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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 11002

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: 01/20/2011
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Brianna Peterson

	BP	CM	RF	JLK	SS	CSJ	AB	AJL
1	0.101	0.101	0.101	0.101	0.100	0.101	0.102	0.101
2	0.102	0.101	0.101	0.101	0.100	0.101	0.101	0.101
3	0.101	0.100	0.101	0.101	0.101	0.100	0.101	0.101
4	0.101	0.101	0.101	0.101	0.100	0.101	0.101	0.101
5	0.101	0.101	0.101	0.102	0.101	0.101	0.102	0.102
C	0.097	0.094	0.100	0.100	0.099	0.098	0.098	0.098

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1010 g/100mL
STANDARD DEVIATION: 0.00051
PRECISION CV (%): 0.50
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0821 g/210L**
EXPANDED UNCERTAINTY: ± 0.0038 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 — Melissa L. Pemberton, Forensic Scientist Supervisor
2-7-2011 — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BP	Brianna Peterson	Brianna Peterson	01/20/2011
CM	Christie Mitchell	Christie Mitchell	01/21/2011
RF	Rebecca Flaherty	Rebecca Flaherty	01/21/2011
JLK	Justin L. Knoy	Justin L. Knoy	01/25/2011
SS	Sarah Swenson	Sarah Swenson	01/25/2011
CSJ	Christopher S. Johnston	Christopher S. Johnston	01/27/2011
AB	Amanda Black	Amanda Black	01/27/2011
AJL	Asa J. Louis	Asa J. Louis	02/01/2011

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 #: 11002 **Date Prepared: 1/20/2011**

Analyst:	BP	CM	RF	JLK	SS	CSJ	AB	AJL
Date Tested:	1/20/2011	1/21/2011	1/21/2011	1/25/2011	1/25/2011	1/27/2011	1/27/2011	2/1/2011
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.101	0.101	0.101	0.101	0.100	0.101	0.102	0.101
2	0.102	0.101	0.101	0.101	0.100	0.101	0.101	0.101
3	0.101	0.100	0.101	0.101	0.101	0.100	0.101	0.101
4	0.101	0.101	0.101	0.101	0.100	0.101	0.101	0.101
5	0.101	0.101	0.101	0.102	0.101	0.101	0.102	0.102
C	0.097	0.094	0.100	0.100	0.099	0.098	0.098	0.098

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000251358	0.0003867436	0.0001016326

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

Average Solution Concentration: 0.1010 g/100mL
Standard Deviation: 0.00051 g/100mL
Precision CV (%): 0.50
Equivalent Vapor Concentration: 0.0821 g/210L
Combined Standard Uncertainty (±): 0.0019 g/210L
Expanded Uncertainty (±): 0.0038 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 2-2-2011
Name Signature Date

Calculations verified by: Jason Skleruv [signature] 2-7-11
Name Signature Date

Method: Hand Calculator

Technical review of batch file performed by:

Melissa L. Pemberton [signature] 2-7-11
Name Signature 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	AB	2-2-11
Asa Louis	AL	20110202
Brian Capron		
Brianna Peterson	BP	2/2/11
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell	CM	2/2/2011
Christopher Johnston	CJ	2/2/2011
Dawn Cox		
Justin Knoy	JK	2-2-11
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	2-3-11
Sarah Swenson	SMS	2/2/11

E11002

Batch # _____

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 11002

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 11002, was prepared in the Washington State Toxicology Laboratory on 1/20/2011. 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 1/20/2012.

Seattle, WA

Brianna Peterson 2/2/11

Brianna Peterson Date

Forensic Toxicologist

BP/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11002

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 and MFS degree in Forensic Science.

The external standard solution, Lot Number 11002, was prepared in the Washington State Toxicology Laboratory on 1/20/2011. 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 1/20/2012.

Seattle, WA

Christie Mitchell 2/2/2011

Christie Mitchell Date

Forensic Toxicologist

CM/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11002

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 11002, was prepared in the Washington State Toxicology Laboratory on 1/20/2011. 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 1/20/2012.

Seattle, WA

2-3-11

Rebecca Flaherty Date

Forensic Toxicologist

RF/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11002

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 11002, was prepared in the Washington State Toxicology Laboratory on 1/20/2011. 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 1/20/2012.

Seattle, WA

2-2-11

Justin L. Knoy — Date
Forensic Toxicologist

JLK/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11002

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 seven years of experience in forensic toxicology.

The external standard solution, Lot Number 11002, was prepared in the Washington State Toxicology Laboratory on 1/20/2011. 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 1/20/2012.

Seattle, WA

2/2/11

Sarah M. Swenson — Date

Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11002

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 11002, was prepared in the Washington State Toxicology Laboratory on 1/20/2011. 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 1/20/2012.

Seattle, WA

2/2/2011

Christopher S. Johnston — Date

Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11002

I, Amanda M. Black, 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 Chemistry and Veterinary Science.

The external standard solution, Lot Number 11002, was prepared in the Washington State Toxicology Laboratory on 1/20/2011. 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 1/20/2012.

Seattle, WA

2-2-2011

Amanda M. Black Date
Forensic Toxicologist

AB/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11002

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 11002, was prepared in the Washington State Toxicology Laboratory on 1/20/2011. 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 1/20/2012.

Seattle, WA

20110202

Asa J. Louis Date

Forensic Toxicologist

AJL/ik

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

Sequence Parameters:

Operator:	Brianna Peterson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110120BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
10	Vial 10	11002 #1	SIMALC1	1	Sample		
11	Vial 11	11002 #2	SIMALC1	1	Sample		
12	Vial 12	11002 #3	SIMALC1	1	Sample		
13	Vial 13	11002 #4	SIMALC1	1	Sample		
14	Vial 14	11002 #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	

11002

BP

Sequence Table (Back Injector):

No entries - empty table!

11002

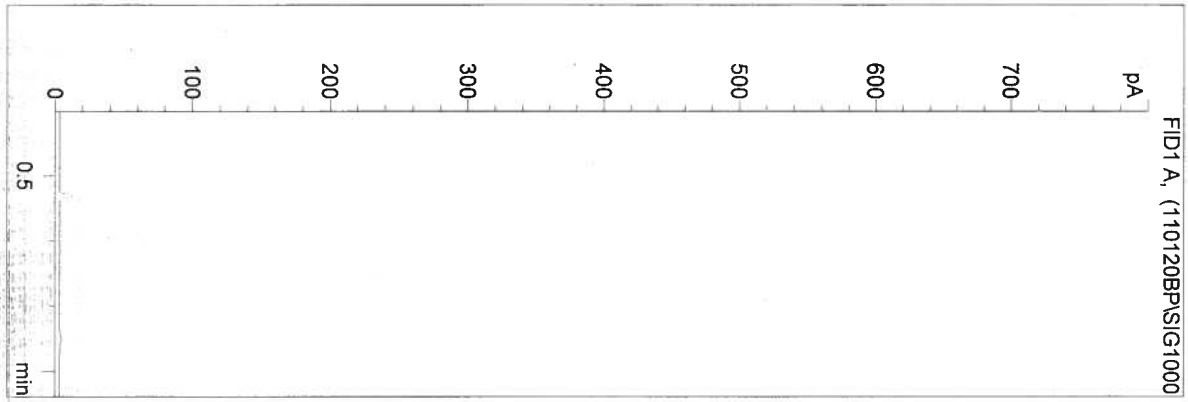
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

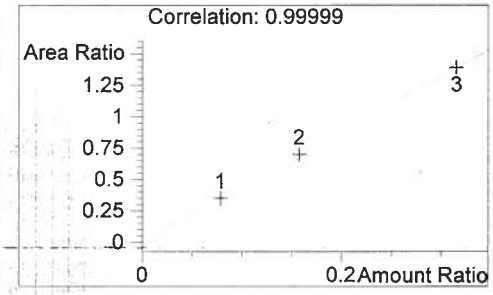
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:25:29 AM
Instrument 1
DB ALC 1

blank
Brianna Peterson

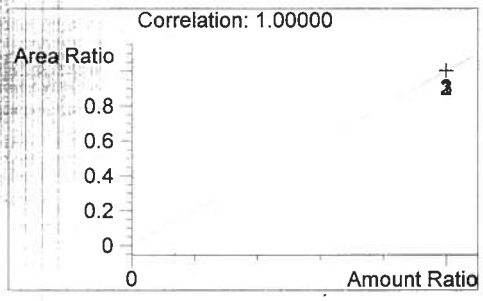
vial # 1



#	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

11002

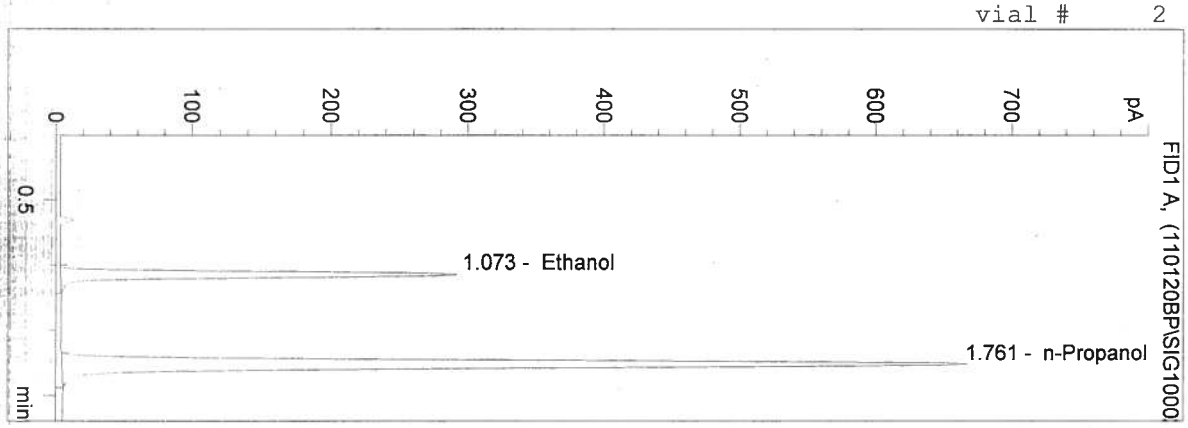
RJ

WASHINGTON STATE TOXICOLOGY LABORATORY

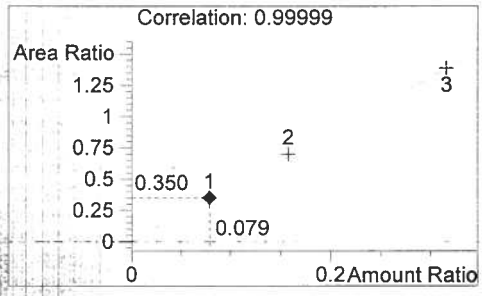
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:28:34 AM
Instrument 1
DB ALC 1

0.079 CAL 1
Brianna Peterson

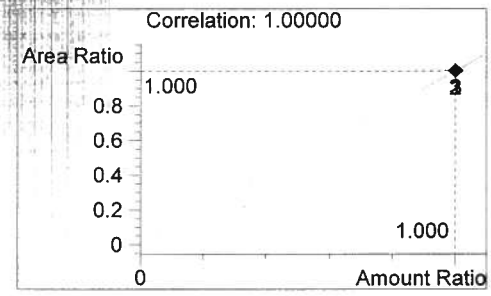
vial # 2



#	Compound	Area	RT
1	Ethanol	924	1.073
2	n-Propanol	2643	1.761
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11002

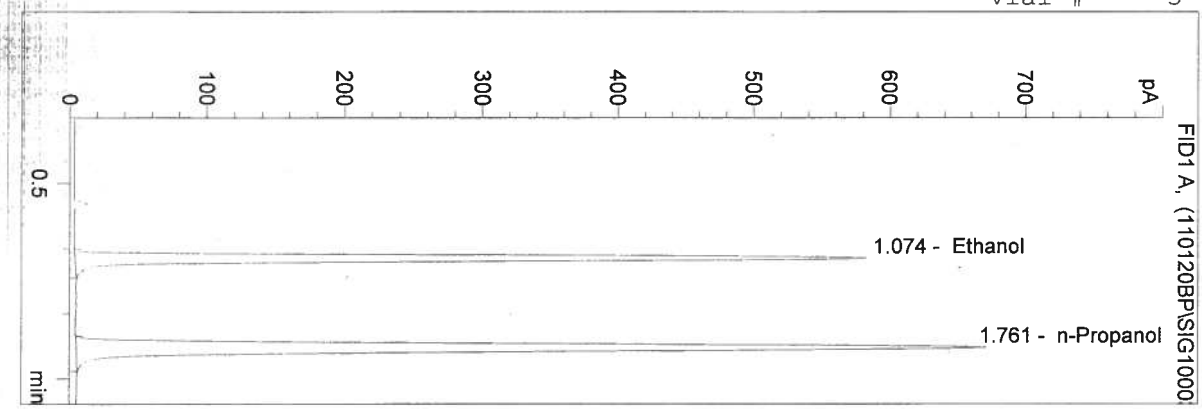
B6

WASHINGTON STATE TOXICOLOGY LABORATORY

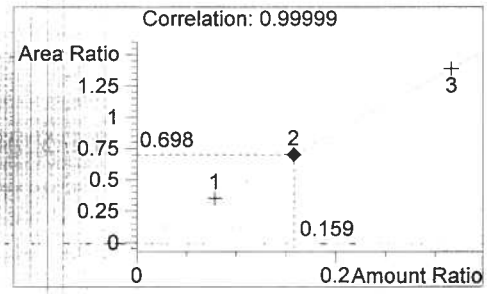
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:31:38 AM
Instrument 1
DB ALC 1

0.158 CAL 2
Brianna Peterson

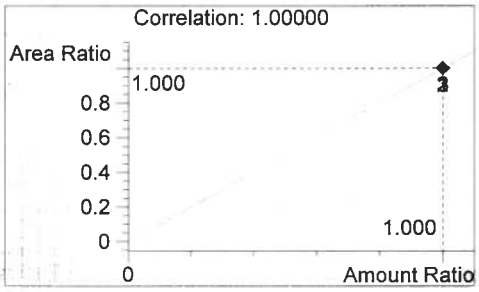
vial # 3



#	Compound	Area	RT
1	Ethanol	1865	1.074
2	n-Propanol	2672	1.761
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11002

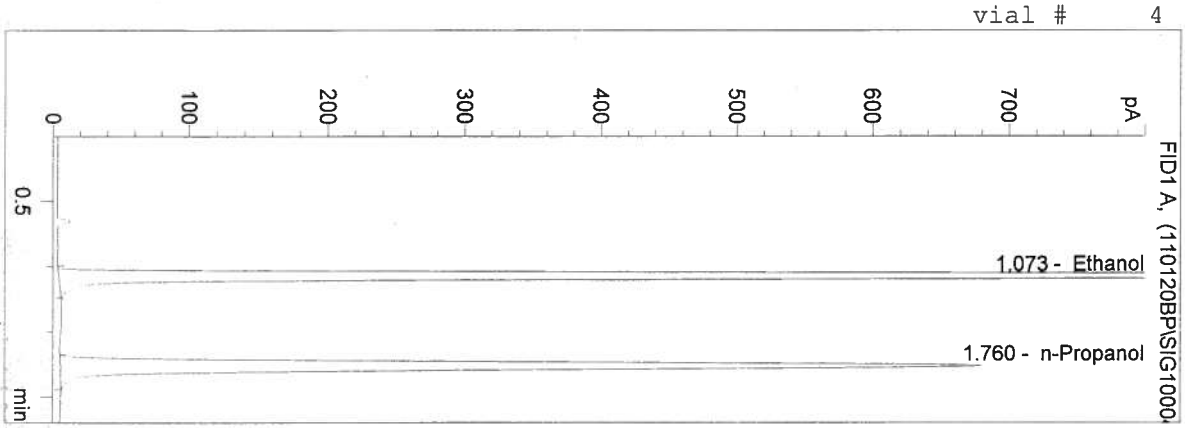
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

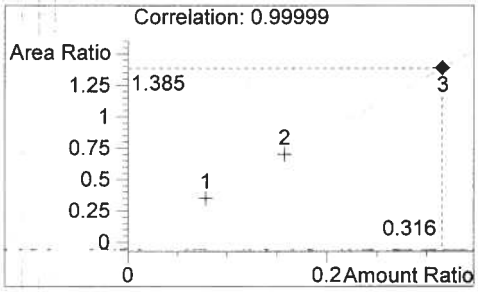
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:34:43 AM
Instrument 1
DB ALC 1

0.316 CAL 3
Brianna Peterson

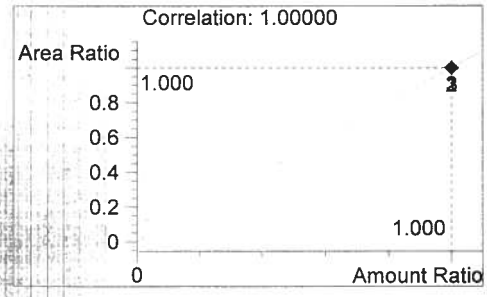
vial # 4



#	Compound	Area	RT
1	Ethanol	3724	1.073
2	n-Propanol	2688	1.760
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11002

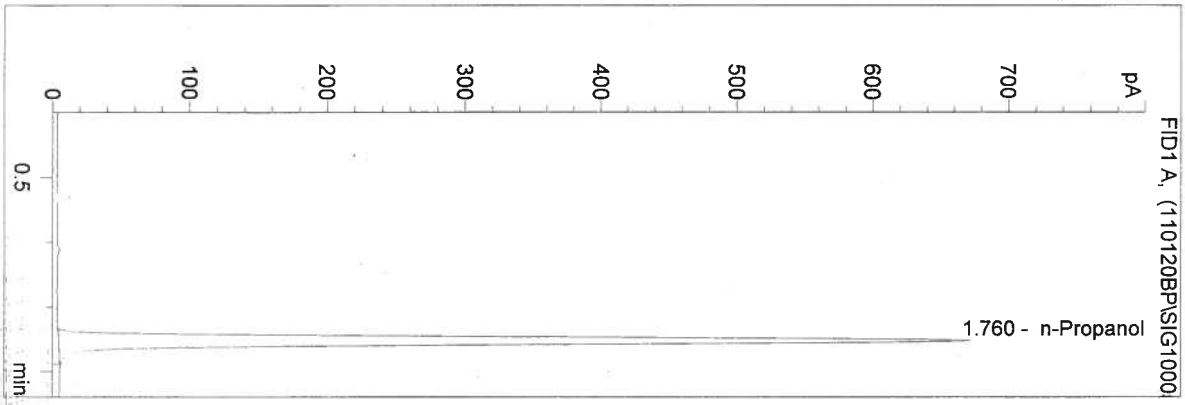
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

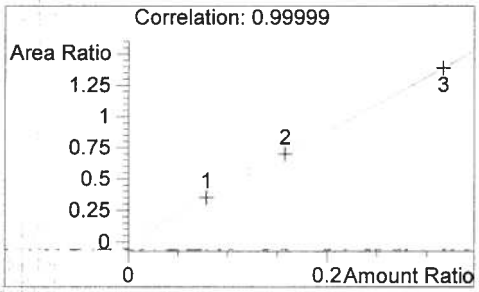
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:37:48 AM
Instrument 1
DB ALC 1

NEG CTRL - BP
Brianna Peterson

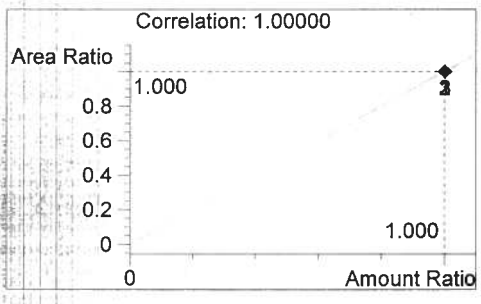
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2661	1.760
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

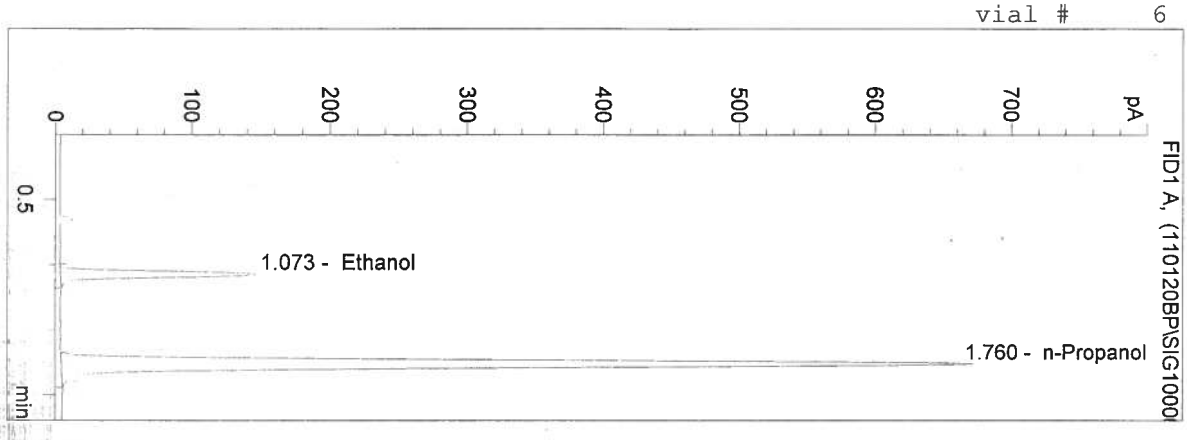
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

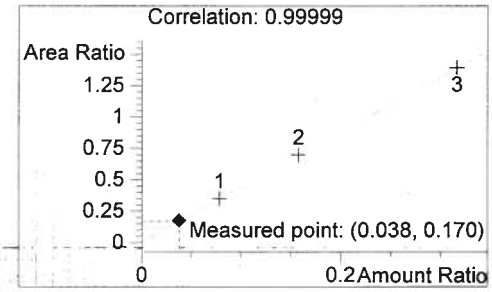
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:40:53 AM
Instrument 1
DB ALC 1

0.04 CTRL - BP
Brianna Peterson

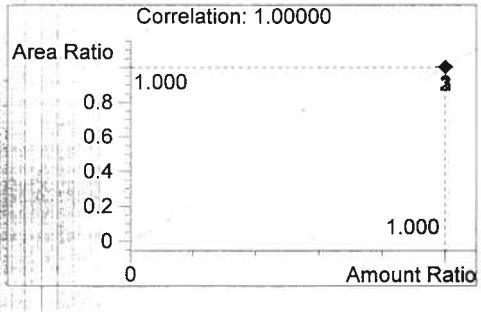
vial # 6



#	Compound	Area	RT
1	Ethanol	452	1.073
2	n-Propanol	2665	1.760
Tot			



Ethanol 0.038 g/100 mL



n-Propanol 1.000 g/100 mL

11002

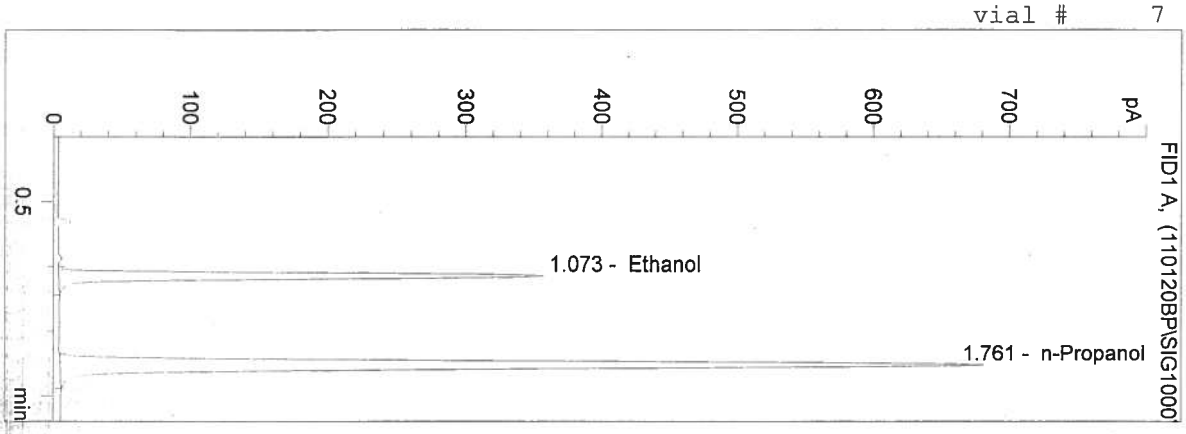
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

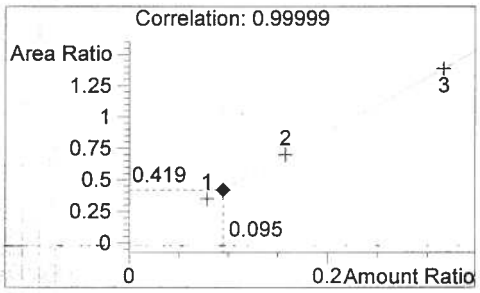
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:43:57 AM
Instrument 1
DB ALC 1

0.10 CTRL - BP
Brianna Peterson

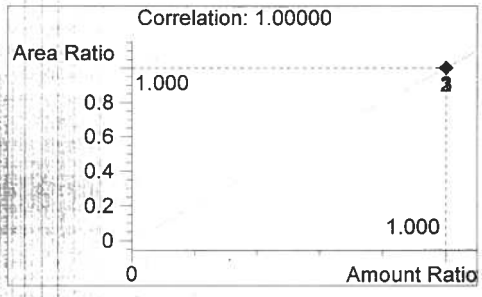
vial # 7



#	Compound	Area	RT
1	Ethanol	1132	1.073
2	n-Propanol	2698	1.761
Tot			



Ethanol 0.095 g/100 mL



n-Propanol 1.000 g/100 mL

11002

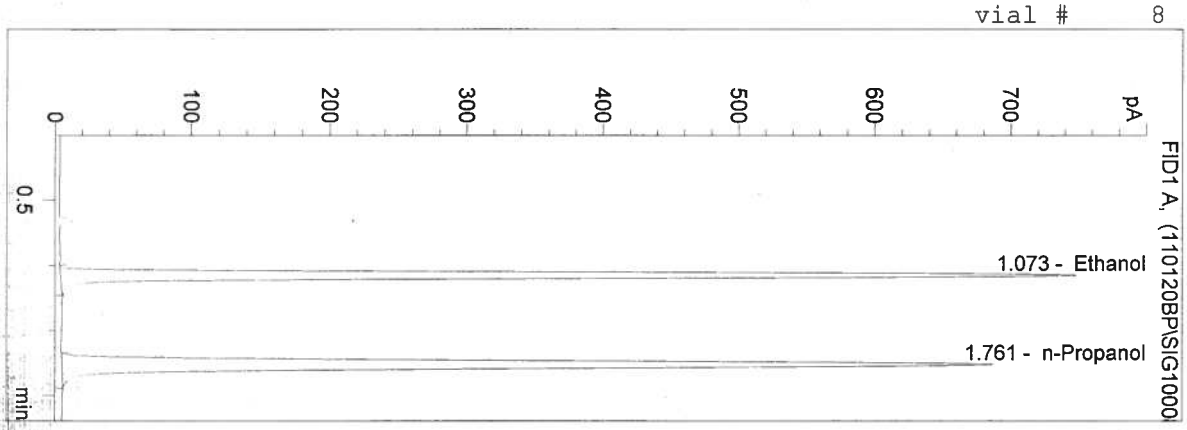
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

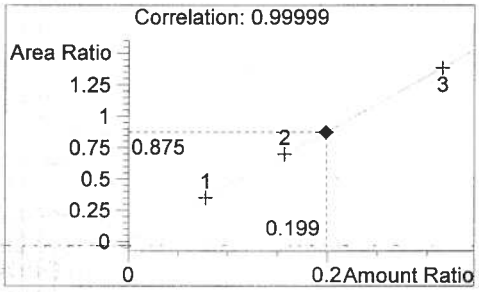
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:47:02 AM
Instrument 1
DB ALC 1

0.20 CTRL - BP
Brianna Peterson

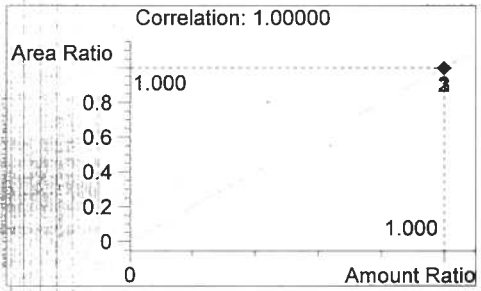
vial # 8



#	Compound	Area	RT
1	Ethanol	2382	1.073
2	n-Propanol	2723	1.761
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

11002

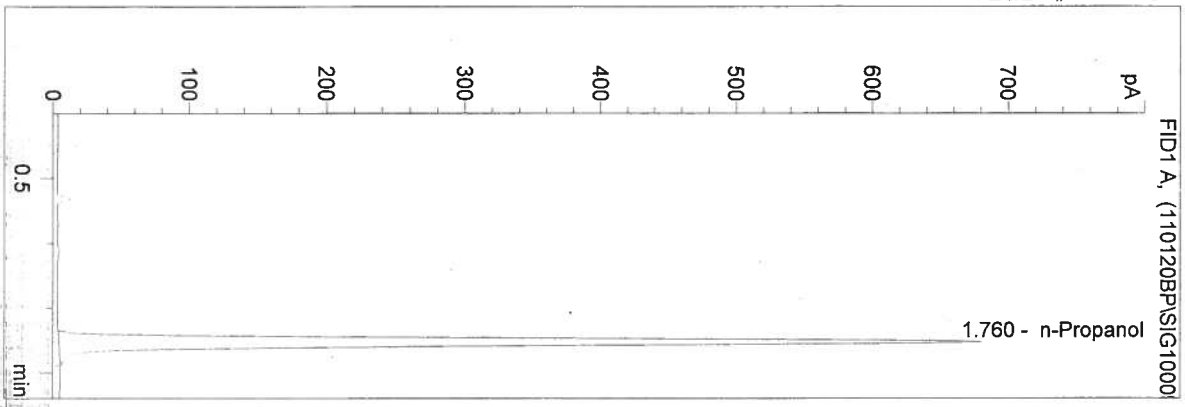
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

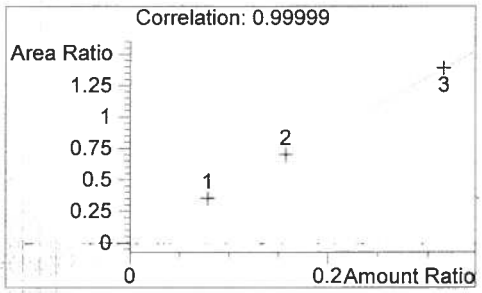
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:50:07 AM
Instrument 1
DB ALC 1

NEG CTRL - BP
Brianna Peterson

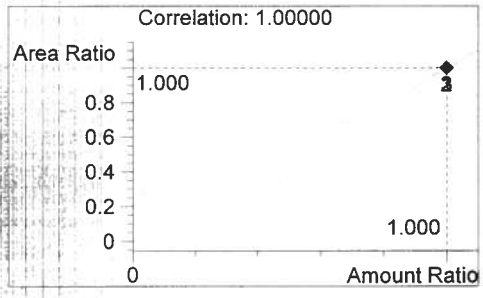
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2695	1.760
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

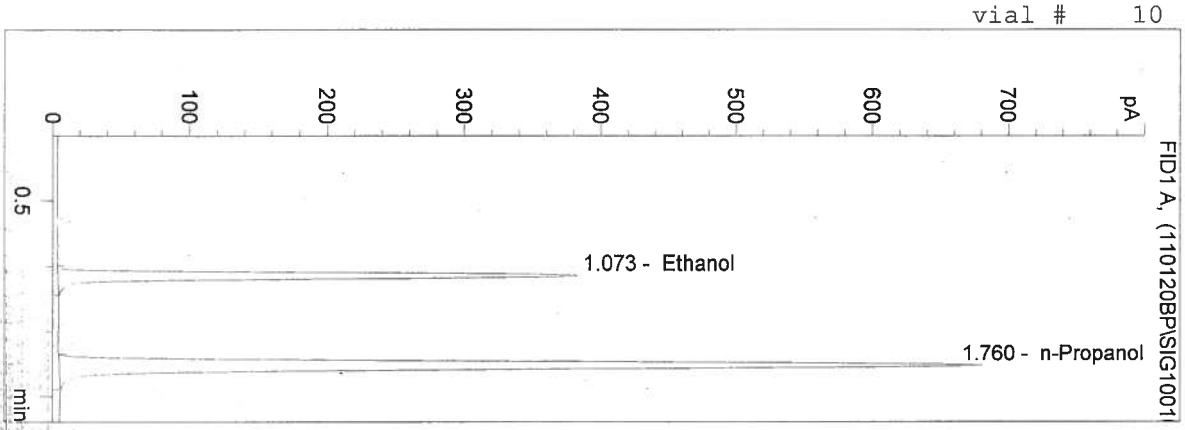
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

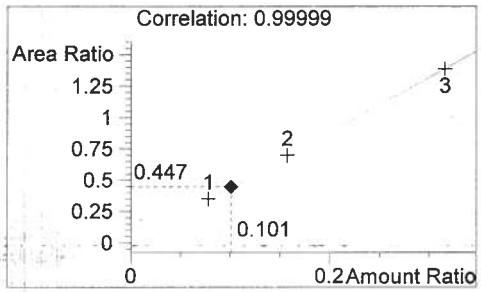
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:53:12 AM
Instrument 1
DB ALC 1

11002 #1
Brianna Peterson

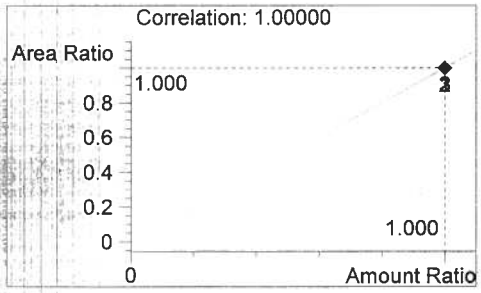
vial # 10



#	Compound	Area	RT
1	Ethanol	1205	1.073
2	n-Propanol	2697	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

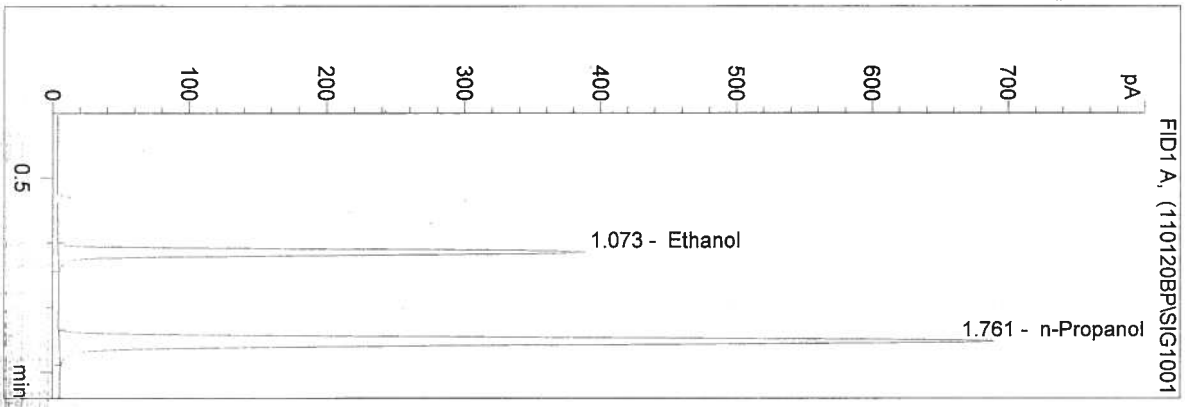
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

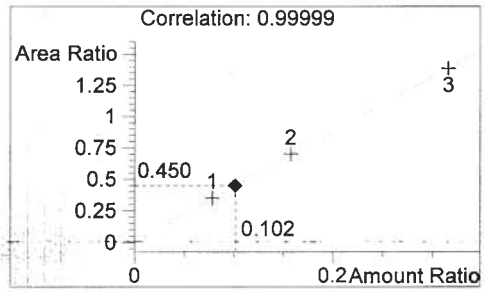
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:56:17 AM
Instrument 1
DB ALC 1

11002 #2
Brianna Peterson

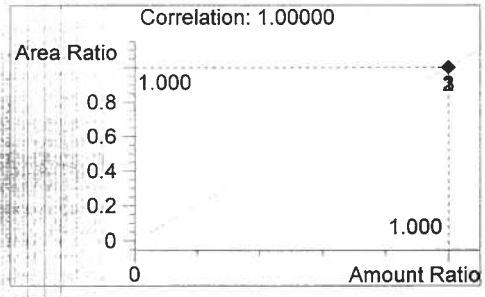
vial # 11



#	Compound	Area	RT
1	Ethanol	1231	1.073
2	n-Propanol	2738	1.761
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

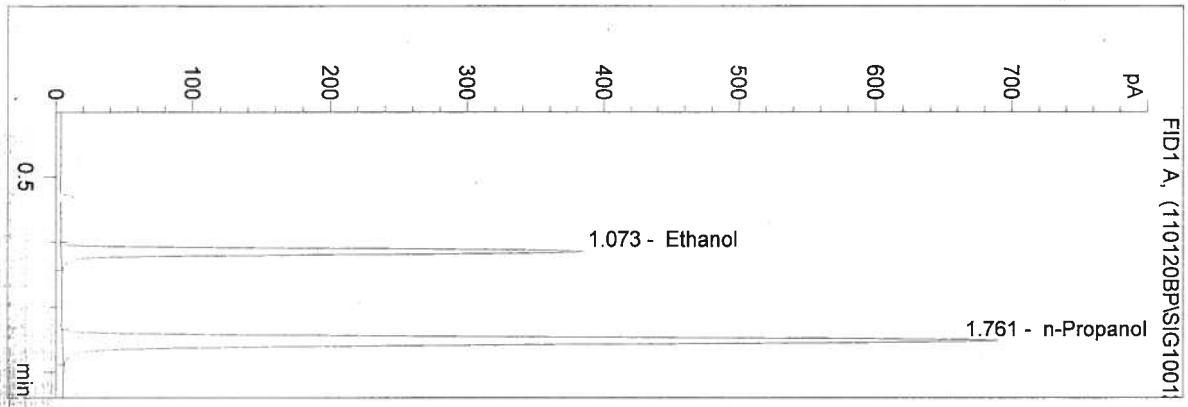
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

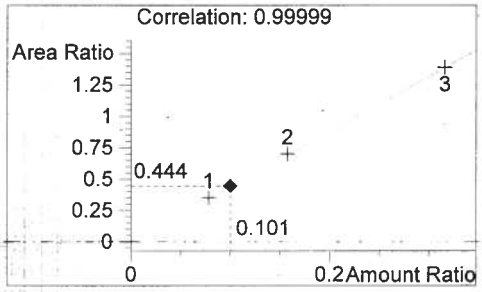
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 10:59:22 AM
Instrument 1
DB ALC 1

11002 #3
Brianna Peterson

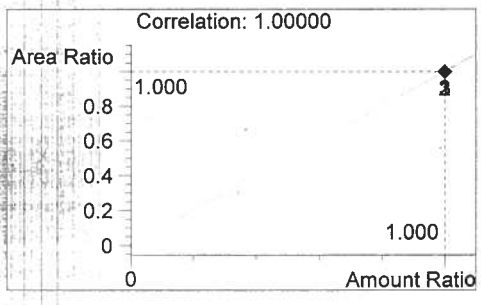
vial # 12



#	Compound	Area	RT
1	Ethanol	1215	1.073
2	n-Propanol	2735	1.761
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

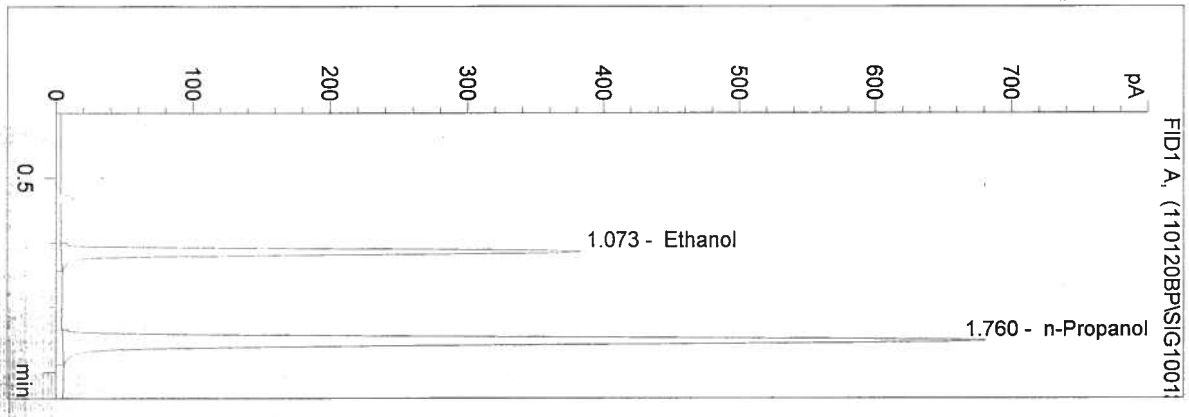
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

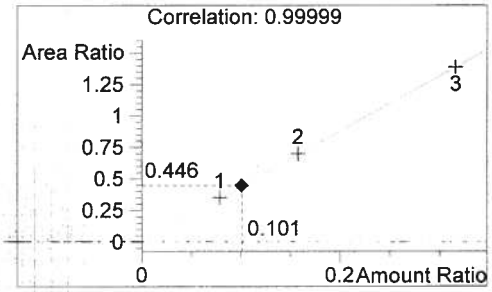
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 11:02:26 AM
Instrument 1
DB ALC 1

11002 #4
Brianna Peterson

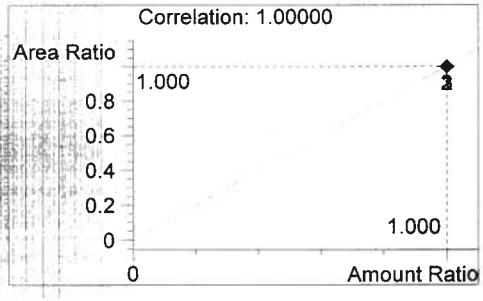
vial # 13



#	Compound	Area	RT
1	Ethanol	1205	1.073
2	n-Propanol	2700	1.760
Tot			



Ethanol 0.101 g/100 mL



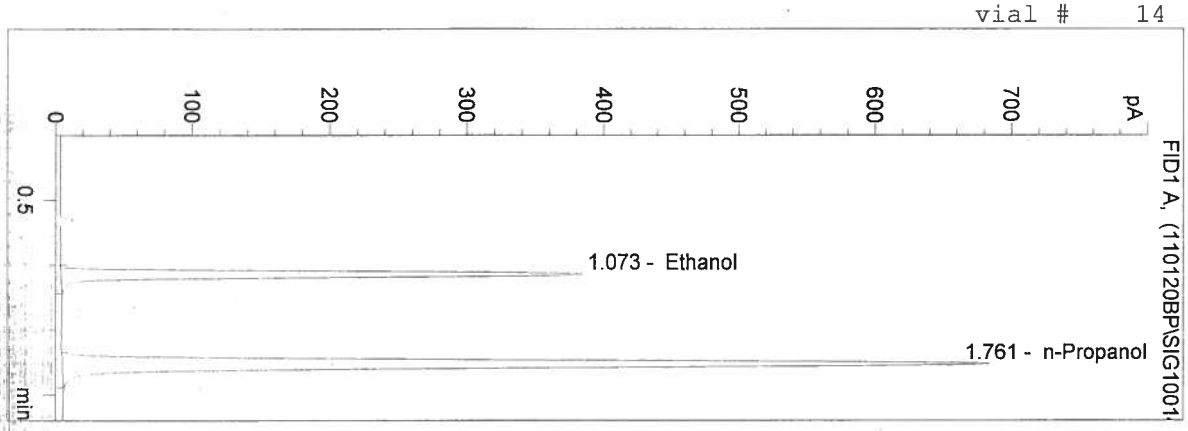
n-Propanol 1.000 g/100 mL

BP

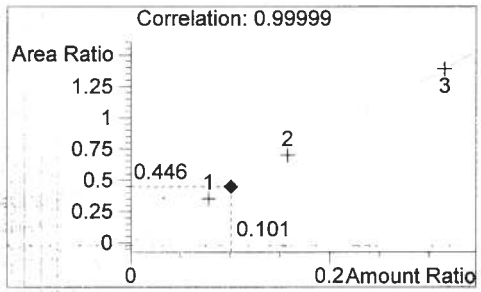
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 11:05:31 AM
Instrument 1
DB ALC 1

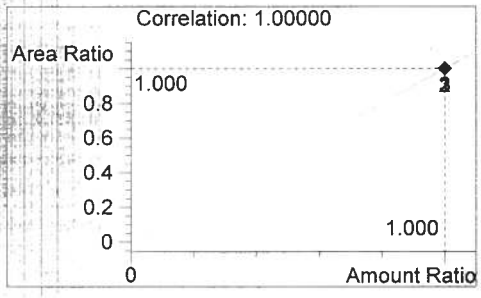
11002 #5
Brianna Peterson
vial # 14



#	Compound	Area	RT
1	Ethanol	1211	1.073
2	n-Propanol	2713	1.761
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

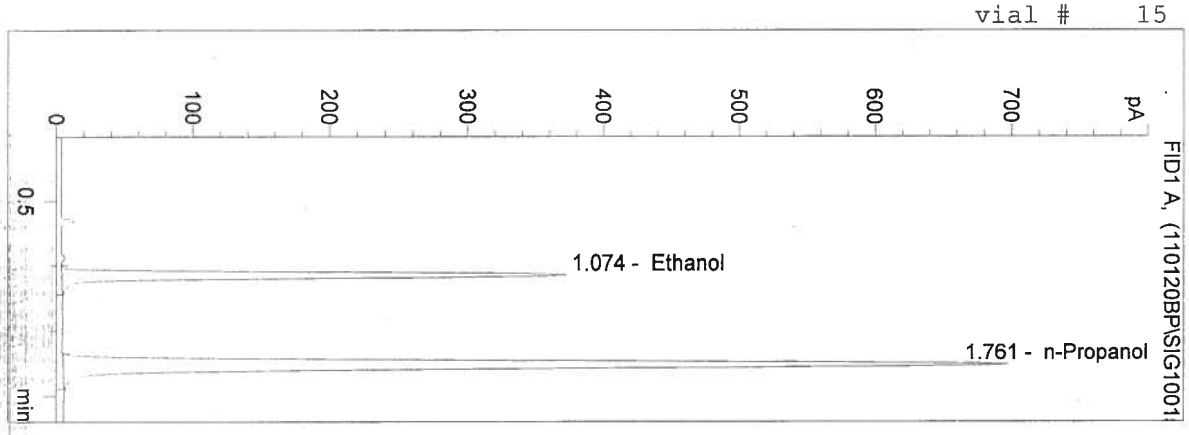
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

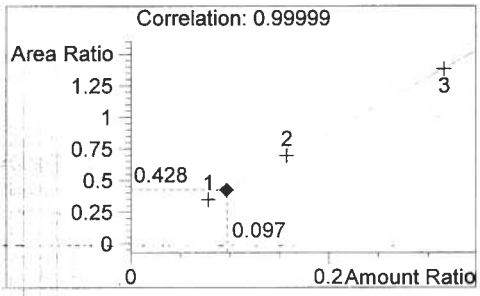
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 11:08:36 AM
Instrument 1
DB ALC 1

0.10 CTRL - BP
Brianna Peterson

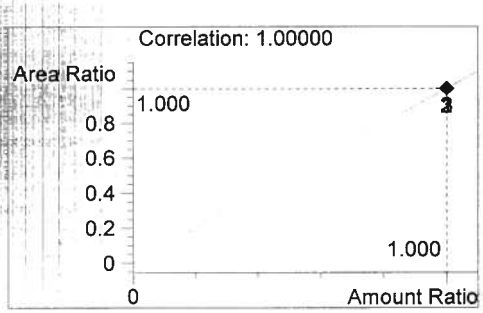
vial # 15



#	Compound	Area	RT
1	Ethanol	1184	1.074
2	n-Propanol	2768	1.761
Tot			



Ethanol 0.097 g/100 mL



n-Propanol 1.000 g/100 mL

11002

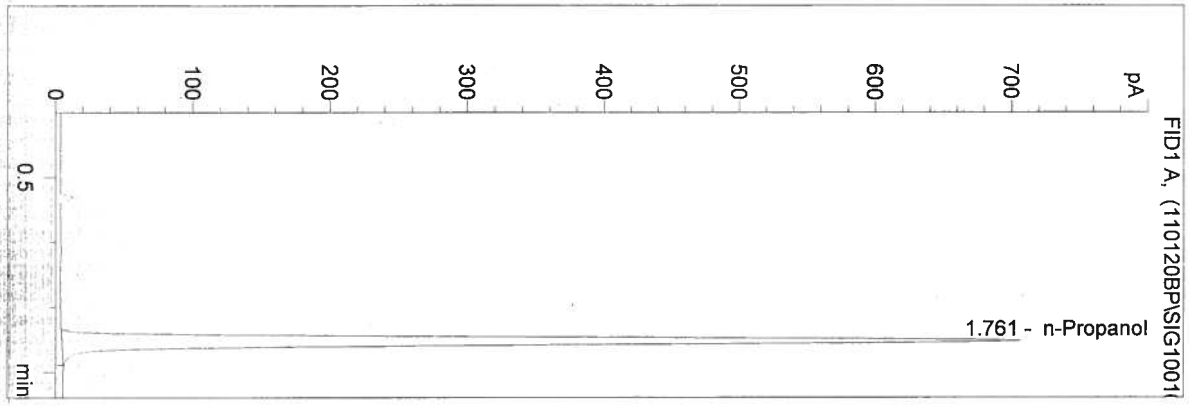
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

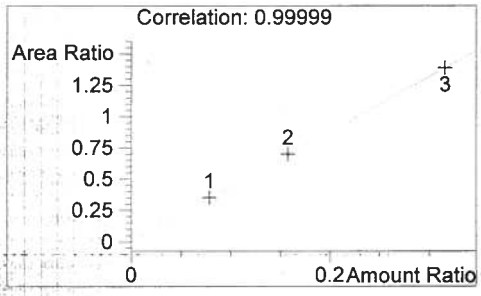
C:\HPCHEM\1\METHODS\SIMALC1.M
1/20/2011 11:11:40 AM
Instrument 1
DB ALC 1

NEG CTRL - BP
Brianna Peterson

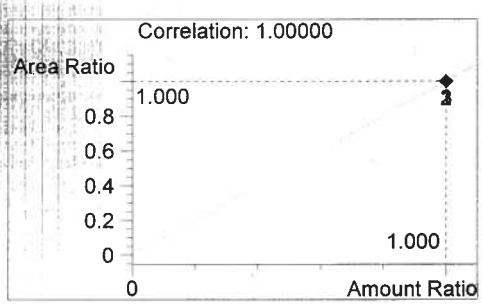
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2802	1.761
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BP

11002

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

Sequence Parameters:

Operator:	Christie Mitchell
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110121CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	11002 #1	SIMALC1	1	Sample		
11	Vial 11	11002 #2	SIMALC1	1	Sample		
12	Vial 12	11002 #3	SIMALC1	1	Sample		
13	Vial 13	11002 #4	SIMALC1	1	Sample		
14	Vial 14	11002 #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

11002

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

CM

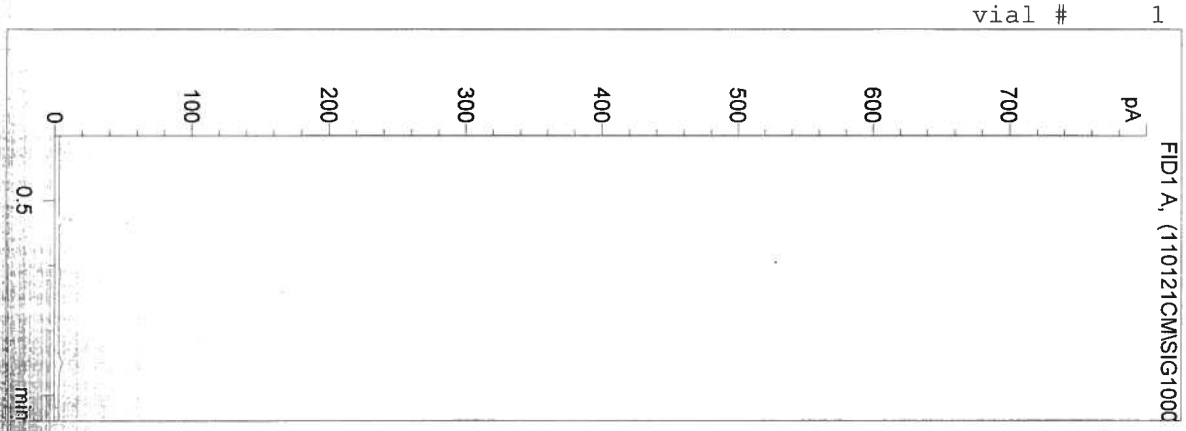
110 v 2

WASHINGTON STATE TOXICOLOGY LABORATORY

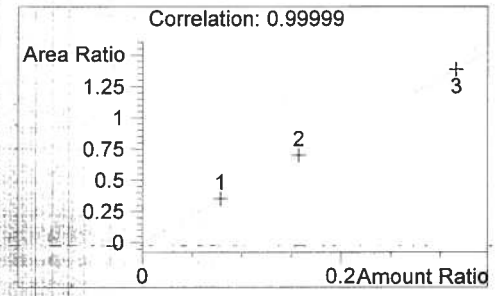
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:18:39 AM
Instrument 1
DB-ALC1

BLANK
Christie Mitchell

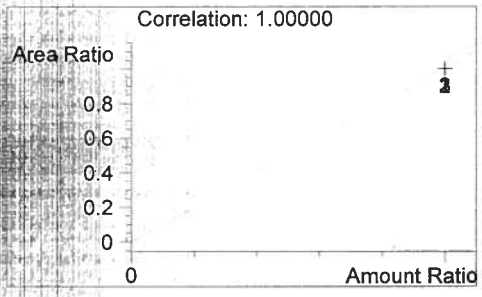
vial # 1



#	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

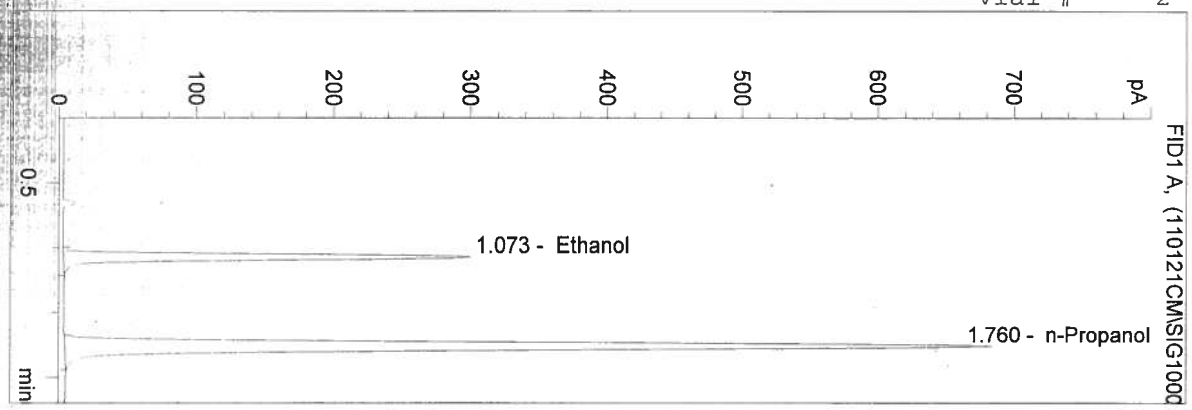
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

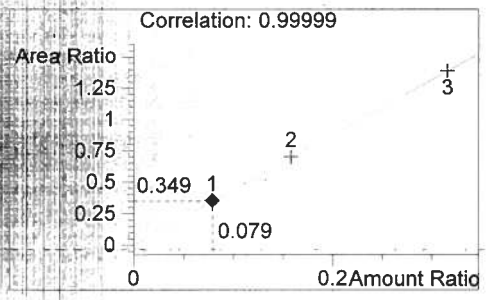
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:21:44 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Christie Mitchell

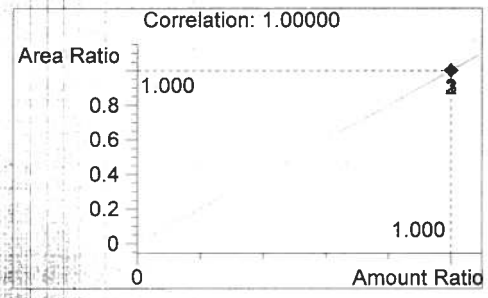
vial # 2



#	Compound	Area	RT
1	Ethanol	945	1.073
2	n-Propanol	2708	1.760
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

CM

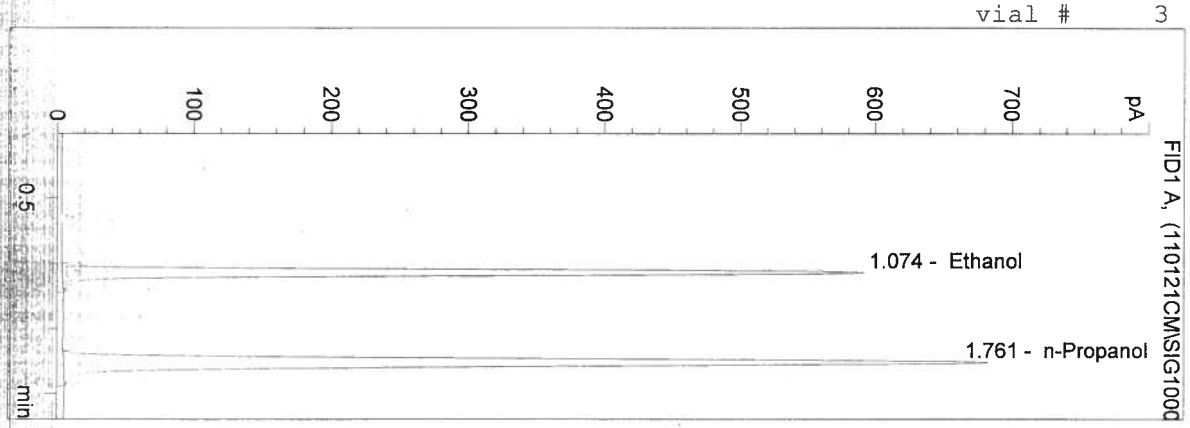
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

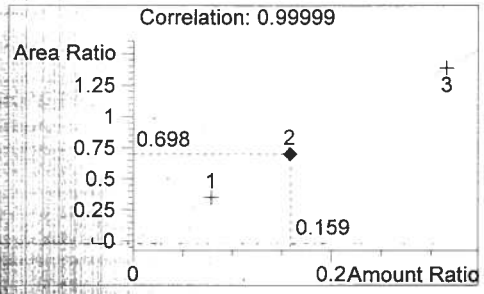
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:24:49 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Christie Mitchell

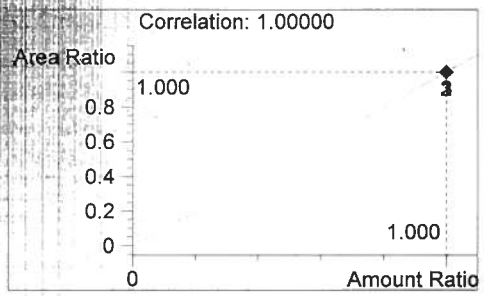
vial # 3



#	Compound	Area	RT
1	Ethanol	1892	1.074
2	n-Propanol	2709	1.761
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

CM

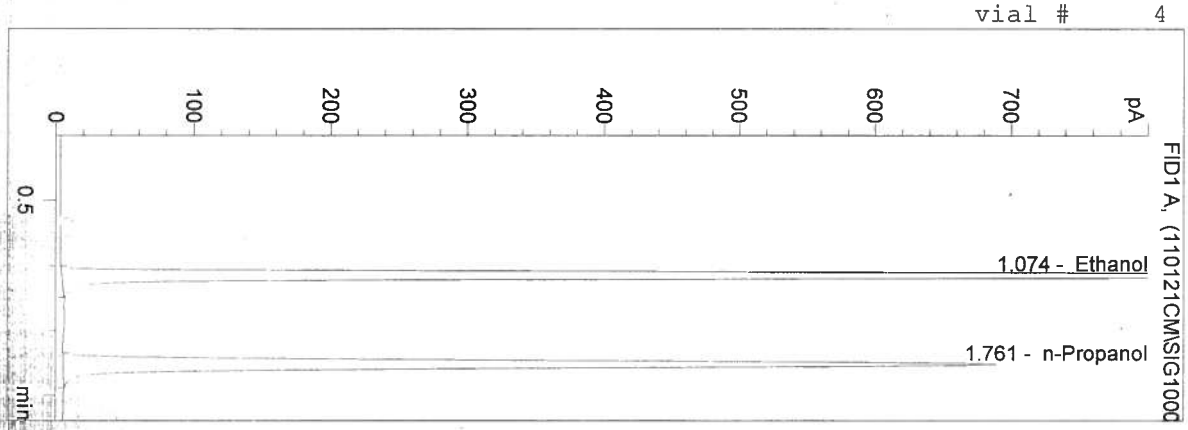
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

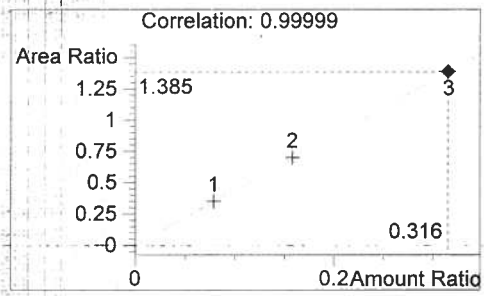
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:27:54 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Christie Mitchell

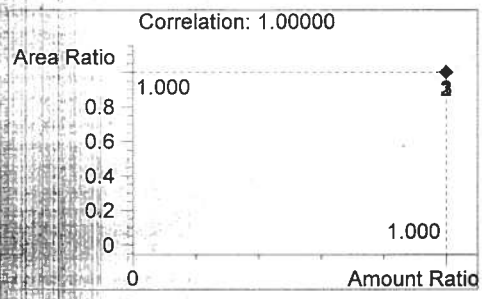
vial # 4



#	Compound	Area	RT
1	Ethanol	3789	1.074
2	n-Propanol	2735	1.761
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

CM

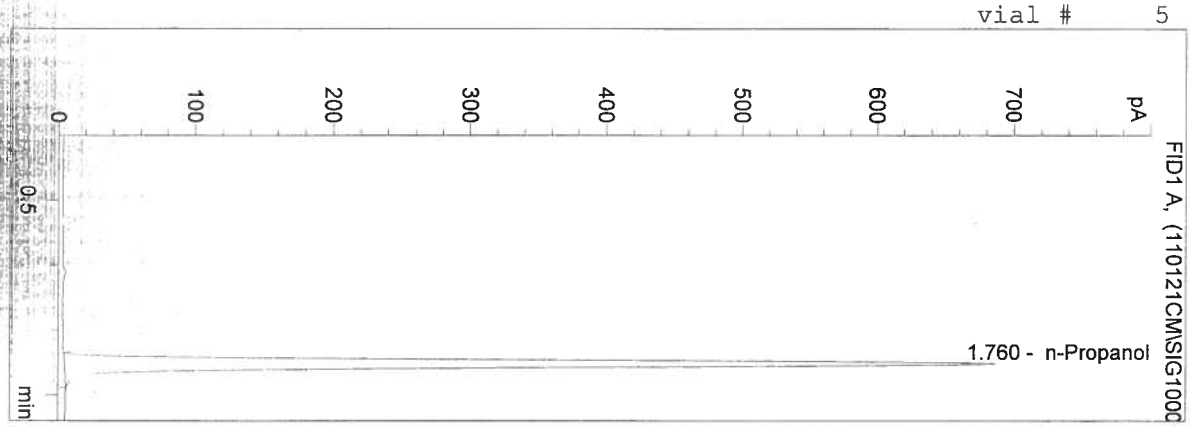
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

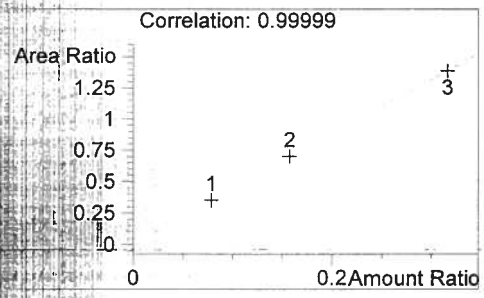
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:30:58 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

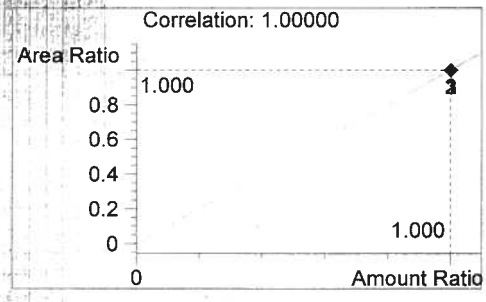
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2723	1.760
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

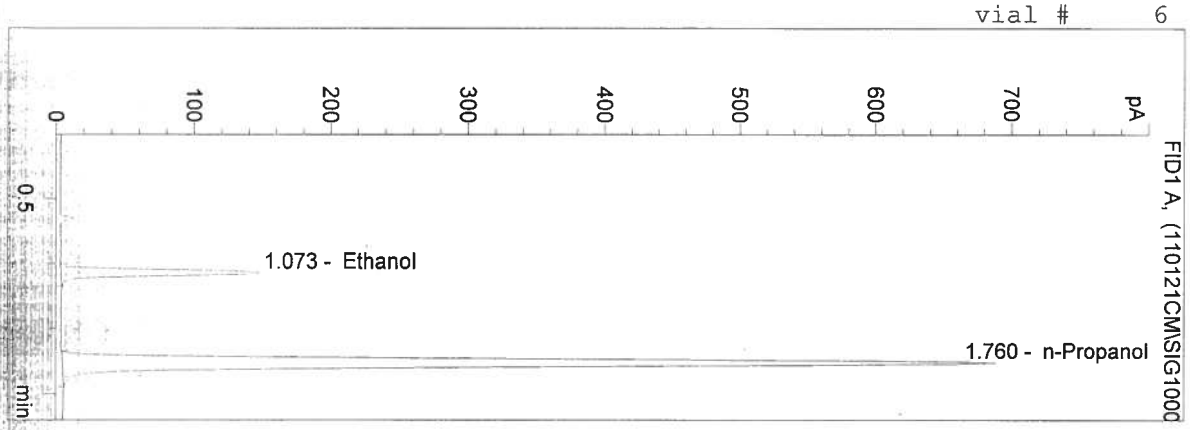
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

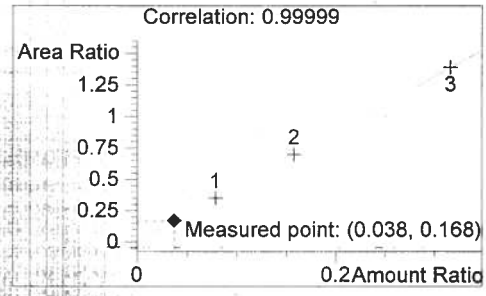
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:34:03 AM
Instrument 1
DB-ALC1

0.04 CTRL - CM
Christie Mitchell

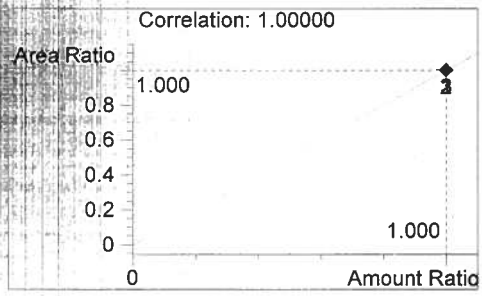
vial # 6



#	Compound	Area	RT
1	Ethanol	459	1.073
2	n-Propanol	2733	1.760
Tot			



Ethanol 0.038 g/100 mL



n-Propanol 1.000 g/100 mL

CM

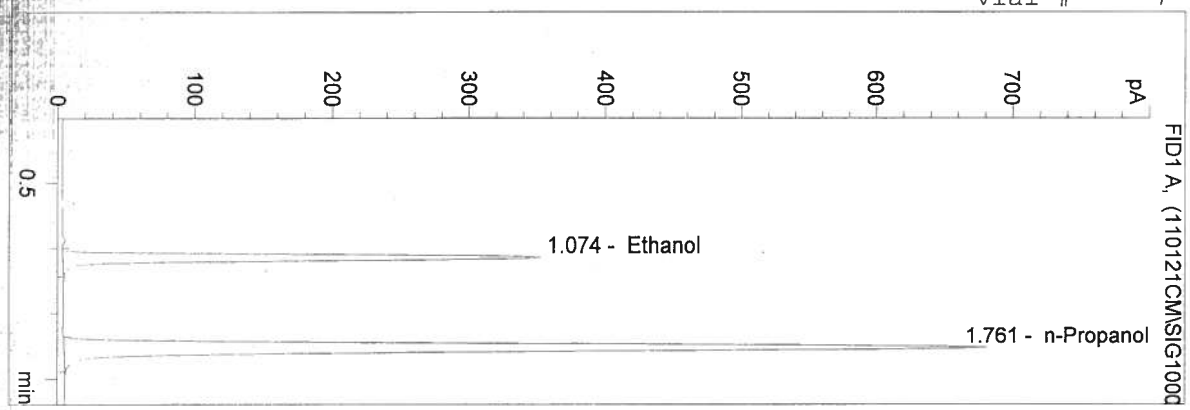
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

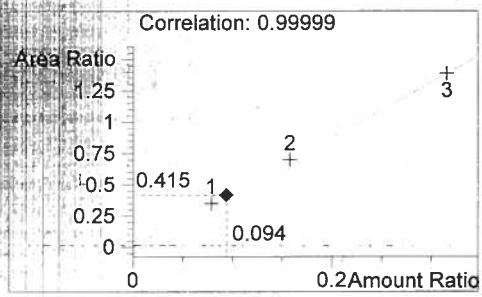
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:37:08 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

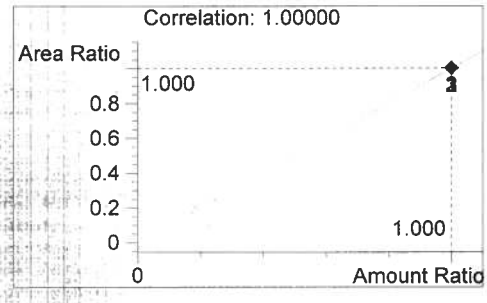
vial # 7



#	Compound	Area	RT
1	Ethanol	1124	1.074
2	n-Propanol	2707	1.761
Tot			



Ethanol 0.094 g/100 mL



n-Propanol 1.000 g/100 mL

CM

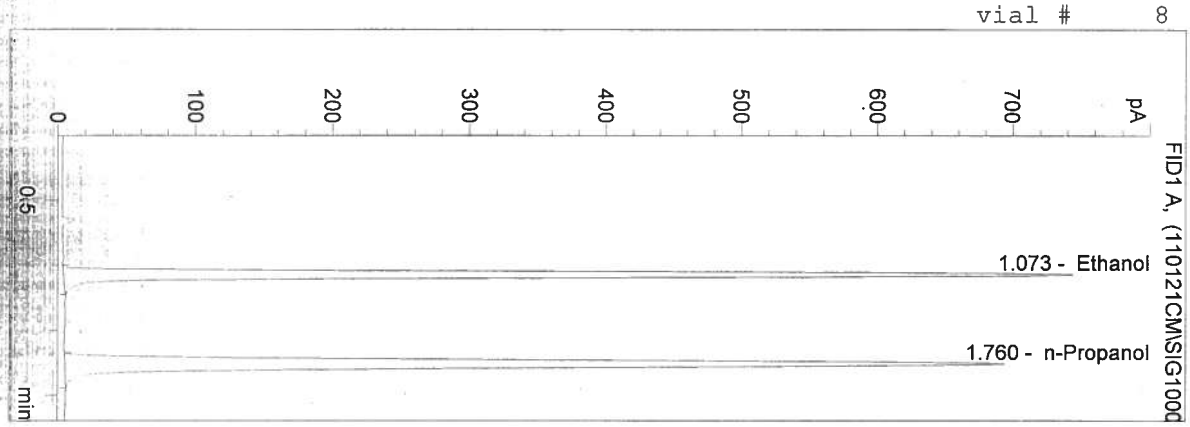
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

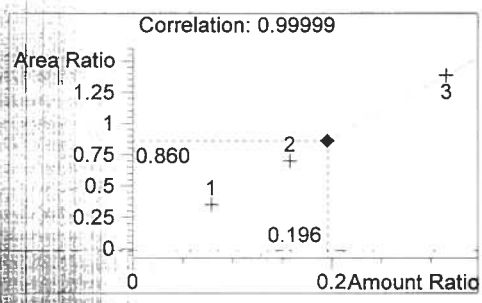
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:40:12 AM
Instrument 1
DB-ALC1

0.20 CTRL - CM
Christie Mitchell

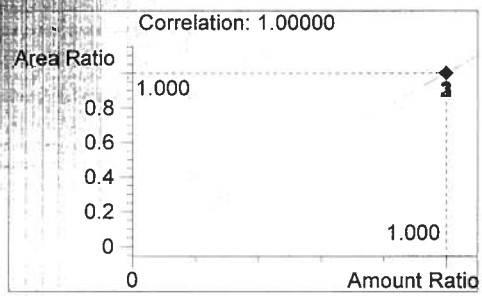
vial # 8



#	Compound	Area	RT
1	Ethanol	2368	1.073
2	n-Propanol	2752	1.760
Tot			



Ethanol 0.196 g/100 mL



n-Propanol 1.000 g/100 mL

CM

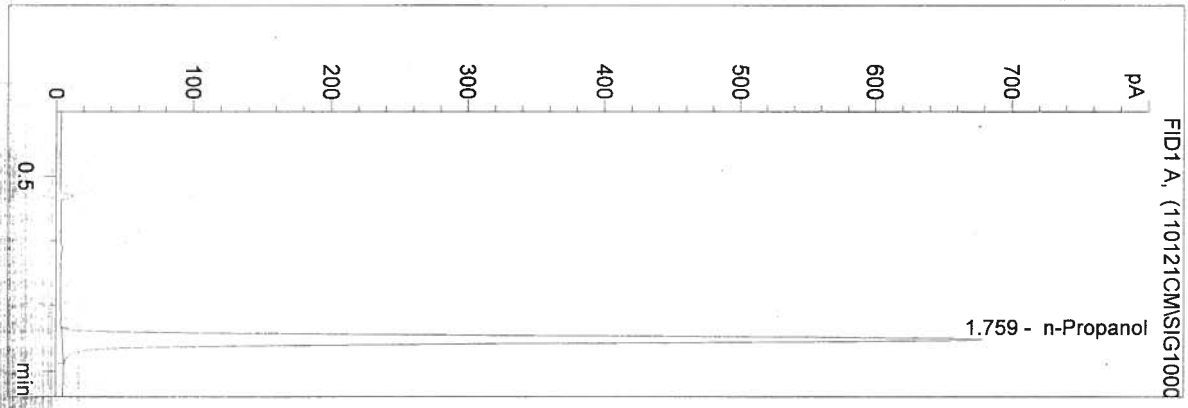
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

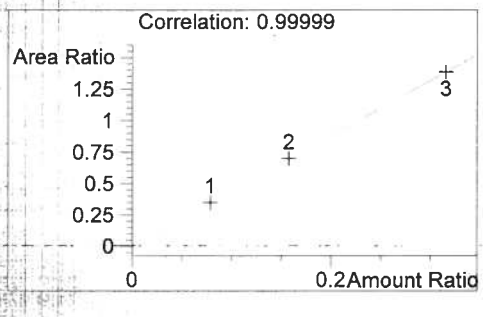
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:43:17 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

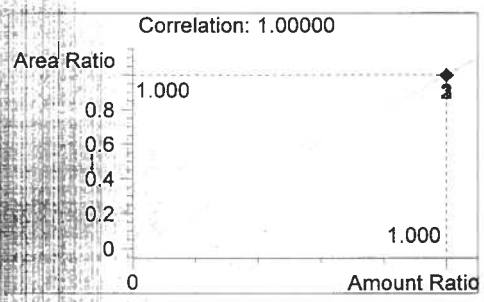
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2687	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

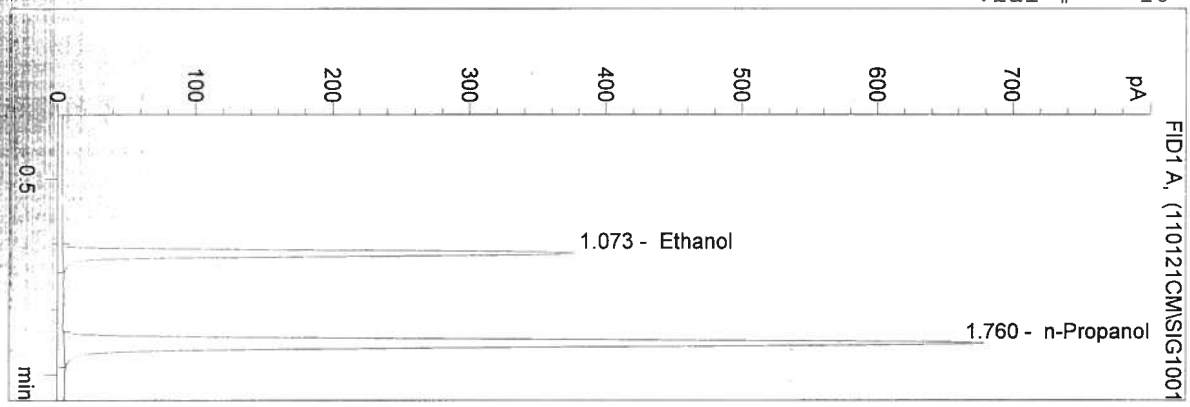
CM

11002

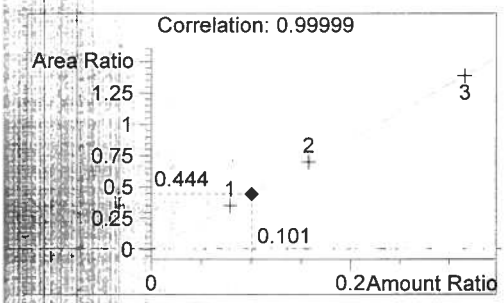
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:46:22 AM 11002 #1
Instrument 1 Christie Mitchell
DB-ALC1

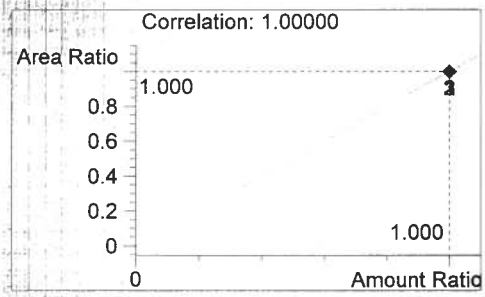
vial # 10



#	Compound	Area	RT
1	Ethanol	1196	1.073
2	n-Propanol	2696	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

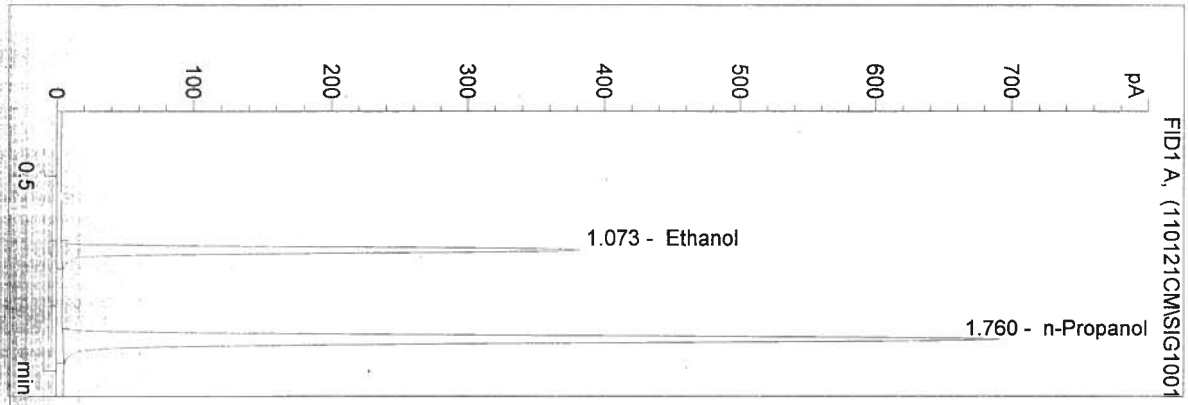
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

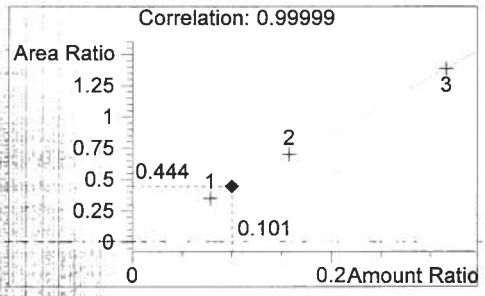
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:49:27 AM
Instrument 1
DB-ALC1

11002 #2
Christie Mitchell

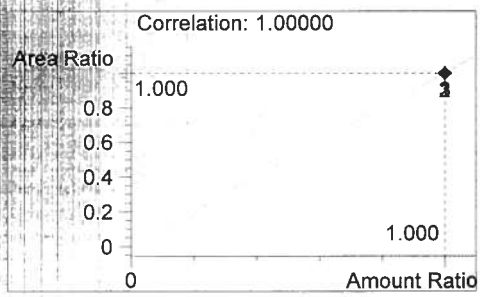
vial # 11



#	Compound	Area	RT
1	Ethanol	1215	1.073
2	n-Propanol	2739	1.760
Tot			



Ethanol 0.101 g/100 mL



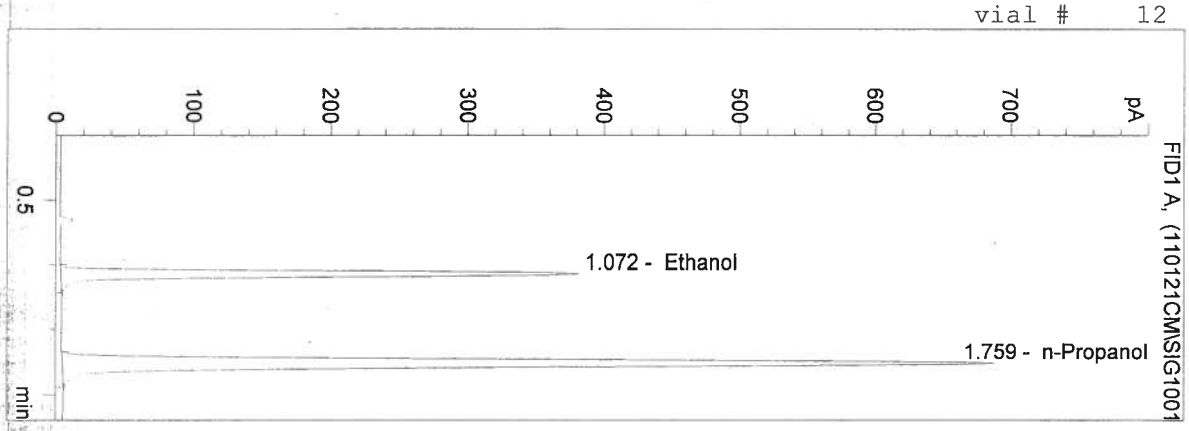
n-Propanol 1.000 g/100 mL

CM

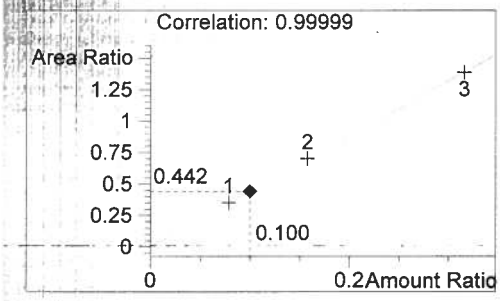
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:52:31 AM 11002 #3
Instrument 1 Christie Mitchell
DB-ALC1

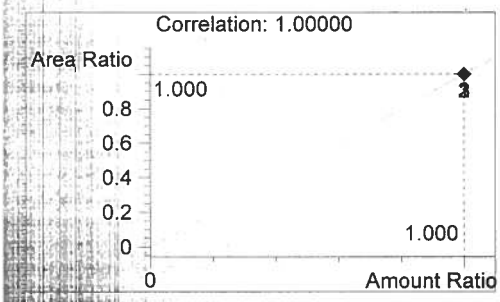
vial # 12



#	Compound	Area	RT
1	Ethanol	1200	1.072
2	n-Propanol	2718	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

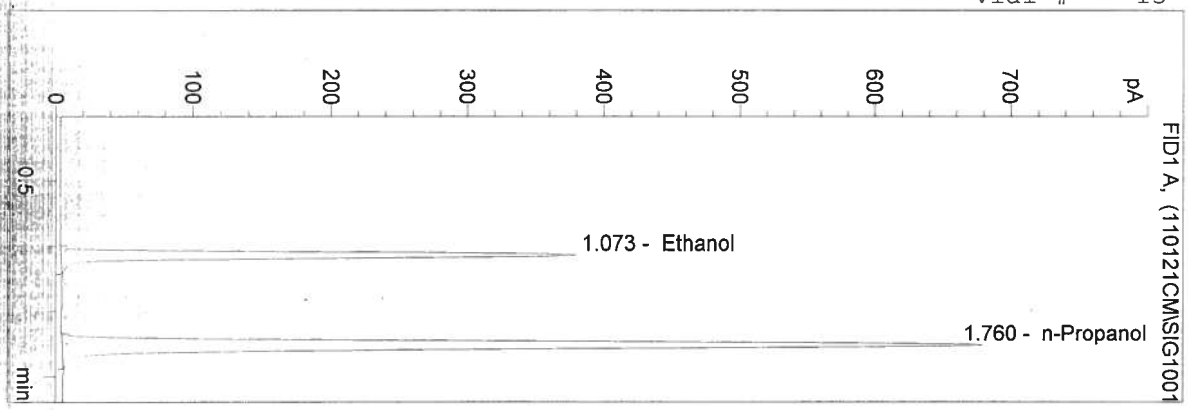
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

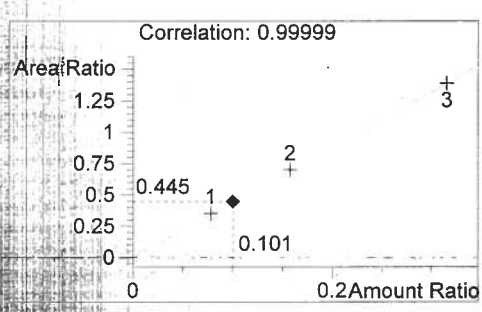
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:55:36 AM
Instrument 1
DB-ALC1

11002 #4
Christie Mitchell

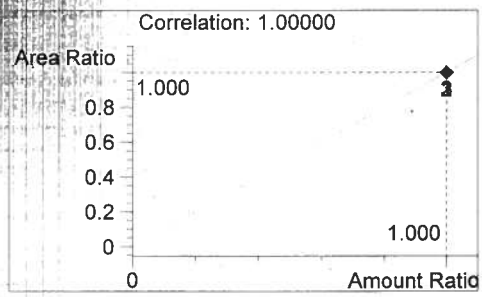
vial # 13



#	Compound	Area	RT
1	Ethanol	1199	1.073
2	n-Propanol	2696	1.760
Tot			



Ethanol 0.101 g/100 mL



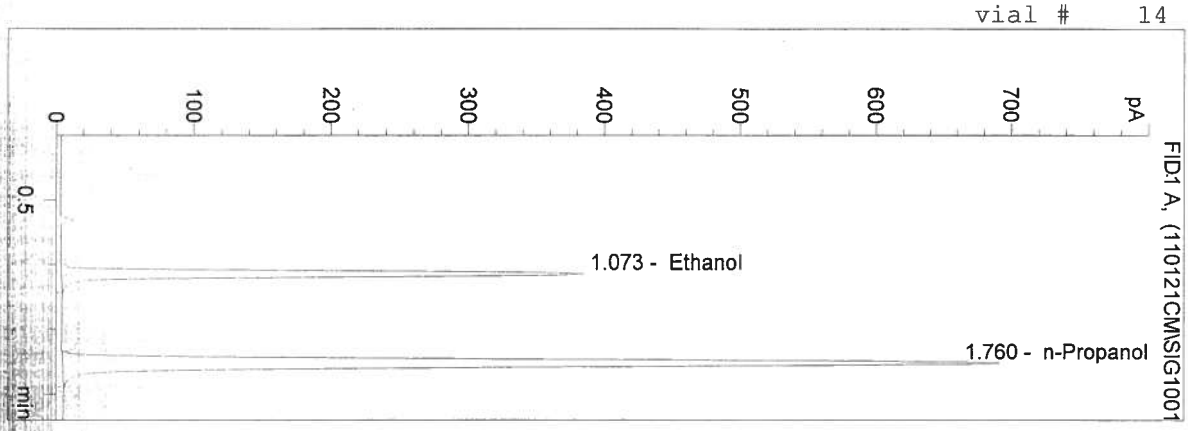
n-Propanol 1.000 g/100 mL

CM

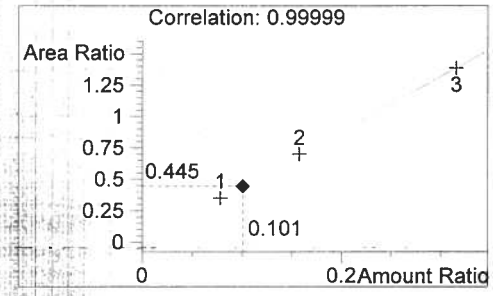
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 10:58:41 AM
Instrument 1
DB-ALC1

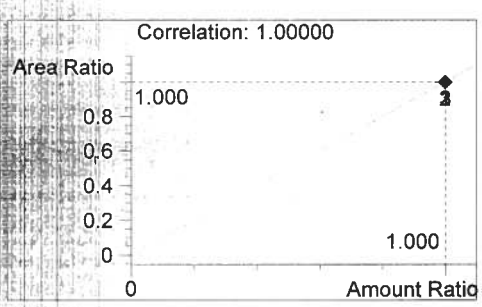
11002 #5
Christie Mitchell
vial # 14



#	Compound	Area	RT
1	Ethanol	1221	1.073
2	n-Propanol	2745	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

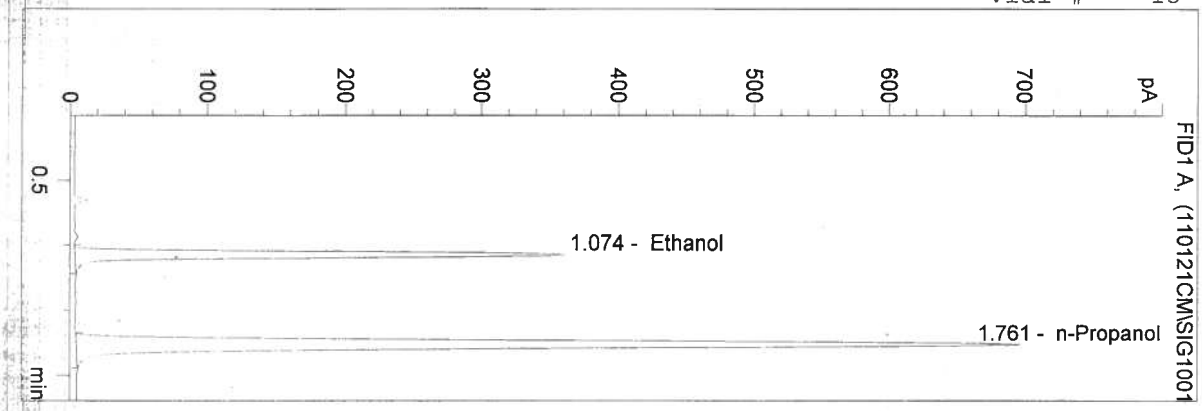
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

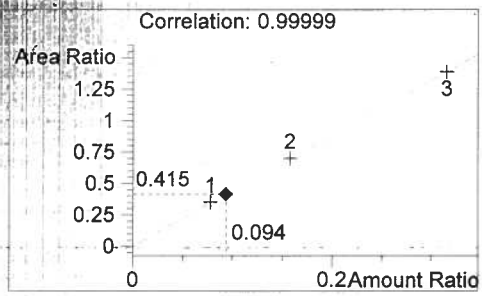
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 11:01:46 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

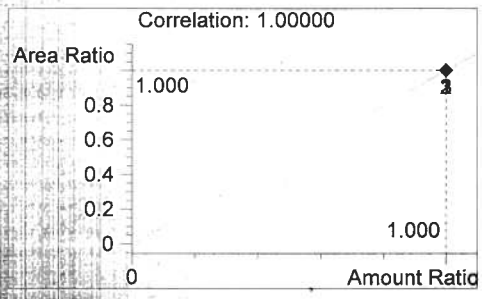
vial # 15



#	Compound	Area	RT
1	Ethanol	1148	1.074
2	n-Propanol	2768	1.761
	Tot		



Ethanol 0.094 g/100 mL



n-Propanol 1.000 g/100 mL

CM

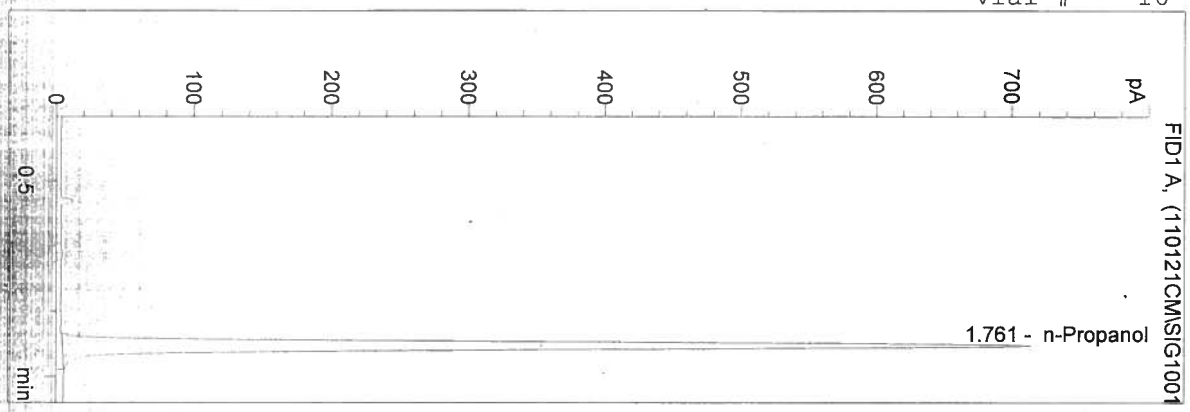
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

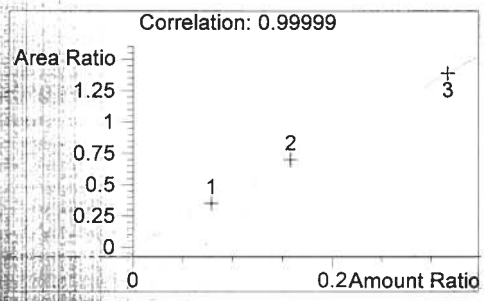
C:\HPCHEM\1\METHODS\SIMALC1.M
1/21/2011 11:04:51 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

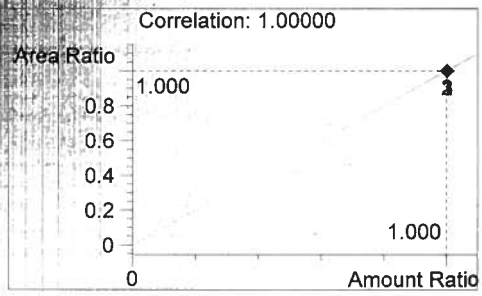
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2834	1.761
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11002

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

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110121R2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

RF

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	11002 #1	SIMALC1	1	Sample		
11	Vial 11	11002 #2	SIMALC1	1	Sample		
12	Vial 12	11002 #3	SIMALC1	1	Sample		
13	Vial 13	11002 #4	SIMALC1	1	Sample		
14	Vial 14	11002 #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	

11002

Sequence Table (Back Injector):

No entries - empty table!

RF

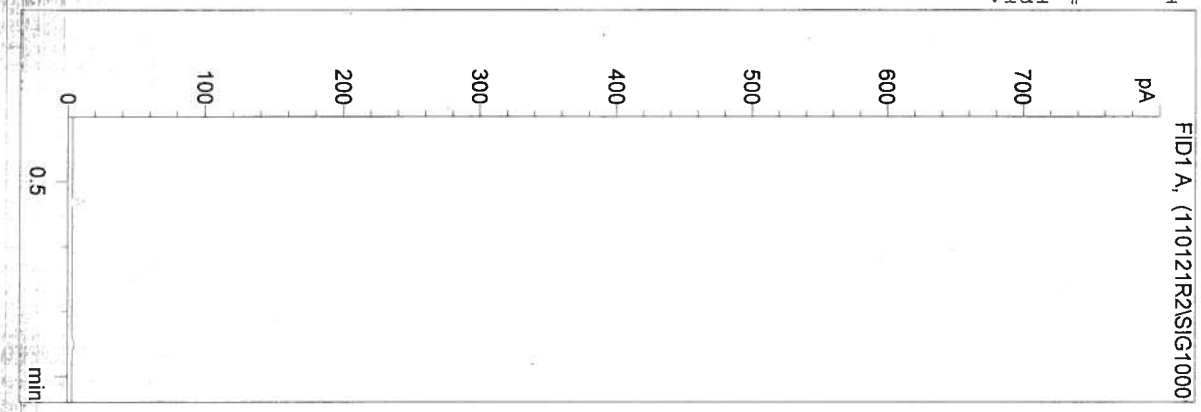
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\BPCHEM\1\METHODS\SIMALC1.M
1/21/2011 1:25:20 PM
Instrument 1
DB-ALC1

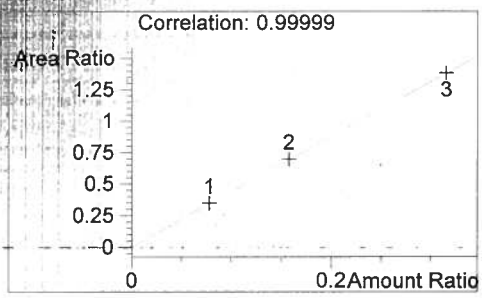
BLANK
Rebecca Flaherty

vial # 1

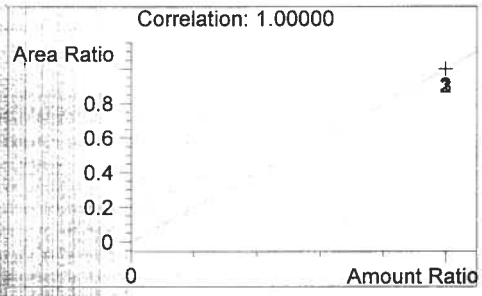


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11002

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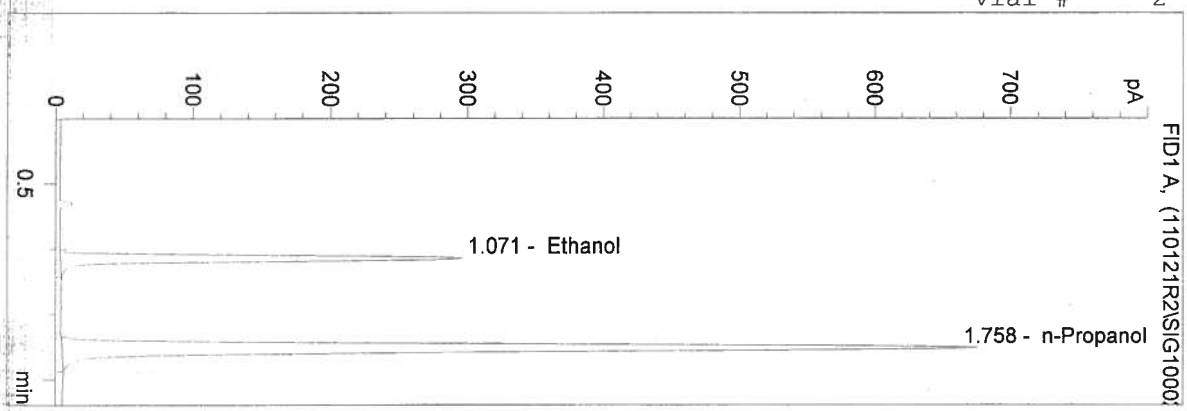
Instrument 1
DB-ALC1

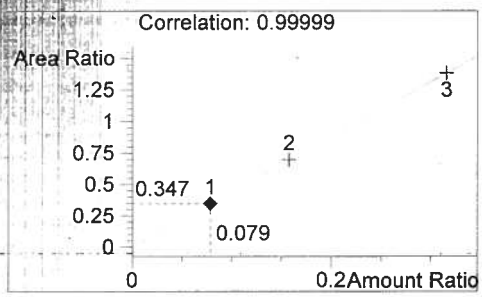
0.079 CAL 1
Rebecca Flaherty

vial # 2

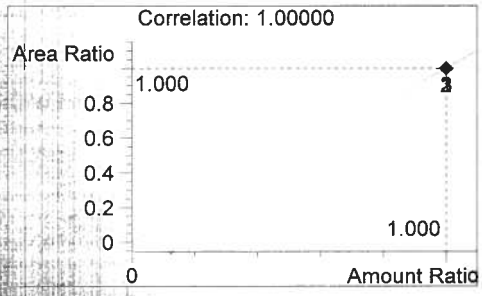


#	Compound	Area	RT
1	Ethanol	926	1.071
2	n-Propanol	2669	1.758
Tot			

RF



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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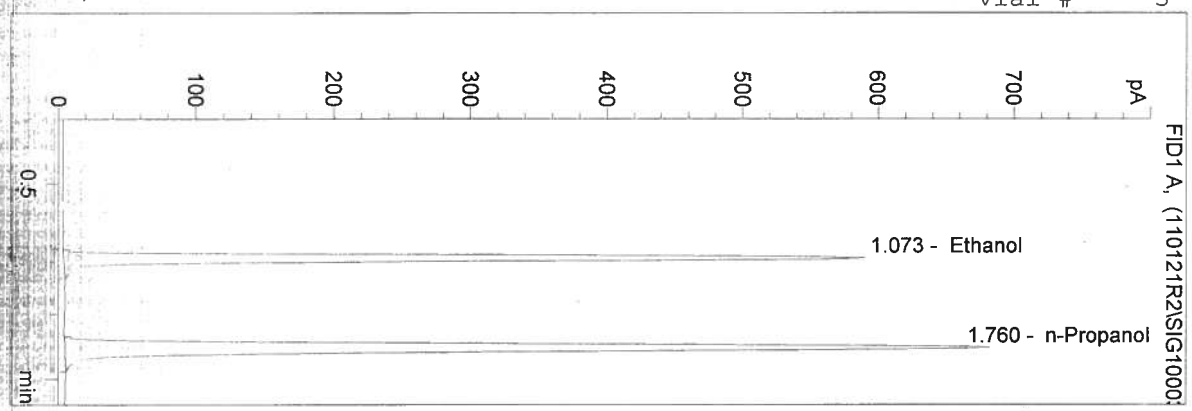
Instrument 1
DB-ALC1

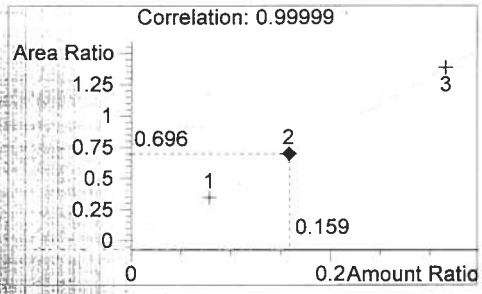
0.158 CAL 2
Rebecca Flaherty

vial # 3

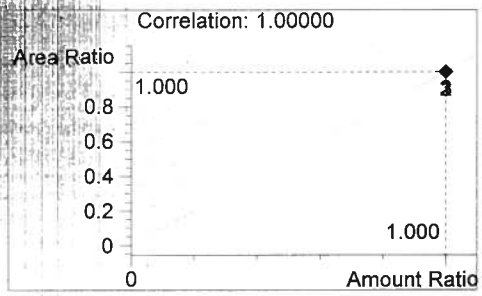


#	Compound	Area	RT
1	Ethanol	1886	1.073
2	n-Propanol	2709	1.760
Tot			

RF



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

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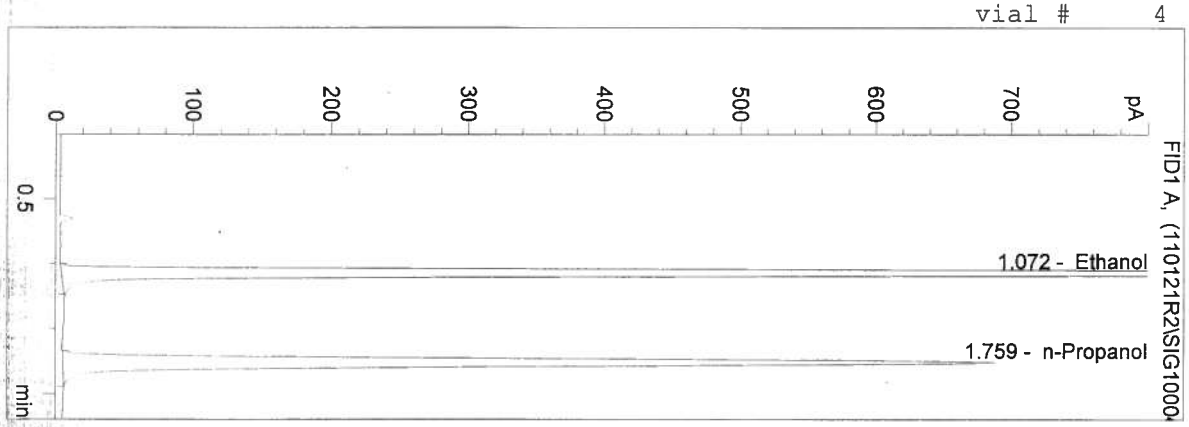
Instrument 1
DB-ALC1

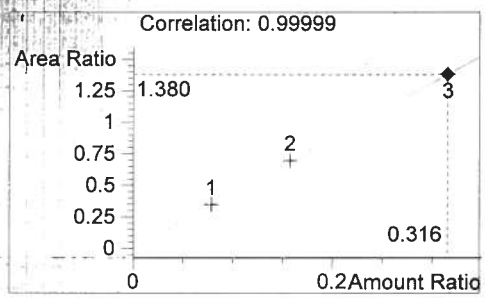
0.316 CAL 3
Rebecca Flaherty

vial # 4

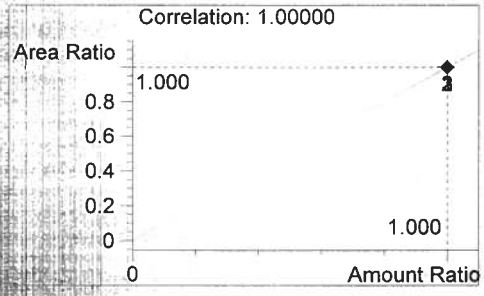


#	Compound	Area	RT
1	Ethanol	3747	1.072
2	n-Propanol	2716	1.759
Tot			

RF



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

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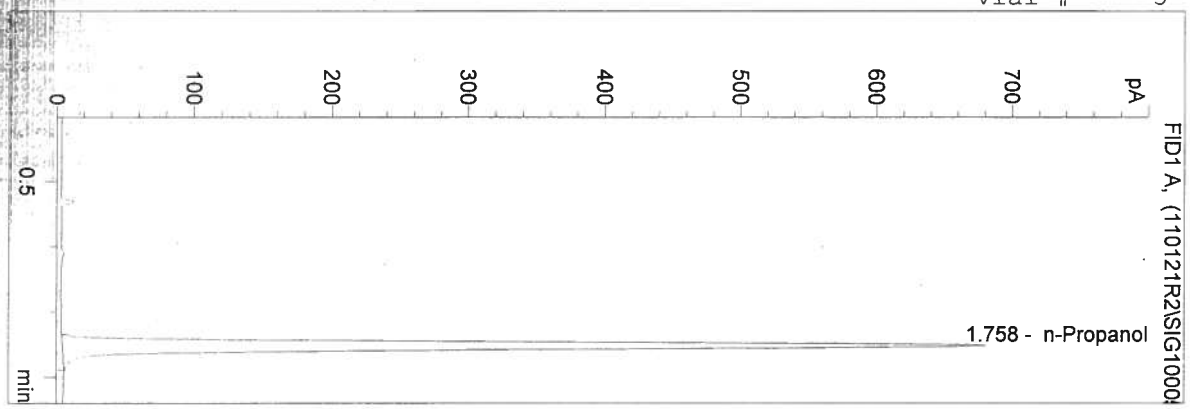
Instrument 1
DB-ALC1

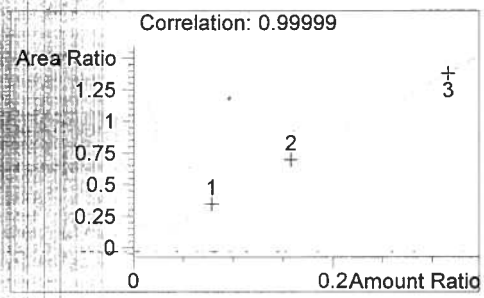
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

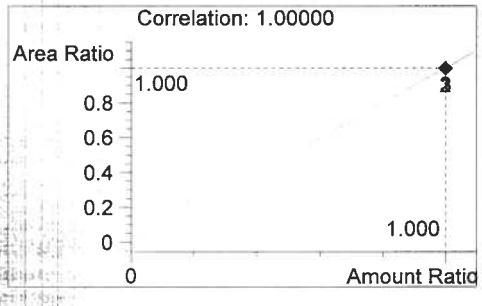


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2682	1.758
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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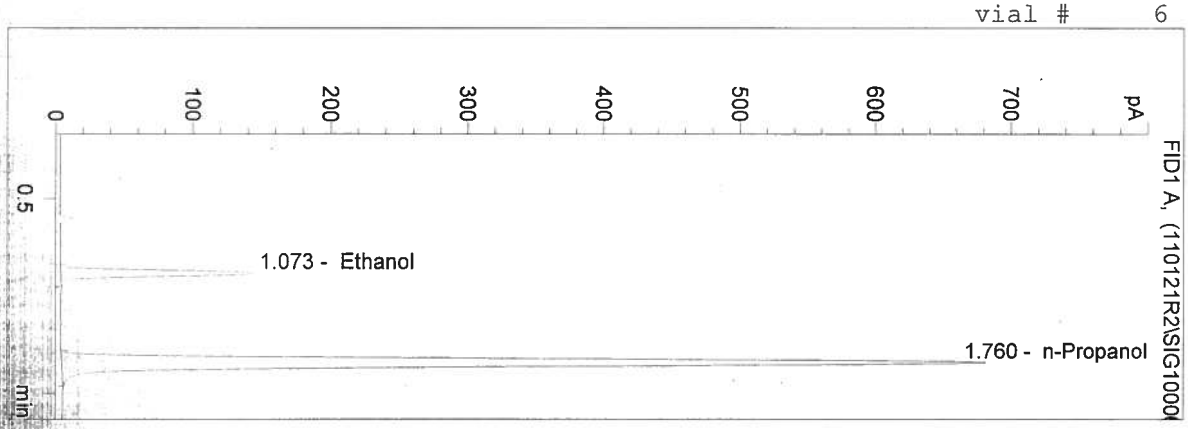
Instrument 1
DB-ALC1

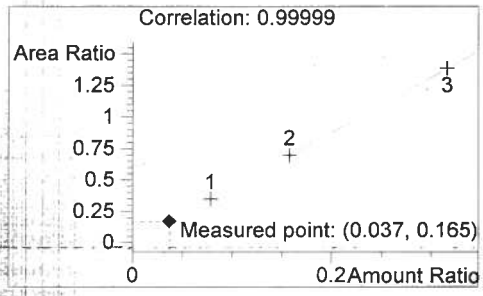
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

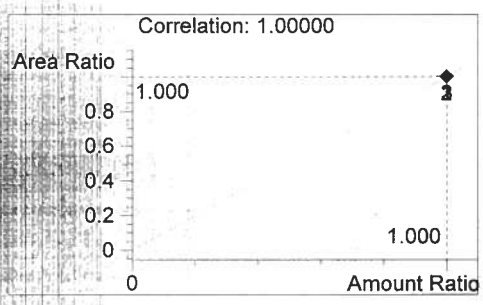


#	Compound	Area	RT
1	Ethanol	448	1.073
2	n-Propanol	2712	1.760
Tot			

RF



Ethanol 0.037 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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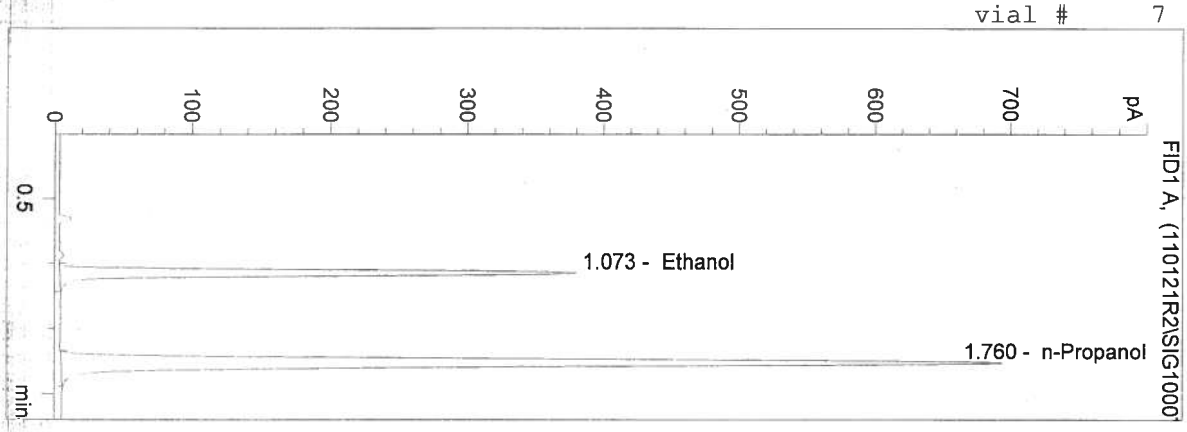
Instrument 1
DB-ALC1

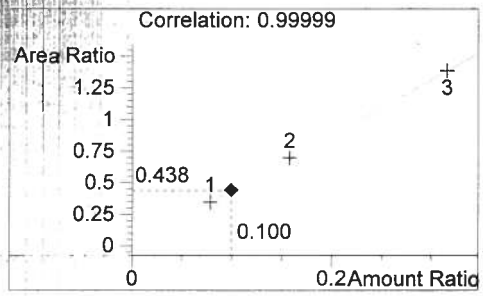
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

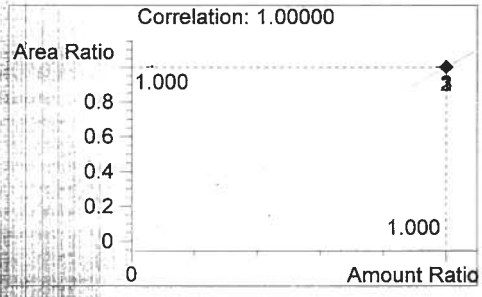


#	Compound	Area	RT
1	Ethanol	1204	1.073
2	n-Propanol	2751	1.760
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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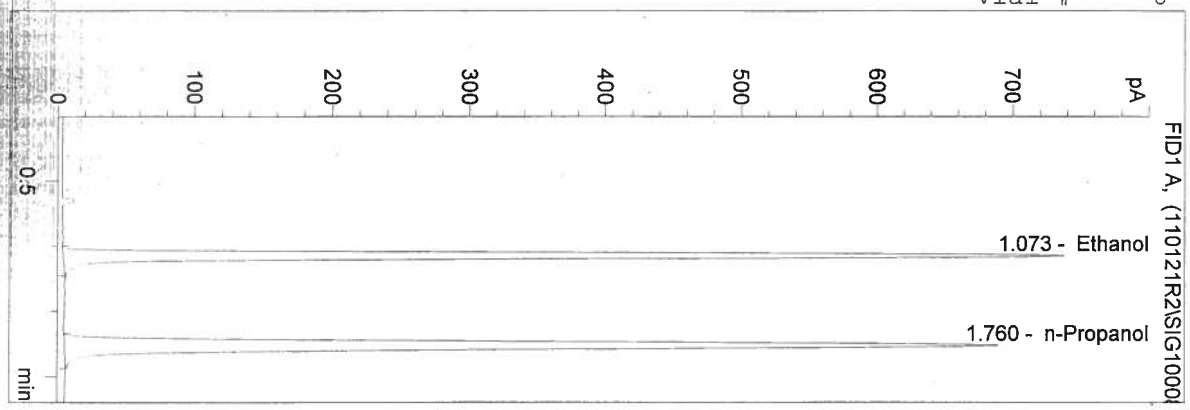
Instrument 1
DB-ALC1

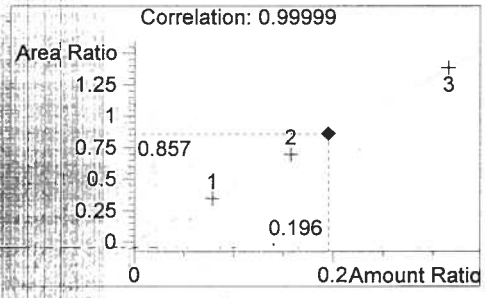
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

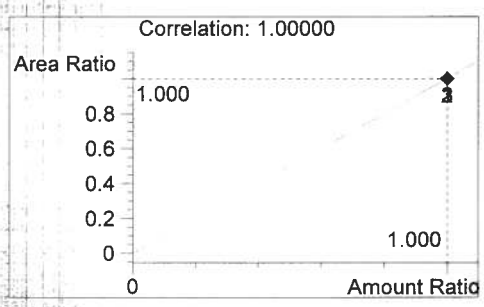


#	Compound	Area	RT
1	Ethanol	2337	1.073
2	n-Propanol	2726	1.760
Tot			

RF



Ethanol 0.196 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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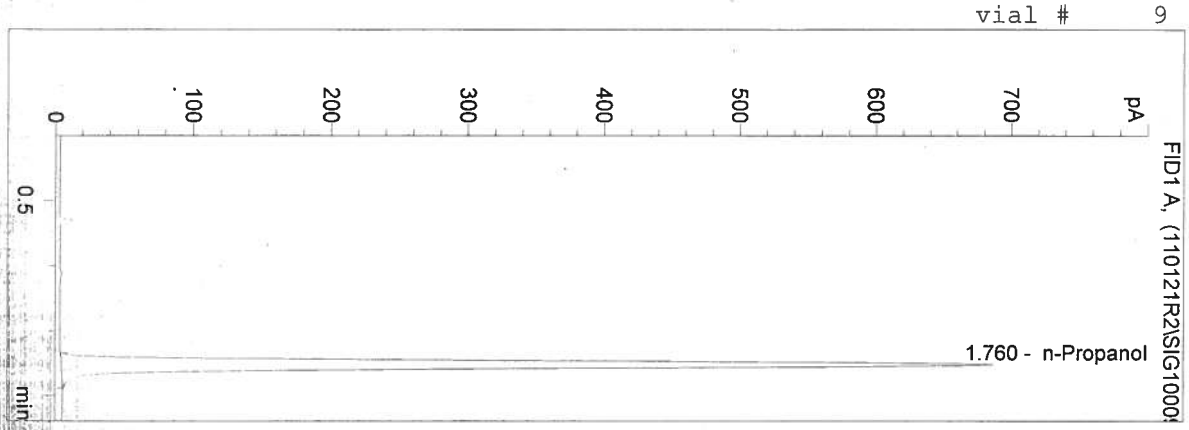
Instrument 1
DB-ALC1

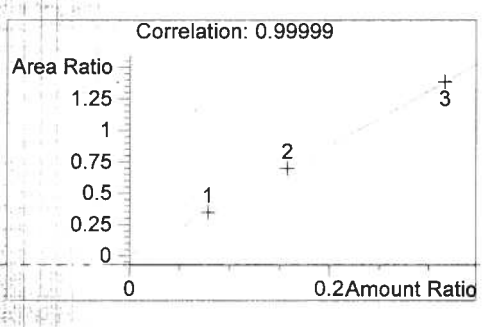
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

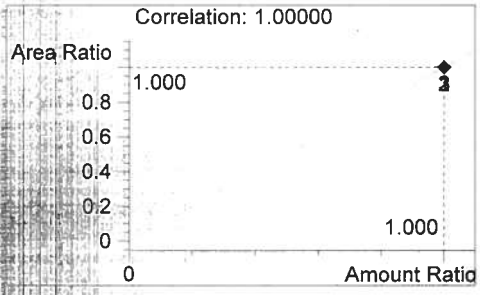


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2728	1.760
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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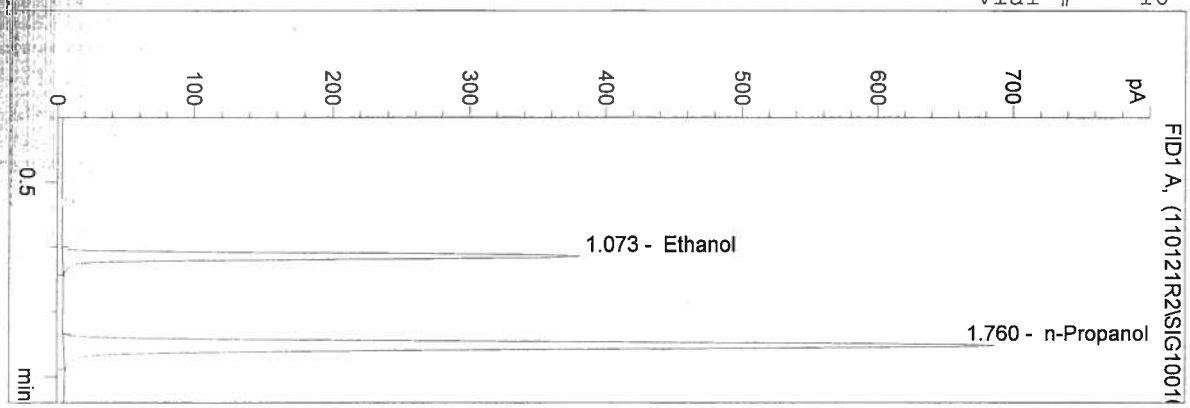
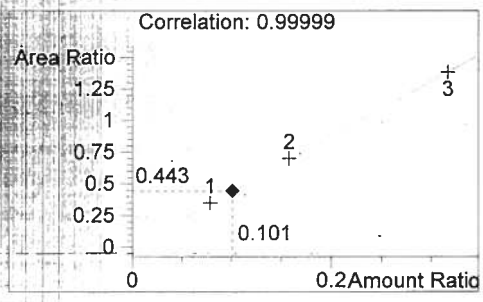
1/21/2011 1:53:02 PM 11002 #1
Instrument 1 Rebecca Flaherty
DB-ALC1
vial # 10

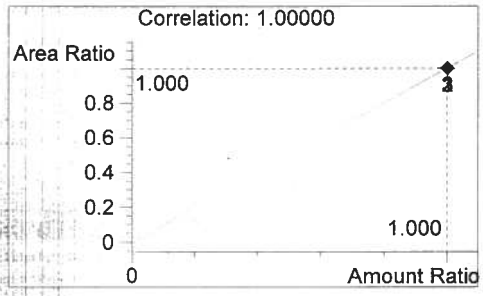


#	Compound	Area	RT
1	Ethanol	1206	1.073
2	n-Propanol	2721	1.760
Tot			

RK



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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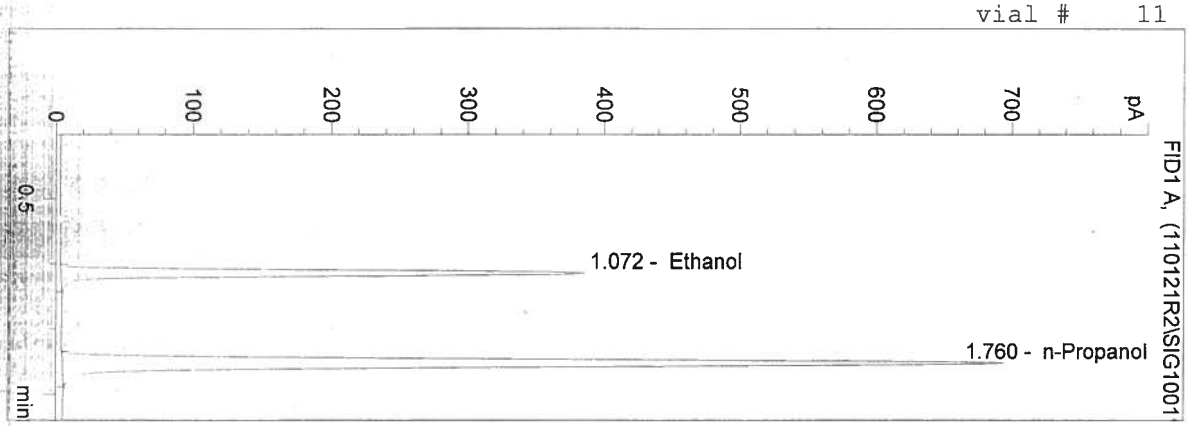
Instrument 1
DB-ALC1

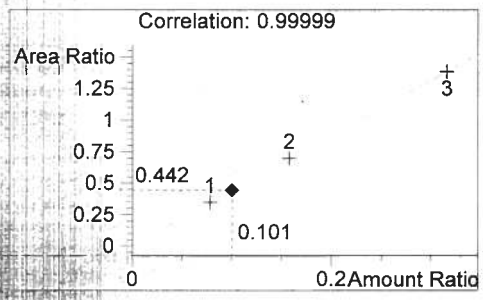
11002 #2
Rebecca Flaherty

vial # 11

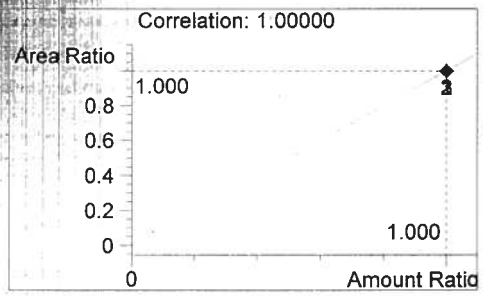


#	Compound	Area	RT
1	Ethanol	1215	1.072
2	n-Propanol	2749	1.760
Tot			

RF



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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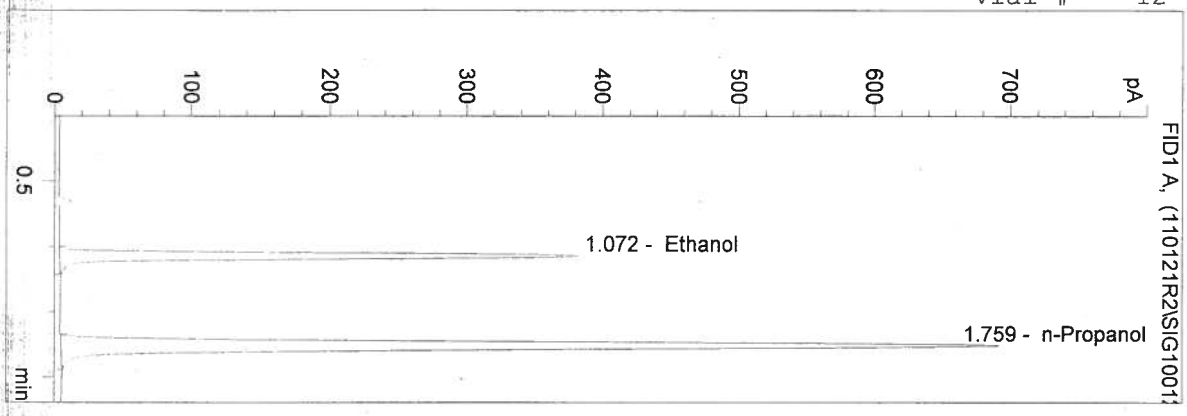
Instrument 1
DB-ALC1

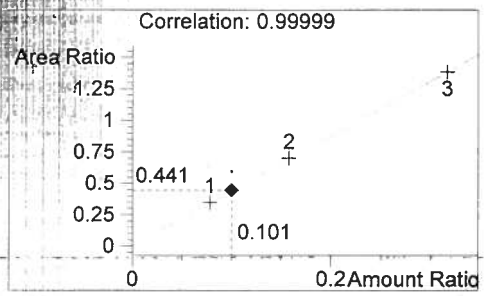
11002 #3
Rebecca Flaherty

vial # 12

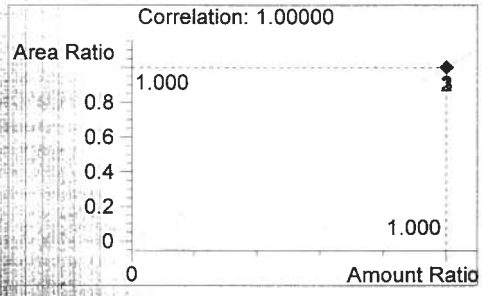


#	Compound	Area	RT
1	Ethanol	1209	1.072
2	n-Propanol	2739	1.759
	Tot		

RF



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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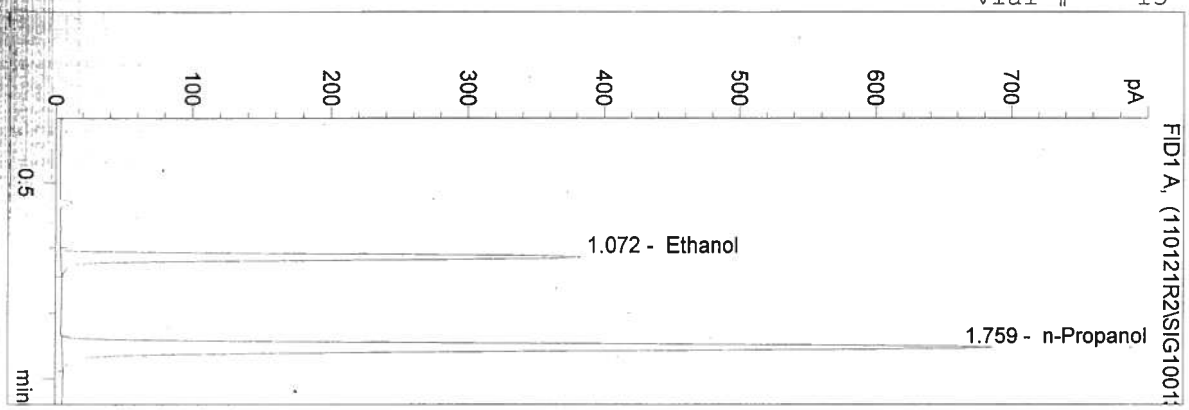
Instrument 1
DB-ALC1

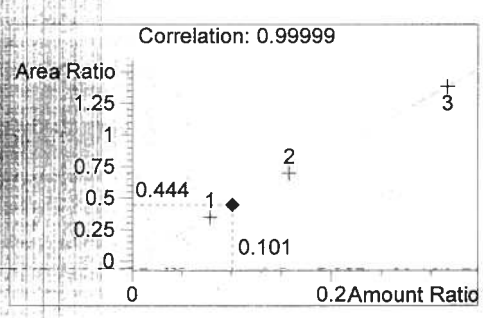
11002 #4
Rebecca Flaherty

vial # 13

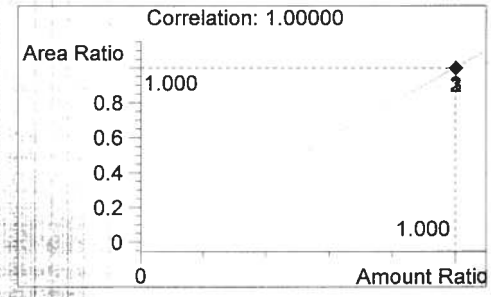


#	Compound	Area	RT
1	Ethanol	1207	1.072
2	n-Propanol	2718	1.759
Tot			

RF



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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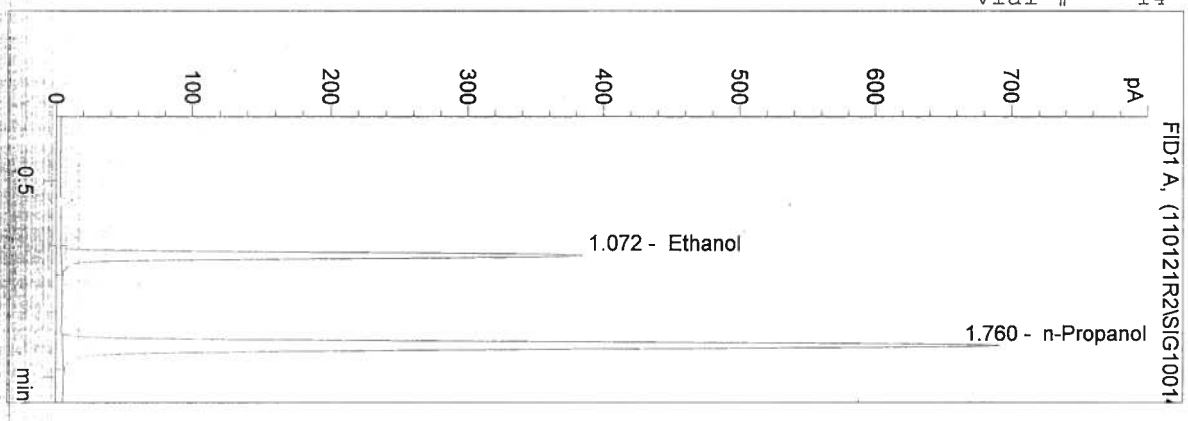
Instrument 1
DB-ALC1

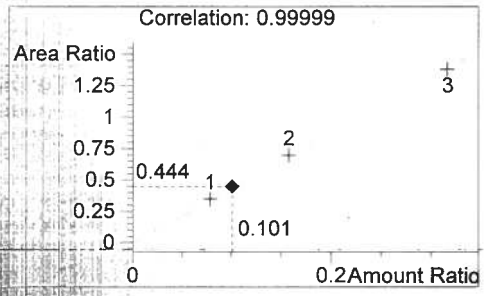
11002 #5
Rebecca Flaherty

vial # 14

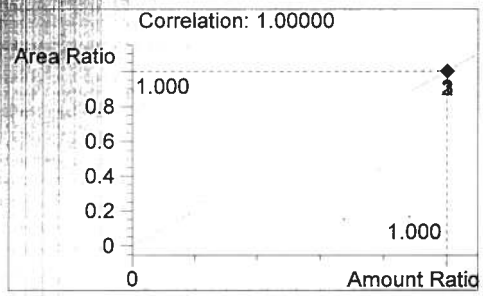


#	Compound	Area	RT
1	Ethanol	1213	1.072
2	n-Propanol	2732	1.760
Tot			

RF



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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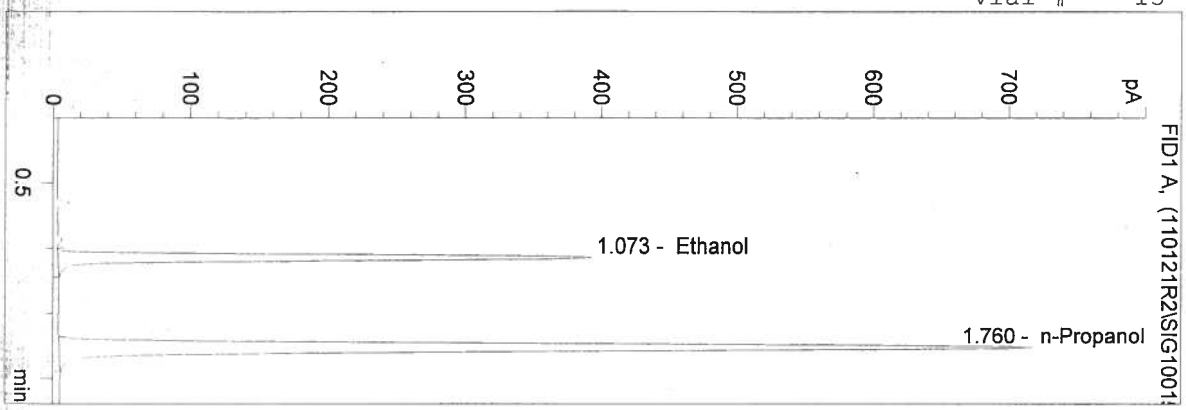
Instrument 1
DB-ALC1

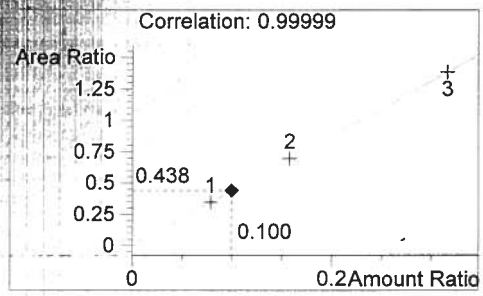
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

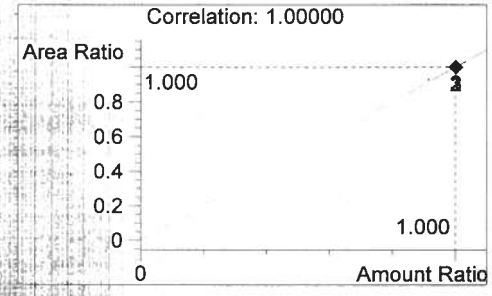


#	Compound	Area	RT
1	Ethanol	1249	1.073
2	n-Propanol	2851	1.760
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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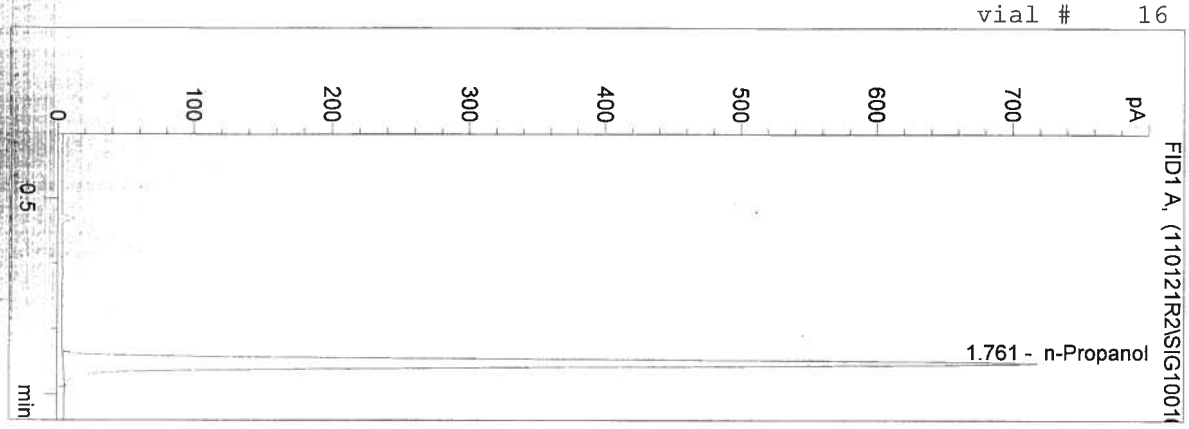
Instrument 1
DB-ALC1

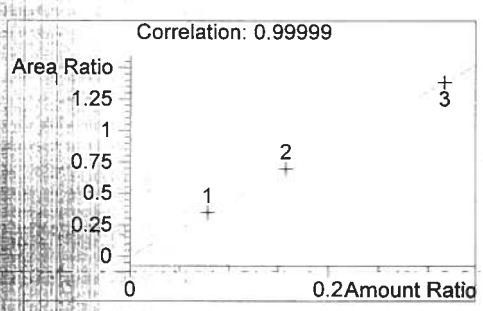
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

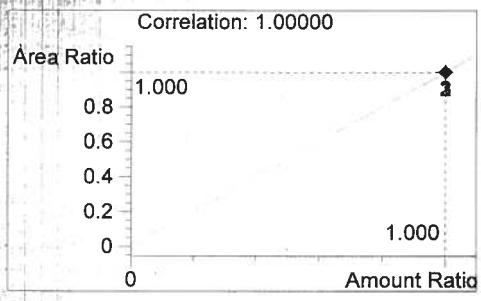


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2866	1.761
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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:	110125JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	11002-1	SIMALC1	1	Sample		
11	Vial 11	11002-2	SIMALC1	1	Sample		
12	Vial 12	11002-3	SIMALC1	1	Sample		
13	Vial 13	11002-4	SIMALC1	1	Sample		
14	Vial 14	11002-5	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	

11002

Sequence Table (Back Injector):

No entries - empty table!

JK

11002

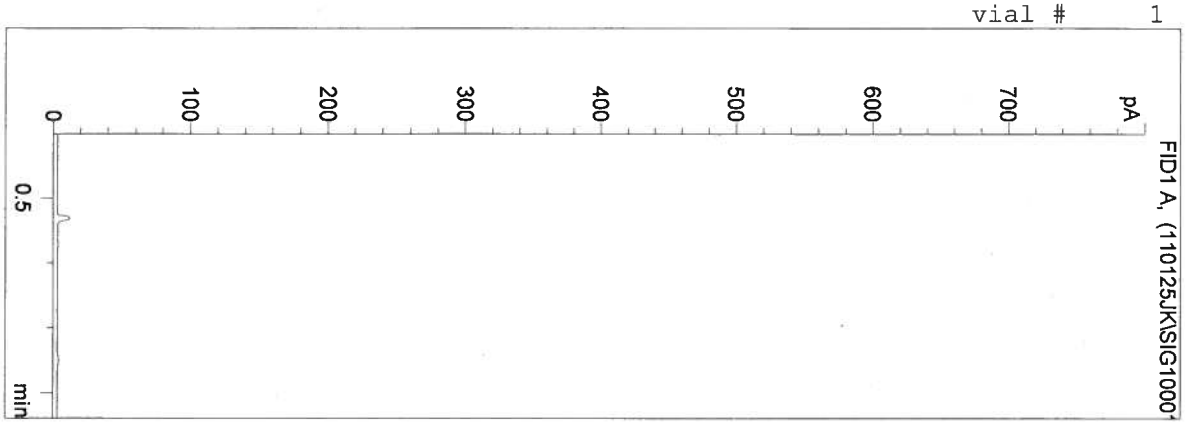
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

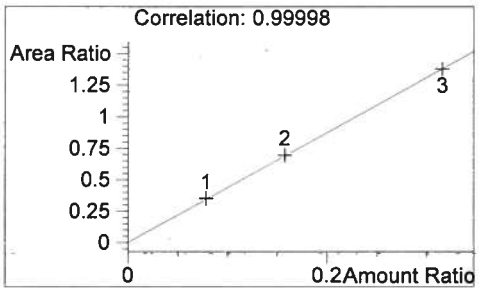
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:07:40 PM
Instrument 1
DB-ALC1

BLANK
Justin Knoy

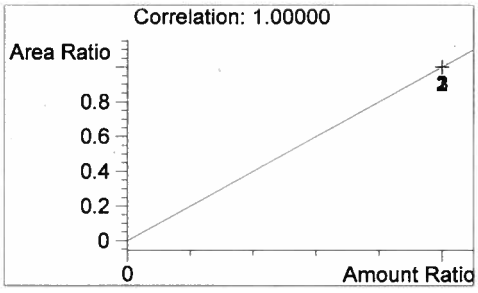
vial # 1



#	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

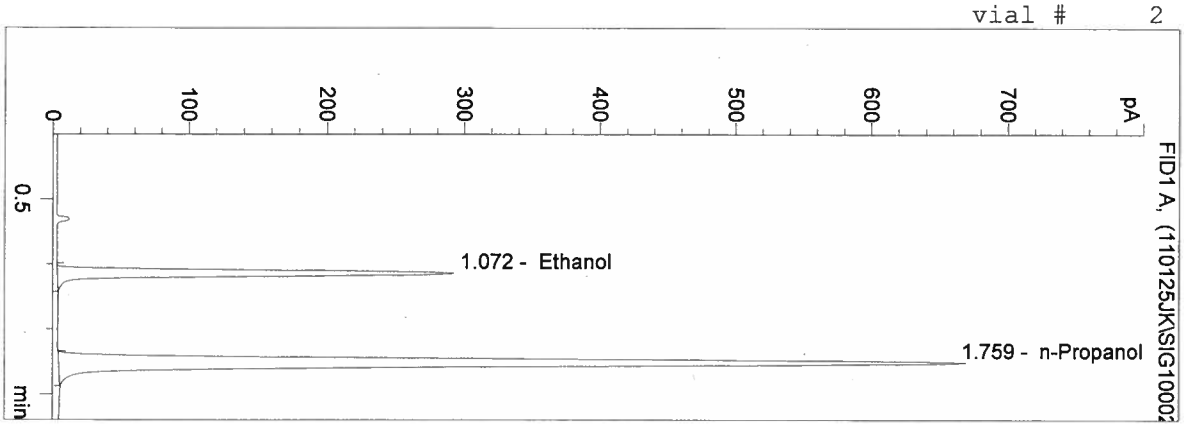
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

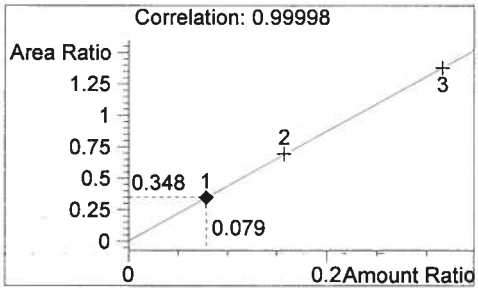
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:10:45 PM
Instrument 1
DB-ALC1

0.079 CAL
Justin Knoy

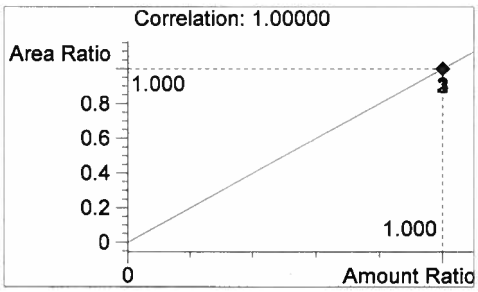
vial # 2



#	Compound	Area	RT
1	Ethanol	923	1.072
2	n-Propanol	2654	1.759
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11002

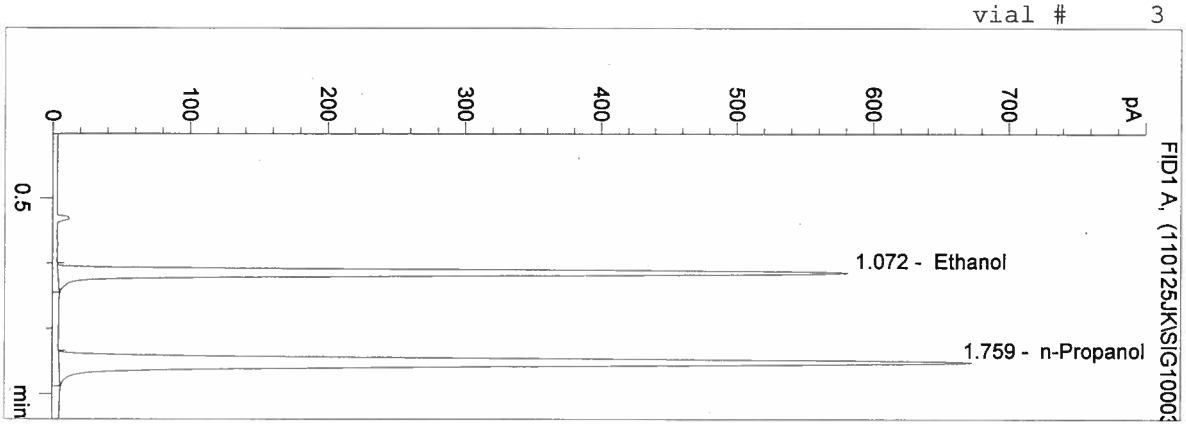
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

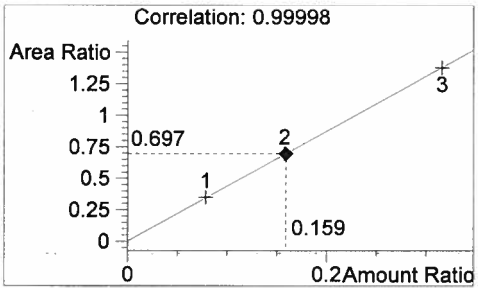
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:13:49 PM
Instrument 1
DB-ALC1

0.158 CAL
Justin Knoy

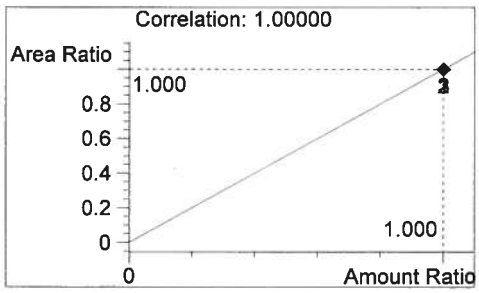
vial # 3



#	Compound	Area	RT
1	Ethanol	1866	1.072
2	n-Propanol	2678	1.759
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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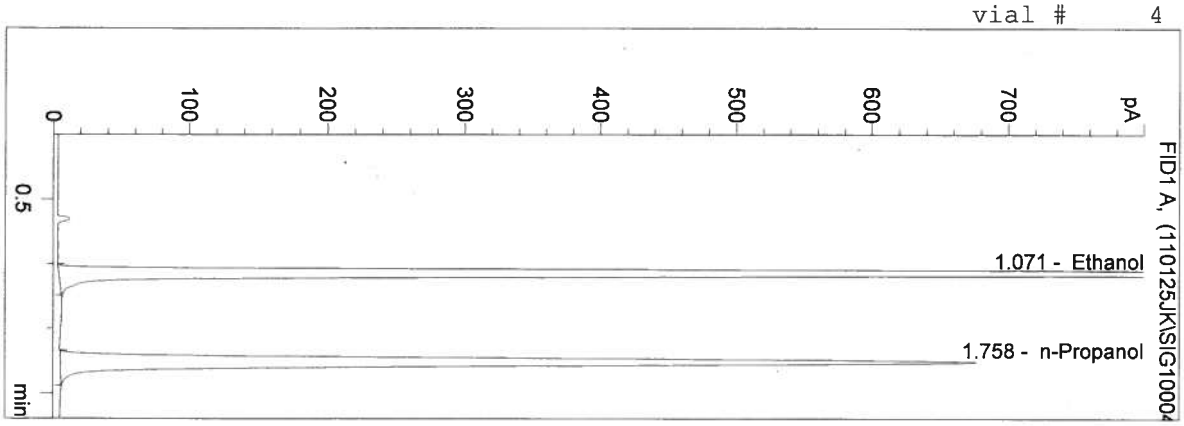
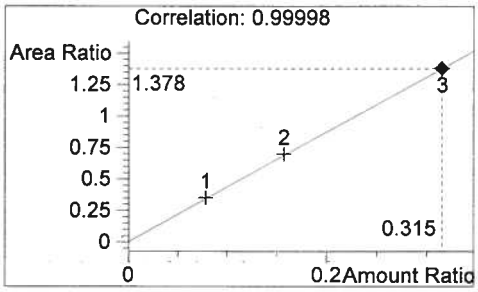
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:16:54 PM
Instrument 1
DB-ALC1

0.316 CAL
Justin Knoy

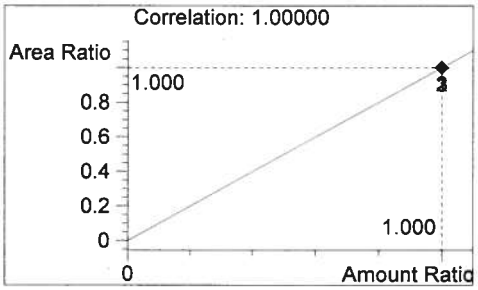
vial # 4



#	Compound	Area	RT
1	Ethanol	3683	1.071
2	n-Propanol	2673	1.758
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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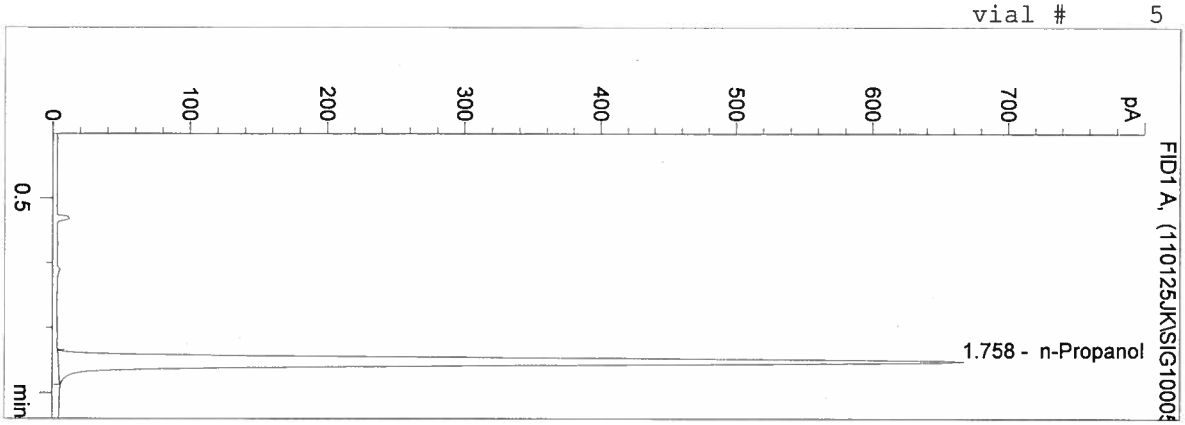
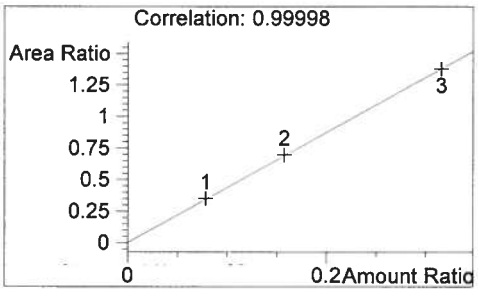
1/25/2011 12:19:59 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

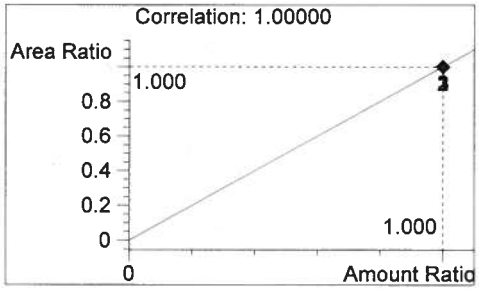
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2644	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

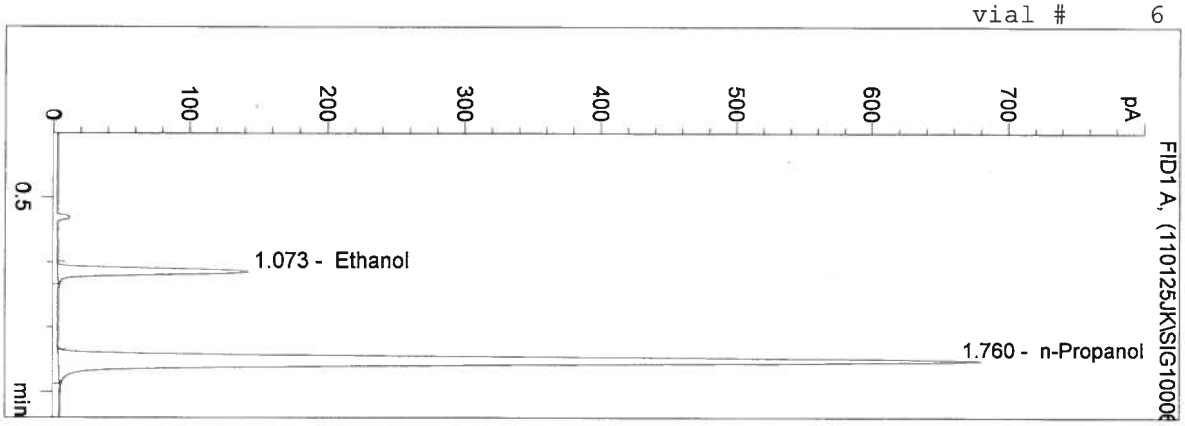
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

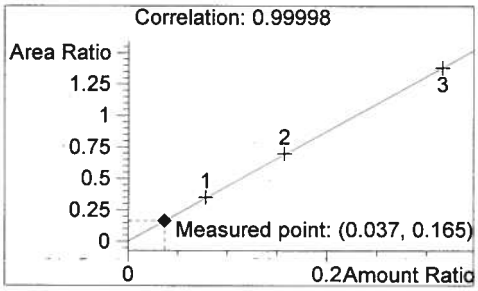
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:23:04 PM
Instrument 1
DB-ALC1

0.04 CTRL JK
Justin Knoy

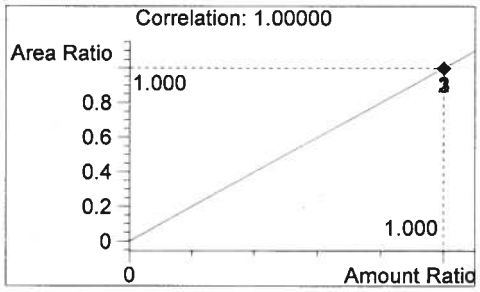
vial # 6



#	Compound	Area	RT
1	Ethanol	445	1.073
2	n-Propanol	2701	1.760
Tot			



Ethanol 0.037 g/100 mL



n-Propanol 1.000 g/100 mL

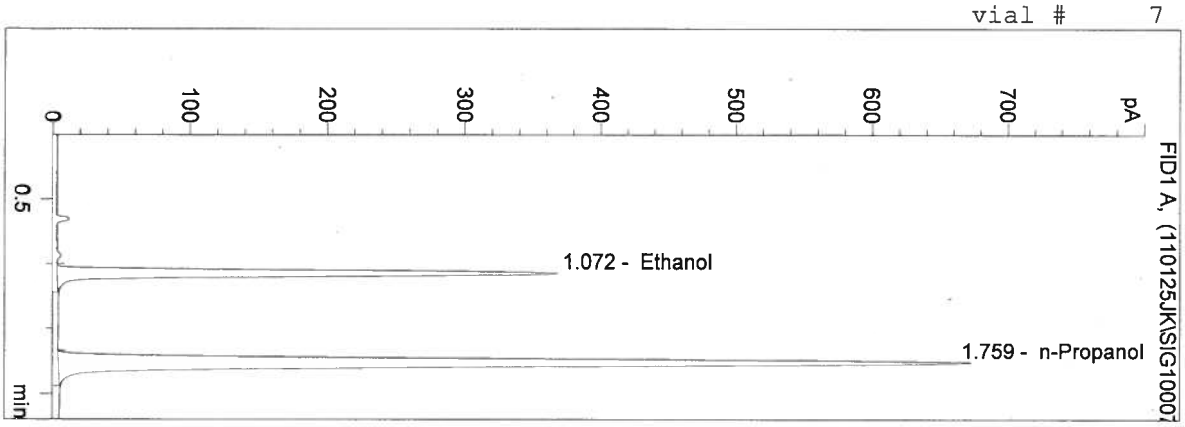
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

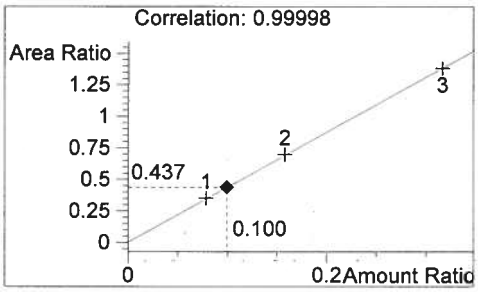
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:26:08 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

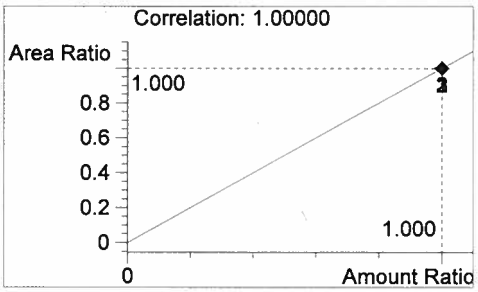
vial # 7



#	Compound	Area	RT
1	Ethanol	1170	1.072
2	n-Propanol	2676	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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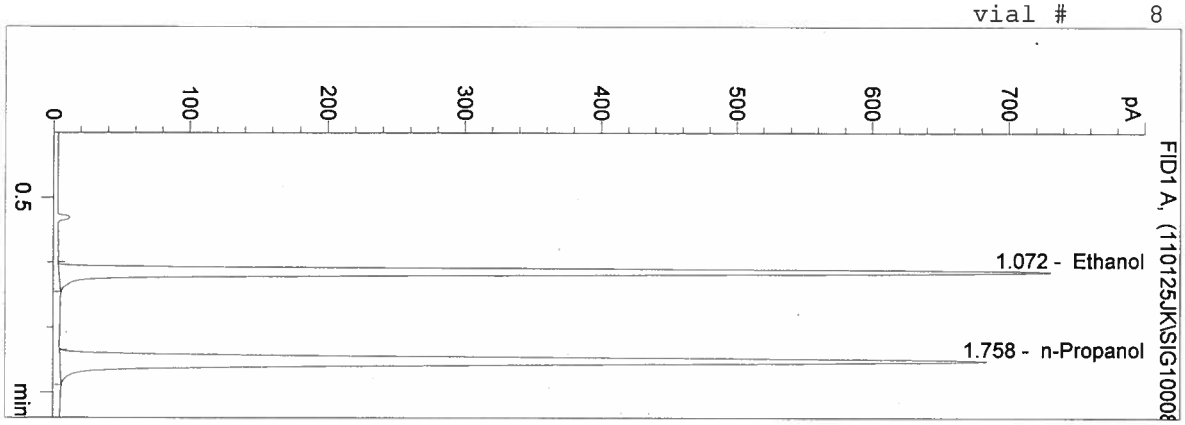
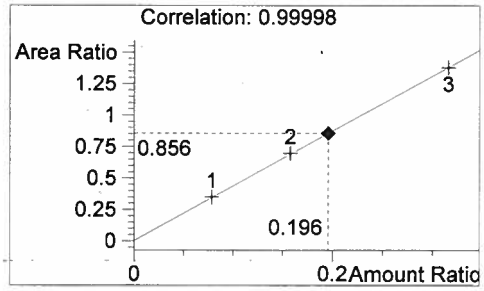
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:29:13 PM
Instrument 1
DB-ALC1

0.20 CTRL JK
Justin Knoy

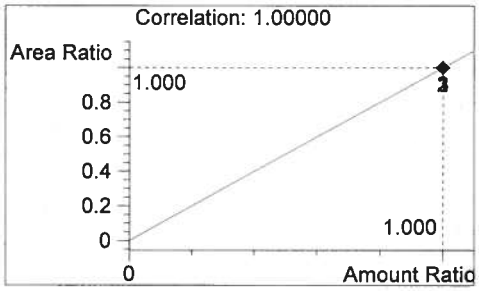
vial # 8



#	Compound	Area	RT
1	Ethanol	2319	1.072
2	n-Propanol	2709	1.758
Tot			



Ethanol 0.196 g/100 mL



n-Propanol 1.000 g/100 mL

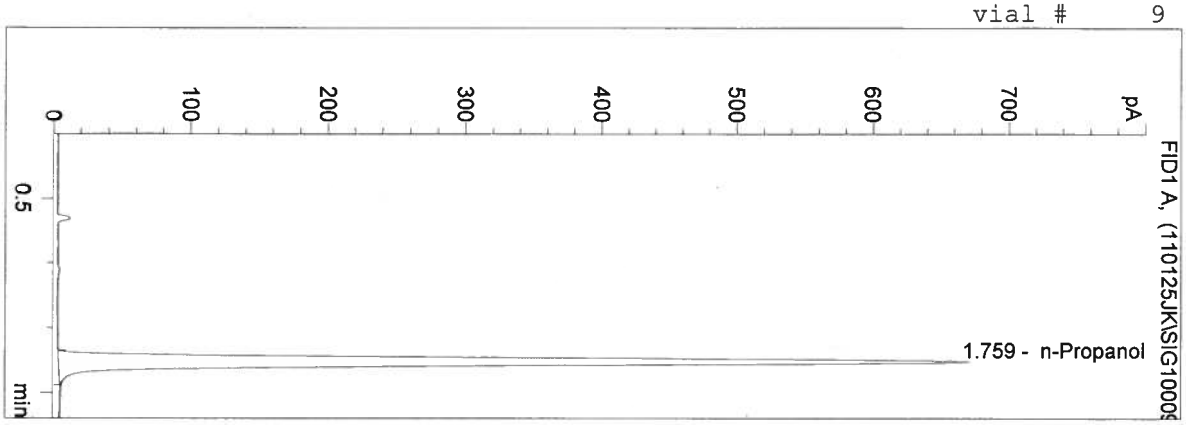
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

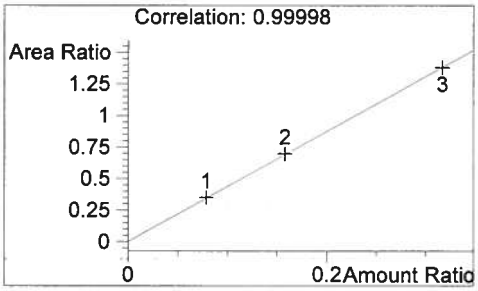
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:32:18 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

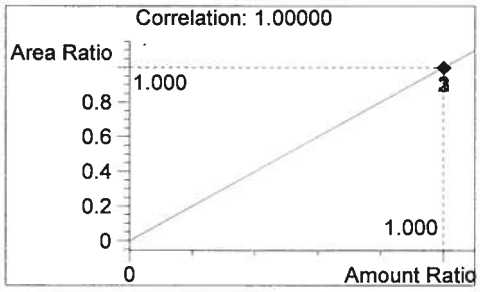
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2660	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

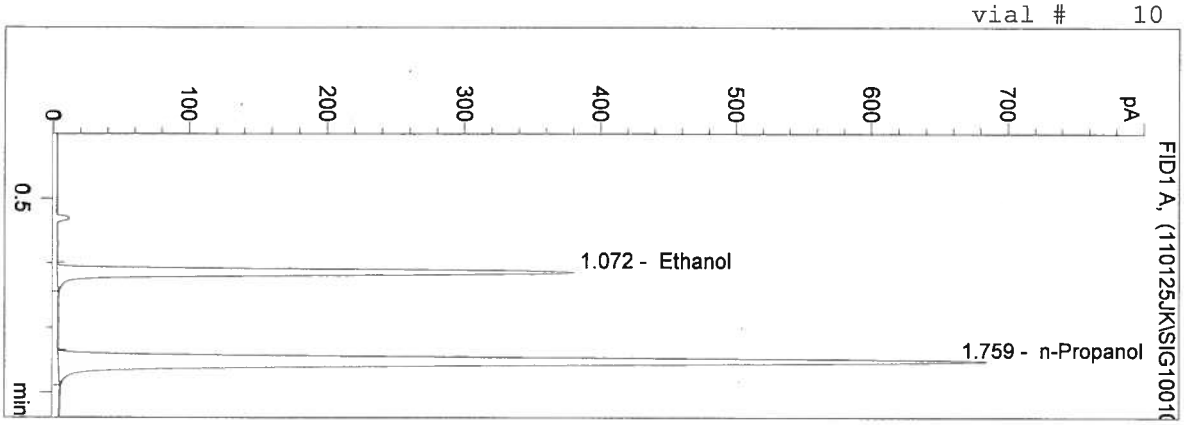
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

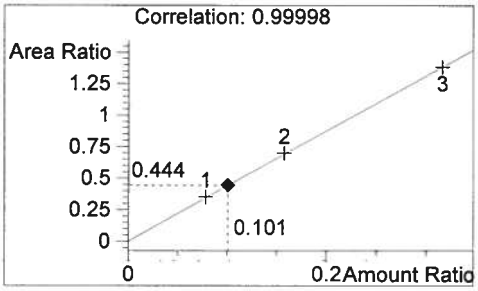
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:35:23 PM
Instrument 1
DB-ALC1

11002-1
Justin Knoy

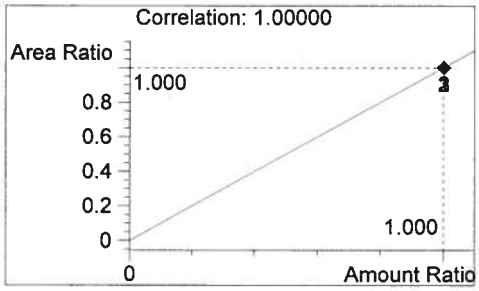
vial # 10



#	Compound	Area	RT
1	Ethanol	1204	1.072
2	n-Propanol	2714	1.759
Tot			



Ethanol 0.101 g/100 mL



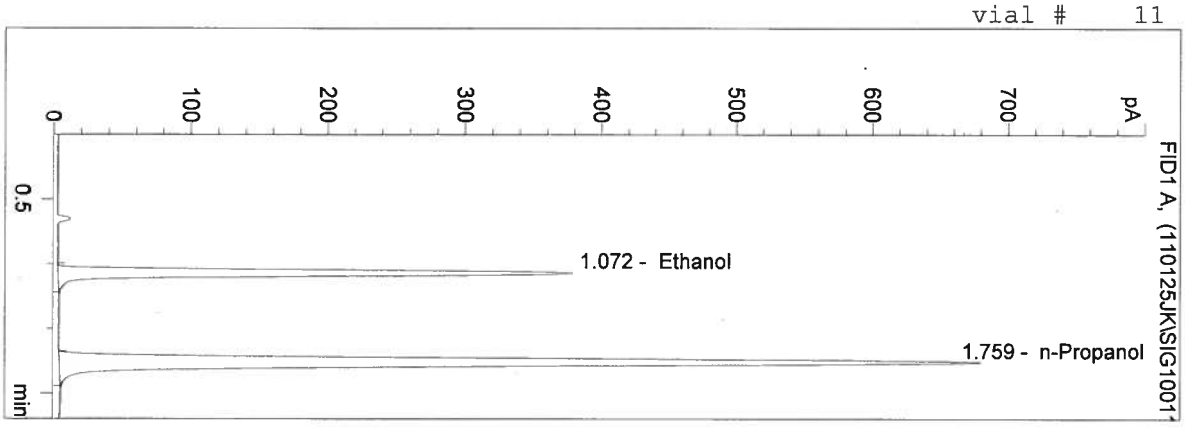
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

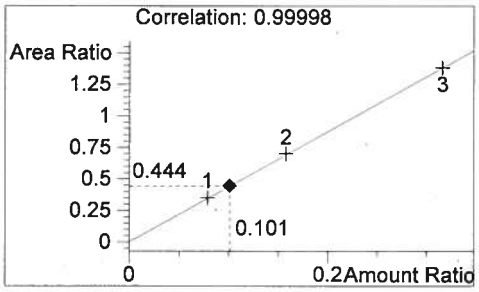
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:38:27 PM
Instrument 1
DB-ALC1

11002-2
Justin Knoy

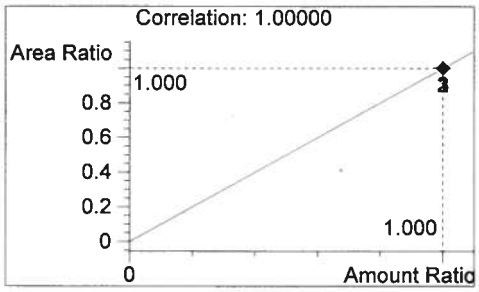
vial # 11



#	Compound	Area	RT
1	Ethanol	1198	1.072
2	n-Propanol	2700	1.759
Tot			



Ethanol 0.101 g/100 mL



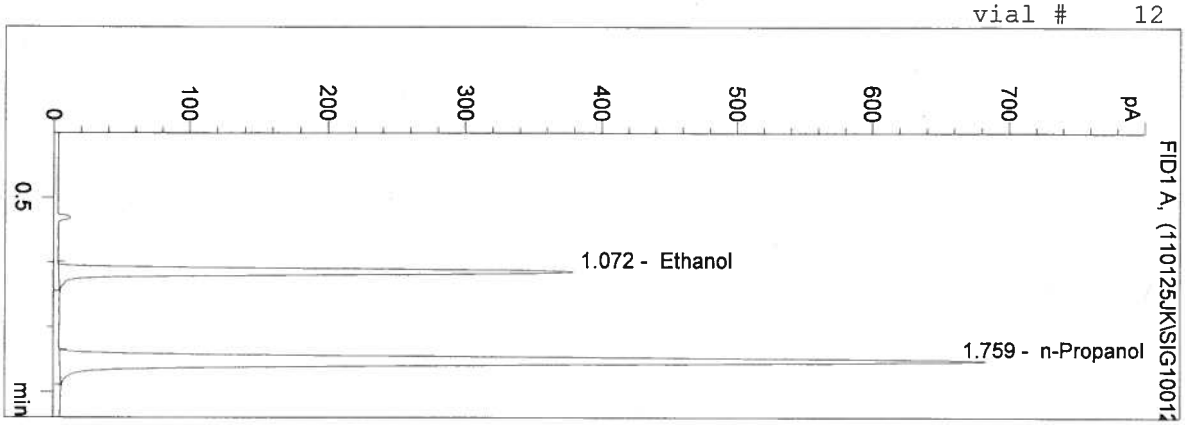
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

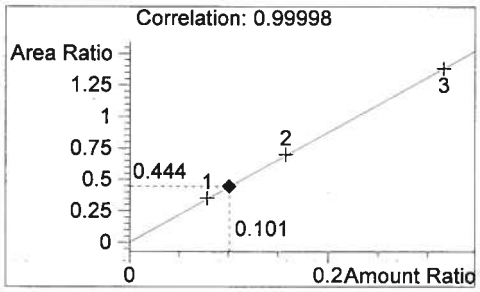
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:41:32 PM
Instrument 1
DB-ALC1

11002-3
Justin Knoy

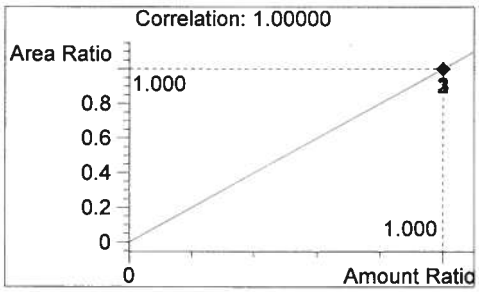
vial # 12



#	Compound	Area	RT
1	Ethanol	1209	1.072
2	n-Propanol	2720	1.759
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

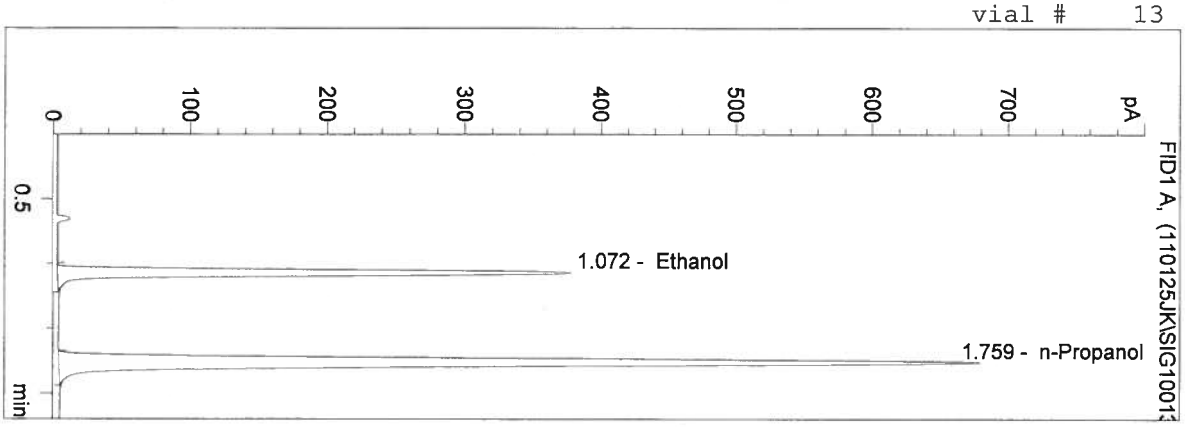
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

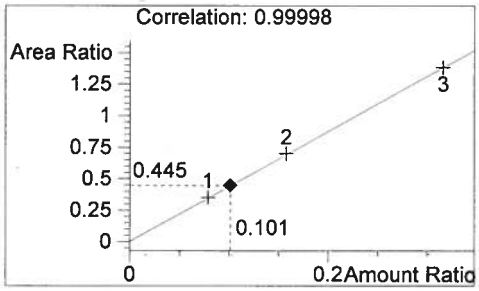
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:44:37 PM
Instrument 1
DB-ALC1

11002-4
Justin Knoy

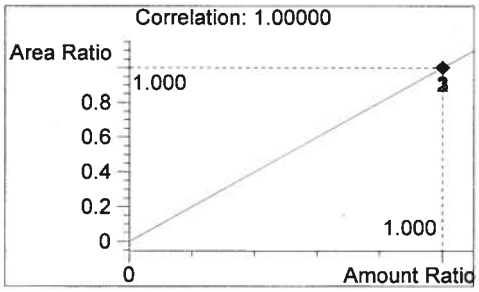
vial # 13



#	Compound	Area	RT
1	Ethanol	1198	1.072
2	n-Propanol	2694	1.759
Tot			



Ethanol 0.101 g/100 mL



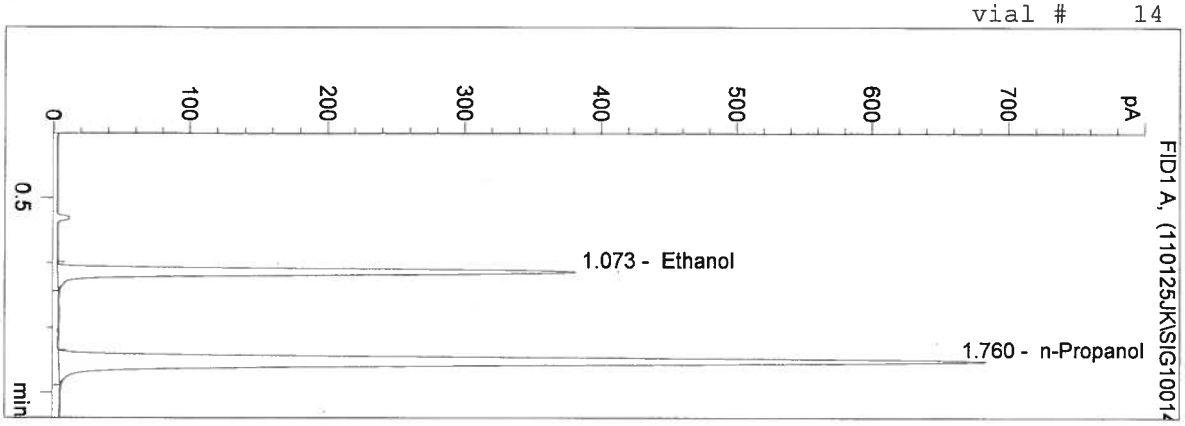
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

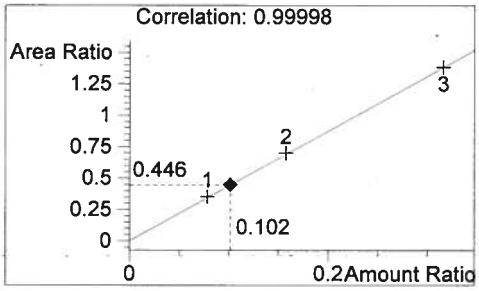
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:47:42 PM
Instrument 1
DB-ALC1

11002-5
Justin Knoy

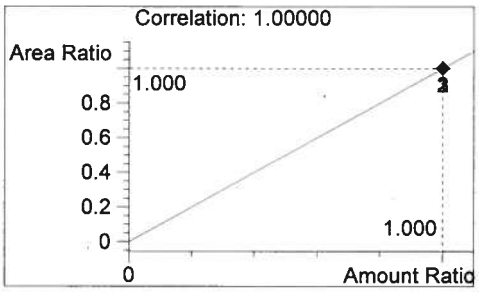
vial # 14



#	Compound	Area	RT
1	Ethanol	1212	1.073
2	n-Propanol	2715	1.760
Tot			



Ethanol 0.102 g/100 mL



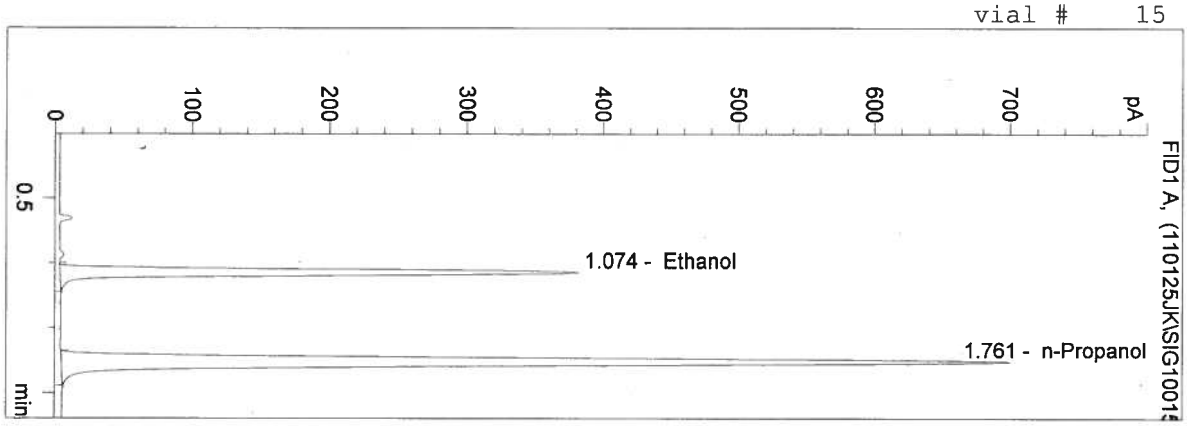
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

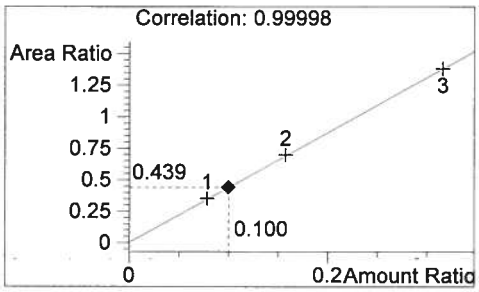
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:50:47 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

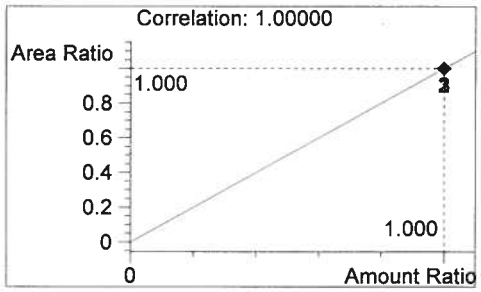
vial # 15



#	Compound	Area	RT
1	Ethanol	1228	1.074
2	n-Propanol	2797	1.761
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11002

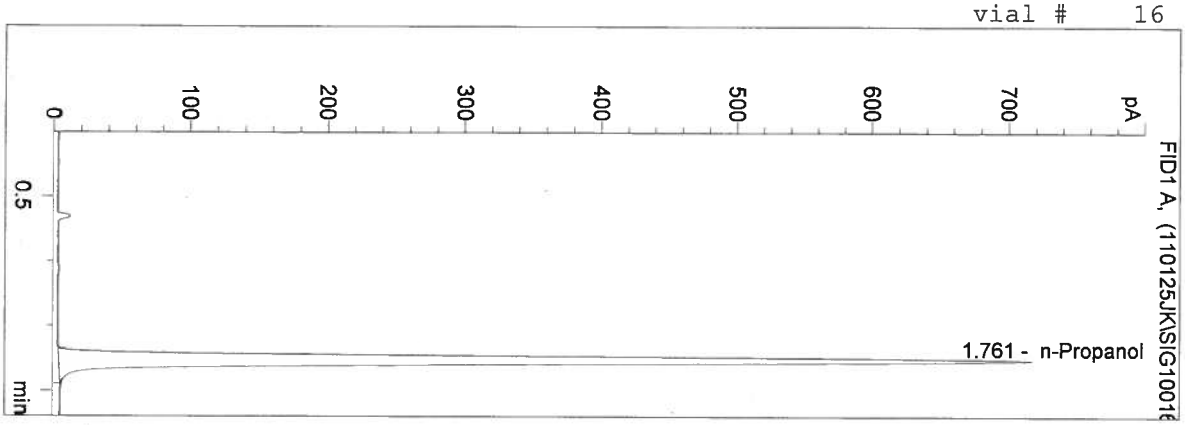
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

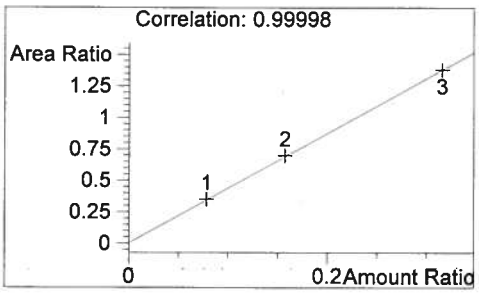
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 12:53:51 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

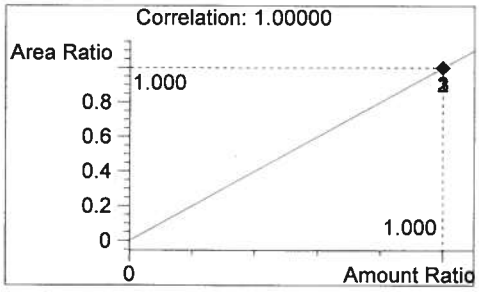
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2863	1.761
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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

Sequence Parameters:

Operator:	Sarah Swenson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110125SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-SS	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
10	Vial 10	11002 #1	SIMALC1	1	Sample		
11	Vial 11	11002 #2	SIMALC1	1	Sample		
12	Vial 12	11002 #3	SIMALC1	1	Sample		
13	Vial 13	11002 #4	SIMALC1	1	Sample		
14	Vial 14	11002 #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	

11002

Sequence Table (Back Injector):

No entries - empty table!

SMS

11002

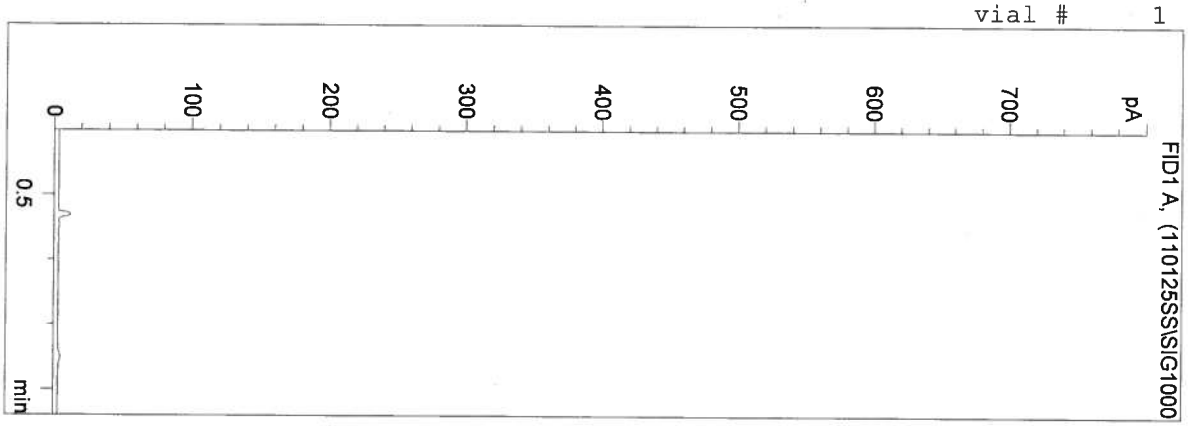
SWS

WASHINGTON STATE TOXICOLOGY LABORATORY

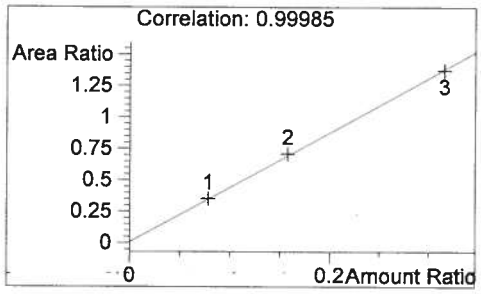
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 1:18:55 PM
Instrument 1
DB-ALC1

BLANK-SS
Sarah Swenson

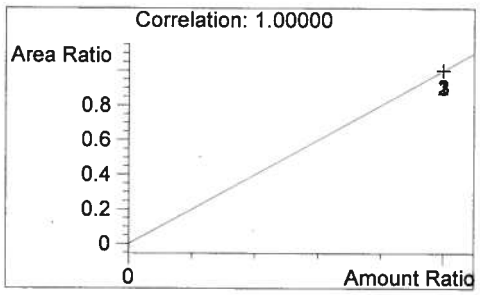
vial # 1



#	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

11002

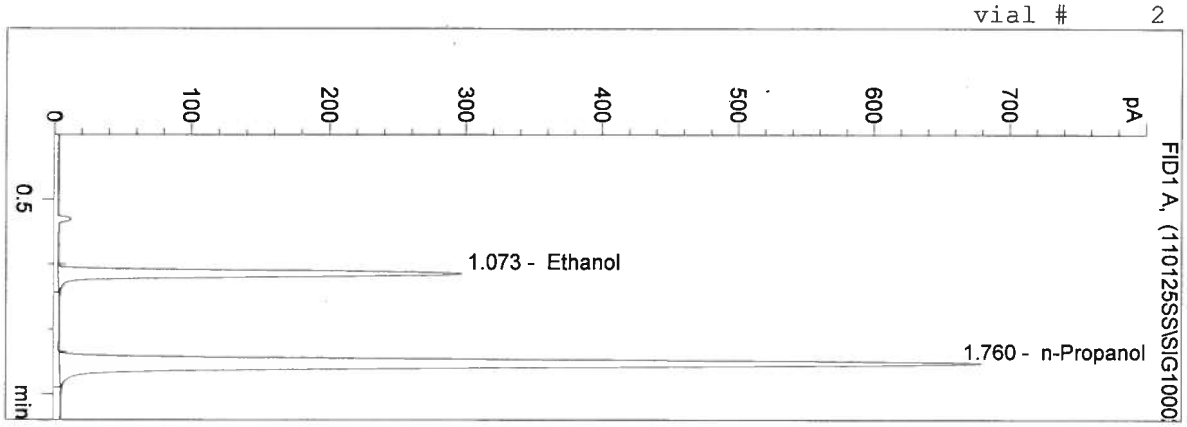
SWS

WASHINGTON STATE TOXICOLOGY LABORATORY

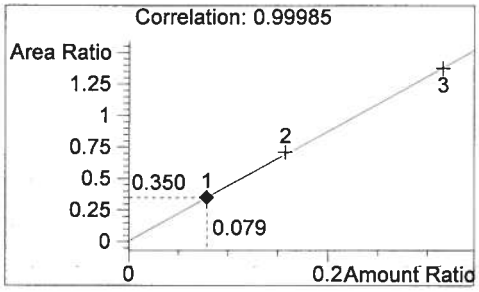
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 1:21:59 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Sarah Swenson

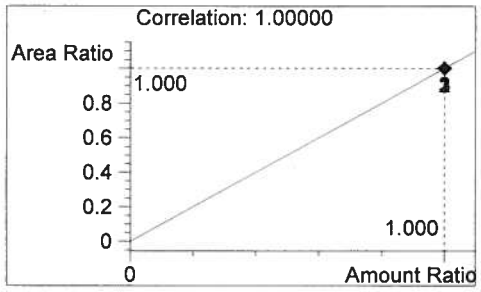
vial # 2



#	Compound	Area	RT
1	Ethanol	947	1.073
2	n-Propanol	2703	1.760
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

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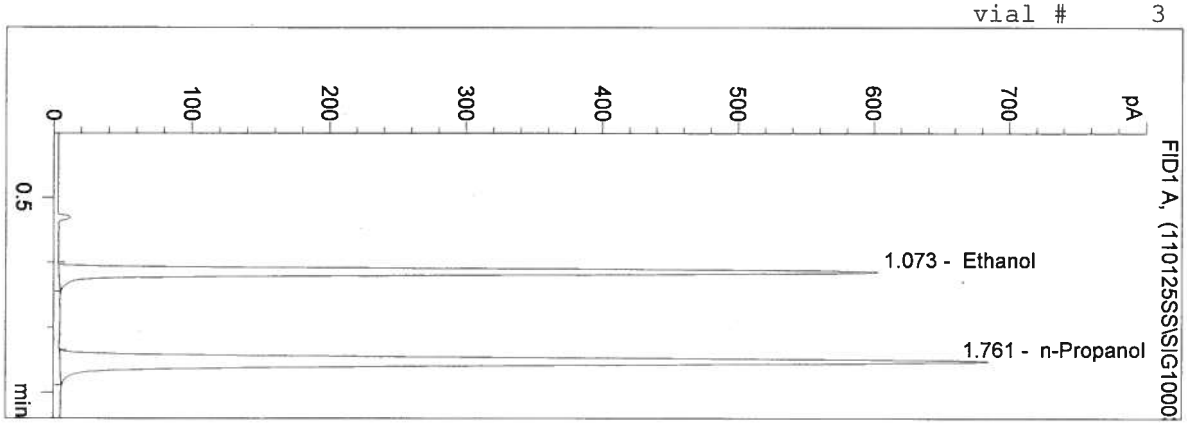
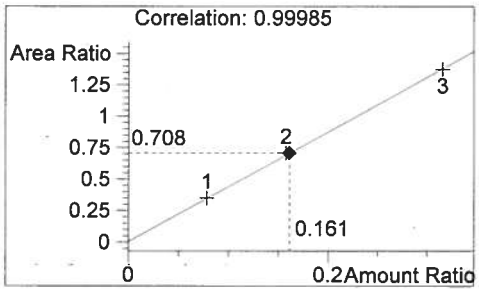
1/25/2011 1:25:04 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Sarah Swenson

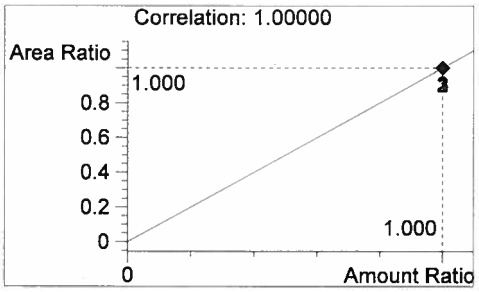
vial # 3



#	Compound	Area	RT
1	Ethanol	1932	1.073
2	n-Propanol	2728	1.761
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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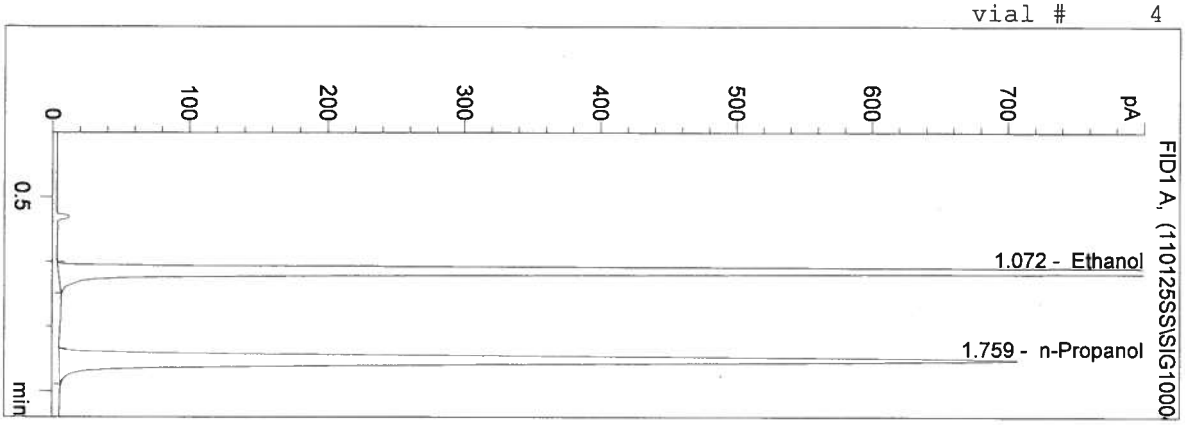
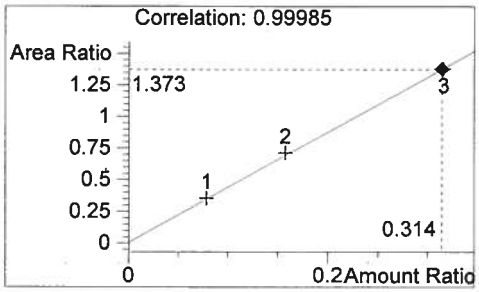
1/25/2011 1:28:09 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Sarah Swenson

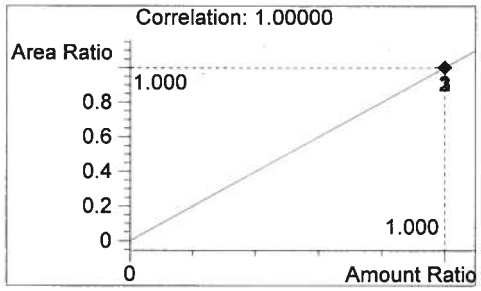
vial # 4



#	Compound	Area	RT
1	Ethanol	3836	1.072
2	n-Propanol	2794	1.759
Tot			



Ethanol 0.314 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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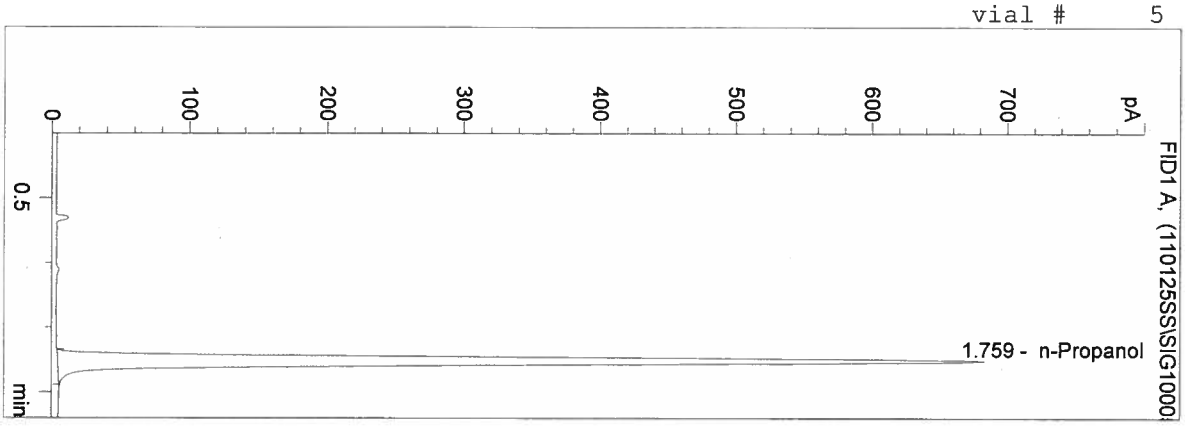
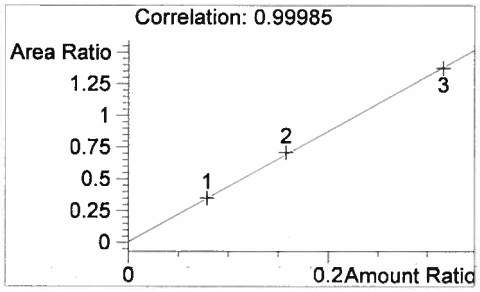
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

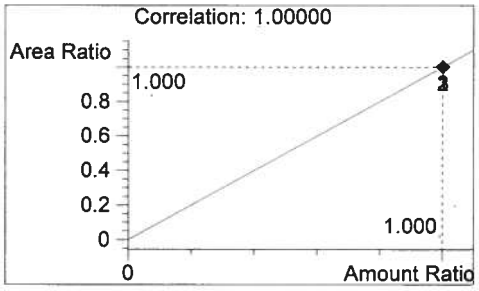
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2717	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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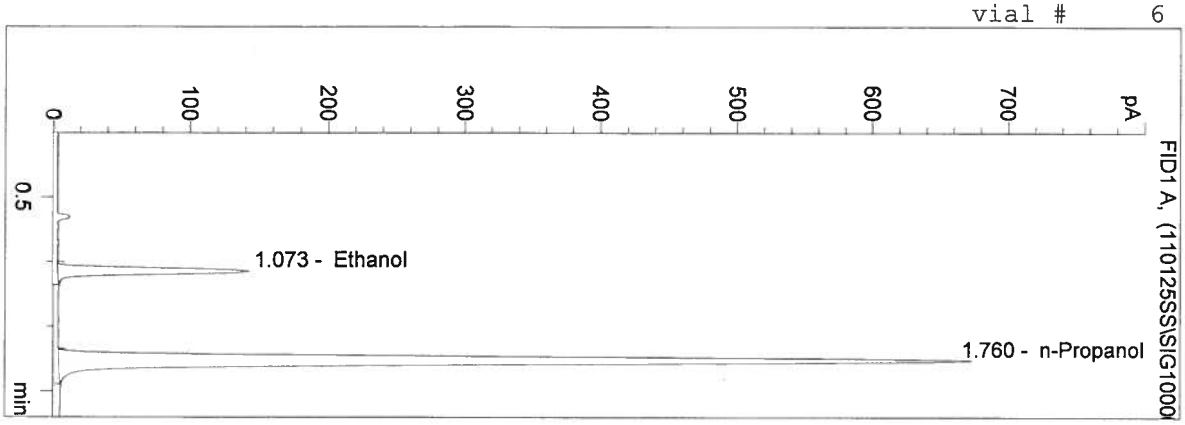
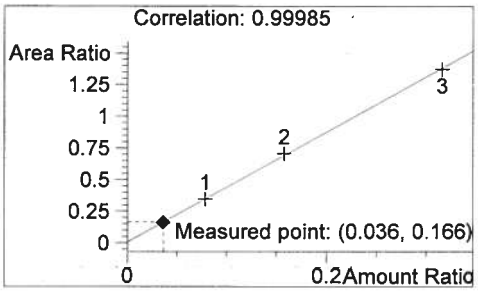
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 1:34:18 PM
Instrument 1
DB-ALC1

0.04 CTRL-SS
Sarah Swenson

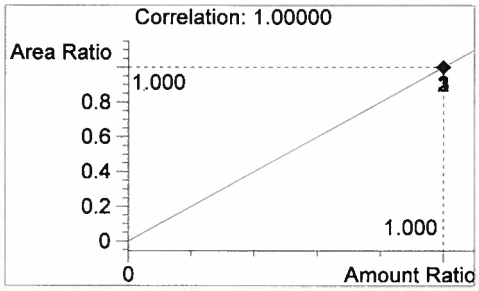
vial # 6



#	Compound	Area	RT
1	Ethanol	444	1.073
2	n-Propanol	2679	1.760
Tot			



Ethanol 0.036 g/100 mL



n-Propanol 1.000 g/100 mL

11002

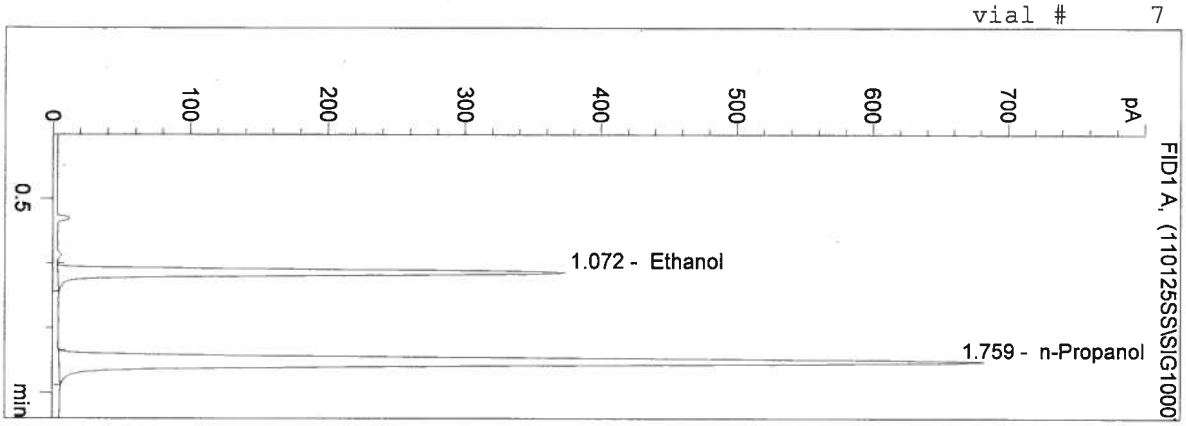
GVS

WASHINGTON STATE TOXICOLOGY LABORATORY

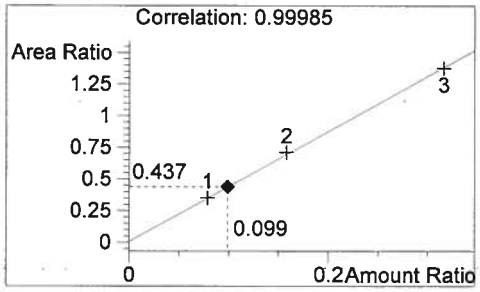
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 1:37:23 PM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

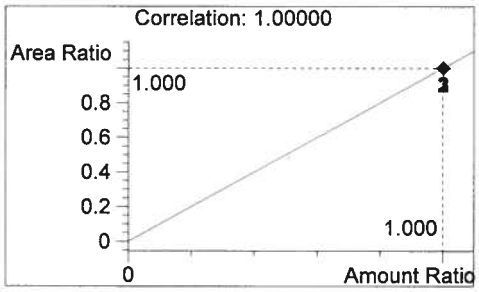
vial # 7



#	Compound	Area	RT
1	Ethanol	1181	1.072
2	n-Propanol	2702	1.759
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11002

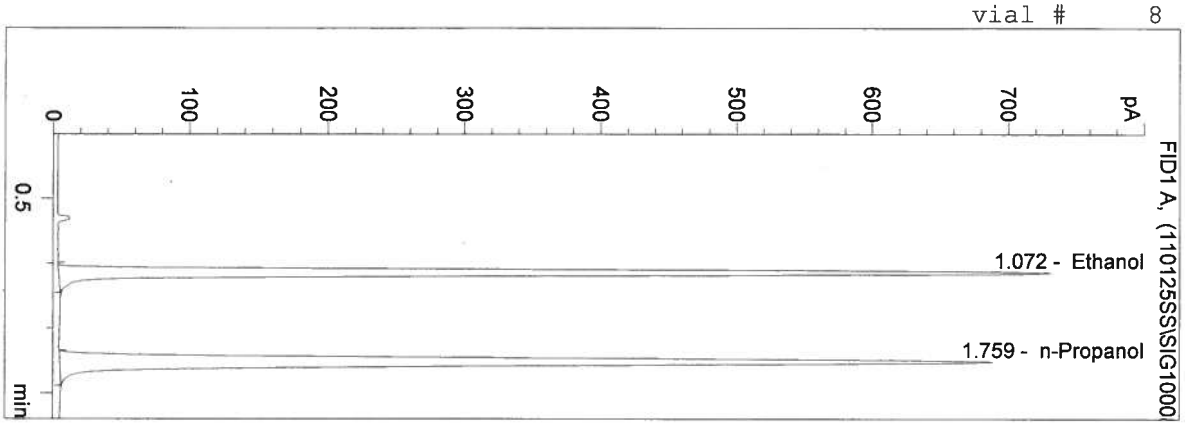
SNS

WASHINGTON STATE TOXICOLOGY LABORATORY

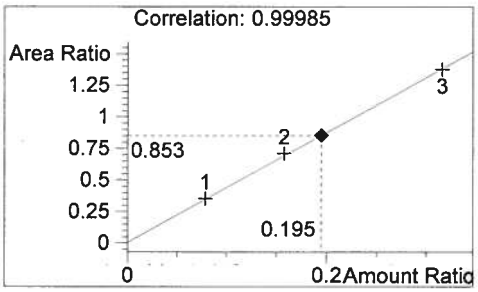
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 1:40:28 PM
Instrument 1
DB-ALC1

0.20 CTRL-SS
Sarah Swenson

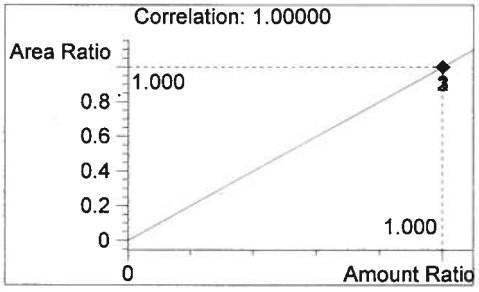
vial # 8



#	Compound	Area	RT
1	Ethanol	2325	1.072
2	n-Propanol	2724	1.759
Tot			



Ethanol 0.195 g/100 mL



n-Propanol 1.000 g/100 mL

11002

SMS

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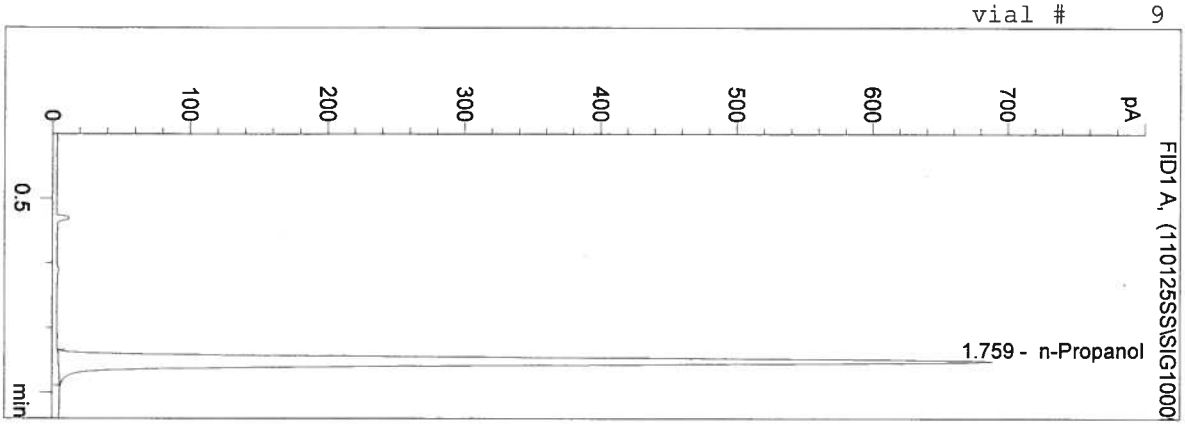
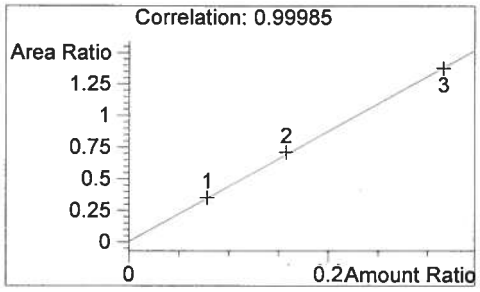
1/25/2011 1:43:33 PM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

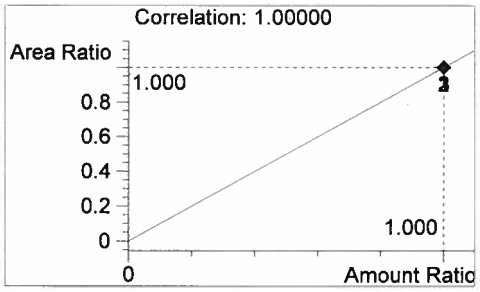
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2733	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

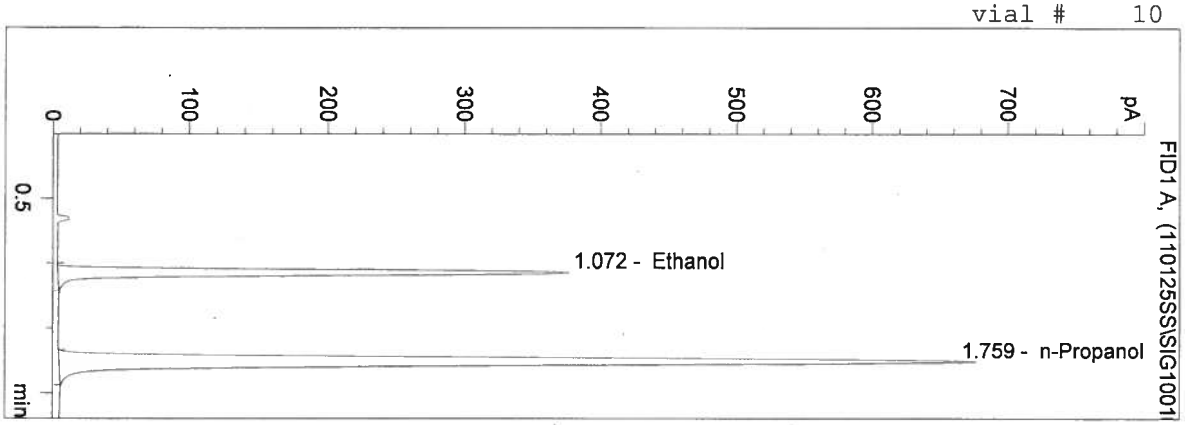
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

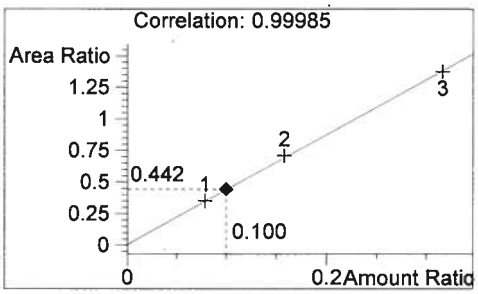
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 1:46:37 PM
Instrument 1
DB-ALC1

11002 #1
Sarah Swenson

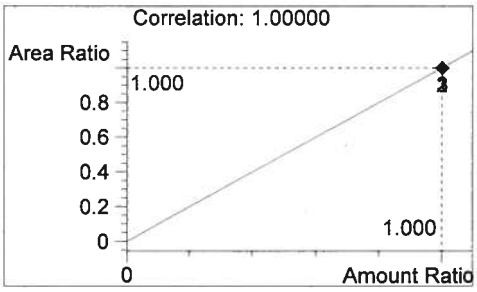
vial # 10



#	Compound	Area	RT
1	Ethanol	1187	1.072
2	n-Propanol	2684	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

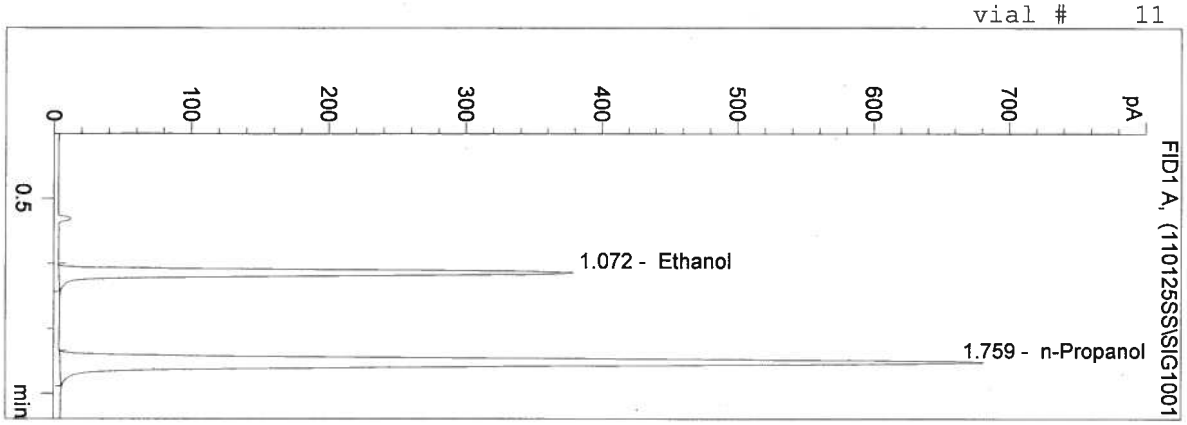
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

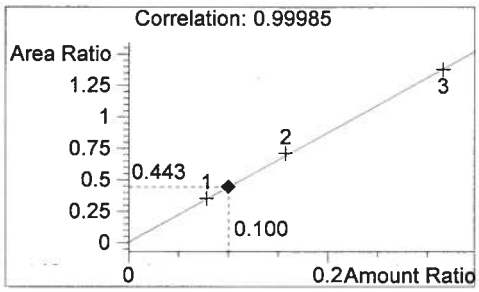
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 1:49:42 PM
Instrument 1
DB-ALC1

11002 #2
Sarah Swenson

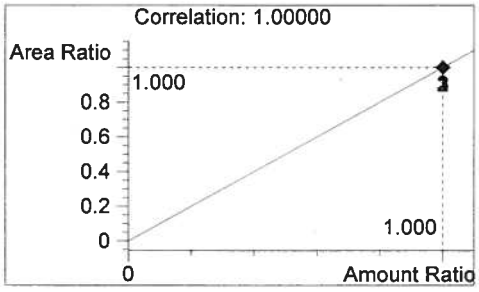
vial # 11



#	Compound	Area	RT
1	Ethanol	1201	1.072
2	n-Propanol	2708	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

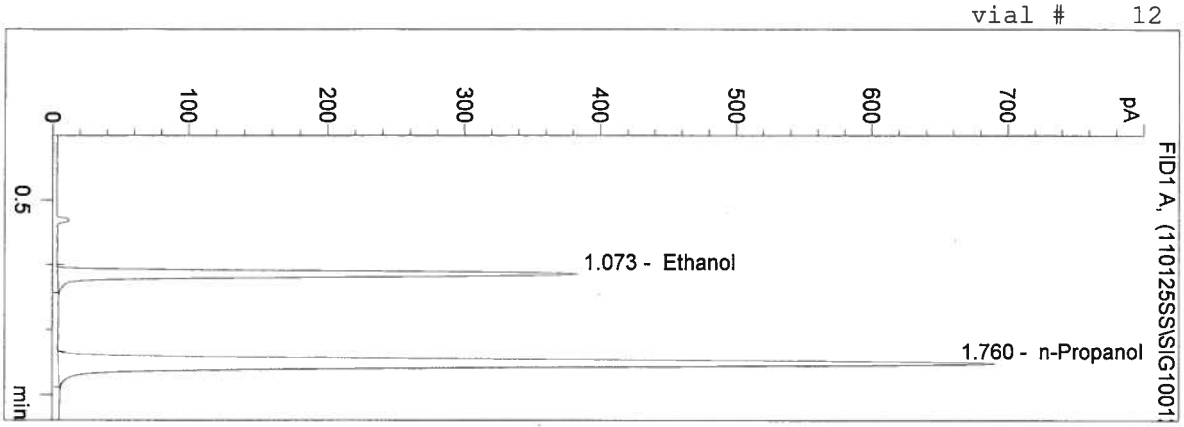
95

WASHINGTON STATE TOXICOLOGY LABORATORY

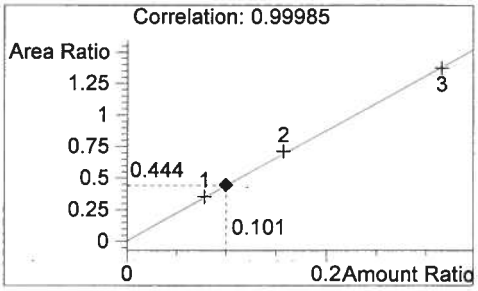
C:\HPCHEM\1\METHODS\SIMALC1.M
1/25/2011 1:52:47 PM
Instrument 1
DB-ALC1

11002 #3
Sarah Swenson

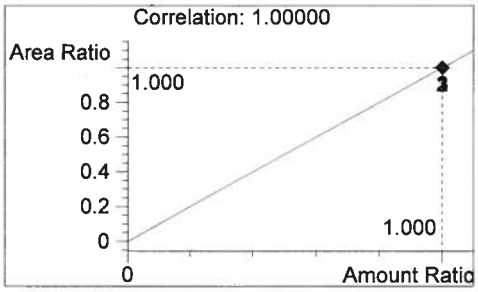
vial # 12



#	Compound	Area	RT
1	Ethanol	1222	1.073
2	n-Propanol	2752	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

SK

WASHINGTON STATE TOXICOLOGY LABORATORY

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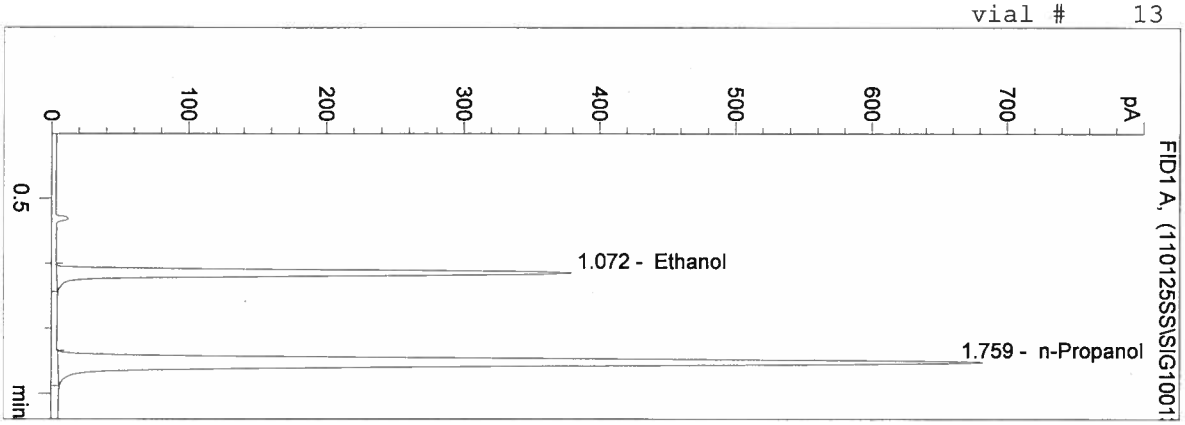
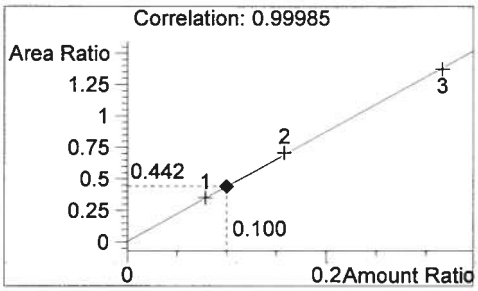
Instrument 1
DB-ALC1

11002 #4
Sarah Swenson

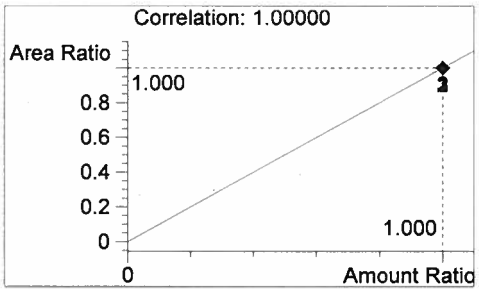
vial # 13



#	Compound	Area	RT
1	Ethanol	1196	1.072
2	n-Propanol	2705	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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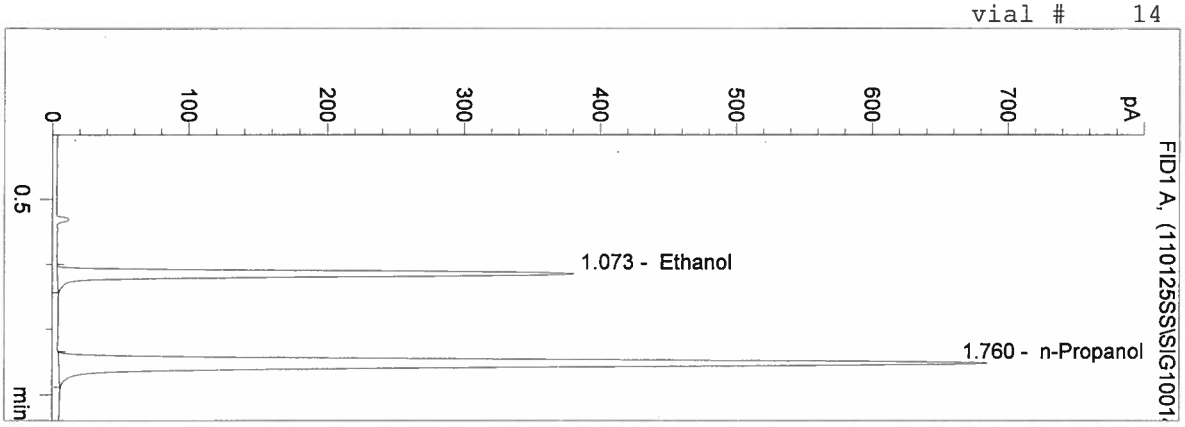
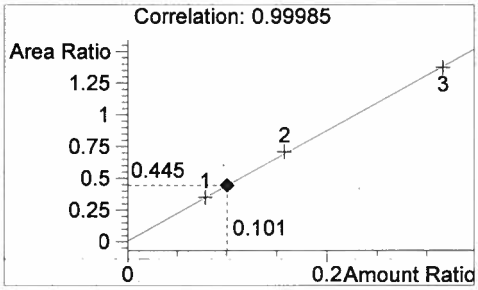
1/25/2011 1:58:57 PM
Instrument 1
DB-ALC1

11002 #5
Sarah Swenson

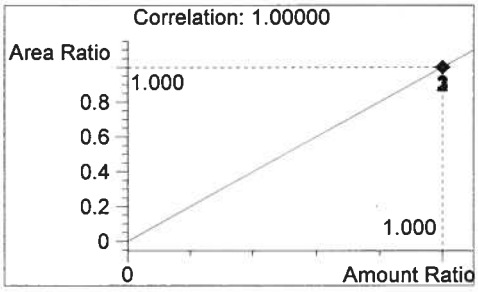
vial # 14



#	Compound	Area	RT
1	Ethanol	1211	1.073
2	n-Propanol	2722	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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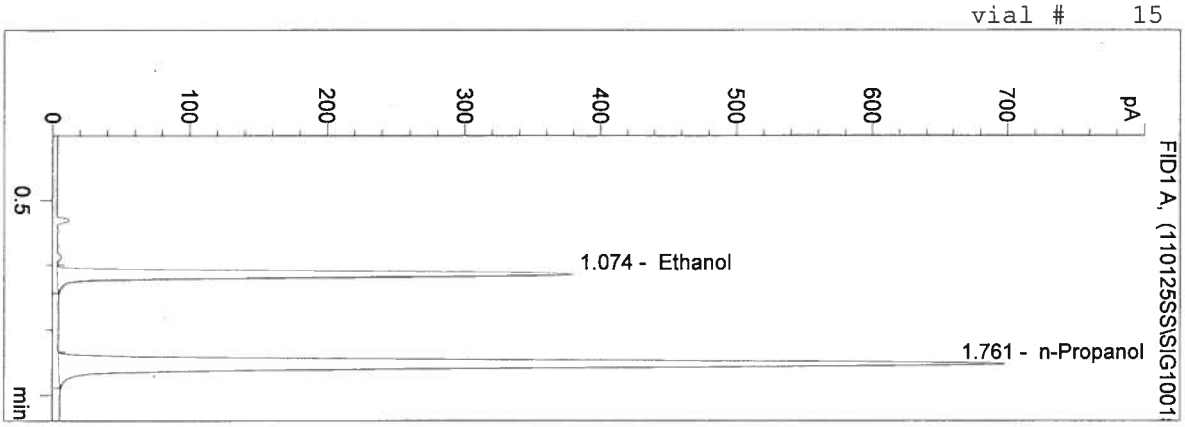
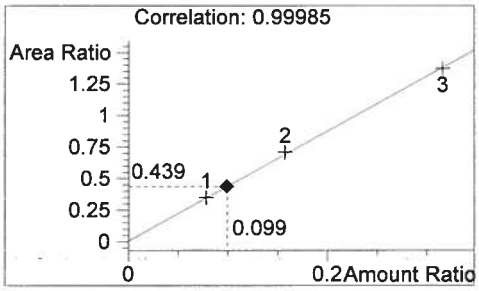
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

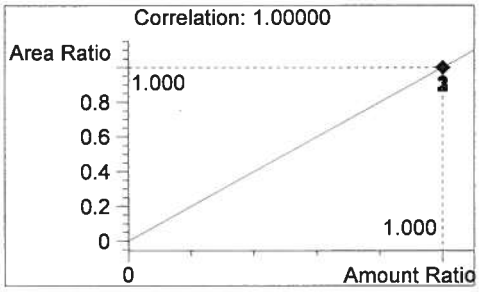
vial # 15



#	Compound	Area	RT
1	Ethanol	1224	1.074
2	n-Propanol	2788	1.761
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11002

SJS

WASHINGTON STATE TOXICOLOGY LABORATORY

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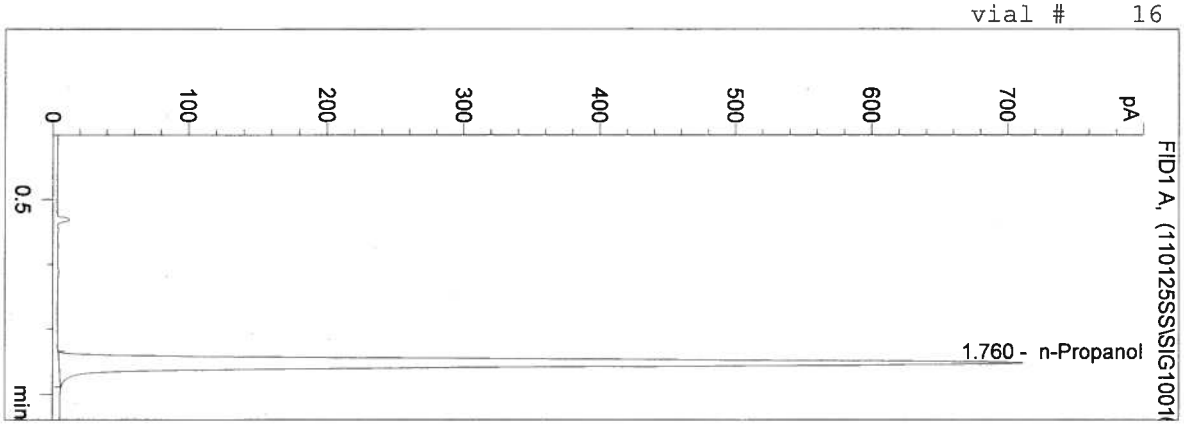
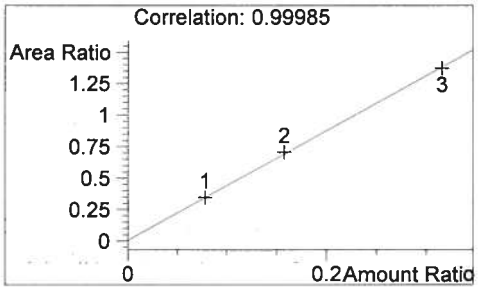
1/25/2011 2:05:06 PM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

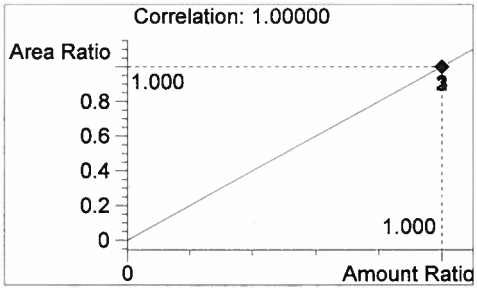
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2836	1.760
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

JS

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0014
Signal 2 Prefix:	SIG2
Counter:	0014
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110127CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 11002 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 11002 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 11002 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 11002 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 11002 #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		

11002

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

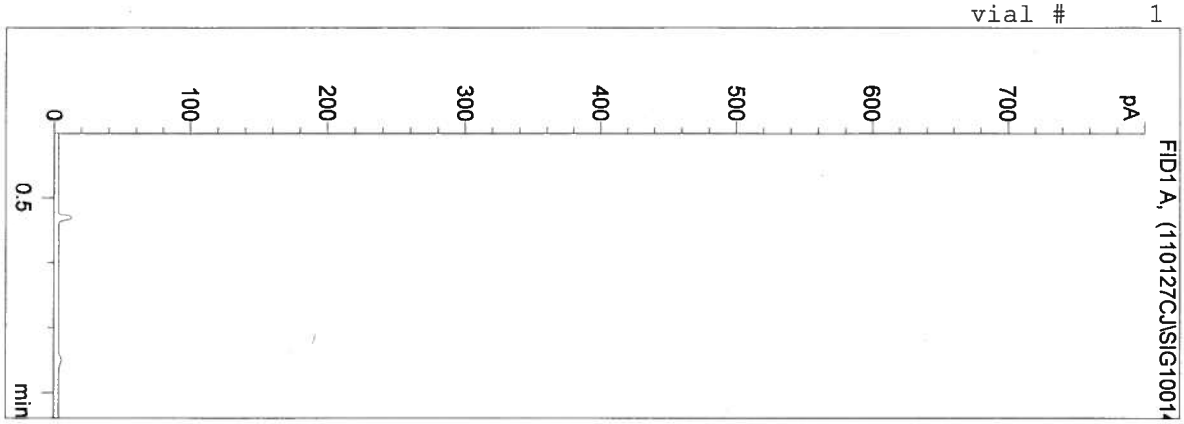
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

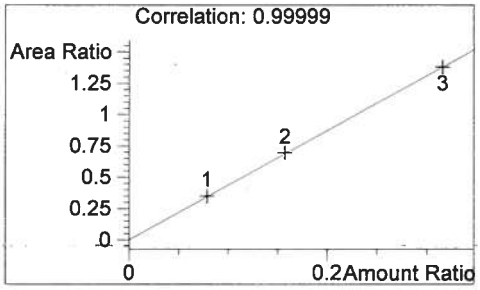
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 1:20:23 PM
Instrument 1
DB-ALC1

BLANK-CJ
Chris Johnston

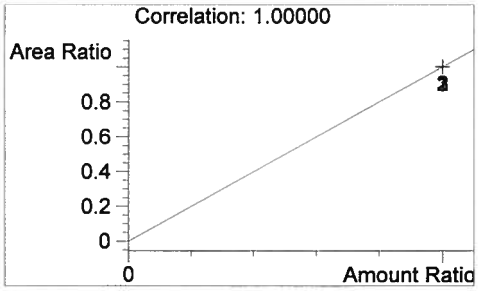
vial # 1



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



Ethanol 0.000 g/100 mL



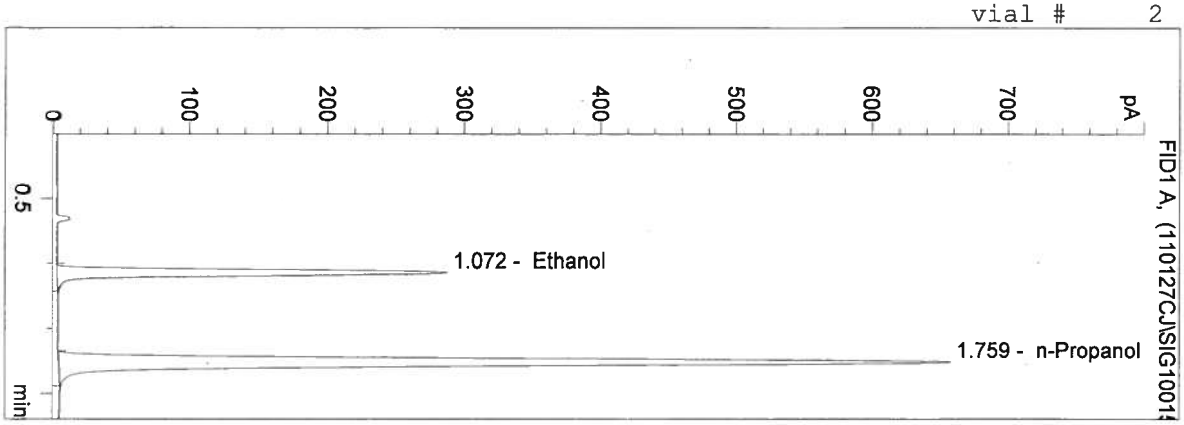
n-Propanol 0.000 g/100 mL

11002

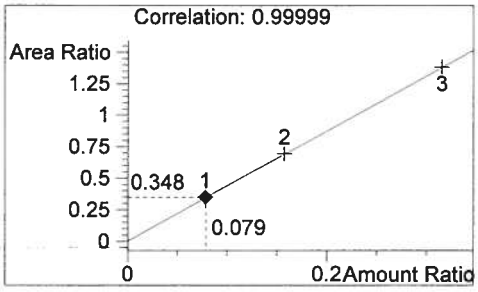
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 1:23:28 PM
Instrument 1
DB-ALC1

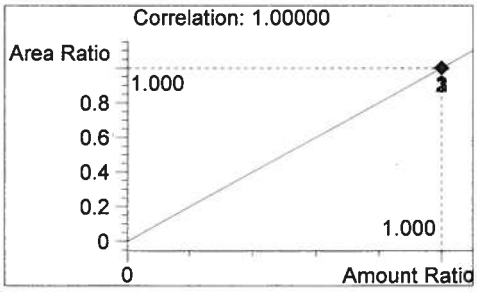
0.079 CAL 1
Chris Johnston
vial # 2



#	Compound	Area	RT
1	Ethanol	909	1.072
2	n-Propanol	2613	1.759
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

110v2

WASHINGTON STATE TOXICOLOGY LABORATORY

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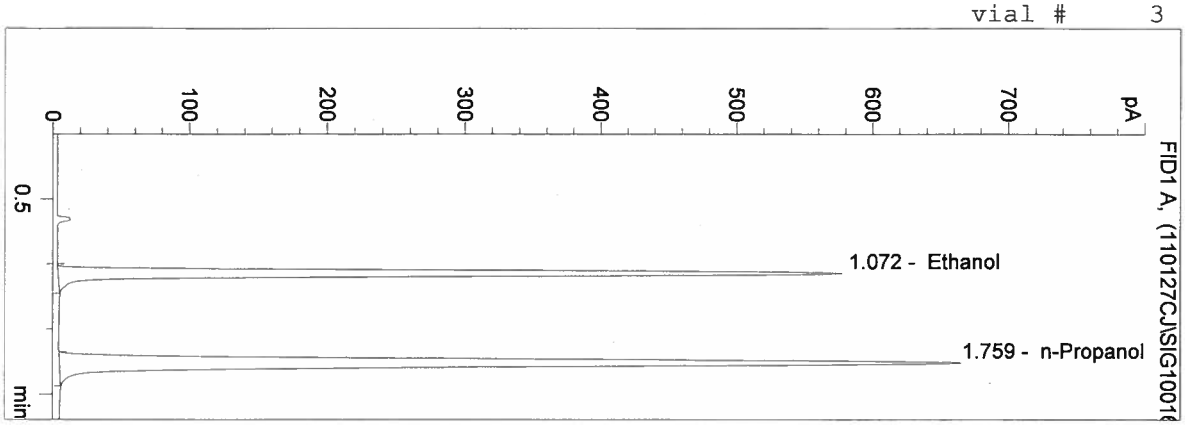
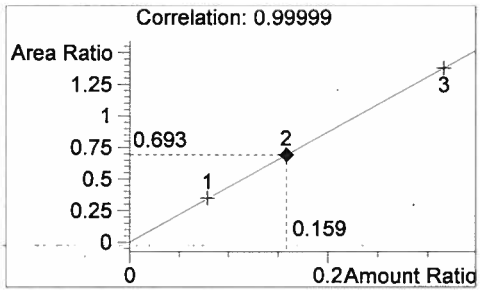
1/27/2011 1:26:33 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Chris Johnston

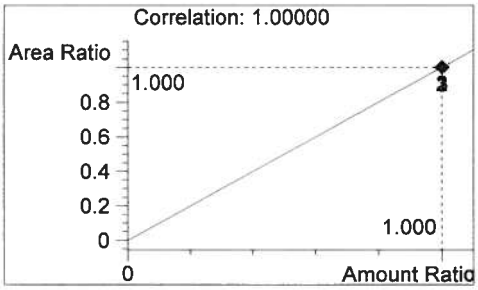
vial # 3



#	Compound	Area	RT
1	Ethanol	1821	1.072
2	n-Propanol	2628	1.759
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11002

WASHINGTON STATE TOXICOLOGY LABORATORY

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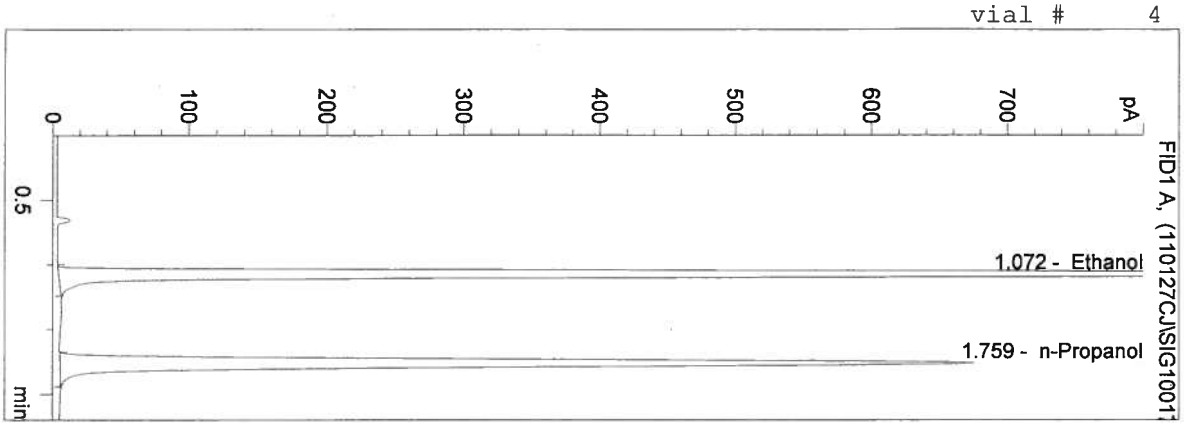
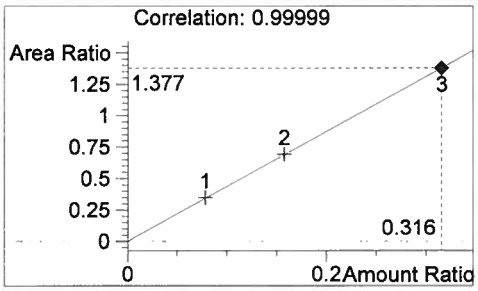
1/27/2011 1:29:38 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Chris Johnston

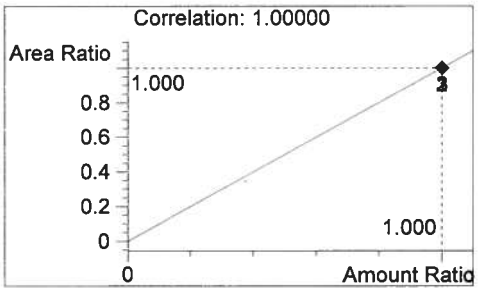
vial # 4



#	Compound	Area	RT
1	Ethanol	3676	1.072
2	n-Propanol	2669	1.759
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11002

WASHINGTON STATE TOXICOLOGY LABORATORY

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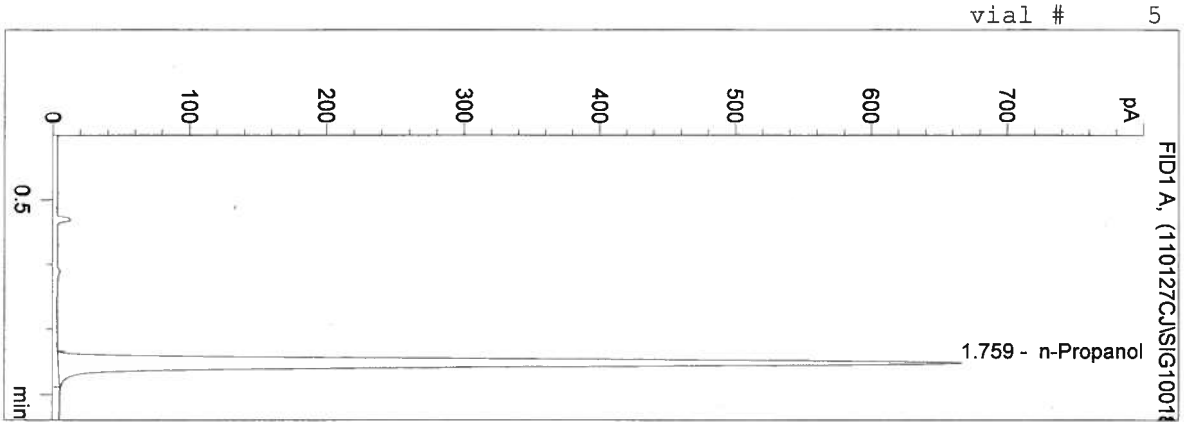
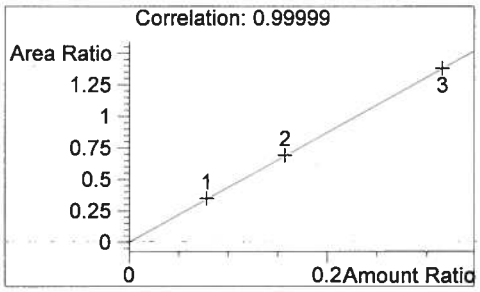
1/27/2011 1:32:43 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

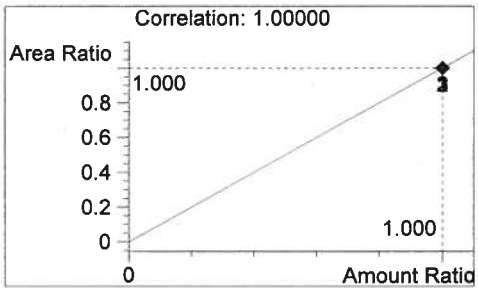
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2639	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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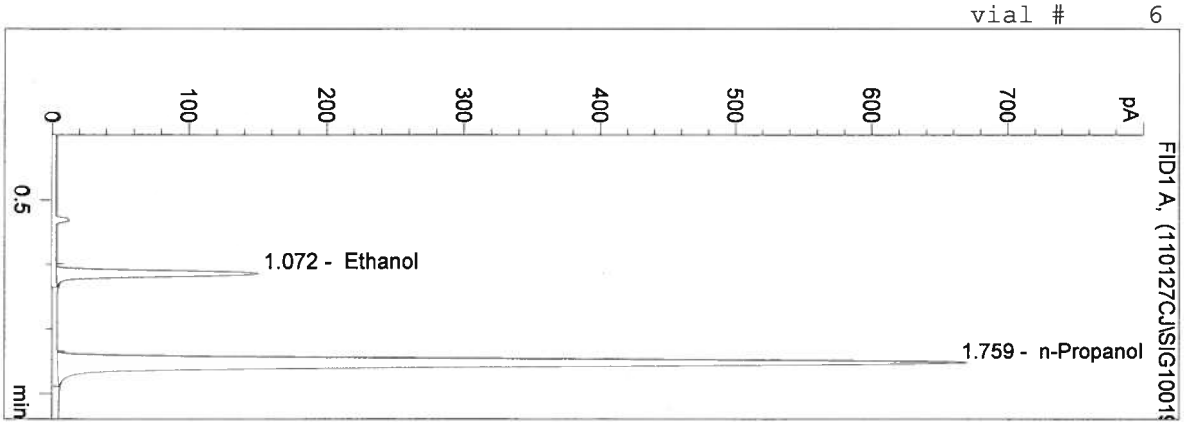
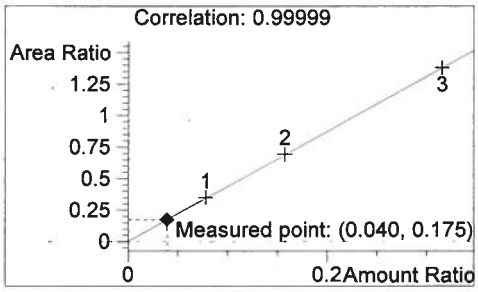
Instrument 1
DB-ALC1

0.04 CTRL-CJ
Chris Johnston

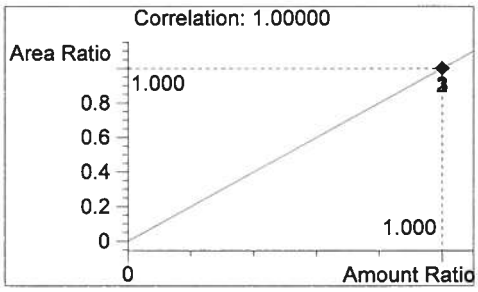
vial # 6



#	Compound	Area	RT
1	Ethanol	463	1.072
2	n-Propanol	2653	1.759
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

11002

WASHINGTON STATE TOXICOLOGY LABORATORY

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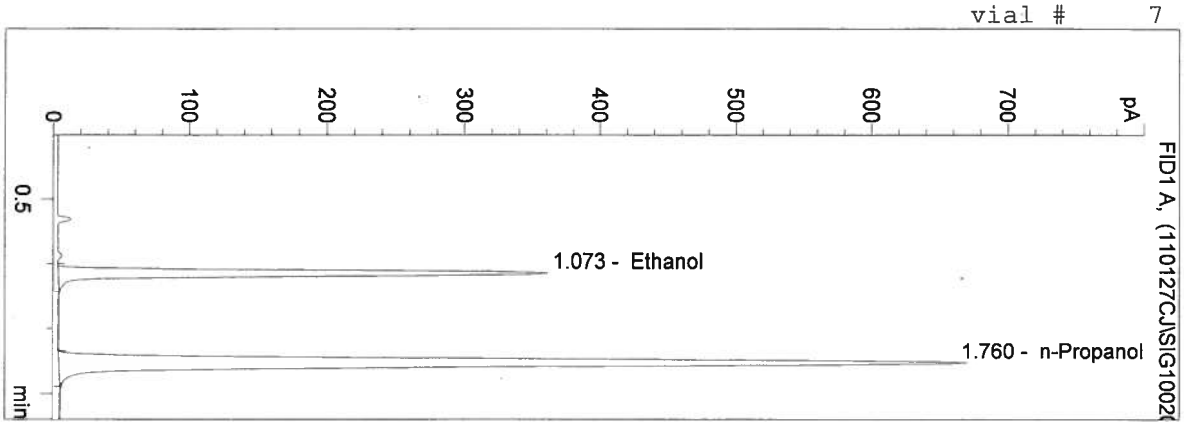
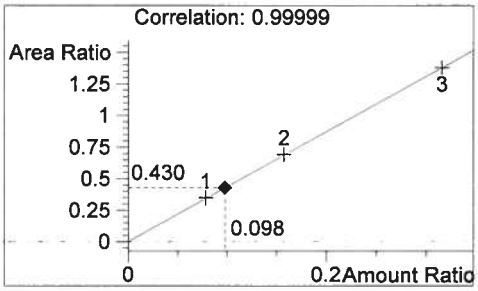
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

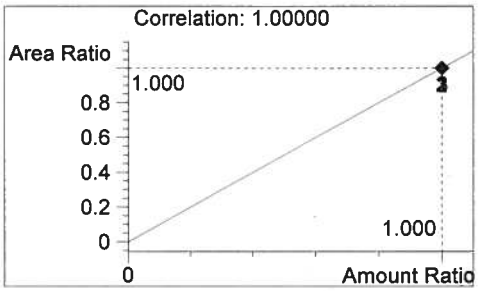
vial # 7



#	Compound	Area	RT
1	Ethanol	1146	1.073
2	n-Propanol	2664	1.760
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

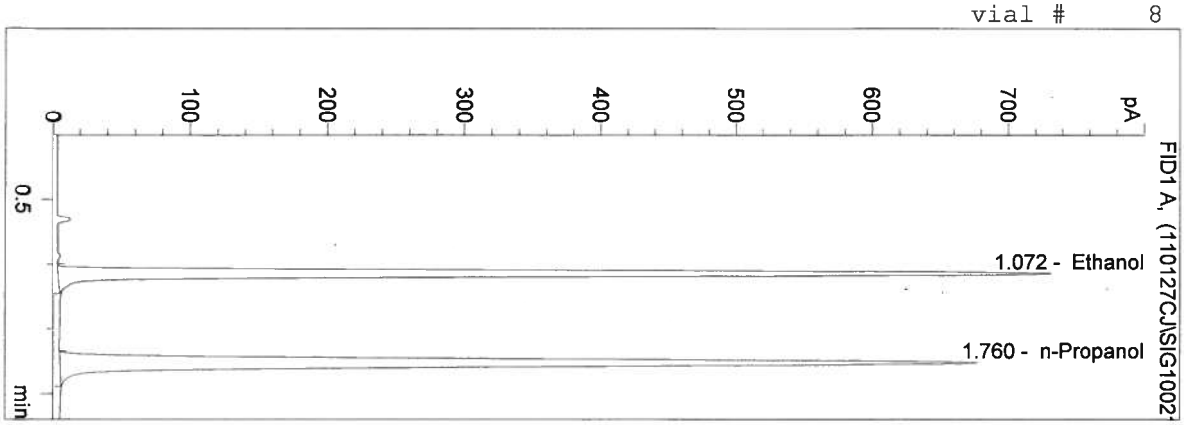
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

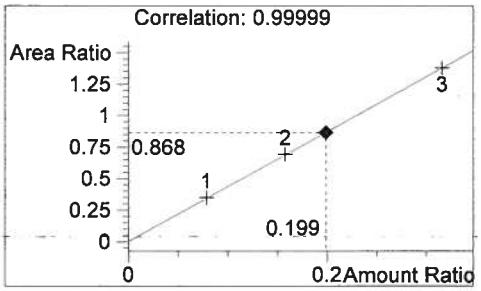
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 1:41:57 PM
Instrument 1
DB-ALC1

0.20 CTRL-CJ
Chris Johnston

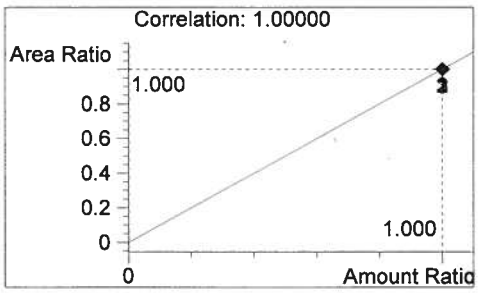
vial # 8



#	Compound	Area	RT
1	Ethanol	2333	1.072
2	n-Propanol	2689	1.760
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

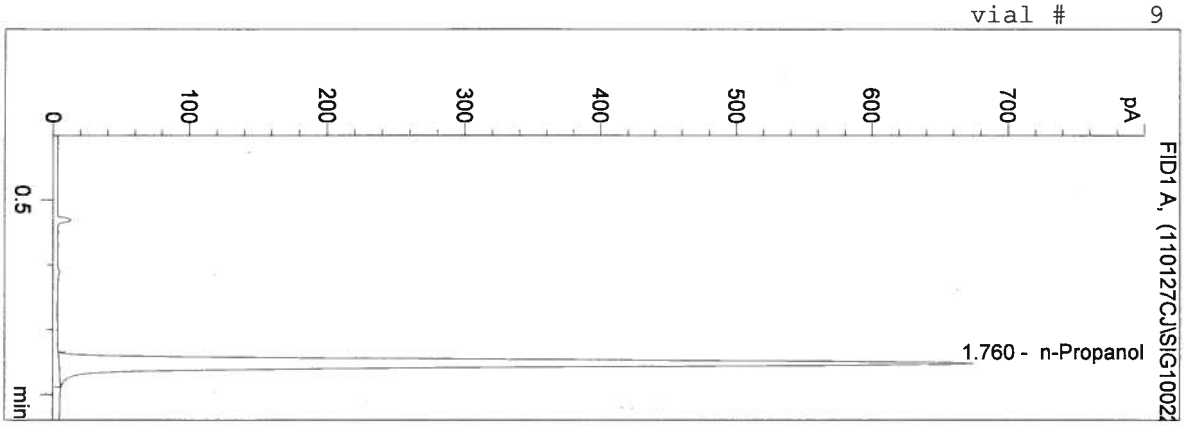
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

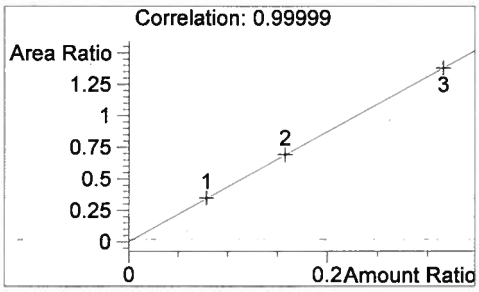
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 1:45:01 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

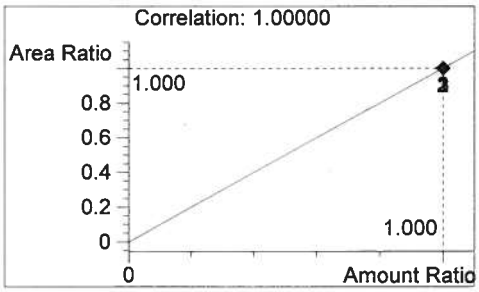
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2666	1.760
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

a/

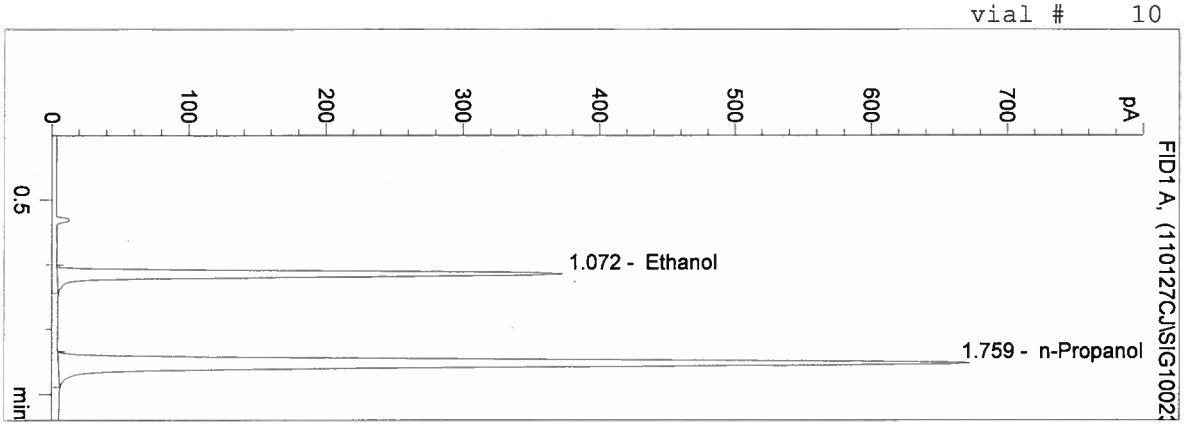
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

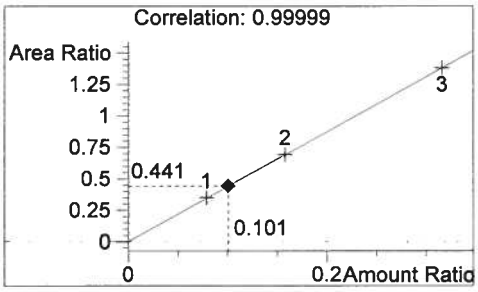
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 1:48:06 PM
Instrument 1
DB-ALC1

ESS 11002 #1
Chris Johnston

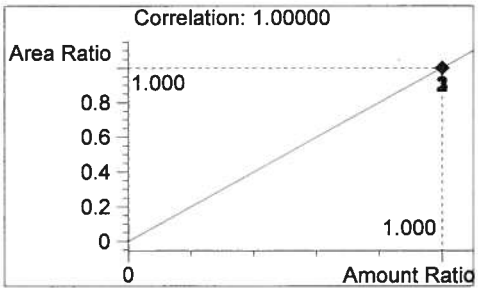
vial # 10



#	Compound	Area	RT
1	Ethanol	1174	1.072
2	n-Propanol	2662	1.759
Tot			



Ethanol 0.101 g/100 mL



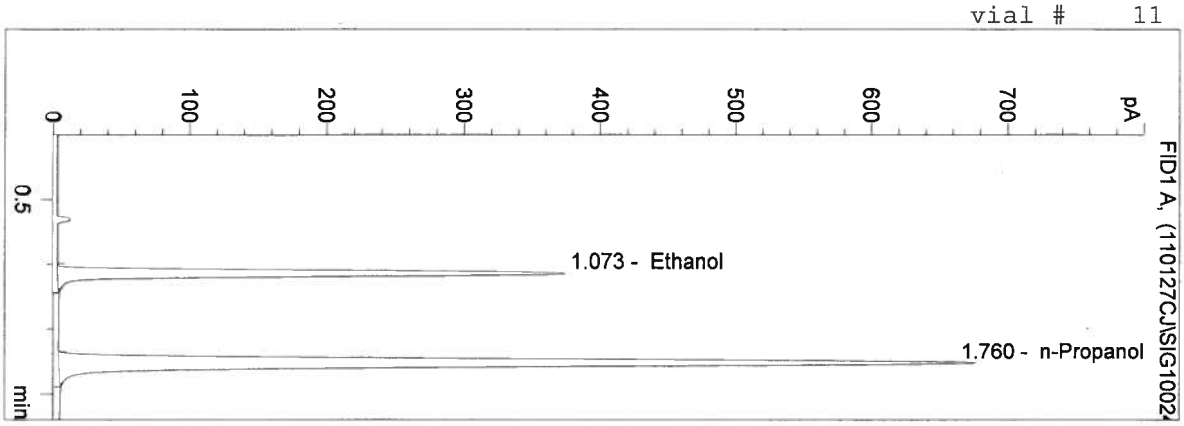
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

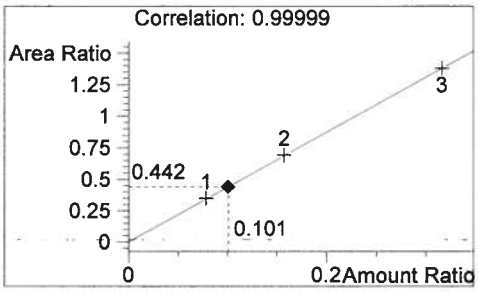
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 1:51:11 PM
Instrument 1
DB-ALC1

ESS 11002 #2
Chris Johnston

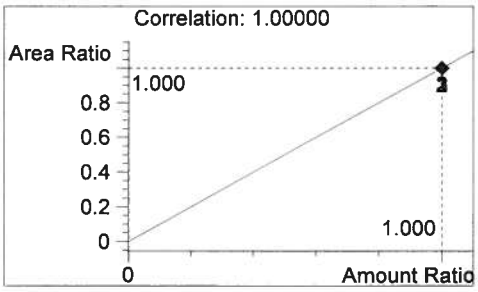
vial # 11



#	Compound	Area	RT
1	Ethanol	1188	1.073
2	n-Propanol	2685	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

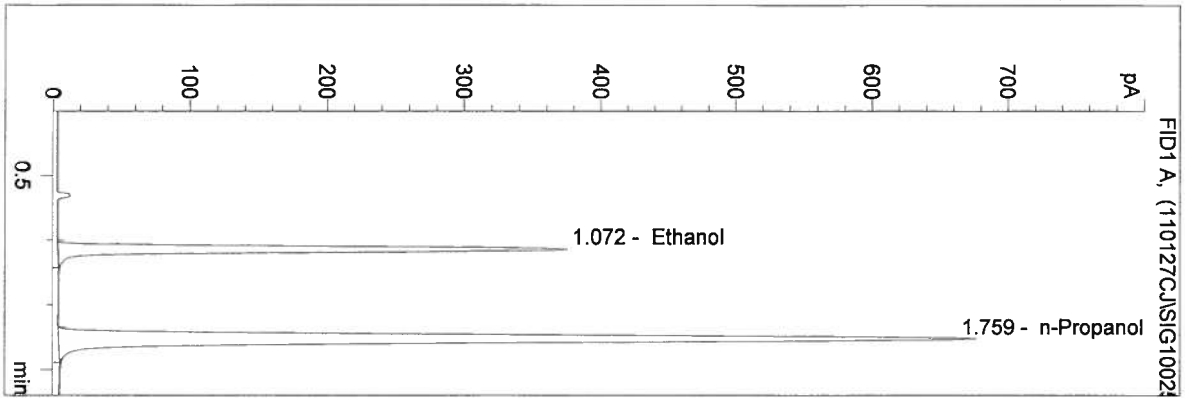
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

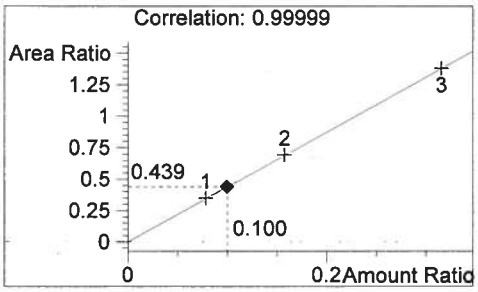
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 1:54:16 PM
Instrument 1
DB-ALC1

ESS 11002 #3
Chris Johnston

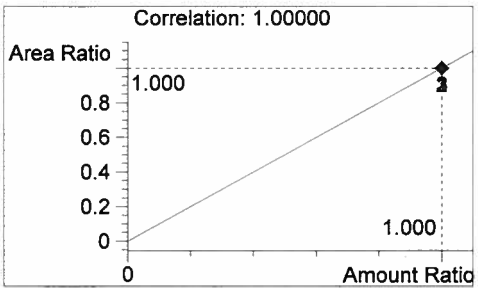
vial # 12



#	Compound	Area	RT
1	Ethanol	1176	1.072
2	n-Propanol	2677	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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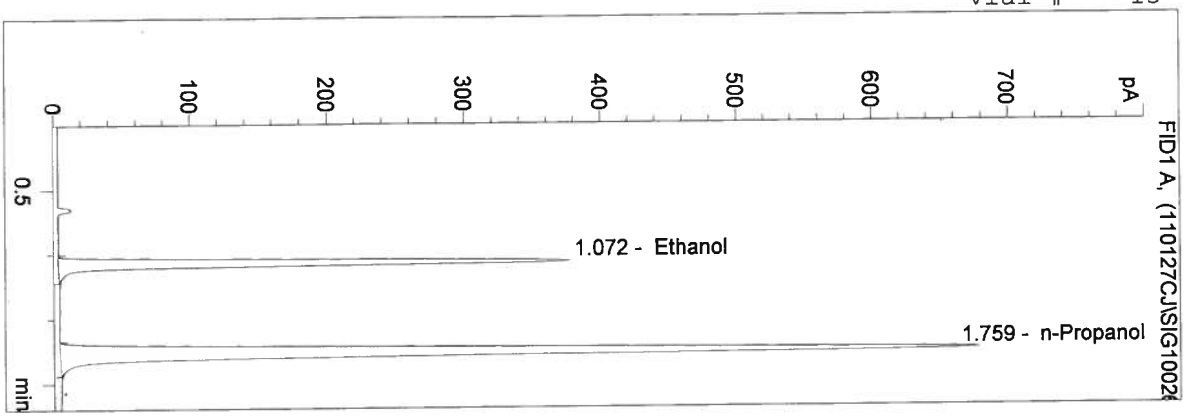
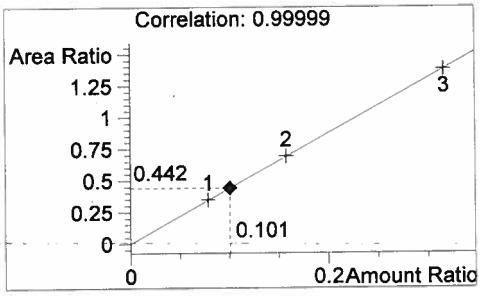
1/27/2011 1:57:20 PM
Instrument 1
DB-ALC1

ESS 11002 #4
Chris Johnston

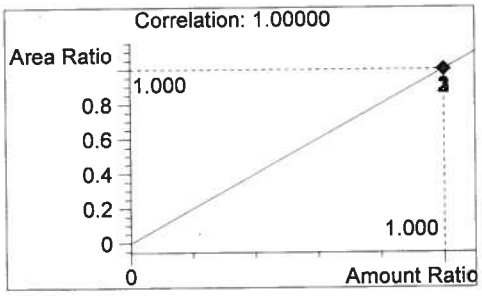
vial # 13



#	Compound	Area	RT
1	Ethanol	1184	1.072
2	n-Propanol	2680	1.759
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

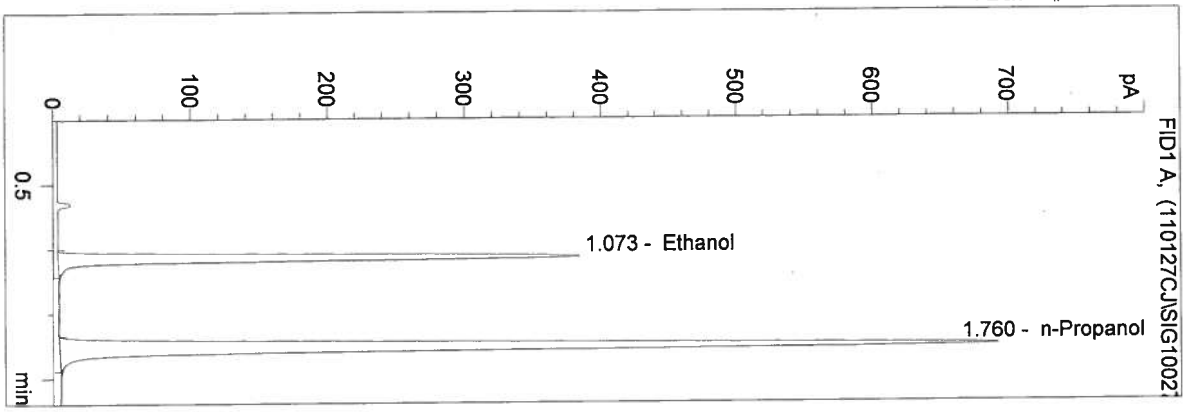
9/

WASHINGTON STATE TOXICOLOGY LABORATORY

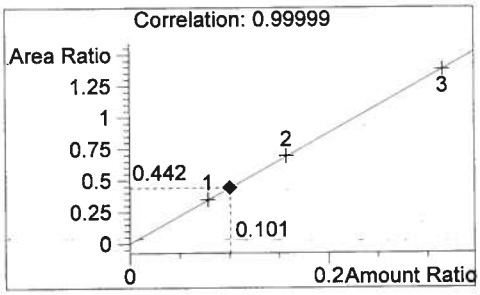
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:00:25 PM
Instrument 1
DB-ALC1

ESS 11002 #5
Chris Johnston

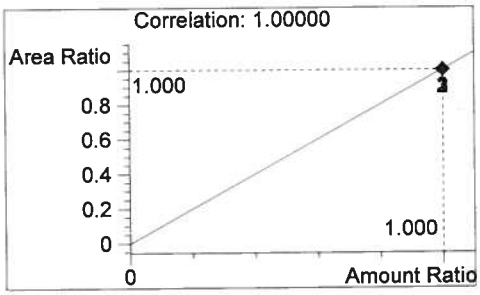
vial # 14



#	Compound	Area	RT
1	Ethanol	1216	1.073
2	n-Propanol	2750	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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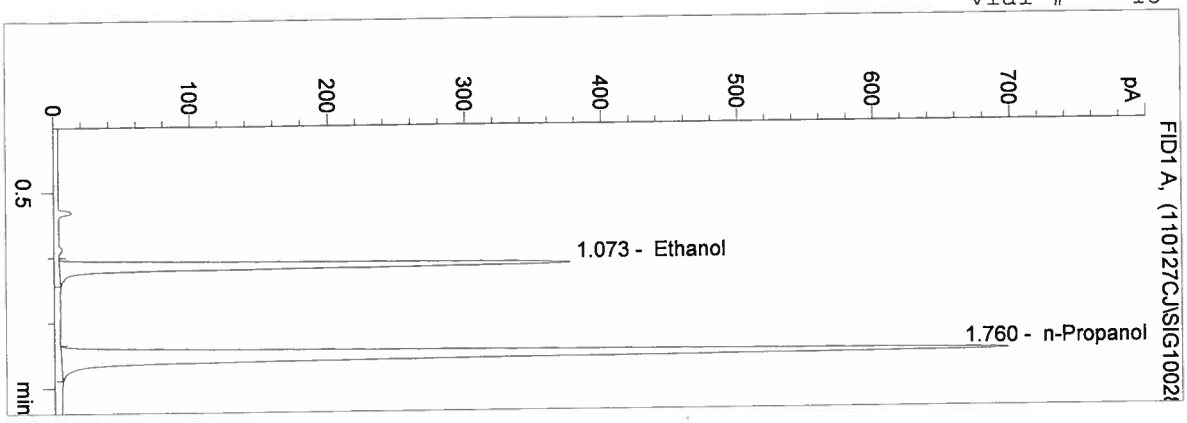
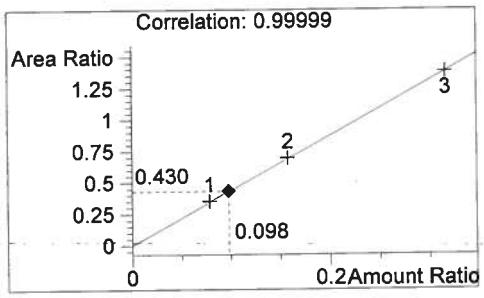
1/27/2011 2:03:30 PM
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

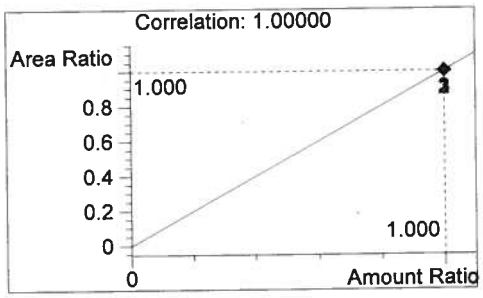
vial # 15



#	Compound	Area	RT
1	Ethanol	1191	1.073
2	n-Propanol	2766	1.760
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

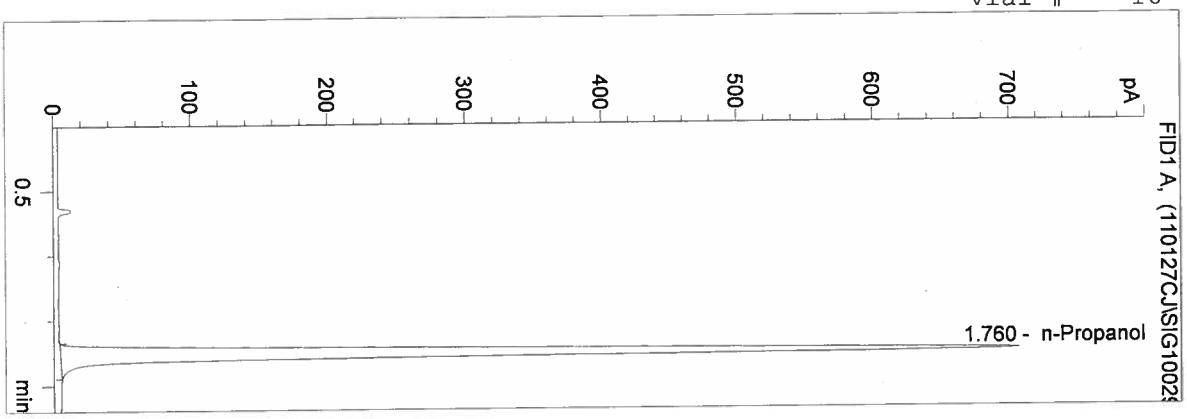
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

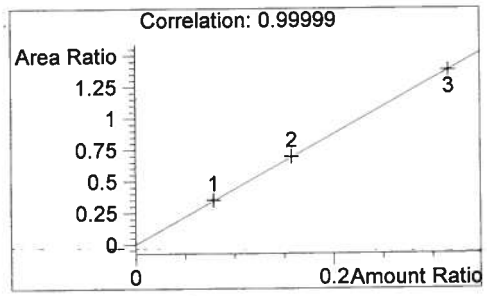
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:06:35 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

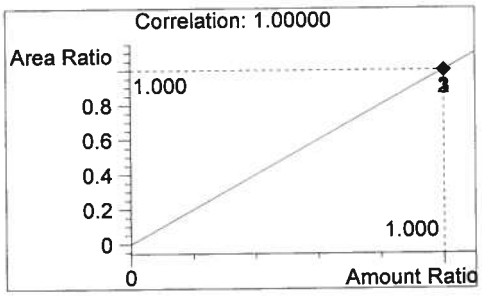
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2806	1.760
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

Sequence Parameters:

Operator:	Amanda Black
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:	110127AB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - AB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - AB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - AB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - AB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - AB	SIMALC1	1	Ctrl Samp		
10	Vial 10	11002 #1	SIMALC1	1	Sample		
11	Vial 11	11002 #2	SIMALC1	1	Sample		
12	Vial 12	11002 #3	SIMALC1	1	Sample		
13	Vial 13	11002 #4	SIMALC1	1	Sample		
14	Vial 14	11002 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - AB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - AB	SIMALC1	1	Ctrl Samp		

11002

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

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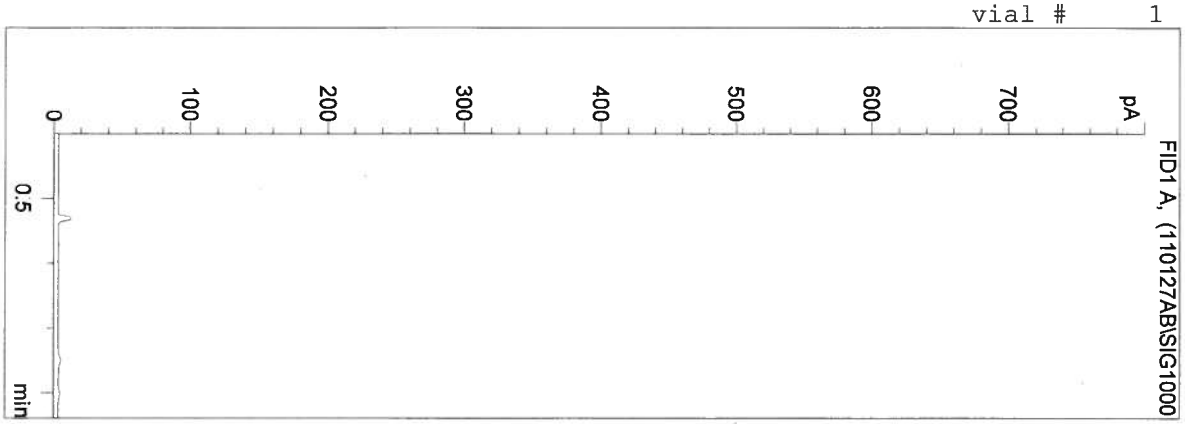
WASHINGTON STATE TOXICOLOGY LABORATORY

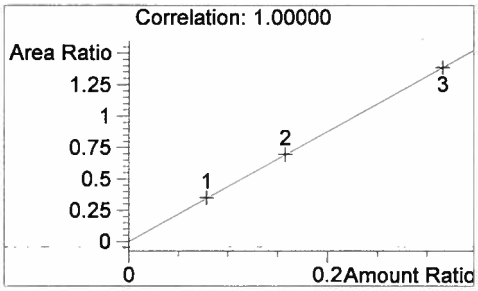
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:38:07 PM
Instrument 1
DB-ALC1

BLANK
Amanda Black

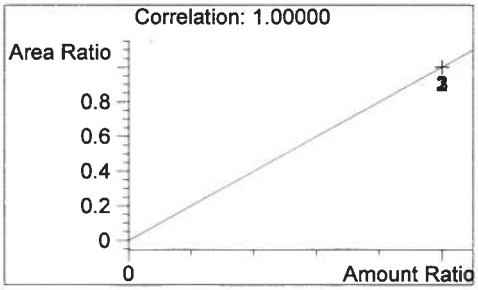
vial # 1



#	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

E11002

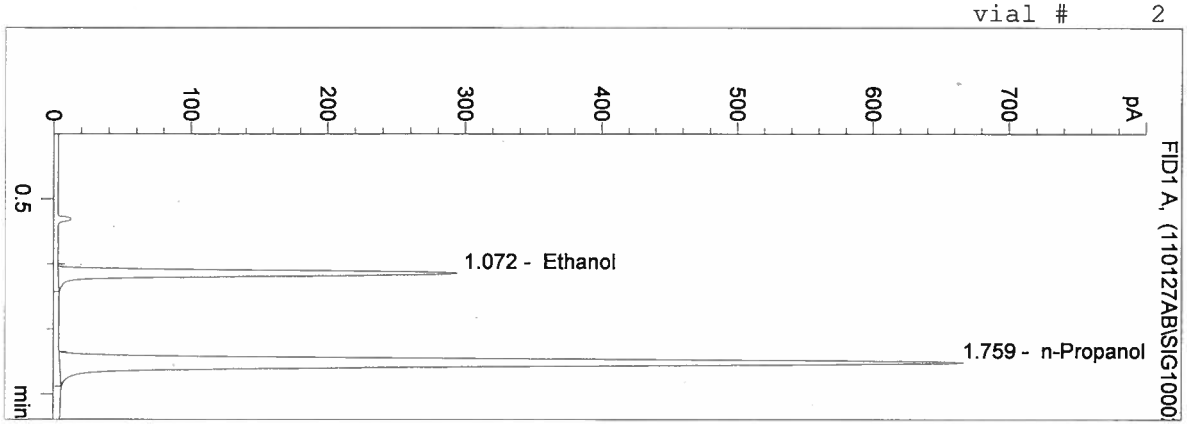
AB

WASHINGTON STATE TOXICOLOGY LABORATORY

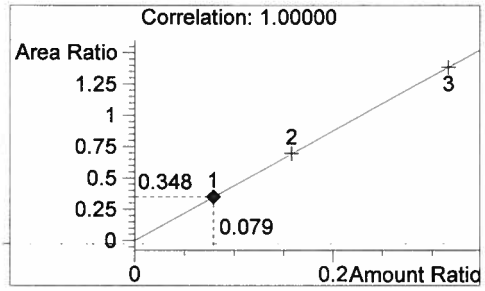
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:41:12 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Amanda Black

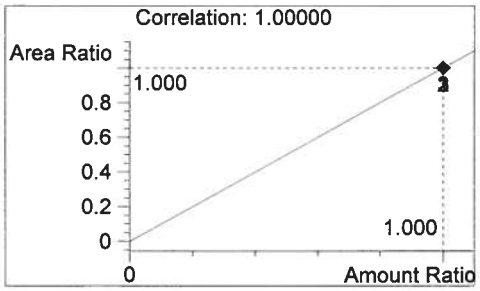
vial # 2



#	Compound	Area	RT
1	Ethanol	917	1.072
2	n-Propanol	2634	1.759
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11002

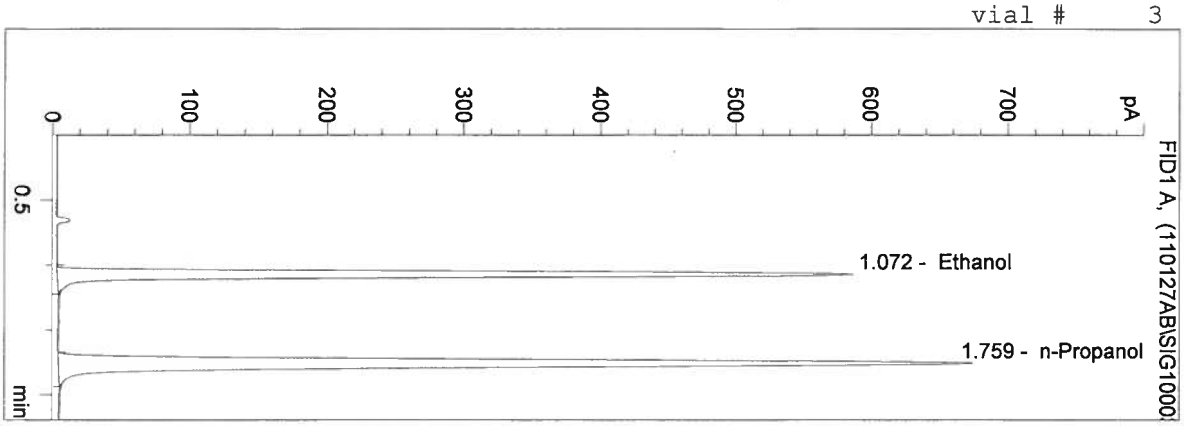
AB

WASHINGTON STATE TOXICOLOGY LABORATORY

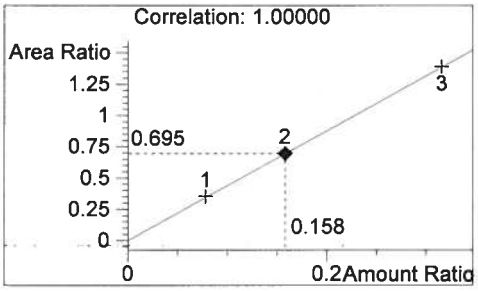
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:44:17 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Amanda Black

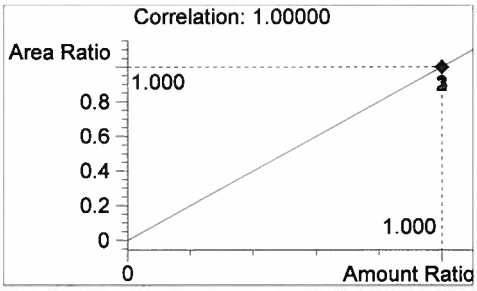
vial # 3



#	Compound	Area	RT
1	Ethanol	1852	1.072
2	n-Propanol	2667	1.759
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

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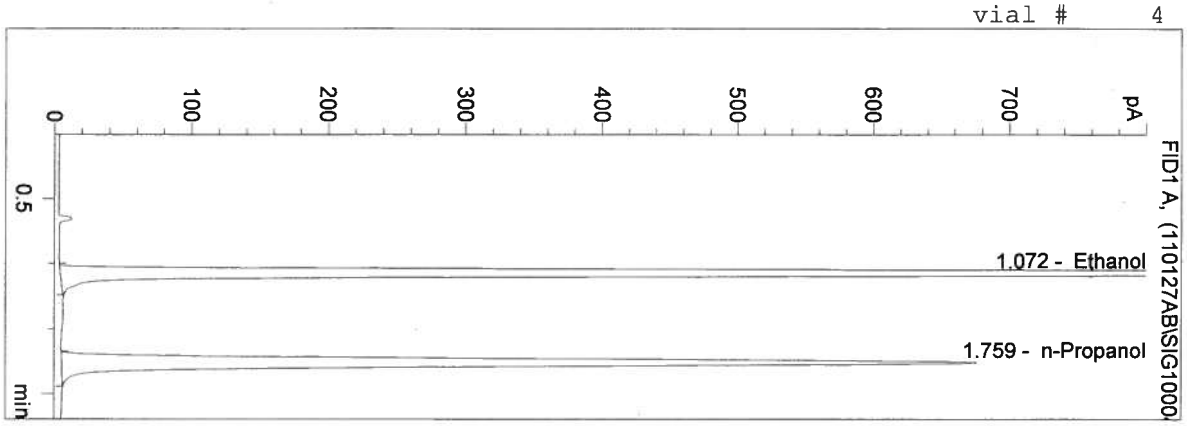
WASHINGTON STATE TOXICOLOGY LABORATORY

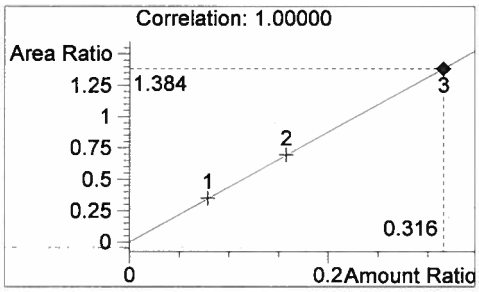
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:47:22 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Amanda Black

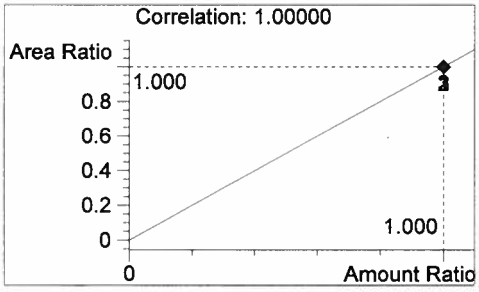
vial # 4



#	Compound	Area	RT
1	Ethanol	3704	1.072
2	n-Propanol	2677	1.759
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

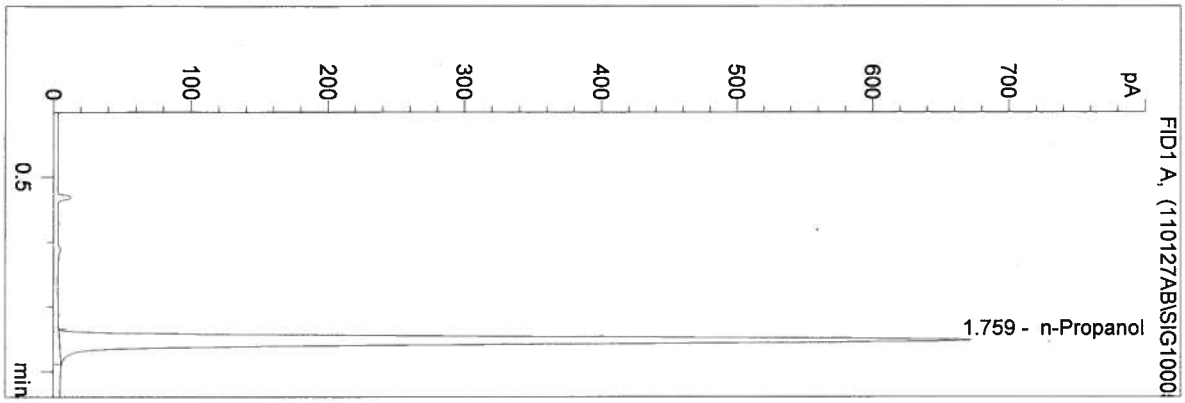
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

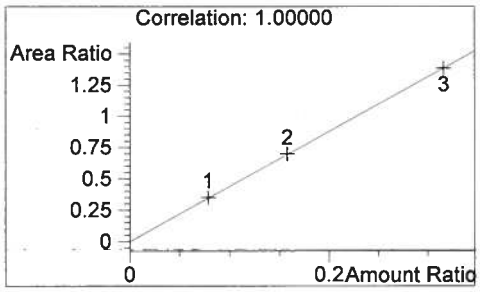
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:50:27 PM
Instrument 1
DB-ALC1

NEG CTRL - AB
Amanda Black

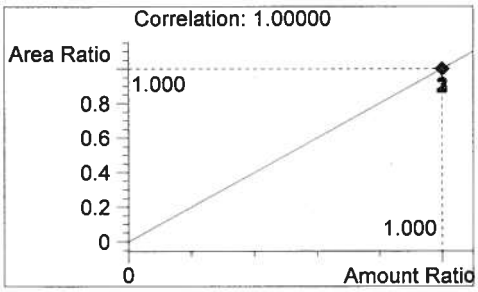
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2657	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

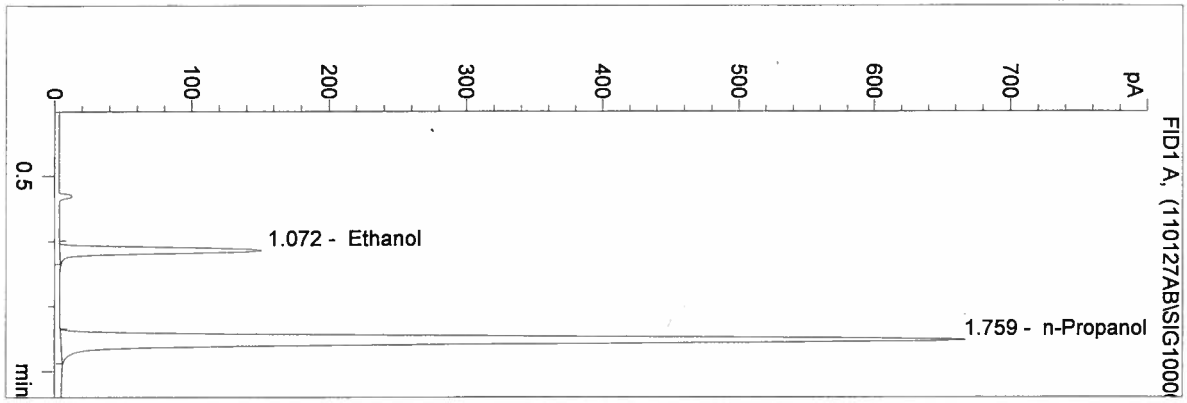
OB

WASHINGTON STATE TOXICOLOGY LABORATORY

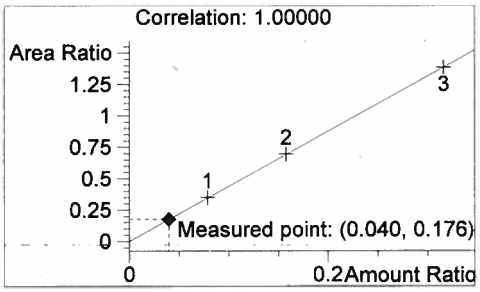
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:53:31 PM
Instrument 1
DB-ALC1

0.04 CTRL - AB
Amanda Black

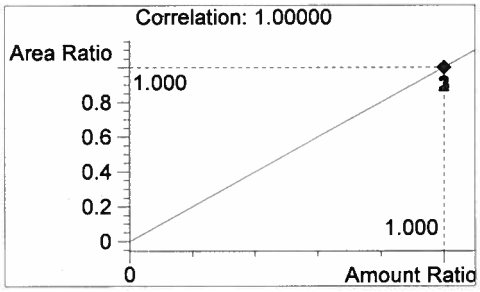
vial # 6



#	Compound	Area	RT
1	Ethanol	463	1.072
2	n-Propanol	2637	1.759
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

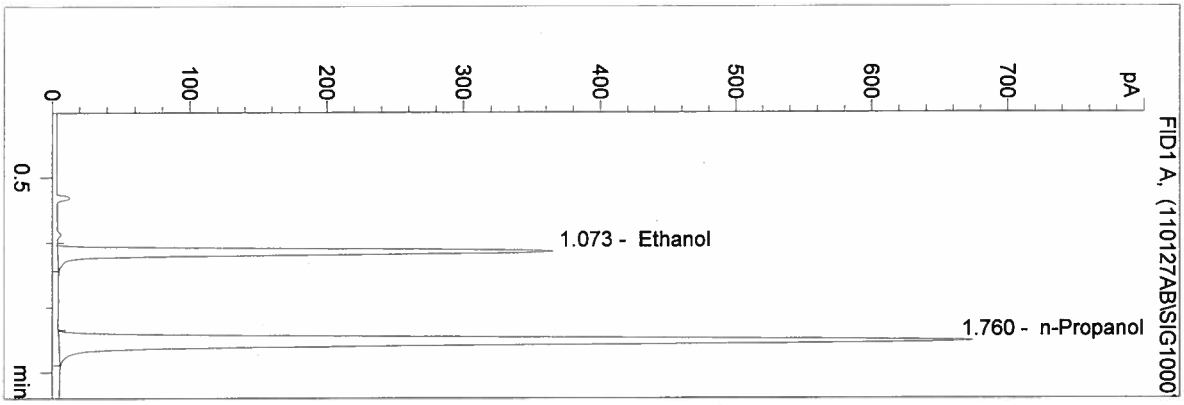
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

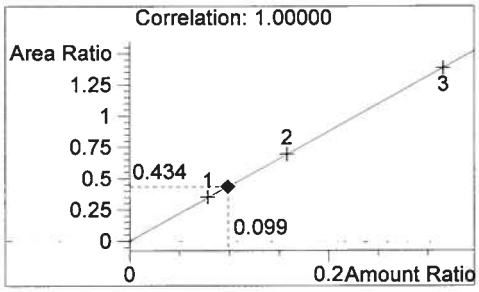
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:56:36 PM
Instrument 1
DB-ALC1

0.10 CTRL - AB
Amanda Black

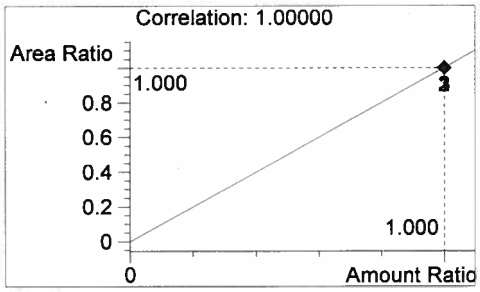
vial # 7



#	Compound	Area	RT
1	Ethanol	1157	1.073
2	n-Propanol	2668	1.760
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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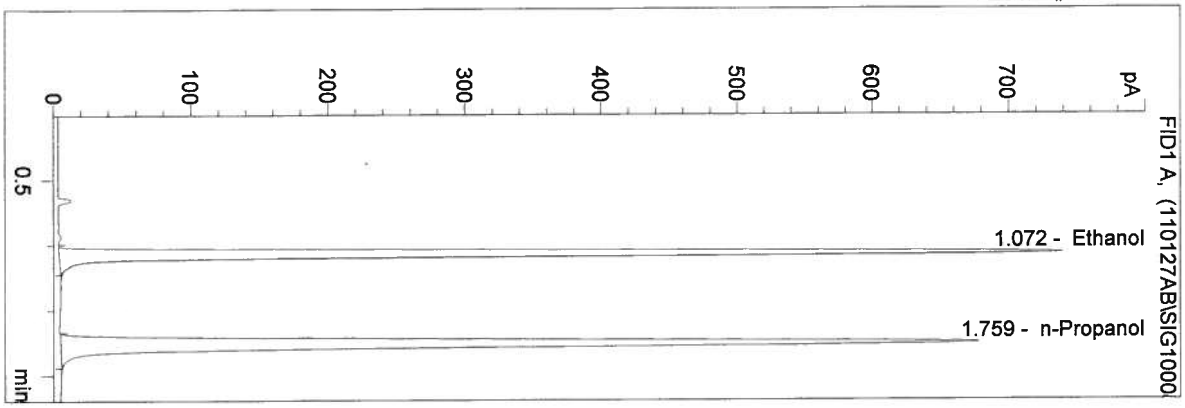
WASHINGTON STATE TOXICOLOGY LABORATORY

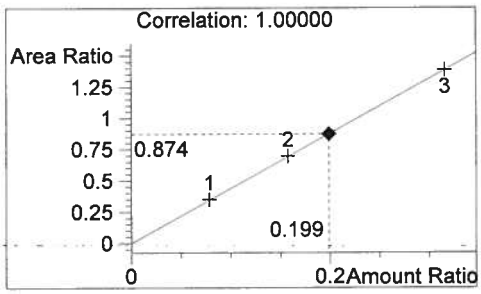
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 2:59:41 PM
Instrument 1
DB-ALC1

0.20 CTRL - AB
Amanda Black

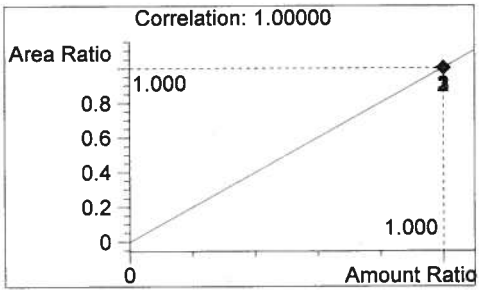
vial # 8



#	Compound	Area	RT
1	Ethanol	2334	1.072
2	n-Propanol	2672	1.759
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

11002

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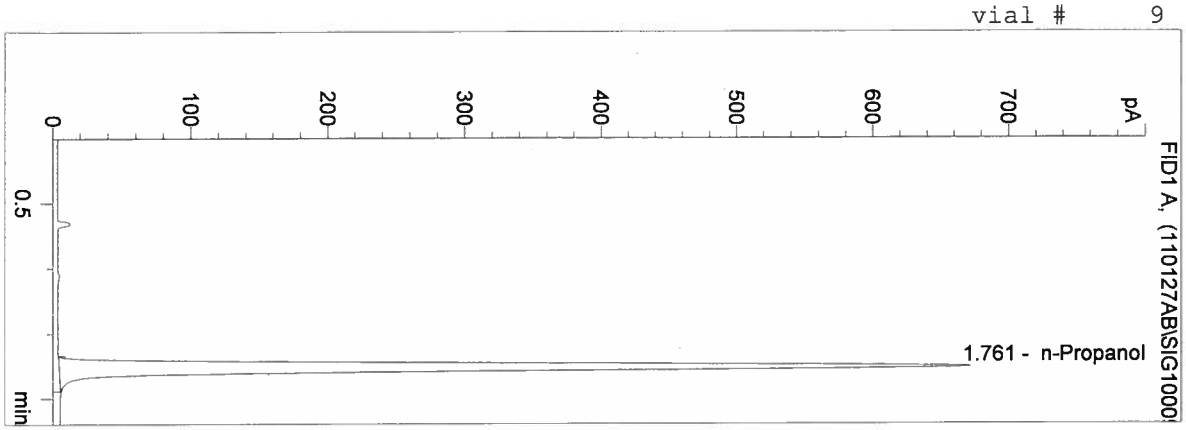
WASHINGTON STATE TOXICOLOGY LABORATORY

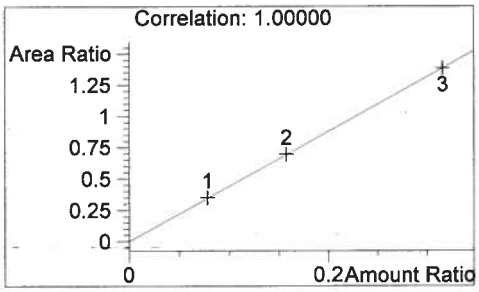
C:\HPCHEM\1\METHODS\SIMALC1.M
1/27/2011 3:02:46 PM
Instrument 1
DB-ALC1

NEG CTRL - AB
Amanda Black

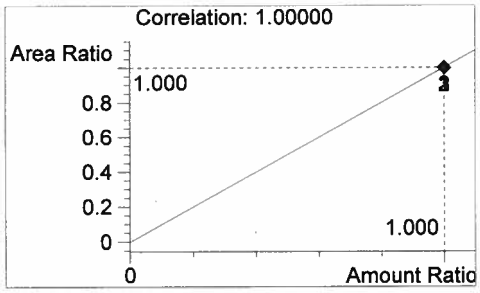
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2663	1.761
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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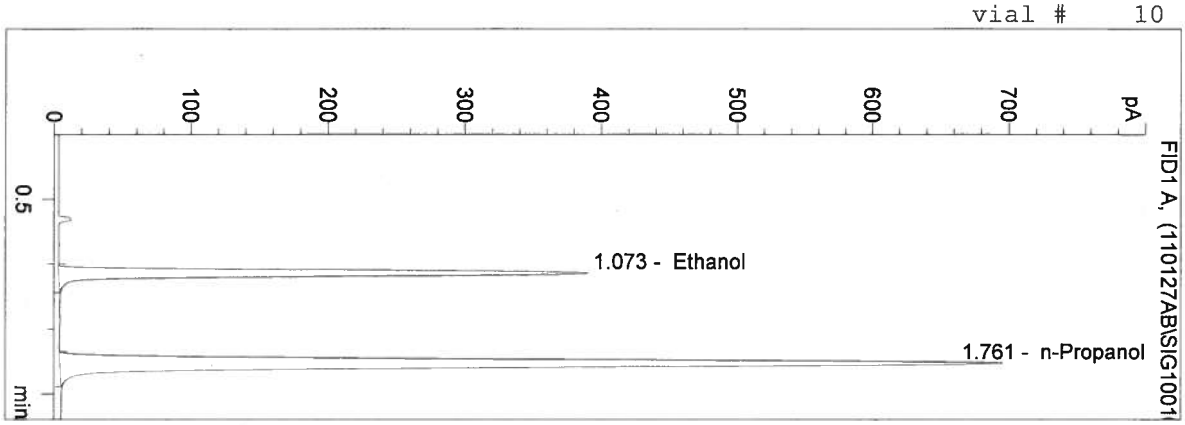
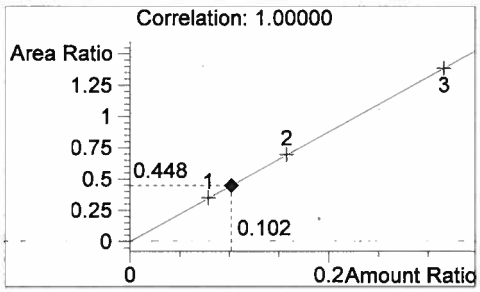
1/27/2011 3:05:50 PM
Instrument 1
DB-ALC1

11002 #1
Amanda Black

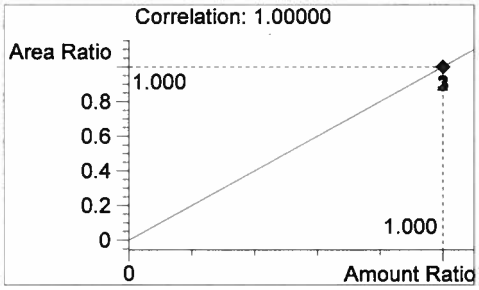
vial # 10



#	Compound	Area	RT
1	Ethanol	1240	1.073
2	n-Propanol	2765	1.761
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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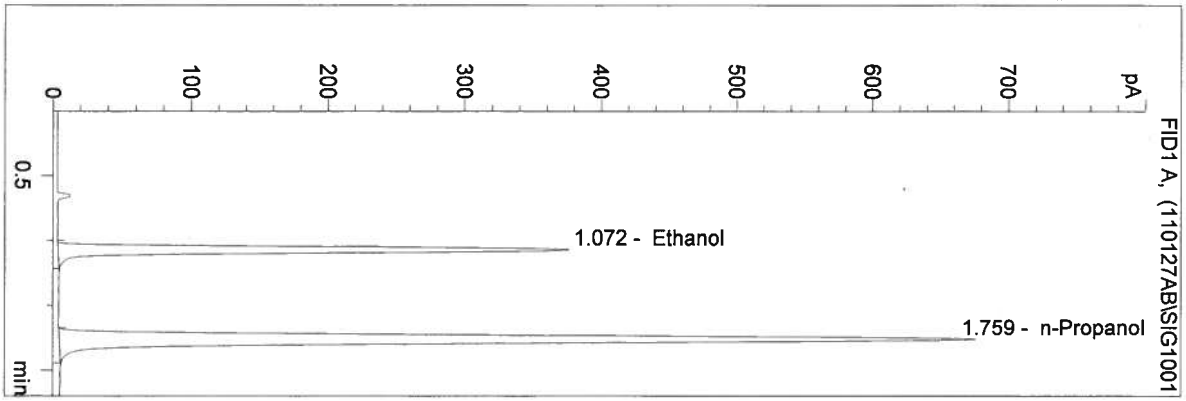
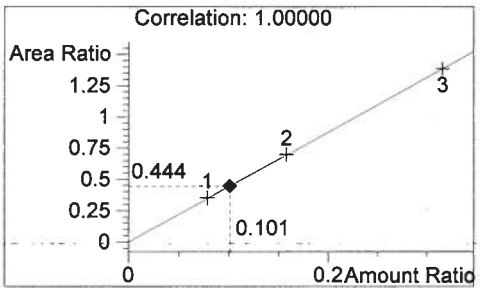
1/27/2011 3:08:55 PM
Instrument 1
DB-ALC1

11002 #2
Amanda Black

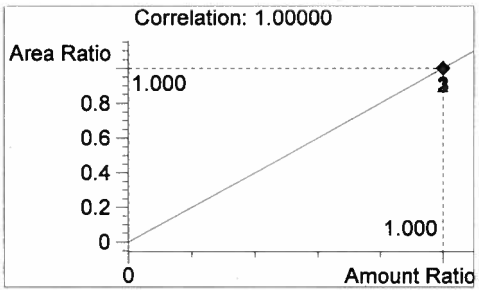
vial # 11



#	Compound	Area	RT
1	Ethanol	1191	1.072
2	n-Propanol	2681	1.759
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

AB

WASHINGTON STATE TOXICOLOGY LABORATORY

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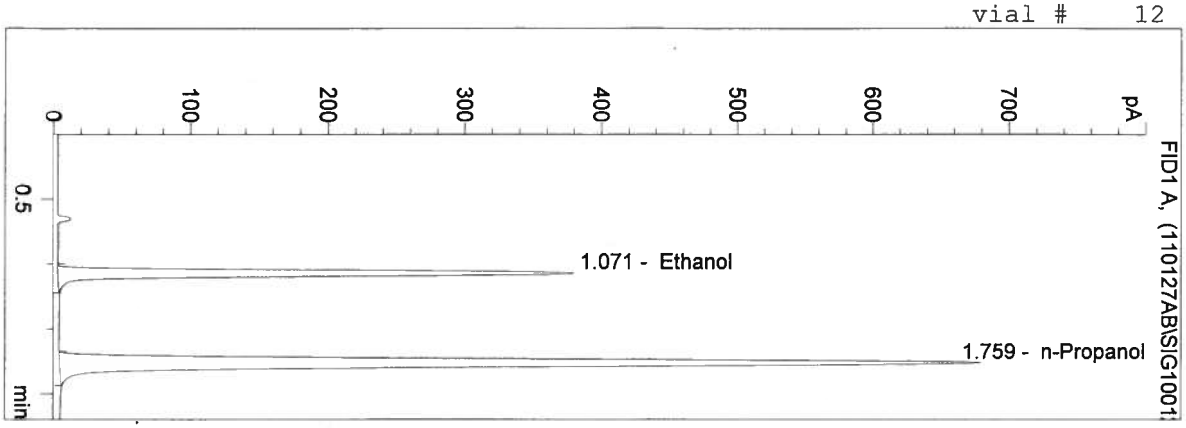
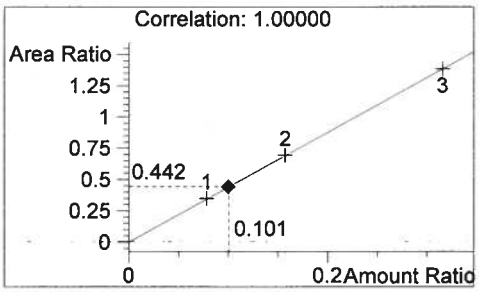
1/27/2011 3:12:00 PM
Instrument 1
DB-ALC1

11002 #3
Amanda Black

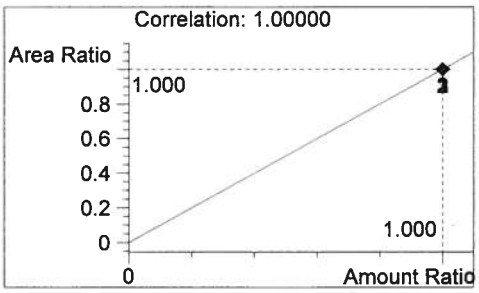
vial # 12



#	Compound	Area	RT
1	Ethanol	1185	1.071
2	n-Propanol	2683	1.759
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

AB

WASHINGTON STATE TOXICOLOGY LABORATORY

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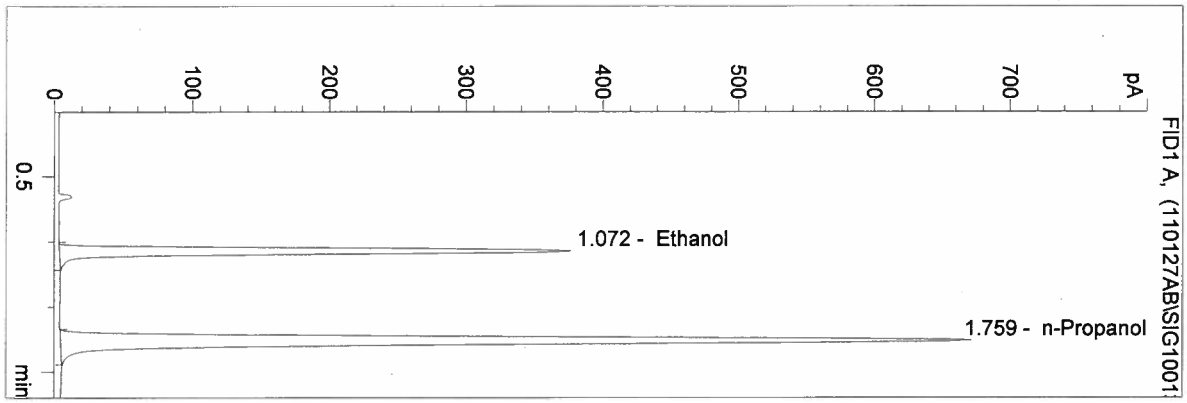
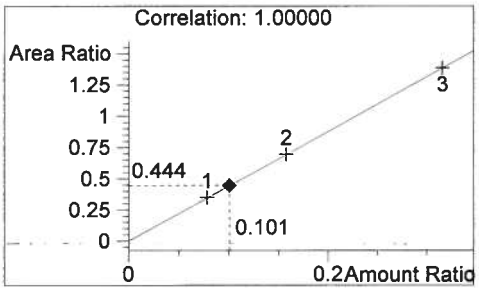
1/27/2011 3:15:05 PM
Instrument 1
DB-ALC1

11002 #4
Amanda Black

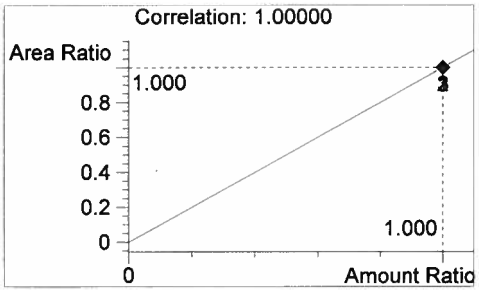
vial # 13



#	Compound	Area	RT
1	Ethanol	1179	1.072
2	n-Propanol	2652	1.759
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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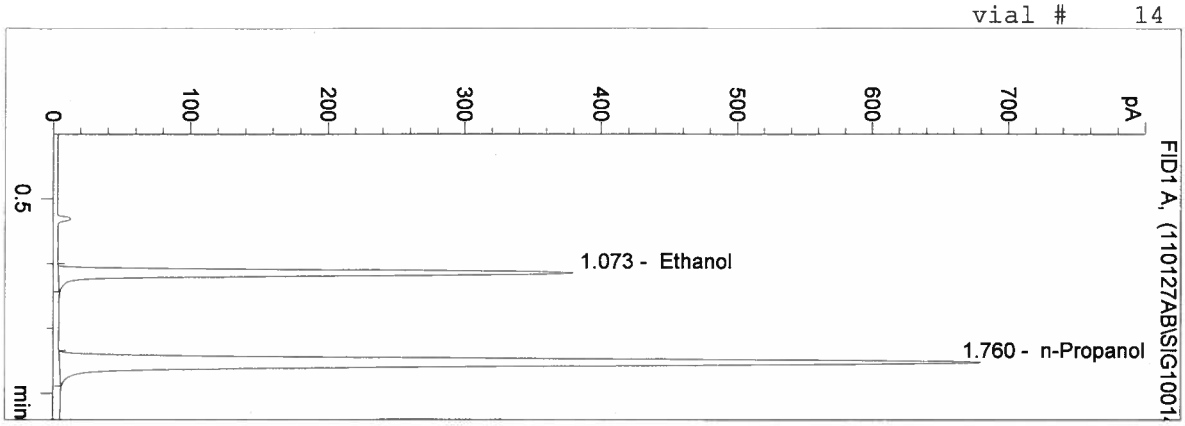
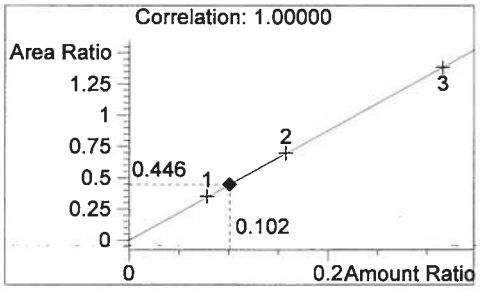
1/27/2011 3:18:09 PM
Instrument 1
DB-ALC1

11002 #5
Amanda Black

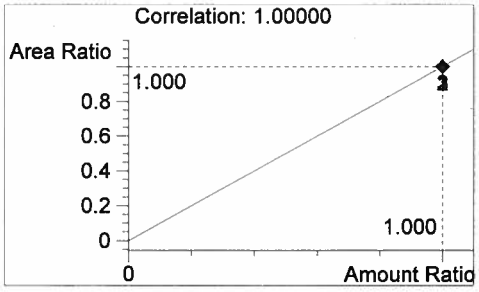
vial # 14



#	Compound	Area	RT
1	Ethanol	1204	1.073
2	n-Propanol	2701	1.760
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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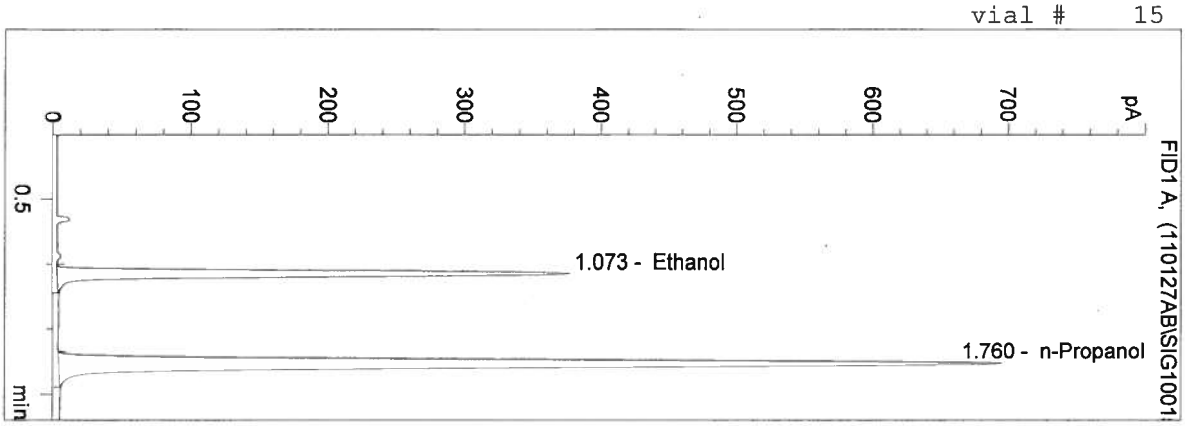
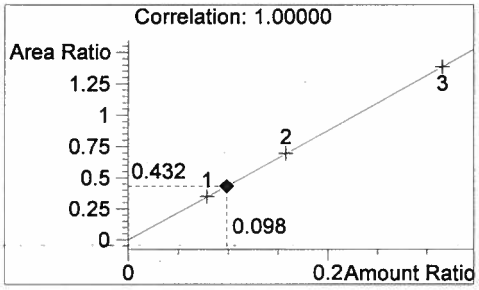
1/27/2011 3:21:14 PM
Instrument 1
DB-ALC1

0.10 CTRL - AB
Amanda Black

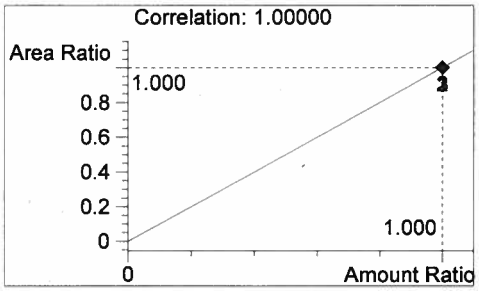
vial # 15



#	Compound	Area	RT
1	Ethanol	1193	1.073
2	n-Propanol	2762	1.760
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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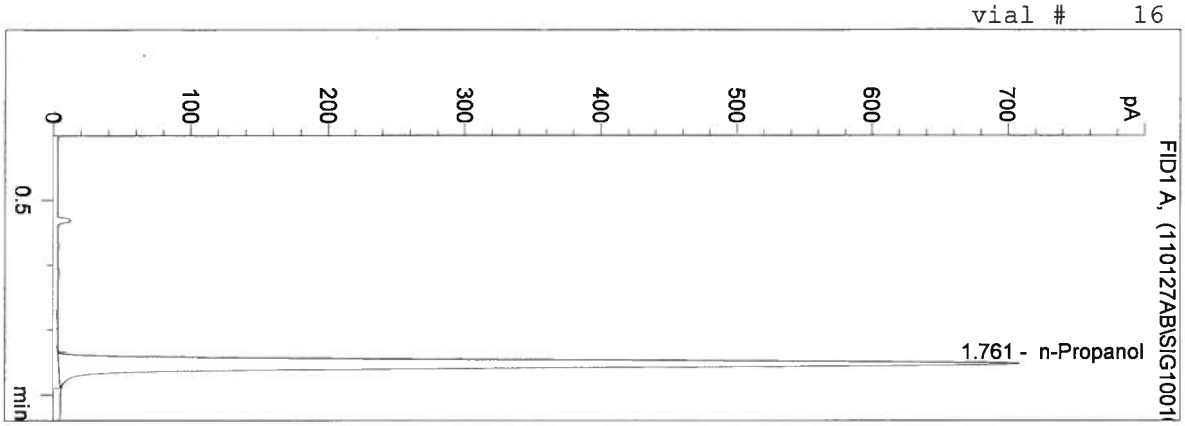
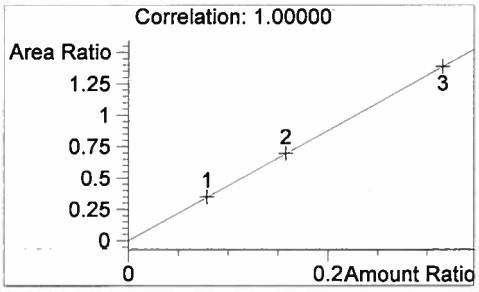
1/27/2011 3:24:19 PM
Instrument 1
DB-ALC1

NEG CTRL - AB
Amanda Black

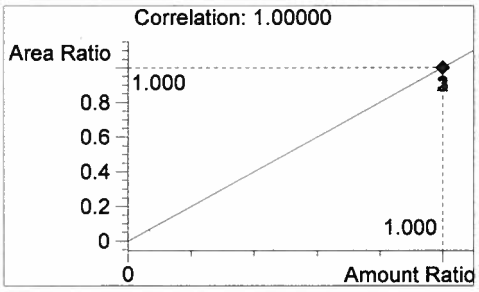
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2819	1.761
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11002

AB

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:	110201A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	11002 #1	SIMALC1	1	Sample		
11	Vial 11	11002 #2	SIMALC1	1	Sample		
12	Vial 12	11002 #3	SIMALC1	1	Sample		
13	Vial 13	11002 #4	SIMALC1	1	Sample		
14	Vial 14	11002 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC1	1	Ctrl Samp		

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Calibration Part:

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

11002

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20110202

Sequence Table (Back Injector):

No entries - empty table!

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20110201

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2011 0202

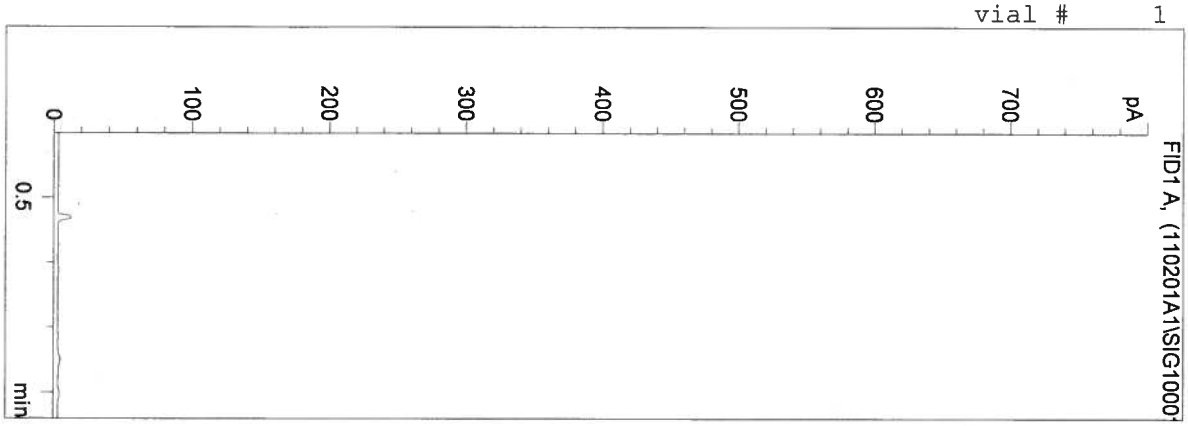
11002

WASHINGTON STATE TOXICOLOGY LABORATORY

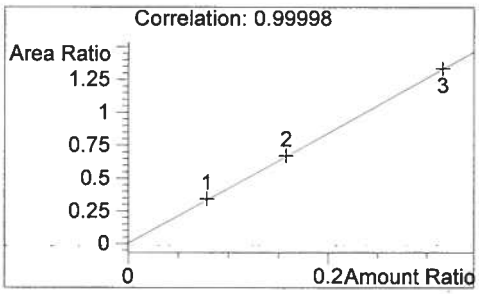
C:\HPCHEM\1\METHODS\SIMALC1.M
2/1/2011 10:58:06 AM
Instrument 1
DB-ALC1

blank
asa louis

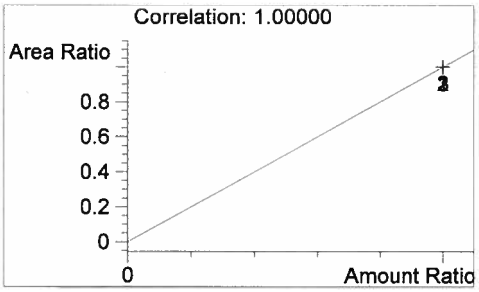
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

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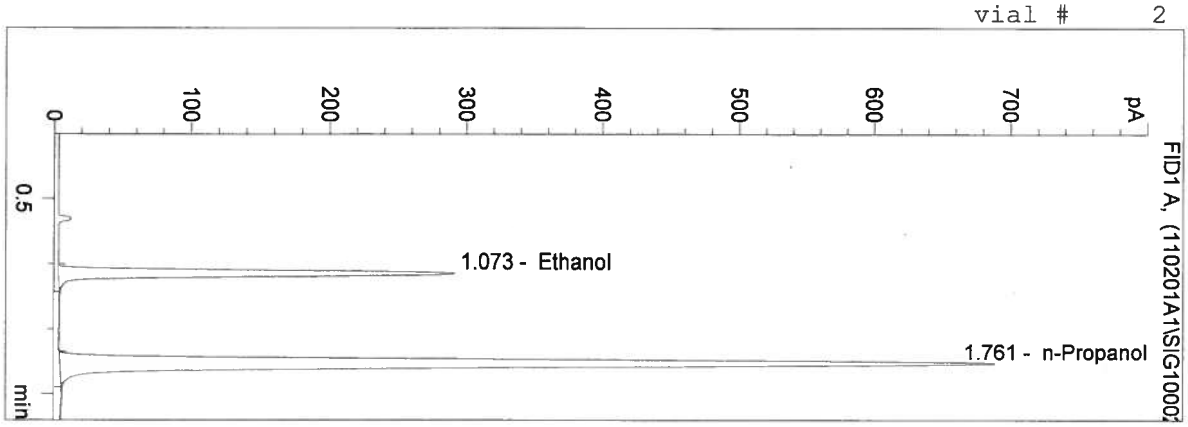
WASHINGTON STATE TOXICOLOGY LABORATORY

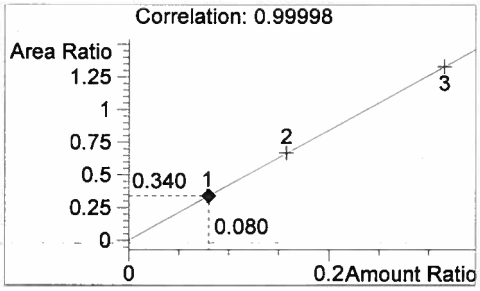
C:\HPCHEM\1\METHODS\SIMALC1.M
2/1/2011 11:01:11 AM
Instrument 1
DB-ALC1

0.079 cal 1
asa louis

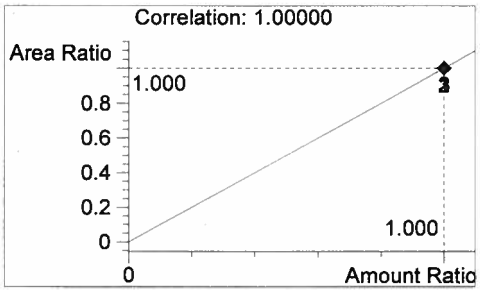
vial # 2



#	Compound	Area	RT
1	Ethanol	934	1.073
2	n-Propanol	2748	1.761
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

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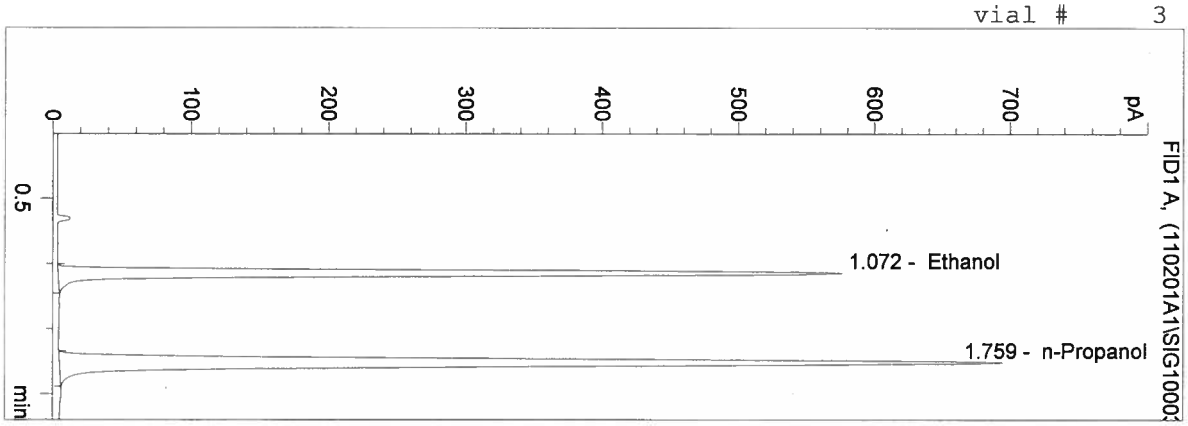
WASHINGTON STATE TOXICOLOGY LABORATORY

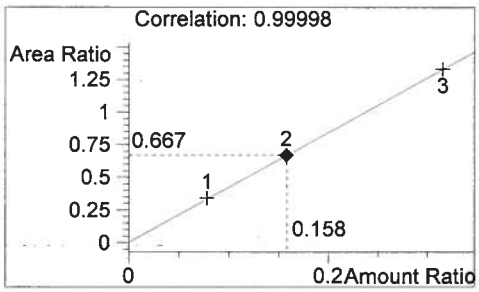
C:\HPCHEM\1\METHODS\SIMALC1.M
2/1/2011 11:04:16 AM
Instrument 1
DB-ALC1

0.158 cal 2
asa louis

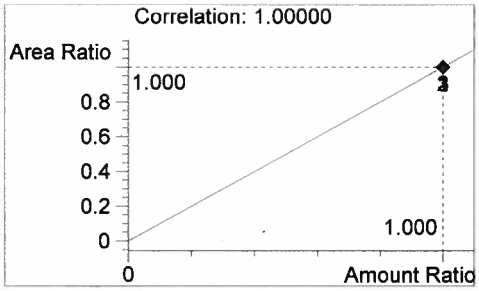
vial # 3



#	Compound	Area	RT
1	Ethanol	1836	1.072
2	n-Propanol	2752	1.759
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

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AK 20110202

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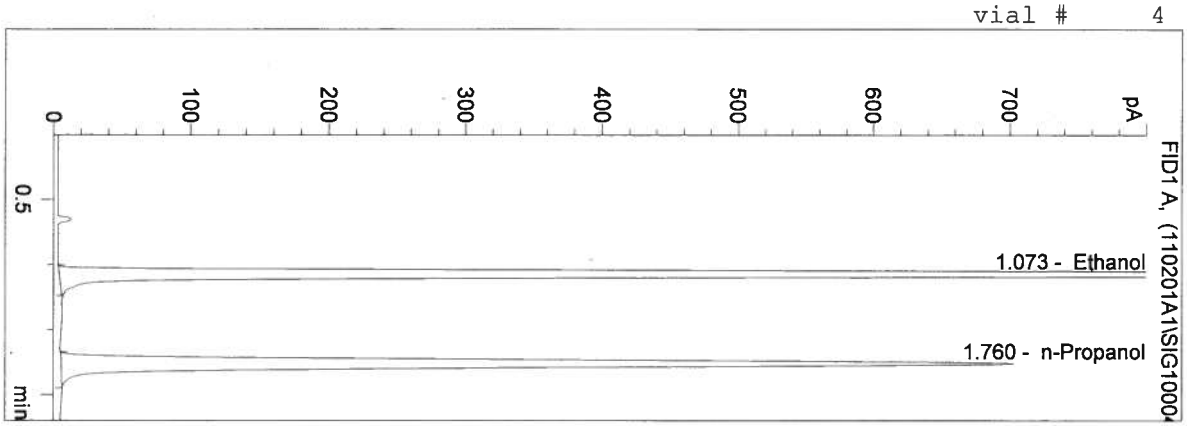
WASHINGTON STATE TOXICOLOGY LABORATORY

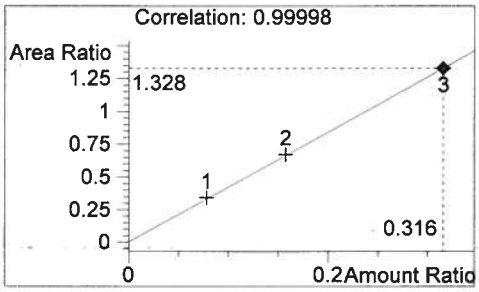
C:\HPCHEM\1\METHODS\SIMALC1.M
2/1/2011 11:07:20 AM
Instrument 1
DB-ALC1

0.316 cal 3
asa louis

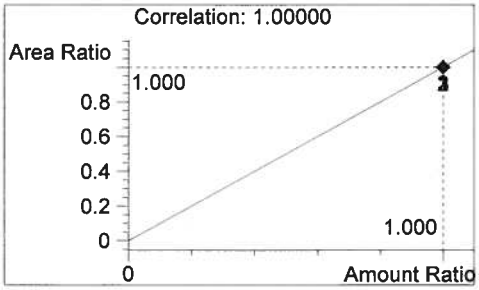
vial # 4



#	Compound	Area	RT
1	Ethanol	3716	1.073
2	n-Propanol	2798	1.760
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

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AL 20110202

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WASHINGTON STATE TOXICOLOGY LABORATORY

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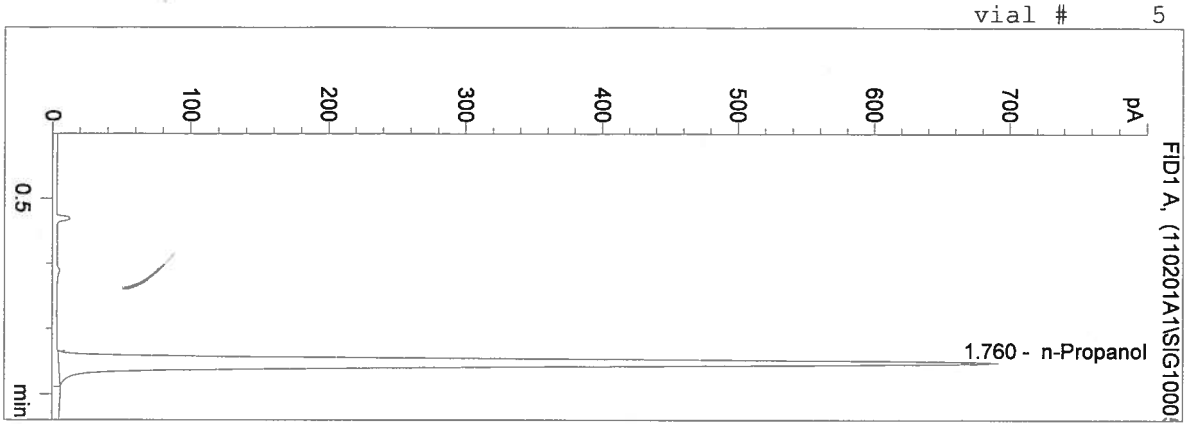
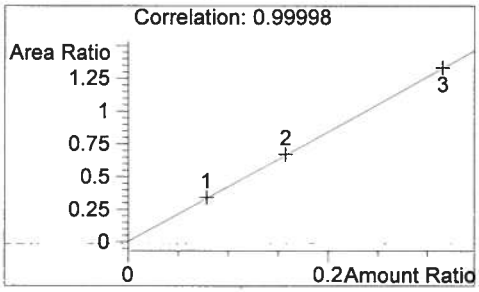
2/1/2011 11:10:25 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

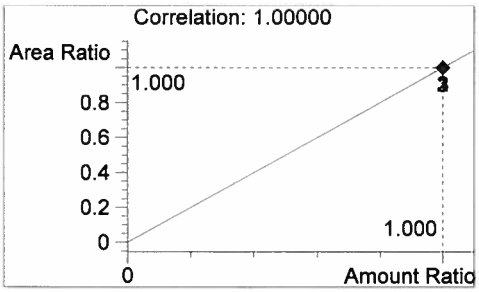
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2759	1.760
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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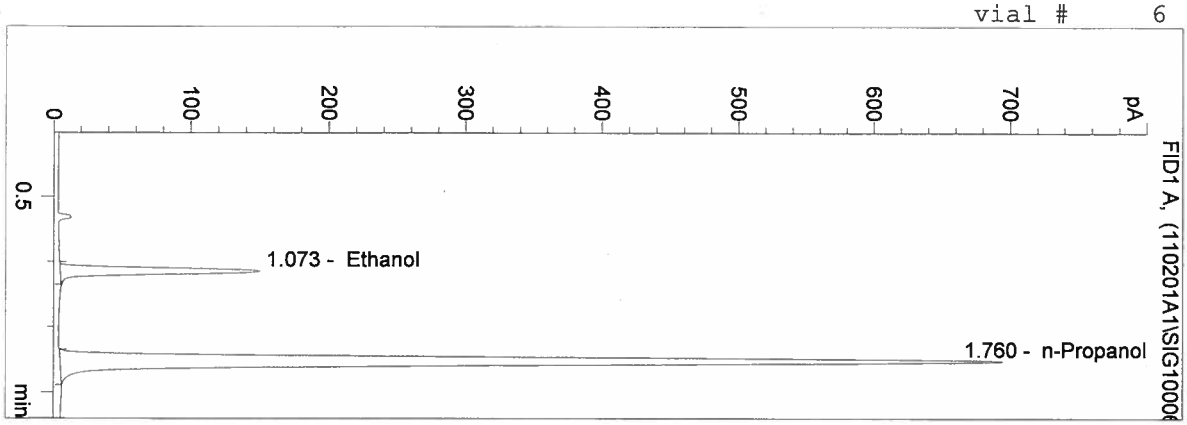
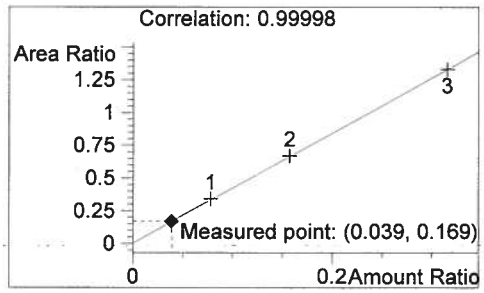
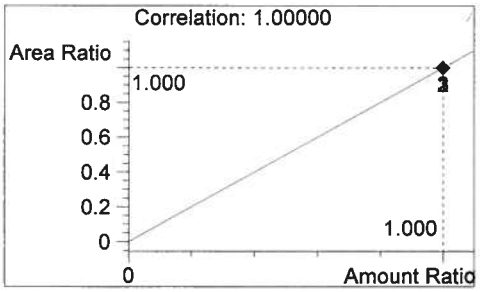
vial # 6



#	Compound	Area	RT
1	Ethanol	467	1.073
2	n-Propanol	2770	1.760
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

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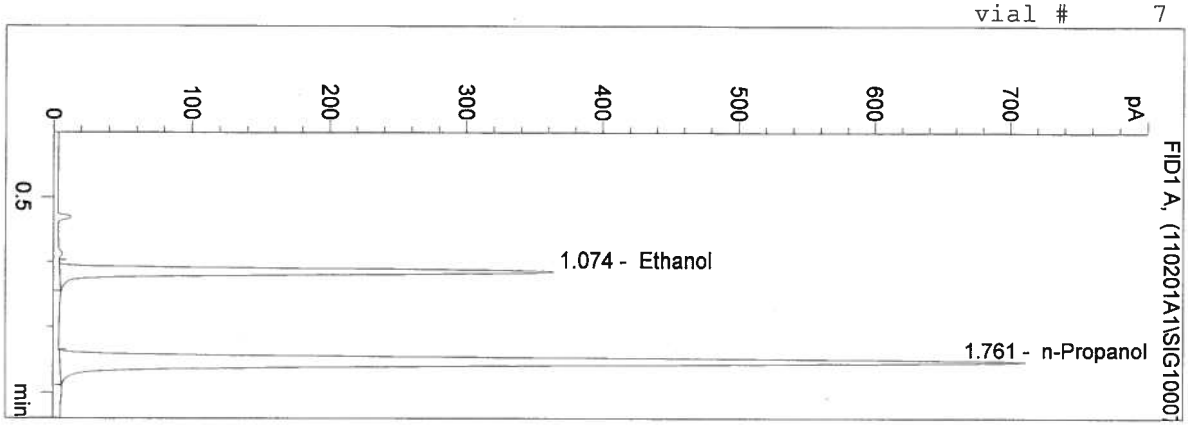
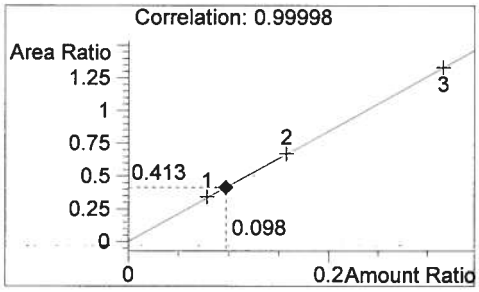
asa louis

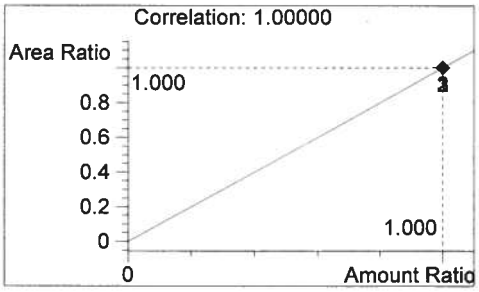
vial # 7



#	Compound	Area	RT
1	Ethanol	1172	1.074
2	n-Propanol	2836	1.761
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

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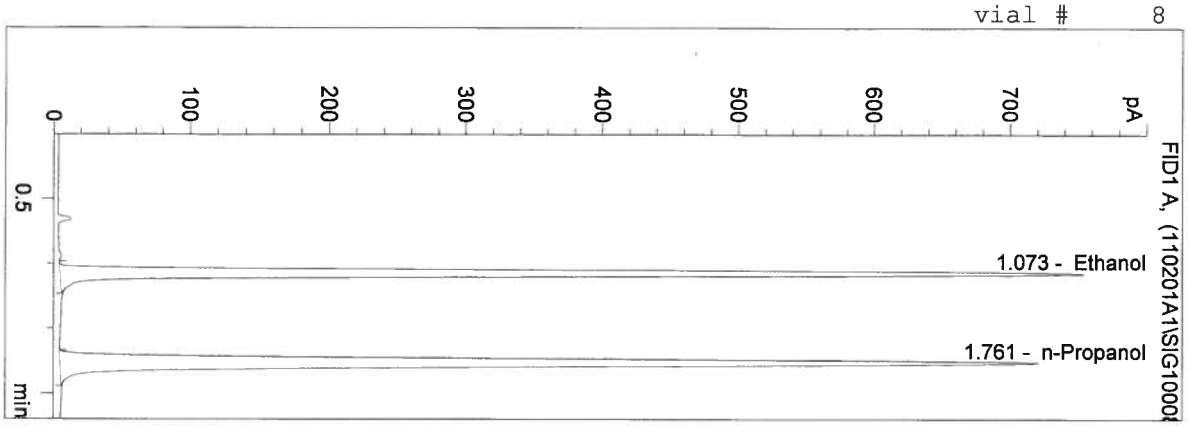
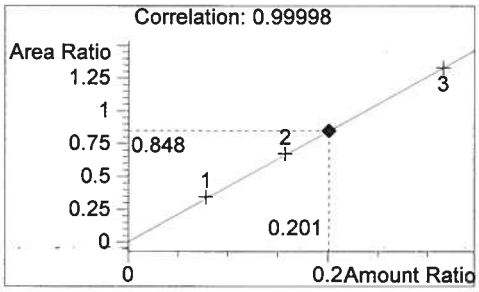
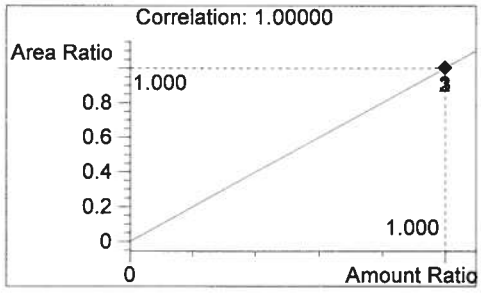
vial # 8



#	Compound	Area	RT
1	Ethanol	2438	1.073
2	n-Propanol	2876	1.761
Tot			



Ethanol 0.201 g/100 mL



n-Propanol 1.000 g/100 mL

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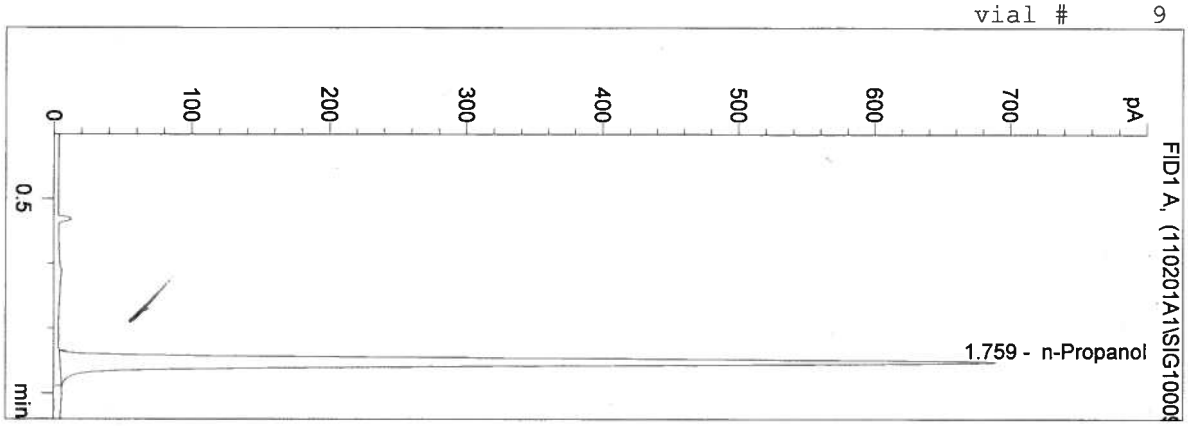
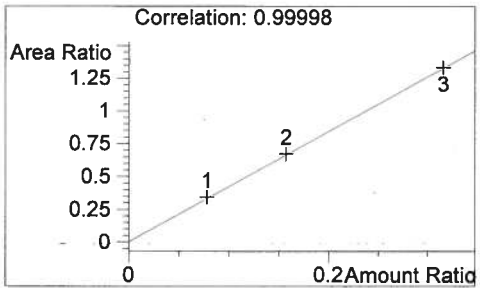
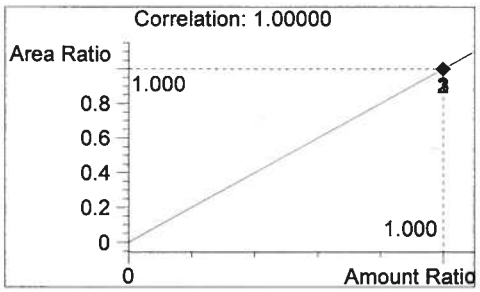
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2736	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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11002 #1
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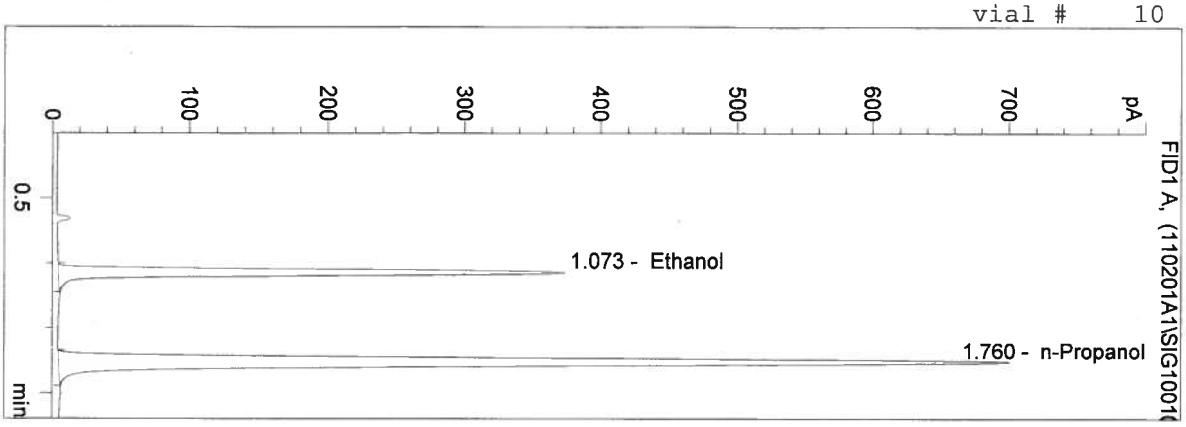
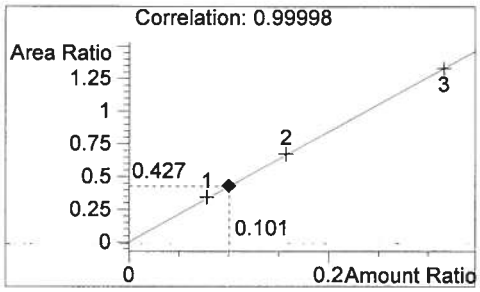
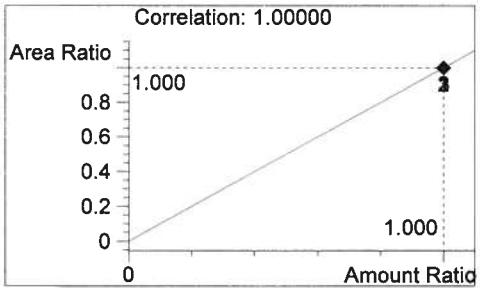
vial # 10



#	Compound	Area	RT
1	Ethanol	1191	1.073
2	n-Propanol	2789	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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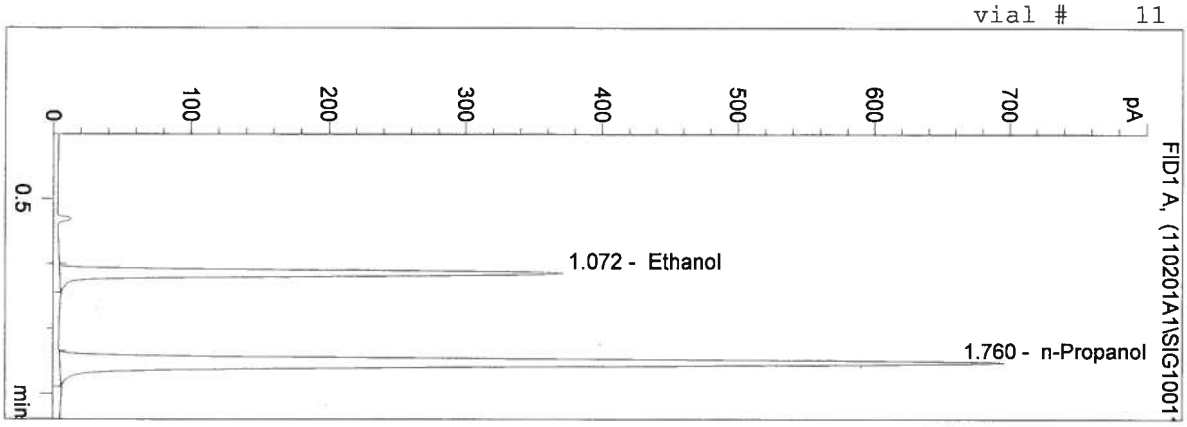
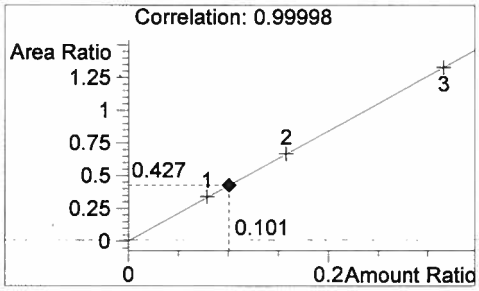
11002 #2
asa louis

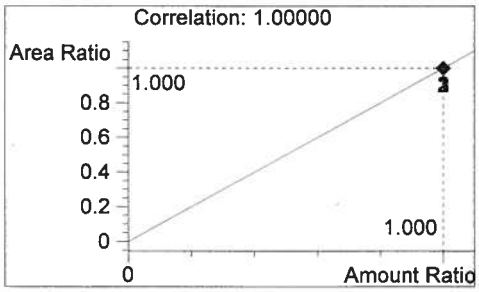
vial # 11



#	Compound	Area	RT
1	Ethanol	1183	1.072
2	n-Propanol	2769	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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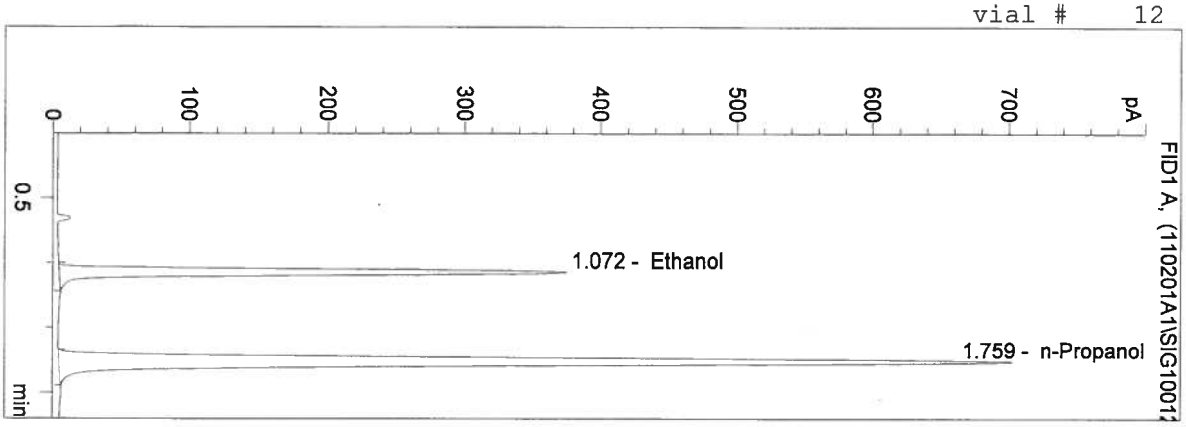
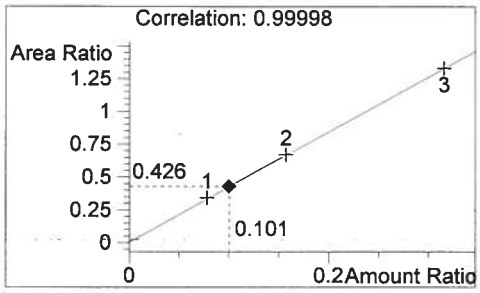
DB-ALC1

11002 #3
asa louis

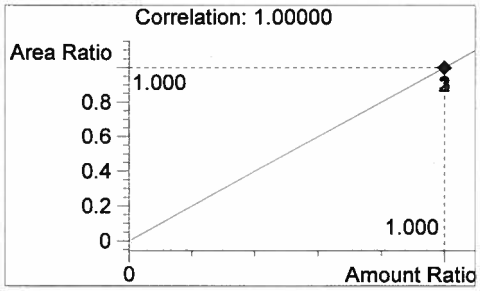
vial # 12



#	Compound	Area	RT
1	Ethanol	1190	1.072
2	n-Propanol	2790	1.759
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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DB-ALC1

11002 #4
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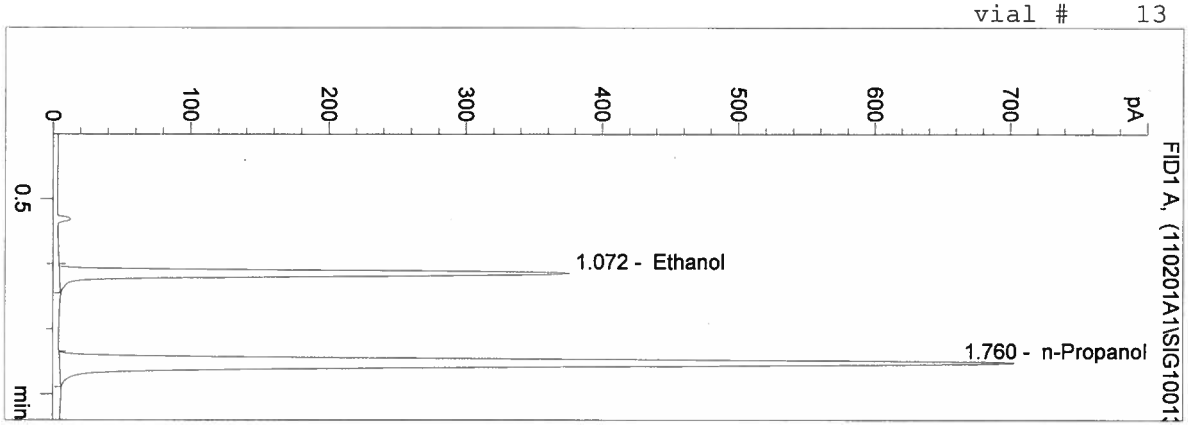
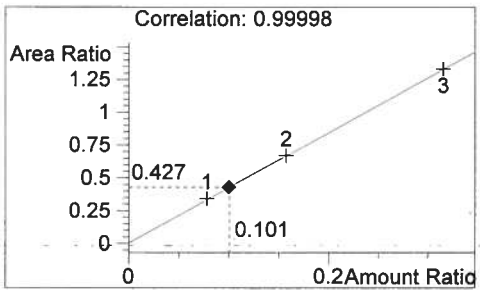
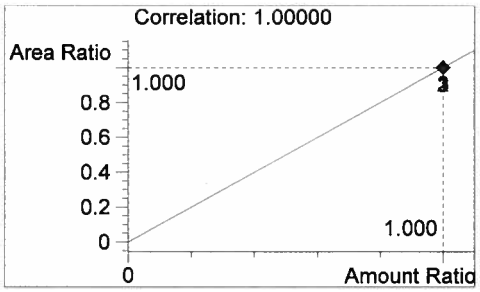
vial # 13



#	Compound	Area	RT
1	Ethanol	1192	1.072
2	n-Propanol	2792	1.760
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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11002 #5
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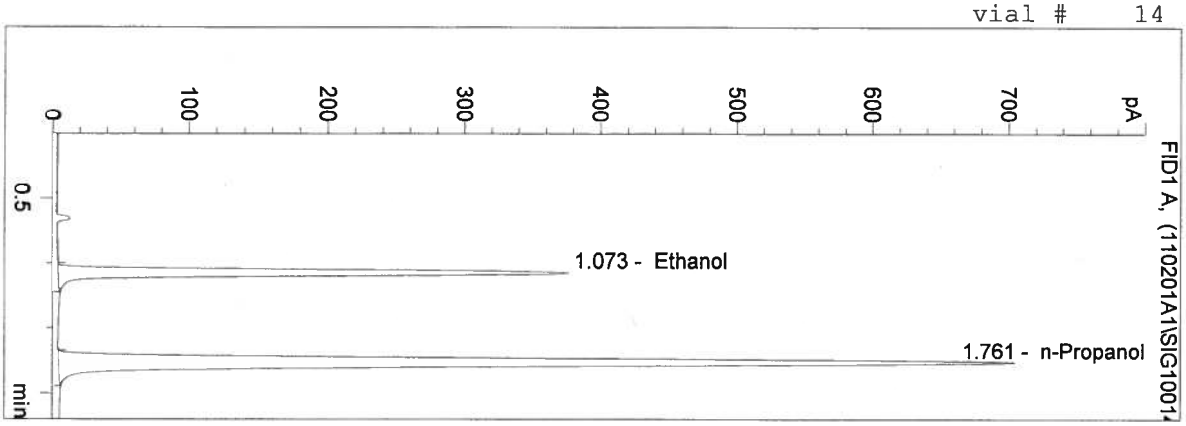
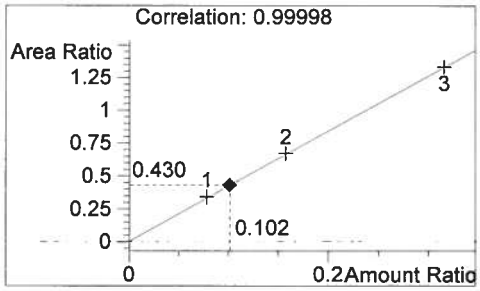
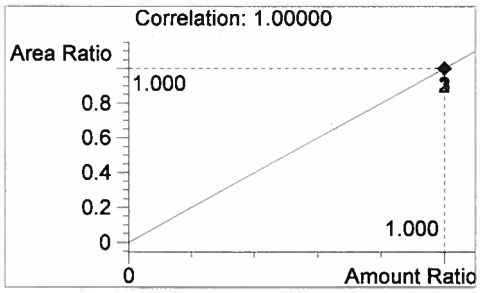
vial # 14



#	Compound	Area	RT
1	Ethanol	1208	1.073
2	n-Propanol	2809	1.761
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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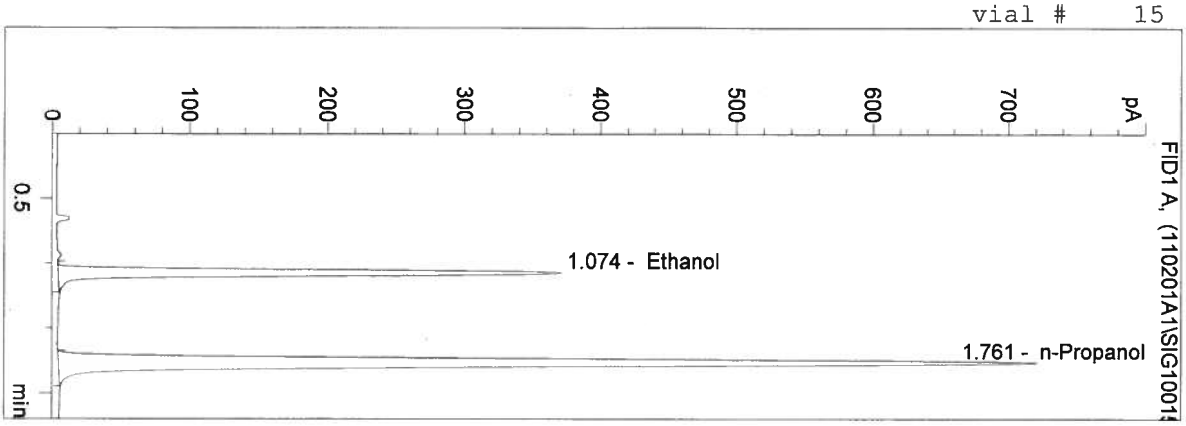
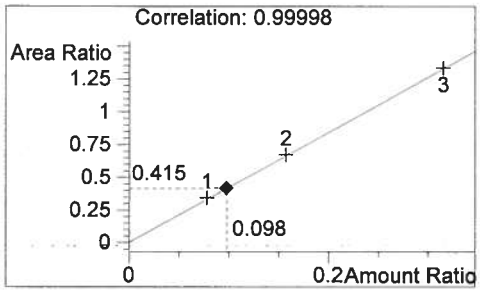
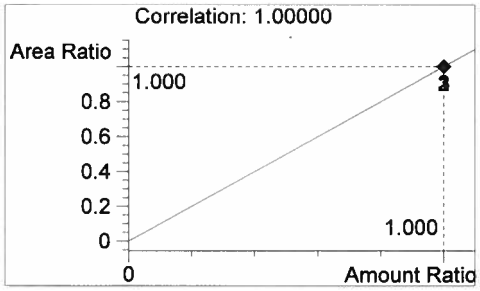
vial # 15



#	Compound	Area	RT
1	Ethanol	1196	1.074
2	n-Propanol	2879	1.761
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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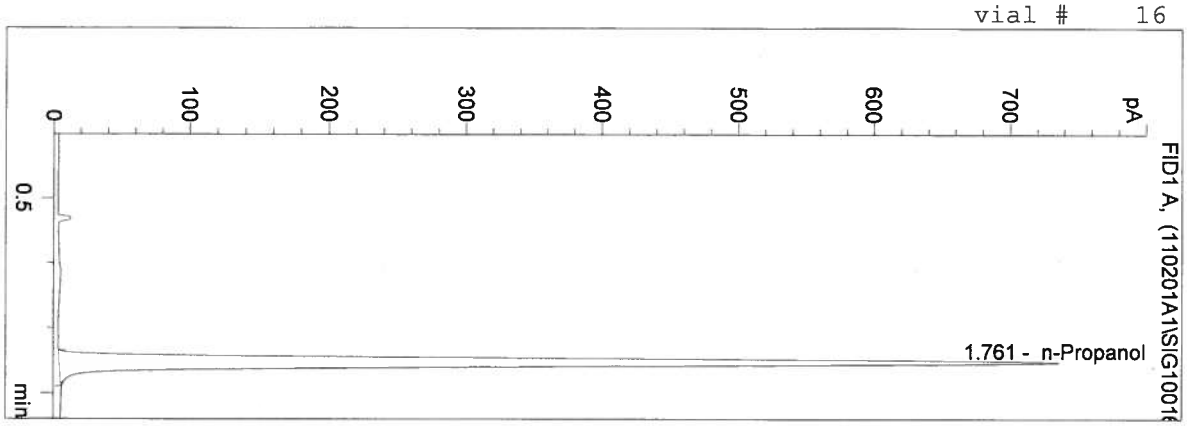
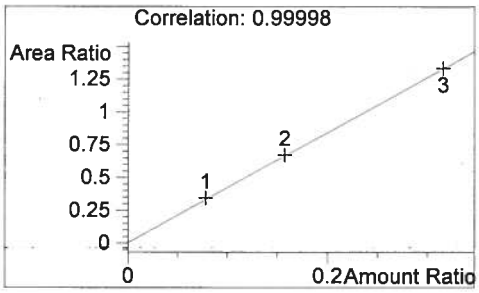
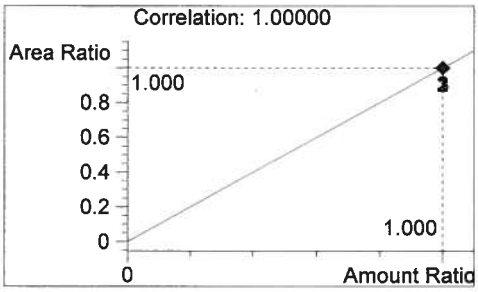
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2940	1.761
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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WSP-TLD | COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 1/20/11 Initials of Preparer: BP

Expiration Date: 1/20/12

Lot # of 200-proof Ethanol used in preparation: 280777

Date the 200-proof Ethanol bottle was opened: 11/30/10

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	☒	11002

Stir bar is rotating ☒

Stirred for minimum 30 minutes; 2 hours for ESS ☒

Spigot purged ☒

Aliquot taken ☒

Batch labeled, packaged and sealed ☒ 1/20/11 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:

Brianna Peterson
Analyst Signature

1/20/11
Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: JASON SKLEROV Date: 2-7-2011

Location: WSP-FLSB, SEATTLE, WA Solution Batch Number: 11002

	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: [signature] Date: 2-7-11

Reviewer Signature: N/A JMS 2-7-11 Date: