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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 11038

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: 09/08/2011
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Naziha Nuwayhid

	NN	JLK	DC	LN	AJL	CSJ	BEO	BB
1	0.101	0.102	0.101	0.101	0.100	0.102	0.100	0.101
2	0.103	0.101	0.102	0.102	0.100	0.102	0.099	0.101
3	0.103	0.102	0.102	0.101	0.101	0.102	0.101	0.100
4	0.101	0.102	0.101	0.101	0.103	0.100	0.099	0.100
5	0.100	0.102	0.101	0.103	0.101	0.101	0.099	0.098
C	0.098	0.099	0.099	0.100	0.098	0.099	0.097	0.097

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1011 g/100mL
STANDARD DEVIATION: 0.00118
PRECISION CV (%): 1.16
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0822 g/210L**
EXPANDED UNCERTAINTY: ± 0.0032 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton — Forensic Scientist Supervisor — 9-16-2011 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
NN	Naziha Nuwayhid		09/08/2011
JLK	Justin L. Knoy		09/09/2011
DC	Dawn Cox		09/12/2011
LN	Lisa Noble		09/12/2011
AJL	Asa J. Louis		09/12/2011
CSJ	Christopher S. Johnston		09/12/2011
BEO	Brianne O'Reilly		09/13/2011
BB	Brittany Ball		09/14/2011

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

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

External Standard Solution Batch #: 11038 **Date Prepared:** 9/8/2011

Analyst:	NN	JLK	DC	LN	AJL	CSJ	BEO	BB
Date Tested:	9/8/2011	9/9/2011	9/12/2011	9/12/2011	9/12/2011	9/12/2011	9/13/2011	9/14/2011
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.101	0.102	0.101	0.101	0.100	0.102	0.100	0.101
2	0.103	0.101	0.102	0.102	0.100	0.102	0.099	0.101
3	0.103	0.102	0.102	0.101	0.101	0.102	0.101	0.100
4	0.101	0.102	0.101	0.101	0.103	0.100	0.099	0.100
5	0.100	0.102	0.101	0.103	0.101	0.101	0.099	0.098
C	0.098	0.099	0.099	0.100	0.098	0.099	0.097	0.097

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001353479	0.0001162473	0.0001016326

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

Average Solution Concentration: 0.1011 g/100mL
Standard Deviation: 0.00118 g/100mL
Precision CV (%): 1.16
Equivalent Vapor Concentration: 0.0822 g/210L
Combined Standard Uncertainty (±): 0.0016 g/210L
Expanded Uncertainty (±): 0.0032 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton Melissa L. Pemberton 9.14.2011
Name Signature Date

Calculations verified by: Jason Sklerov 9/16/11 Method: Hand Calculator
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton Melissa L. Pemberton 9.16.2011
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: JASON SKLEROV **Date:** 09/16/11

Location: WSP-FLSB; Seattle, WA **Solution Batch Number:** 11038

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

Comments:

Reviewer Signature: (SKLEROV) **Date:** 9/16/11

Reviewer Signature: N/A. 9/16/11 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Black		
Asa Louis	AL	2011 09 15
Brian Capron		
Brianna Peterson		
Brianne O'Reilly	BOO	9·15·11
Brittany Ball	BB	9-15-11
Christie Mitchell		
Christopher Johnston	CJ	9·15·11
Dawn Cox	DC	9.15.11
Justin Knoy	JK	9.15.11
Lisa Noble	LN	9/15/11
Melissa Pemberton		
Naziha Nuwayhid	NN	9.16.11
Rebecca Flaherty		
Sarah Swenson		

Batch # 11038

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 11038

I, Naziha Nuwayhid, 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: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution, Lot Number 11038, was prepared in the Washington State Toxicology Laboratory on 9/8/2011. 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 9/8/2012.

Seattle, WA

9.16.11

Naziha Nuwayhid — Date
Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11038

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 11038, was prepared in the Washington State Toxicology Laboratory on 9/8/2011. 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 9/8/2012.

Seattle, WA

9-15-11

Justin L. Knoy — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11038

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

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

I possess the following qualifications: BS in Forensic Chemistry.

The external standard solution, Lot Number 11038, was prepared in the Washington State Toxicology Laboratory on 9/8/2011. 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 9/8/2012.

Seattle, WA

Dawn Cox 9/15/11

Dawn Cox Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
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JOHN R. BATISTE
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11038

I, Lisa Noble, 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 and five years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 11038, was prepared in the Washington State Toxicology Laboratory on 9/8/2011. 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 9/8/2012.

Seattle, WA

Lisa Noble 9/15/11

Lisa Noble Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11038

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 11038, was prepared in the Washington State Toxicology Laboratory on 9/8/2011. 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 9/8/2012.

Seattle, WA

2011 09 15

Asa J. Louis Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11038

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 11038, was prepared in the Washington State Toxicology Laboratory on 9/8/2011. 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 9/8/2012.

Seattle, WA

9·15·11

Christopher S. Johnston Date
Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11038

I, Brianne E. O'Reilly, 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 Veterinary Medical Sciences.

The external standard solution, Lot Number 11038, was prepared in the Washington State Toxicology Laboratory on 9/8/2011. 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 9/8/2012.

Seattle, WA

Brianne E O'Reilly 9.15.11

Brianne E. O'Reilly Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11038

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

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

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

The external standard solution, Lot Number 11038, was prepared in the Washington State Toxicology Laboratory on 9/8/2011. 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 9/8/2012.

Seattle, WA

Brittany Ball 9/15/11

Brittany Ball Date

Forensic Toxicologist

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	110908NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL3	SIMALC3	1	Calib		
5	Vial 5	NEG CTL-NN	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTL-NN	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTL-NN	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTL-NN	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTL-NN	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 11038-1	SIMALC3	1	Sample		
11	Vial 11	ESS 11038-2	SIMALC3	1	Sample		
12	Vial 12	ESS 11038-3	SIMALC3	1	Sample		
13	Vial 13	ESS 11038-4	SIMALC3	1	Sample		
14	Vial 14	ESS 11038-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTL-NN	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTL-NN	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL3	SIMALC3	3	Replace	Replace	

E11038

Sequence Table (Back Injector):

NN
NN 9.16.11

Sequence: C:\HPCHEM\2\SEQUENCE\NNESS3.S

No entries - empty table!

11038

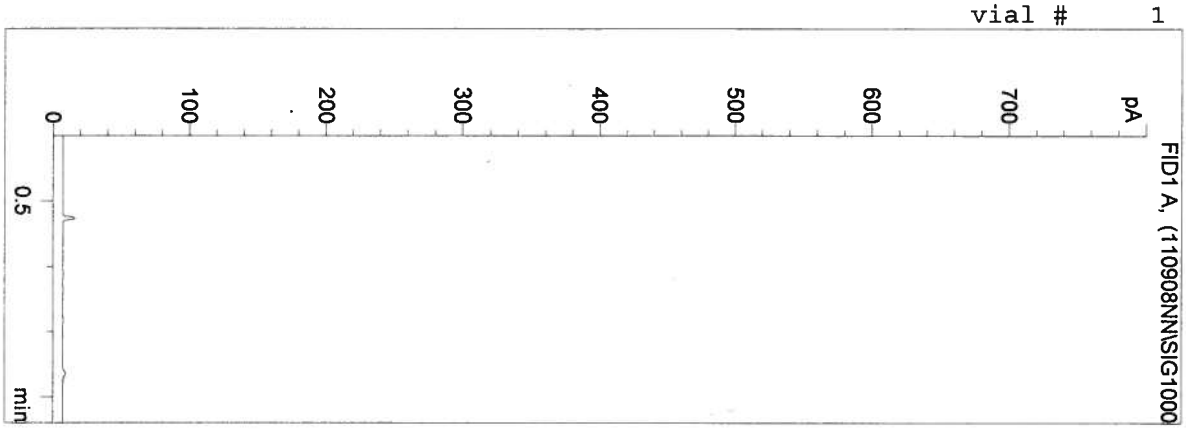
NN
NN 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/8/2011 2:25:25 PM
Instrument 3
DB-ALC2

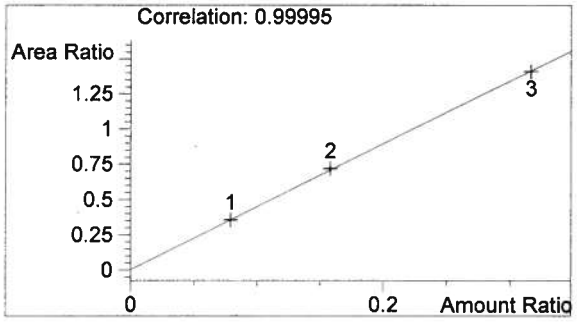
BLANK
Naziha Nuwayhid, PhD

vial # 1

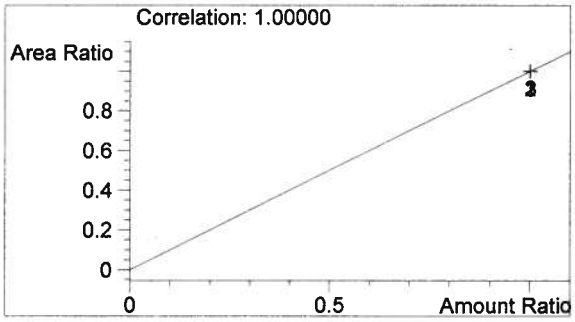


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

11038

NN 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

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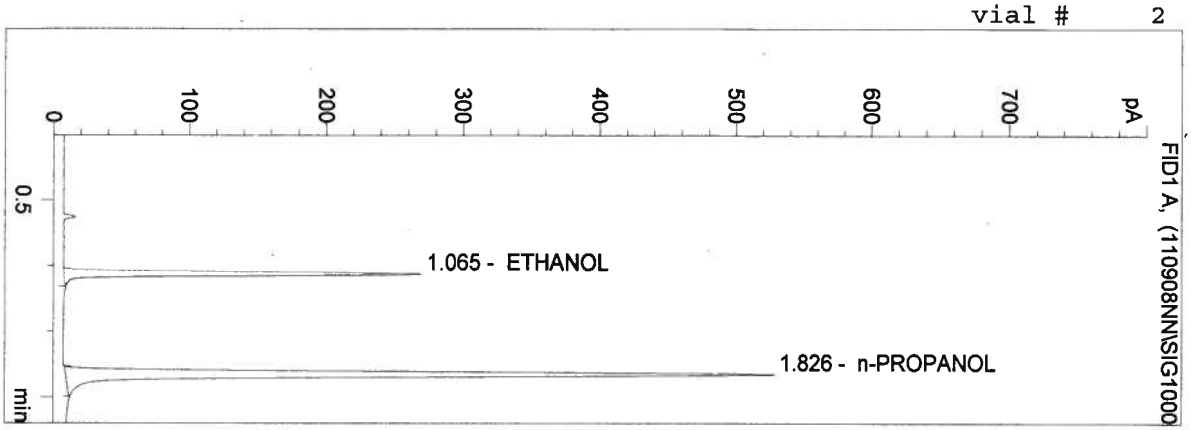
9/8/2011 2:28:33 PM
Instrument 3
DB-ALC2

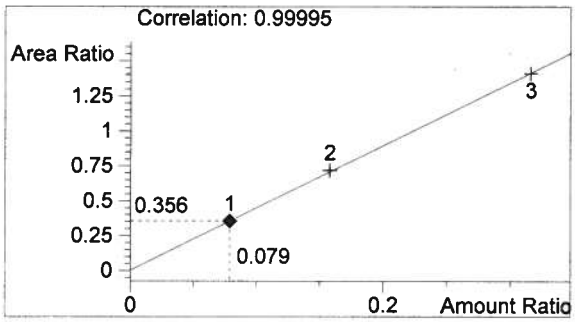
0.079 CAL1
Naziha Nuwayhid, PhD

vial # 2

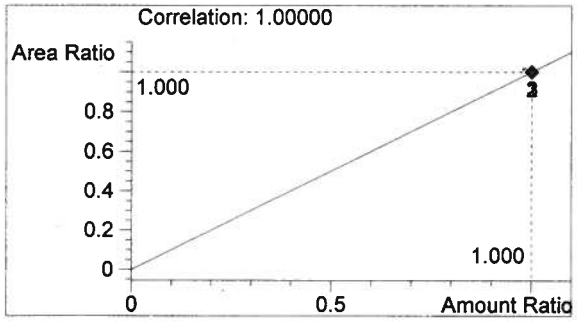


#	Compound	Area	RT
1	ETHANOL	519	1.065
2	n-PROPANOL	1459	1.826

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

11038

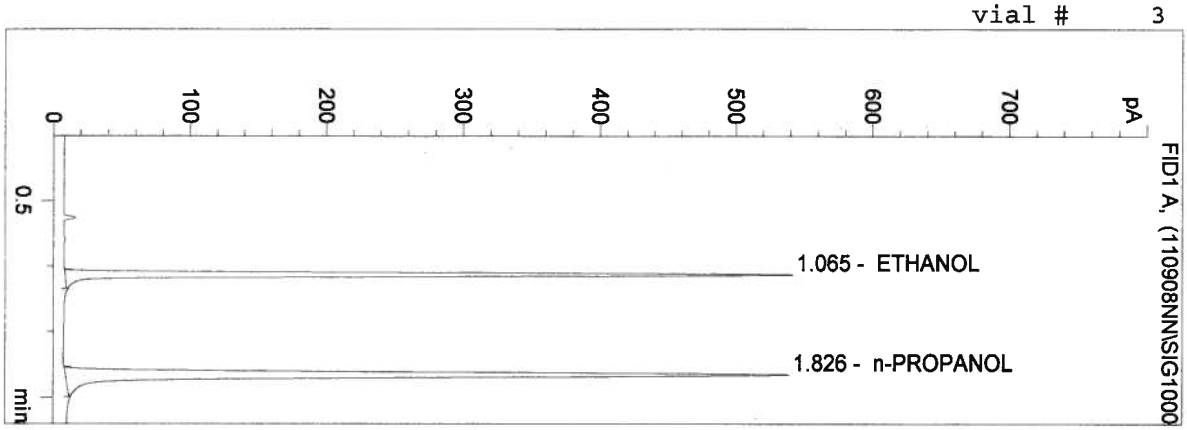
NN
NN 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/8/2011 2:31:40 PM
Instrument 3
DB-ALC2

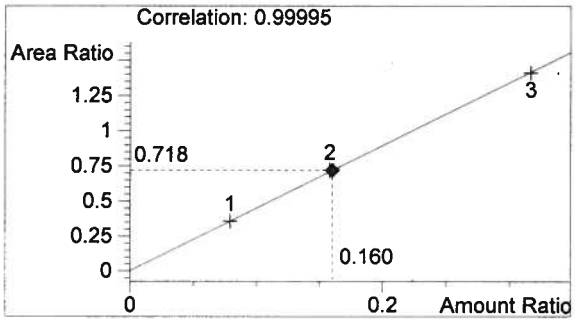
0.158 CAL2
Naziha Nuwayhid, PhD

vial # 3

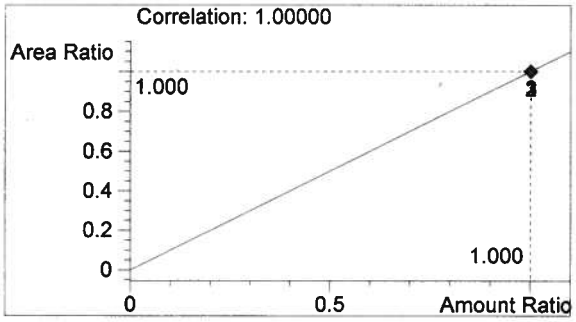


#	Compound	Area	RT
1	ETHANOL	1069	1.065
2	n-PROPANOL	1489	1.826

Totals:



ETHANOL 0.160 g/100ml



n-PROPANOL 1.000 g/100ml

11038

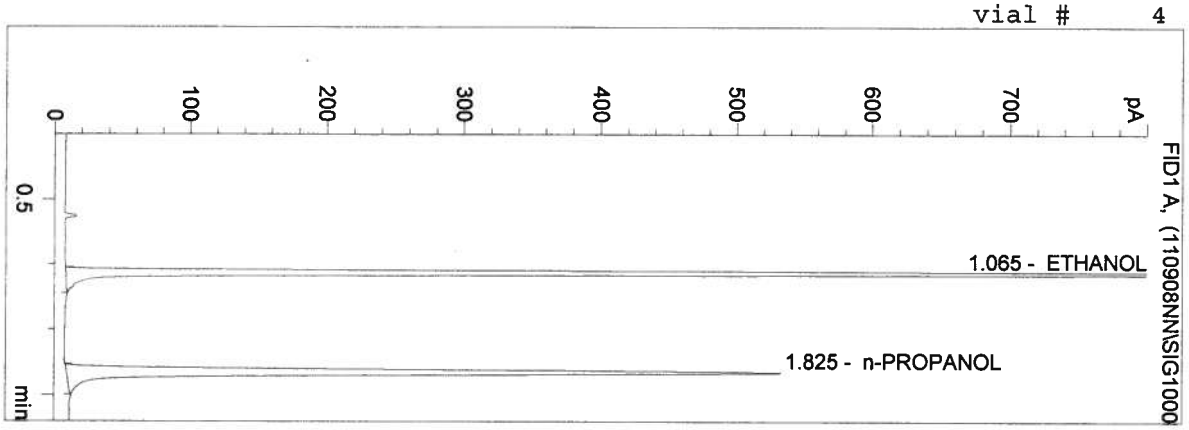
NN 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/8/2011 2:34:47 PM
Instrument 3
DB-ALC2

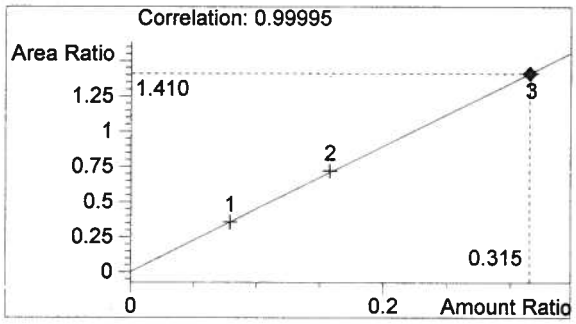
0.316 CAL3
Naziha Nuwayhid, PhD

vial # 4

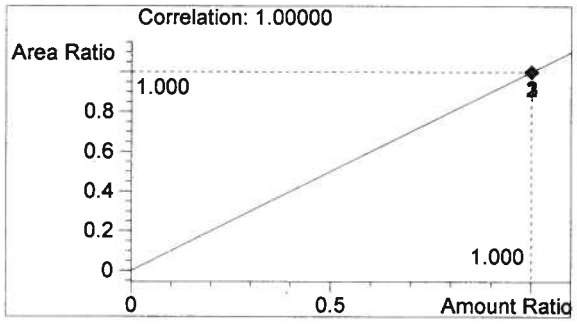


#	Compound	Area	RT
1	ETHANOL	2069	1.065
2	n-PROPANOL	1467	1.825

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

11038

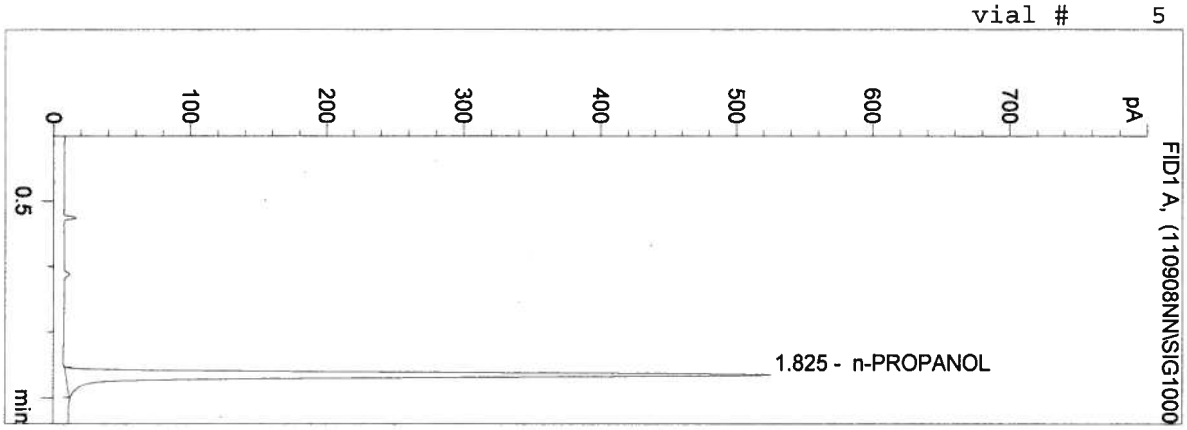
NN 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/8/2011 2:37:55 PM
Instrument 3
DB-ALC2

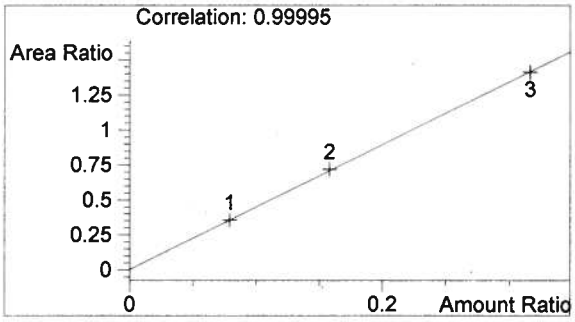
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 5

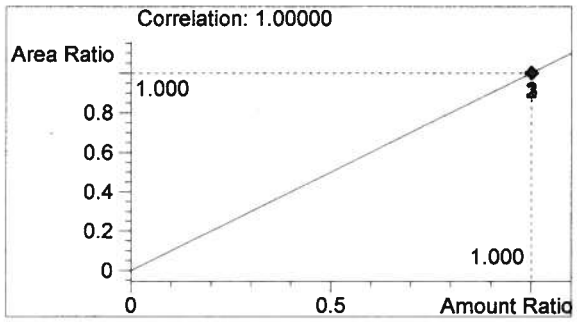


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1446	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

11038

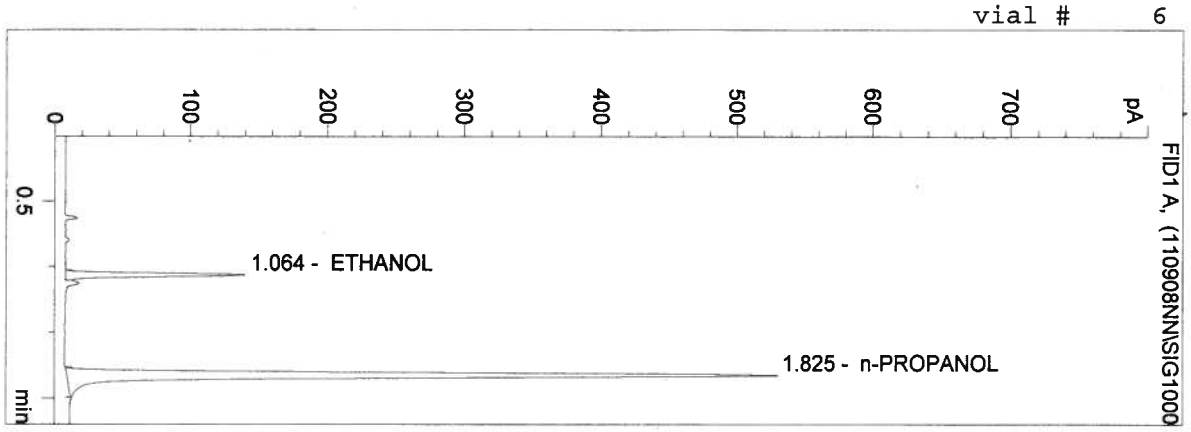
NN
NN. 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/8/2011 2:41:02 PM
Instrument 3
DB-ALC2

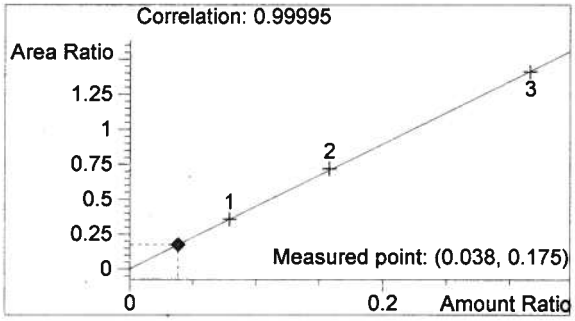
0.04 CTL-NN
Naziha Nuwayhid, PhD

vial # 6

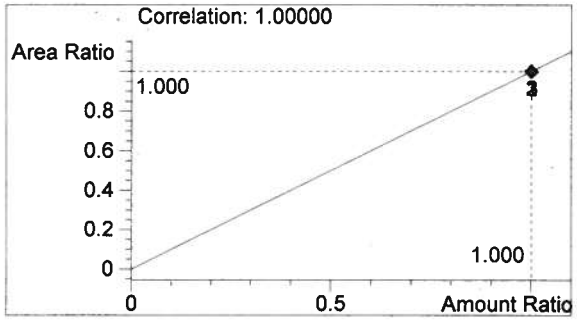


#	Compound	Area	RT
1	ETHANOL	256	1.064
2	n-PROPANOL	1462	1.825

Totals:



ETHANOL 0.038 g/100ml



n-PROPANOL 1.000 g/100ml

11038

NN 9.16.11

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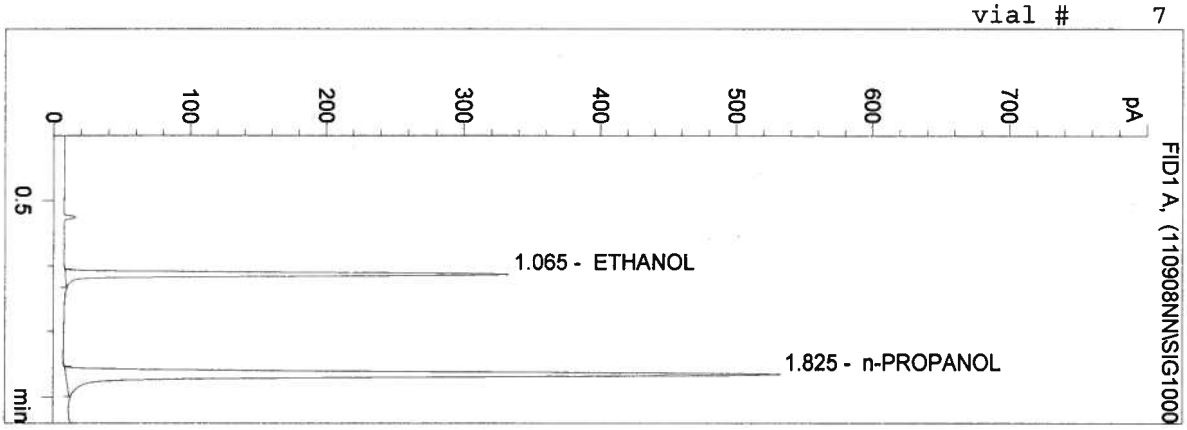
Instrument 3
DB-ALC2

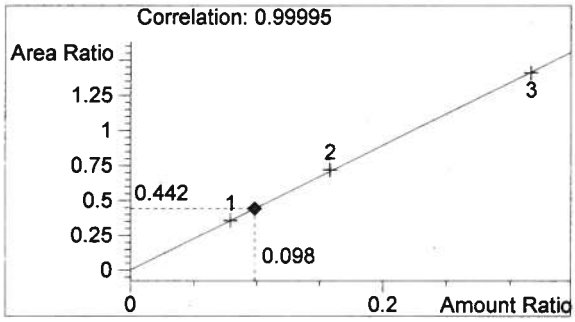
0.10 CTL-NN
Naziha Nuwayhid, PhD

vial # 7

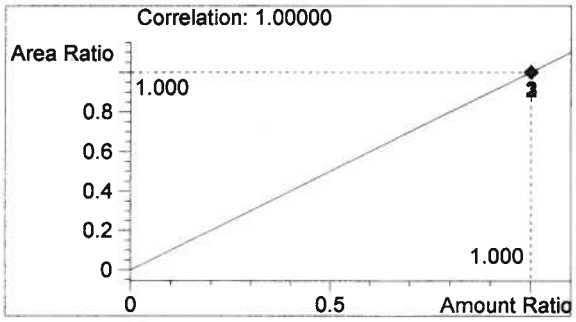


#	Compound	Area	RT
1	ETHANOL	652	1.065
2	n-PROPANOL	1473	1.825

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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NN 9.16.11

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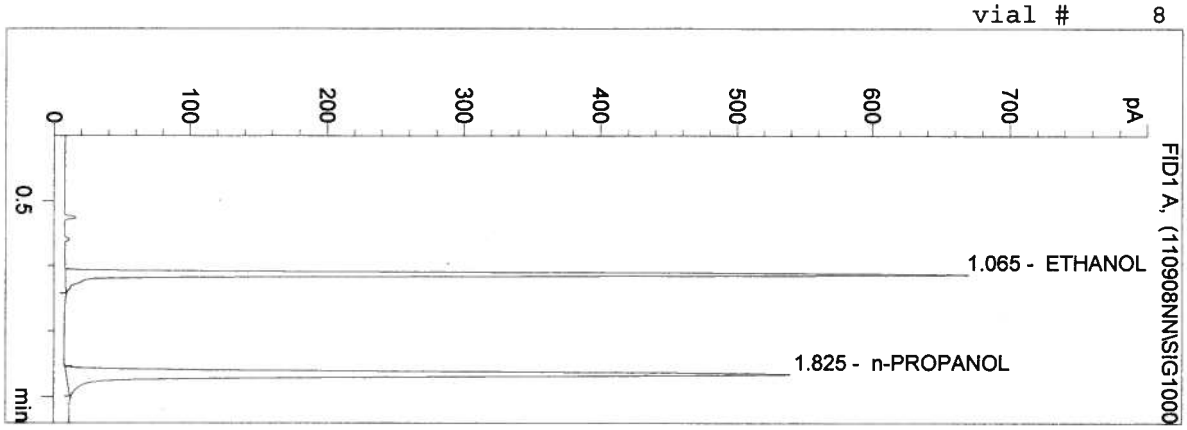
Instrument 3
DB-ALC2

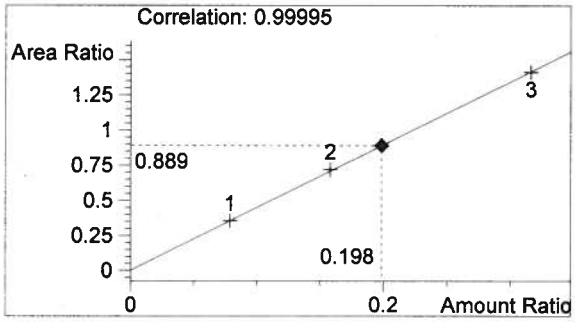
0.20 CTL-NN
Naziha Nuwayhid, PhD

vial # 8

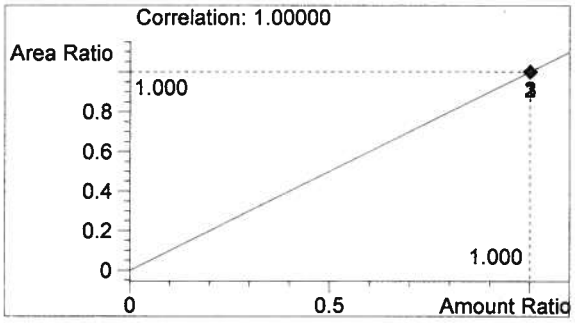


#	Compound	Area	RT
1	ETHANOL	1325	1.065
2	n-PROPANOL	1490	1.825

Totals:



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

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NN 9-16-11

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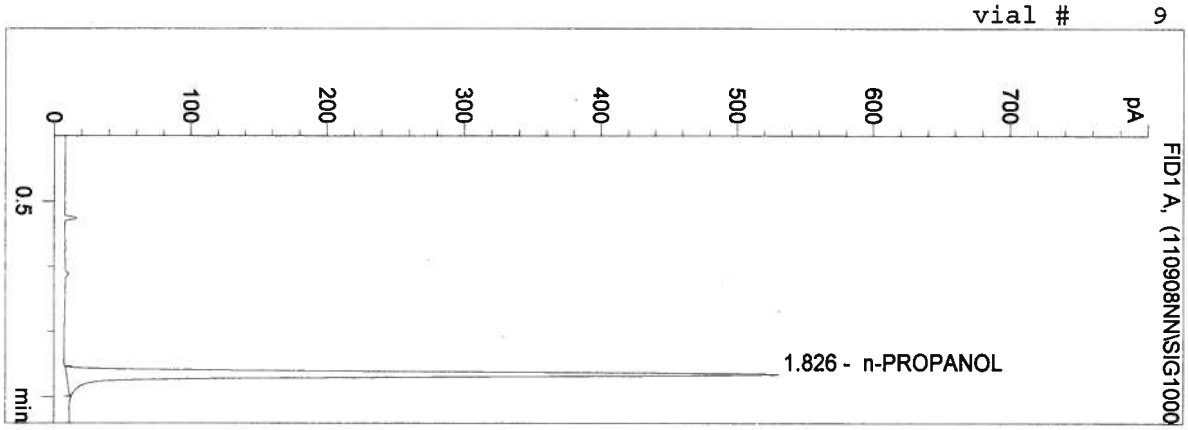
Instrument 3
DB-ALC2

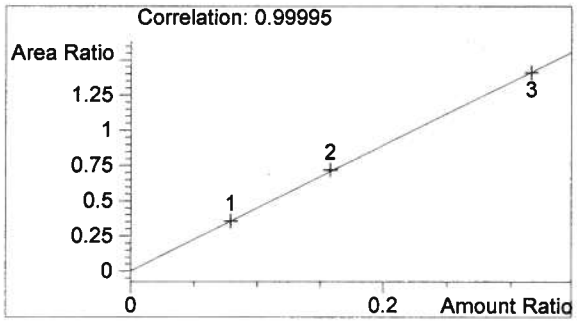
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 9

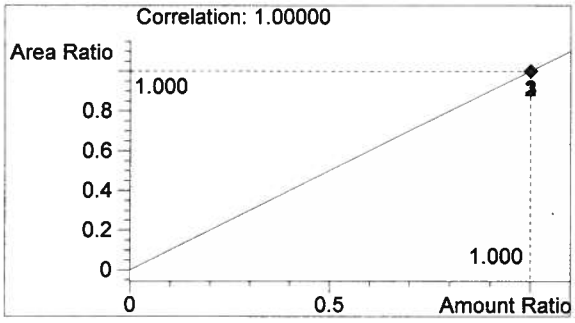


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1465	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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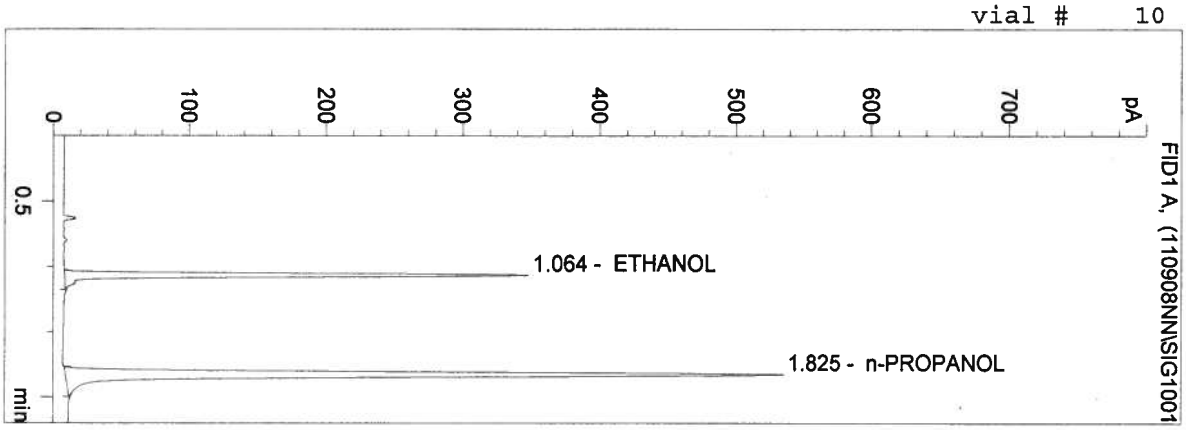
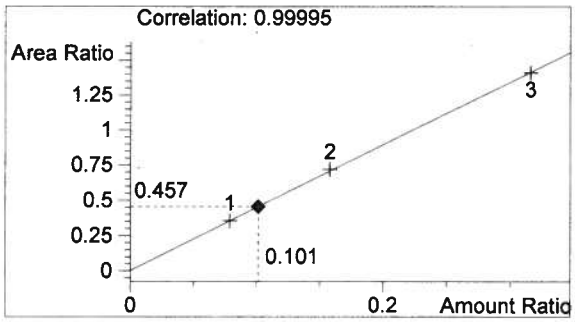
Instrument 3
DB-ALC2

ESS 11038-1
Naziha Nuwayhid, PhD

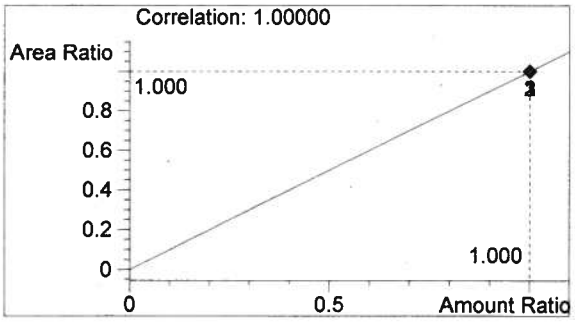
vial # 10



#	Compound	Area	RT
1	ETHANOL	674	1.064
2	n-PROPANOL	1476	1.825
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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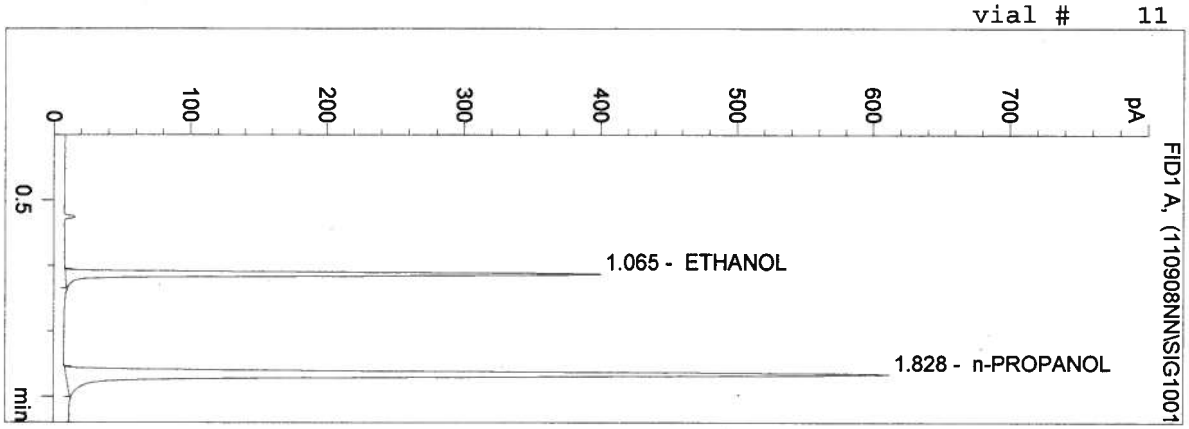
Instrument 3
DB-ALC2

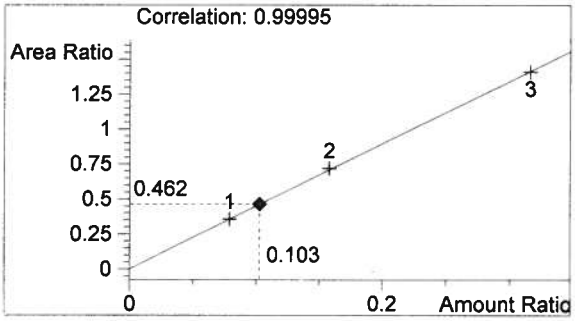
ESS 11038-2
Naziha Nuwayhid, PhD

vial # 11

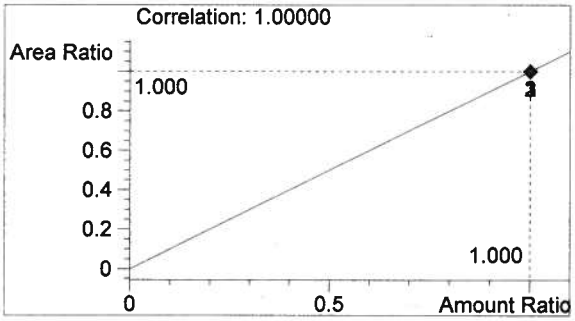


#	Compound	Area	RT
1	ETHANOL	782	1.065
2	n-PROPANOL	1691	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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NN 9.16.11

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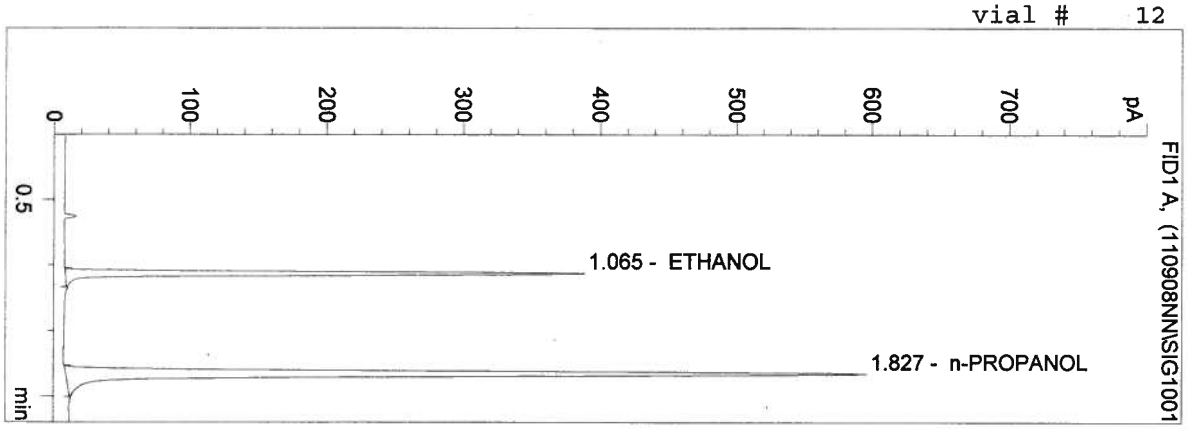
Instrument 3
DB-ALC2

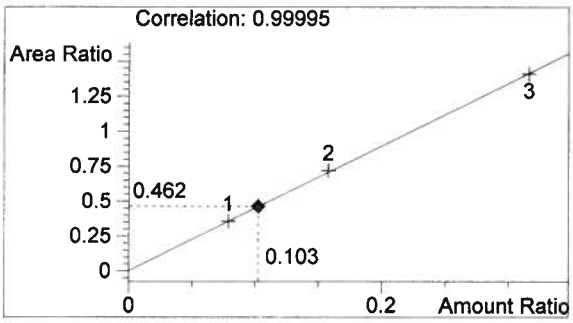
ESS 11038-3
Naziha Nuwayhid, PhD

vial # 12

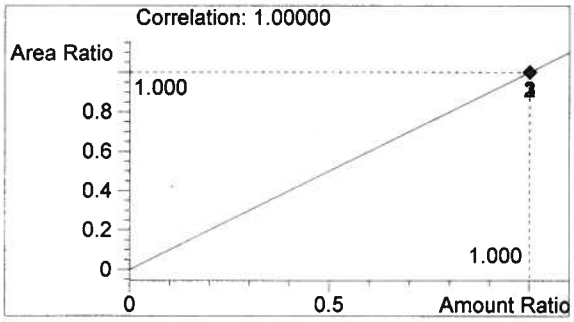


#	Compound	Area	RT
1	ETHANOL	763	1.065
2	n-PROPANOL	1650	1.827

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

NN 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

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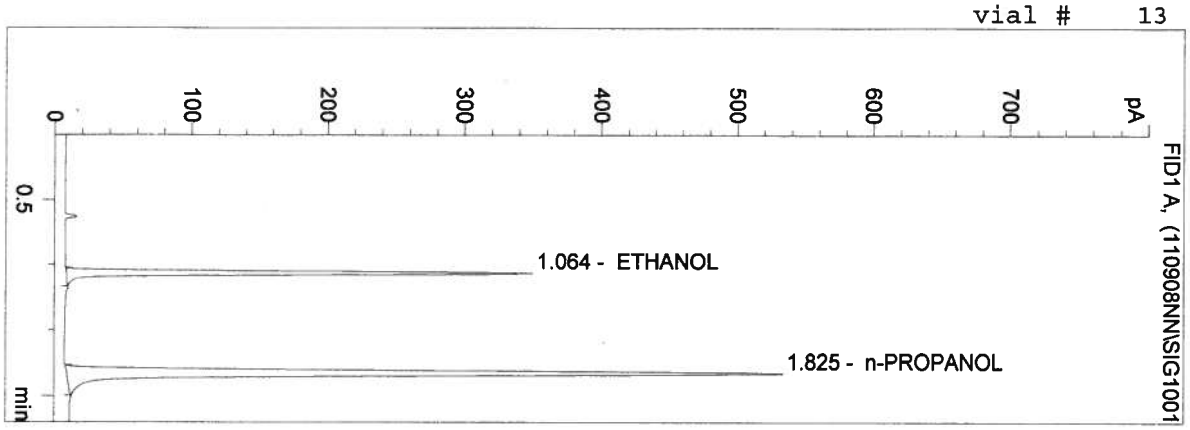
Instrument 3
DB-ALC2

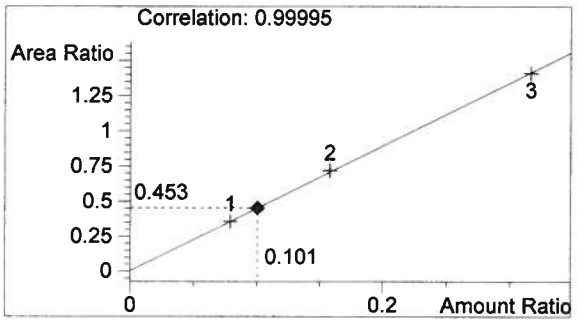
ESS 11038-4
Naziha Nuwayhid, PhD

vial # 13

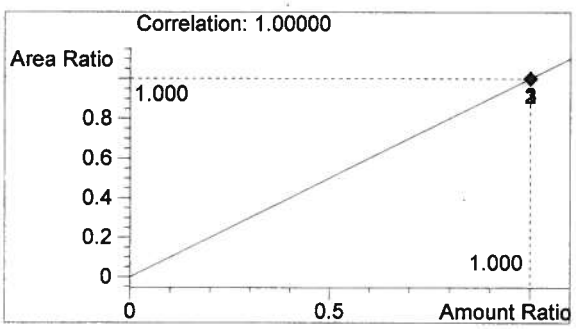


#	Compound	Area	RT
1	ETHANOL	664	1.064
2	n-PROPANOL	1466	1.825

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

NN 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

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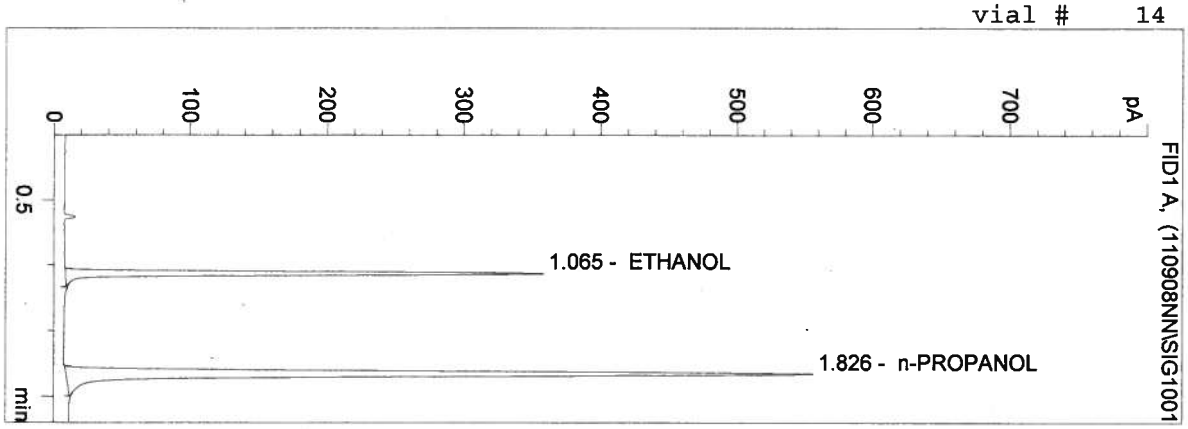
Instrument 3
DB-ALC2

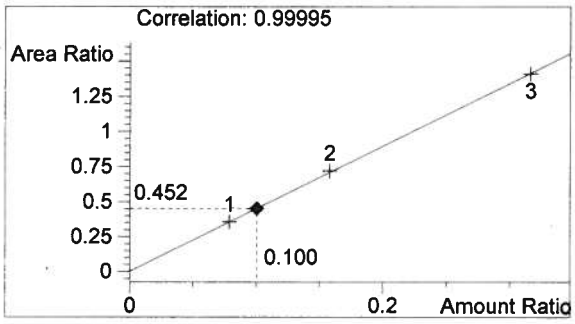
ESS 11038-5
Naziha Nuwayhid, PhD

vial # 14

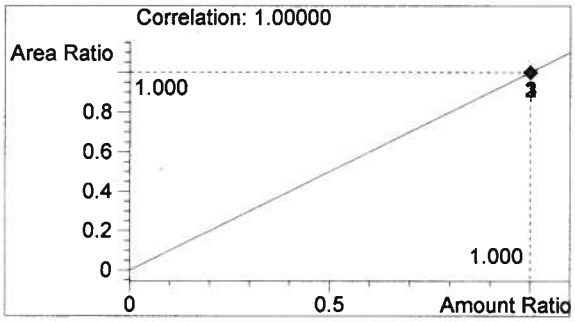


#	Compound	Area	RT
1	ETHANOL	696	1.065
2	n-PROPANOL	1538	1.826

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

NN 9.16.11

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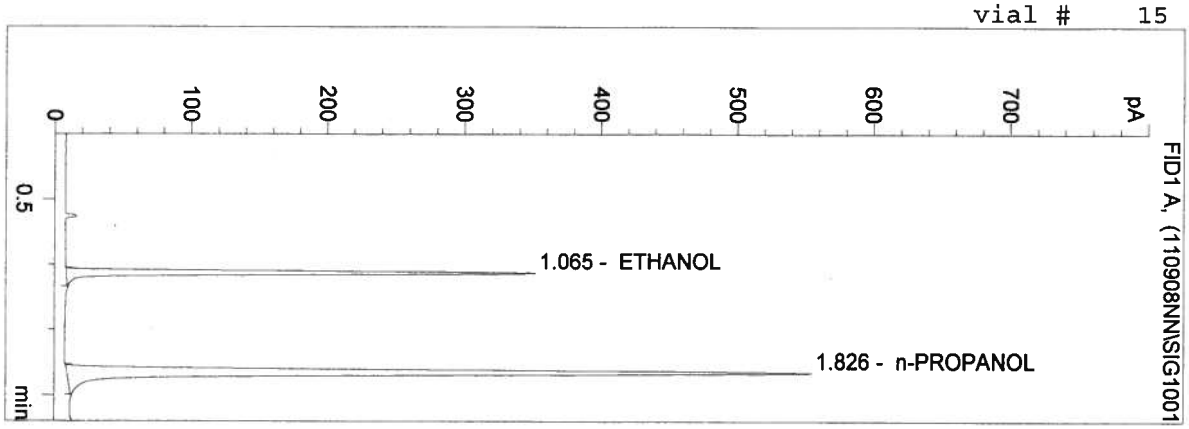
Instrument 3
DB-ALC2

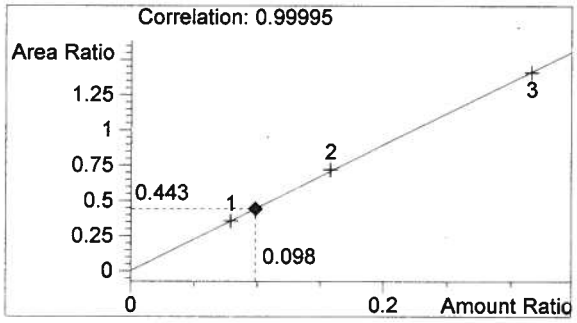
0.10 CTL-NN
Naziha Nuwayhid, PhD

vial # 15

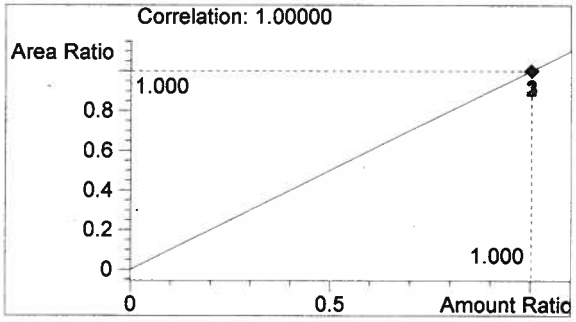


#	Compound	Area	RT
1	ETHANOL	676	1.065
2	n-PROPANOL	1527	1.826

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

E 1 1 0 3 8

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NN 9.16.11

WASHINGTON STATE TOXICOLOGY LABORATORY

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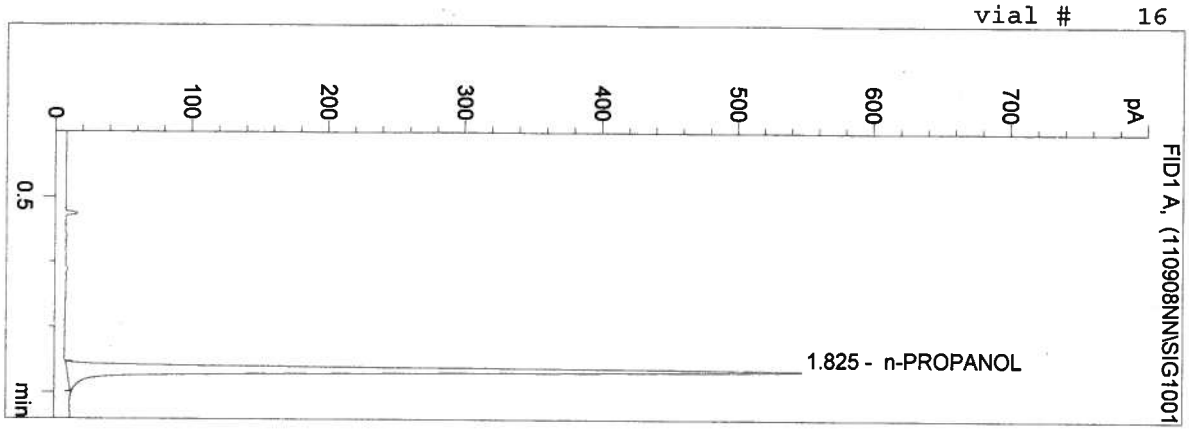
Instrument 3
DB-ALC2

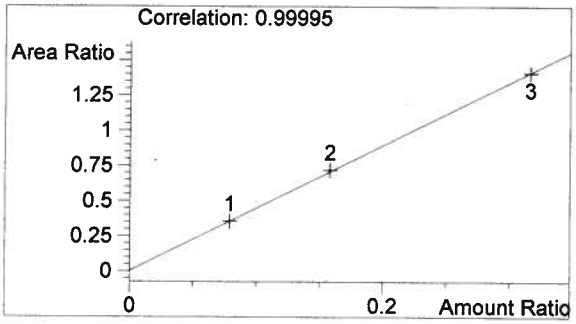
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 16

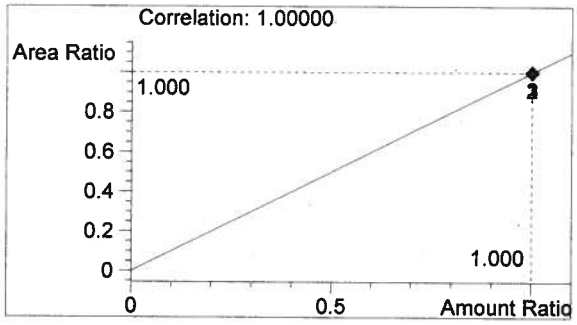


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1511	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

11038

NN 9.16.11

Sequence: C:\HPCHEM\2\SEQUENCE\JKEXSTD3.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\2\DATA\
Data Subdirectory:	110909JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A075264 - Exp. 10/2014
0.10 Control - Lot #A075806 - Exp. 11/2014
0.20 Control - Lot #A076521 - Exp. 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
10	Vial 10	11038-1	SIMALC3	1	Sample		
11	Vial 11	11038-2	SIMALC3	1	Sample		
12	Vial 12	11038-3	SIMALC3	1	Sample		
13	Vial 13	11038-4	SIMALC3	1	Sample		
14	Vial 14	11038-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC3	3	Replace	Replace	

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Sequence Table (Back Injector):

No entries - empty table!

JK

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JK

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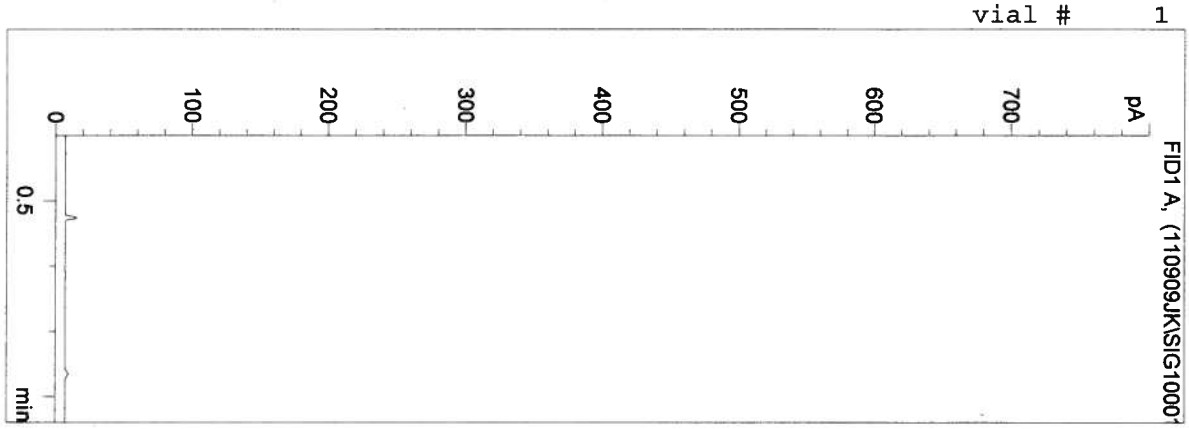
C:\HPCHEM\2\METHODS\SIMALC3.M
9/9/2011 3:59:01 PM
Instrument 3
DB-ALC2

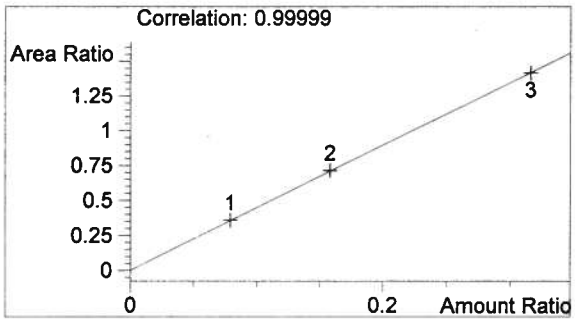
BLANK
Justin Knoy

vial # 1

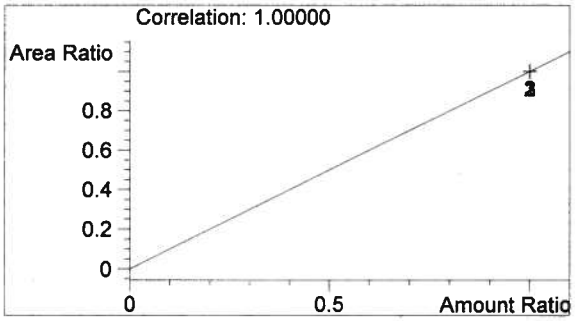


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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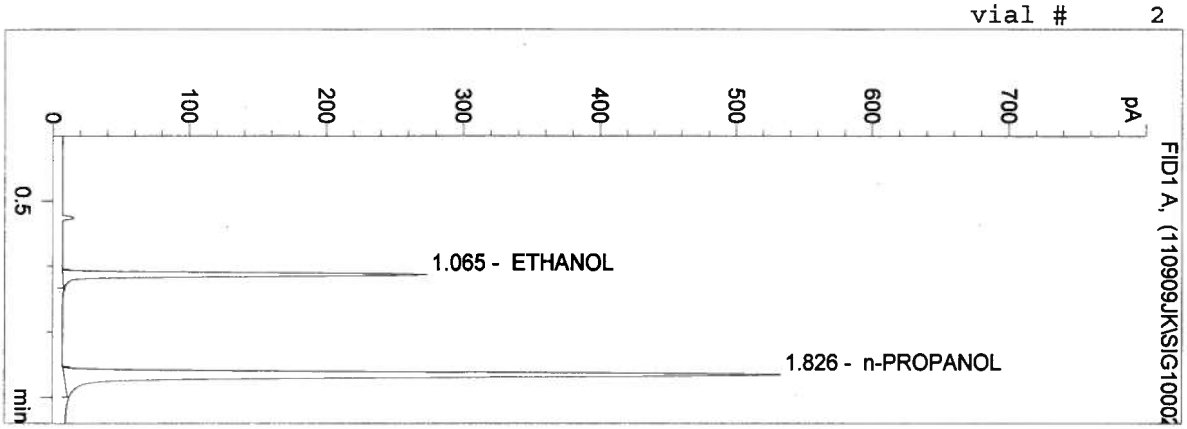
9/9/2011 4:02:08 PM
Instrument 3
DB-ALC2

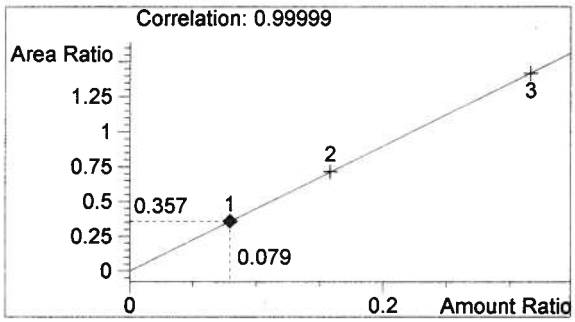
0.079 CAL
Justin Knoy

vial # 2

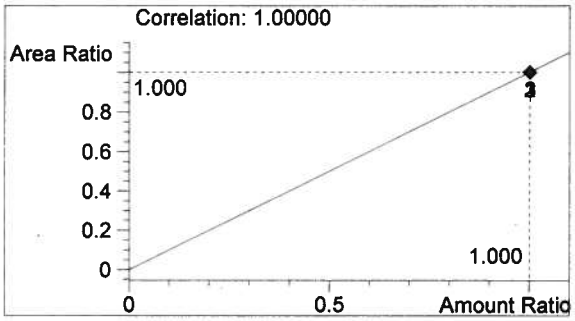


#	Compound	Area	RT
1	ETHANOL	526	1.065
2	n-PROPANOL	1473	1.826

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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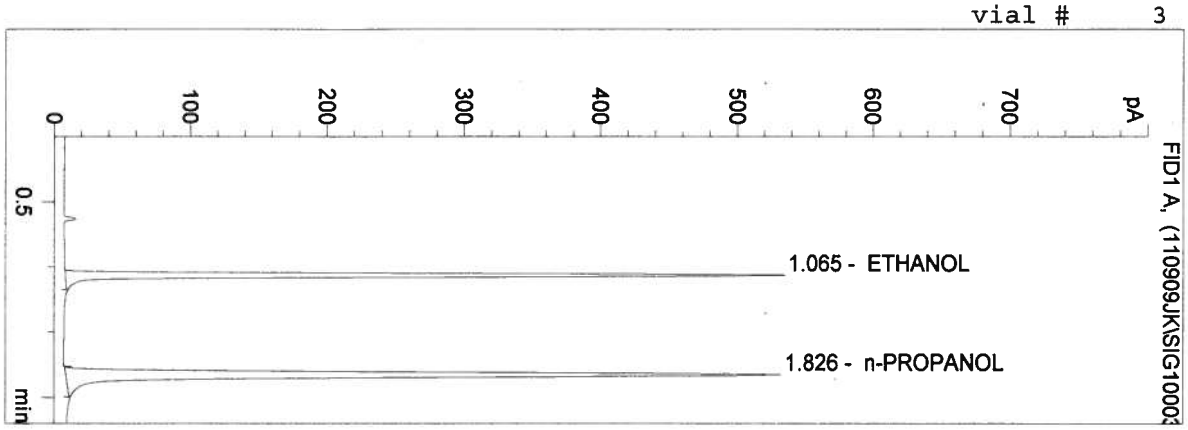
Instrument 3
DB-ALC2

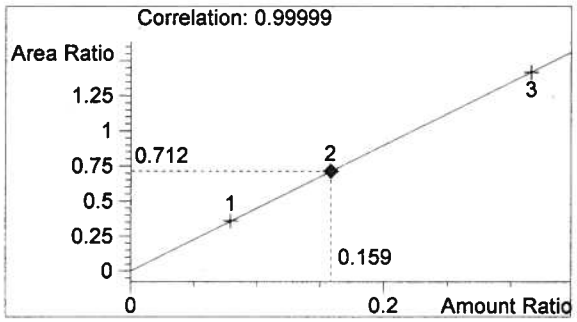
0.158 CAL
Justin Knoy

vial # 3

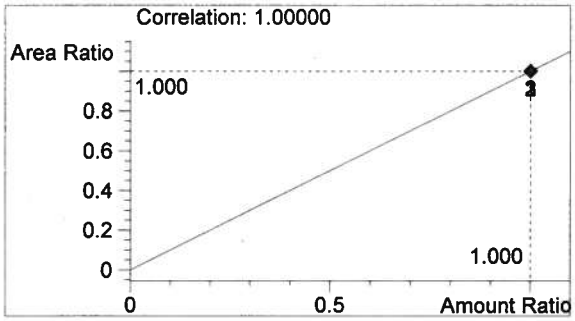


#	Compound	Area	RT
1	ETHANOL	1047	1.065
2	n-PROPANOL	1470	1.826

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

11038

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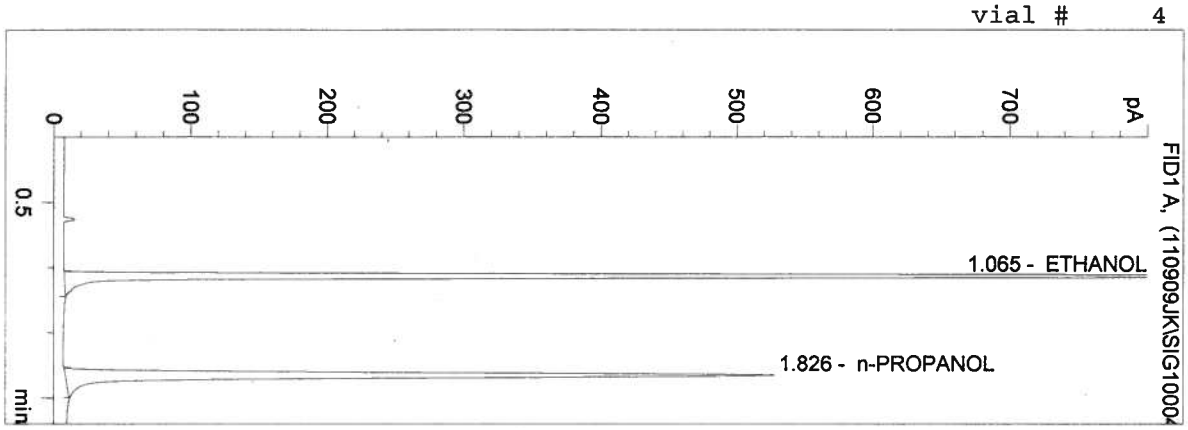
9/9/2011 4:08:22 PM
Instrument 3
DB-ALC2

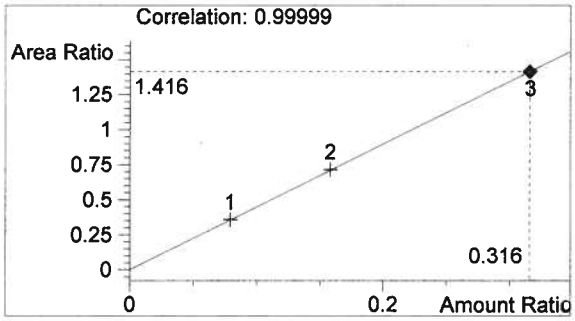
0.316 CAL
Justin Knoy

vial # 4

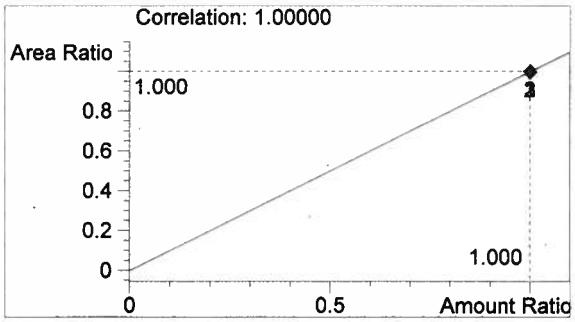


#	Compound	Area	RT
1	ETHANOL	2066	1.065
2	n-PROPANOL	1458	1.826

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

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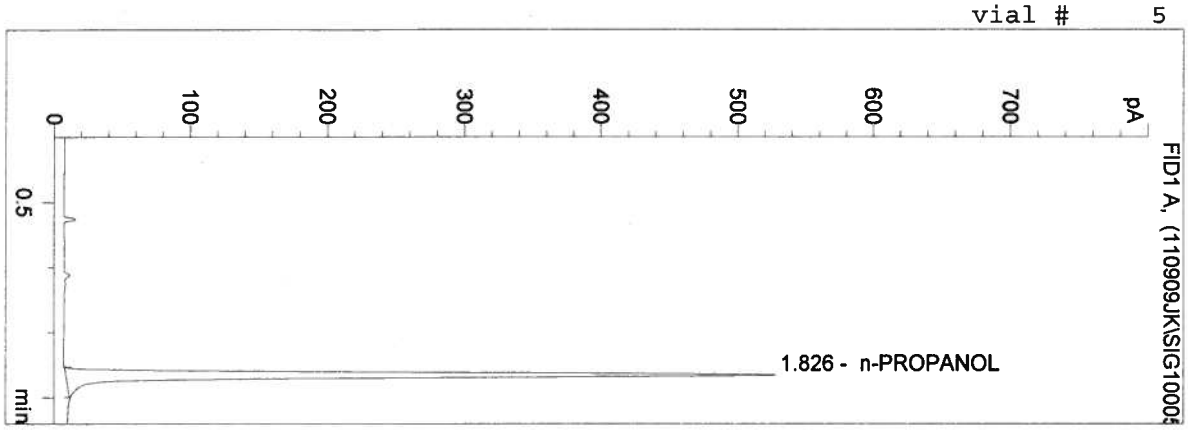
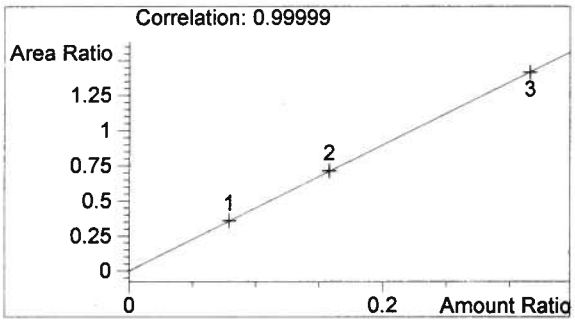
Instrument 3
DB-ALC2

NEG CTRL JK
Justin Knoy

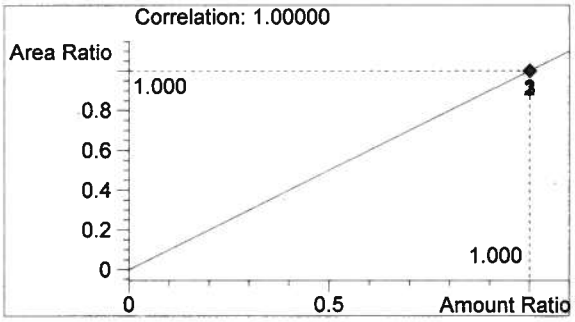
vial # 5



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1461	1.826
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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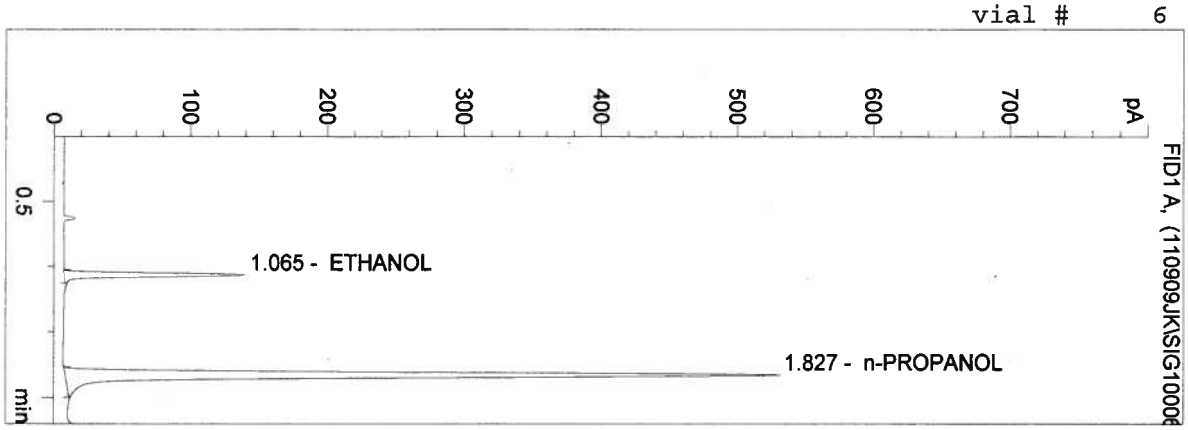
Instrument 3
DB-ALC2

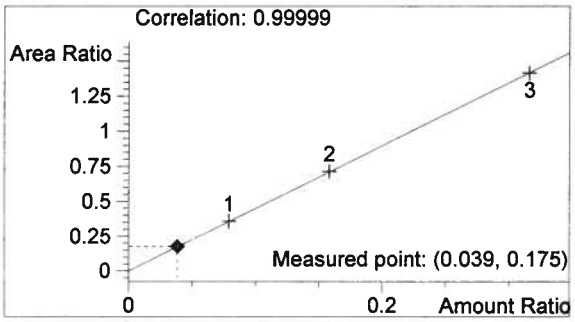
0.04 CTRL JK
Justin Knoy

vial # 6

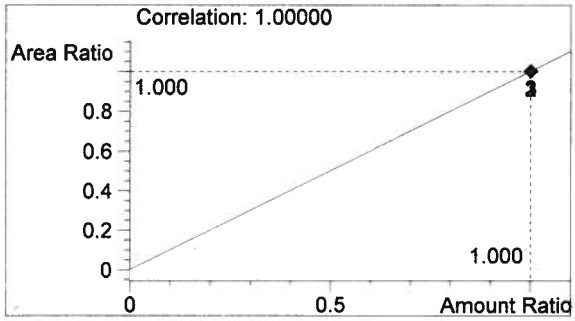


#	Compound	Area	RT
1	ETHANOL	257	1.065
2	n-PROPANOL	1470	1.827

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

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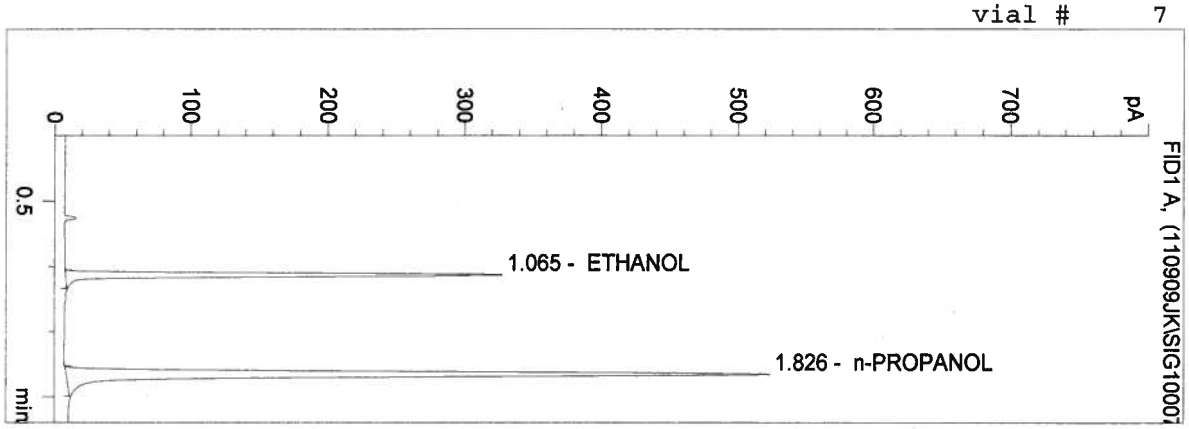
Instrument 3
DB-ALC2

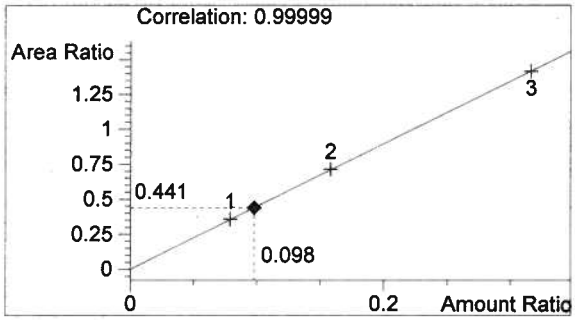
0.10 CTRL JK
Justin Knoy

vial # 7

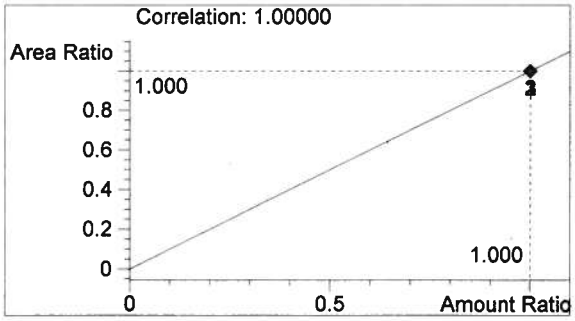


#	Compound	Area	RT
1	ETHANOL	638	1.065
2	n-PROPANOL	1448	1.826

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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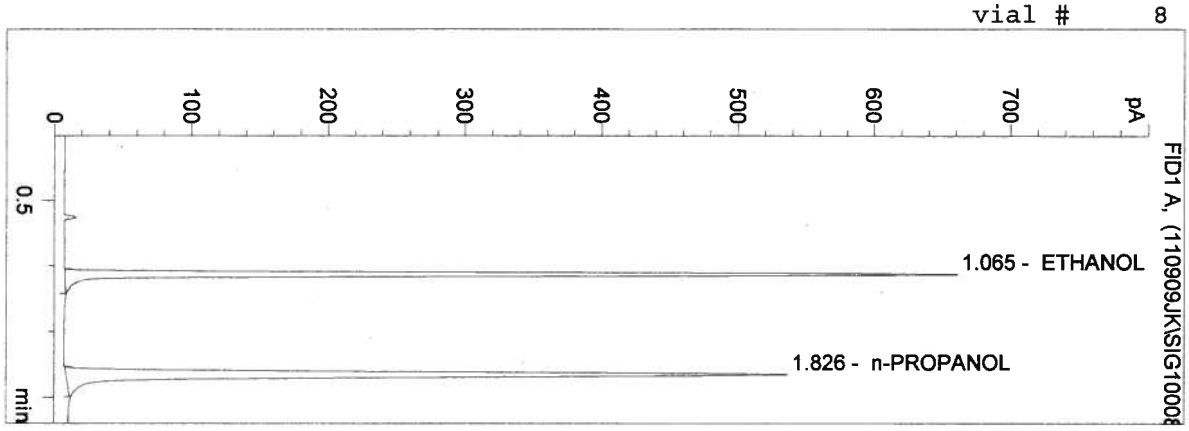
Instrument 3
DB-ALC2

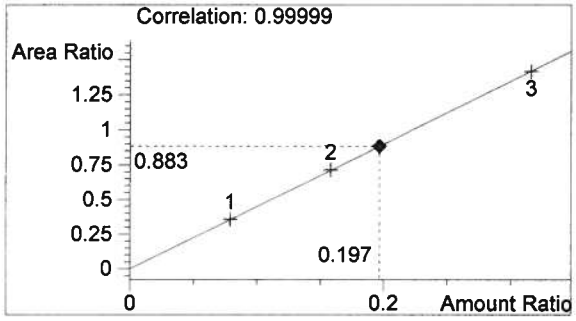
0.20 CTRL JK
Justin Knoy

vial # 8

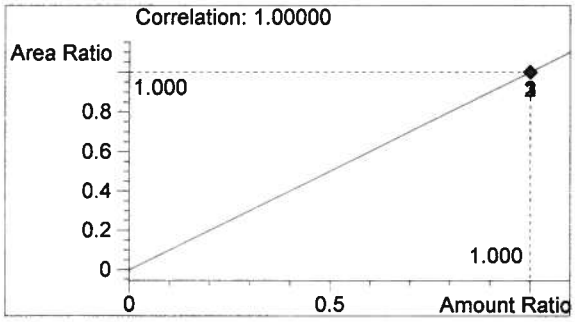


#	Compound	Area	RT
1	ETHANOL	1313	1.065
2	n-PROPANOL	1487	1.826

Totals:



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

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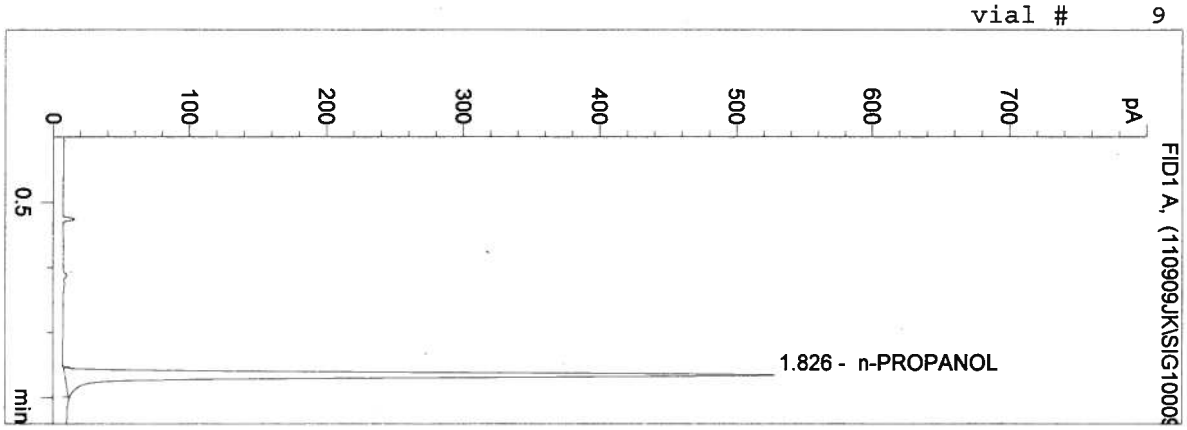
9/9/2011 4:23:58 PM
Instrument 3
DB-ALC2

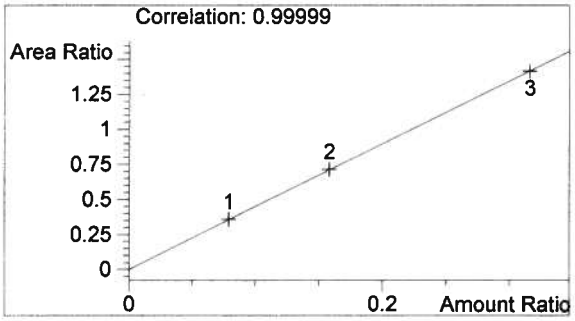
NEG CTRL JK
Justin Knoy

vial # 9

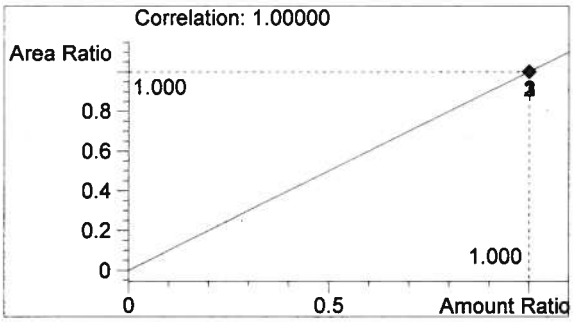


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1463	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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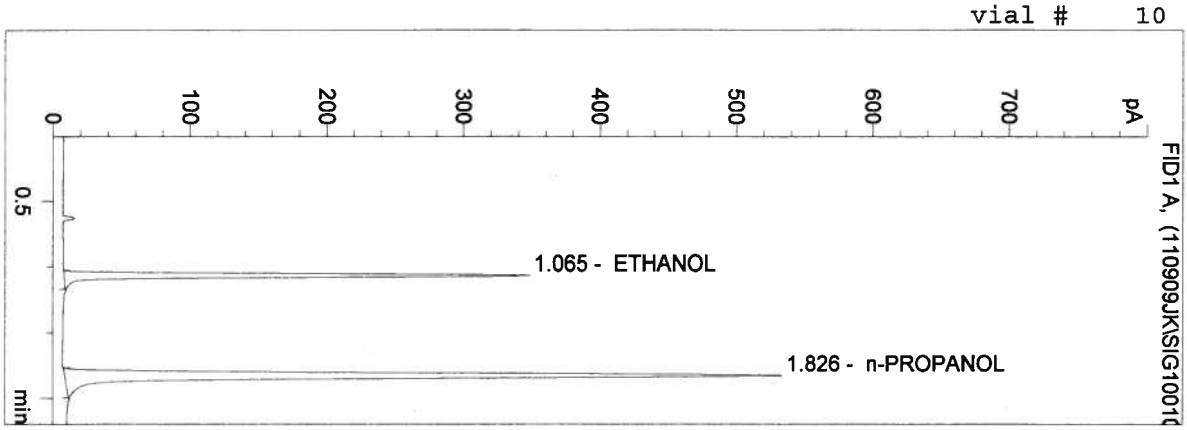
Instrument 3
DB-ALC2

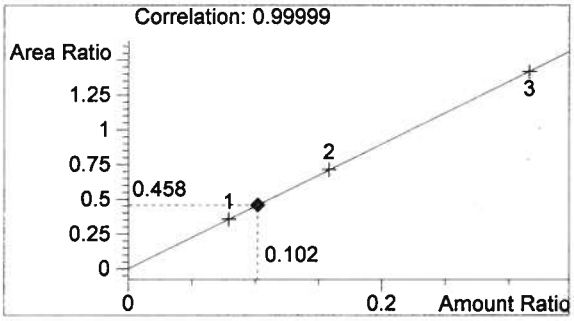
11038-1
Justin Knoy

vial # 10

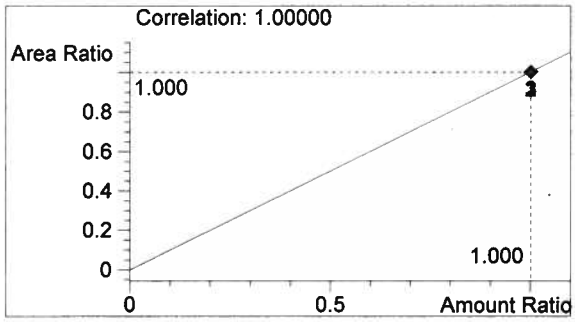


#	Compound	Area	RT
1	ETHANOL	678	1.065
2	n-PROPANOL	1479	1.826

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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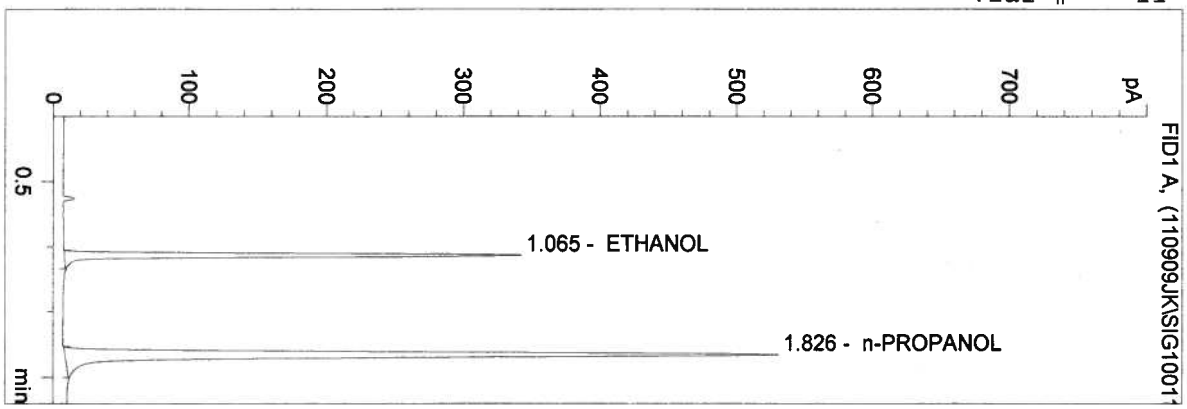
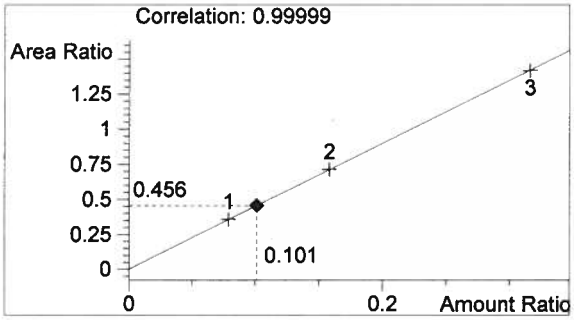
Instrument 3
DB-ALC2

11038-2
Justin Knoy

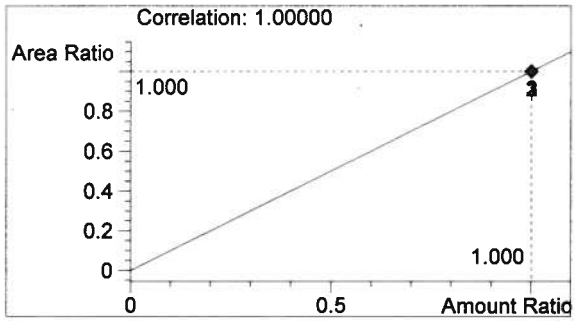
vial # 11



#	Compound	Area	RT
1	ETHANOL	673	1.065
2	n-PROPANOL	1476	1.826
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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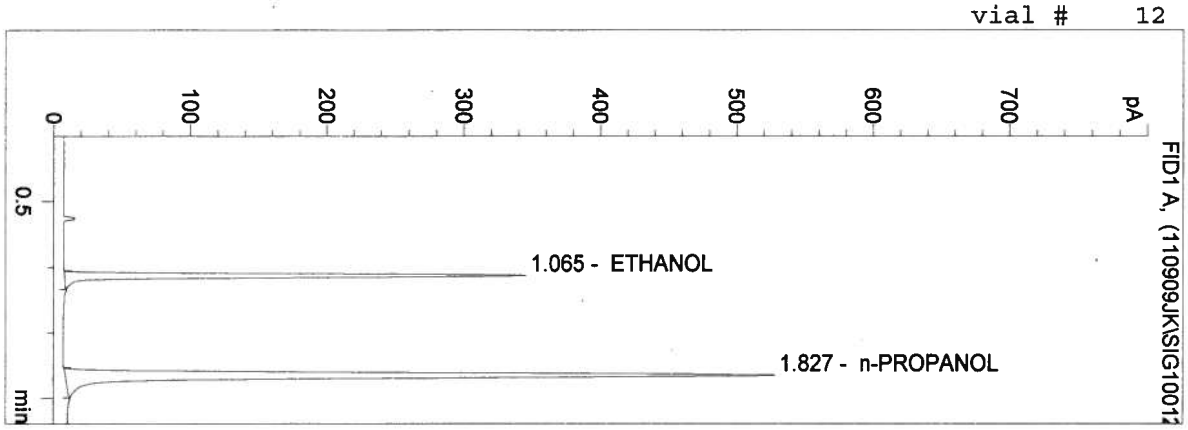
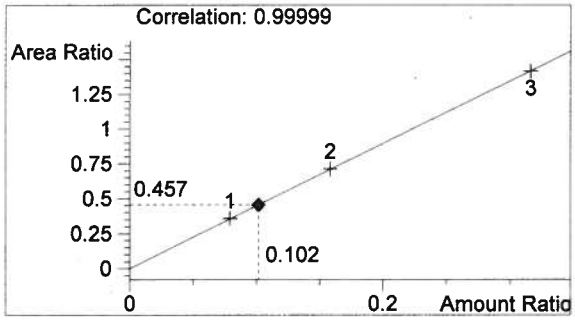
Instrument 3
DB-ALC2

11038-3
Justin Knoy

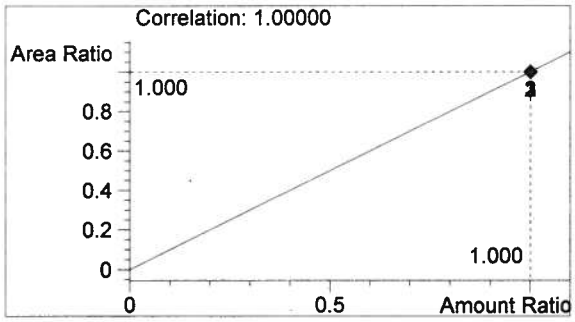
vial # 12



#	Compound	Area	RT
1	ETHANOL	667	1.065
2	n-PROPANOL	1460	1.827
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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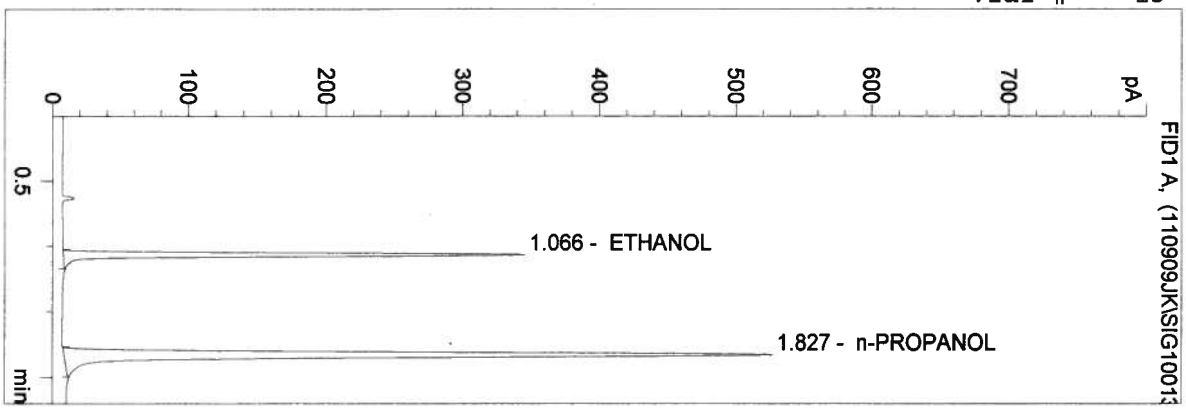
Instrument 3
DB-ALC2

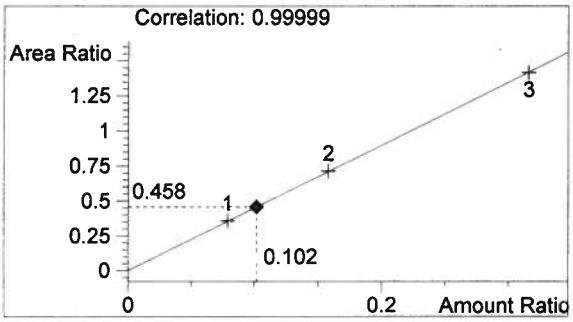
11038-4
Justin Knoy

vial # 13

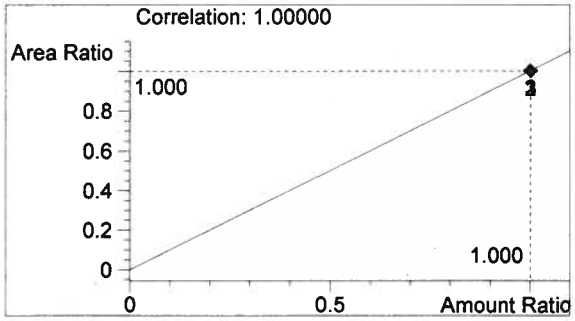


#	Compound	Area	RT
1	ETHANOL	667	1.066
2	n-PROPANOL	1458	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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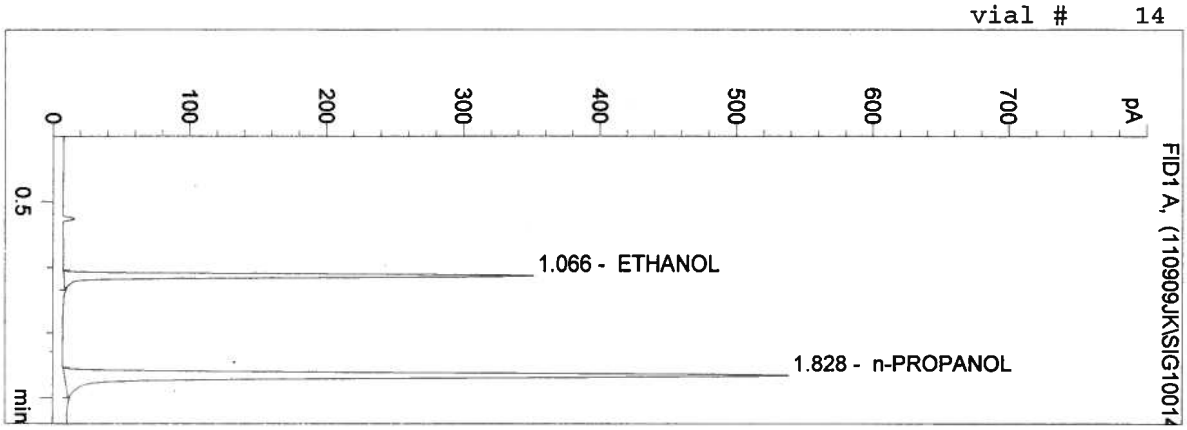
Instrument 3
DB-ALC2

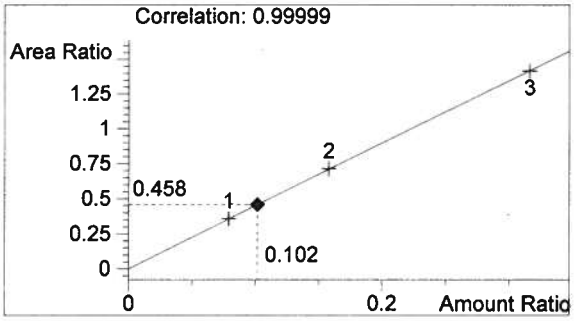
11038-5
Justin Knoy

vial # 14

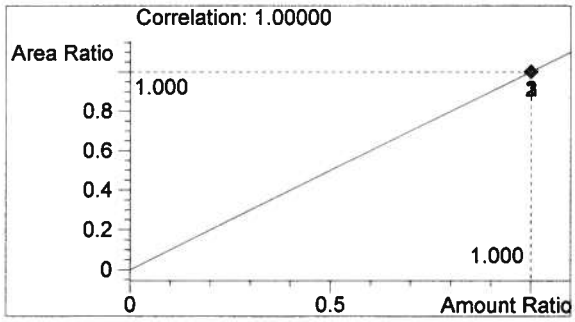


#	Compound	Area	RT
1	ETHANOL	683	1.066
2	n-PROPANOL	1490	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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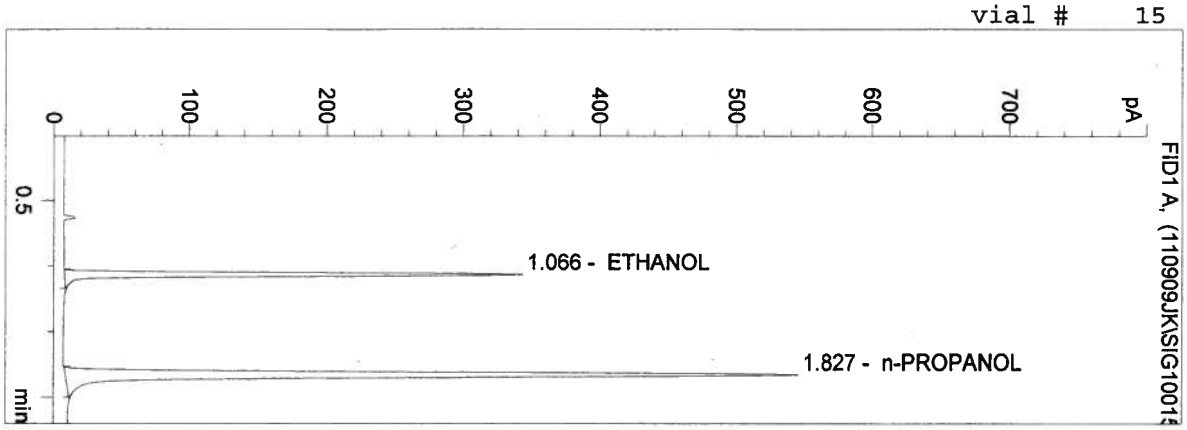
Instrument 3
DB-ALC2

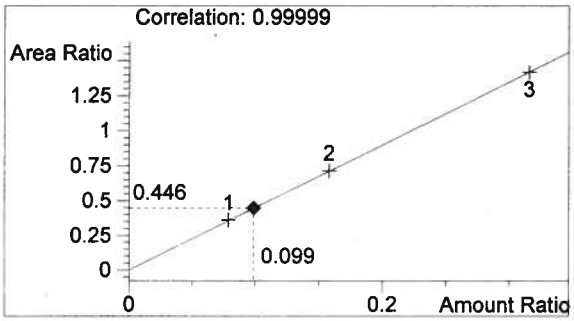
0.10 CTRL JK
Justin Knoy

vial # 15

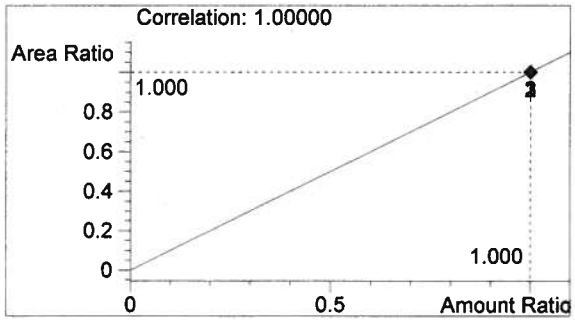


#	Compound	Area	RT
1	ETHANOL	672	1.066
2	n-PROPANOL	1508	1.827

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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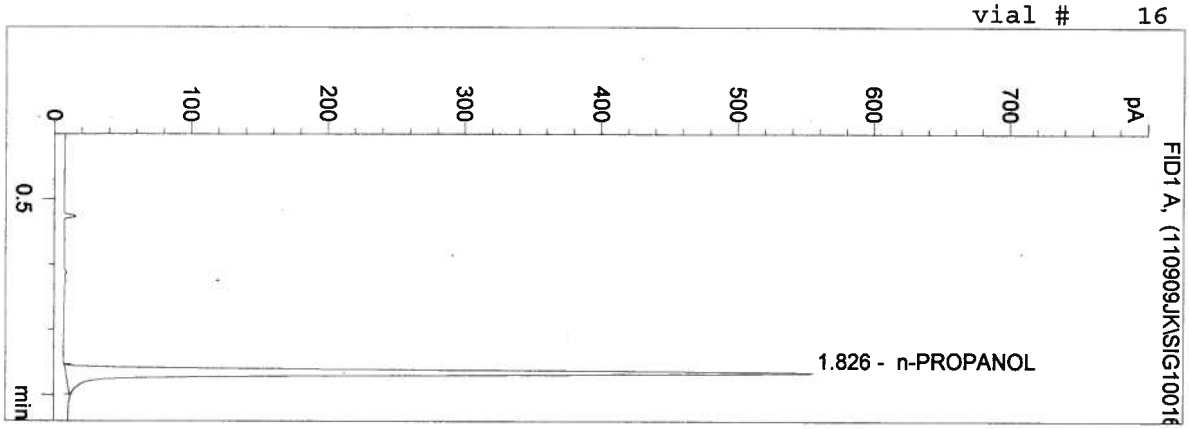
Instrument 3
DB-ALC2

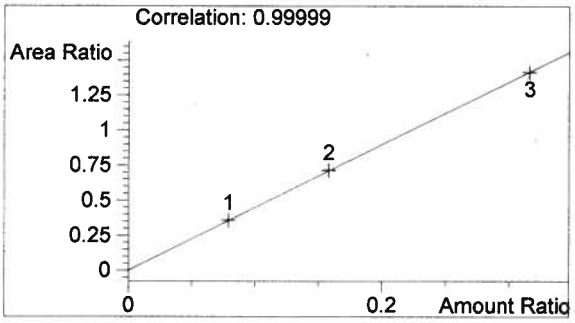
NEG CTRL JK
Justin Knoy

vial # 16

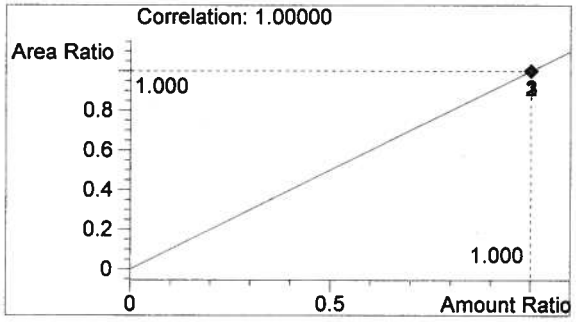


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1532	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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Sequence Parameters:

Operator:	Dawn Cox
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	110912D1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-DC	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-DC	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-DC	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-DC	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-DC	SIMALC3	1	Ctrl Samp		
10	Vial 10	11038 #1	SIMALC3	1	Sample		
11	Vial 11	11038 #2	SIMALC3	1	Sample		
12	Vial 12	11038 #3	SIMALC3	1	Sample		
13	Vial 13	11038 #4	SIMALC3	1	Sample		
14	Vial 14	11038 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-DC	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-DC	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

11038

Sequence Table (Back Injector):

No entries - empty table!

DC

11038

DC

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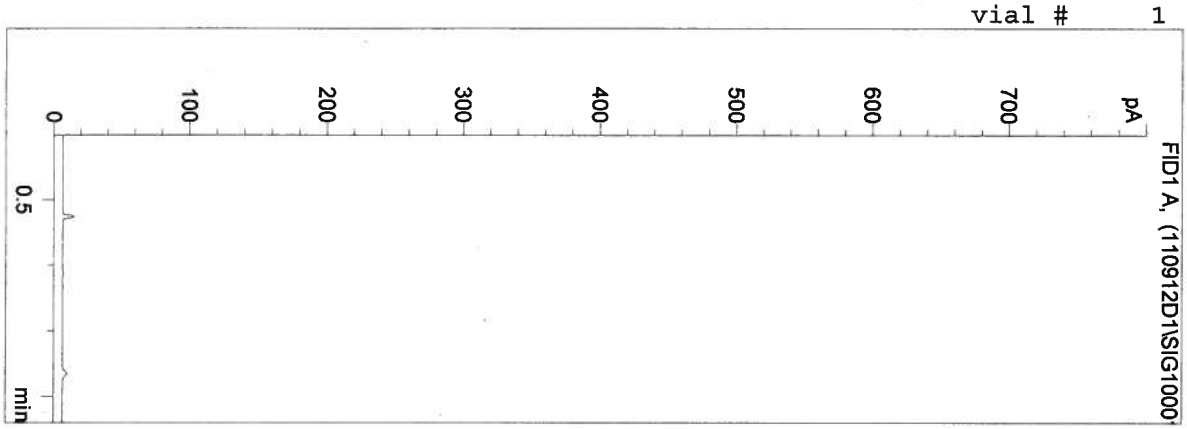
C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 12:30:51 PM
Instrument 3
DB-ALC2

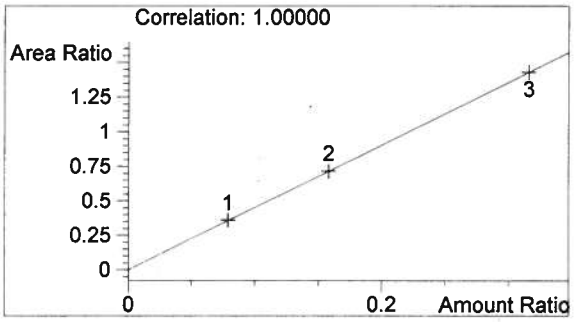
BLANK
Dawn Cox

vial # 1

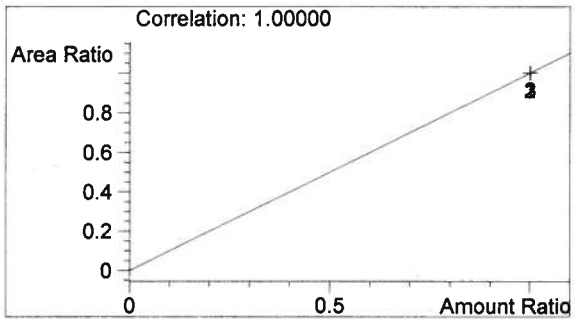


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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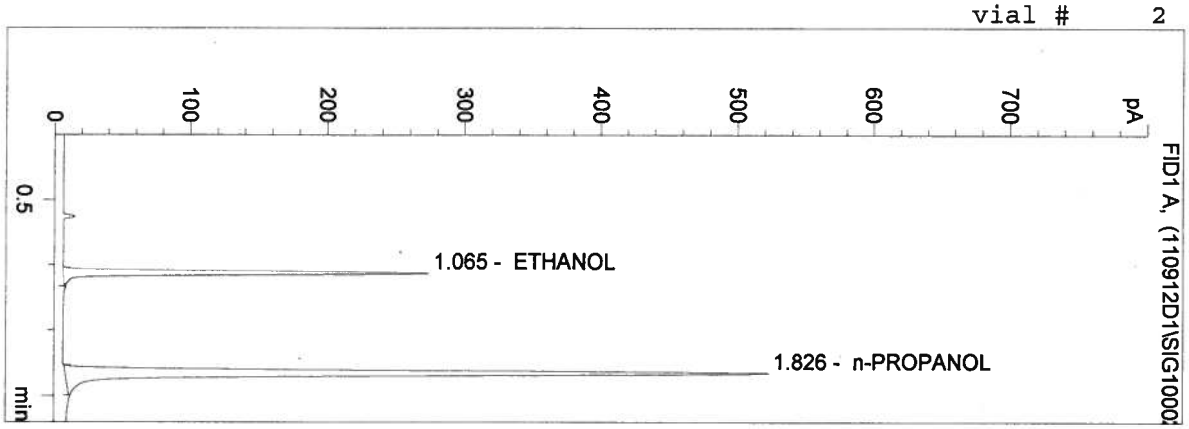
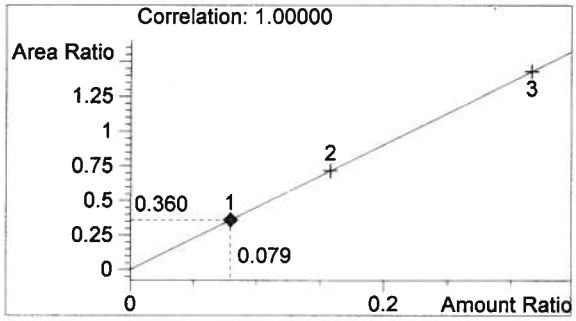
Instrument 3
DB-ALC2

0.079 CAL 1
Dawn Cox

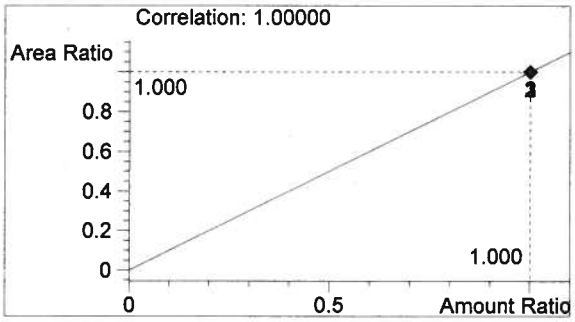
vial # 2



#	Compound	Area	RT
1	ETHANOL	518	1.065
2	n-PROPANOL	1437	1.826
Totals:			



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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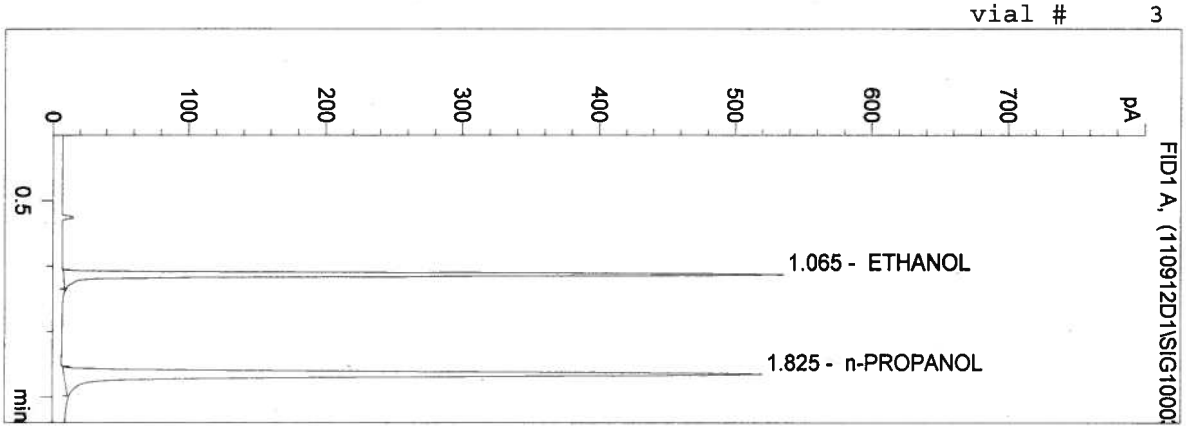
Instrument 3
DB-ALC2

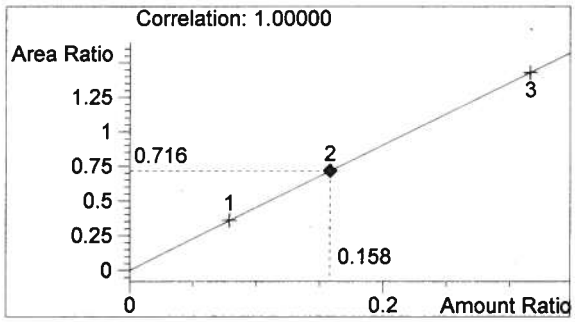
0.158 CAL 2
Dawn Cox

vial # 3

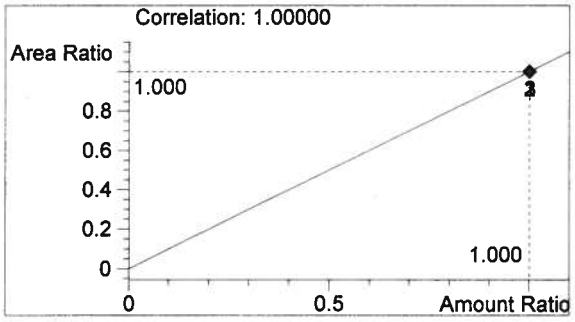


#	Compound	Area	RT
1	ETHANOL	1022	1.065
2	n-PROPANOL	1427	1.825

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

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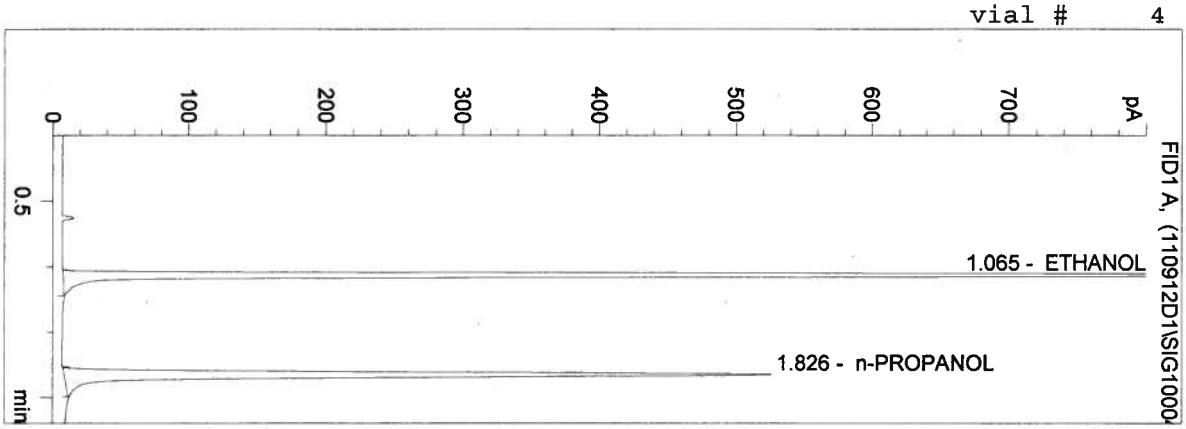
Instrument 3
DB-ALC2

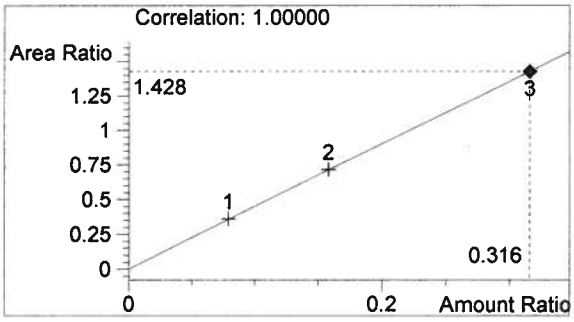
0.316 CAL 3
Dawn Cox

vial # 4

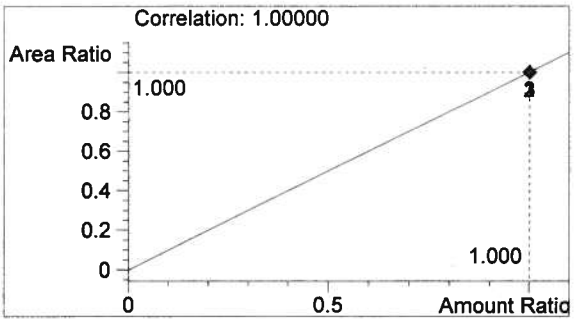


#	Compound	Area	RT
1	ETHANOL	2073	1.065
2	n-PROPANOL	1452	1.826

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

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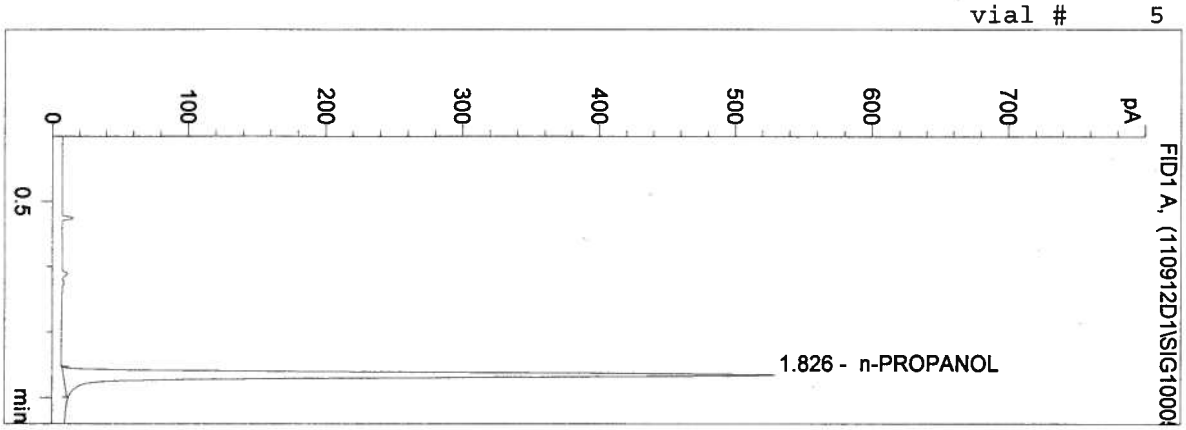
Instrument 3
DB-ALC2

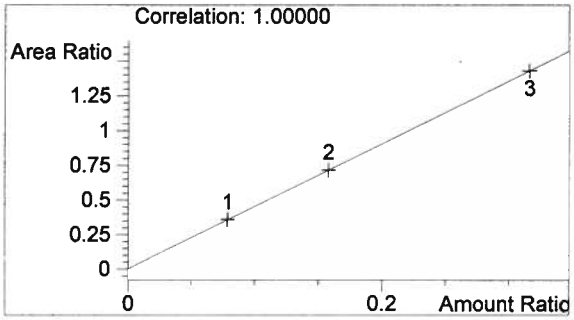
NEG CTRL-DC
Dawn Cox

vial # 5

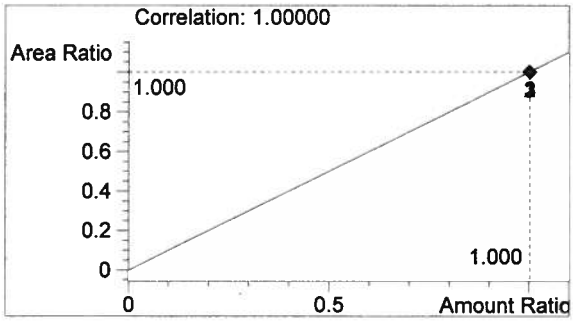


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1461	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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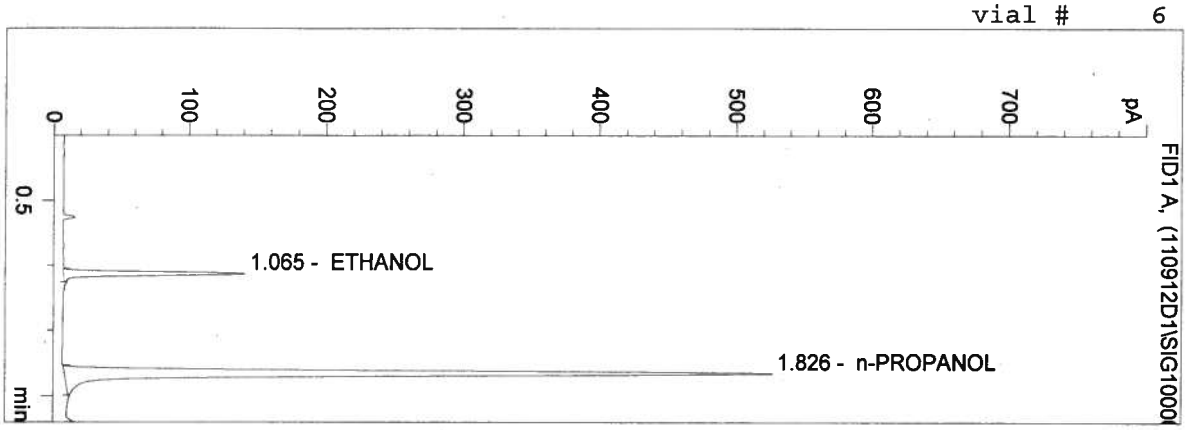
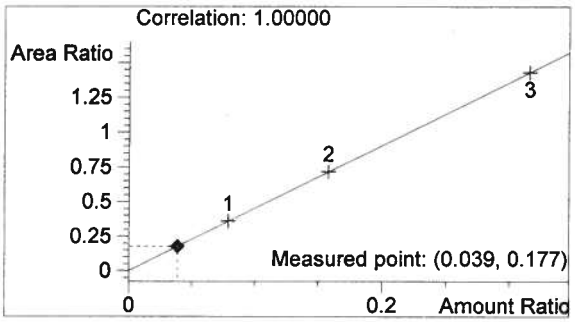
Instrument 3
DB-ALC2

0.04 CTRL-DC
Dawn Cox

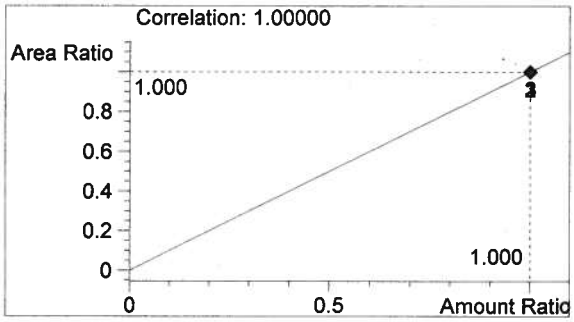
vial # 6



#	Compound	Area	RT
1	ETHANOL	258	1.065
2	n-PROPANOL	1457	1.826
Totals:			



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

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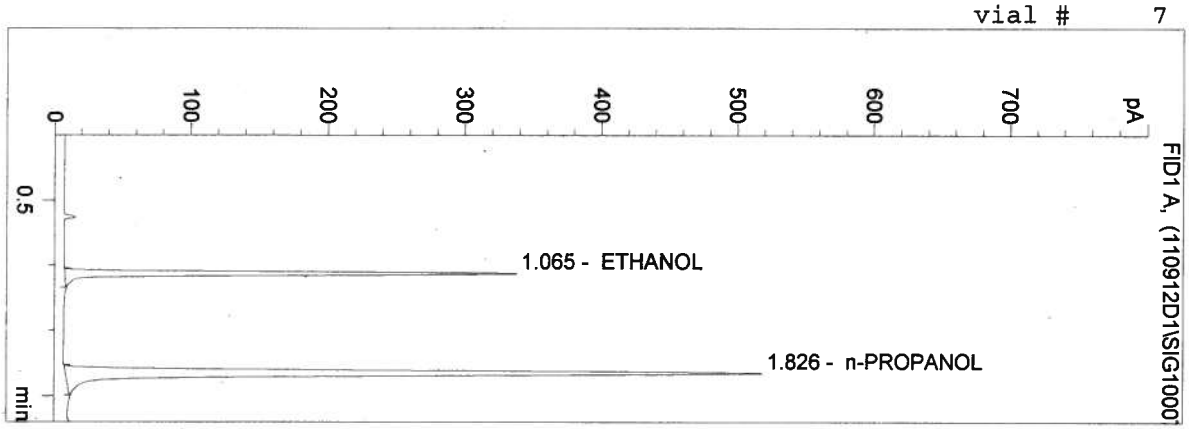
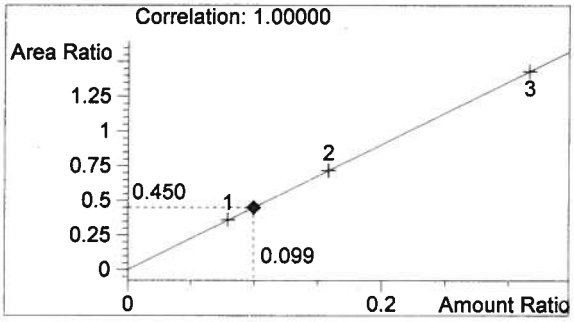
Instrument 3
DB-ALC2

0.10 CTRL-DC
Dawn Cox

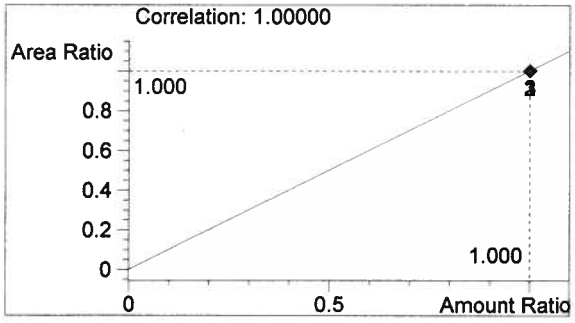
vial # 7



#	Compound	Area	RT
1	ETHANOL	640	1.065
2	n-PROPANOL	1425	1.826
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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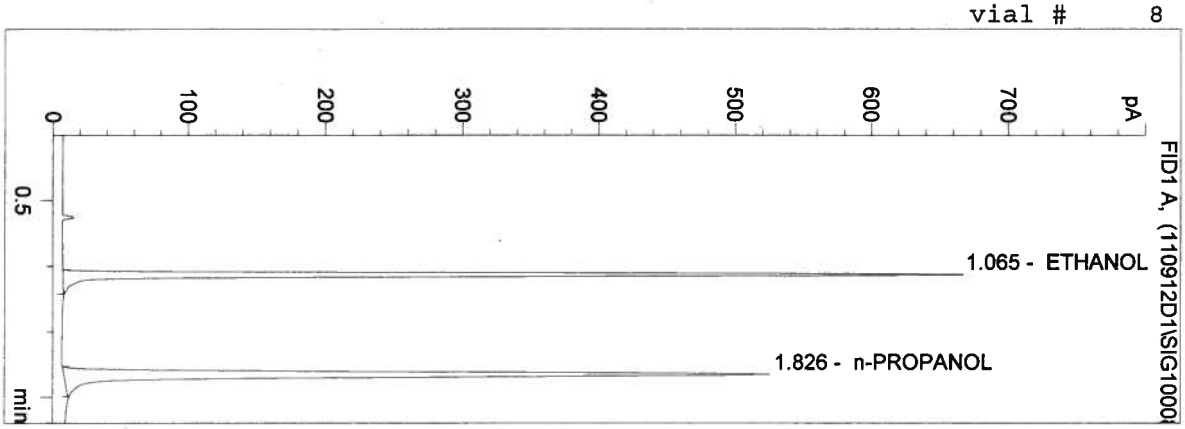
Instrument 3
DB-ALC2

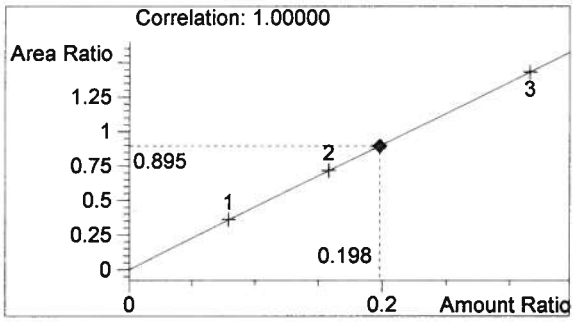
0.20 CTRL-DC
Dawn Cox

vial # 8

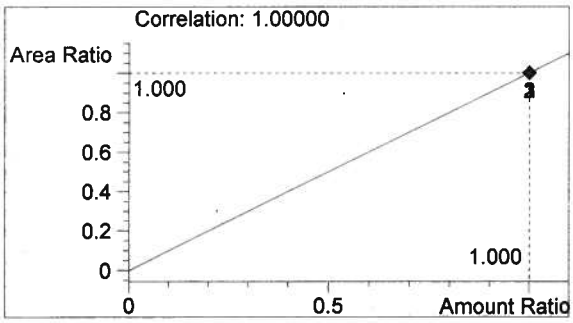


#	Compound	Area	RT
1	ETHANOL	1294	1.065
2	n-PROPANOL	1446	1.826

Totals:



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

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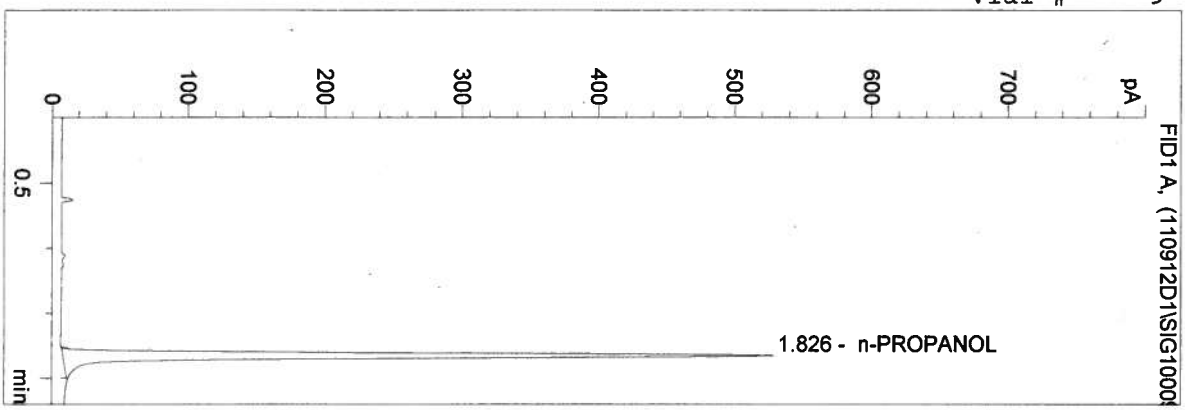
Instrument 3
DB-ALC2

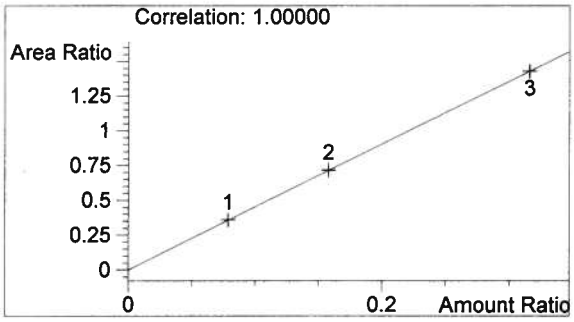
NEG CTRL-DC
Dawn Cox

vial # 9

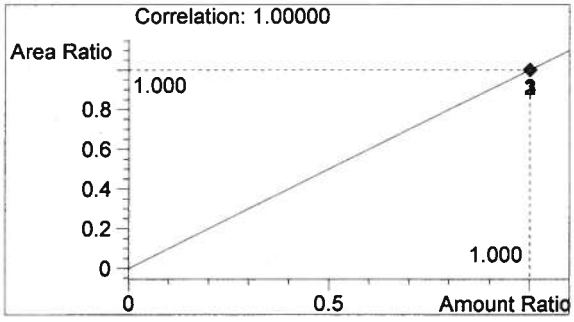


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1463	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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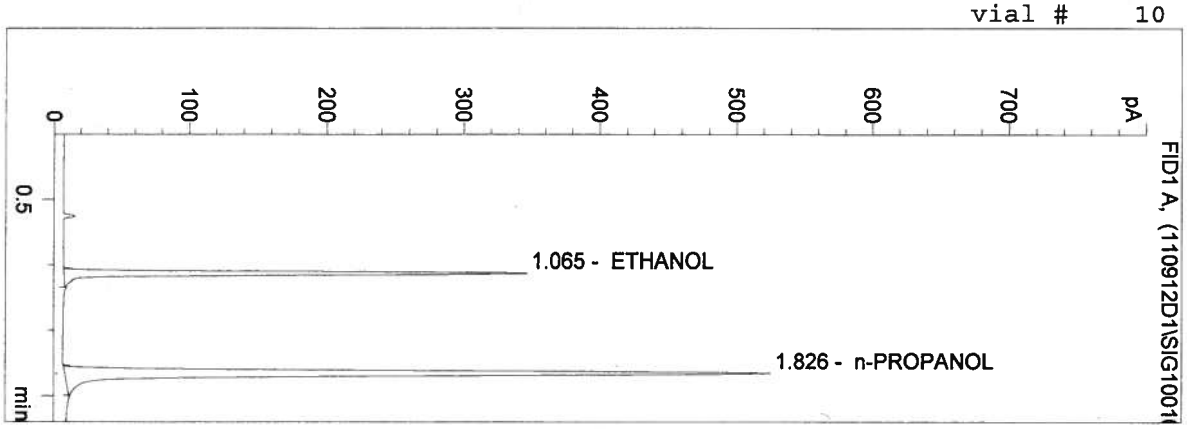
Instrument 3
DB-ALC2

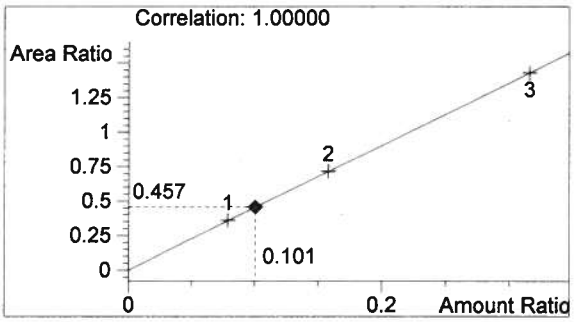
11038 #1
Dawn Cox

vial # 10

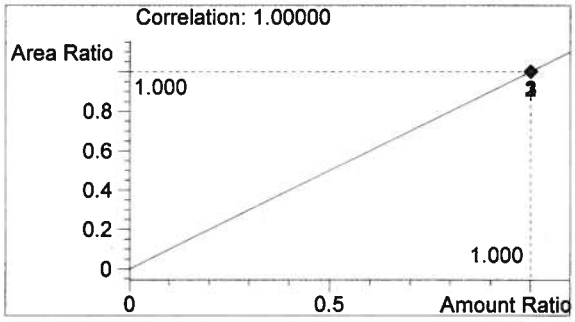


#	Compound	Area	RT
1	ETHANOL	660	1.065
2	n-PROPANOL	1443	1.826

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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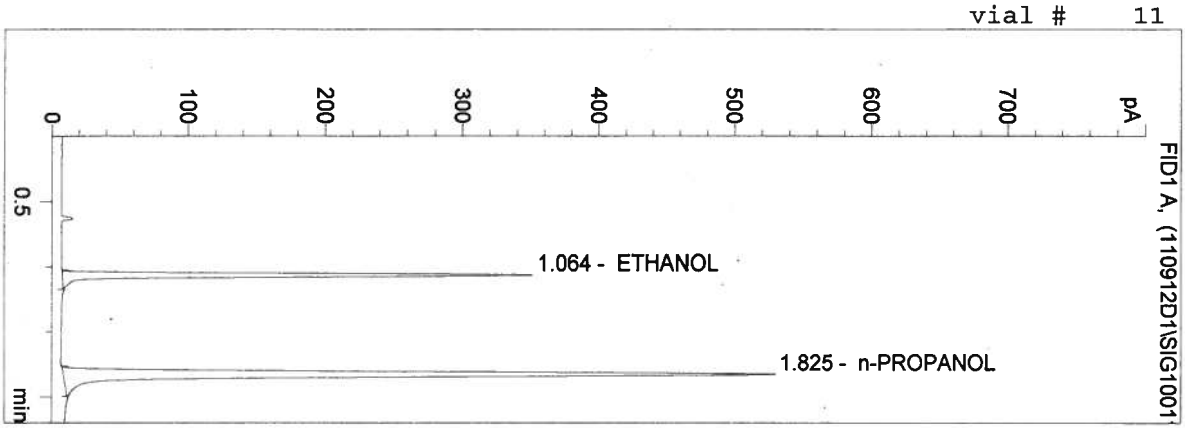
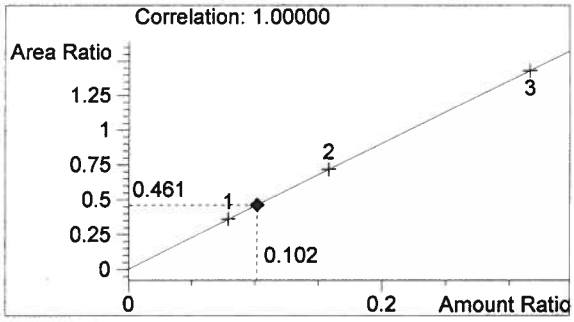
Instrument 3
DB-ALC2

11038 #2
Dawn Cox

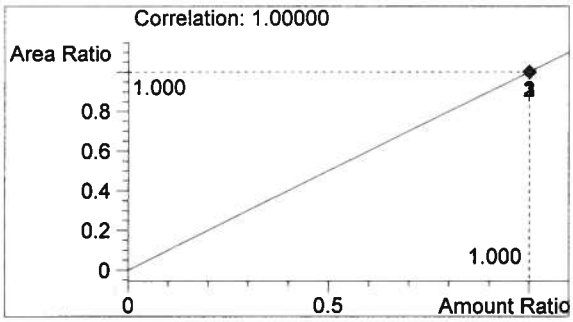
vial # 11



#	Compound	Area	RT
1	ETHANOL	673	1.064
2	n-PROPANOL	1460	1.825
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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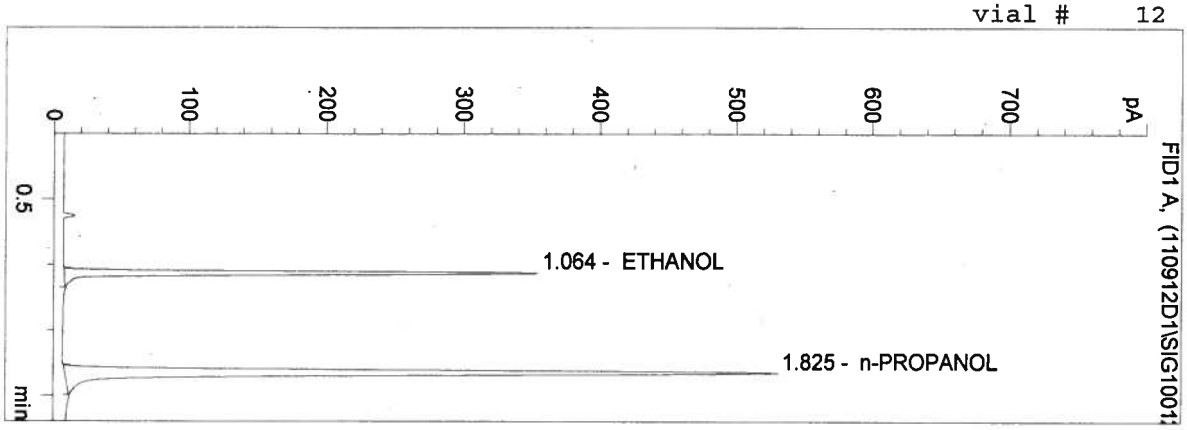
Instrument 3
DB-ALC2

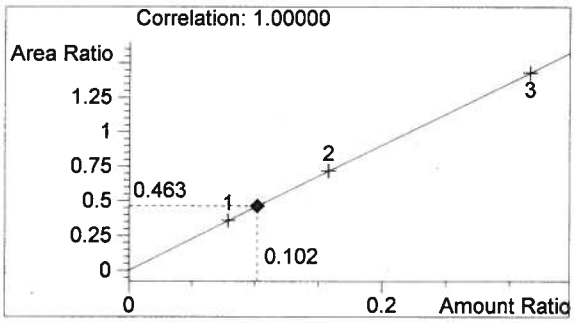
11038 #3
Dawn Cox

vial # 12

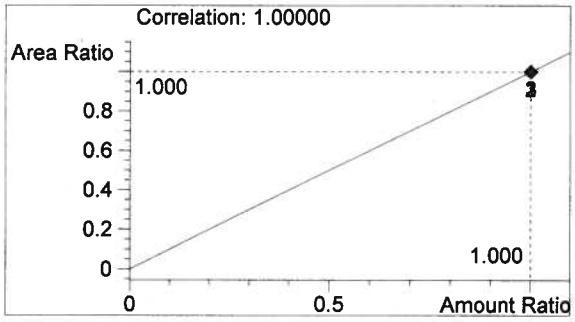


#	Compound	Area	RT
1	ETHANOL	677	1.064
2	n-PROPANOL	1462	1.825

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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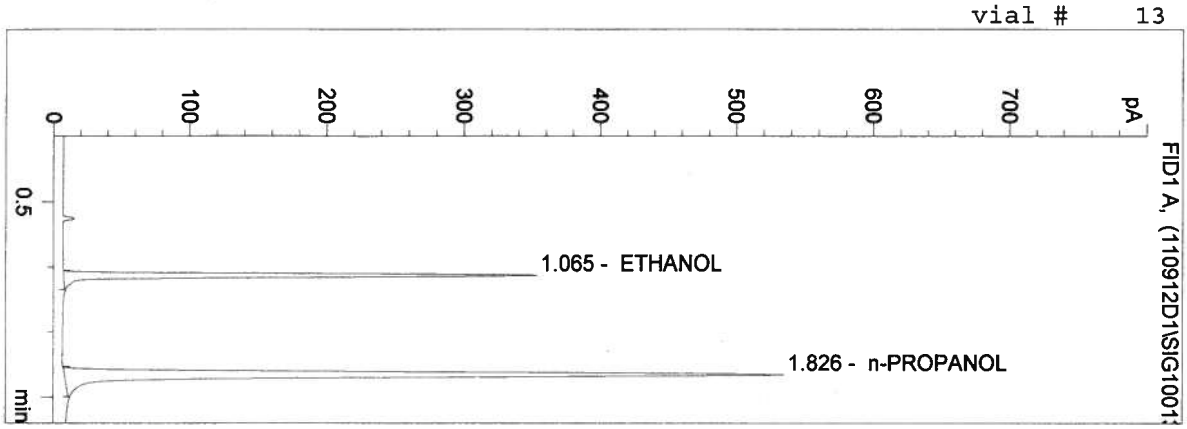
Instrument 3
DB-ALC2

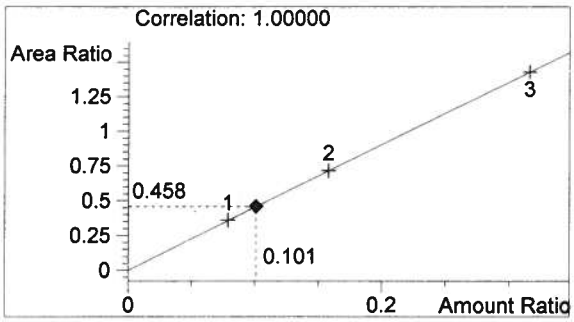
11038 #4
Dawn Cox

vial # 13

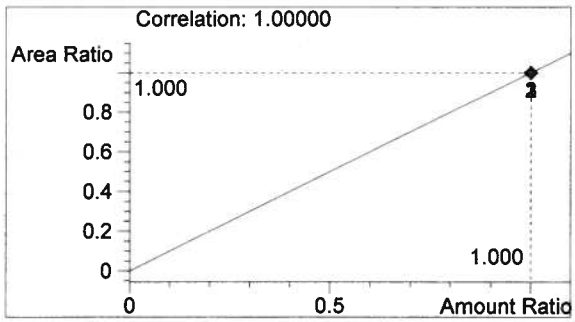


#	Compound	Area	RT
1	ETHANOL	676	1.065
2	n-PROPANOL	1476	1.826

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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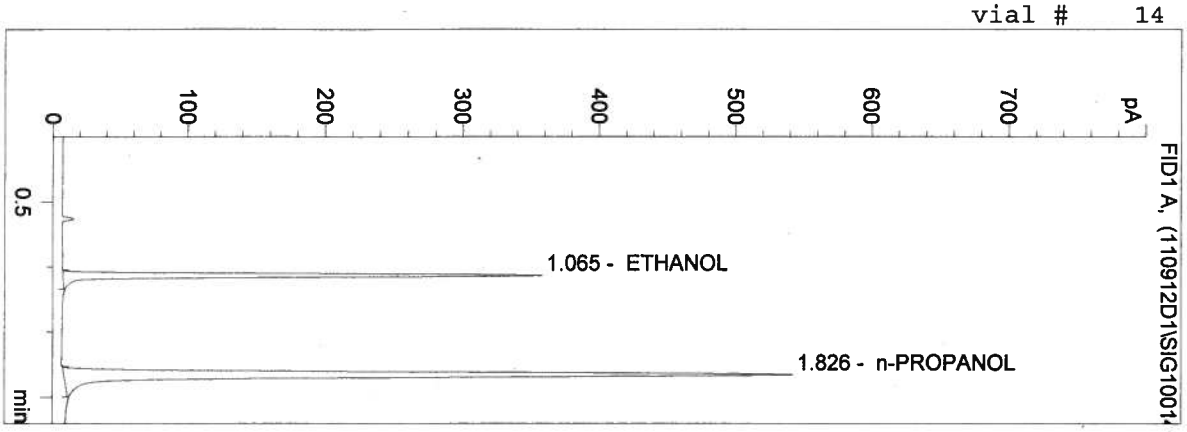
Instrument 3
DB-ALC2

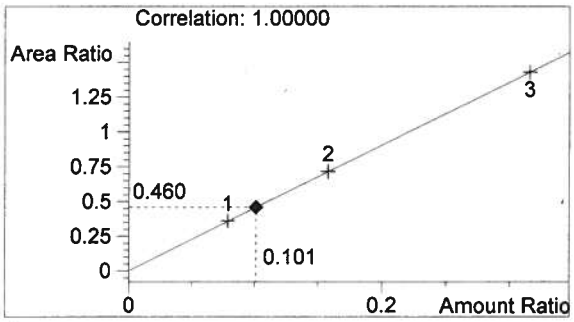
11038 #5
Dawn Cox

vial # 14

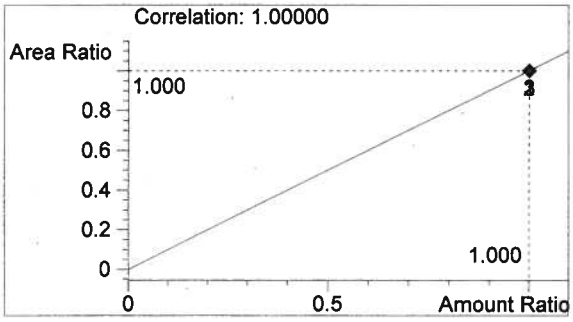


#	Compound	Area	RT
1	ETHANOL	685	1.065
2	n-PROPANOL	1491	1.826

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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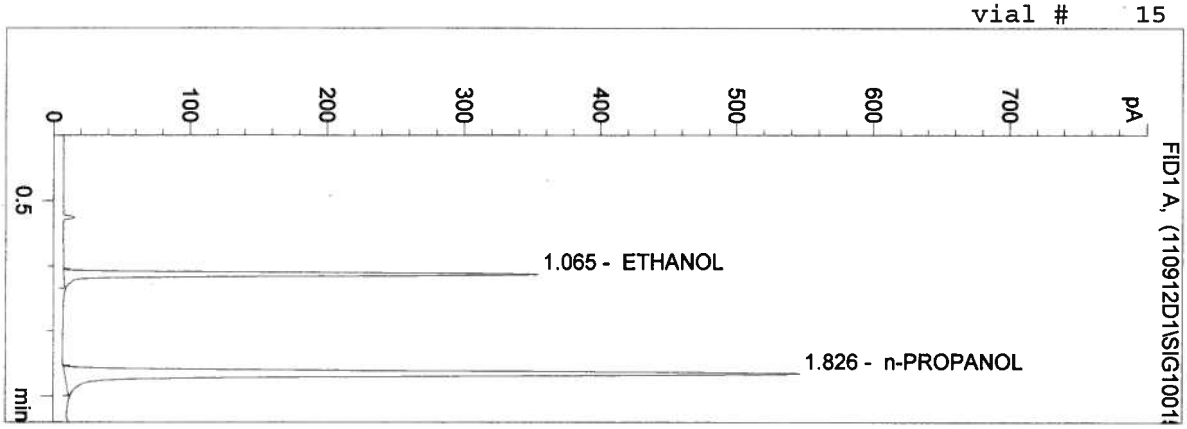
Instrument 3
DB-ALC2

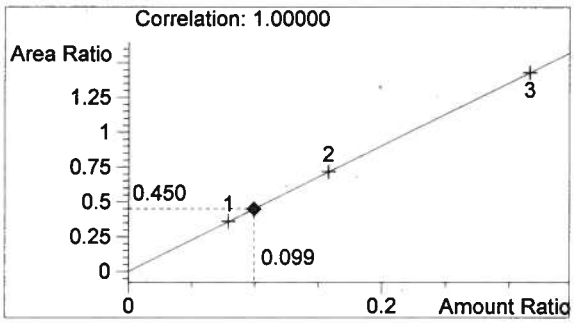
0.10 CTRL-DC
Dawn Cox

vial # 15

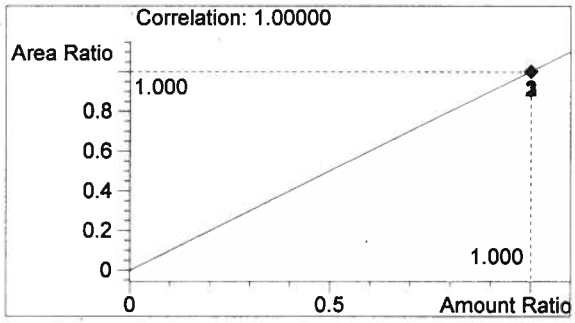


#	Compound	Area	RT
1	ETHANOL	679	1.065
2	n-PROPANOL	1508	1.826

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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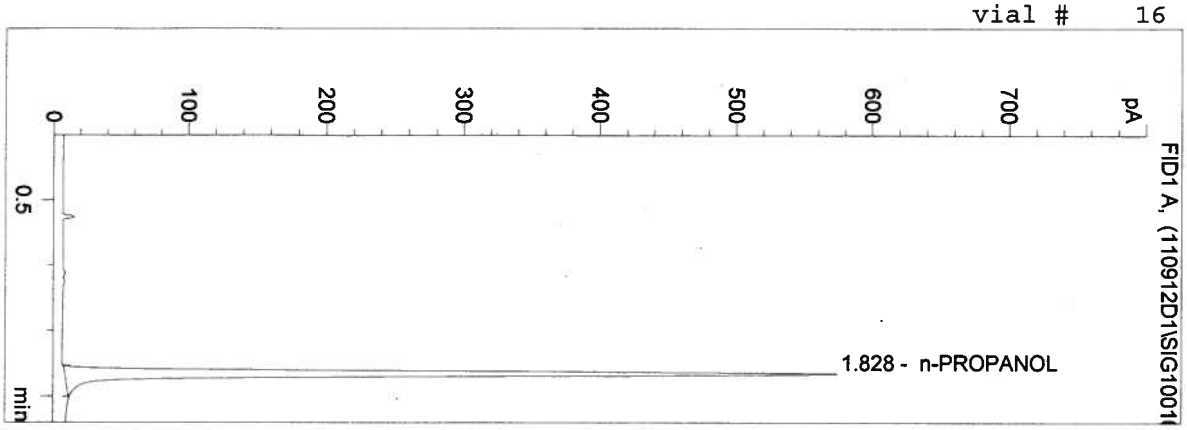
Instrument 3
DB-ALC2

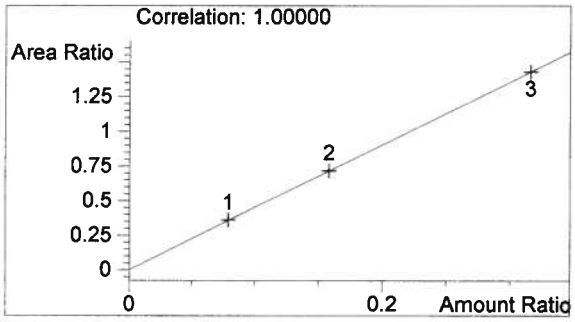
NEG CTRL-DC
Dawn Cox

vial # 16

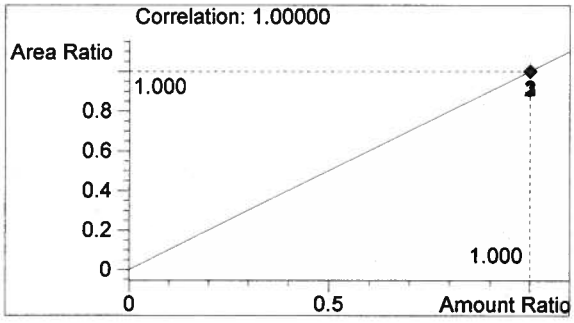


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1584	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

11038

DC

Sequence Parameters:

Operator:	Lisa Noble
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	110912LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a075264 exp 10/2014
0.10 control lot# a075806 exp 11/2014
0.20 control lot# a076521 exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - LN	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - LN	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
10	Vial 10	11038 #1	SIMALC3	1	Sample		
11	Vial 11	11038 #2	SIMALC3	1	Sample		
12	Vial 12	11038 #3	SIMALC3	1	Sample		
13	Vial 13	11038 #4	SIMALC3	1	Sample		
14	Vial 14	11038 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC3	3	Replace	Replace	

11038

Sequence Table (Back Injector):

No entries - empty table!

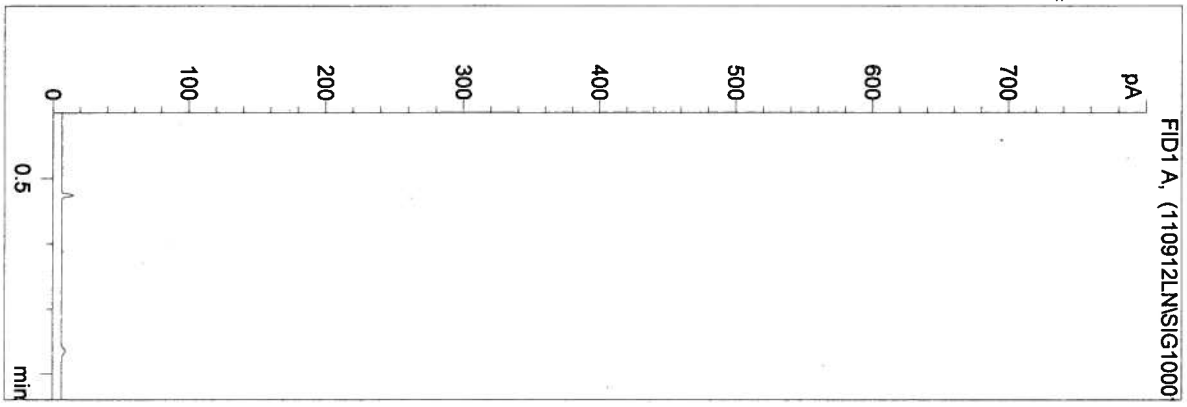
11038

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 2:31:11 PM
Instrument 3
DB-ALC2

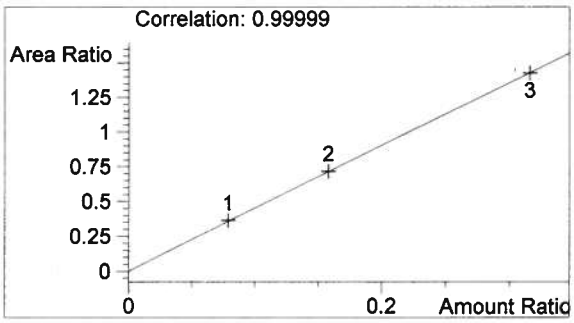
BLANK
Lisa Noble

vial # 1

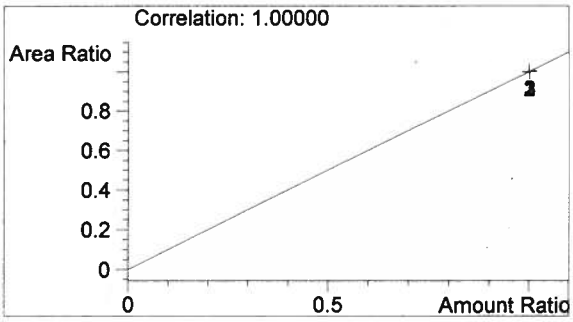


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

11038

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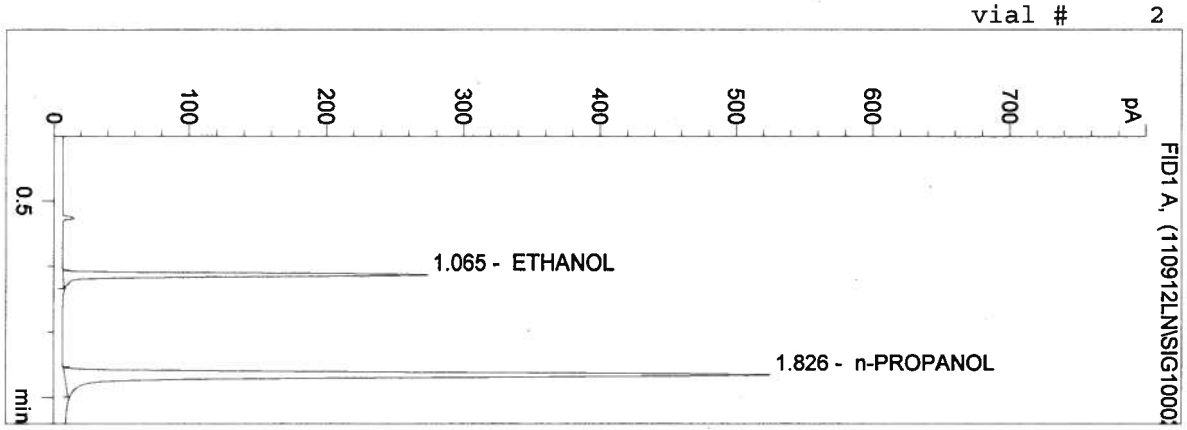
9/12/2011 2:34:19 PM
Instrument 3
DB-ALC2

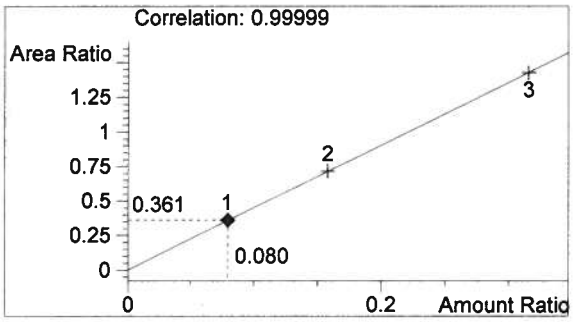
0.079 CAL
Lisa Noble

vial # 2

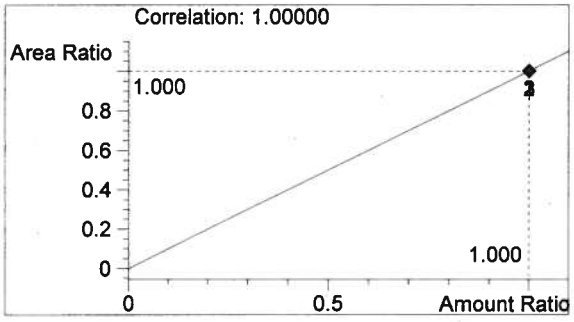


#	Compound	Area	RT
1	ETHANOL	522	1.065
2	n-PROPANOL	1446	1.826

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

11038

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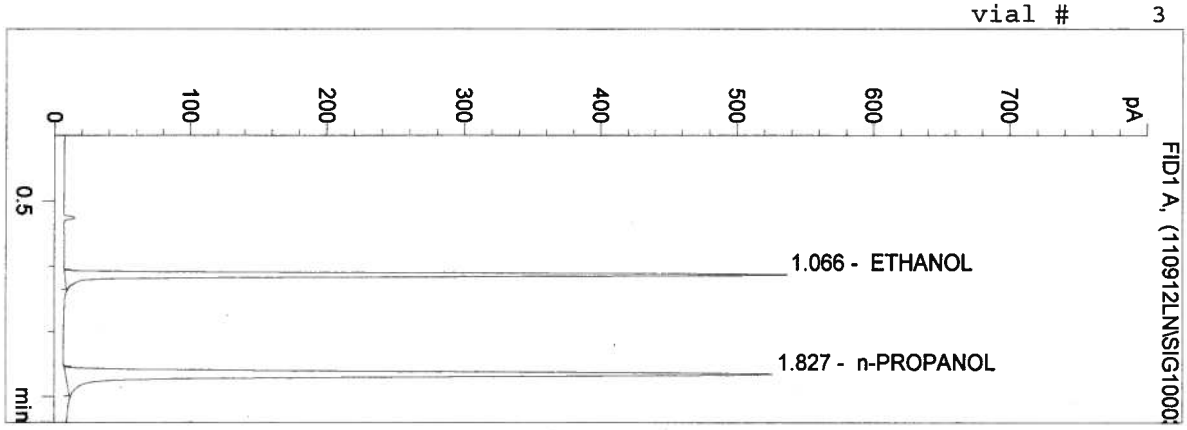
9/12/2011 2:37:26 PM
Instrument 3
DB-ALC2

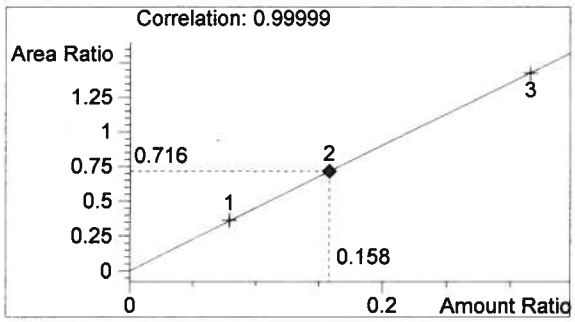
0.158 CAL
Lisa Noble

vial # 3

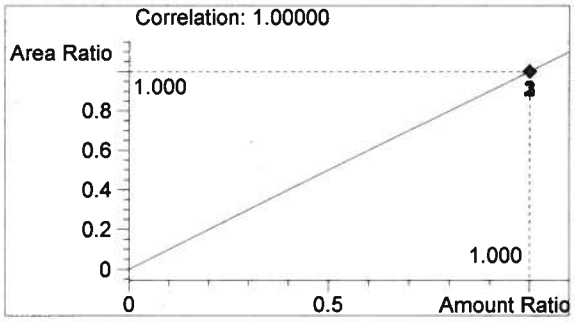


#	Compound	Area	RT
1	ETHANOL	1043	1.066
2	n-PROPANOL	1456	1.827

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

11038

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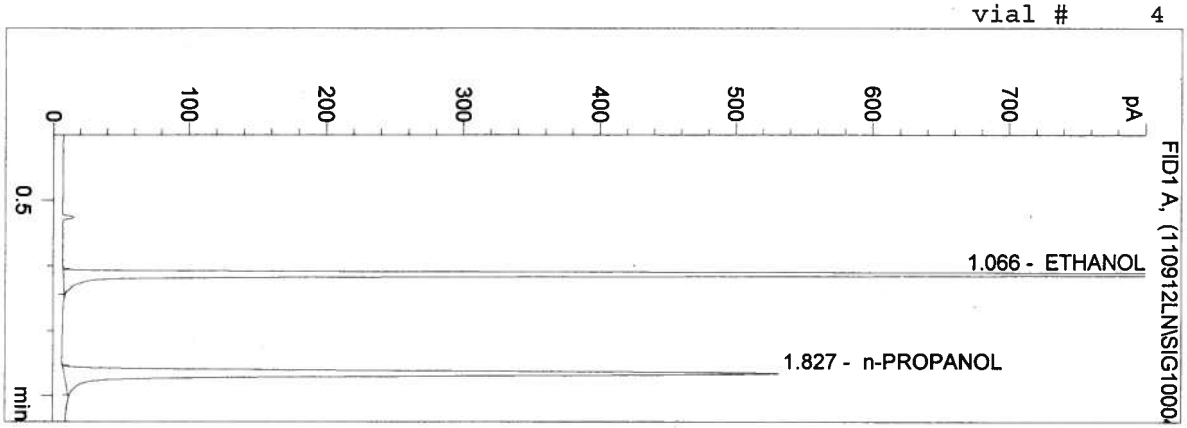
9/12/2011 2:40:33 PM
Instrument 3
DB-ALC2

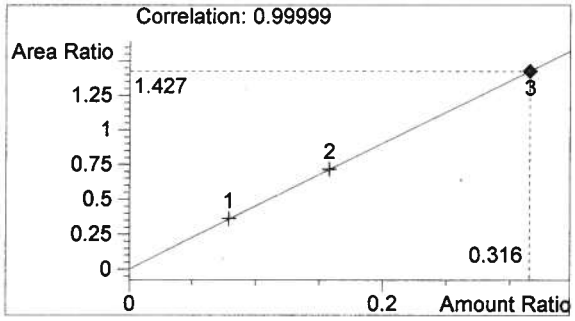
0.316 CAL
Lisa Noble

vial # 4

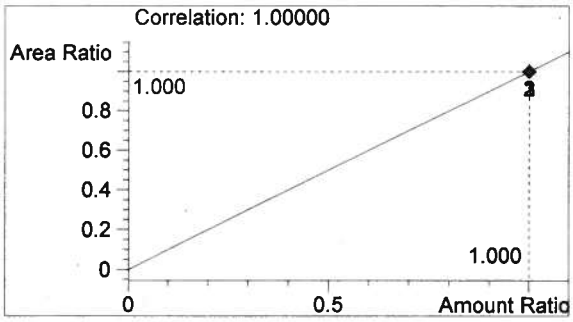


#	Compound	Area	RT
1	ETHANOL	2098	1.066
2	n-PROPANOL	1471	1.827

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

fn

11038

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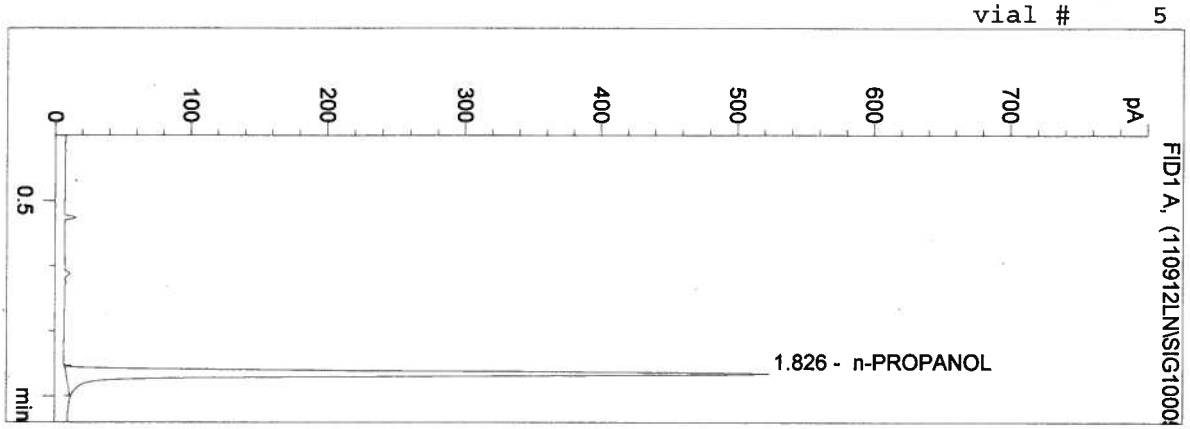
9/12/2011 2:43:41 PM
Instrument 3
DB-ALC2

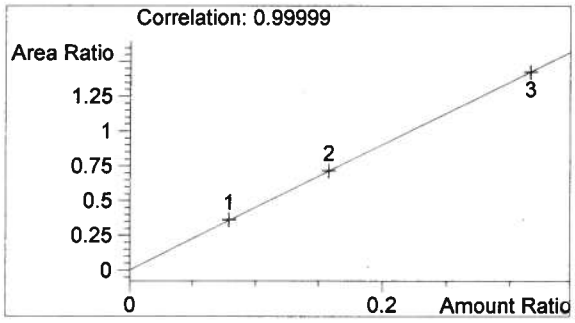
NEG CTRL - LN
Lisa Noble

vial # 5

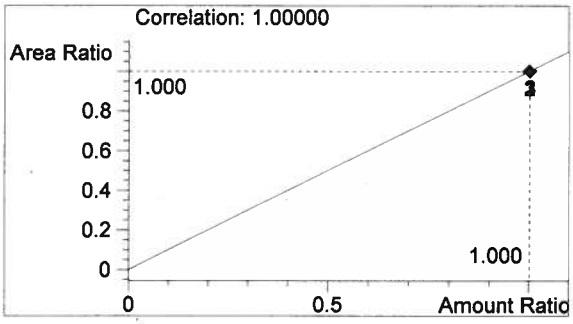


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1440	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

fn

11038

WASHINGTON STATE TOXICOLOGY LABORATORY

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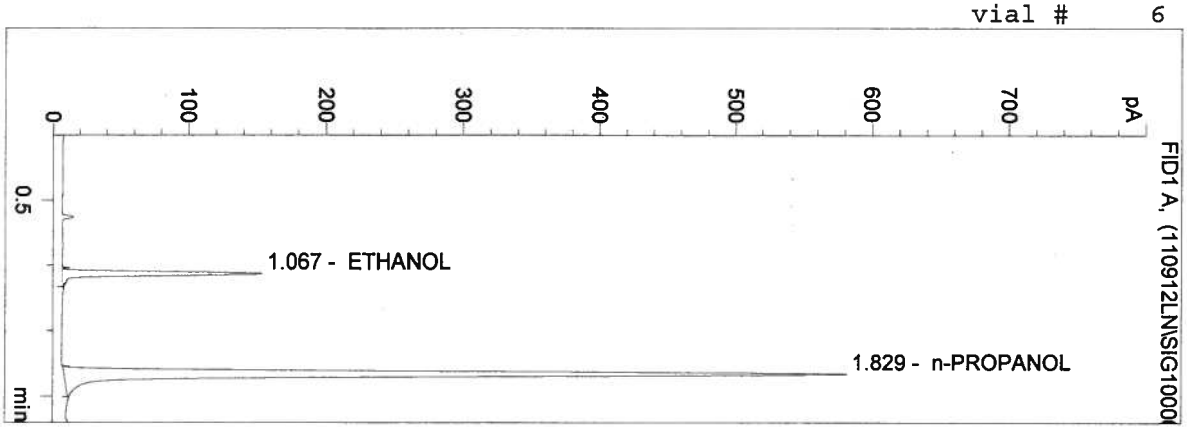
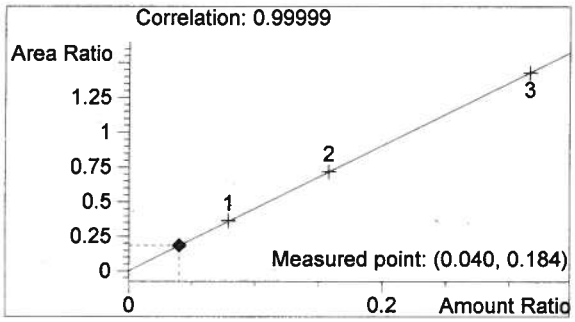
9/12/2011 2:46:48 PM
Instrument 3
DB-ALC2

0.04 CTRL - LN
Lisa Noble

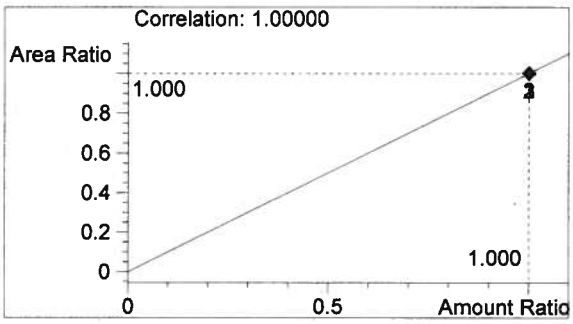
vial # 6



#	Compound	Area	RT
1	ETHANOL	296	1.067
2	n-PROPANOL	1608	1.829
Totals:			



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

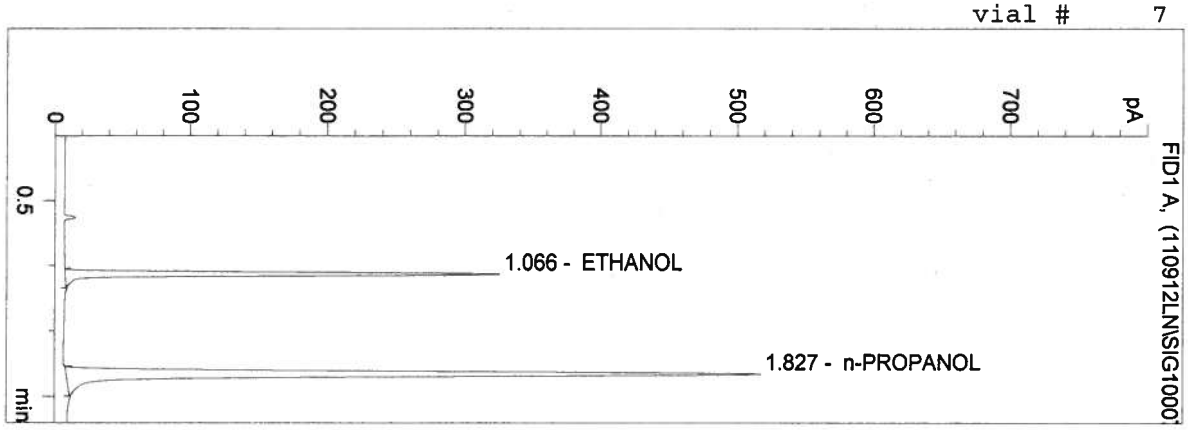
11038

WASHINGTON STATE TOXICOLOGY LABORATORY

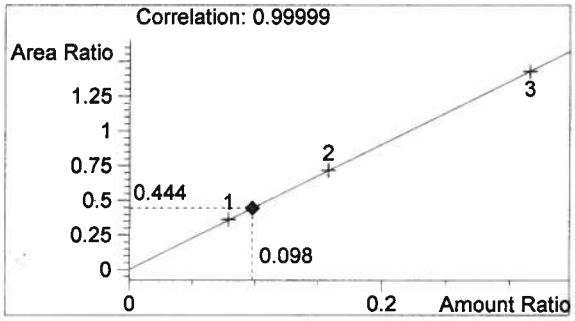
C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 2:49:55 PM
Instrument 3
DB-ALC2

0.10 CTRL - LN
Lisa Noble

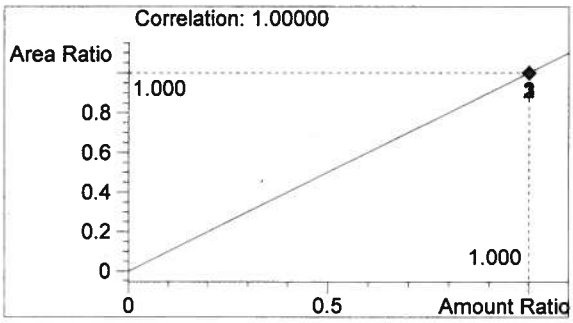
vial # 7



#	Compound	Area	RT
1	ETHANOL	634	1.066
2	n-PROPANOL	1427	1.827
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

11038

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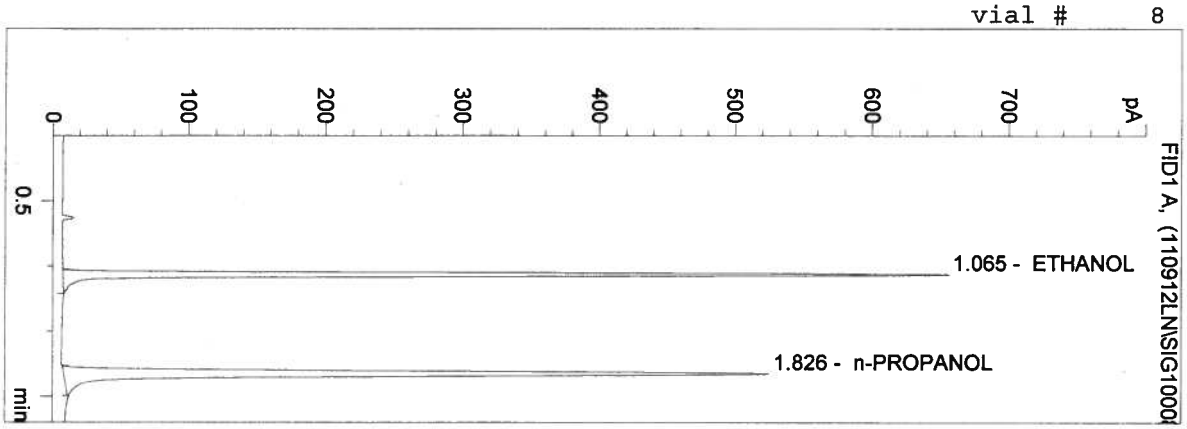
9/12/2011 2:53:03 PM
Instrument 3
DB-ALC2

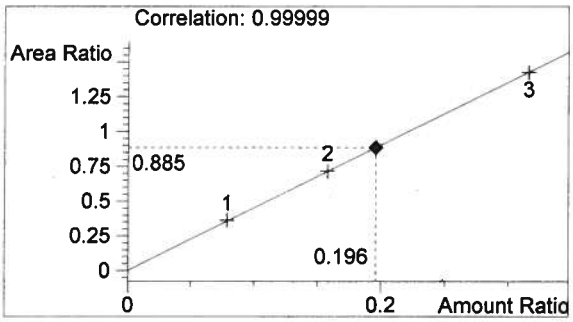
0.20 CTRL - LN
Lisa Noble

vial # 8

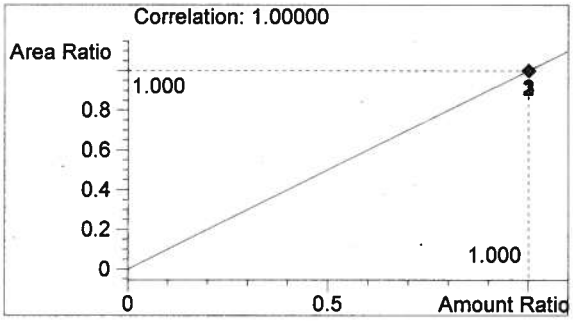


#	Compound	Area	RT
1	ETHANOL	1283	1.065
2	n-PROPANOL	1450	1.826

Totals:



ETHANOL 0.196 g/100ml



n-PROPANOL 1.000 g/100ml

11038

WASHINGTON STATE TOXICOLOGY LABORATORY

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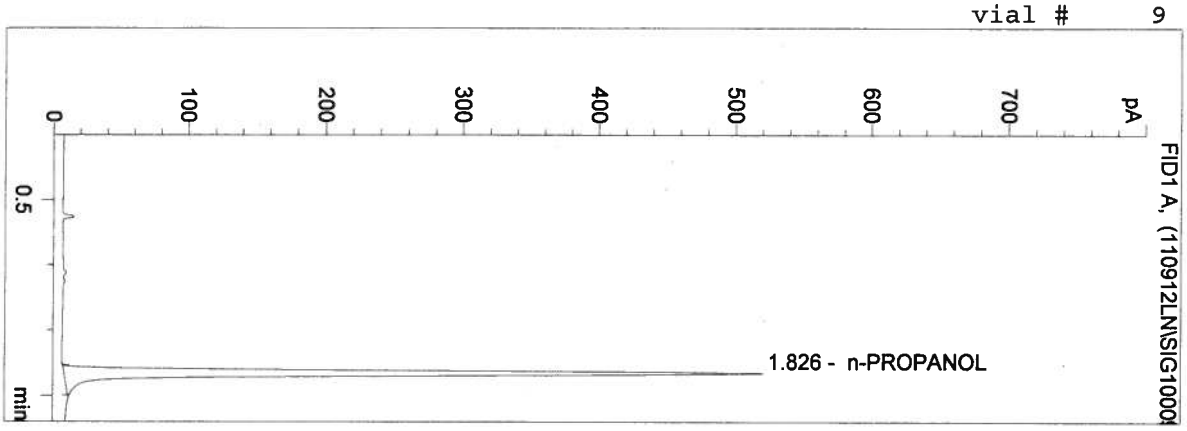
9/12/2011 2:56:10 PM
Instrument 3
DB-ALC2

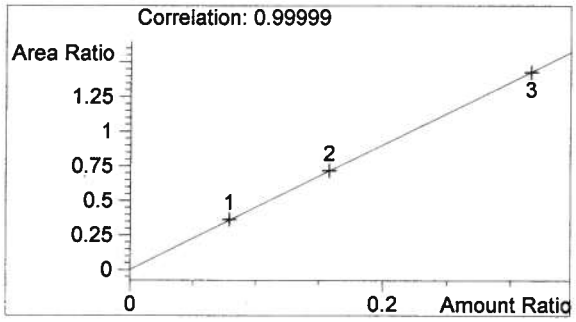
NEG CTRL - LN
Lisa Noble

vial # 9

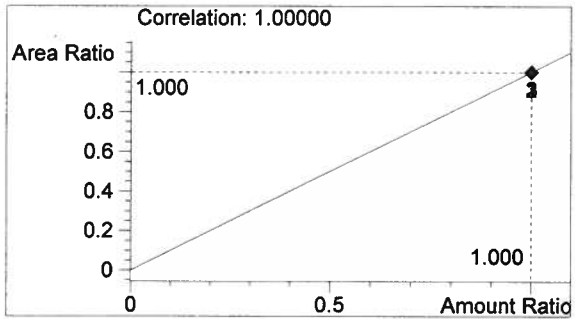


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1437	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

fn

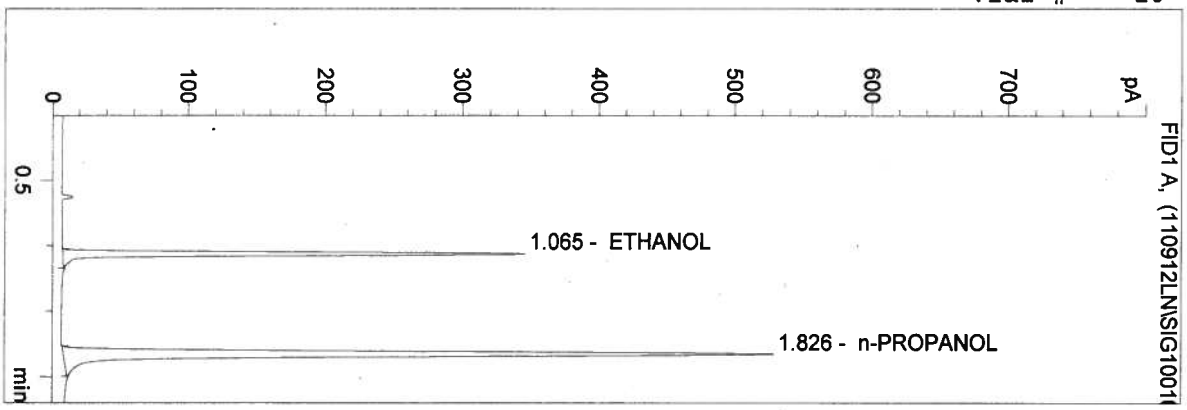
11038

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 2:59:17 PM
Instrument 3
DB-ALC2

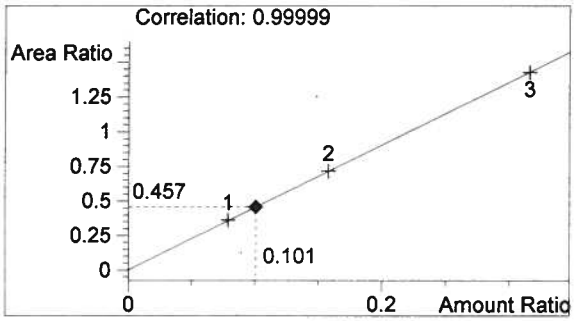
11038 #1
Lisa Noble

vial # 10

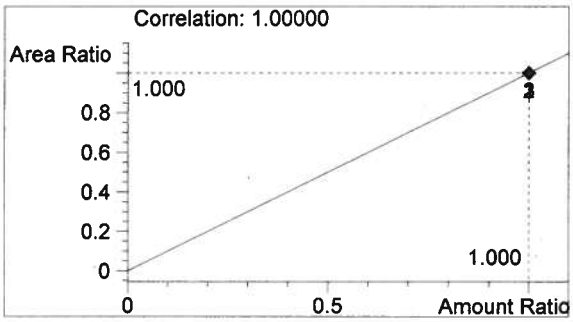


#	Compound	Area	RT
1	ETHANOL	668	1.065
2	n-PROPANOL	1461	1.826

Totals:



ETHANOL 0.101 g/100ml



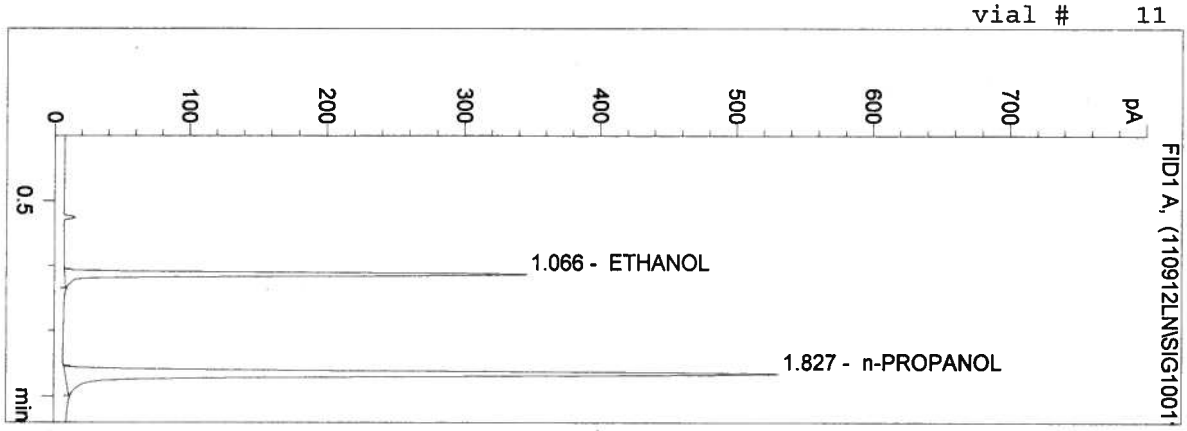
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 3:02:25 PM
Instrument 3
DB-ALC2

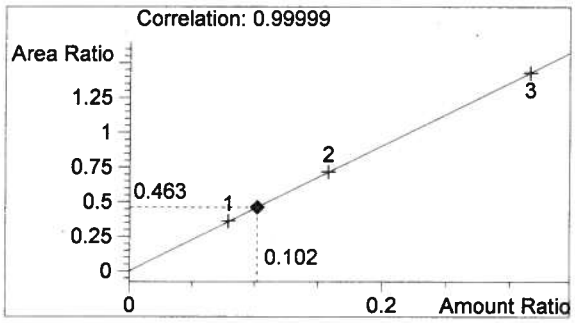
11038 #2
Lisa Noble

vial # 11

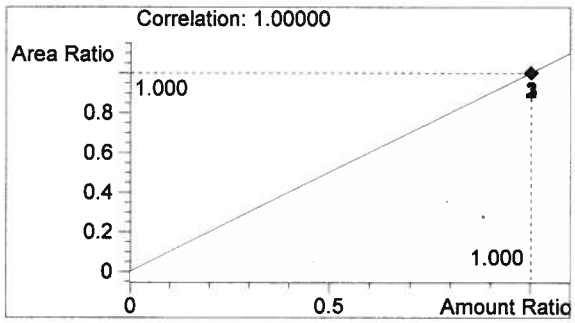


#	Compound	Area	RT
1	ETHANOL	681	1.066
2	n-PROPANOL	1473	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

fn

WASHINGTON STATE TOXICOLOGY LABORATORY

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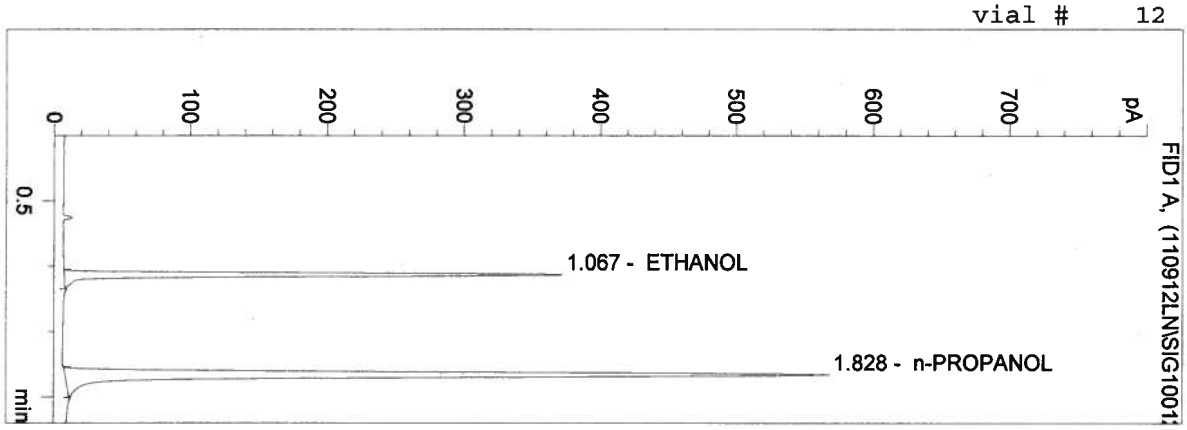
9/12/2011 3:05:32 PM
Instrument 3
DB-ALC2

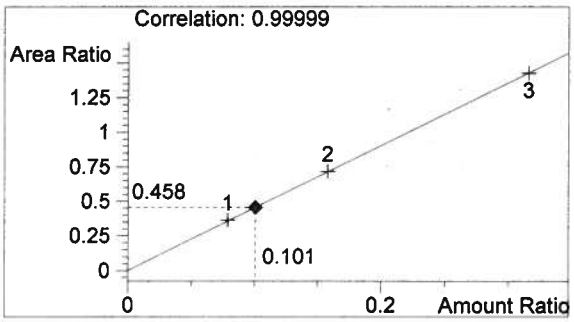
11038 #3
Lisa Noble

vial # 12

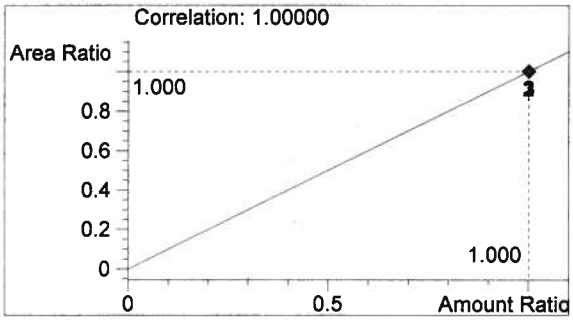


#	Compound	Area	RT
1	ETHANOL	718	1.067
2	n-PROPANOL	1569	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

fn

WASHINGTON STATE TOXICOLOGY LABORATORY

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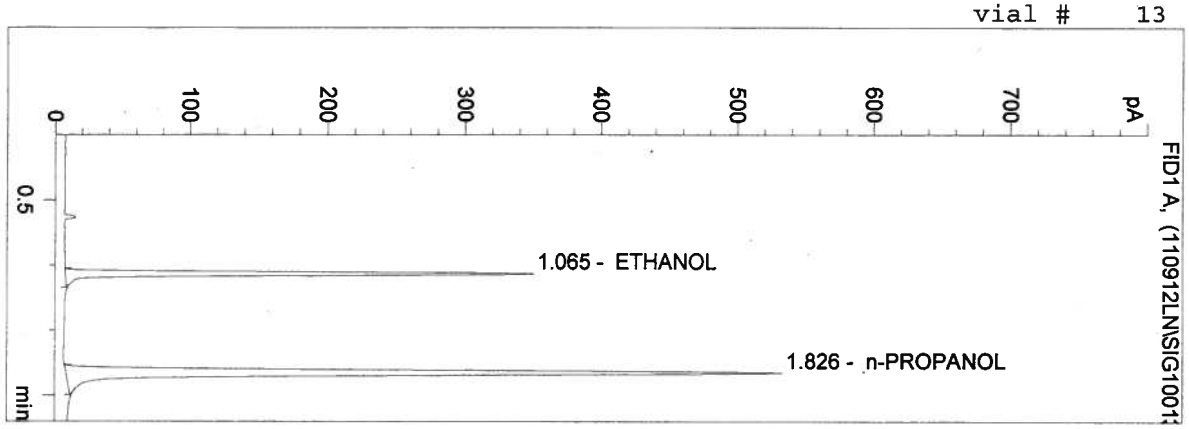
9/12/2011 3:08:39 PM
Instrument 3
DB-ALC2

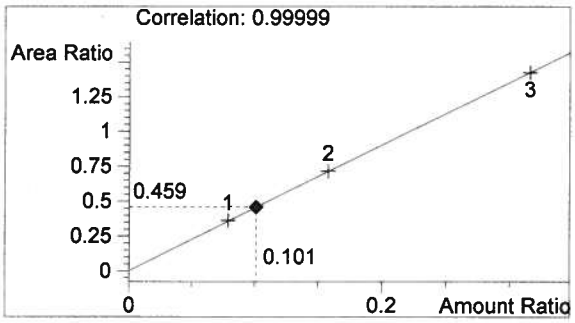
11038 #4
Lisa Noble

vial # 13

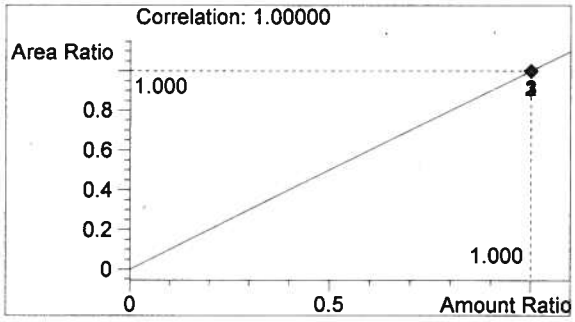


#	Compound	Area	RT
1	ETHANOL	677	1.065
2	n-PROPANOL	1475	1.826

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

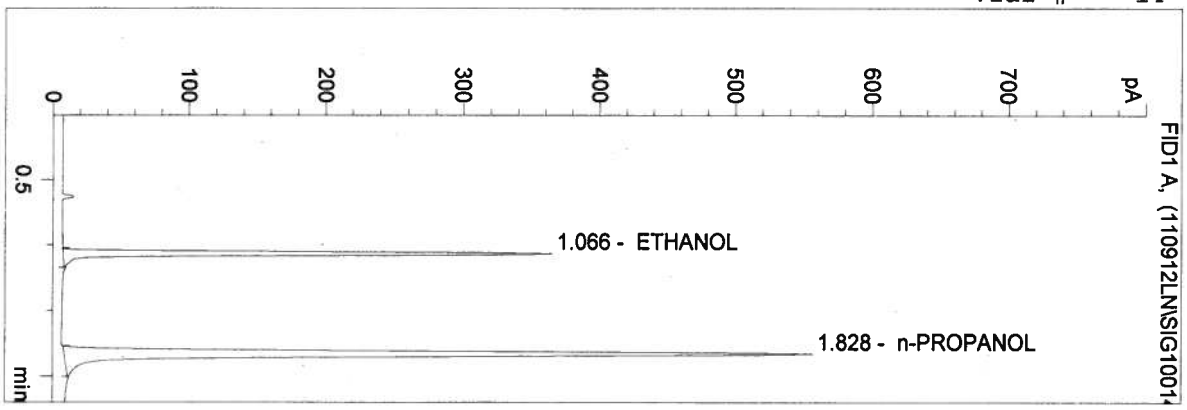
Sn

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 3:11:47 PM
Instrument 3
DB-ALC2

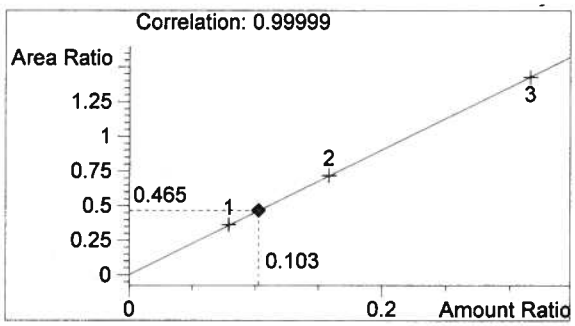
11038 #5
Lisa Noble

vial # 14

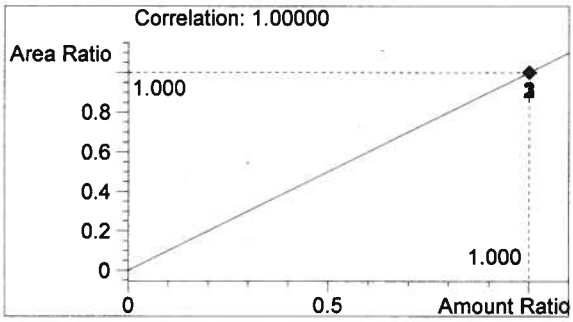


#	Compound	Area	RT
1	ETHANOL	715	1.066
2	n-PROPANOL	1537	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

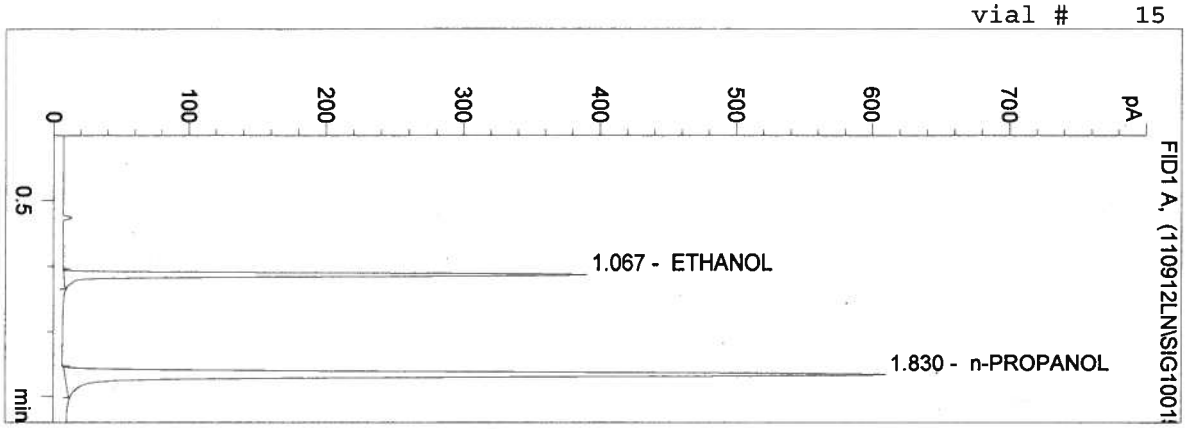
fr

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 3:14:54 PM
Instrument 3
DB-ALC2

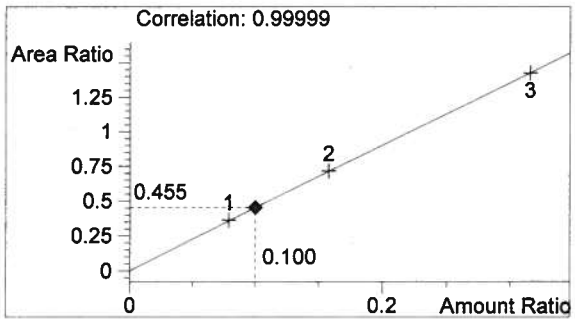
0.10 CTRL - LN
Lisa Noble

vial # 15

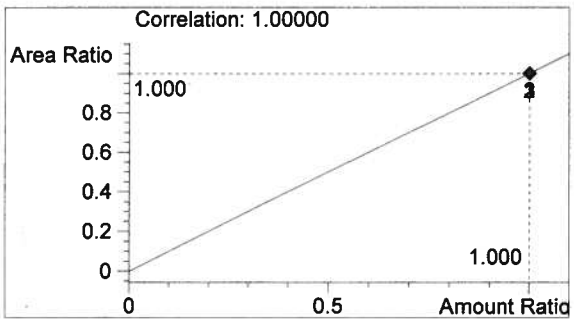


#	Compound	Area	RT
1	ETHANOL	767	1.067
2	n-PROPANOL	1688	1.830

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

11038

WASHINGTON STATE TOXICOLOGY LABORATORY

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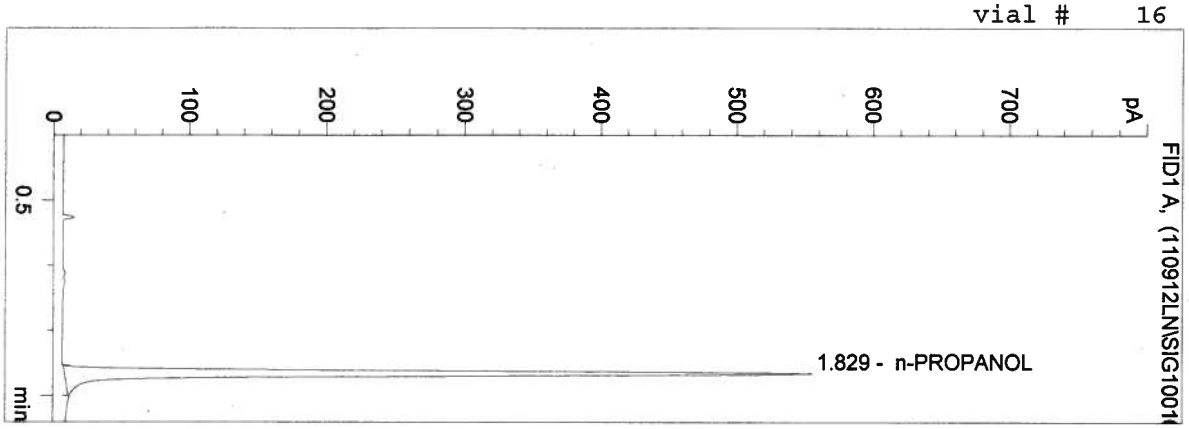
9/12/2011 3:18:02 PM
Instrument 3
DB-ALC2

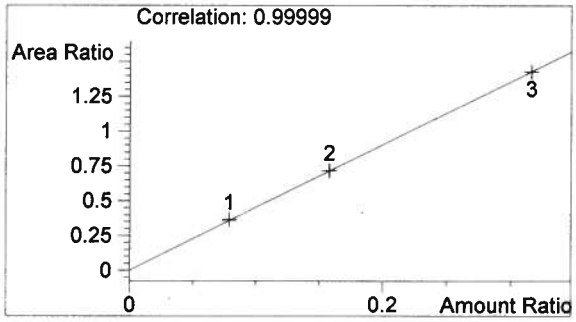
NEG CTRL - LN
Lisa Noble

vial # 16

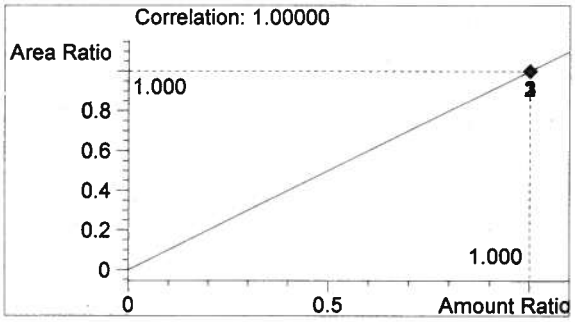


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1538	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

11038

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\2\DATA\
Data Subdirectory:	110912A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a075264 exp 10/2014
0.10 control lot# a075806 exp 11/2014
0.20 control lot# a076521 exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC3	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC3	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC3	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC3	1	Calib		
5	Vial 5	neg control - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	11038 #1	SIMALC3	1	Sample		
11	Vial 11	11038 #2	SIMALC3	1	Sample		
12	Vial 12	11038 #3	SIMALC3	1	Sample		
13	Vial 13	11038 #4	SIMALC3	1	Sample		
14	Vial 14	11038 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC3	1	Ctrl Samp		

AL 20110912

Calibration Part:

AL 20110915

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC3	3	Replace	Replace	

11038

Sequence Table (Back Injector):

No entries - empty table!

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AL
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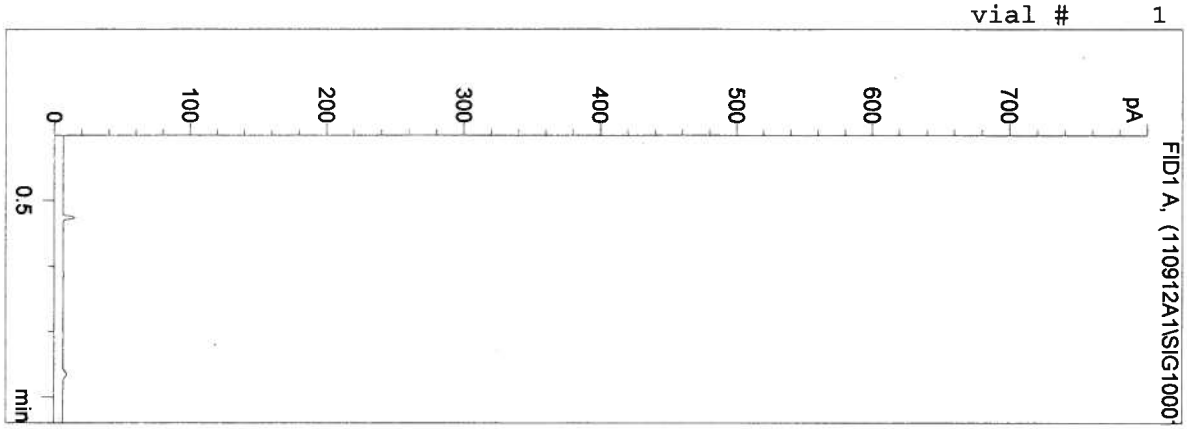
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 11:03:15 AM
Instrument 3
DB-ALC2

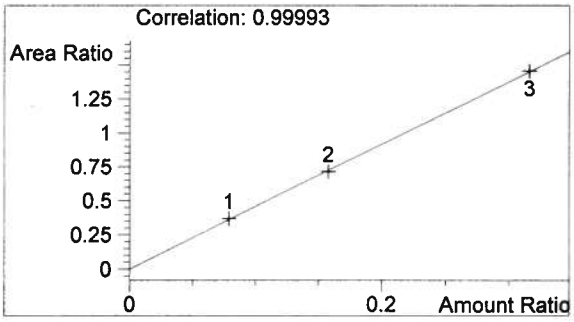
blank
asa louis

vial # 1

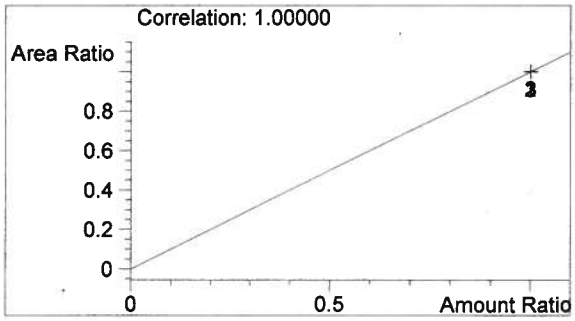


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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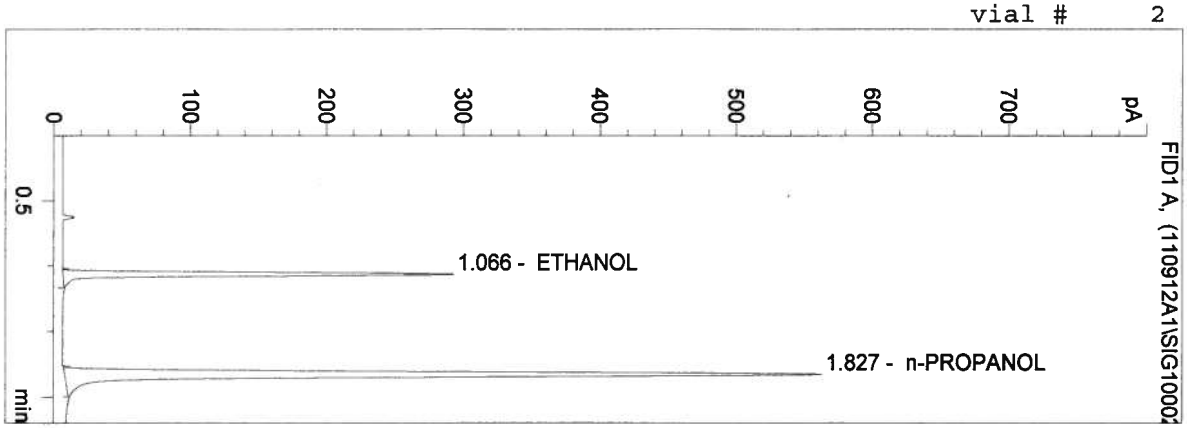
WASHINGTON STATE TOXICOLOGY LABORATORY

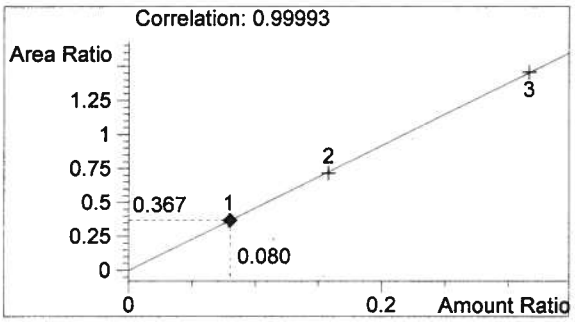
C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 11:06:23 AM
Instrument 3
DB-ALC2

0.079 cal 1
asa louis

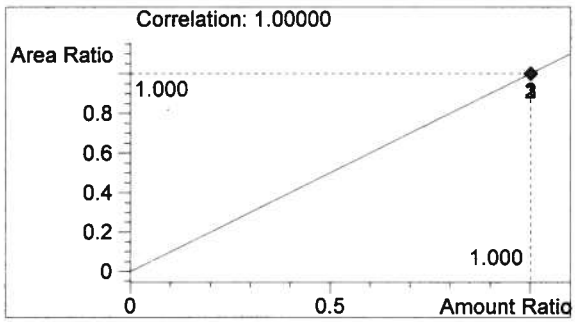
vial # 2



#	Compound	Area	RT
1	ETHANOL	572	1.066
2	n-PROPANOL	1557	1.827
Totals:			



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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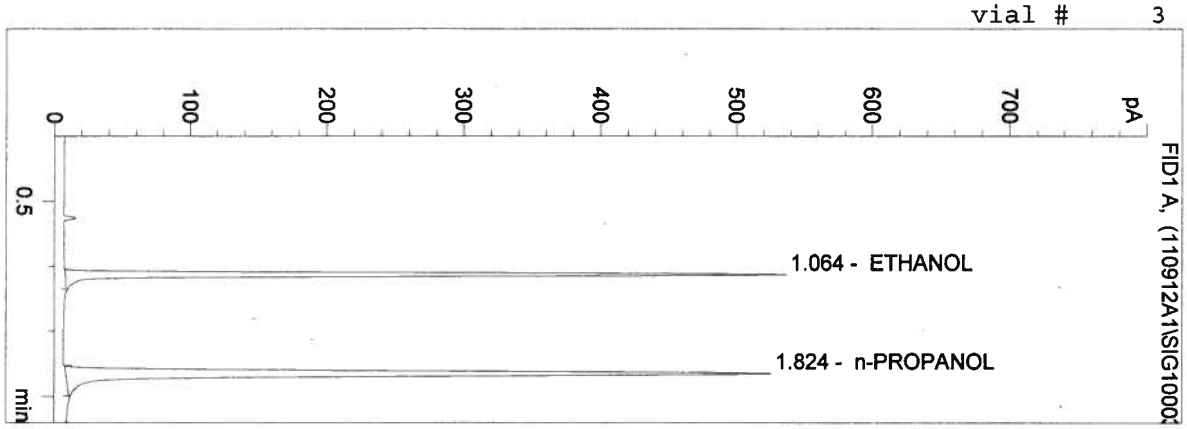
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 11:09:30 AM
Instrument 3
DB-ALC2

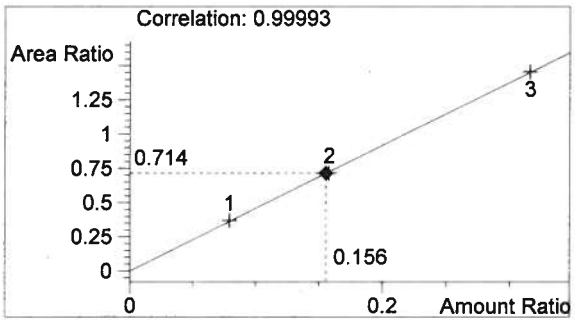
0.158 cal 2
asa louis

vial # 3

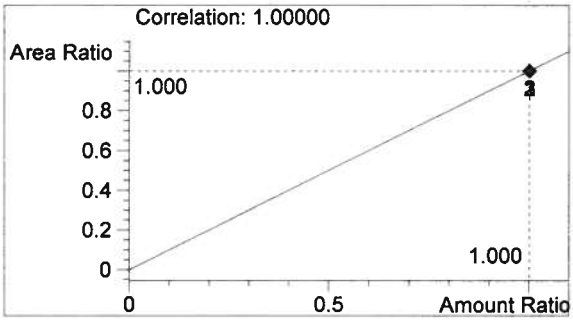


#	Compound	Area	RT
1	ETHANOL	1034	1.064
2	n-PROPANOL	1448	1.824

Totals:



ETHANOL 0.156 g/100ml



n-PROPANOL 1.000 g/100ml

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AK 20110915

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WASHINGTON STATE TOXICOLOGY LABORATORY

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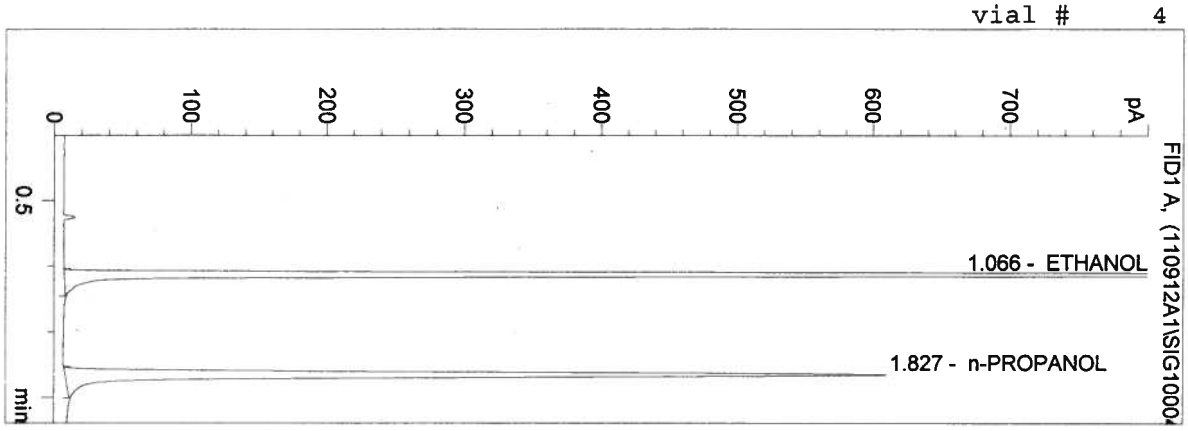
9/12/2011 11:12:37 AM
Instrument 3
DB-ALC2

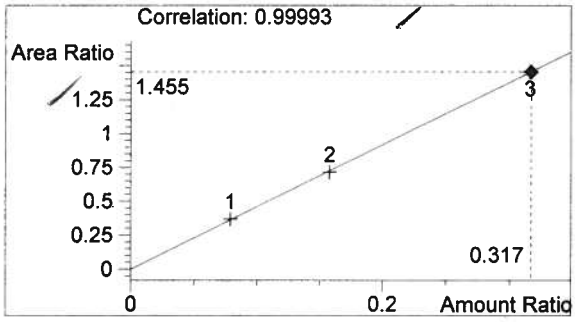
0.316 cal 3
asa louis

vial # 4

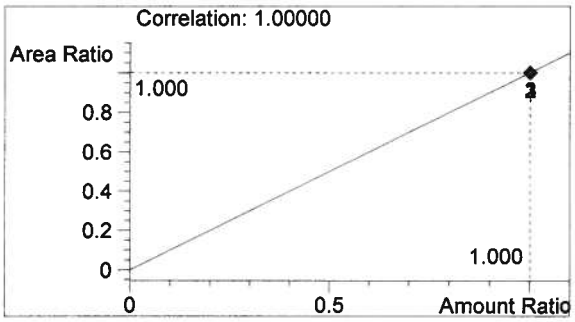


#	Compound	Area	RT
1	ETHANOL	2448	1.066
2	n-PROPANOL	1683	1.827

Totals:



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

dl
20110912

dl 20110915

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WASHINGTON STATE TOXICOLOGY LABORATORY

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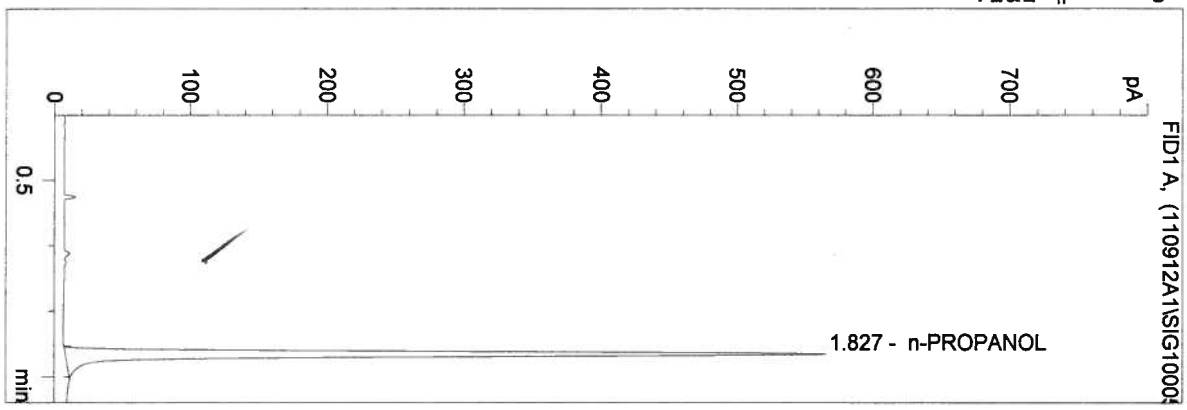
9/12/2011 11:15:45 AM
Instrument 3
DB-ALC2

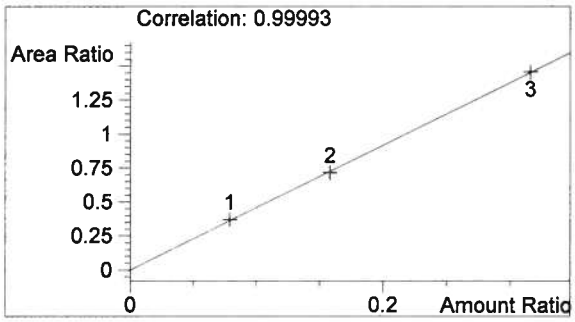
neg control - al
asa louis

vial # 5

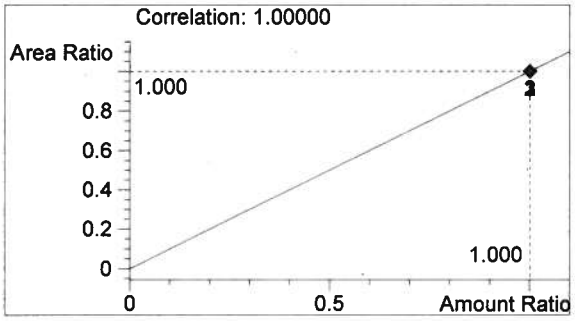


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1568	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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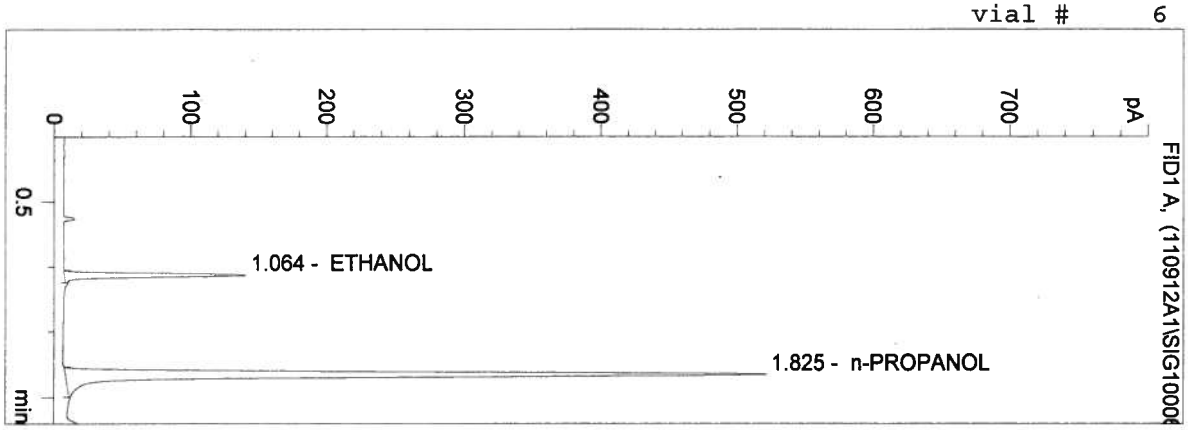
9/12/2011 11:18:52 AM
Instrument 3
DB-ALC2

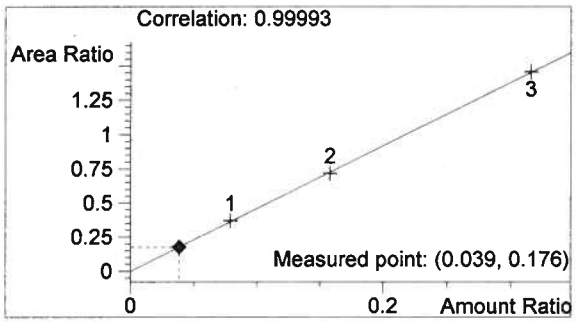
0.04 ctrl al
asa louis

vial # 6

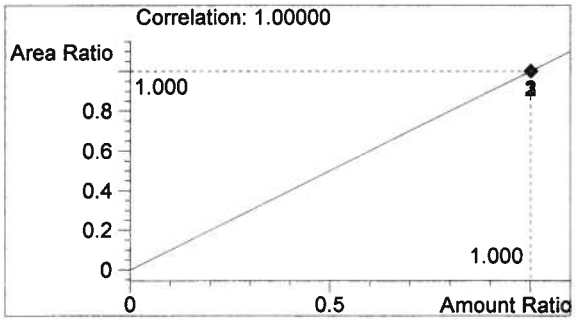


#	Compound	Area	RT
1	ETHANOL	253	1.064
2	n-PROPANOL	1434	1.825

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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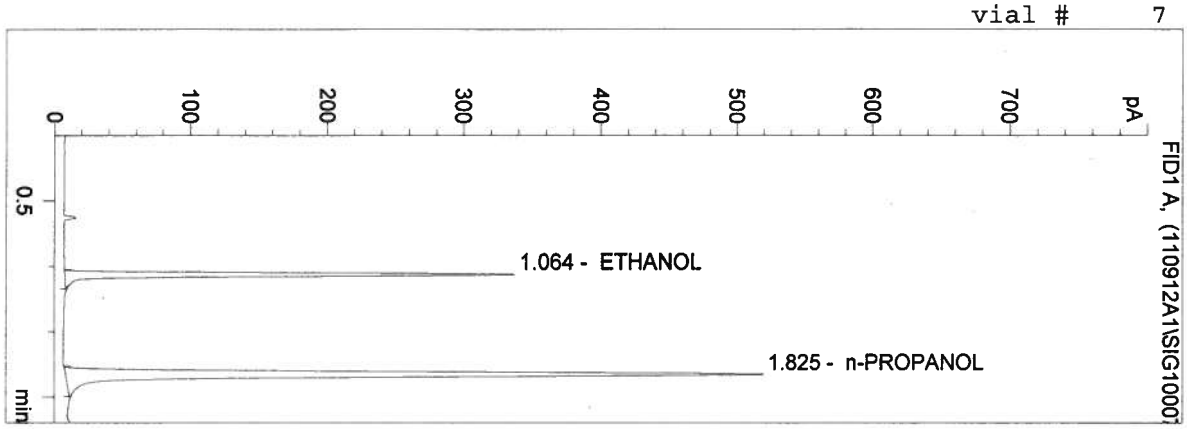
9/12/2011 11:22:00 AM
Instrument 3
DB-ALC2

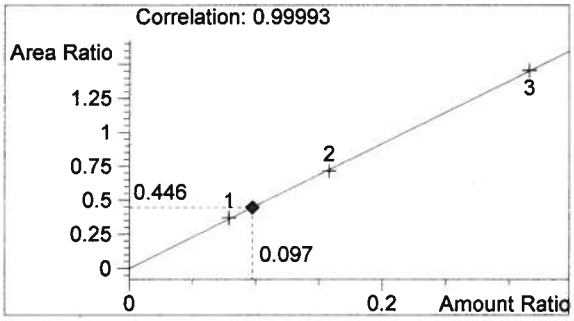
0.10 ctrl al
asa louis

vial # 7

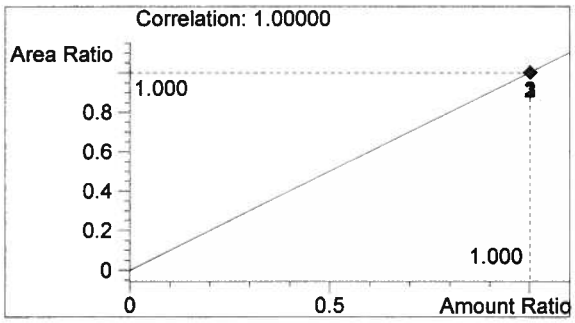


#	Compound	Area	RT
1	ETHANOL	637	1.064
2	n-PROPANOL	1427	1.825

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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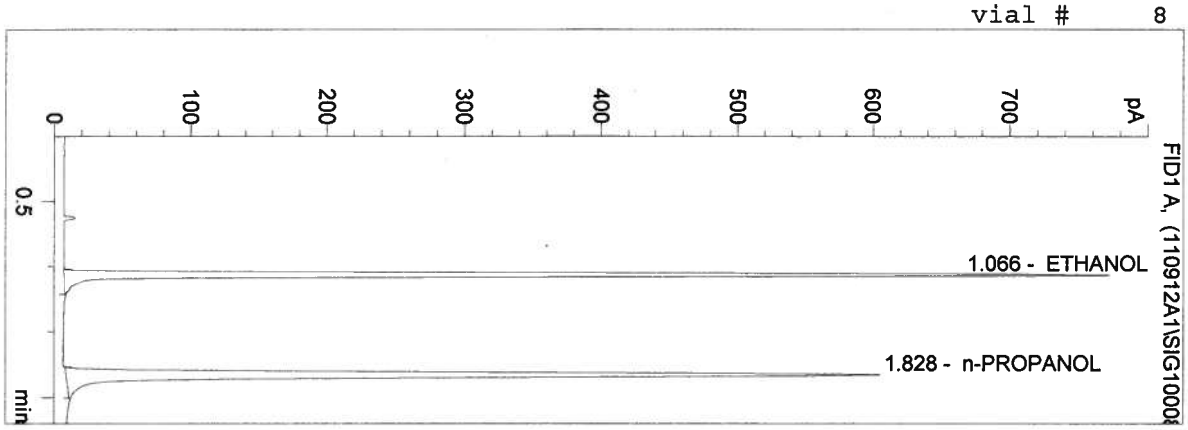
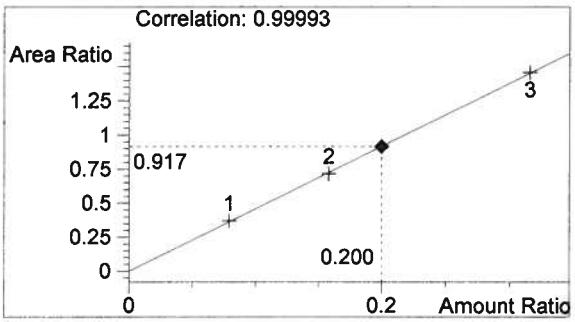
Instrument 3
DB-ALC2

0.20 ctrl al
asa louis

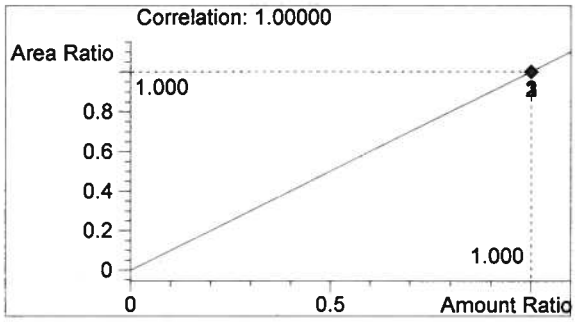
vial # 8



#	Compound	Area	RT
1	ETHANOL	1530	1.066
2	n-PROPANOL	1668	1.828
Totals:			



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

AK
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AK 20110915

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WASHINGTON STATE TOXICOLOGY LABORATORY

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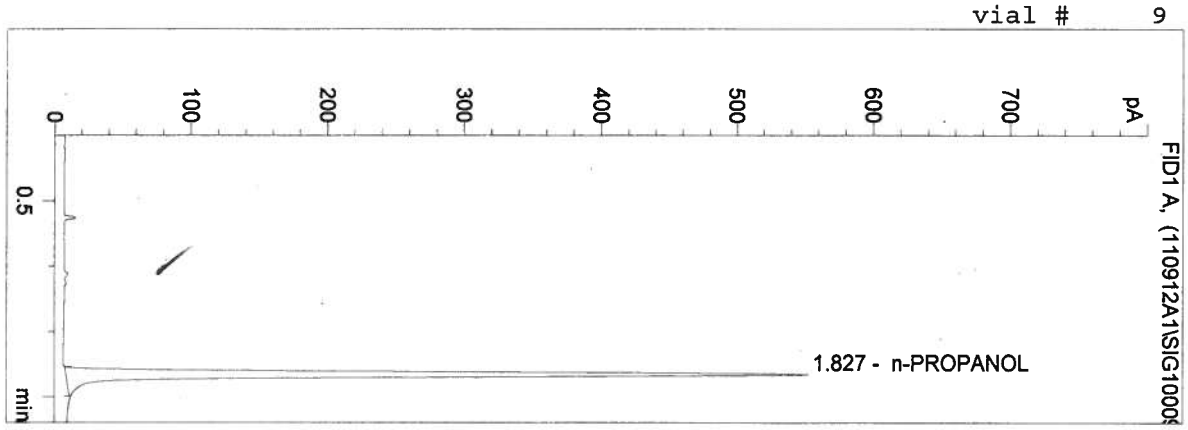
9/12/2011 11:28:15 AM
Instrument 3
DB-ALC2

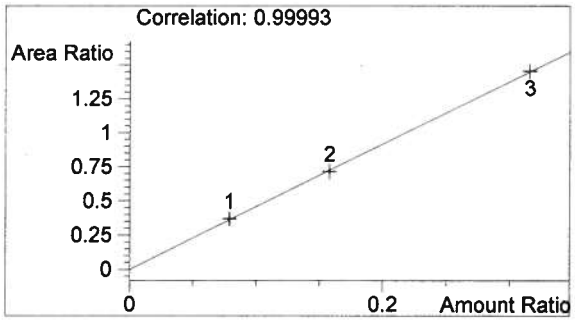
neg control - al
asa louis

vial # 9

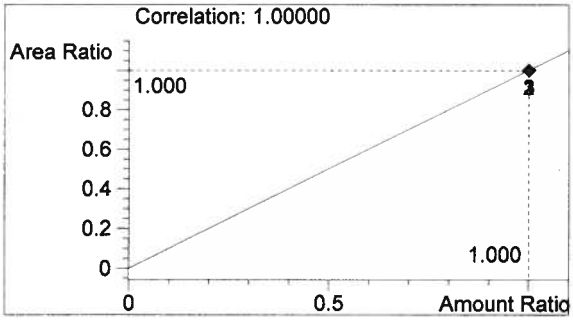


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1527	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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AL 20110915

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WASHINGTON STATE TOXICOLOGY LABORATORY

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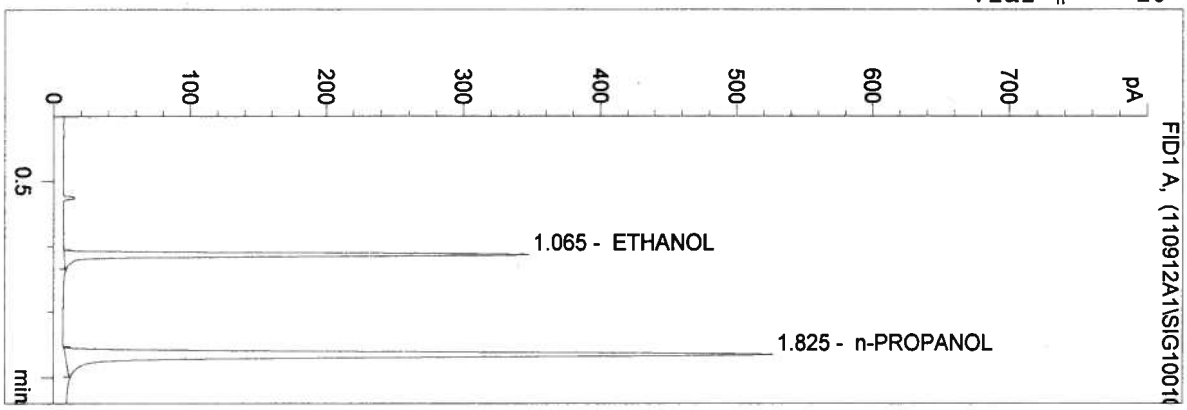
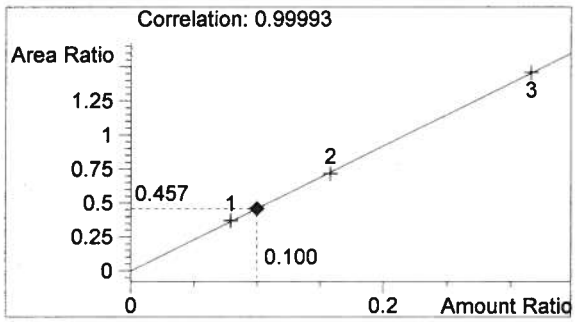
9/12/2011 11:31:22 AM
Instrument 3
DB-ALC2

11038 #1
asa louis

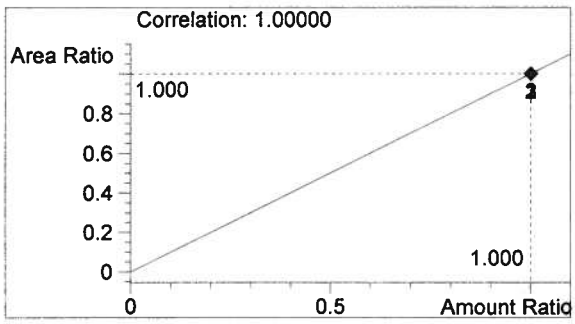
vial # 10



#	Compound	Area	RT
1	ETHANOL	663	1.065
2	n-PROPANOL	1450	1.825
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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2011 09 12

AL
2011 09 15

WASHINGTON STATE TOXICOLOGY LABORATORY

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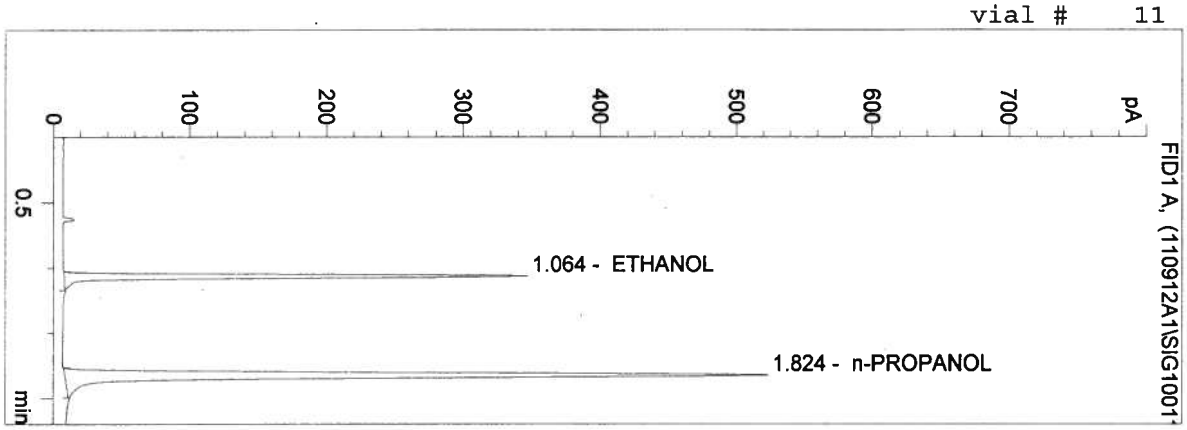
9/12/2011 11:34:30 AM
Instrument 3
DB-ALC2

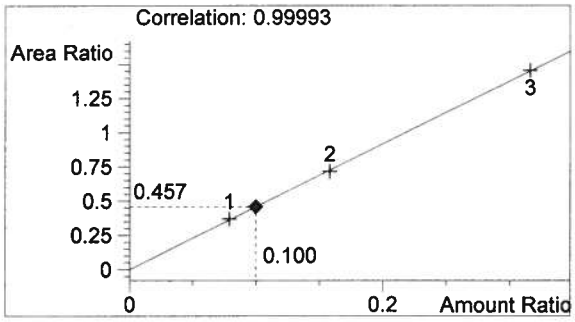
11038 #2
asa louis

vial # 11

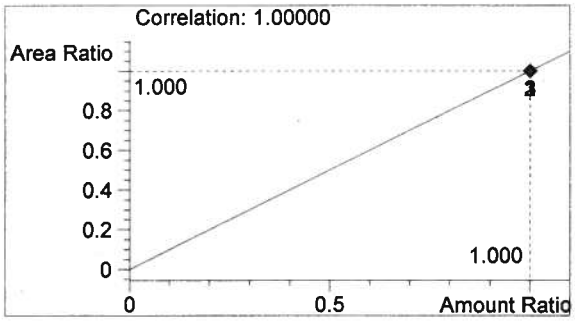


#	Compound	Area	RT
1	ETHANOL	658	1.064
2	n-PROPANOL	1438	1.824

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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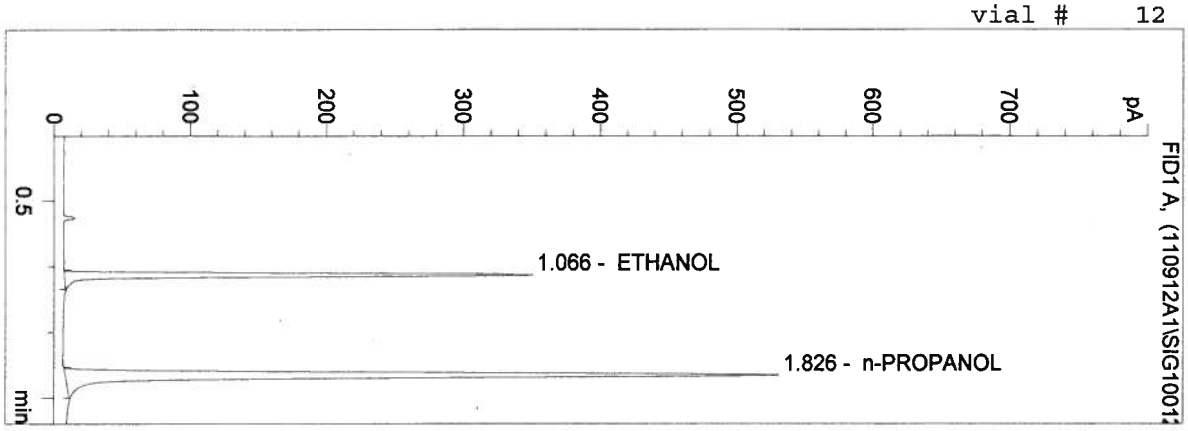
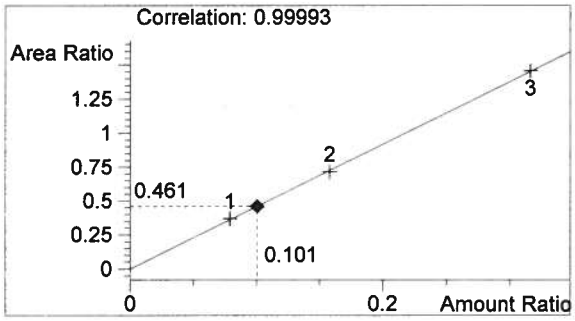
Instrument 3
DB-ALC2

11038 #3
asa louis

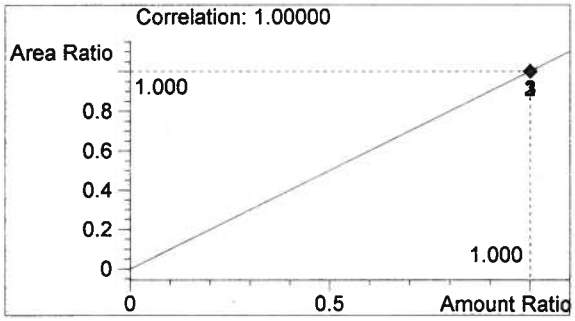
vial # 12



#	Compound	Area	RT
1	ETHANOL	678	1.066
2	n-PROPANOL	1469	1.826
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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2011 09 15

WASHINGTON STATE TOXICOLOGY LABORATORY

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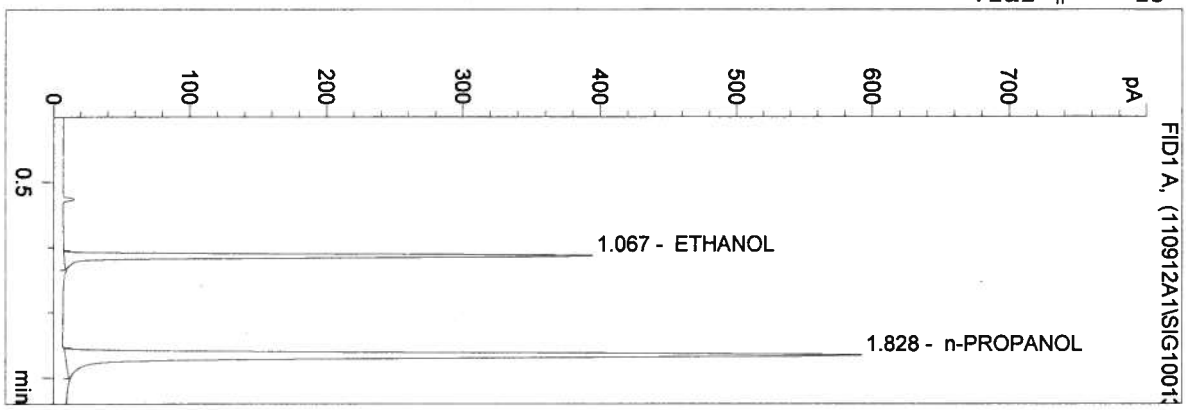
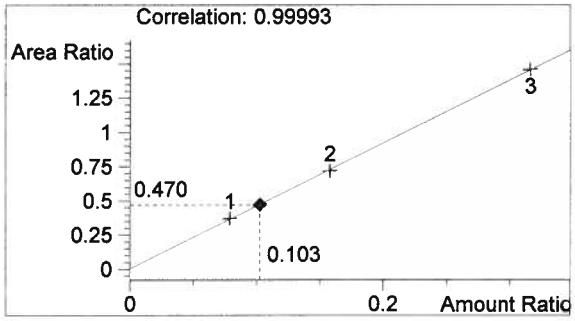
Instrument 3
DB-ALC2

11038 #4
asa louis

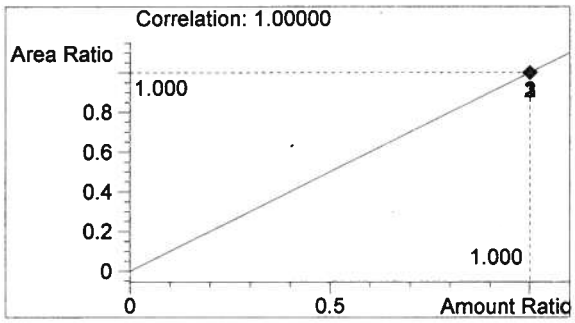
vial # 13



#	Compound	Area	RT
1	ETHANOL	767	1.067
2	n-PROPANOL	1630	1.828
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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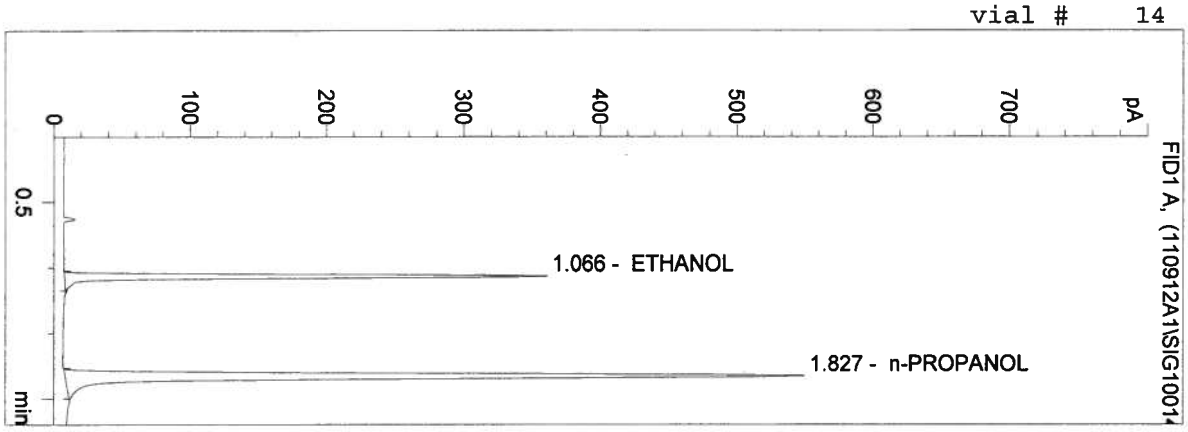
9/12/2011 11:43:52 AM
Instrument 3
DB-ALC2

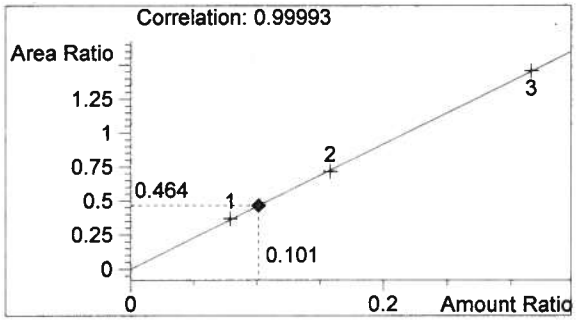
11038 #5
asa louis

vial # 14

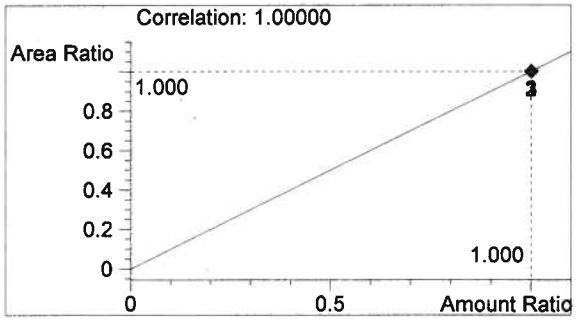


#	Compound	Area	RT
1	ETHANOL	706	1.066
2	n-PROPANOL	1521	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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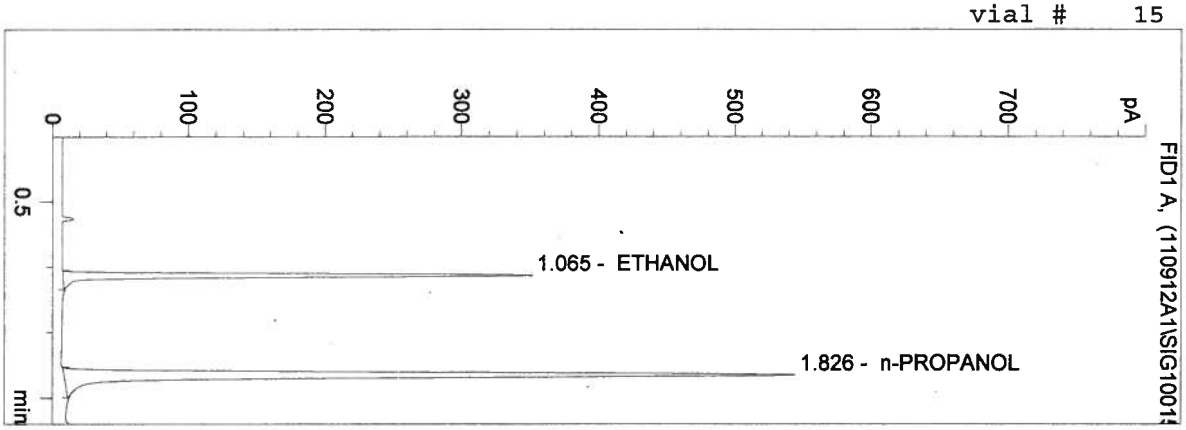
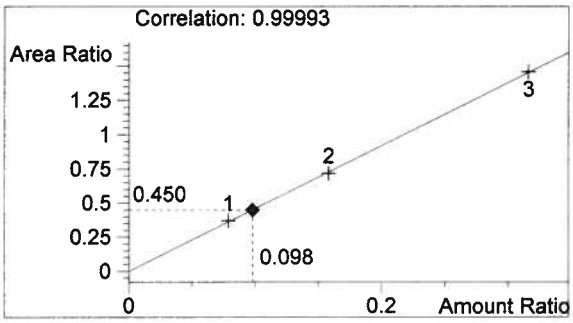
Instrument 3
DB-ALC2

0.10 ctrl al
asa louis

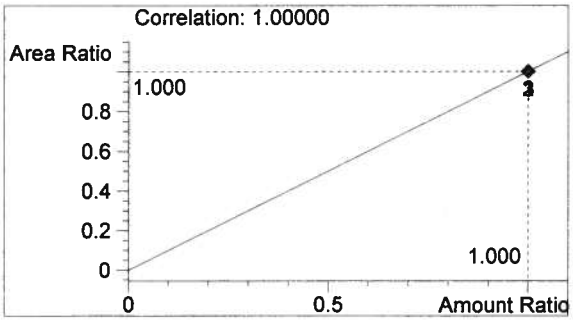
vial # 15



#	Compound	Area	RT
1	ETHANOL	675	1.065
2	n-PROPANOL	1502	1.826
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

2011-09-12

2011-09-16

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WASHINGTON STATE TOXICOLOGY LABORATORY

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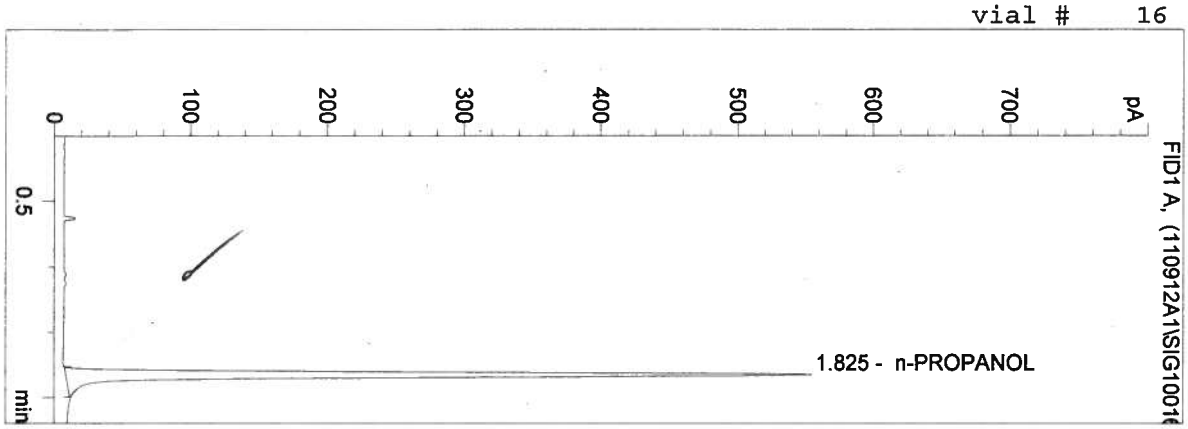
Instrument 3
DB-ALC2

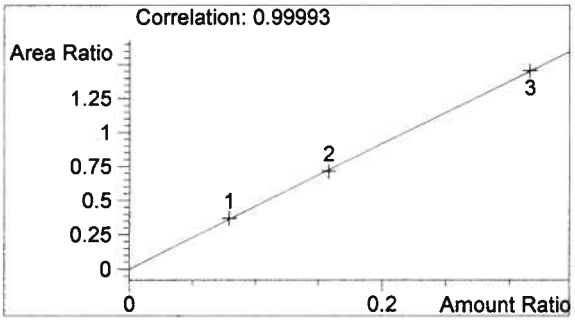
neg control - al
asa louis

vial # 16

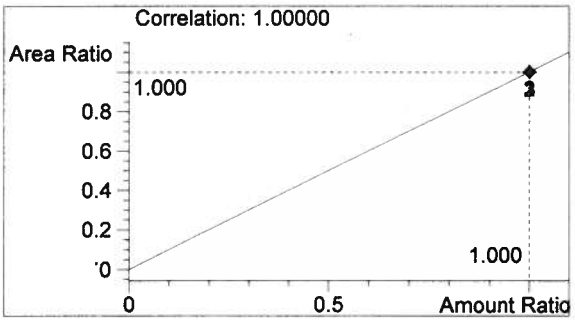


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1528	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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Sequence: C:\HPCHEM\2\SEQUENCE\CJEXTST3.S

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	110912CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 11038 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 11038 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 11038 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 11038 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 11038 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

= 11038

No entries - empty table!

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WASHINGTON STATE TOXICOLOGY LABORATORY

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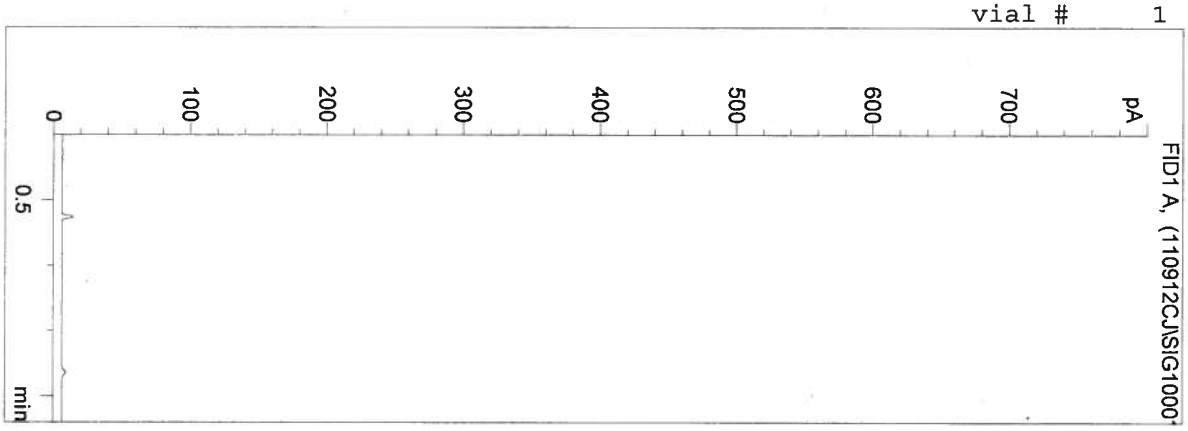
9/12/2011 8:01:59 PM
Instrument 3
DB-ALC2

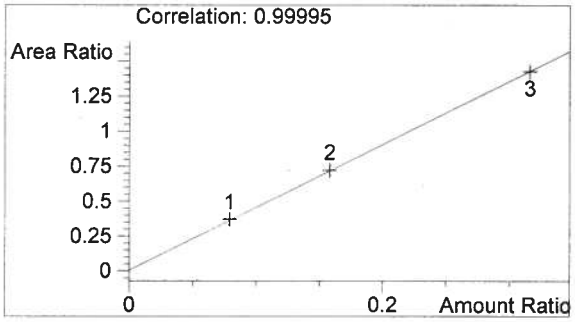
BLANK-CJ
Chris Johnston

vial # 1

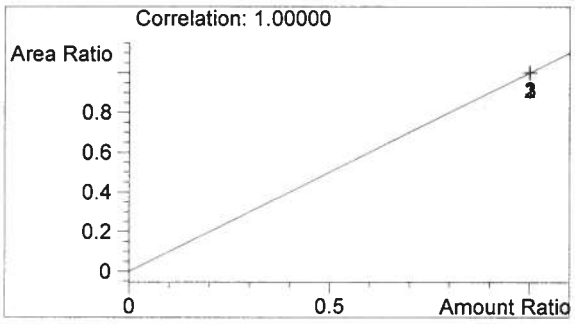


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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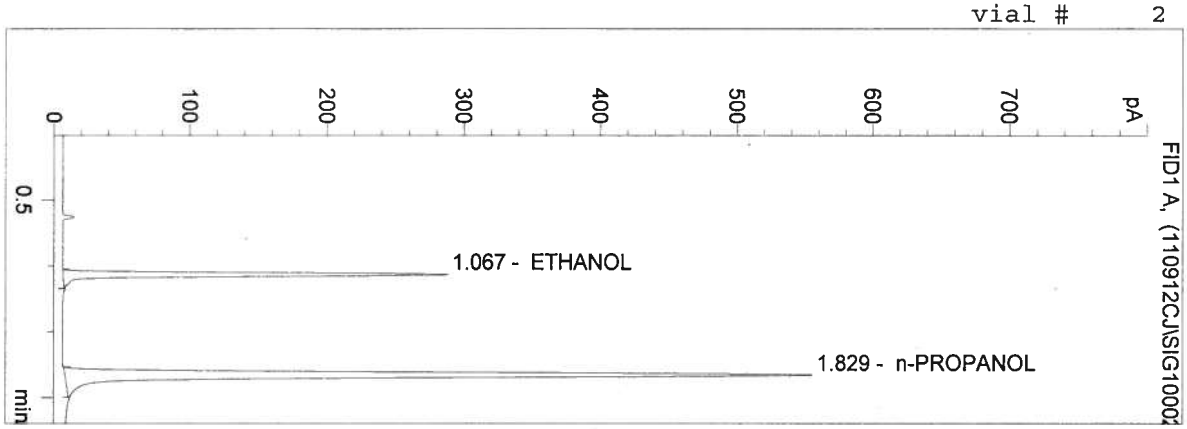
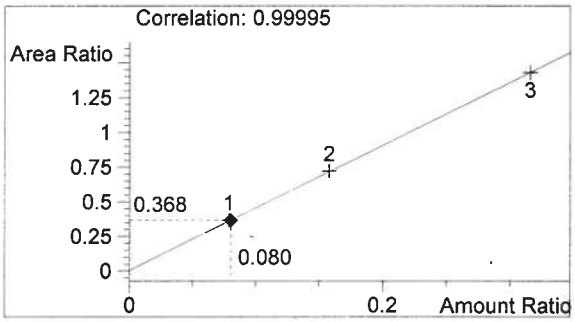
9/12/2011 8:05:06 PM
Instrument 3
DB-ALC2

0.079 CAL 1
Chris Johnston

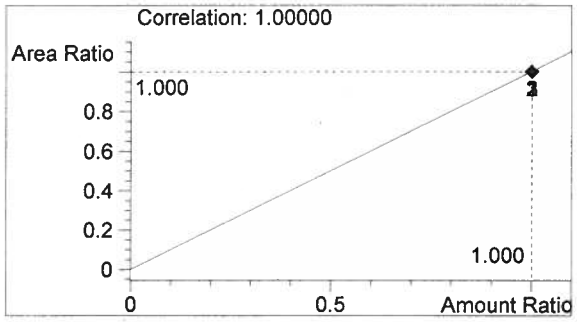
vial # 2



#	Compound	Area	RT
1	ETHANOL	566	1.067
2	n-PROPANOL	1536	1.829
Totals:			



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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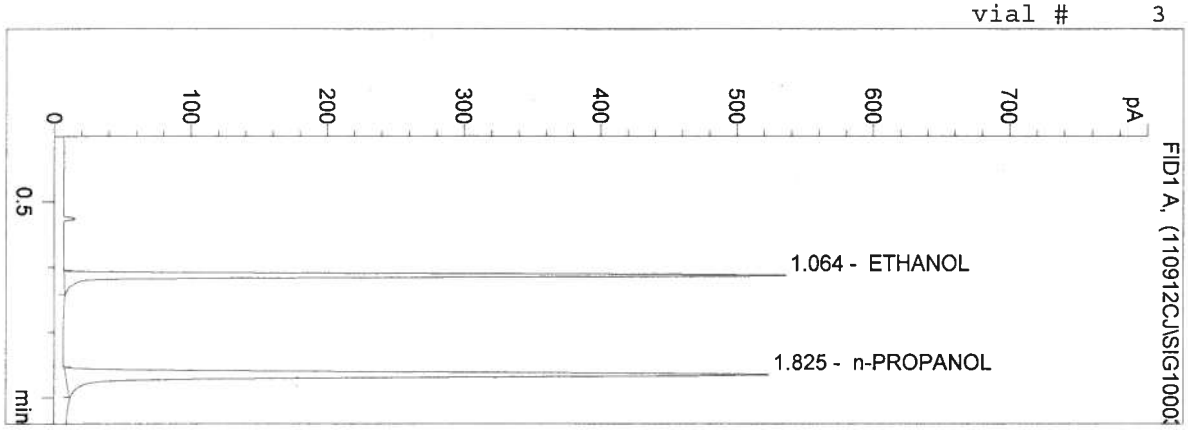
9/12/2011 8:08:14 PM
Instrument 3
DB-ALC2

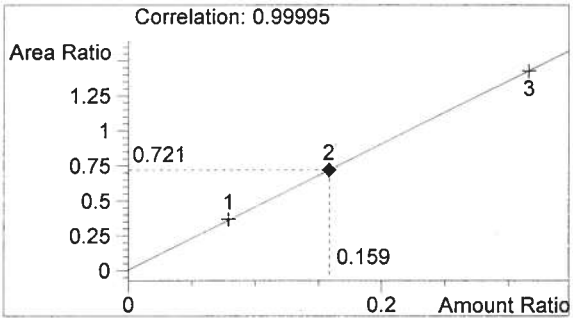
0.158 CAL 2
Chris Johnston

vial # 3

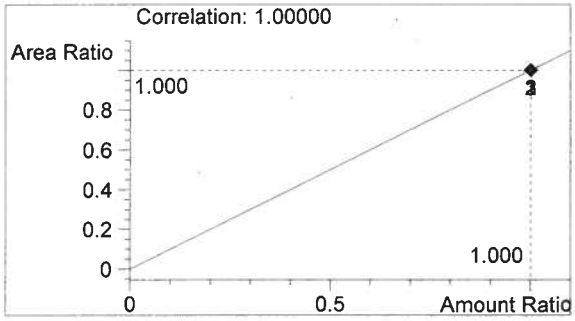


#	Compound	Area	RT
1	ETHANOL	1041	1.064
2	n-PROPANOL	1444	1.825

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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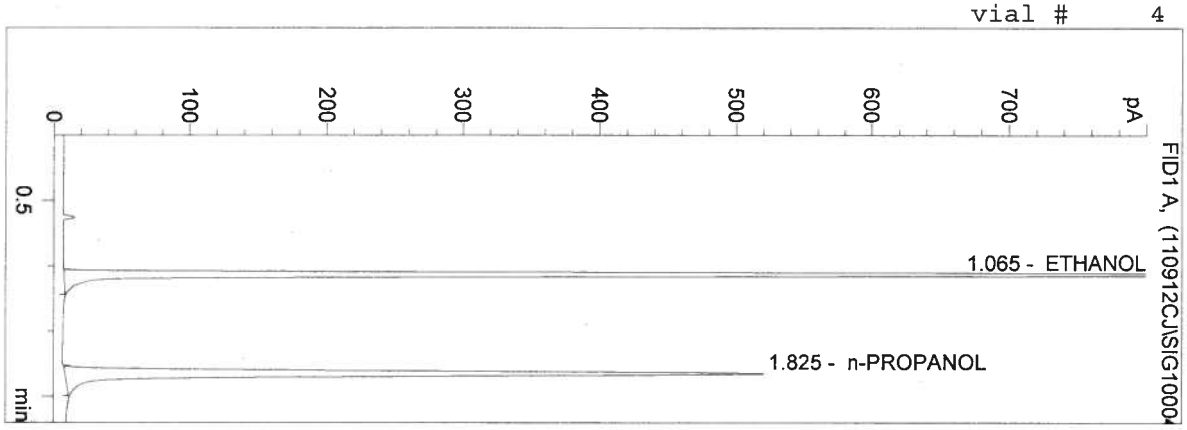
9/12/2011 8:11:21 PM
Instrument 3
DB-ALC2

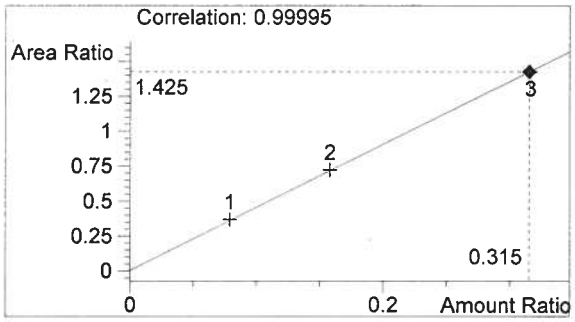
0.316 CAL 3
Chris Johnston

vial # 4

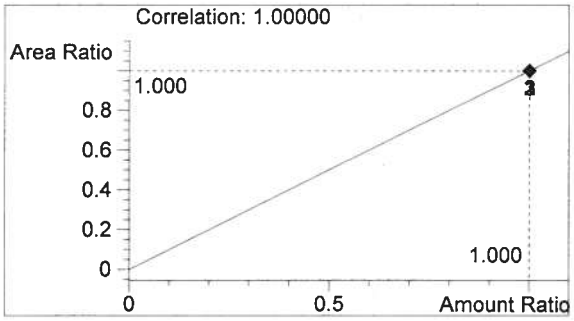


#	Compound	Area	RT
1	ETHANOL	2045	1.065
2	n-PROPANOL	1435	1.825

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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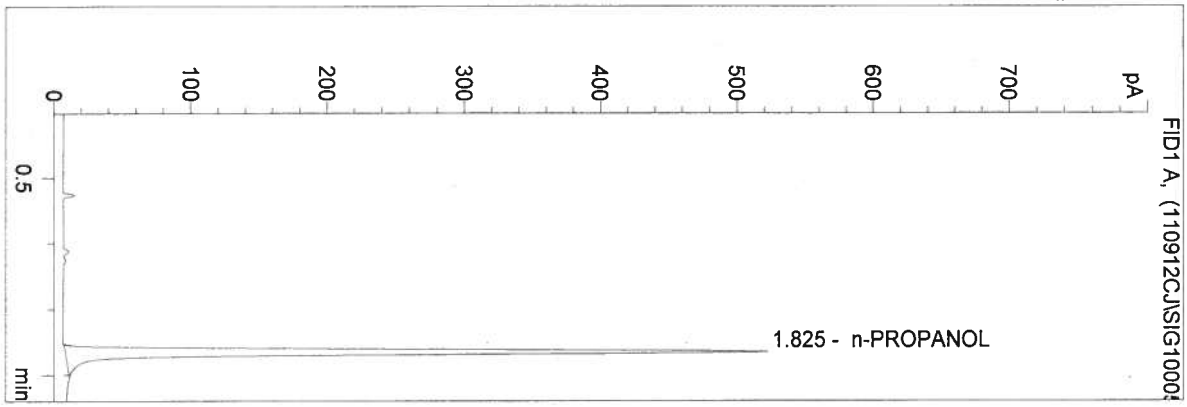
Instrument 3
DB-ALC2

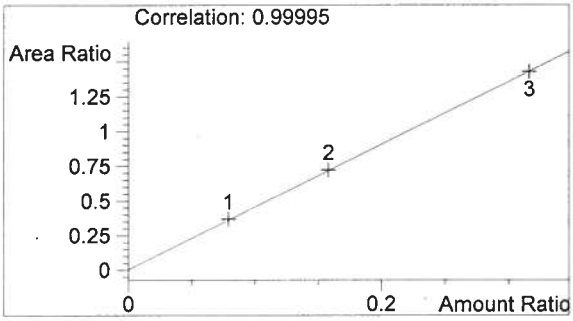
NEG CTRL-CJ
Chris Johnston

vial # 5

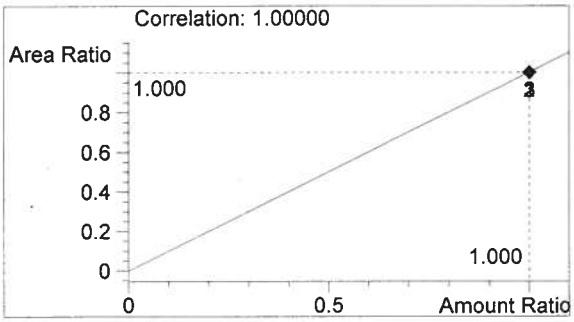


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1441	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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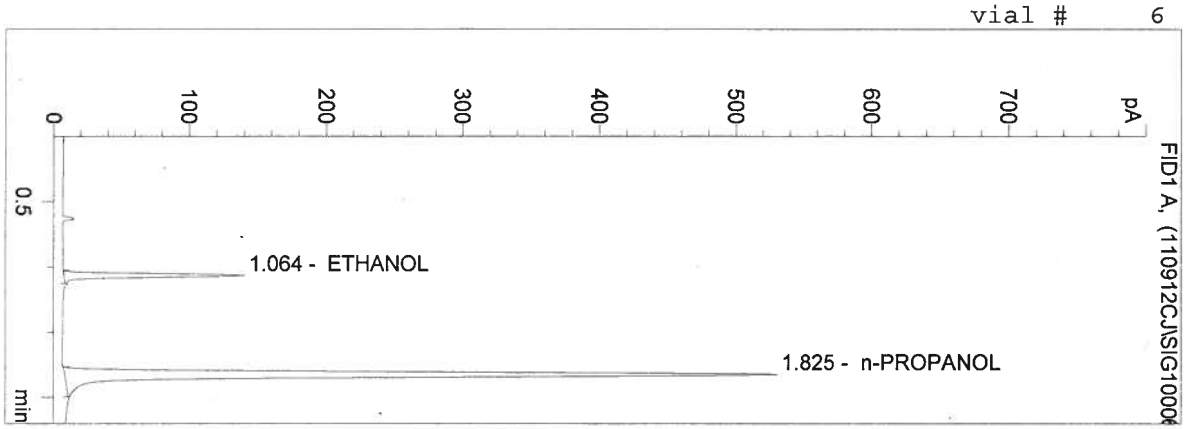
Instrument 3
DB-ALC2

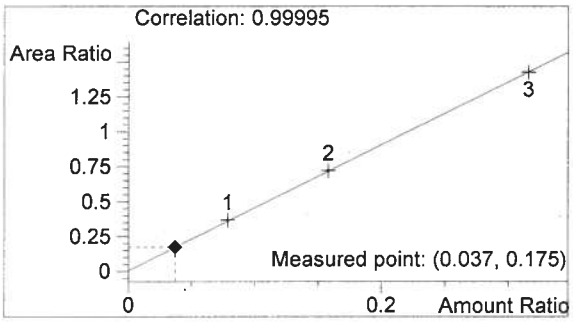
0.04 CTRL-CJ
Chris Johnston

vial # 6

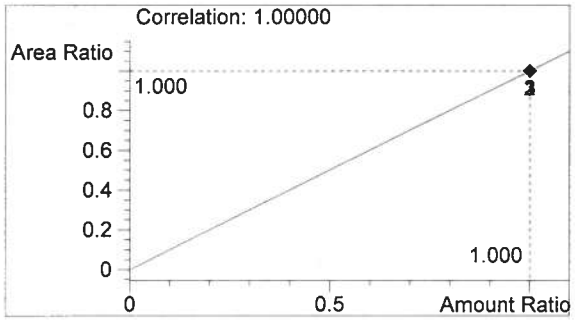


#	Compound	Area	RT
1	ETHANOL	256	1.064
2	n-PROPANOL	1466	1.825

Totals:



ETHANOL 0.037 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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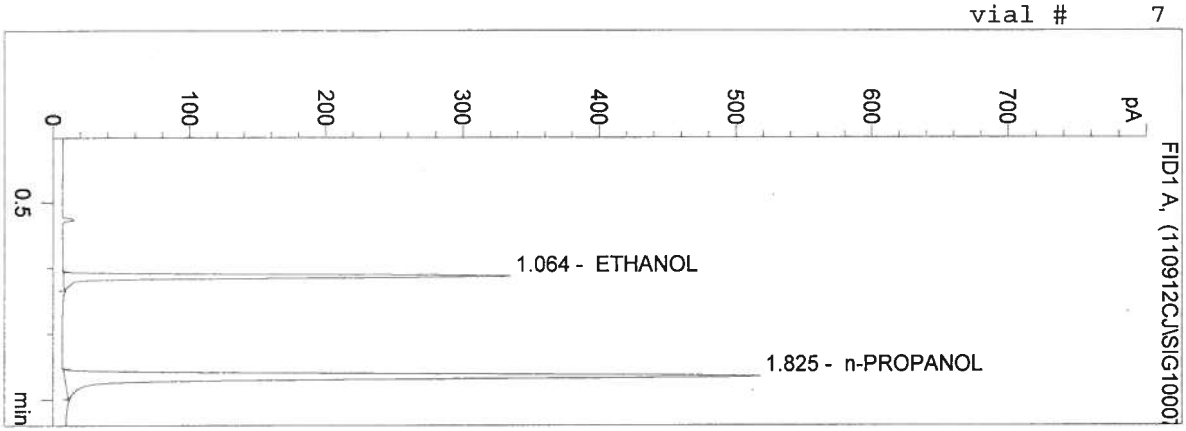
Instrument 3
DB-ALC2

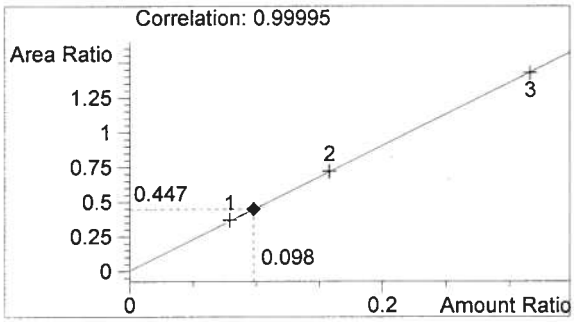
0.10 CTRL-CJ
Chris Johnston

vial # 7

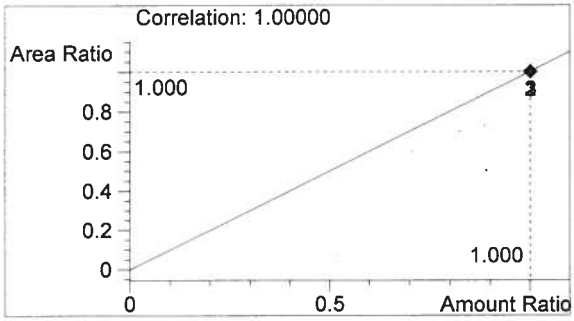


#	Compound	Area	RT
1	ETHANOL	638	1.064
2	n-PROPANOL	1427	1.825

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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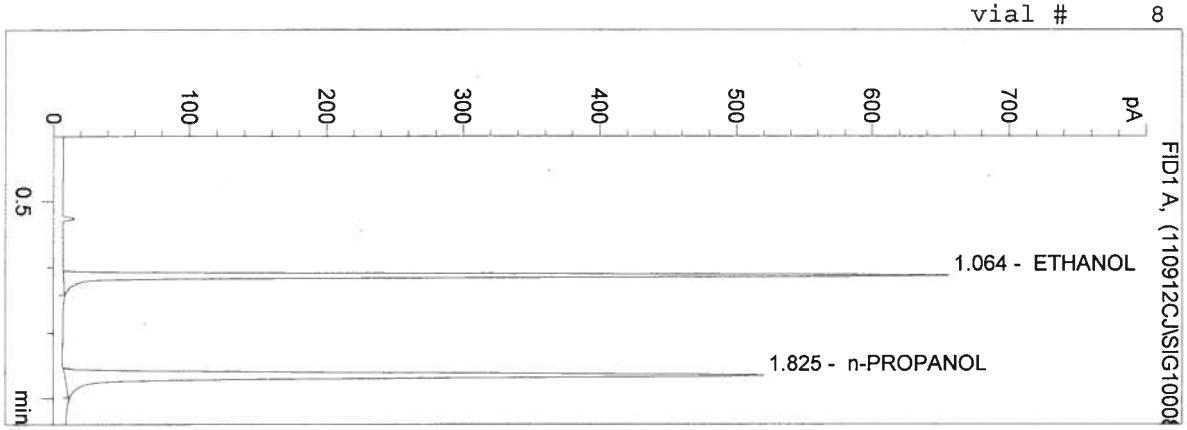
Instrument 3
DB-ALC2

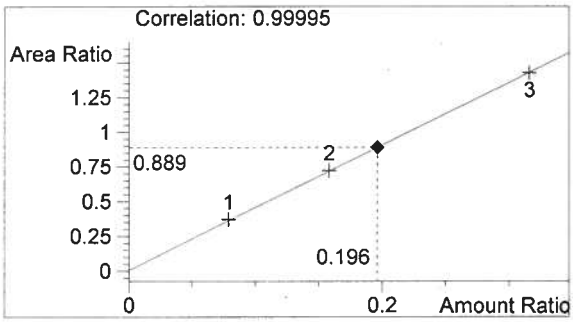
0.20 CTRL-CJ
Chris Johnston

vial # 8

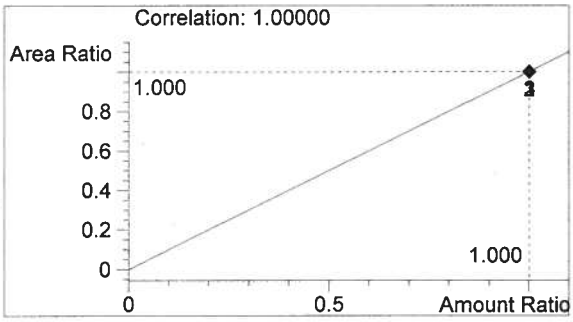


#	Compound	Area	RT
1	ETHANOL	1275	1.064
2	n-PROPANOL	1434	1.825

Totals:



ETHANOL 0.196 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

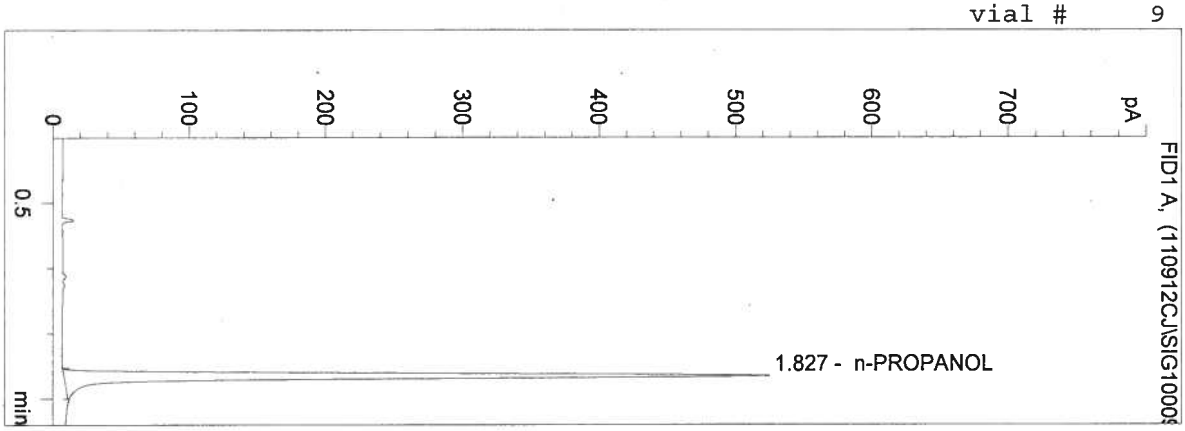
11038

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 8:26:58 PM
Instrument 3
DB-ALC2

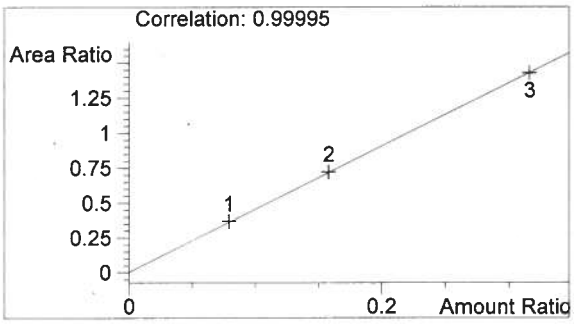
NEG CTRL-CJ
Chris Johnston

vial # 9

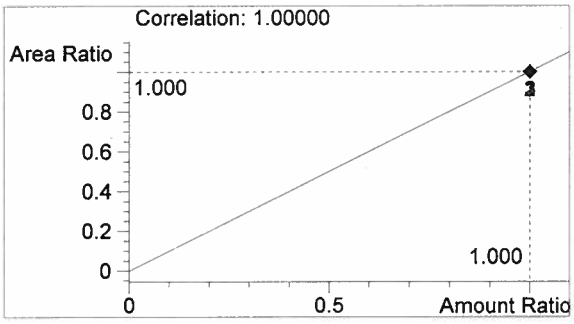


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1454	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

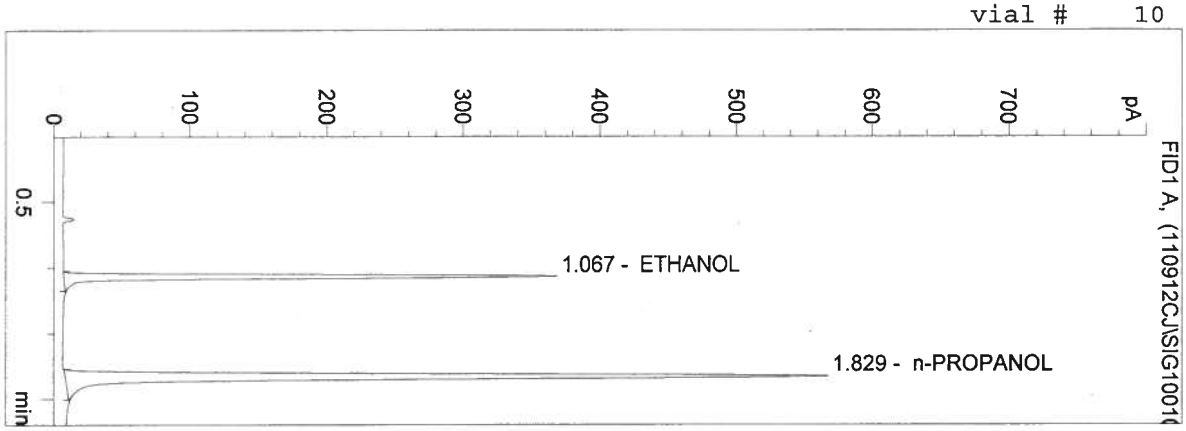
11038

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 8:30:06 PM
Instrument 3
DB-ALC2

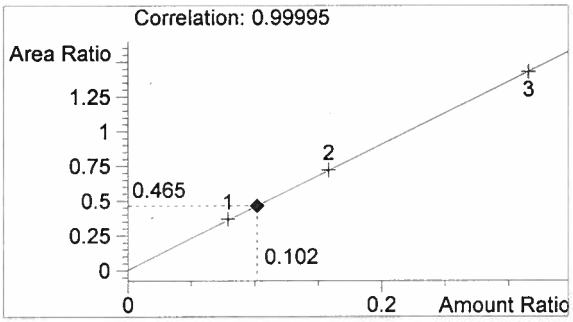
ESS 11038 #1
Chris Johnston

vial # 10

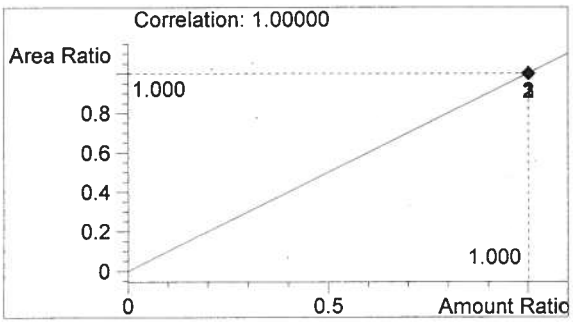


#	Compound	Area	RT
1	ETHANOL	734	1.067
2	n-PROPANOL	1580	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

a/

WASHINGTON STATE TOXICOLOGY LABORATORY

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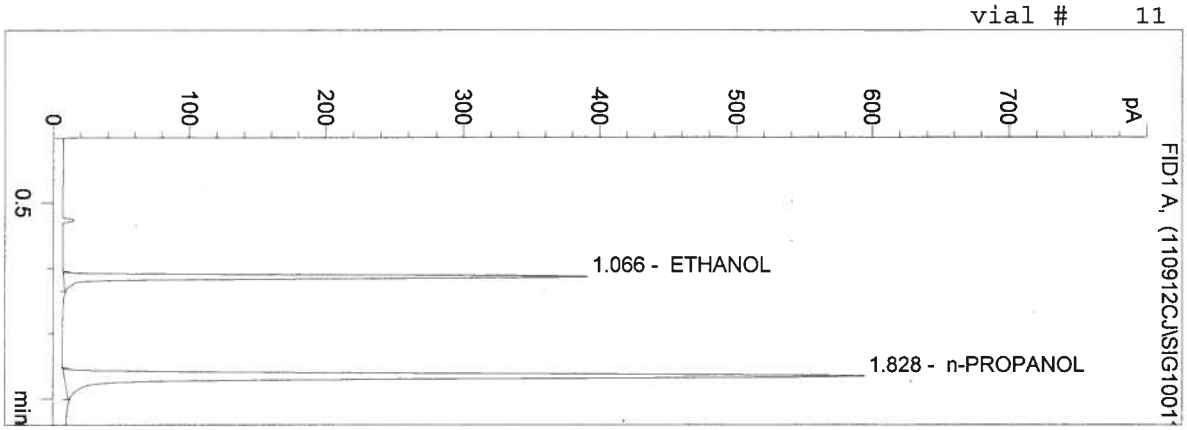
9/12/2011 8:33:13 PM
Instrument 3
DB-ALC2

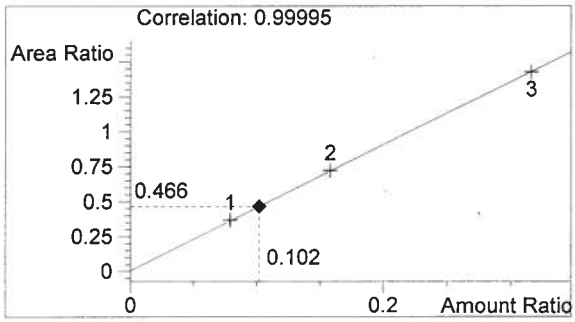
ESS 11038 #2
Chris Johnston

vial # 11

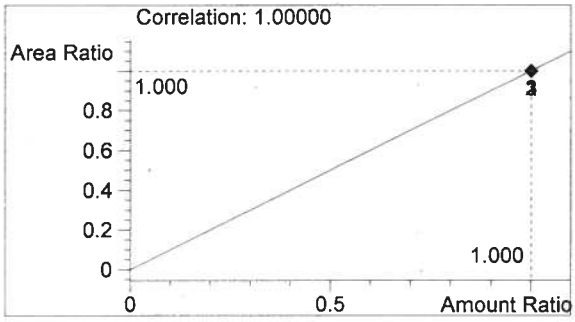


#	Compound	Area	RT
1	ETHANOL	768	1.066
2	n-PROPANOL	1650	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

a/

WASHINGTON STATE TOXICOLOGY LABORATORY

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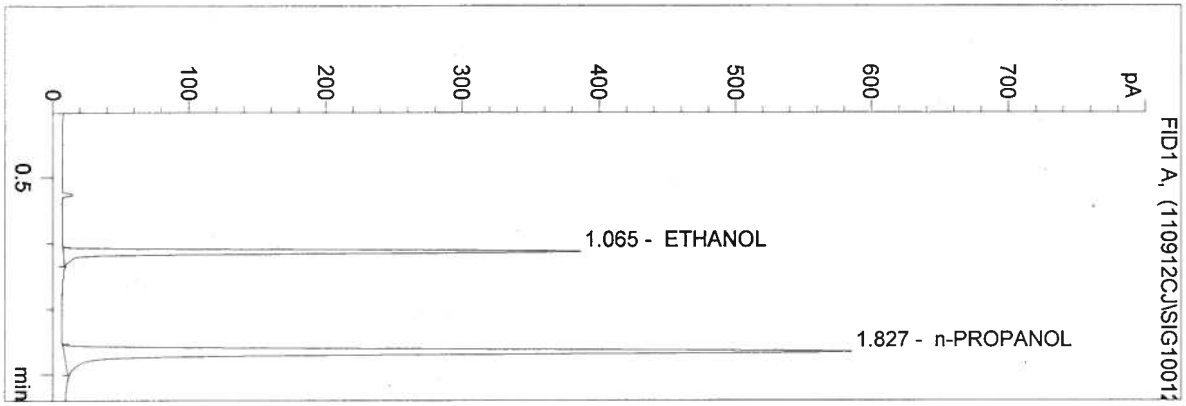
9/12/2011 8:36:20 PM
Instrument 3
DB-ALC2

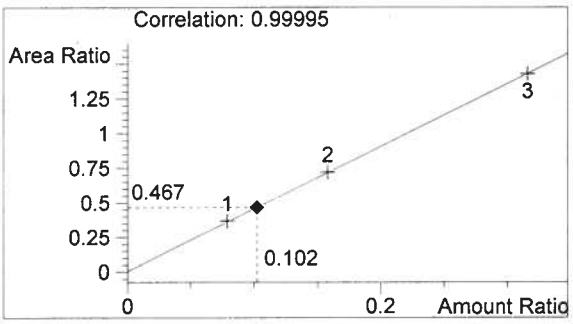
ESS 11038 #3
Chris Johnston

vial # 12

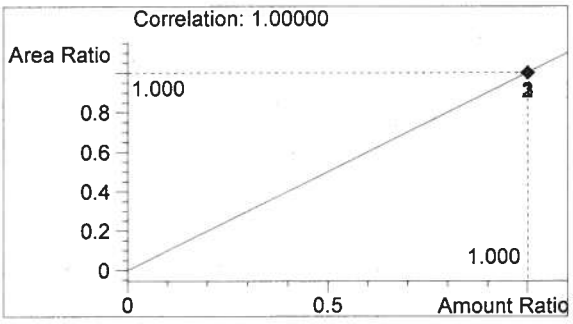


#	Compound	Area	RT
1	ETHANOL	760	1.065
2	n-PROPANOL	1627	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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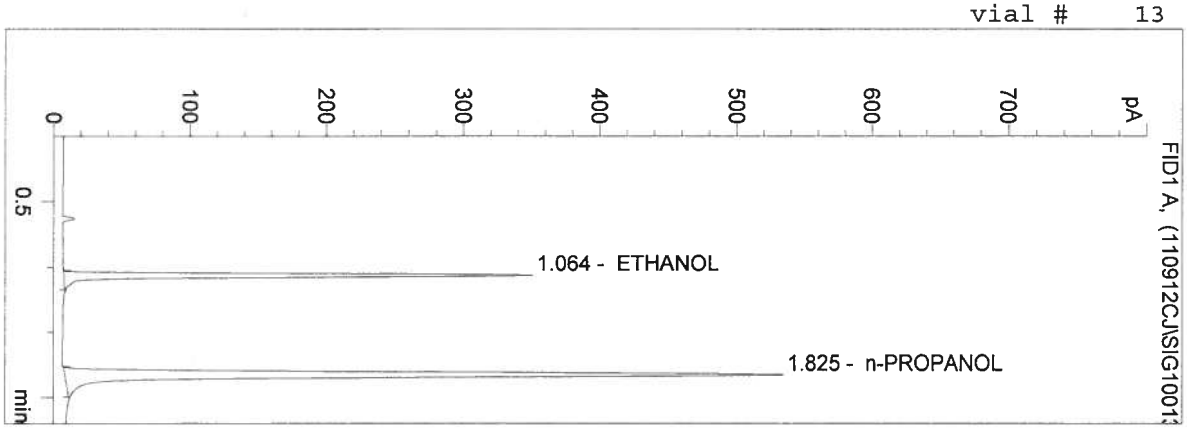
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/12/2011 8:39:27 PM
Instrument 3
DB-ALC2

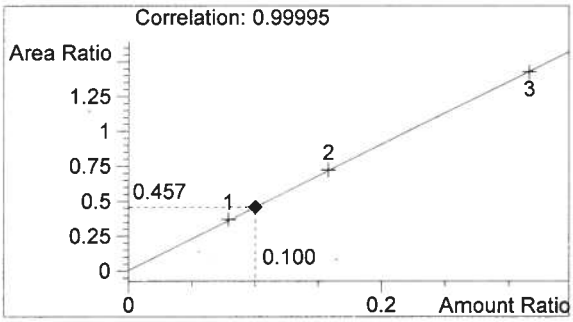
ESS 11038 #4
Chris Johnston

vial # 13

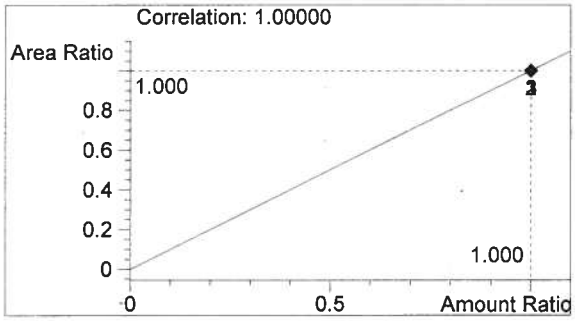


#	Compound	Area	RT
1	ETHANOL	677	1.064
2	n-PROPANOL	1479	1.825

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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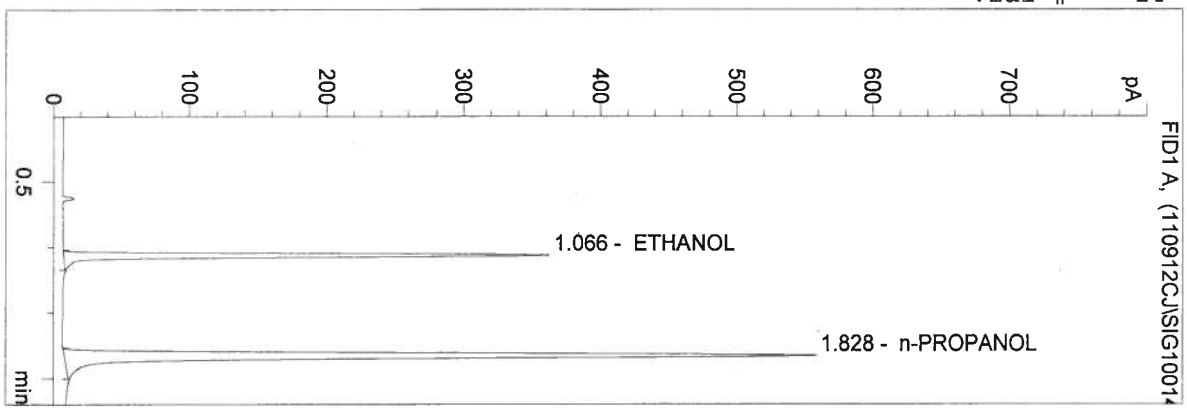
9/12/2011 8:42:35 PM
Instrument 3
DB-ALC2

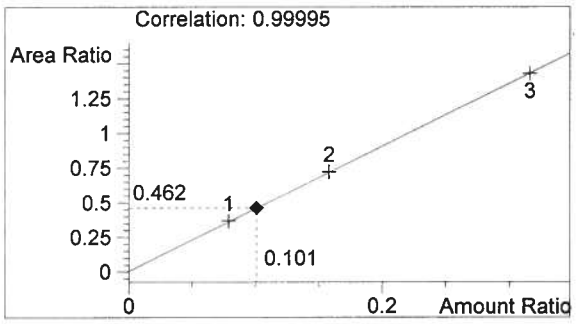
ESS 11038 #5
Chris Johnston

vial # 14

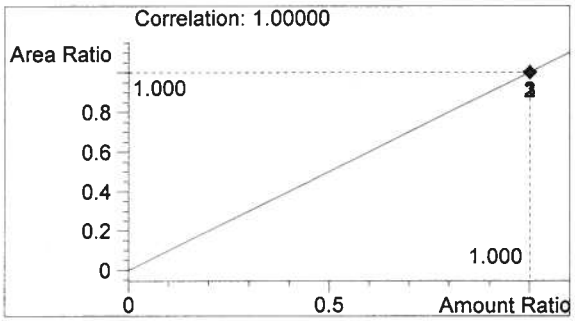


#	Compound	Area	RT
1	ETHANOL	718	1.066
2	n-PROPANOL	1555	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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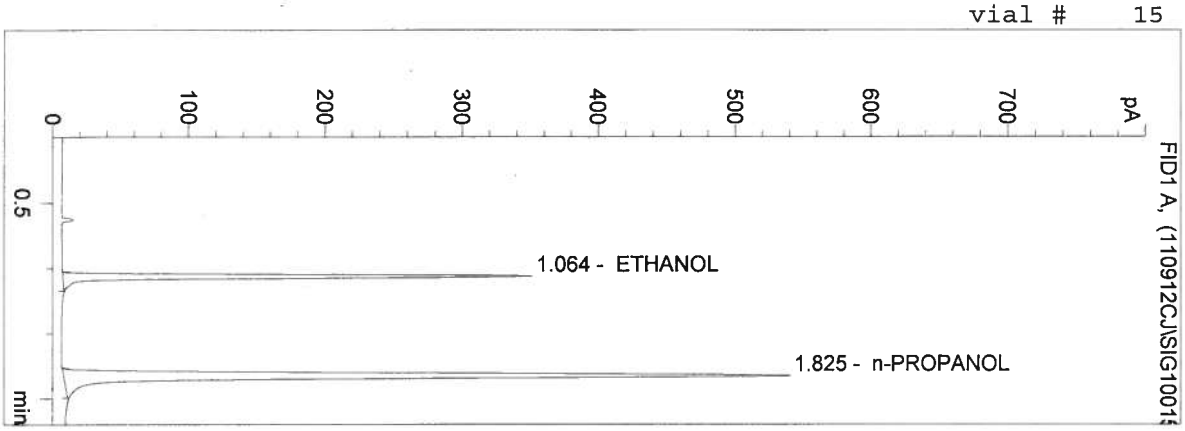
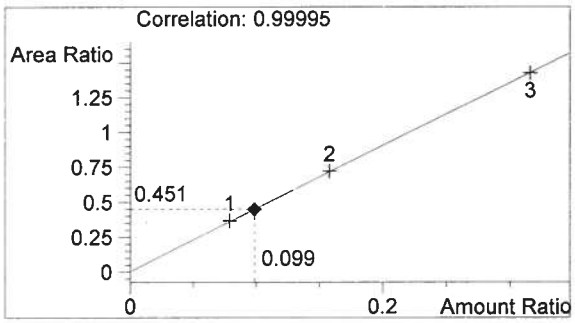
9/12/2011 8:45:42 PM
Instrument 3
DB-ALC2

0.10 CTRL-CJ
Chris Johnston

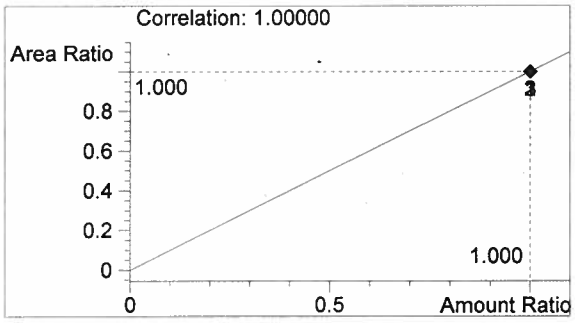
vial # 15



#	Compound	Area	RT
1	ETHANOL	672	1.064
2	n-PROPANOL	1493	1.825
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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11038

WASHINGTON STATE TOXICOLOGY LABORATORY

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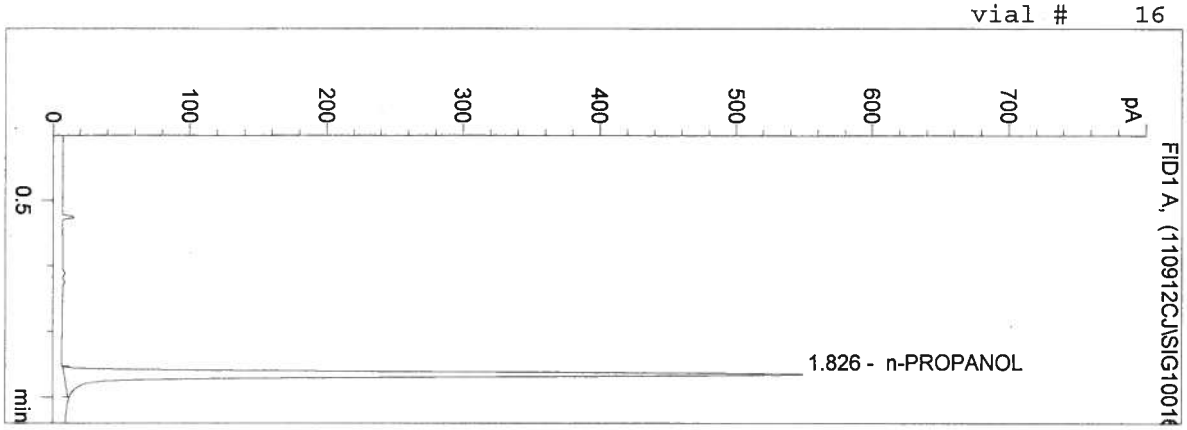
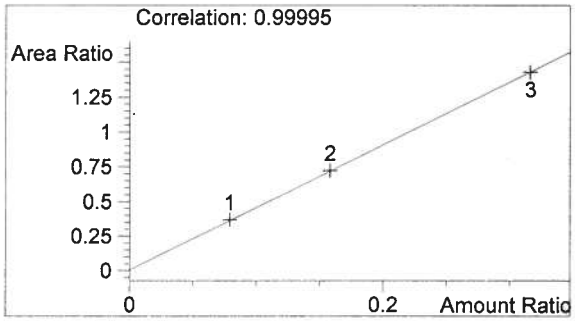
9/12/2011 8:48:50 PM
Instrument 3
DB-ALC2

NEG CTRL-CJ
Chris Johnston

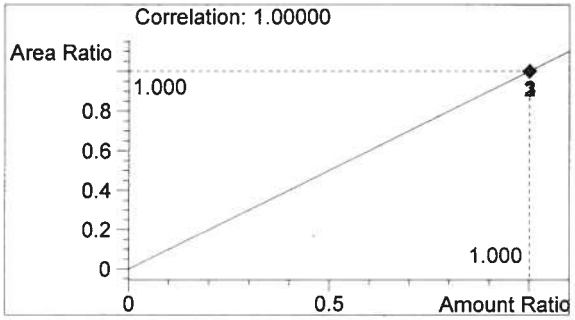
vial # 16



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1514	1.826
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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11038

Sequence Parameters:

Operator:	Brianne E. O'Reilly
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	110913BO
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CONTROL-BO	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-BO	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BO	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BO	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-BO	SIMALC3	1	Ctrl Samp		
10	Vial 10	11038 #1	SIMALC3	1	Sample		
11	Vial 11	11038 #2	SIMALC3	1	Sample		
12	Vial 12	11038 #3	SIMALC3	1	Sample		
13	Vial 13	11038 #4	SIMALC3	1	Sample		
14	Vial 14	11038 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CONTROL-BO	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-BO	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

11038

Sequence Table (Back Injector):

No entries - empty table!

11038

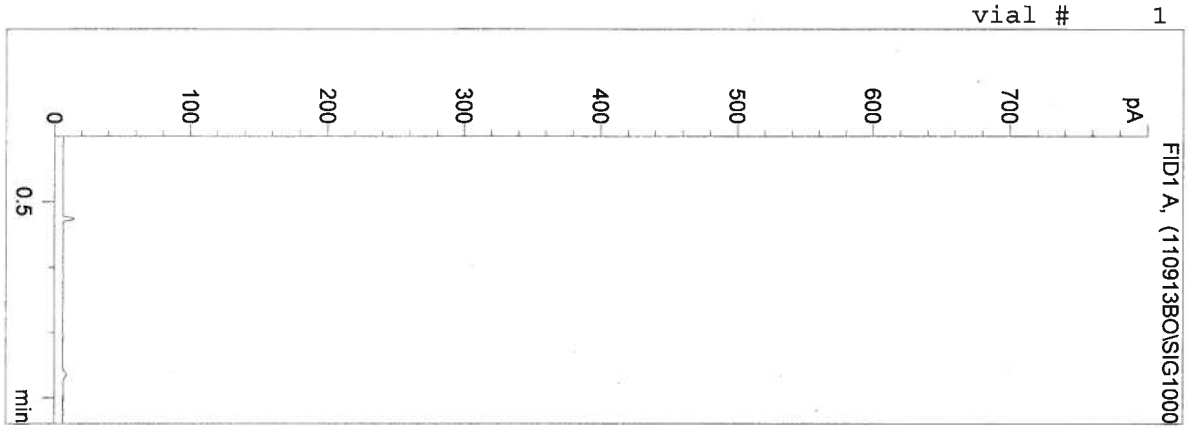
BAD

WASHINGTON STATE TOXICOLOGY LABORATORY

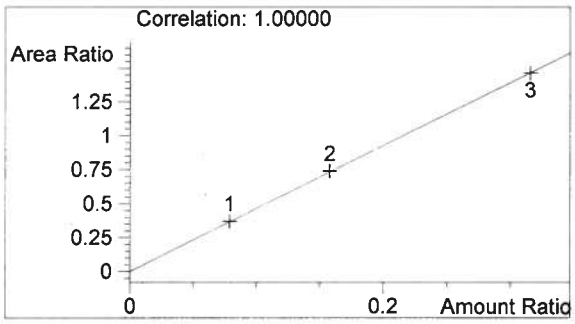
C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:16:23 PM
Instrument 3
DB-ALC2

BLANK
Brianne E. O'Reilly

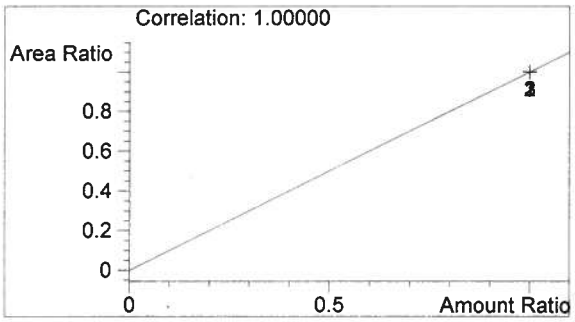
vial # 1



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

11038

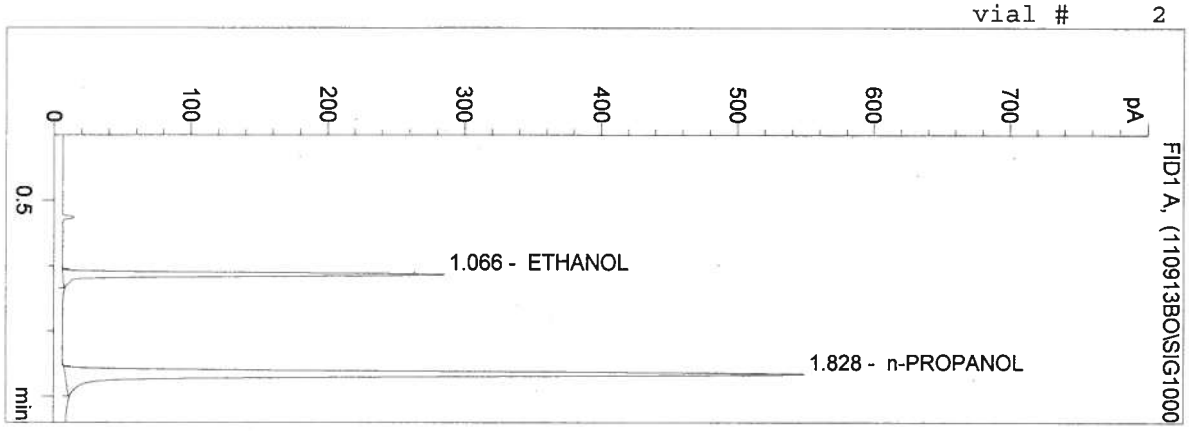
BW

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:19:30 PM
Instrument 3
DB-ALC2

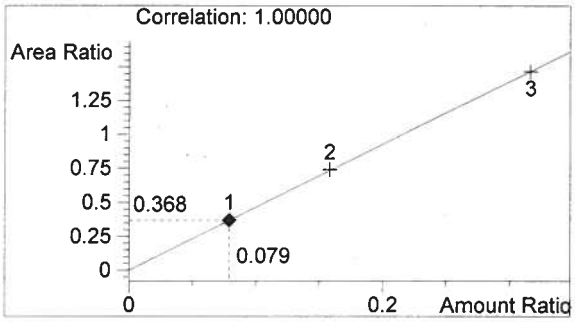
0.079 CAL 1
Brianne E. O'Reilly

vial # 2

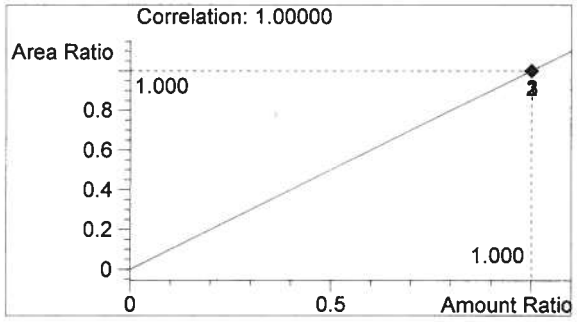


#	Compound	Area	RT
1	ETHANOL	558	1.066
2	n-PROPANOL	1518	1.828

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

11038

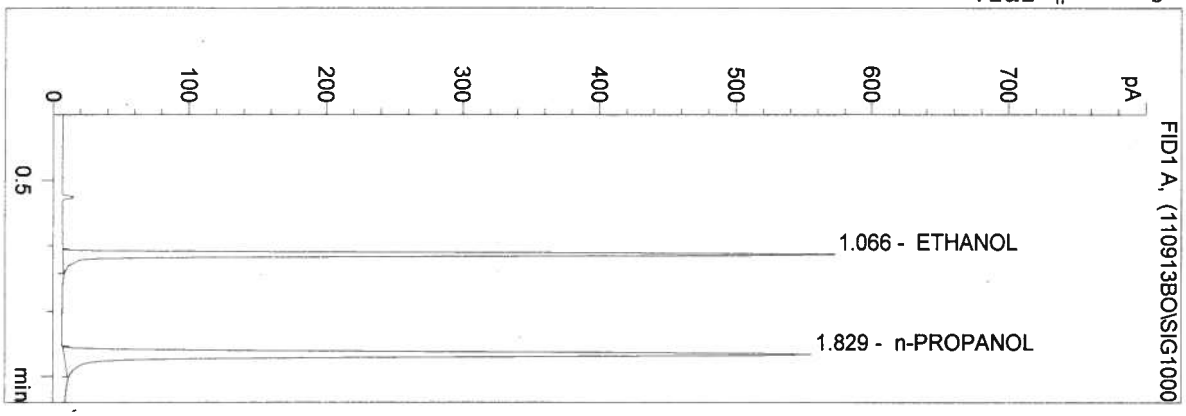
BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:22:37 PM
Instrument 3
DB-ALC2

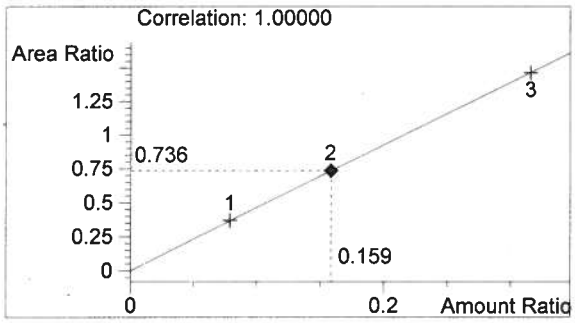
0.158 CAL 2
Brianne E. O'Reilly

vial # 3

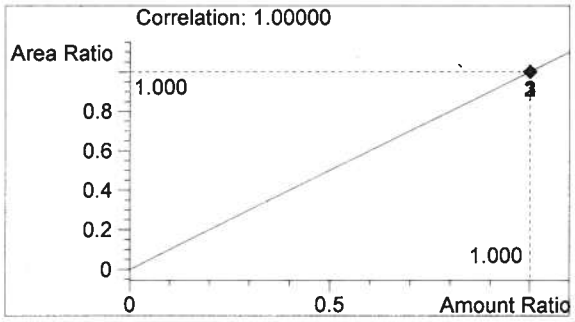


#	Compound	Area	RT
1	ETHANOL	1129	1.066
2	n-PROPANOL	1533	1.829

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

11038

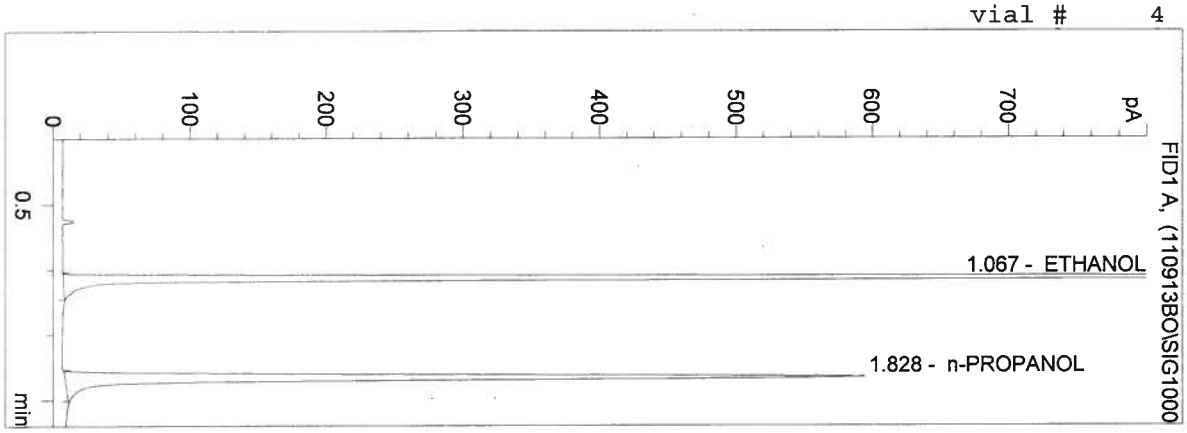
BEO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:25:45 PM
Instrument 3
DB-ALC2

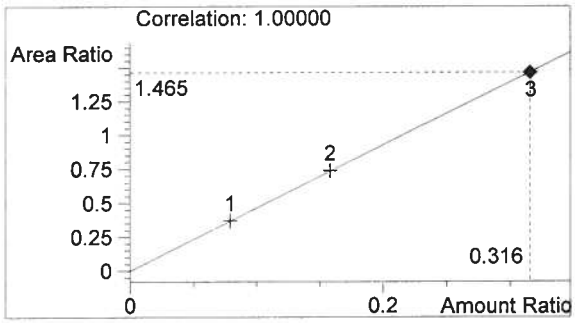
0.316 CAL 3
Brianne E. O'Reilly

vial # 4

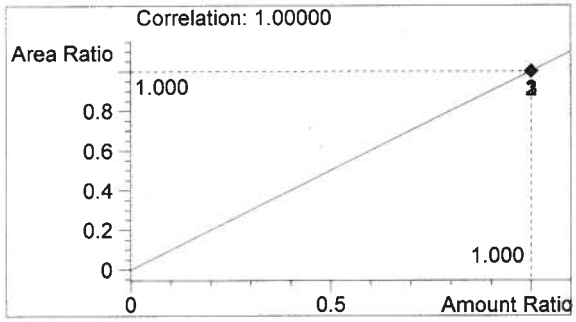


#	Compound	Area	RT
1	ETHANOL	2414	1.067
2	n-PROPANOL	1649	1.828

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

11038

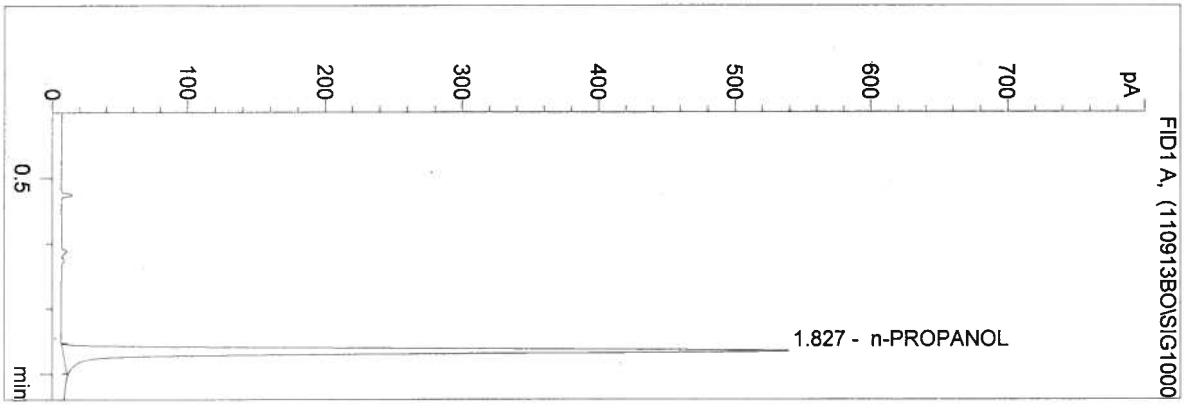
BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:28:52 PM
Instrument 3
DB-ALC2

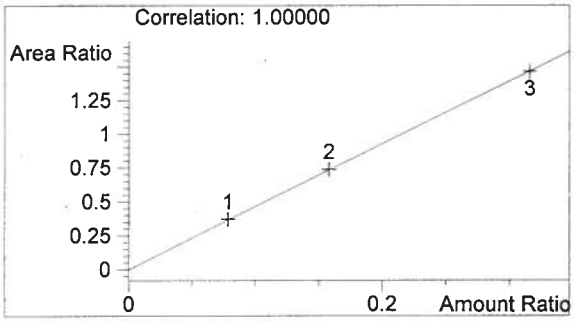
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 5

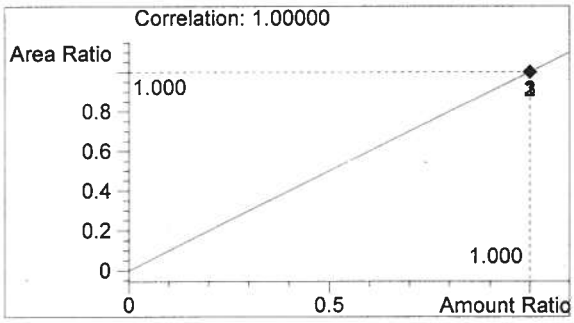


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1497	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

11038

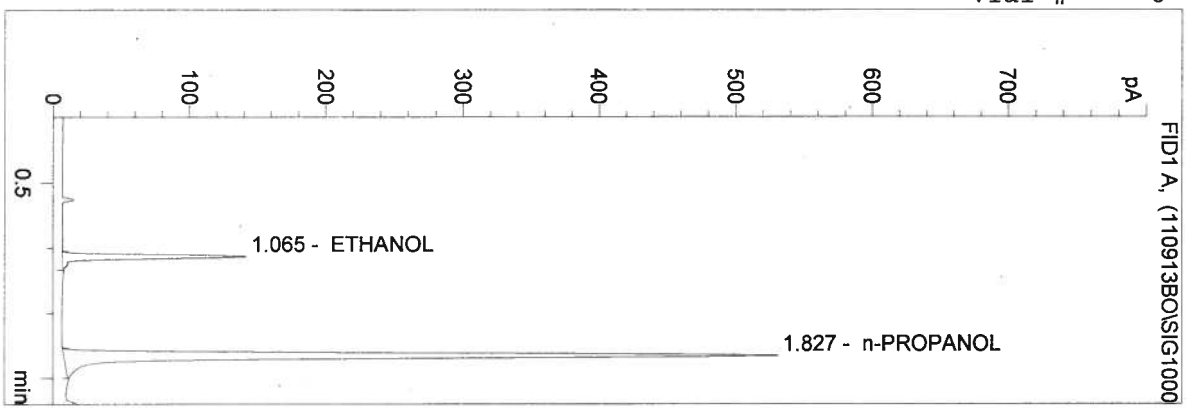
BEO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:31:59 PM
Instrument 3
DB-ALC2

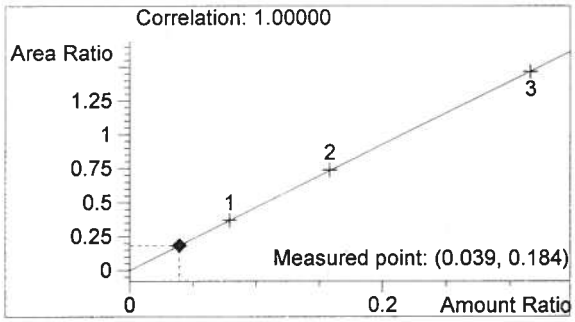
0.04 CONTROL-BO
Brianne E. O'Reilly

vial # 6

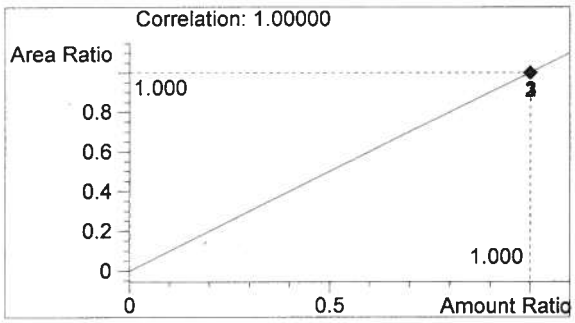


#	Compound	Area	RT
1	ETHANOL	272	1.065
2	n-PROPANOL	1476	1.827

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

11039

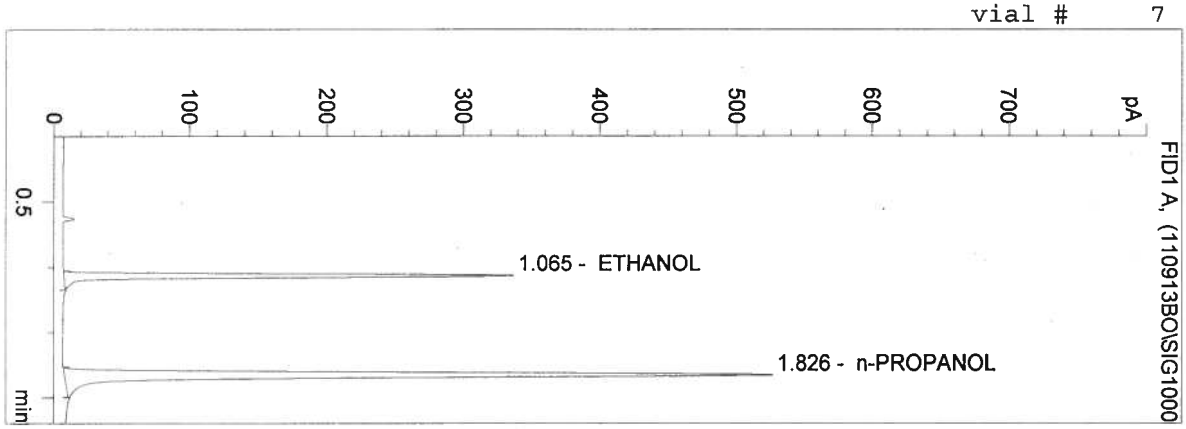
BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:35:07 PM
Instrument 3
DB-ALC2

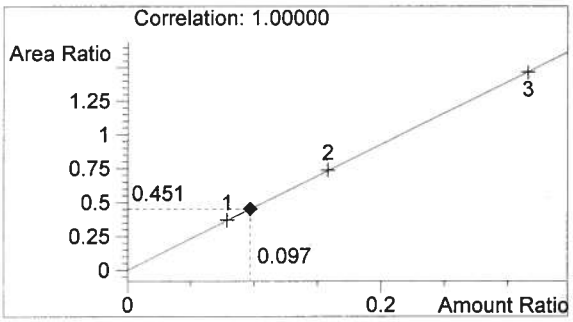
0.10 CONTROL-BO
Brianne E. O'Reilly

vial # 7

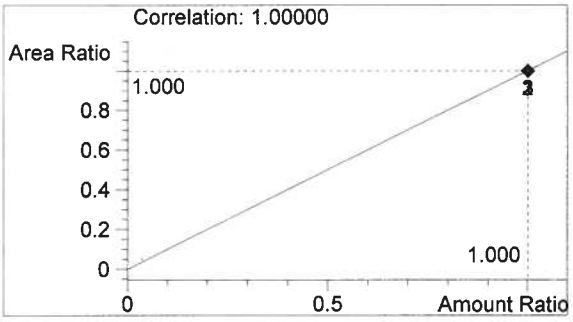


#	Compound	Area	RT
1	ETHANOL	660	1.065
2	n-PROPANOL	1461	1.826

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

11038

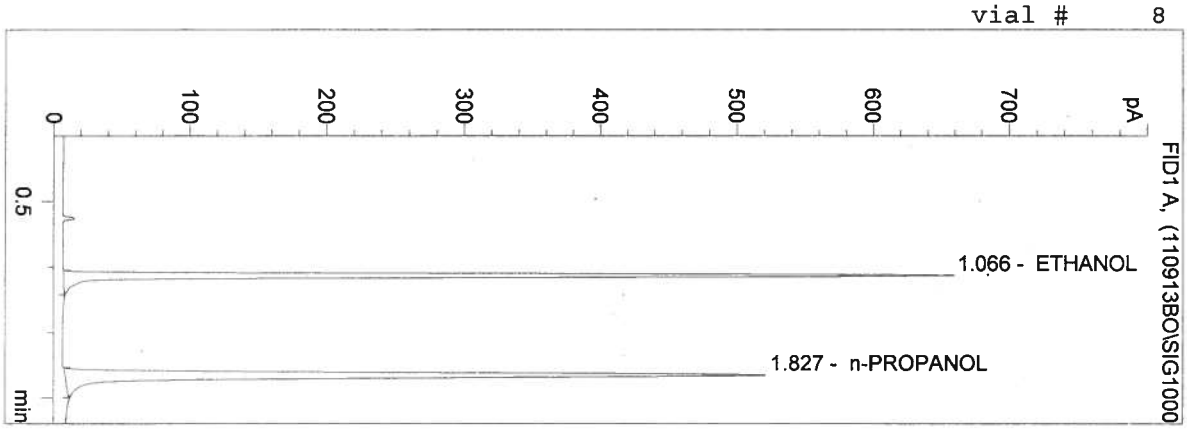
BWO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:38:14 PM
Instrument 3
DB-ALC2

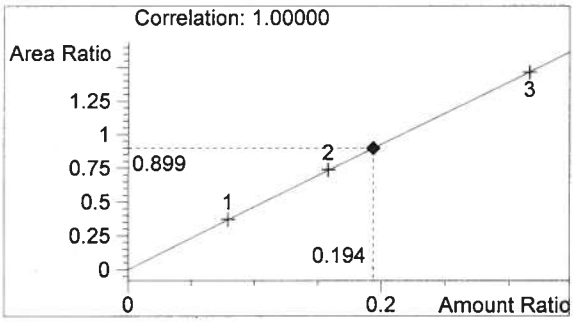
0.20 CONTROL-BO
Brianne E. O'Reilly

vial # 8

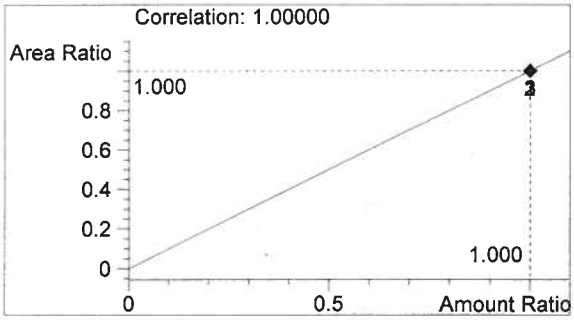


#	Compound	Area	RT
1	ETHANOL	1294	1.066
2	n-PROPANOL	1439	1.827

Totals:



ETHANOL 0.194 g/100ml



n-PROPANOL 1.000 g/100ml

11038

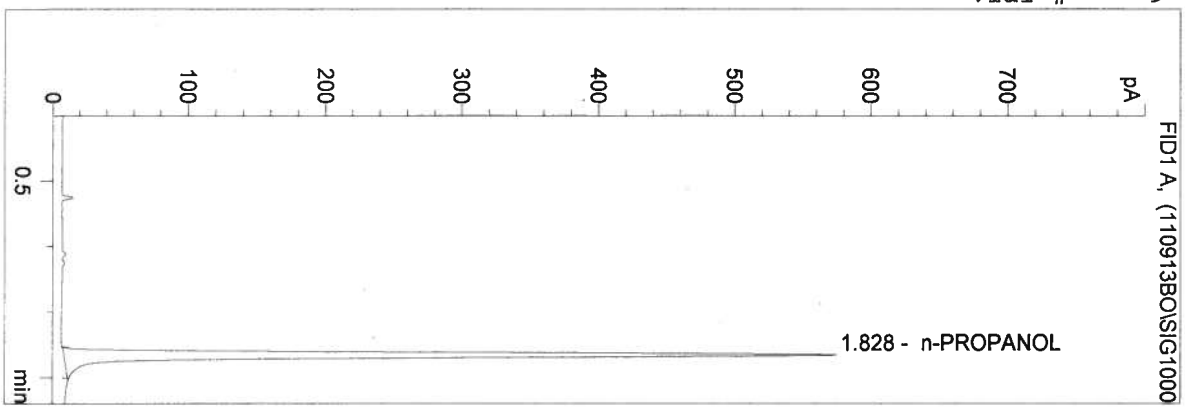
BWO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:41:22 PM
Instrument 3
DB-ALC2

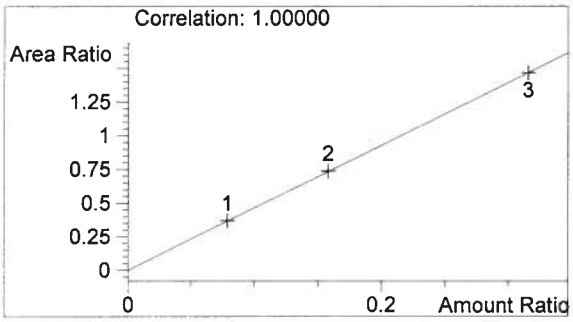
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 9

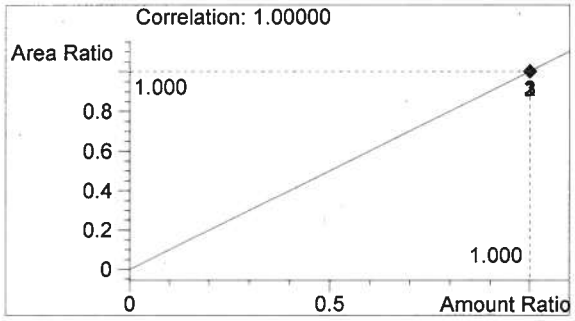


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1594	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

11038

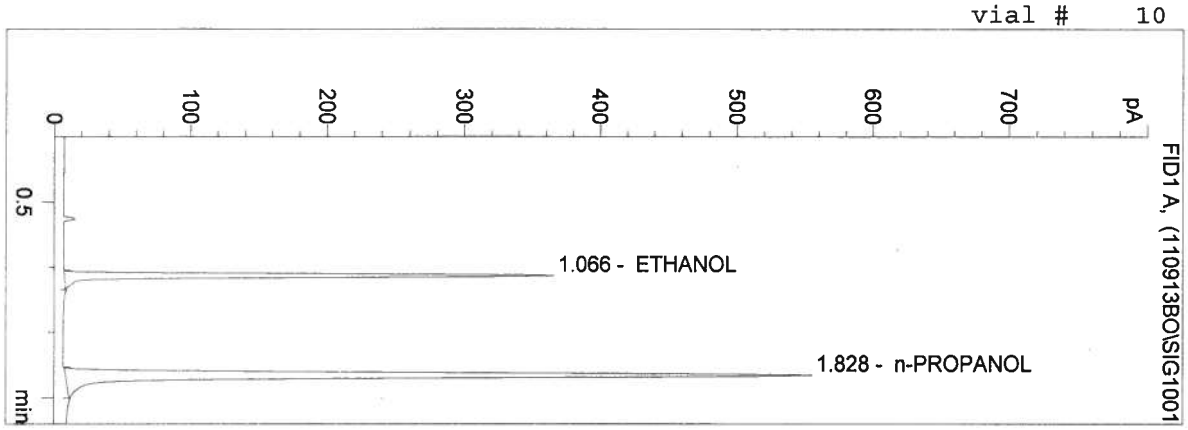
BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:44:29 PM
Instrument 3
DB-ALC2

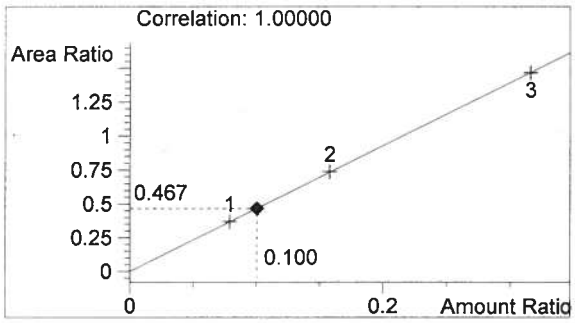
11038 #1
Brianne E. O'Reilly

vial # 10

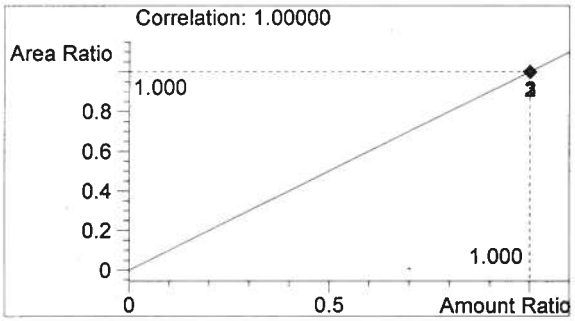


#	Compound	Area	RT
1	ETHANOL	718	1.066
2	n-PROPANOL	1539	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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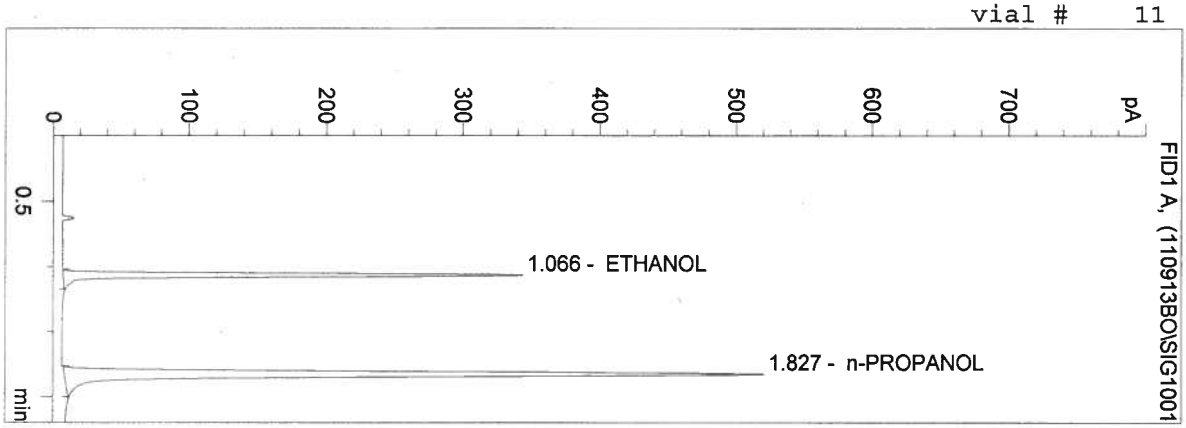
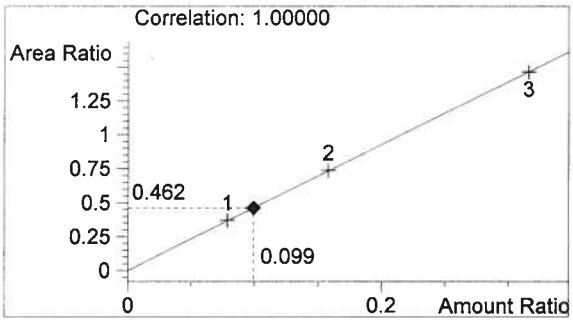
9/13/2011 3:47:36 PM
Instrument 3
DB-ALC2

11038 #2
Brianne E. O'Reilly

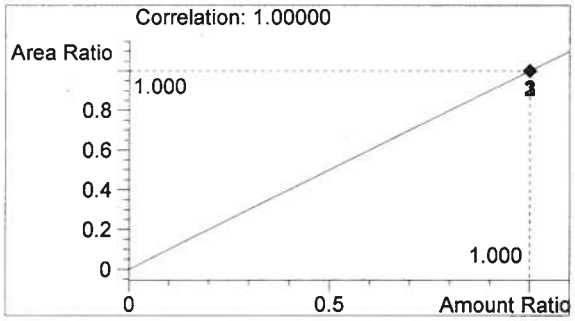
vial # 11



#	Compound	Area	RT
1	ETHANOL	666	1.066
2	n-PROPANOL	1442	1.827
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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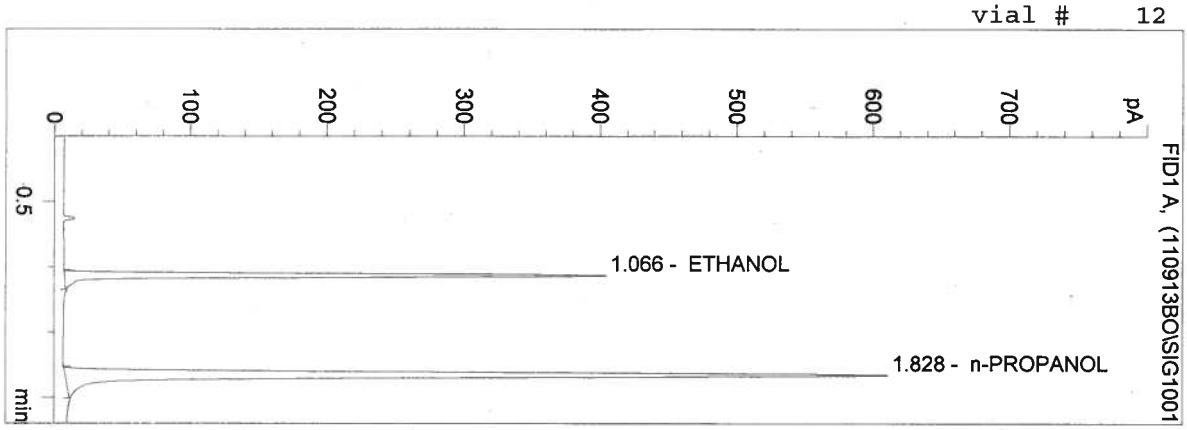
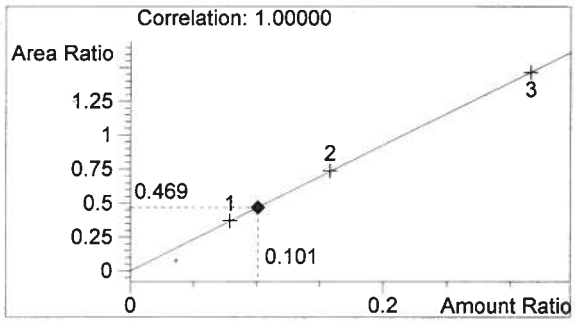
9/13/2011 3:50:43 PM
Instrument 3
DB-ALC2

11038 #3
Brianne E. O'Reilly

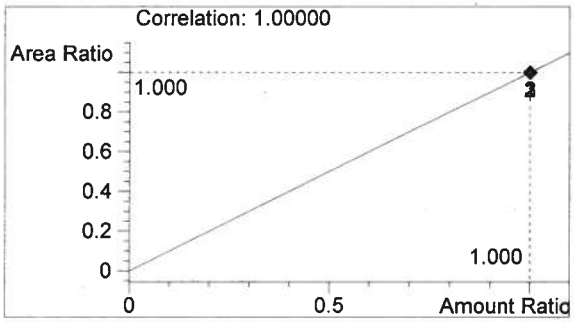
vial # 12



#	Compound	Area	RT
1	ETHANOL	796	1.066
2	n-PROPANOL	1696	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

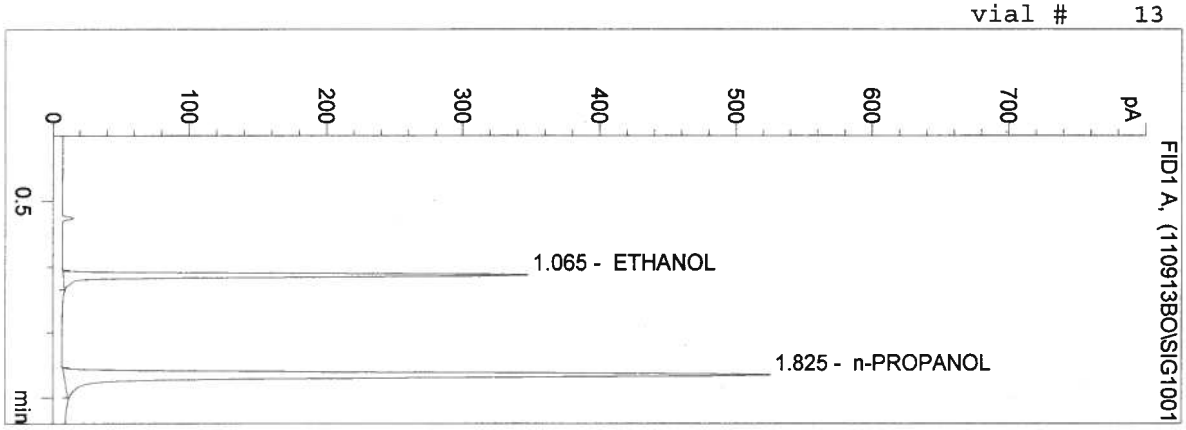
BEO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 3:53:51 PM
Instrument 3
DB-ALC2

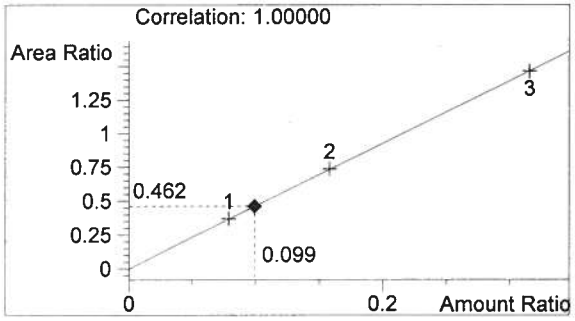
11038 #4
Brianne E. O'Reilly

vial # 13

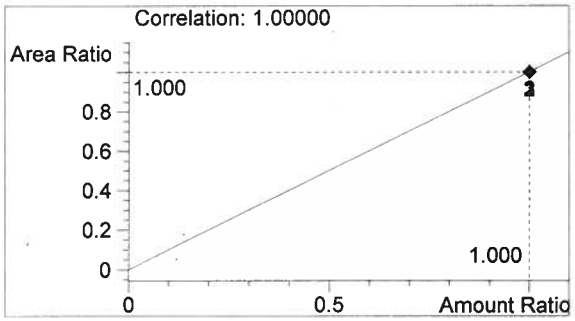


#	Compound	Area	RT
1	ETHANOL	672	1.065
2	n-PROPANOL	1455	1.825

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

2WD

WASHINGTON STATE TOXICOLOGY LABORATORY

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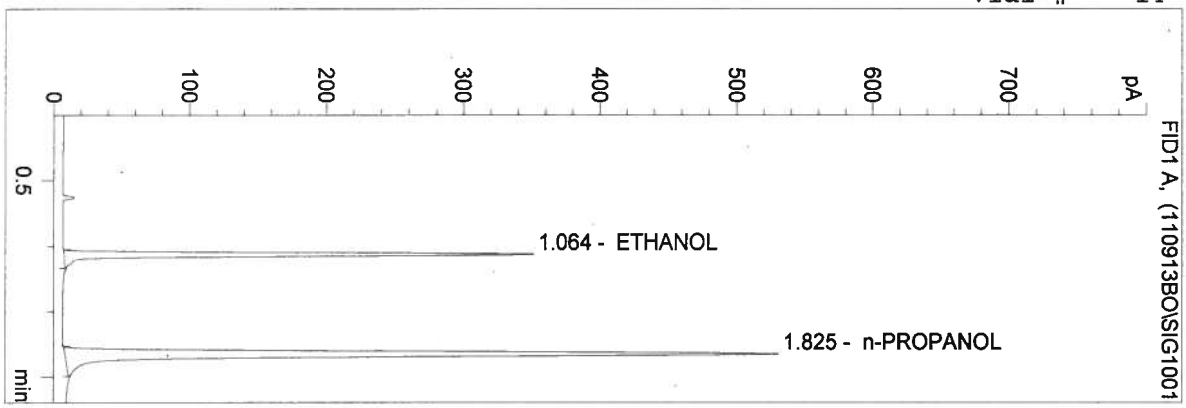
9/13/2011 3:56:58 PM
Instrument 3
DB-ALC2

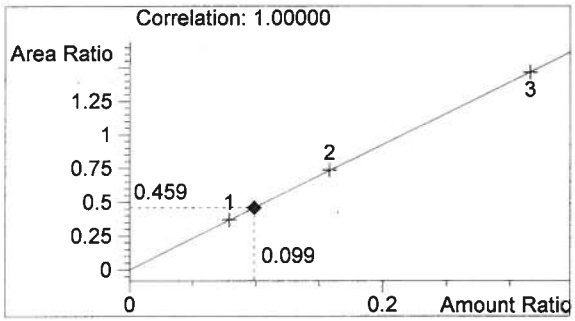
11038 #5
Brianne E. O'Reilly

vial # 14

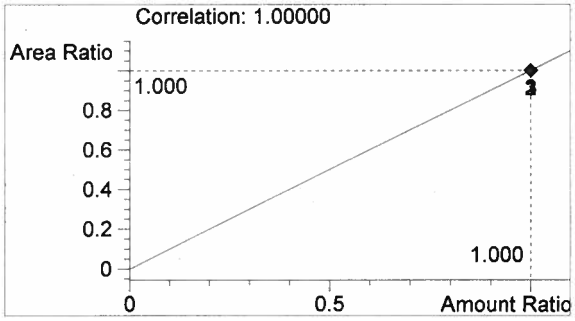


#	Compound	Area	RT
1	ETHANOL	673	1.064
2	n-PROPANOL	1465	1.825

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

BEO

WASHINGTON STATE TOXICOLOGY LABORATORY

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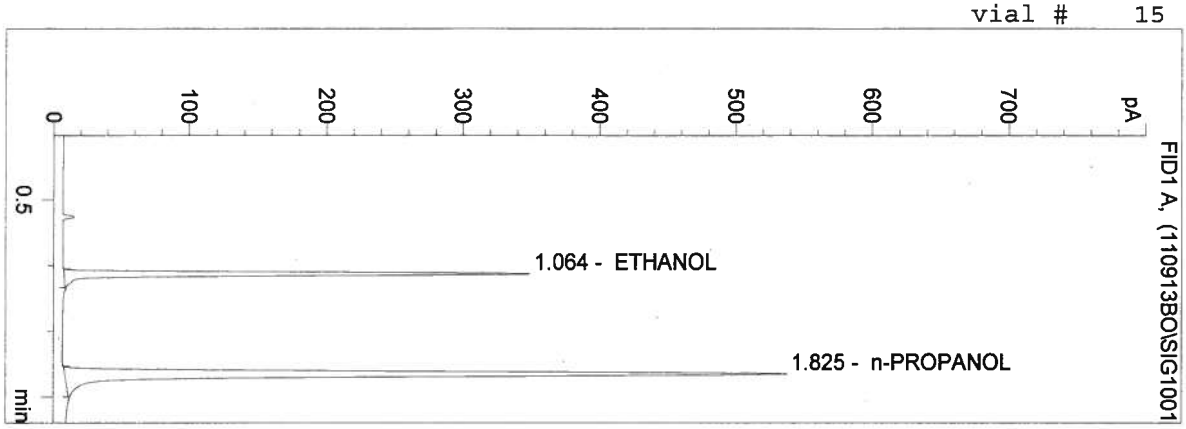
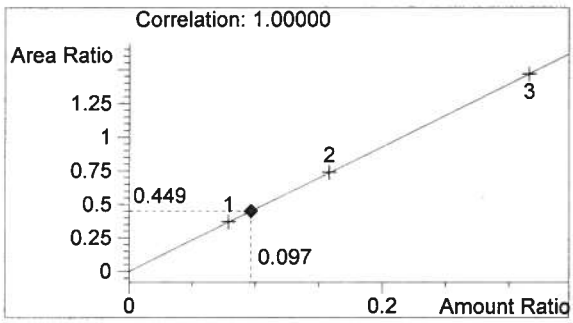
9/13/2011 4:00:06 PM
Instrument 3
DB-ALC2

0.10 CONTROL-BO
Brianne E. O'Reilly

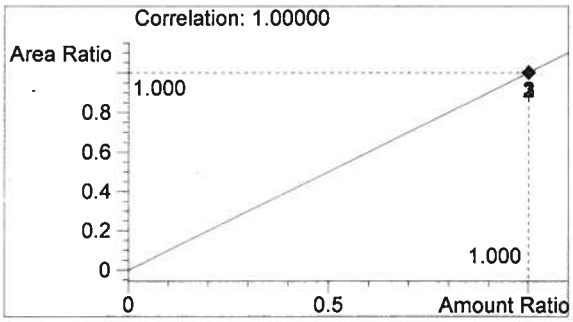
vial # 15



#	Compound	Area	RT
1	ETHANOL	666	1.064
2	n-PROPANOL	1481	1.825
Totals:			



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

11038

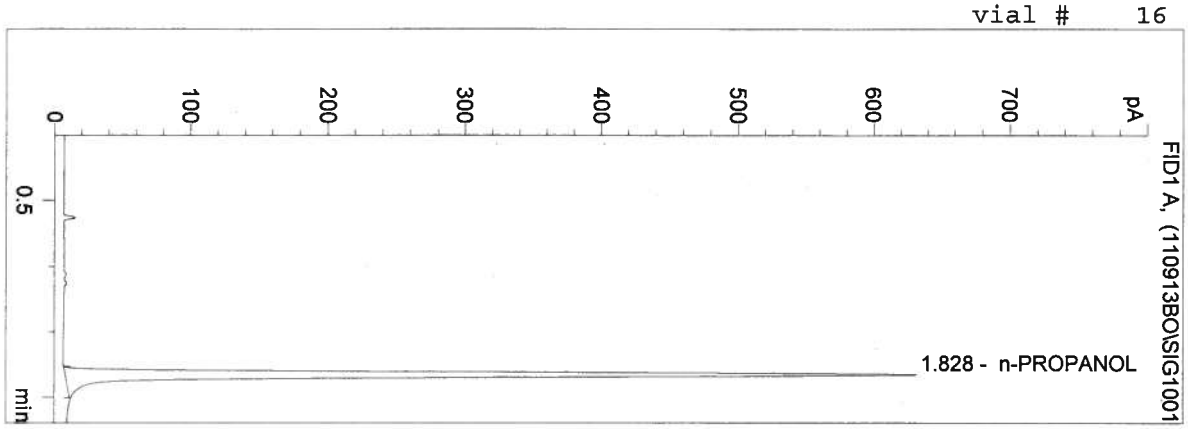
BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/13/2011 4:03:13 PM
Instrument 3
DB-ALC2

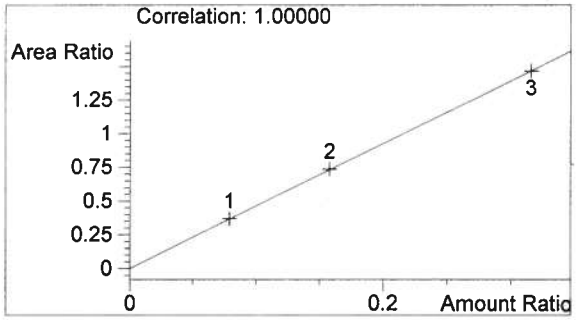
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 16

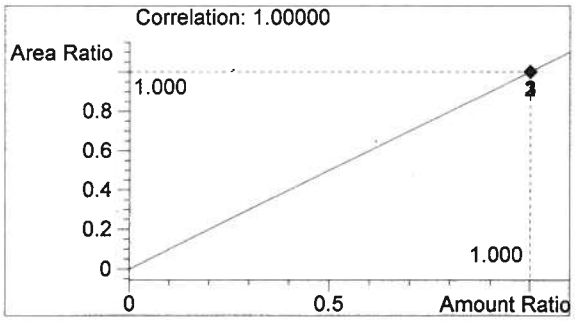


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1757	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

11038

BEP

Sequence Parameters:

Operator:	Brittany Ball
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	110914BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANKbb	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG Ctrl-BB	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl-BB	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl-BB	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl-BB	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG Ctrl-BB	SIMALC3	1	Ctrl Samp		
10	Vial 10	11038 #1-BB	SIMALC3	1	Sample		
11	Vial 11	11038 #2-BB	SIMALC3	1	Sample		
12	Vial 12	11038 #3-BB	SIMALC3	1	Sample		
13	Vial 13	11038 #4-BB	SIMALC3	1	Sample		
14	Vial 14	11038 #5-BB	SIMALC3	1	Sample		
15	Vial 15	0.10 Ctrl-BB	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG Ctrl-BB	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

BB

11038

Sequence Table (Back Injector):

No entries - empty table!

11038

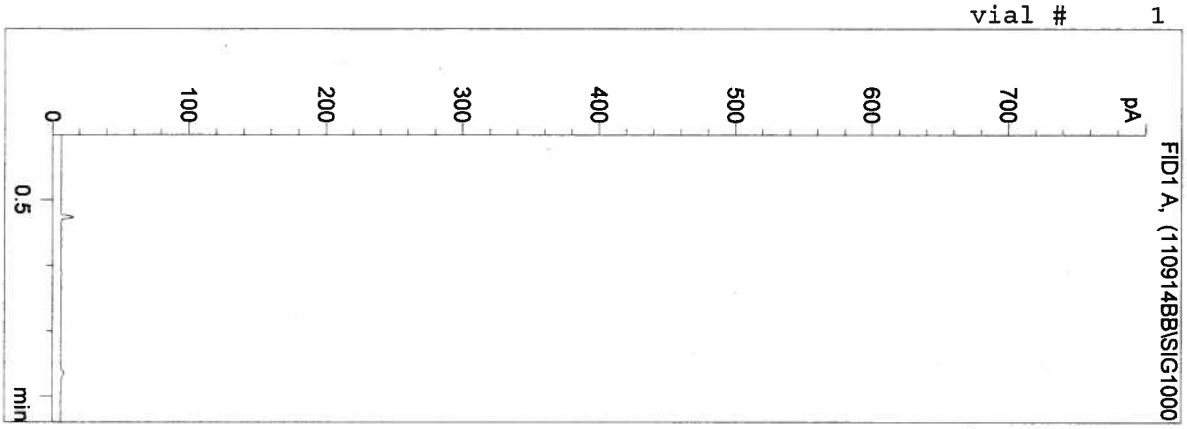
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/14/2011 8:09:37 AM
Instrument 3
DB-ALC2

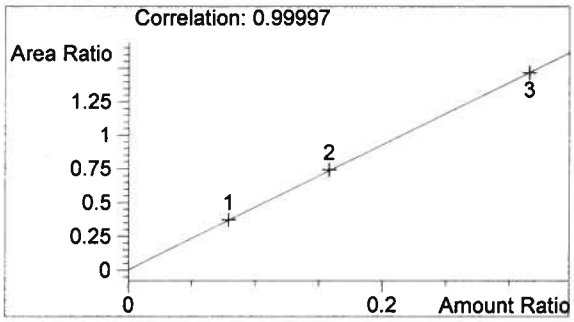
BLANKbb
Brittany Ball

vial # 1

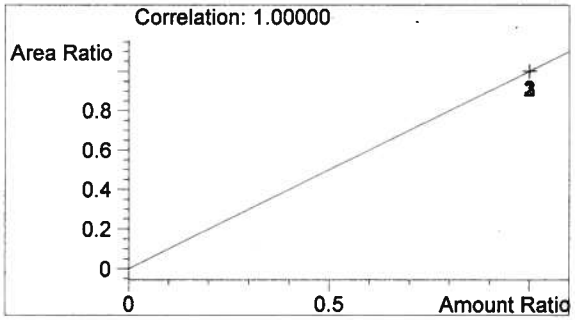


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

BB

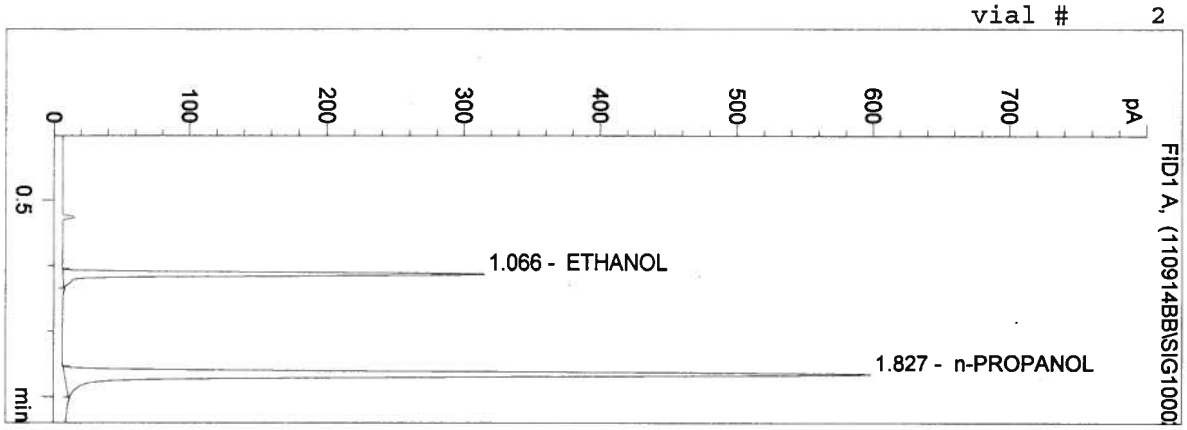
11038

WASHINGTON STATE TOXICOLOGY LABORATORY

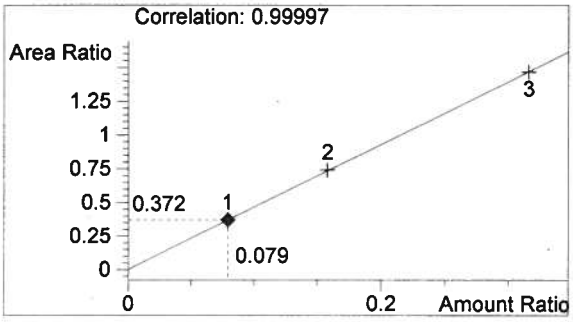
C:\HPCHEM\2\METHODS\SIMALC3.M
9/14/2011 8:12:45 AM
Instrument 3
DB-ALC2

0.079 CAL 1
Brittany Ball

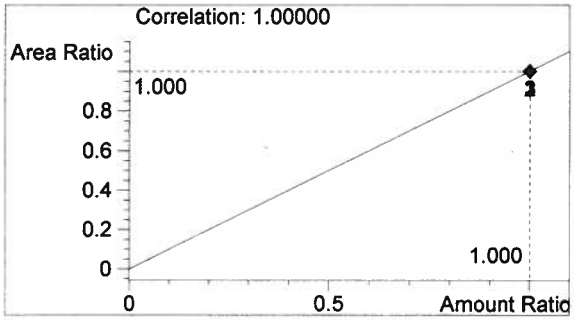
vial # 2



#	Compound	Area	RT
1	ETHANOL	616	1.066
2	n-PROPANOL	1657	1.827
Totals:			



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

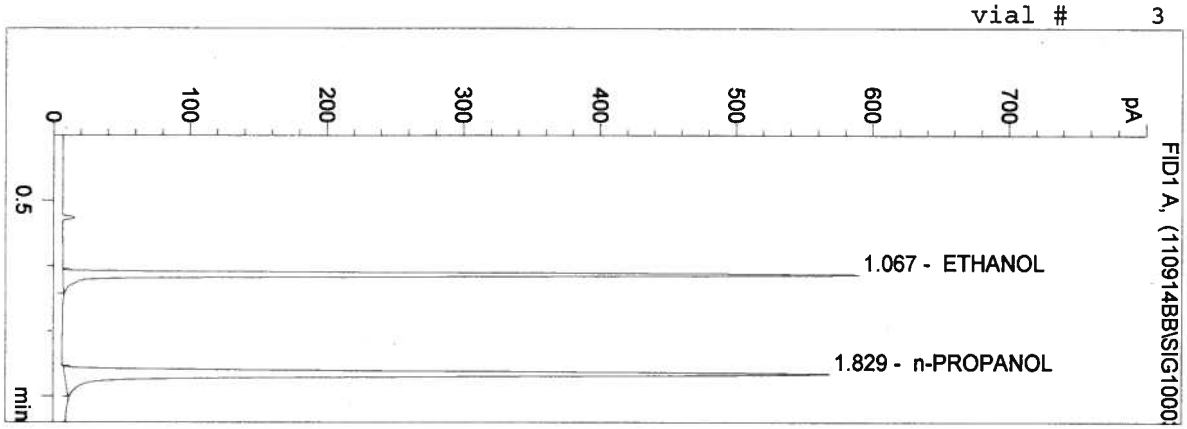
11038

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/14/2011 8:15:52 AM
Instrument 3
DB-ALC2

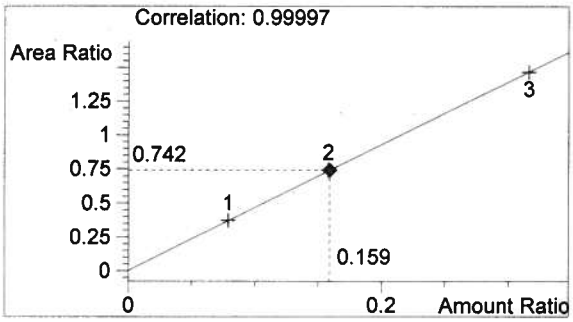
0.158 CAL 2
Brittany Ball

vial # 3

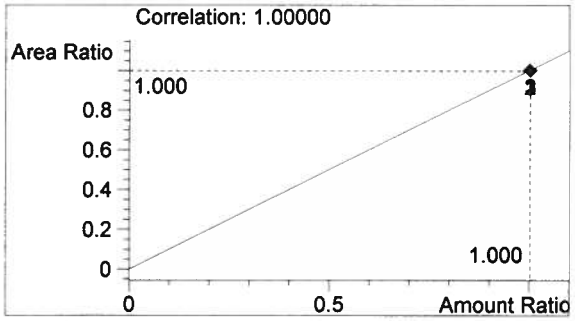


#	Compound	Area	RT
1	ETHANOL	1167	1.067
2	n-PROPANOL	1573	1.829

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

BB

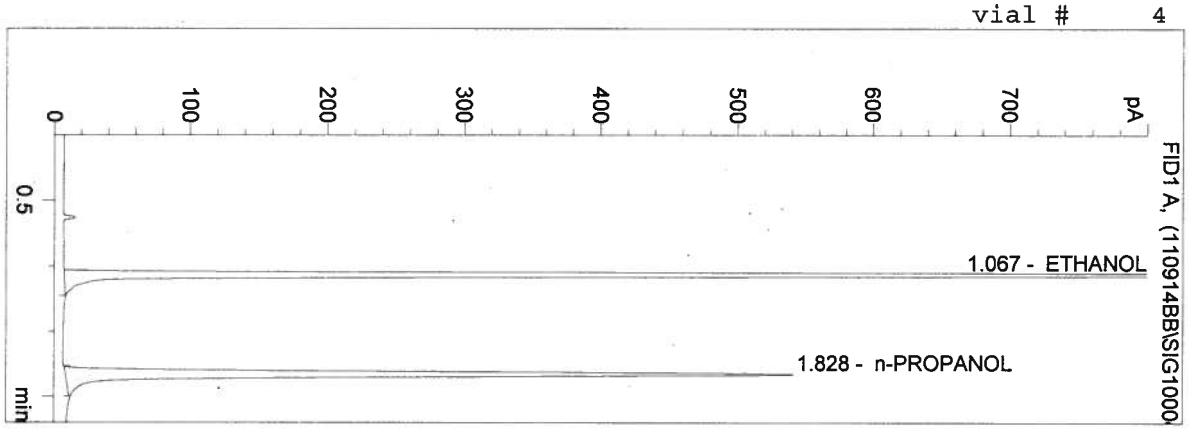
11038

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
9/14/2011 8:18:59 AM
Instrument 3
DB-ALC2

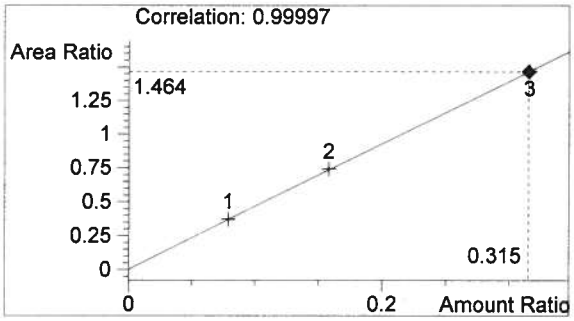
0.316 CAL 3
Brittany Ball

vial # 4

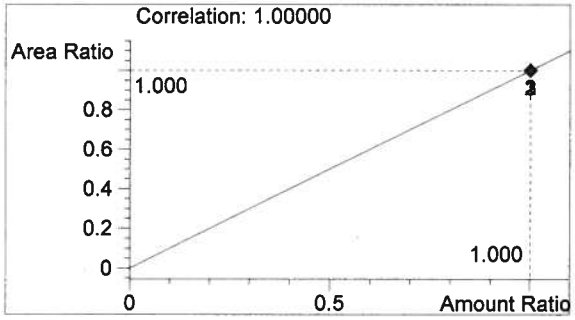


#	Compound	Area	RT
1	ETHANOL	2180	1.067
2	n-PROPANOL	1488	1.828

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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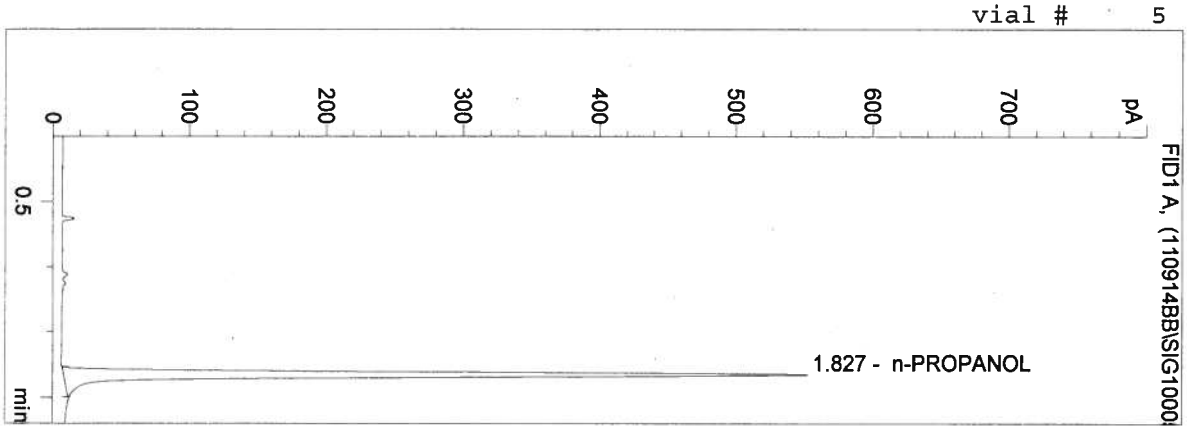
9/14/2011 8:22:07 AM
Instrument 3
DB-ALC2

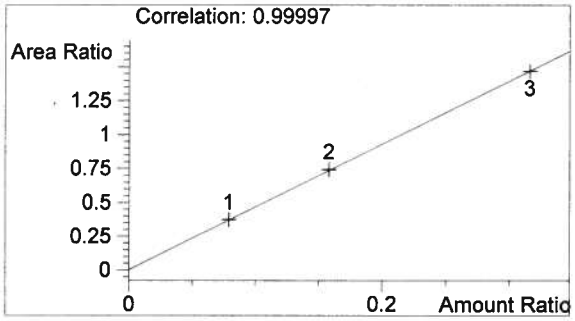
NEG Ctrl-BB
Brittany Ball

vial # 5

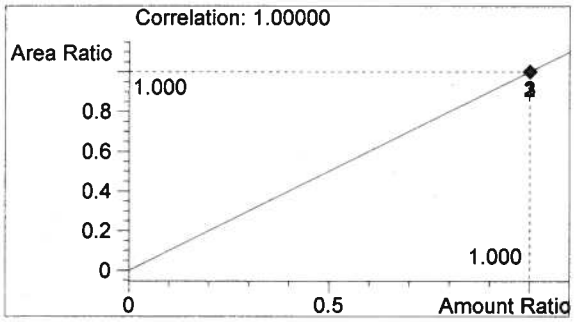


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1532	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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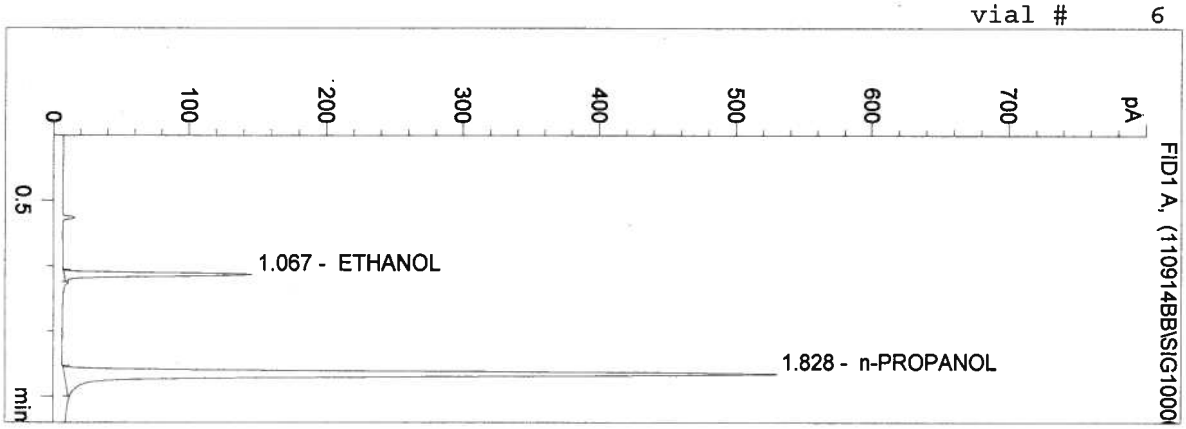
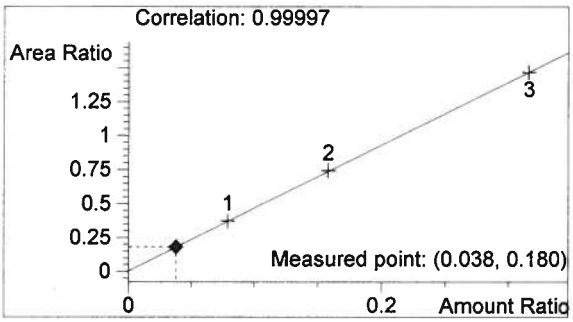
9/14/2011 8:25:14 AM
Instrument 3
DB-ALC2

0.04 Ctrl-BB
Brittany Ball

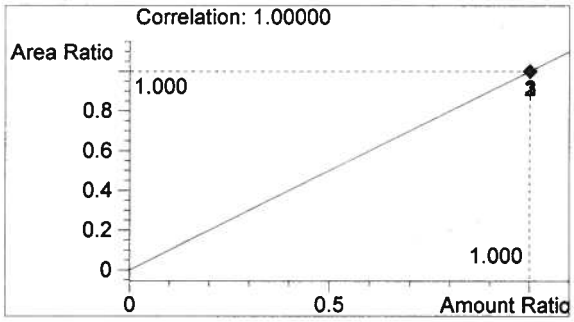
vial # 6



#	Compound	Area	RT
1	ETHANOL	264	1.067
2	n-PROPANOL	1463	1.828
Totals:			



ETHANOL 0.038 g/100ml



n-PROPANOL 1.000 g/100ml

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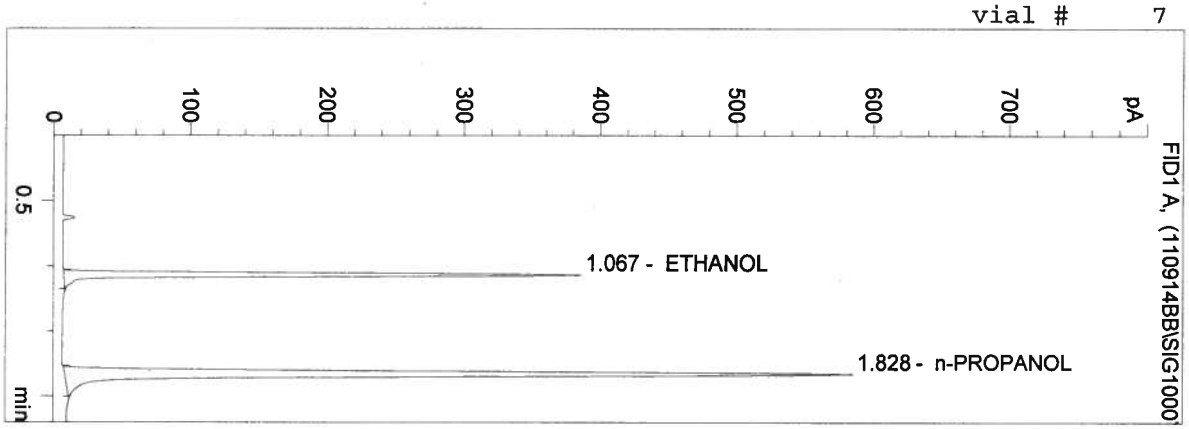
9/14/2011 8:28:22 AM
Instrument 3
DB-ALC2

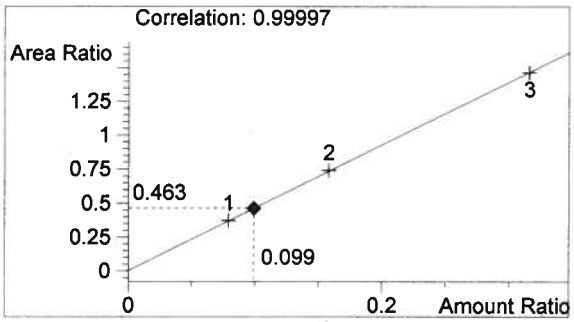
0.10 Ctrl-BB
Brittany Ball

vial # 7

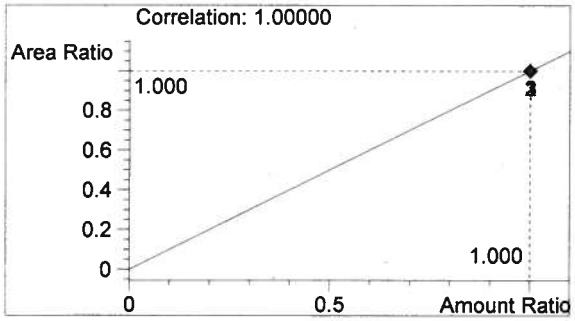


#	Compound	Area	RT
1	ETHANOL	748	1.067
2	n-PROPANOL	1613	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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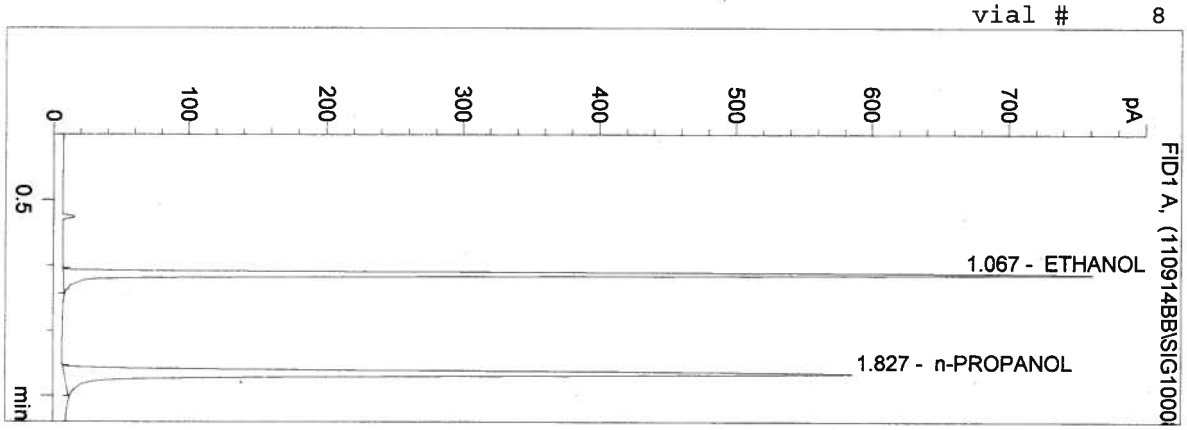
9/14/2011 8:31:29 AM
Instrument 3
DB-ALC2

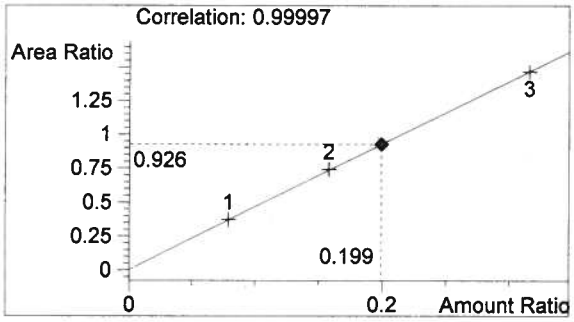
0.20 Ctrl-BB
Brittany Ball

vial # 8

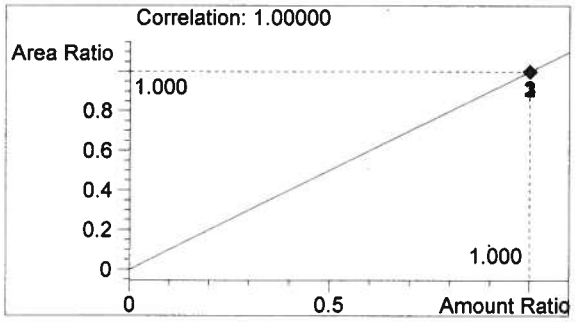


#	Compound	Area	RT
1	ETHANOL	1506	1.067
2	n-PROPANOL	1625	1.827

Totals:



ETHANOL 0.199 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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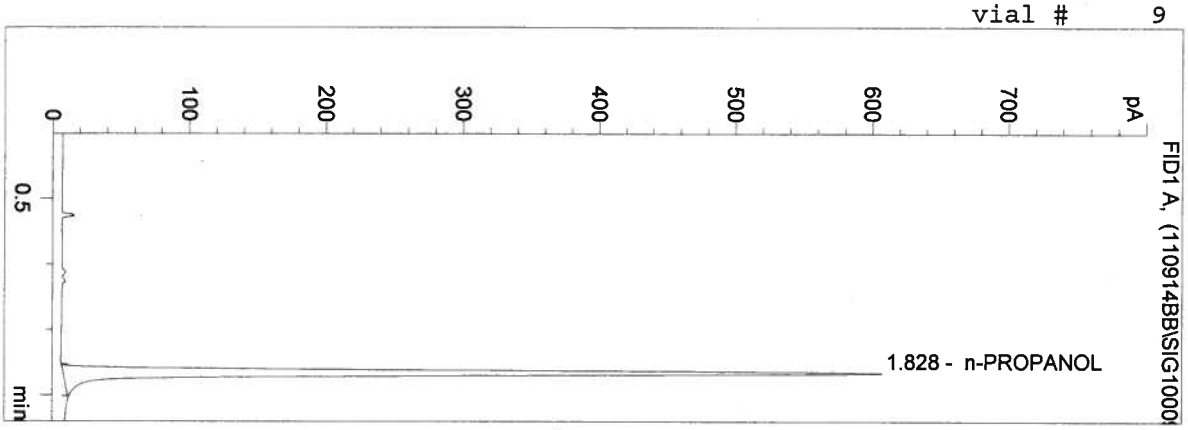
9/14/2011 8:34:37 AM
Instrument 3
DB-ALC2

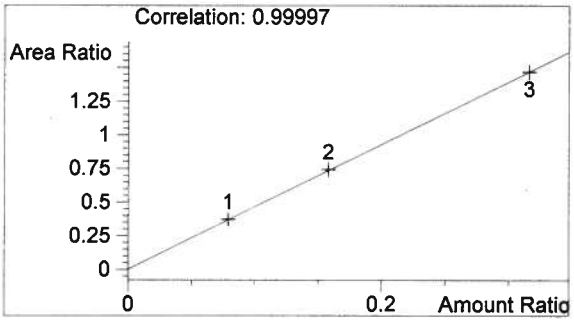
NEG Ctrl-BB
Brittany Ball

vial # 9

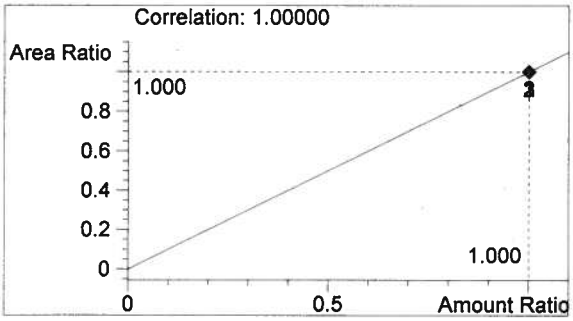


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1685	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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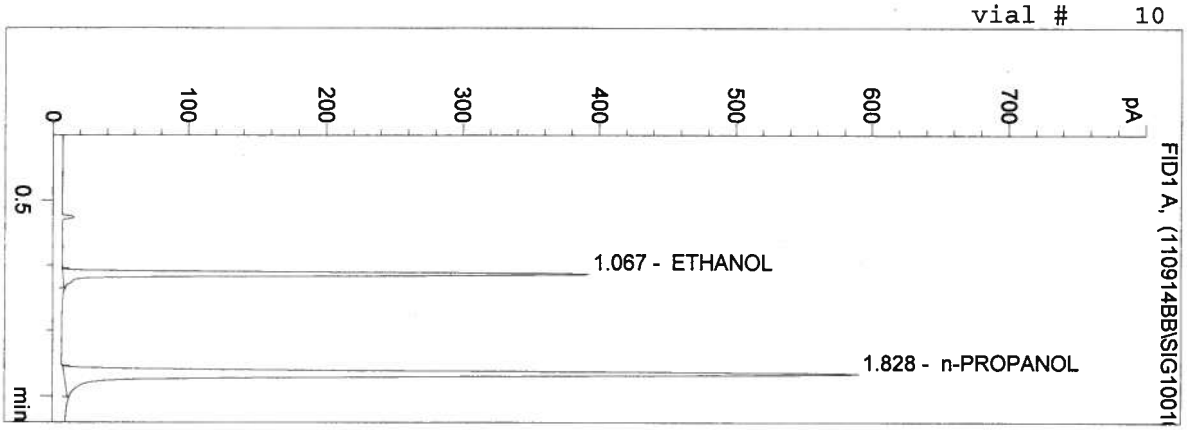
9/14/2011 8:37:44 AM
Instrument 3
DB-ALC2

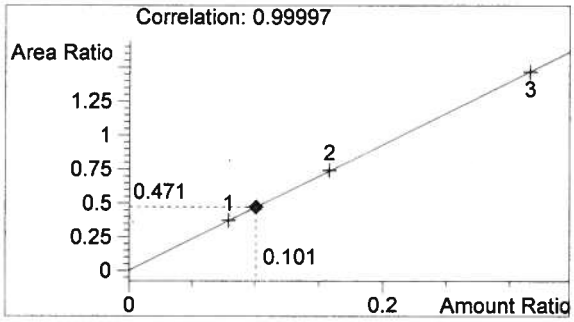
11038 #1-BB
Brittany Ball

vial # 10

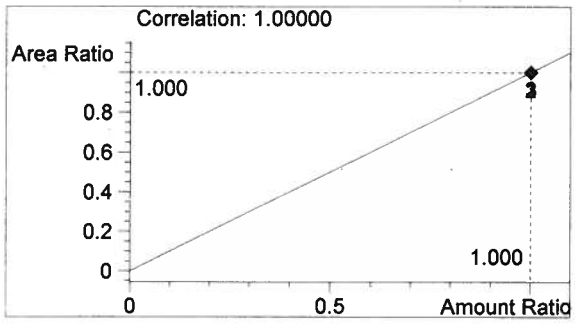


#	Compound	Area	RT
1	ETHANOL	769	1.067
2	n-PROPANOL	1634	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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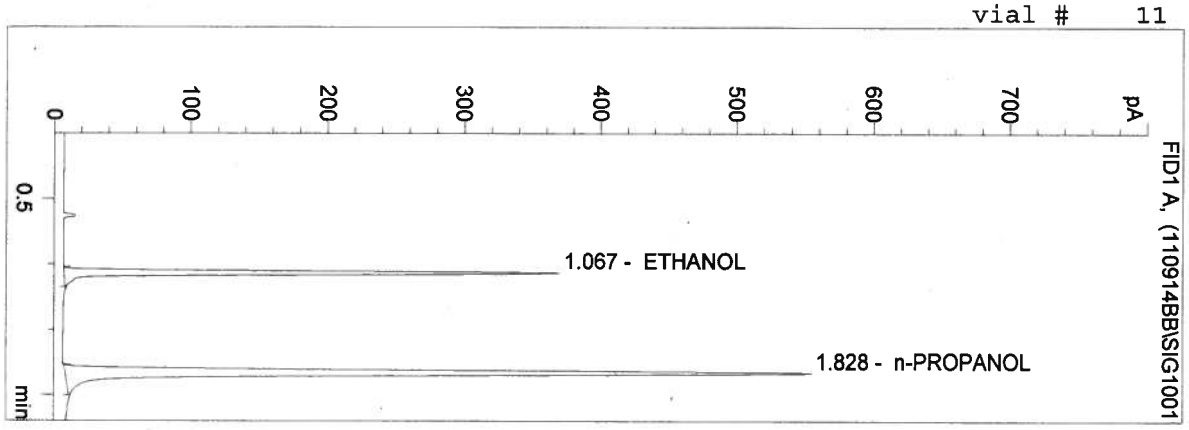
9/14/2011 8:40:51 AM
Instrument 3
DB-ALC2

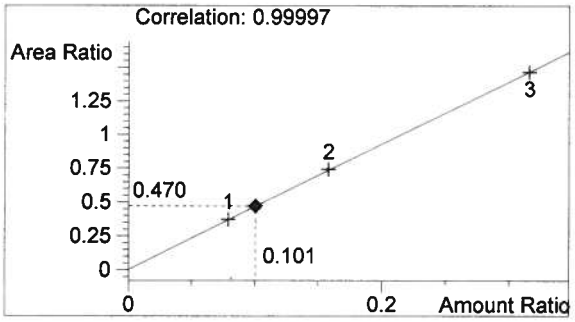
11038 #2-BB
Brittany Ball

vial # 11

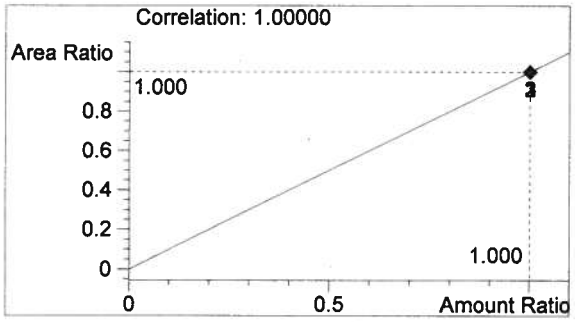


#	Compound	Area	RT
1	ETHANOL	720	1.067
2	n-PROPANOL	1532	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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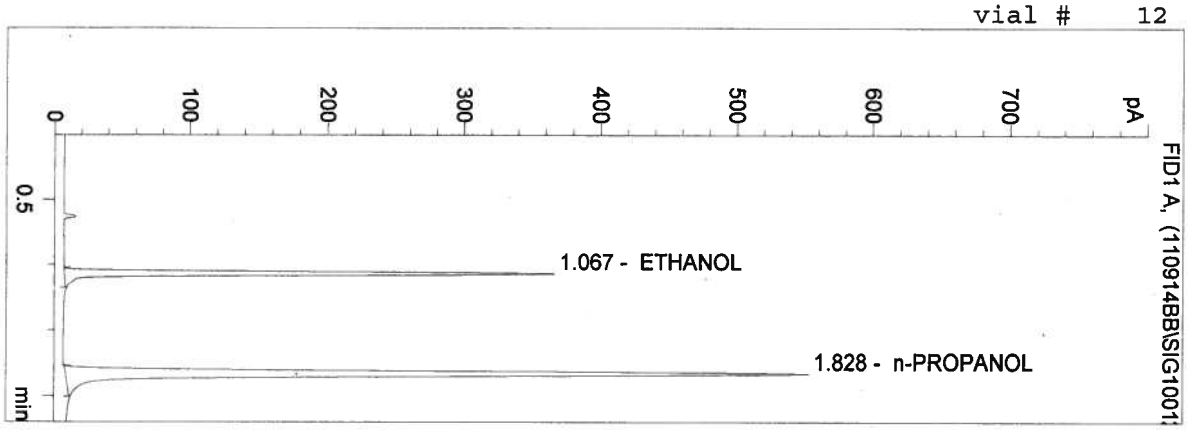
9/14/2011 8:43:59 AM
Instrument 3
DB-ALC2

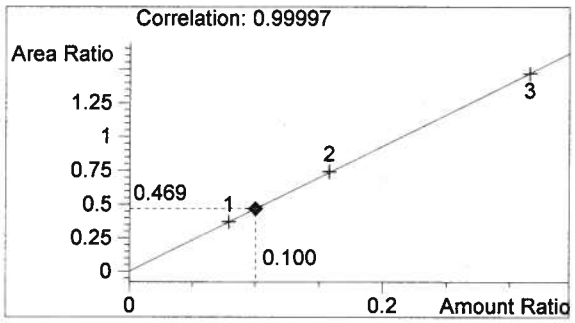
11038 #3-BB
Brittany Ball

vial # 12

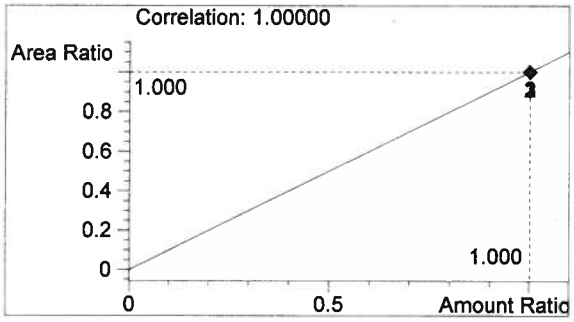


#	Compound	Area	RT
1	ETHANOL	718	1.067
2	n-PROPANOL	1532	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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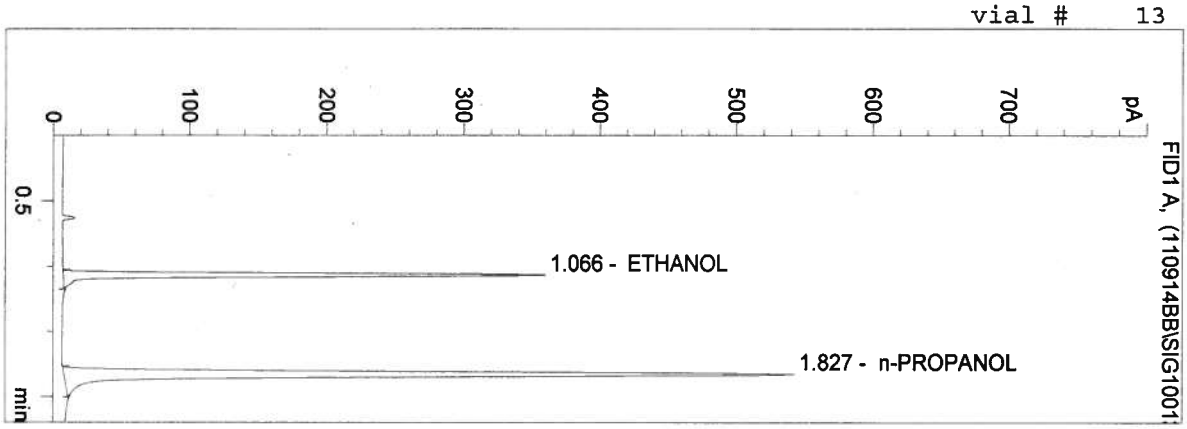
Instrument 3
DB-ALC2

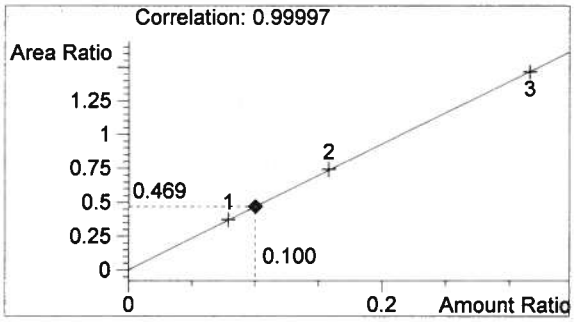
11038 #4-BB
Brittany Ball

vial # 13

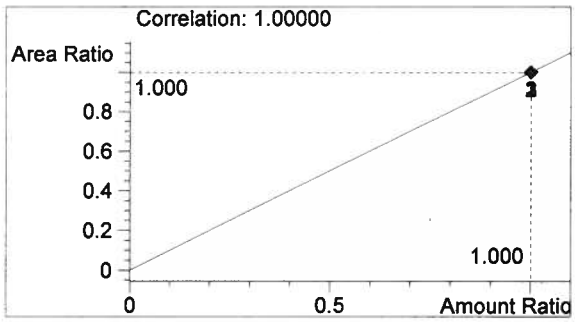


#	Compound	Area	RT
1	ETHANOL	704	1.066
2	n-PROPANOL	1502	1.827

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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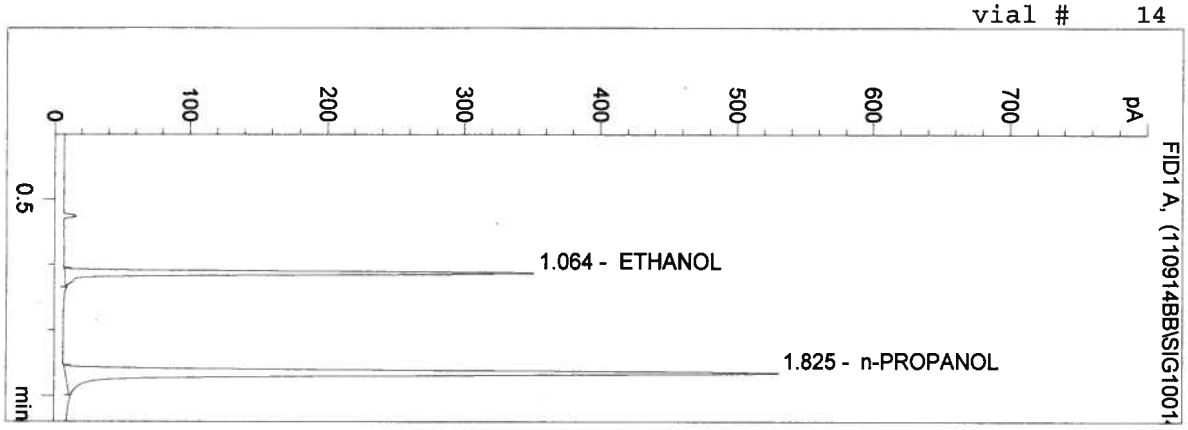
9/14/2011 8:50:14 AM
Instrument 3
DB-ALC2

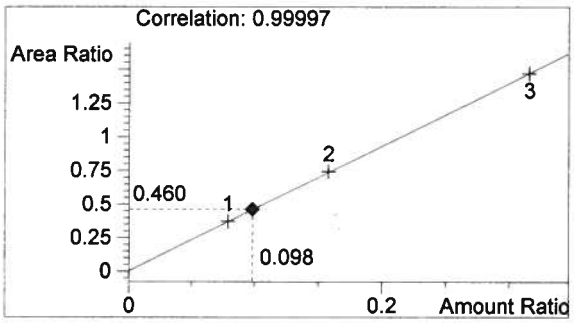
11038 #5-BB
Brittany Ball

vial # 14

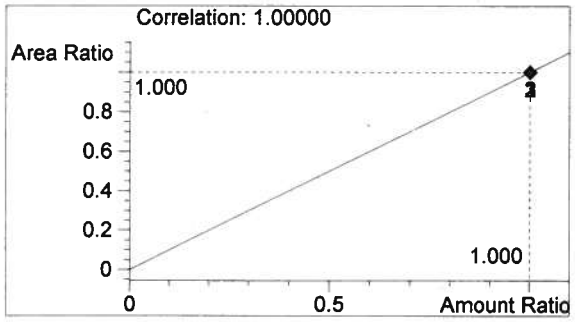


#	Compound	Area	RT
1	ETHANOL	676	1.064
2	n-PROPANOL	1469	1.825

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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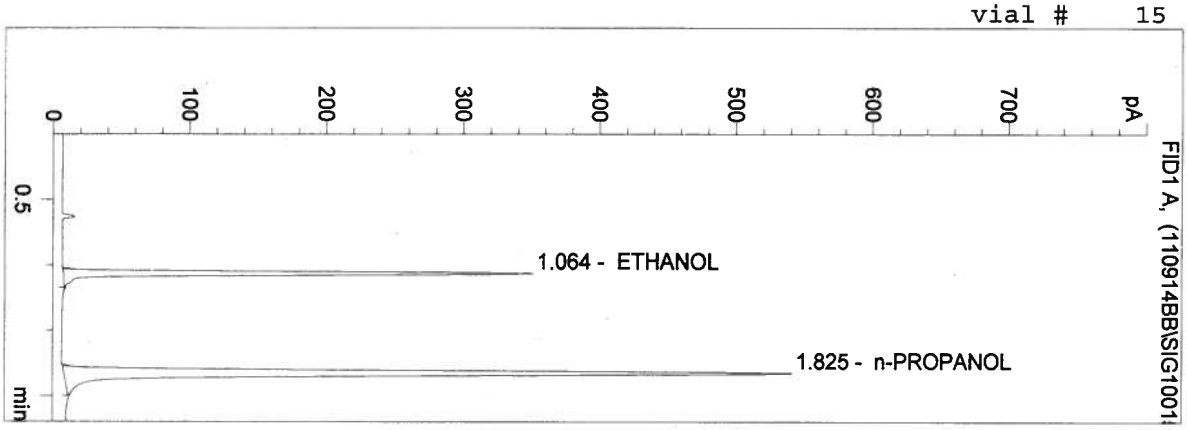
9/14/2011 8:53:22 AM
Instrument 3
DB-ALC2

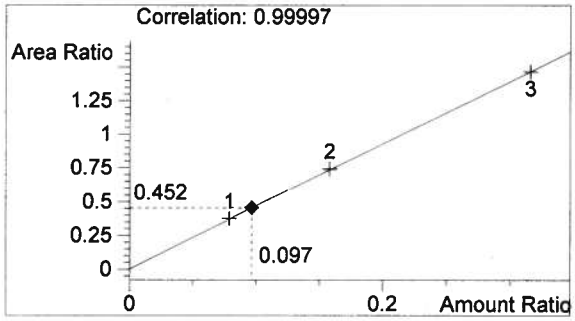
0.10 Ctrl-BB
Brittany Ball

vial # 15

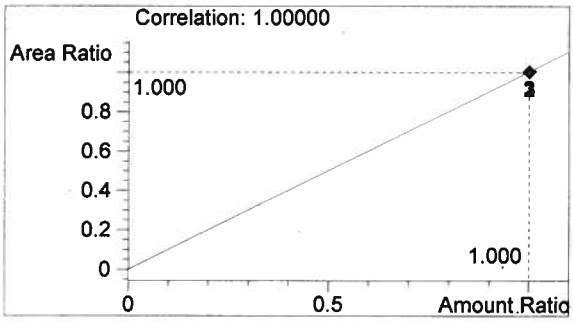


#	Compound	Area	RT
1	ETHANOL	678	1.064
2	n-PROPANOL	1499	1.825

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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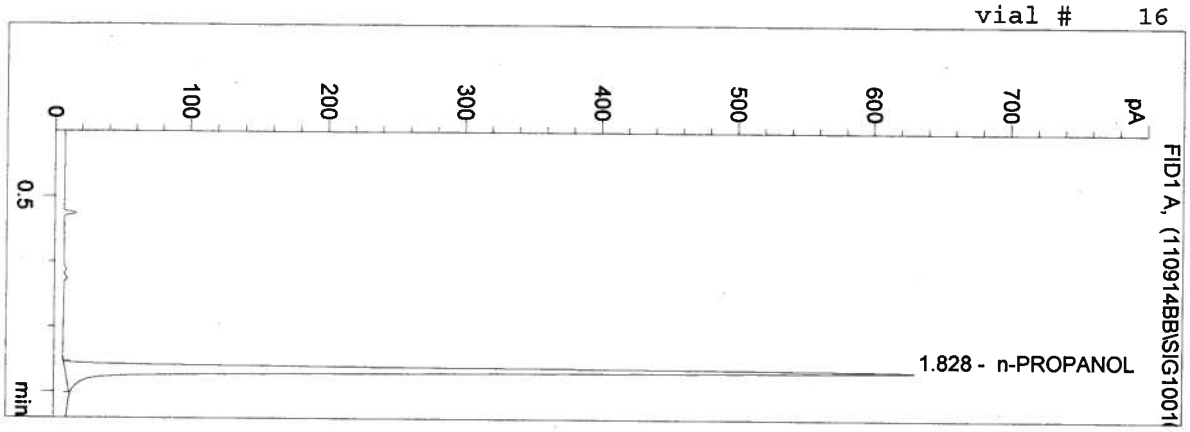
9/14/2011 8:56:29 AM
Instrument 3
DB-ALC2

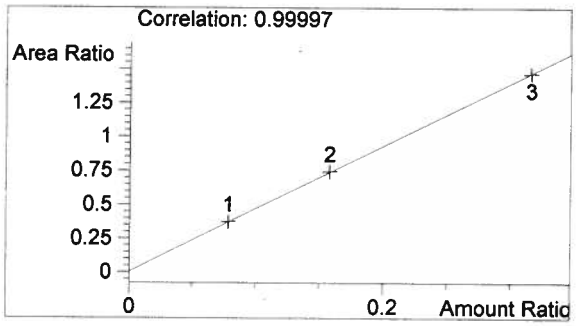
NEG Ctrl-BB
Brittany Ball

vial # 16

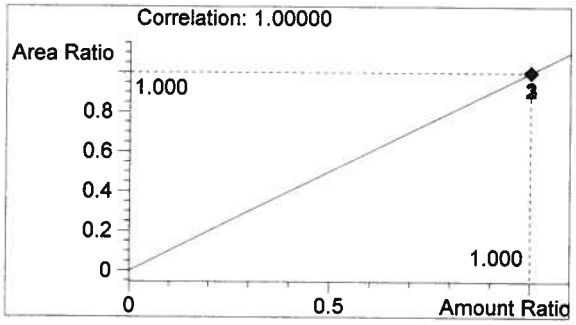


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1757	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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11038

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

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

Preparation Date: 9/8/11 Initials of Preparer: NN

Expiration Date: 9/8/12

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

Date the 200-proof Ethanol bottle was opened: 6/30/11

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	11038

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 9/8/11 Date

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

Comments:

Analyst Signature 9/8/11 Date