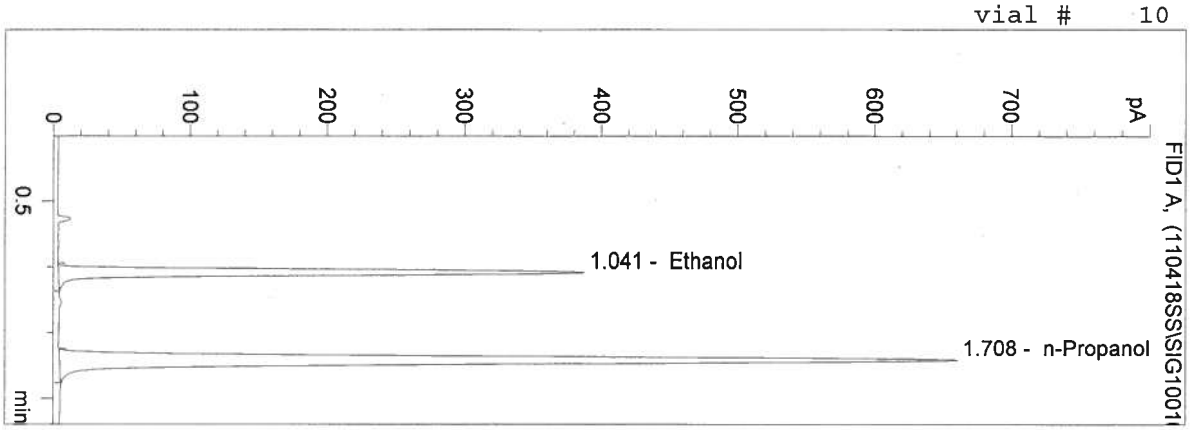
SS

WASHINGTON STATE TOXICOLOGY LABORATORY

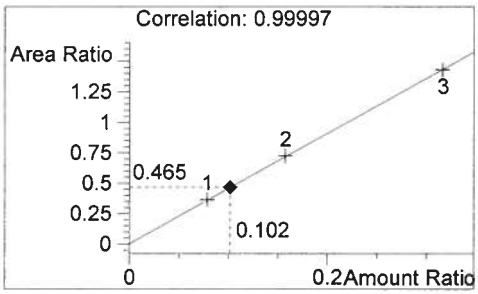
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:46:18 PM
Instrument 1
DB-ALC1

11012 #1
Sarah Swenson

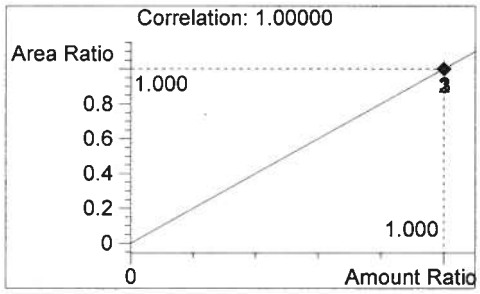
vial # 10



#	Compound	Area	RT
1	Ethanol	1191	1.041
2	n-Propanol	2563	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

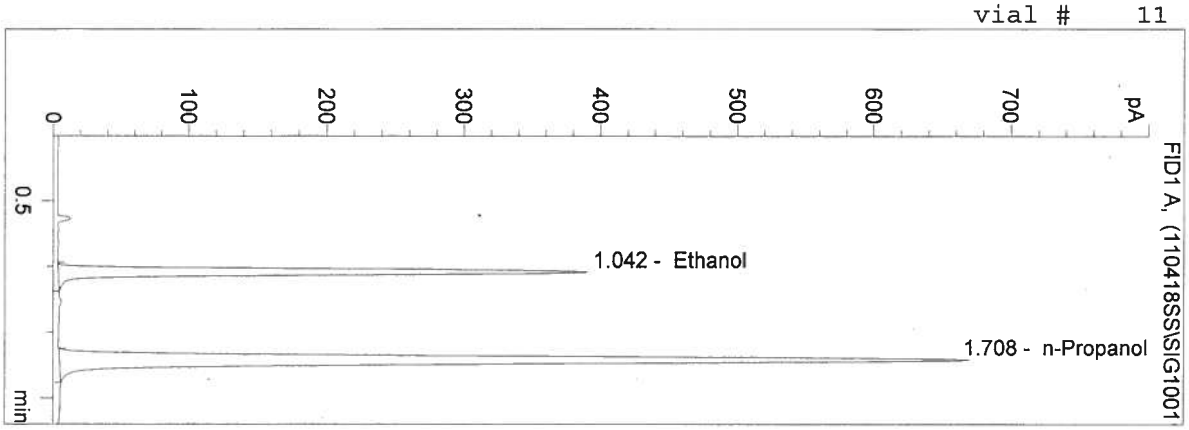
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

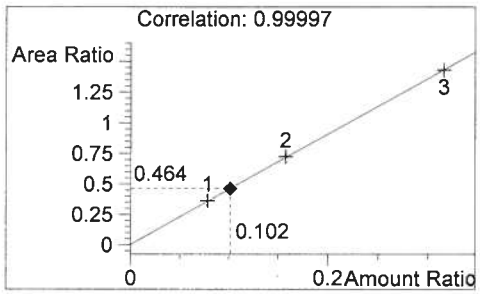
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:49:23 PM
Instrument 1
DB-ALC1

11012 #2
Sarah Swenson

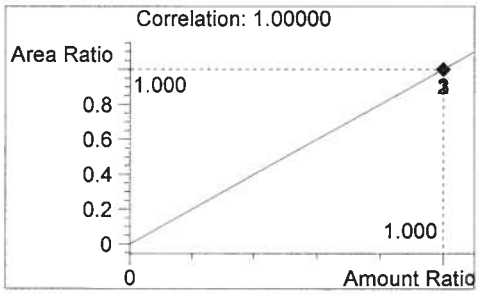
vial # 11



#	Compound	Area	RT
1	Ethanol	1206	1.042
2	n-Propanol	2600	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

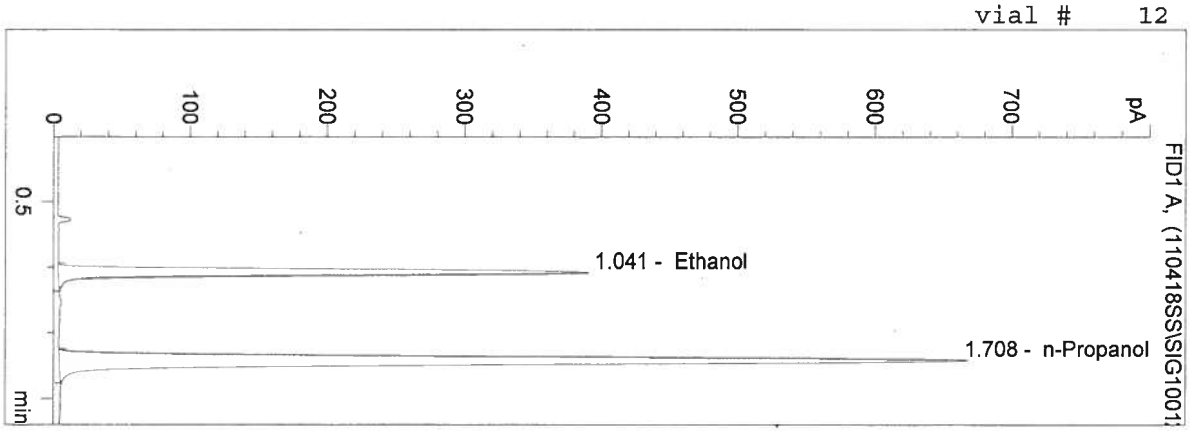
SWS

WASHINGTON STATE TOXICOLOGY LABORATORY

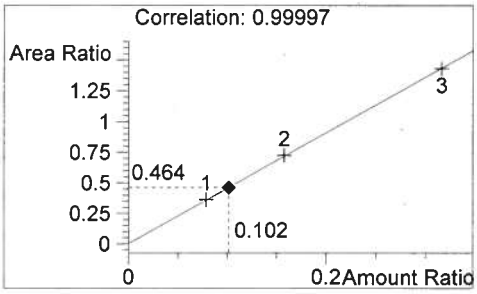
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:52:28 PM
Instrument 1
DB-ALC1

11012 #3
Sarah Swenson

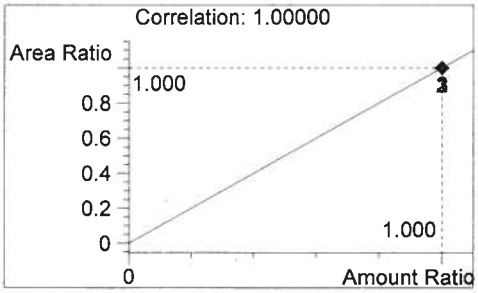
vial # 12



#	Compound	Area	RT
1	Ethanol	1203	1.041
2	n-Propanol	2592	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

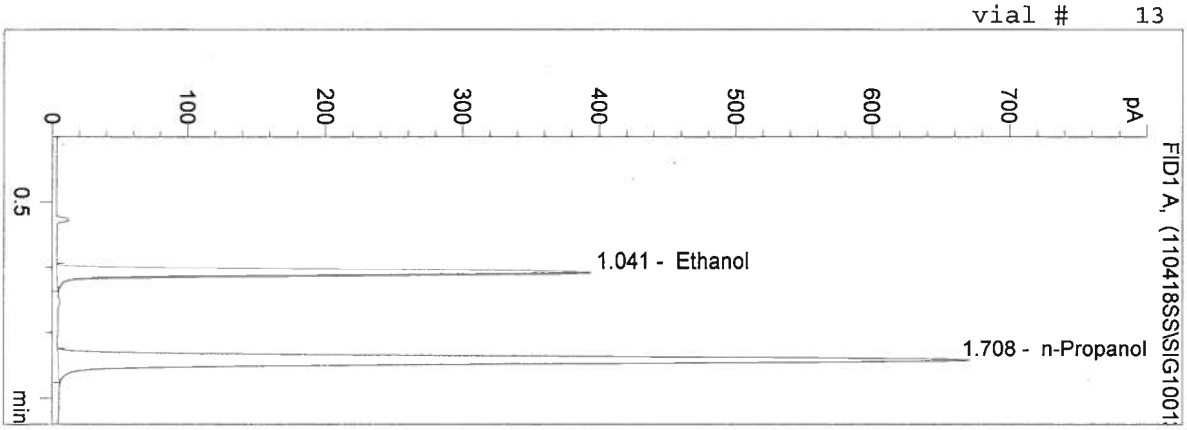
SJS

WASHINGTON STATE TOXICOLOGY LABORATORY

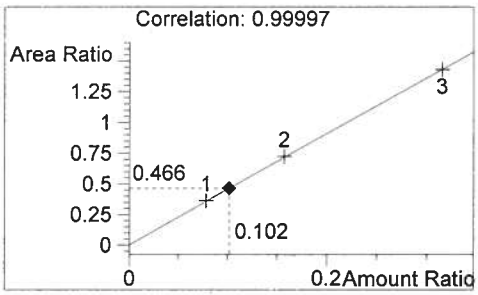
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:55:33 PM
Instrument 1
DB-ALC1

11012 #4
Sarah Swenson

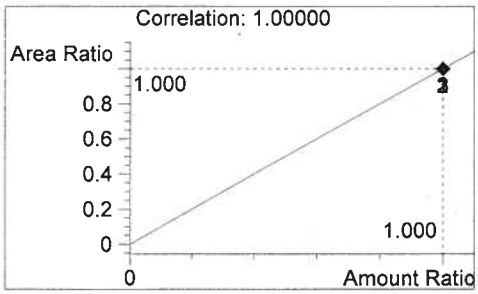
vial # 13



#	Compound	Area	RT
1	Ethanol	1211	1.041
2	n-Propanol	2602	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

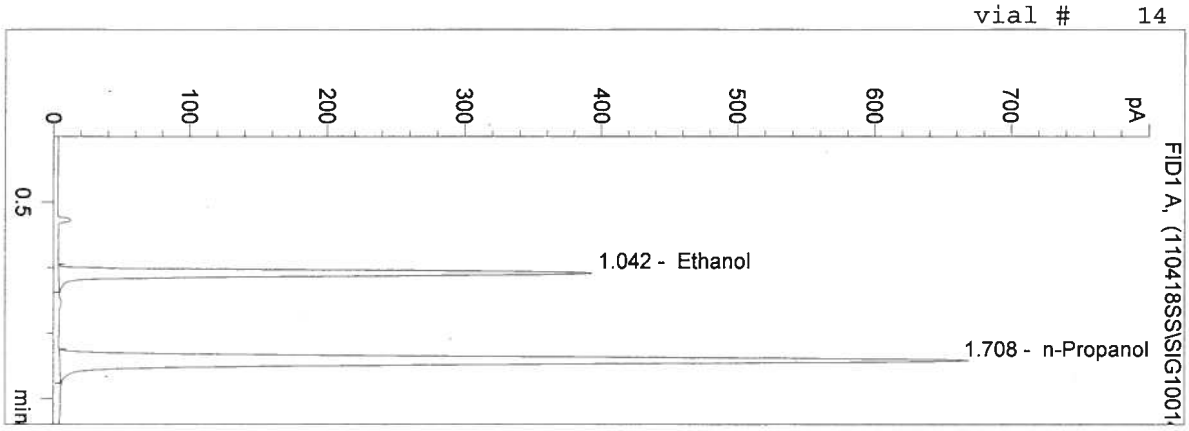
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

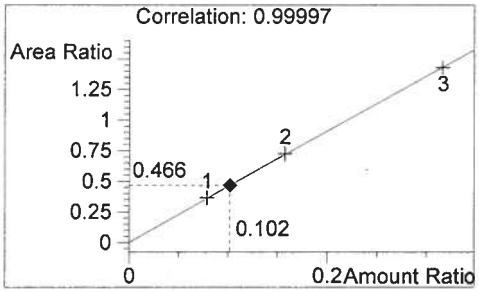
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 4:58:37 PM
Instrument 1
DB-ALC1

11012 #5
Sarah Swenson

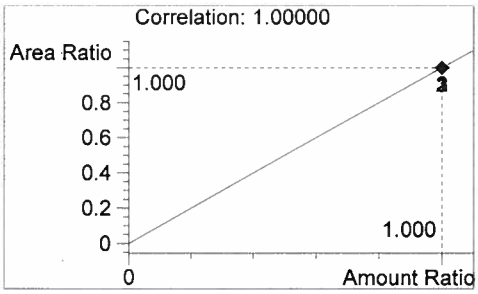
vial # 14



#	Compound	Area	RT
1	Ethanol	1212	1.042
2	n-Propanol	2599	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

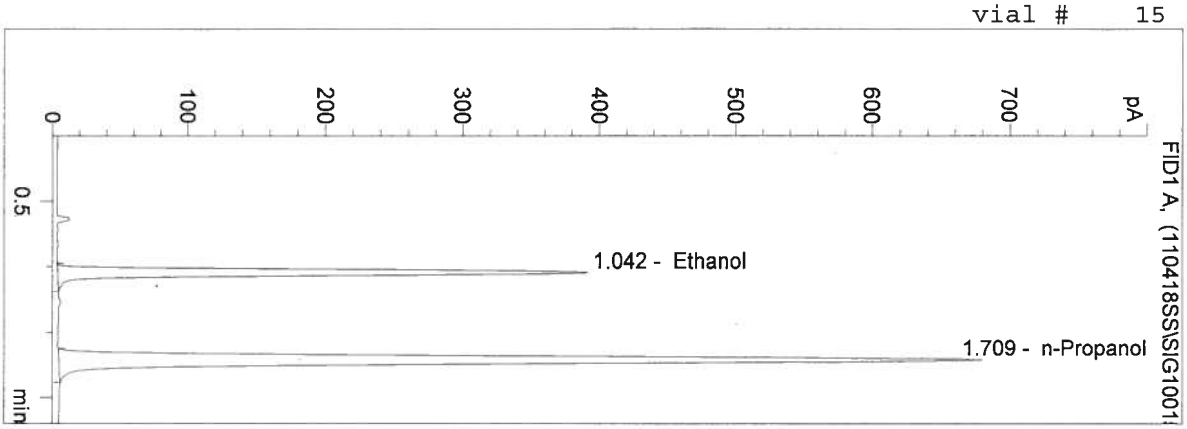
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

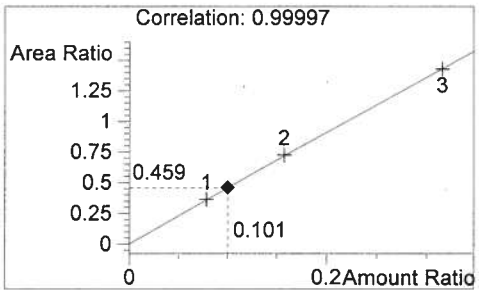
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 5:01:42 PM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

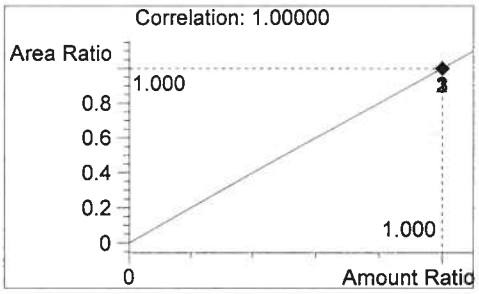
vial # 15



#	Compound	Area	RT
1	Ethanol	1215	1.042
2	n-Propanol	2648	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

11012

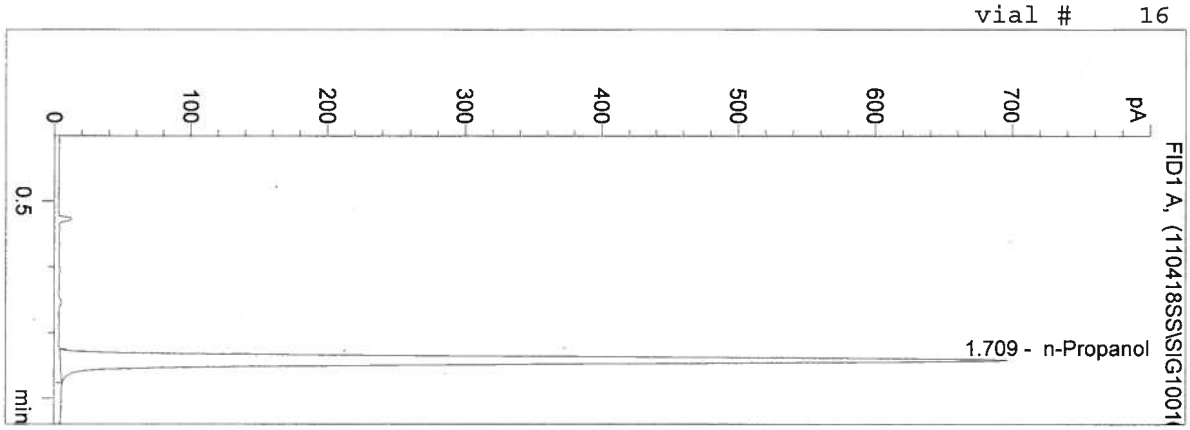
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

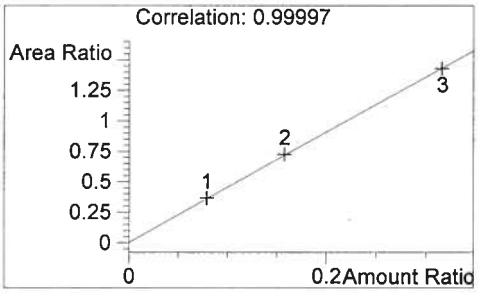
C:\HPCHEM\1\METHODS\SIMALC1.M
4/18/2011 5:04:47 PM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

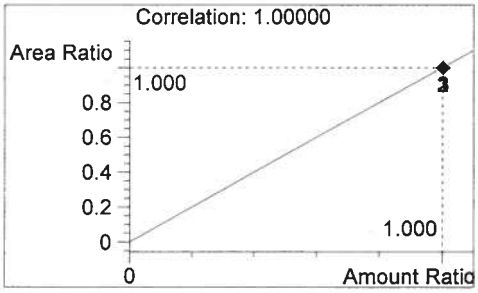
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2714	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11012

SMS

Sequence Parameters:

Operator:	Christie Mitchell
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110419CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A075264 exp 10/2014
0.10 Control Lot#A075806 exp 11/2014
0.20 Control Lot#A073849 exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	11012 #1	SIMALC1	1	Sample		
11	Vial 11	11012 #2	SIMALC1	1	Sample		
12	Vial 12	11012 #3	SIMALC1	1	Sample		
13	Vial 13	11012 #4	SIMALC1	1	Sample		
14	Vial 14	11012 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		

CM

Calibration Part:

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

1012

Sequence Table (Back Injector):

No entries - empty table!

CM

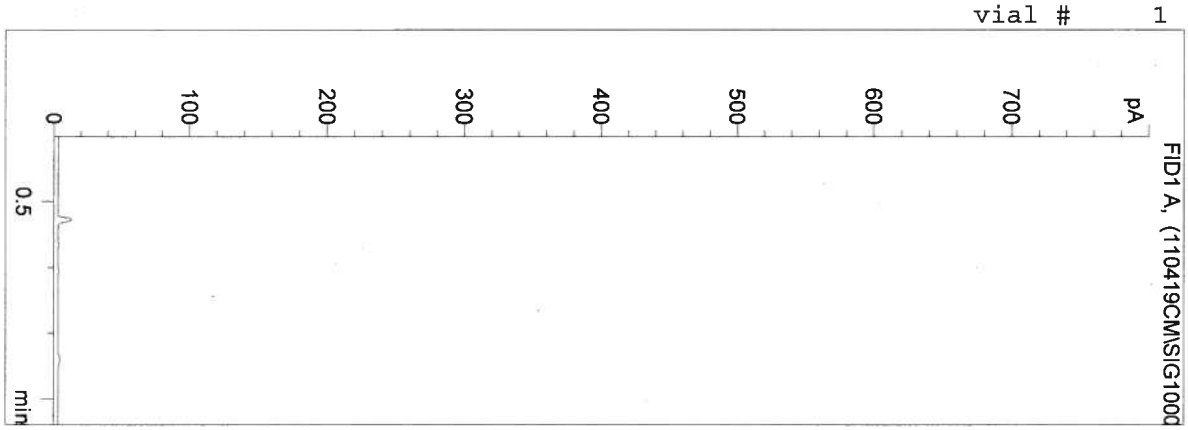
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

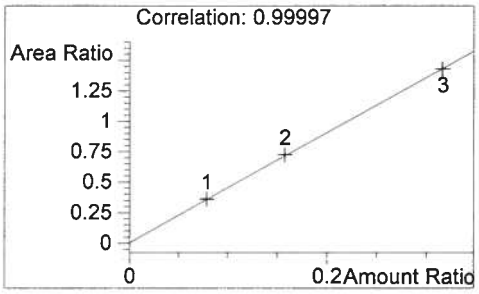
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:06:22 AM
Instrument 1
DB-ALC1

BLANK
Christie Mitchell

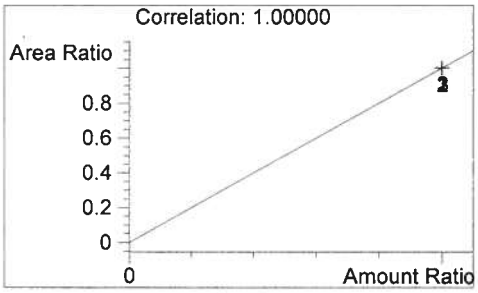
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

CM

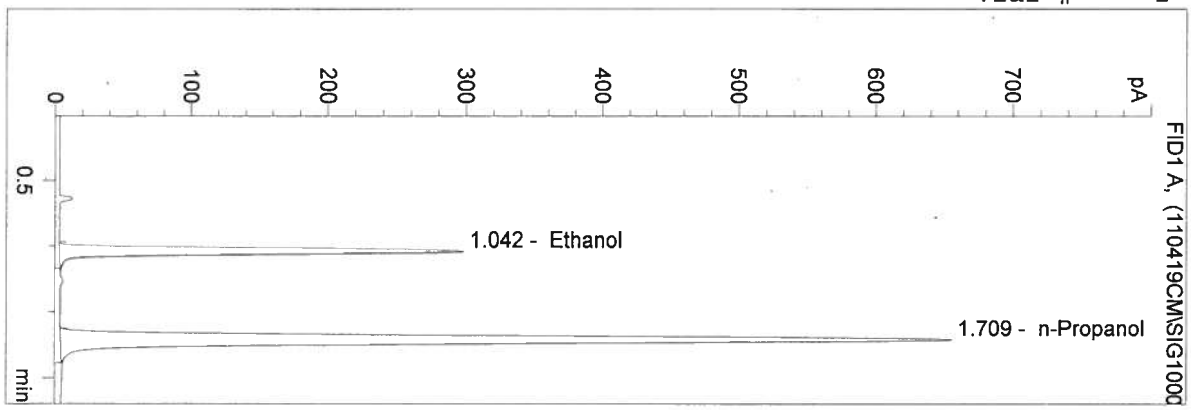
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

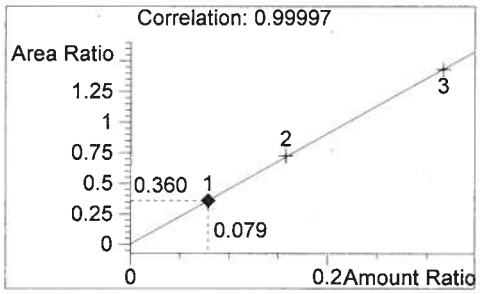
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:09:27 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Christie Mitchell

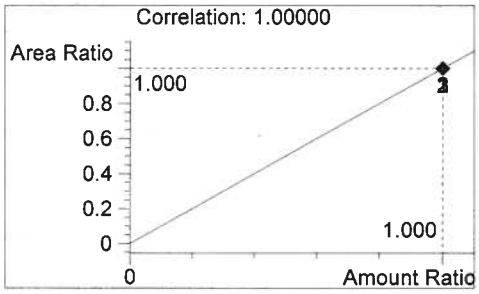
vial # 2



#	Compound	Area	RT
1	Ethanol	918	1.042
2	n-Propanol	2548	1.709
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

CM

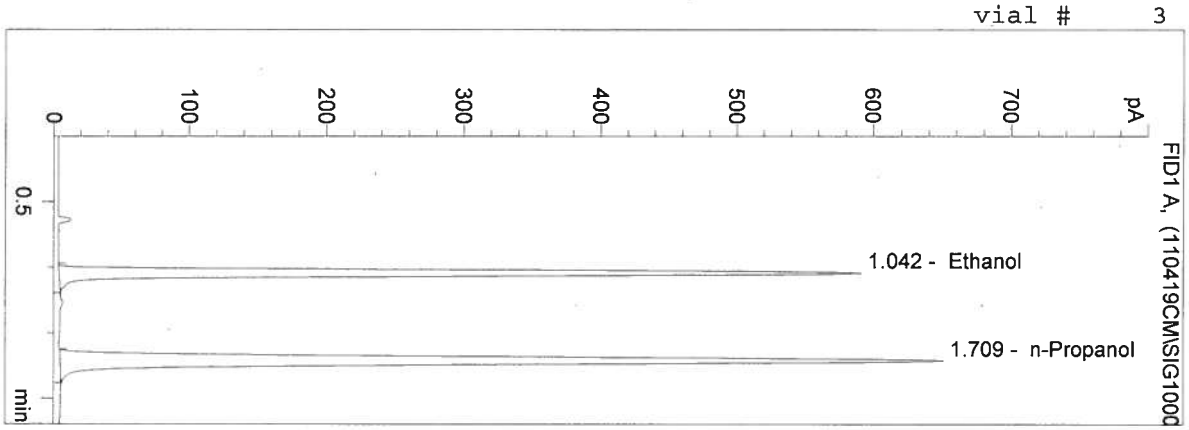
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

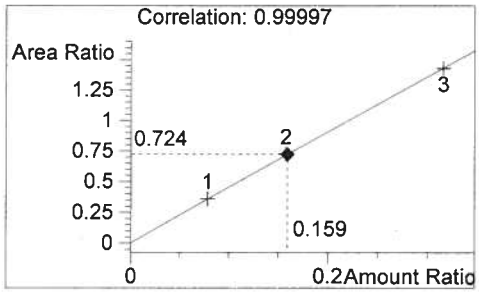
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:12:32 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Christie Mitchell

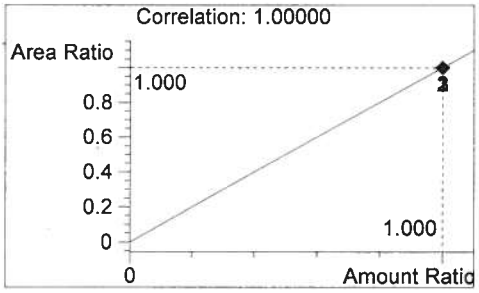
vial # 3



#	Compound	Area	RT
1	Ethanol	1837	1.042
2	n-Propanol	2538	1.709
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

CM

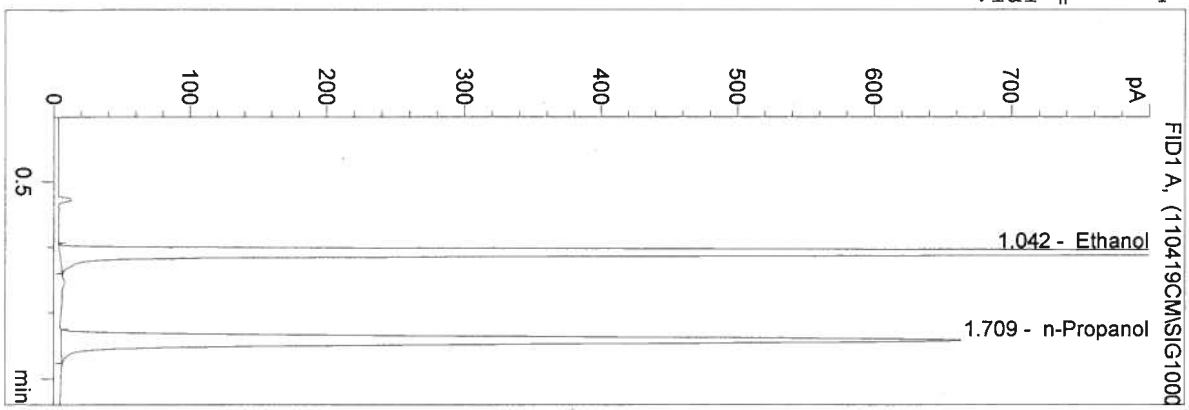
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

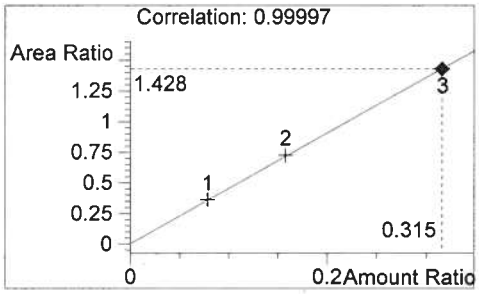
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:15:37 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Christie Mitchell

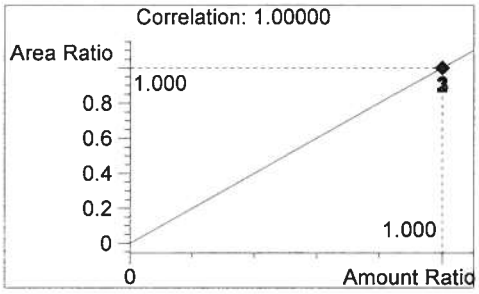
vial # 4



#	Compound	Area	RT
1	Ethanol	3683	1.042
2	n-Propanol	2578	1.709
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

CM

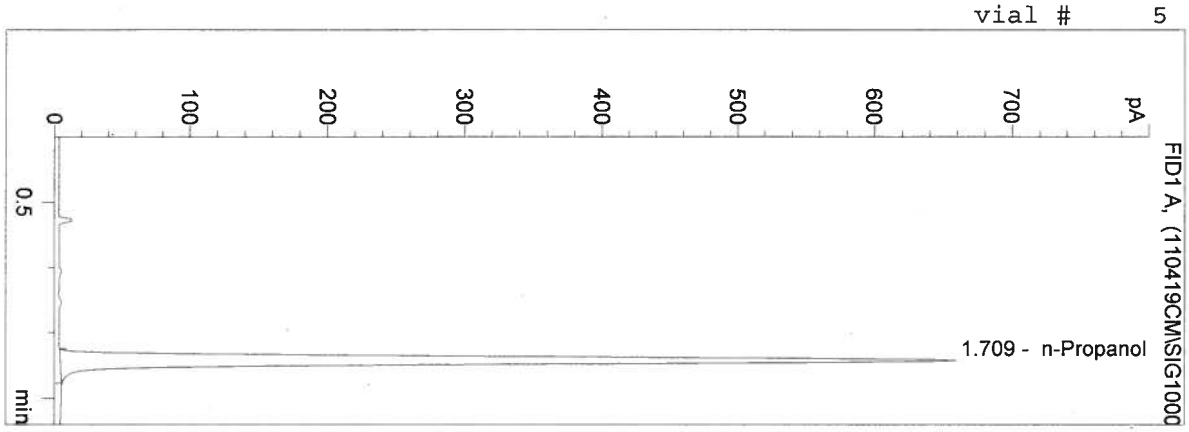
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

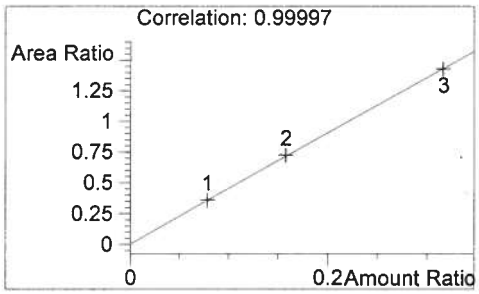
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:18:41 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

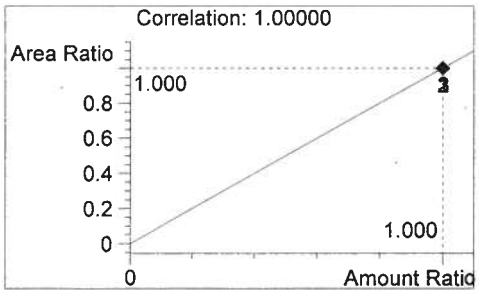
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2567	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

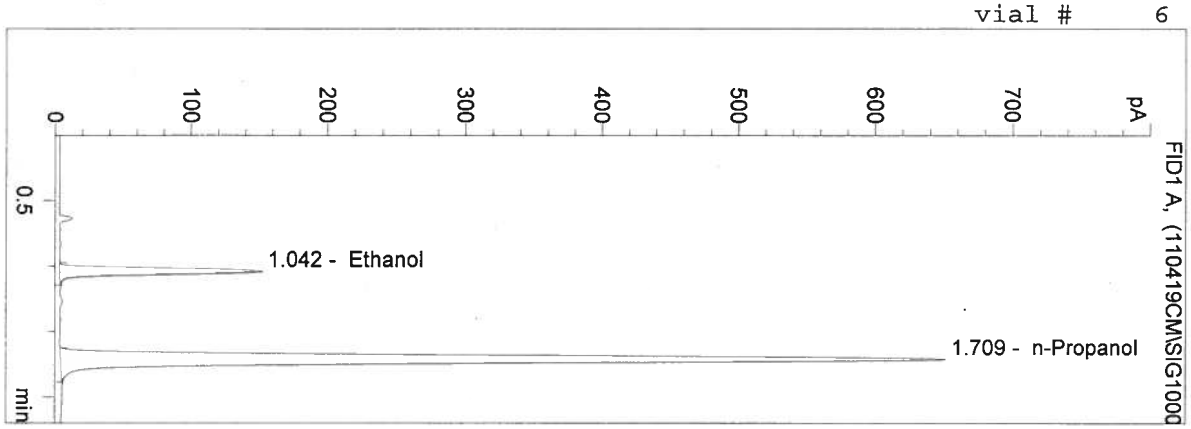
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

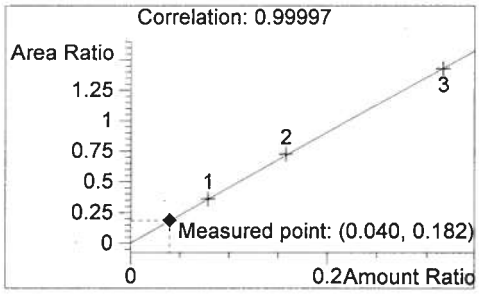
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:21:46 AM
Instrument 1
DB-ALC1

0.04 CTRL - CM
Christie Mitchell

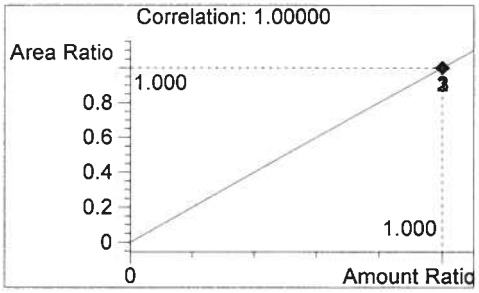
vial # 6



#	Compound	Area	RT
1	Ethanol	462	1.042
2	n-Propanol	2536	1.709
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

CM

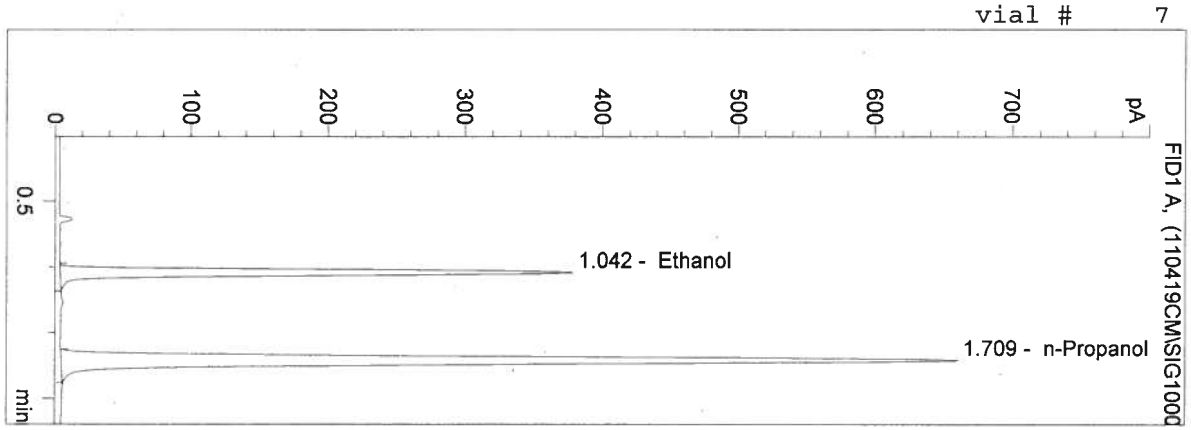
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

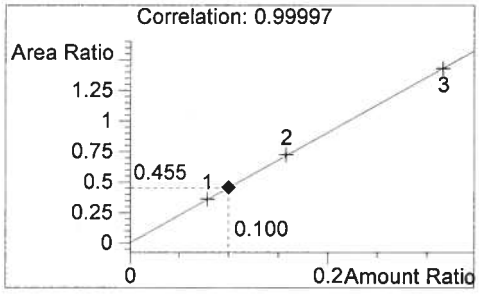
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:24:51 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

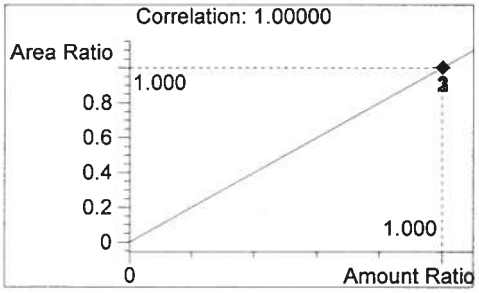
vial # 7



#	Compound	Area	RT
1	Ethanol	1170	1.042
2	n-Propanol	2574	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

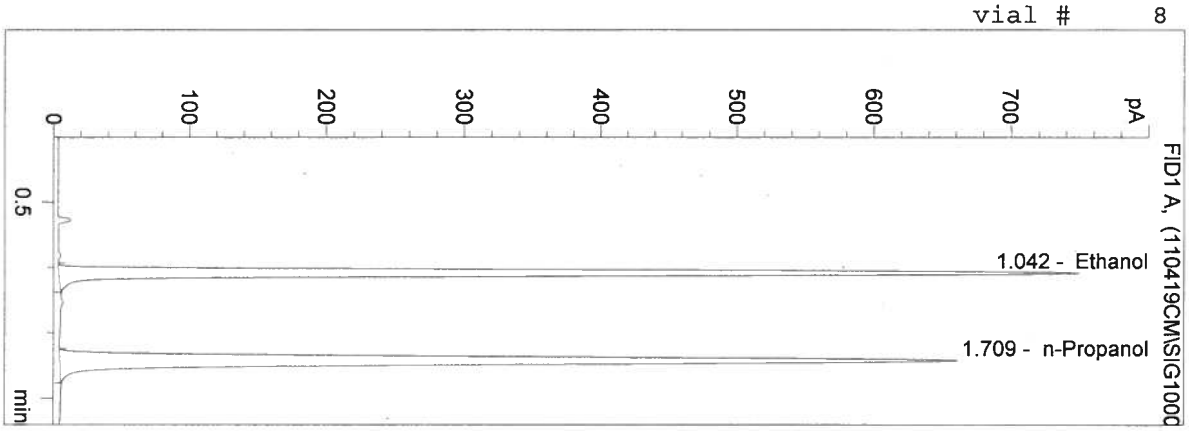
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

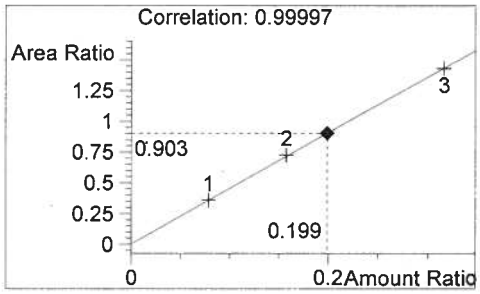
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:27:56 AM
Instrument 1
DB-ALC1

0.20 CTRL - CM
Christie Mitchell

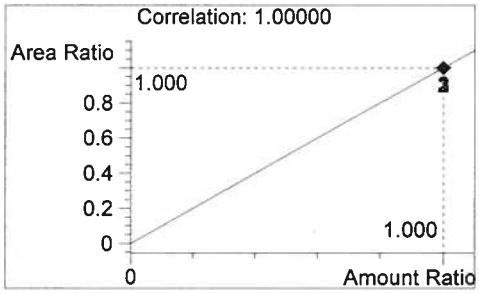
vial # 8



#	Compound	Area	RT
1	Ethanol	2321	1.042
2	n-Propanol	2570	1.709
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

CM

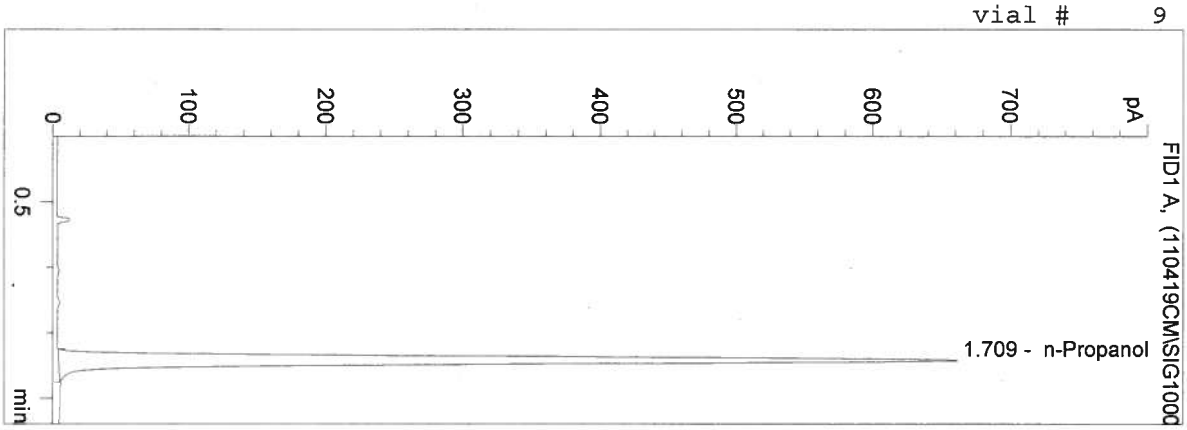
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

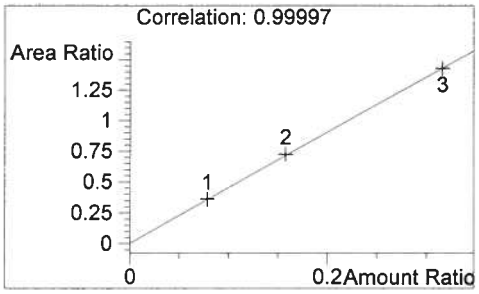
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:31:00 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

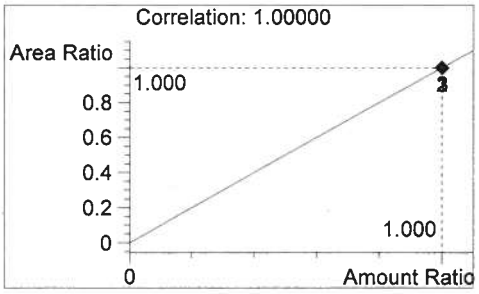
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2576	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

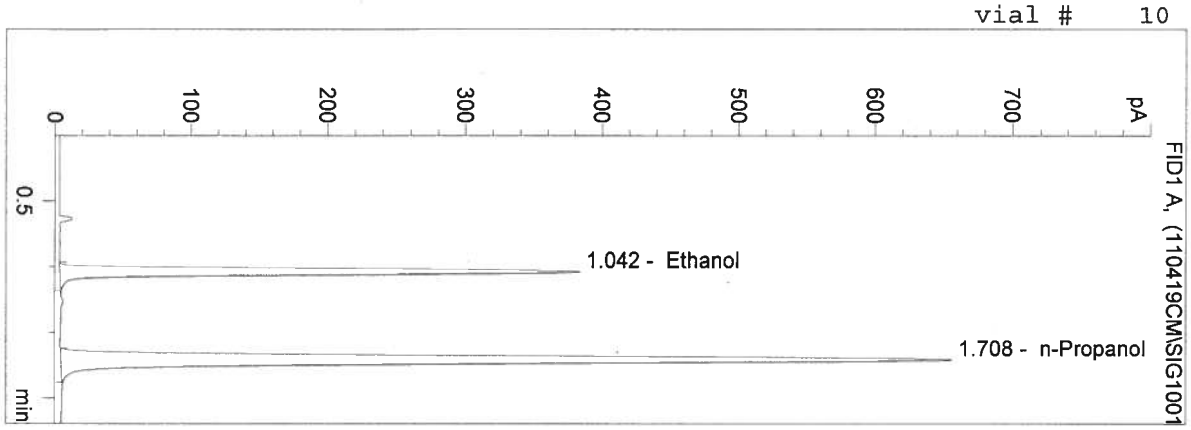
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

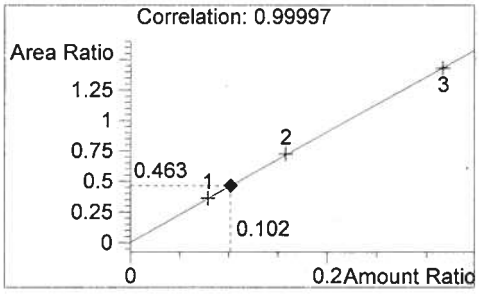
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:34:05 AM
Instrument 1
DB-ALC1

11012 #1
Christie Mitchell

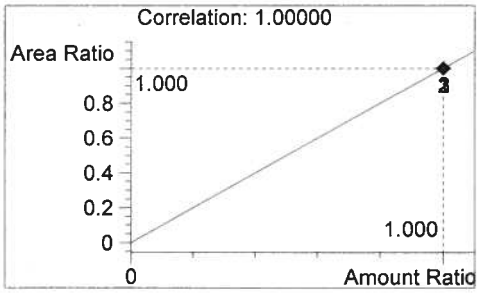
vial # 10



#	Compound	Area	RT
1	Ethanol	1183	1.042
2	n-Propanol	2551	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

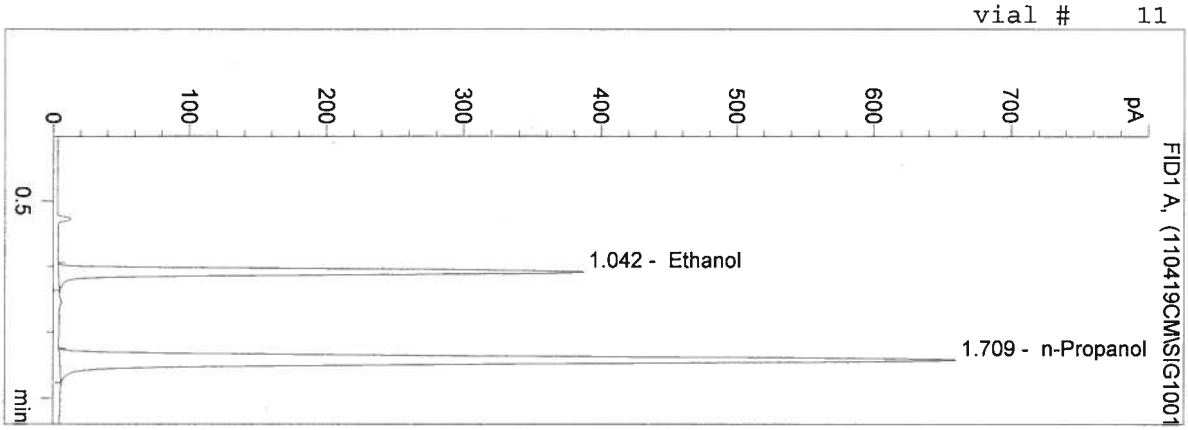
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

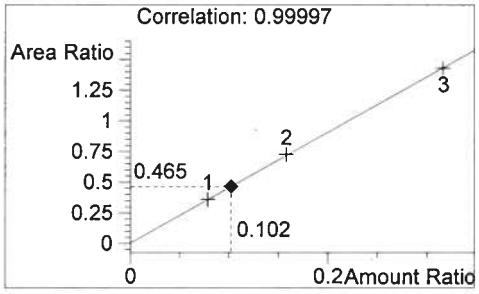
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:37:10 AM
Instrument 1
DB-ALC1

11012 #2
Christie Mitchell

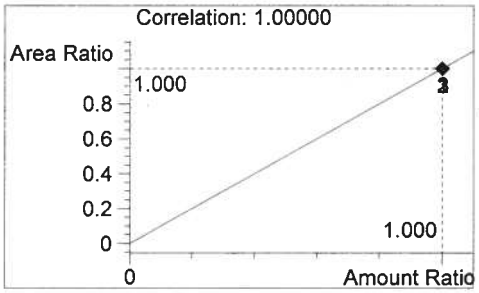
vial # 11



#	Compound	Area	RT
1	Ethanol	1195	1.042
2	n-Propanol	2570	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

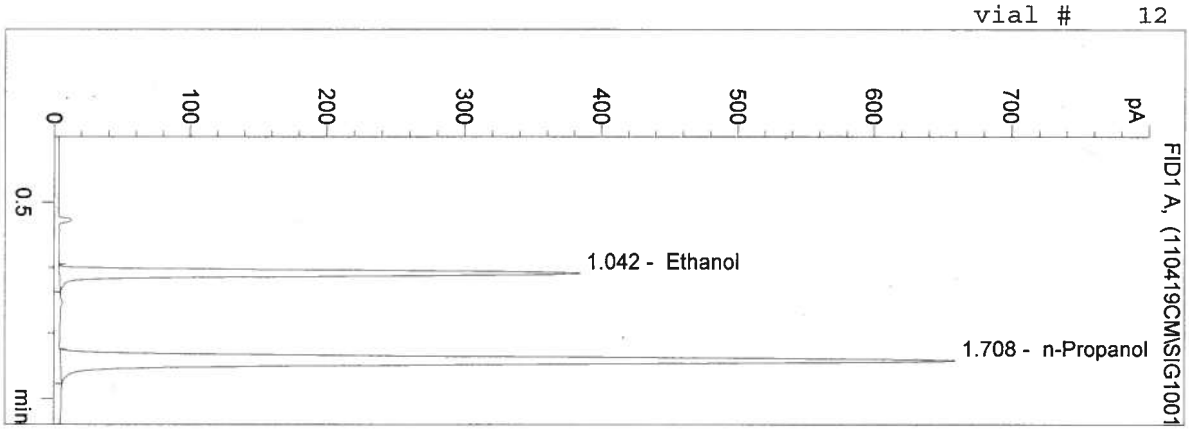
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

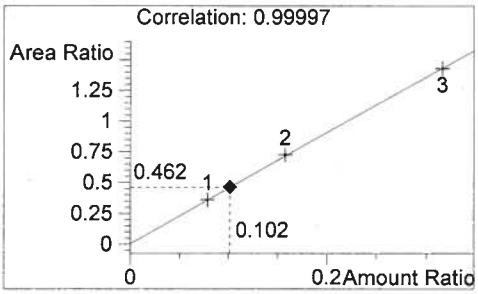
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:40:14 AM
Instrument 1
DB-ALC1

11012 #3
Christie Mitchell

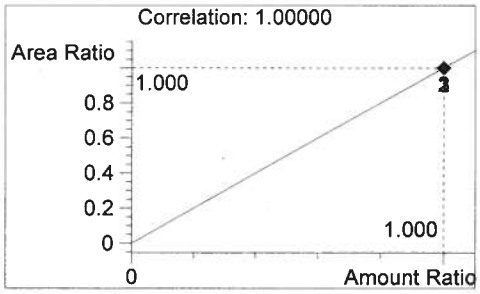
vial # 12



#	Compound	Area	RT
1	Ethanol	1187	1.042
2	n-Propanol	2568	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

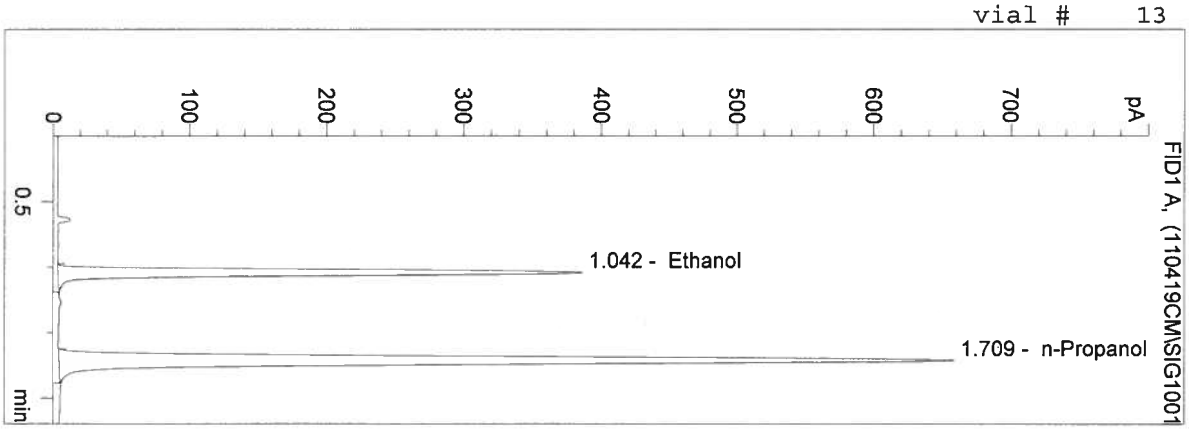
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

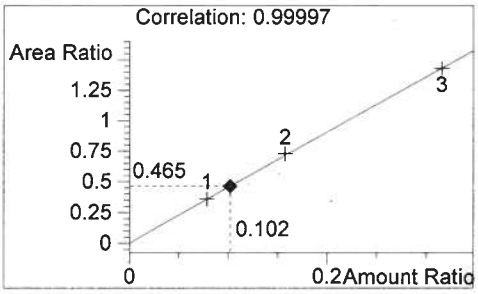
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:43:19 AM
Instrument 1
DB-ALC1

11012 #4
Christie Mitchell

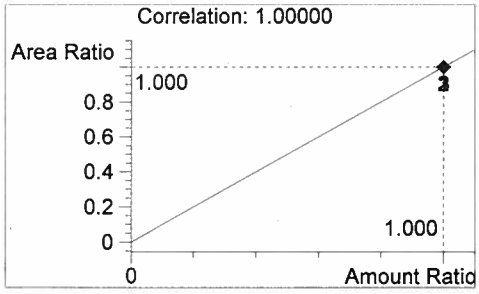
vial # 13



#	Compound	Area	RT
1	Ethanol	1191	1.042
2	n-Propanol	2564	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

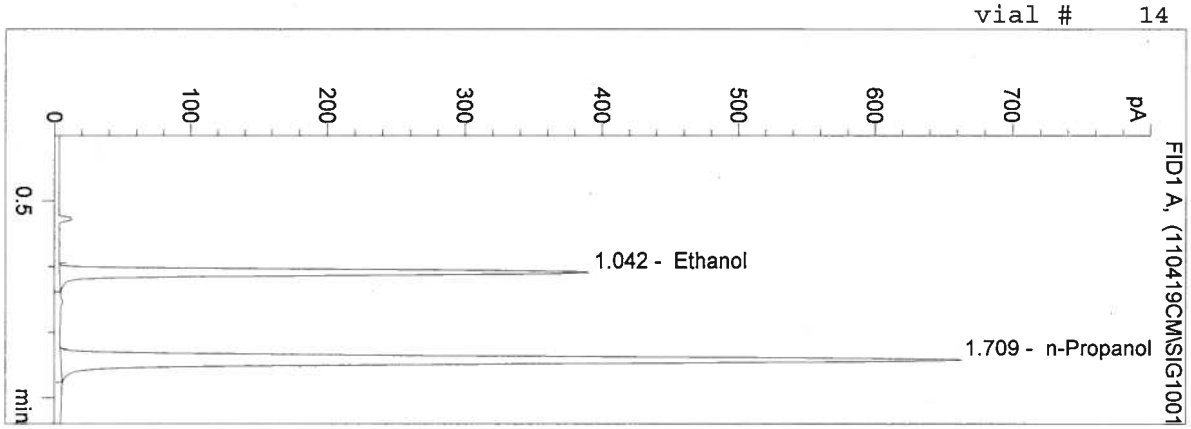
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

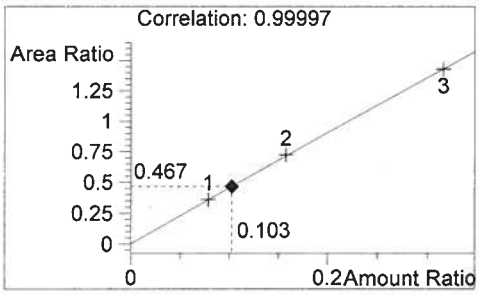
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:46:24 AM
Instrument 1
DB-ALC1

11012 #5
Christie Mitchell

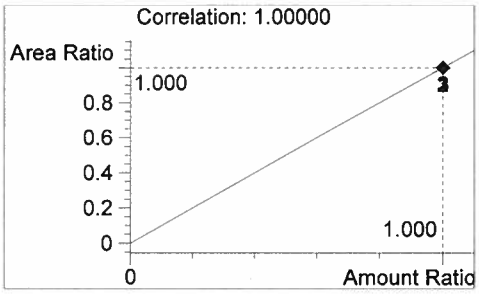
vial # 14



#	Compound	Area	RT
1	Ethanol	1205	1.042
2	n-Propanol	2581	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

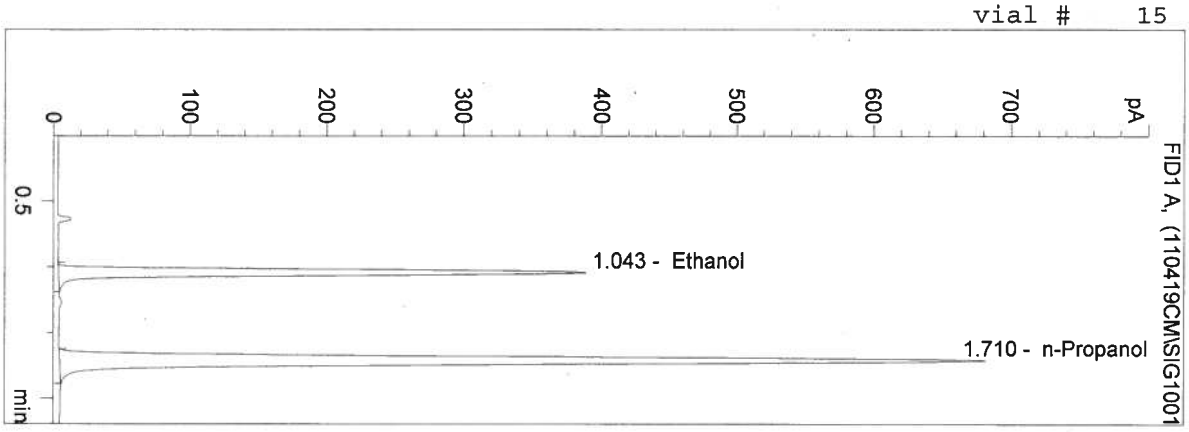
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

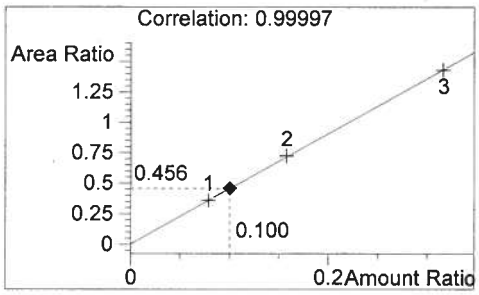
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:49:29 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

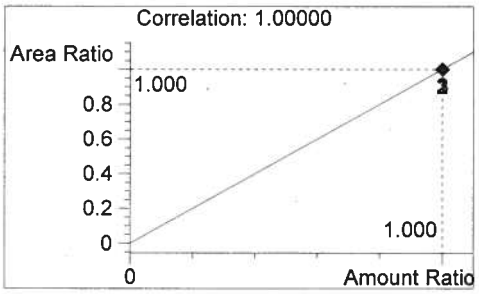
vial # 15



#	Compound	Area	RT
1	Ethanol	1214	1.043
2	n-Propanol	2664	1.710
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

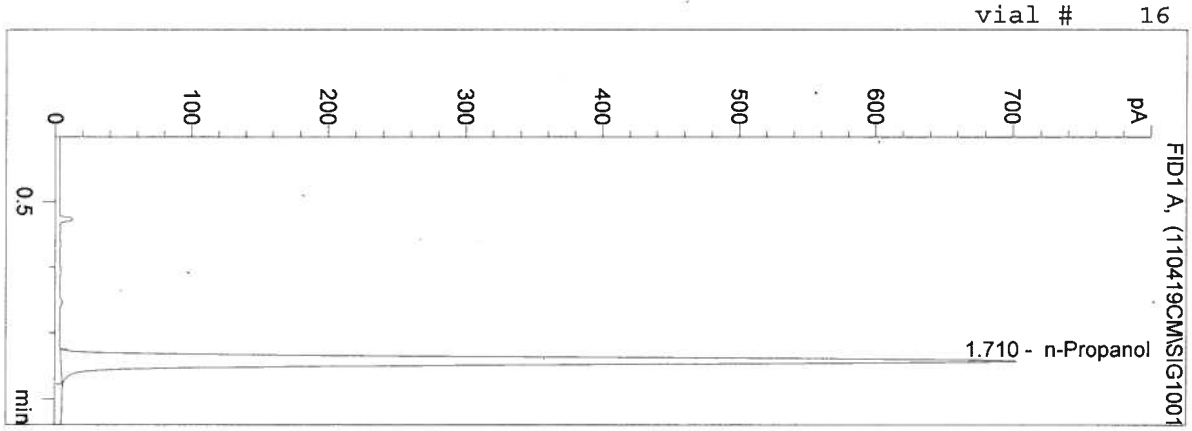
11012

WASHINGTON STATE TOXICOLOGY LABORATORY

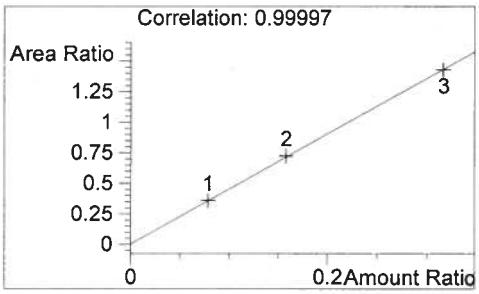
C:\HPCHEM\1\METHODS\SIMALC1.M
4/19/2011 9:52:33 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

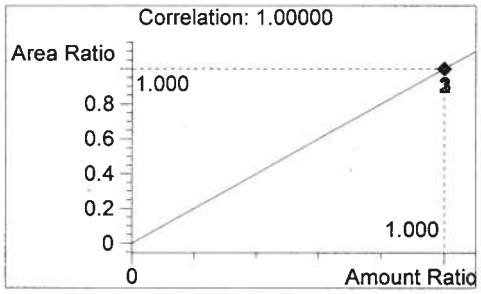
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2744	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11012

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 4-14-2011 Initials of Preparer: JK

Expiration Date: 4-14-2012

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

Date the 200-proof Ethanol bottle was opened: 3/21/2011

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	☑	11012

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 4-14-11 Date

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

Comments:

Analyst Signature 4-14-11 Date