Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: KEN DENTON / ROD GULLBERG Date: 11-10-2009

Location: TOX LAB SEATTLE Solution Batch Number: 09050

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

Comments:

Reviewer Signature: R S Gullberg Date: 11-10-2009

Reviewer Signature: K. L. Denton Date: 11/10/2009

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 09050

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: 10/27/2009
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Christopher Johnston

	CSJ	GA	LN	NN	BEO	JLK	AJL	BB
1	0.103	0.103	0.104	0.102	0.101	0.102	0.102	0.103
2	0.103	0.103	0.103	0.103	0.102	0.102	0.103	0.102
3	0.103	0.104	0.104	0.103	0.102	0.103	0.104	0.102
4	0.103	0.103	0.103	0.103	0.102	0.102	0.104	0.103
5	0.105	0.103	0.103	0.103	0.101	0.104	0.105	0.103
C	0.100	0.101	0.100	0.101	0.099	0.101	0.101	0.101

ETHANOL CONTROL INFORMATION
LOT NUMBER: A064767 EXPIRATION: 04/2013 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1029 g/100mL
STANDARD DEVIATION: 0.00090
PRECISION CV (%): 0.87
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0837 g/210L**
EXPANDED UNCERTAINTY: ± 0.0028 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

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

11-10-09
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CSJ	Christopher S. Johnston		10/27/2009
GA	Gwynyth Almendarez		10/29/2009
LN	Lisa Noble		10/29/2009
NN	Naziha Nuwayhid		10/29/2009
BEO	Brianne E. O'Reilly		10/29/2009
JLK	Justin L. Knoy		10/30/2009
AJL	Asa J. Louis		11/02/2009
BB	Brittany Ball		11/03/2009

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 #: 09050 **Date Prepared:** 10/27/2009

Analyst:	CSJ	GA	LN	NN	BEO	JLK	AJL	BB
Date Tested:	10/27/2009	10/29/2009	10/29/2009	10/29/2009	10/29/2009	10/30/2009	11/2/2009	11/3/2009
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.103	0.103	0.104	0.102	0.101	0.102	0.102	0.103
2	0.103	0.103	0.103	0.103	0.102	0.102	0.103	0.102
3	0.103	0.104	0.104	0.103	0.102	0.103	0.104	0.102
4	0.103	0.103	0.103	0.103	0.102	0.102	0.104	0.103
5	0.105	0.103	0.103	0.103	0.101	0.104	0.105	0.103
C	0.100	0.101	0.100	0.101	0.099	0.101	0.101	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	CV^2_{Bias}	$CV^2_{Part\ Coef}$
0.0000000900	0.0000765230	0.0000565757	0.0000333333	0.0001016326

Ethanol Control Lot #: A064767
Control Uncertainty (%): 0.03
Maximum (-) Control Bias: 0.001
Maximum (+) Control Bias: 0.001

Average Solution Concentration: 0.1029 g/100mL
Standard Deviation: 0.00090 g/100mL
Precision CV (%): 0.87
Equivalent Vapor Concentration: 0.0837 g/210L
Combined Standard Uncertainty (±): 0.0014 g/210L
Expanded Uncertainty (±): 0.0028 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton Melissa L. Pemberton 11/4/09
Name Signature Date

Calculations verified by: Rod G. Gulberg [signature] 11-10-2009
Name Signature Date

Method: EXCEL

Technical review of batch file performed by:

Melissa L. Pemberton Melissa L. Pemberton 11/4/09
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Black		
Asa Louis	AL	20091105
Brian Capron		
Brianna Peterson		
Brianne O'Reilly	BKO	11.5.09
Brittany Ball	BB	11/6/09
Christie Mitchell		
Christopher Johnston	CJ	11-5-09
Gwynyth Almendarez	GA	11/5/09
Justin Knoy	JK	11-5-09
Lisa Noble	LN	11/5/09
Melissa Pemberton		
Naziha Nuwayhid	NN	11/5/09
Rebecca Flaherty		
Sarah Swenson		

Batch # E09050

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 09050

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 09050, was prepared in the Washington State Toxicology Laboratory on 10/27/2009. 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 10/27/2010.

Seattle, WA

11/5/09

Christopher S. Johnston — Date
Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09050

I, Gwynyth Almendarez, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry, MS degrees in Chemistry and Forensic Science.

The external standard solution, Lot Number 09050, was prepared in the Washington State Toxicology Laboratory on 10/27/2009. 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 10/27/2010.

Seattle, WA

Gwynyth Almendarez 11/5/09

Gwynyth Almendarez Date
Forensic Toxicologist

GA/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09050

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 09050, was prepared in the Washington State Toxicology Laboratory on 10/27/2009. 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 10/27/2010.

Seattle, WA

11-5-09

Justin L. Knoy — Date

Forensic Toxicologist

JLK/ik

CHRISTINE O. GREGOIRE
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JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09050

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 nine years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution, Lot Number 09050, was prepared in the Washington State Toxicology Laboratory on 10/27/2009. 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 10/27/2010.

Seattle, WA

11/5/09

Naziha Nuwayhid — Date
Forensic Toxicologist

NN/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09050

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 three years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 09050, was prepared in the Washington State Toxicology Laboratory on 10/27/2009. 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 10/27/2010.

Seattle, WA

Lisa Noble 11/5/09

Lisa Noble — Date

Forensic Toxicologist

LN/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09050

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 09050, was prepared in the Washington State Toxicology Laboratory on 10/27/2009. 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 10/27/2010.

Seattle, WA

Brianne E O'Reilly 11·5·09

Brianne E. O'Reilly — Date

Forensic Toxicologist

BEO/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09050

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 eight years of toxicology experience.

The external standard solution, Lot Number 09050, was prepared in the Washington State Toxicology Laboratory on 10/27/2009. 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 10/27/2010.

Seattle, WA

20091105

Asa J. Louis — Date

Forensic Toxicologist

AJL/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09050

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 09050, was prepared in the Washington State Toxicology Laboratory on 10/27/2009. 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 10/27/2010.

Seattle, WA

Brittany Ball 11/6/09

Brittany Ball Date

Forensic Toxicologist

BB/ik

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTSTD.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:	091027CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		
10	Vial 10	09050 #1 CJ	SIMALC	1	Sample		
11	Vial 11	09050 #2 CJ	SIMALC	1	Sample		
12	Vial 12	09050 #3 CJ	SIMALC	1	Sample		
13	Vial 13	09050 #4 CJ	SIMALC	1	Sample		
14	Vial 14	09050 #5 CJ	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		

Calibration Part:

09050

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

Sequence Table (Back Injector):

No entries - empty table!

09050

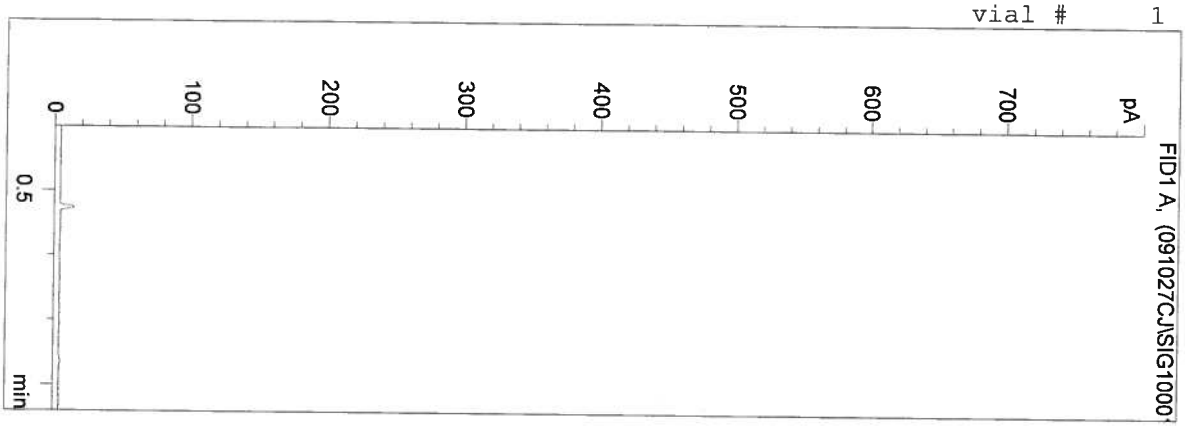
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/27/2009 4:26:28 PM
Instrument 3
db-alc2

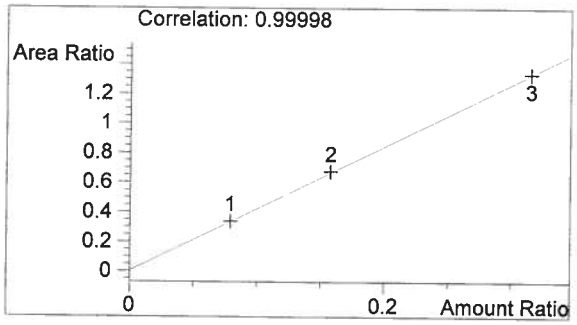
BLANK-CJ
Chris Johnston

vial # 1

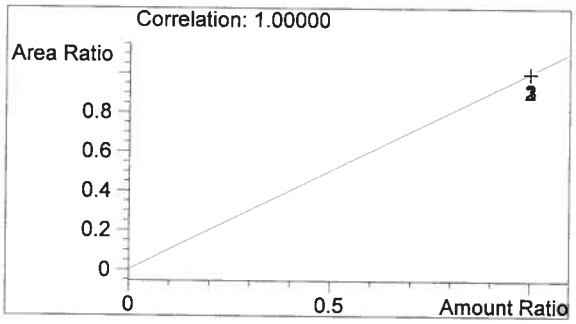


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09050

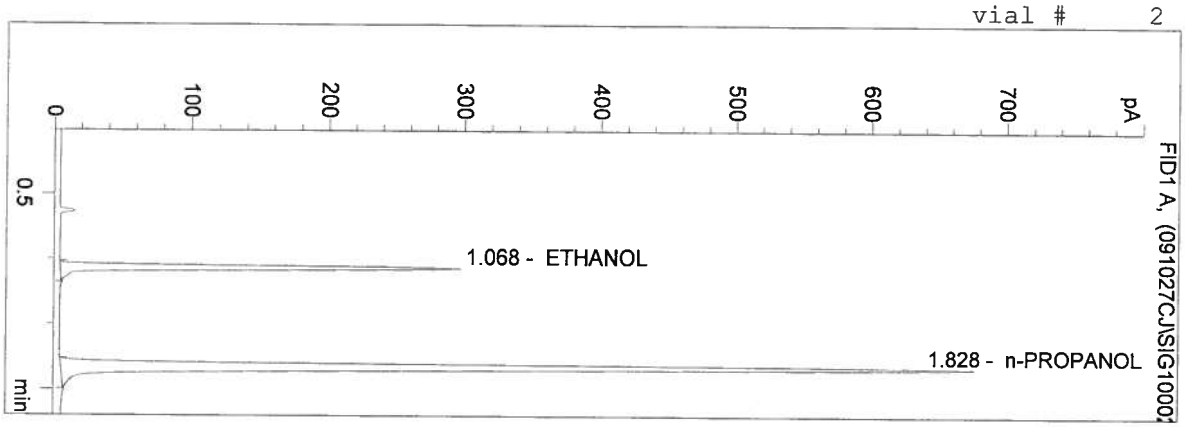
a)

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/27/2009 4:29:36 PM
Instrument 3
db-alc2

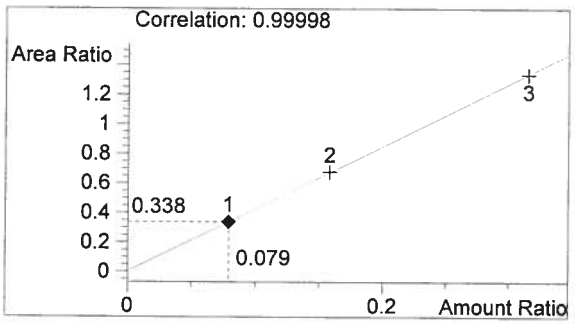
0.079 CAL 1
Chris Johnston

vial # 2

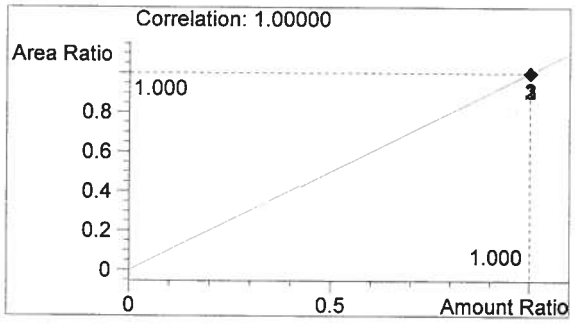


#	Compound	Area	RT
1	ETHANOL	654	1.068
2	n-PROPANOL	1934	1.828

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

09050

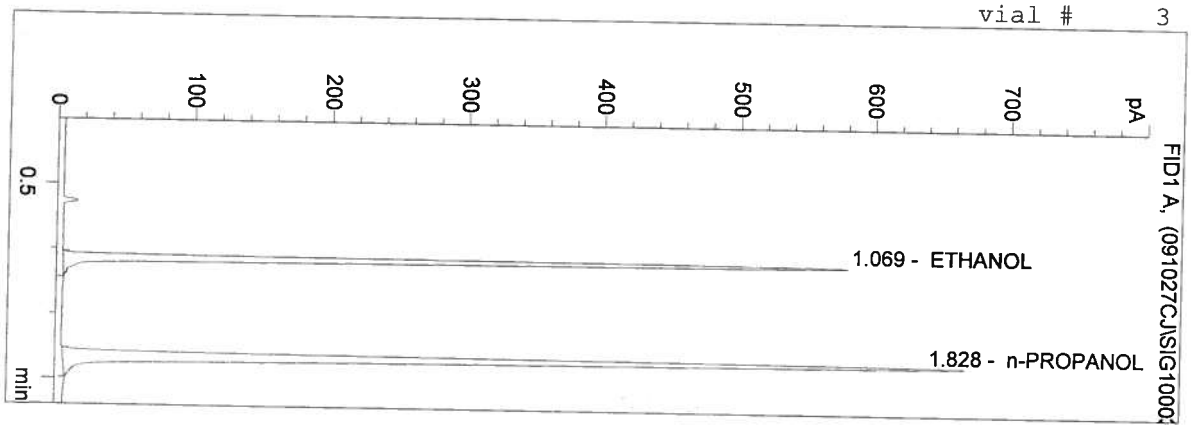
9

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/27/2009 4:32:44 PM
Instrument 3
db-alc2

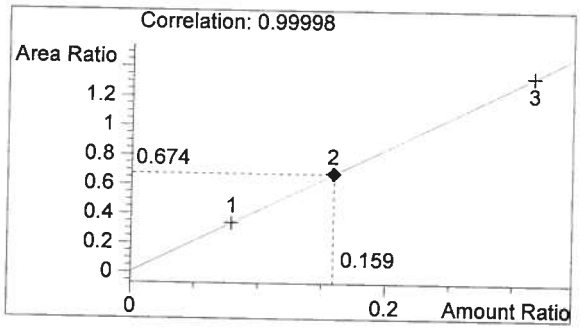
0.158 CAL 2
Chris Johnston

vial # 3

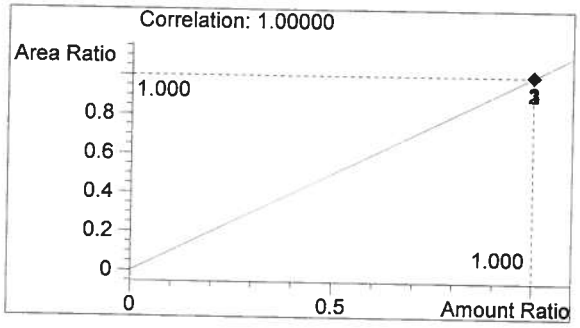


#	Compound	Area	RT
1	ETHANOL	1286	1.069
2	n-PROPANOL	1908	1.828

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

09050

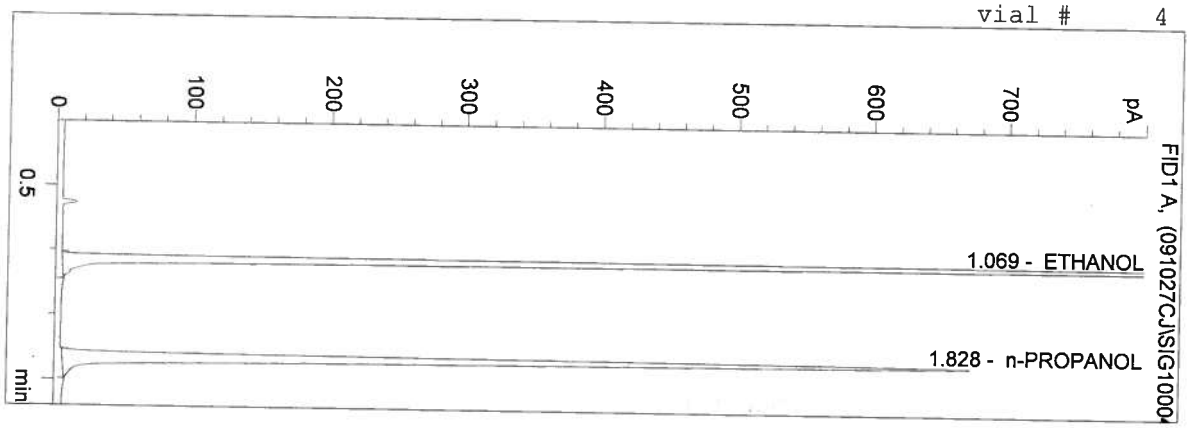
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/27/2009 4:35:51 PM
Instrument 3
db-alc2

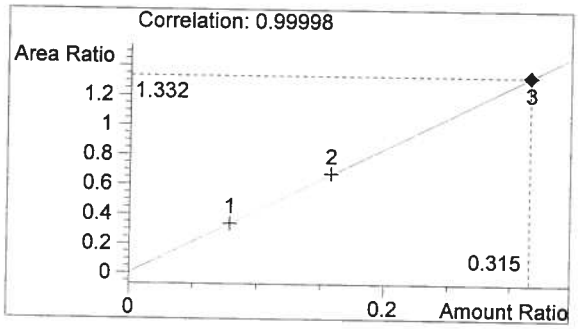
0.316 CAL 3
Chris Johnston

vial # 4

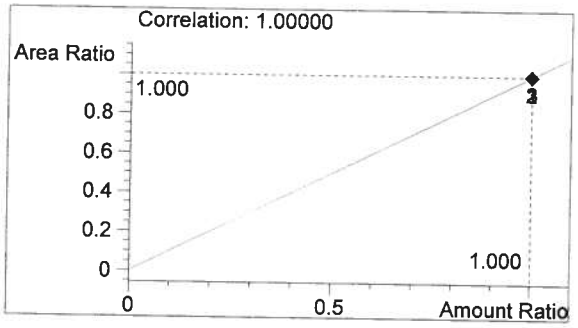


#	Compound	Area	RT
1	ETHANOL	2557	1.069
2	n-PROPANOL	1920	1.828

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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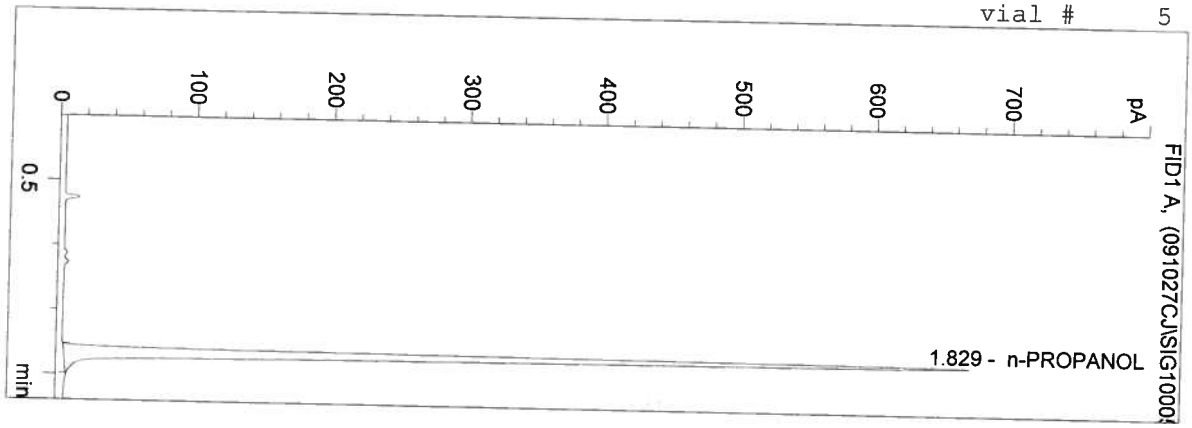
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/27/2009 4:38:59 PM
Instrument 3
db-alc2

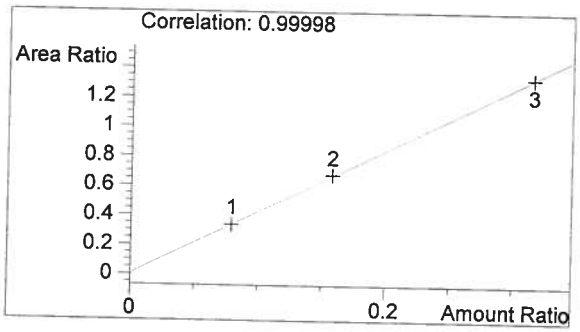
NEG CTRL-CJ
Chris Johnston

vial # 5

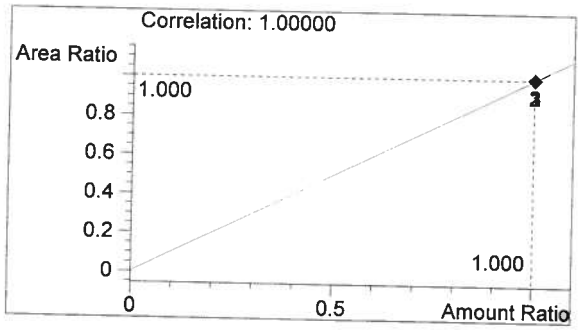


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1921	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09050

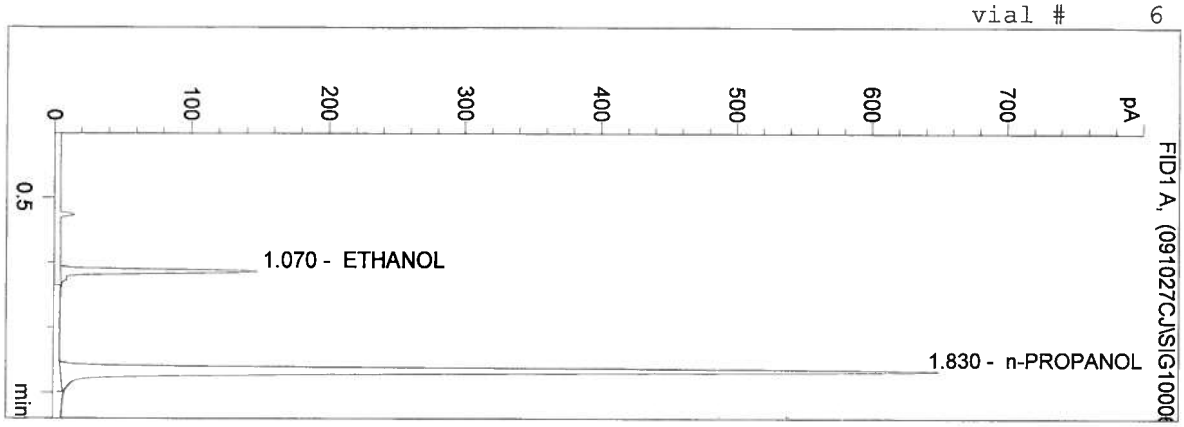
a)

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/27/2009 4:42:07 PM
Instrument 3
db-alc2

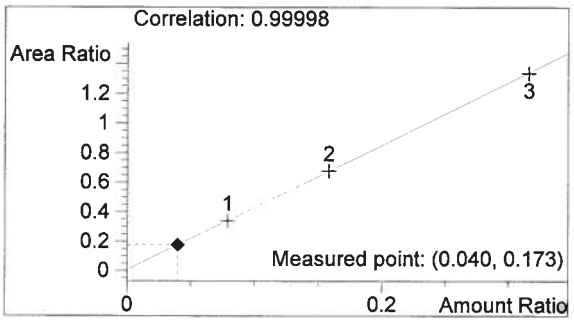
0.04 CTRL-CJ
Chris Johnston

vial # 6

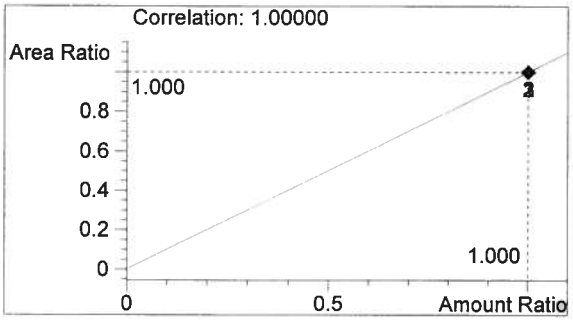


#	Compound	Area	RT
1	ETHANOL	322	1.070
2	n-PROPANOL	1856	1.830

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

09050

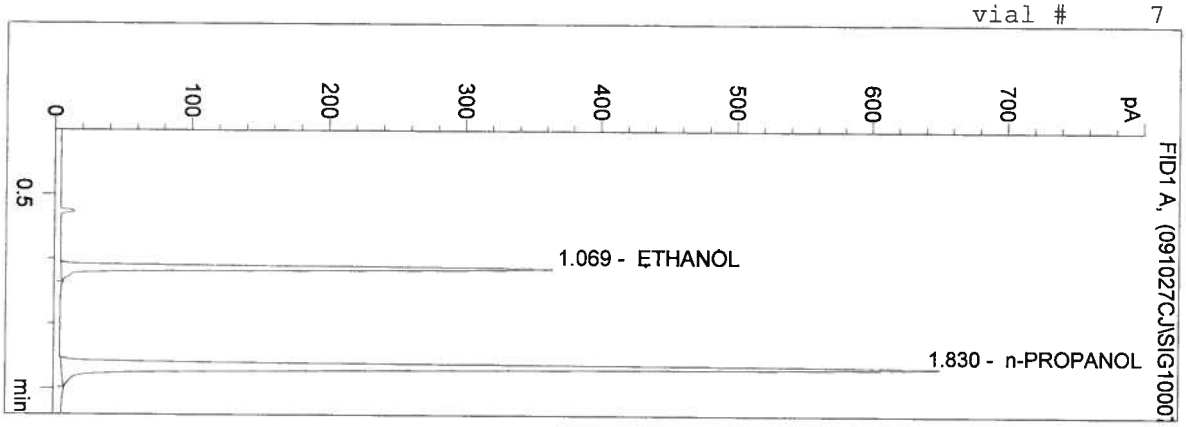
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/27/2009 4:45:15 PM
Instrument 3
db-alc2

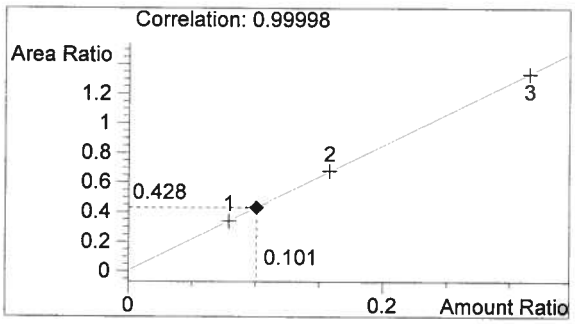
0.10 CTRL-CJ
Chris Johnston

vial # 7

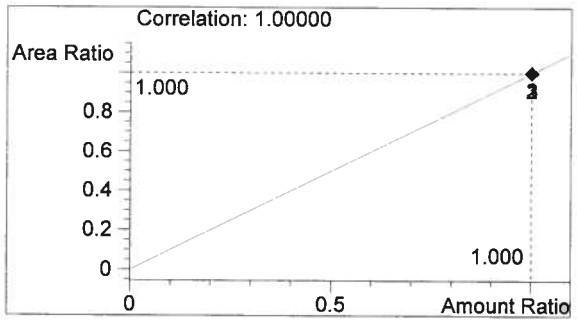


#	Compound	Area	RT
1	ETHANOL	795	1.069
2	n-PROPANOL	1856	1.830

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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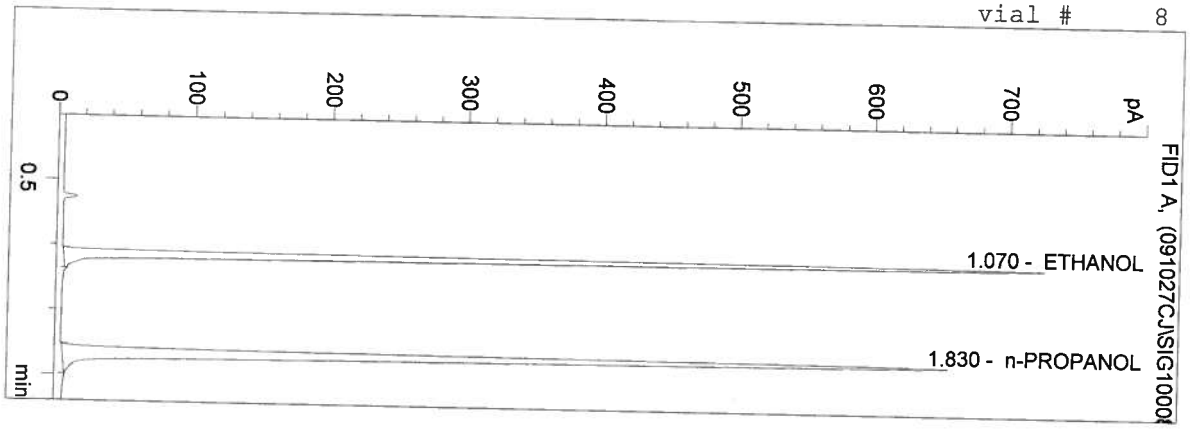
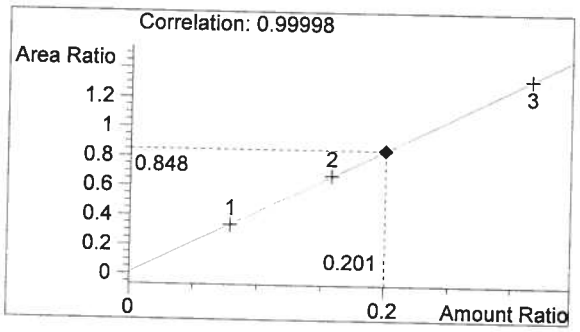
10/27/2009 4:48:23 PM
Instrument 3
db-alc2

0.20 CTRL-CJ
Chris Johnston

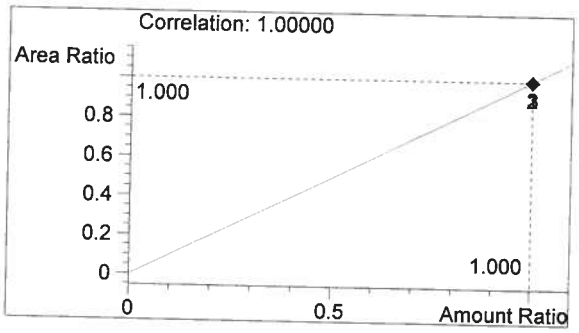
vial # 8



#	Compound	Area	RT
1	ETHANOL	1592	1.070
2	n-PROPANOL	1876	1.830
Totals:			



ETHANOL 0.201 g/100ml



n-PROPANOL 1.000 g/100ml

09050

CW

WASHINGTON STATE TOXICOLOGY LABORATORY

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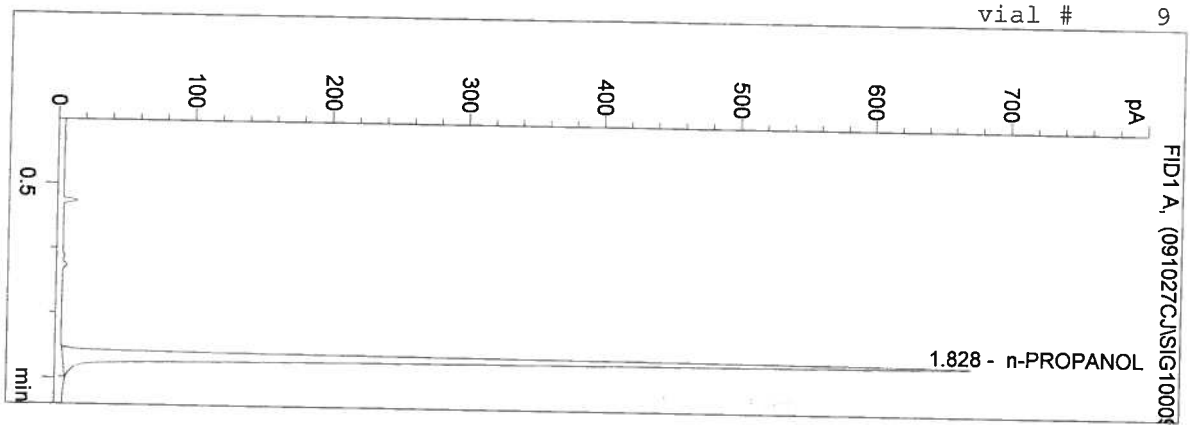
10/27/2009 4:51:31 PM
Instrument 3
db-alc2

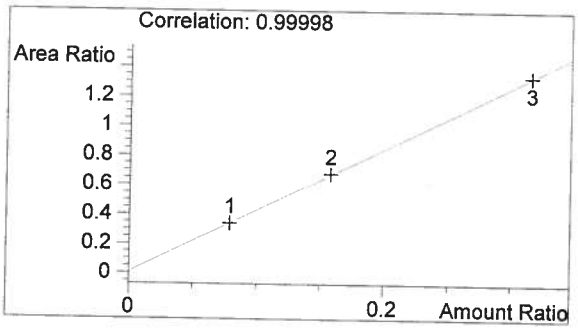
NEG CTRL-CJ
Chris Johnston

vial # 9

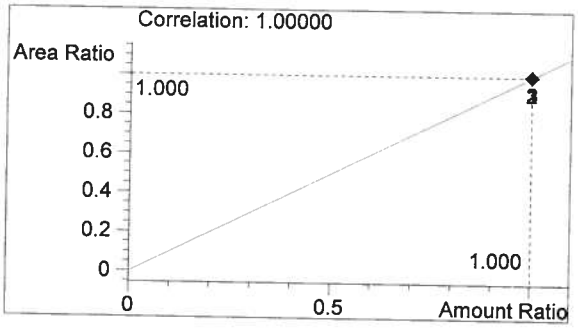


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1922	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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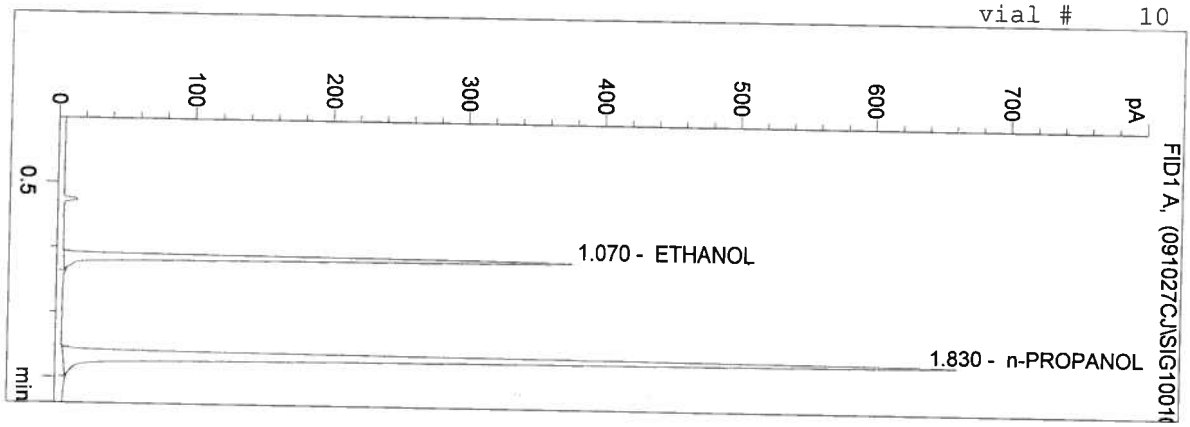
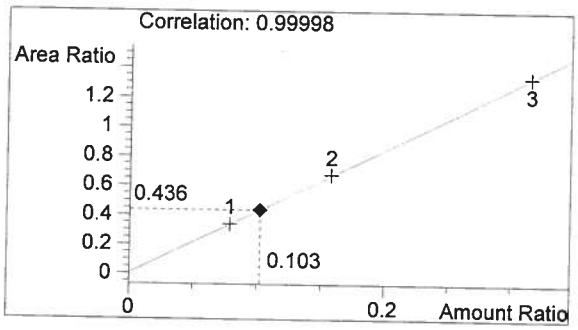
10/27/2009 4:54:38 PM
Instrument 3
db-alc2

09050 #1 CJ
Chris Johnston

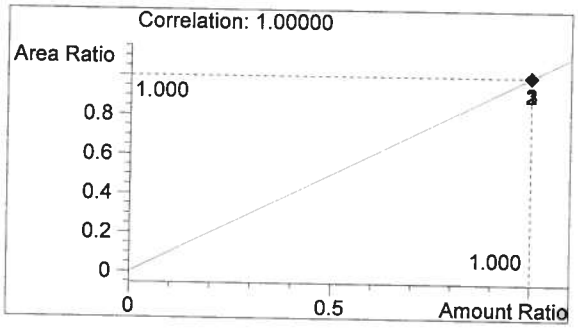
vial # 10



#	Compound	Area	RT
1	ETHANOL	821	1.070
2	n-PROPANOL	1886	1.830
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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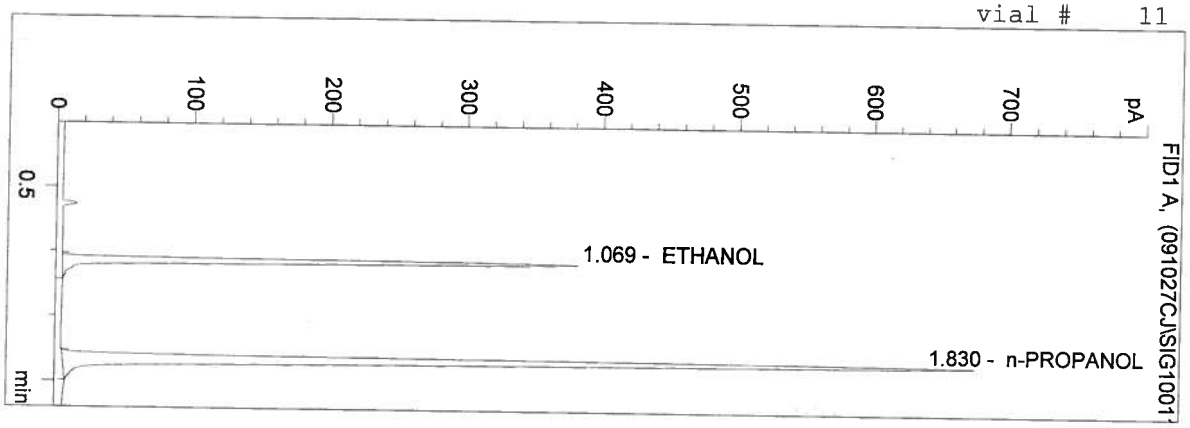
10/27/2009 4:57:46 PM
Instrument 3
db-alc2

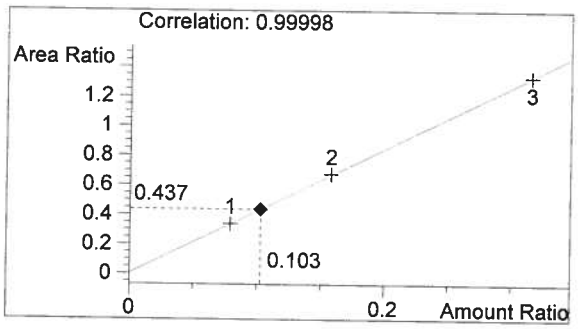
09050 #2 CJ
Chris Johnston

vial # 11

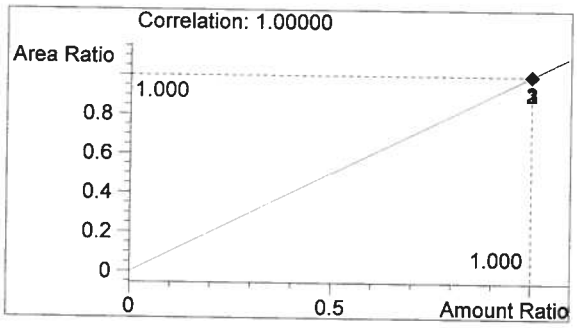


#	Compound	Area	RT
1	ETHANOL	843	1.069
2	n-PROPANOL	1932	1.830

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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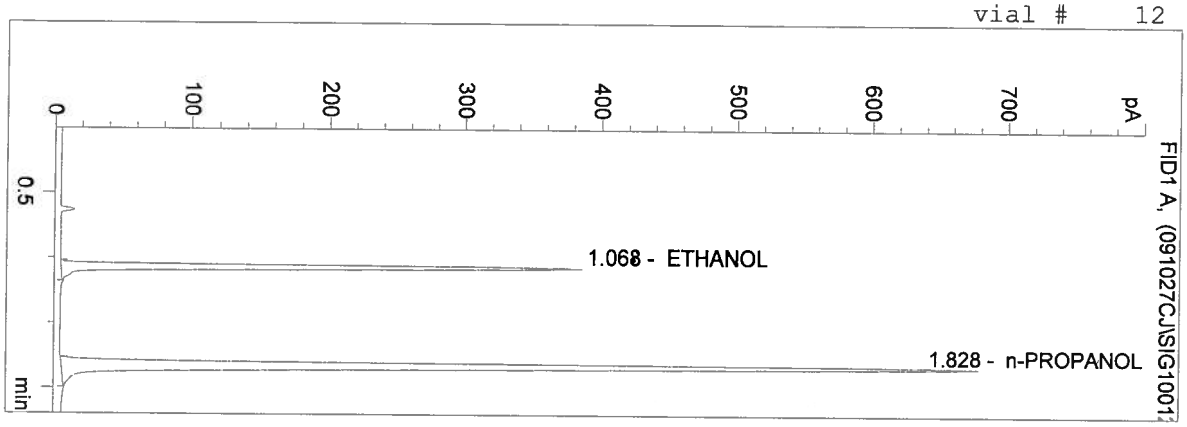
10/27/2009 5:00:54 PM
Instrument 3
db-alc2

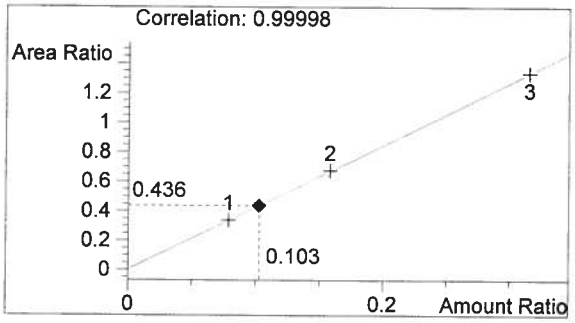
09050 #3 CJ
Chris Johnston

vial # 12

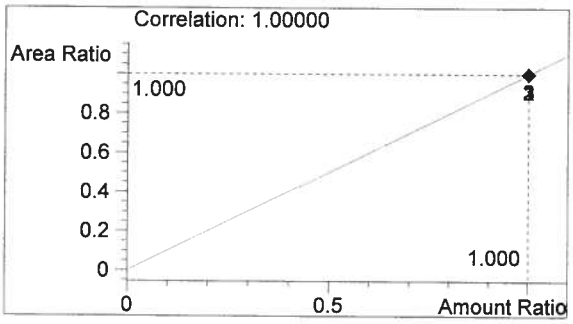


#	Compound	Area	RT
1	ETHANOL	845	1.068
2	n-PROPANOL	1936	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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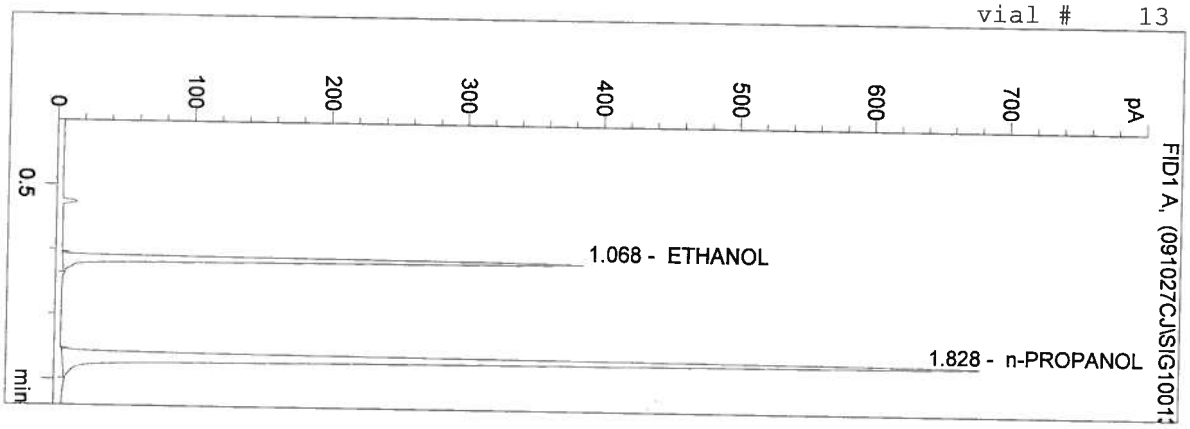
10/27/2009 5:04:02 PM
Instrument 3
db-alc2

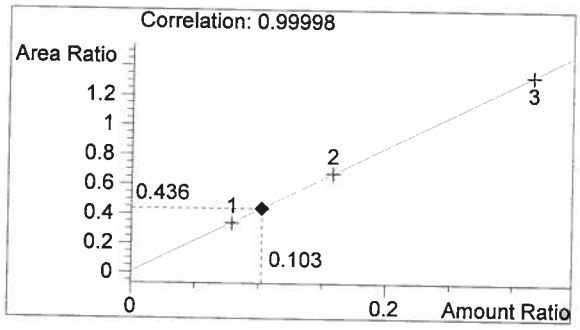
09050 #4 CJ
Chris Johnston

vial # 13

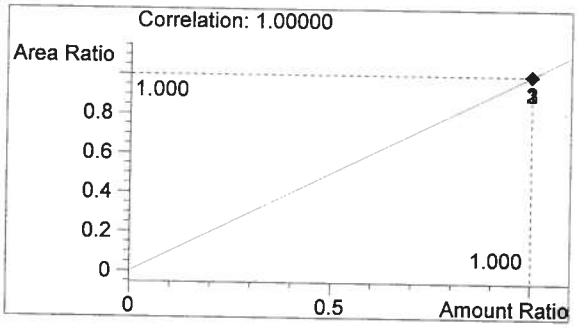


#	Compound	Area	RT
1	ETHANOL	846	1.068
2	n-PROPANOL	1940	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

C

WASHINGTON STATE TOXICOLOGY LABORATORY

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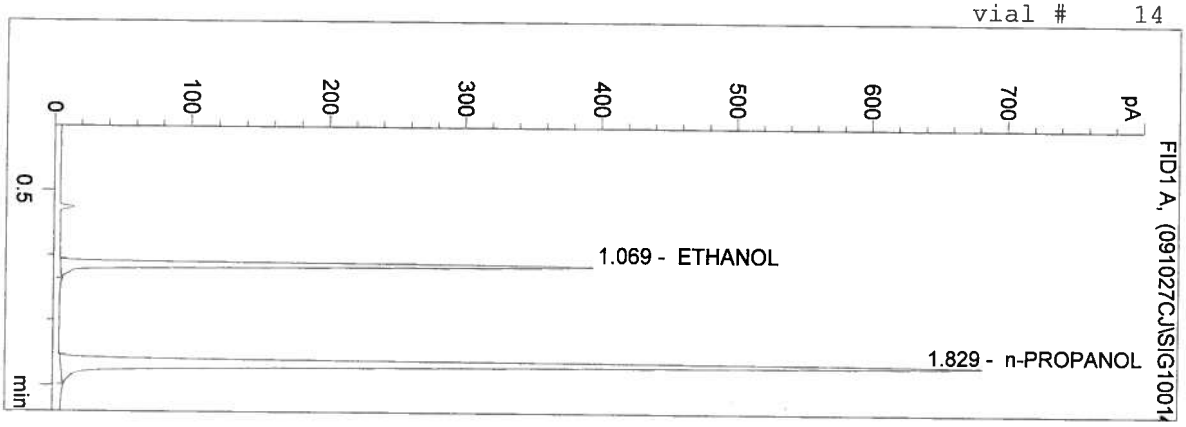
10/27/2009 5:07:10 PM
Instrument 3
db-alc2

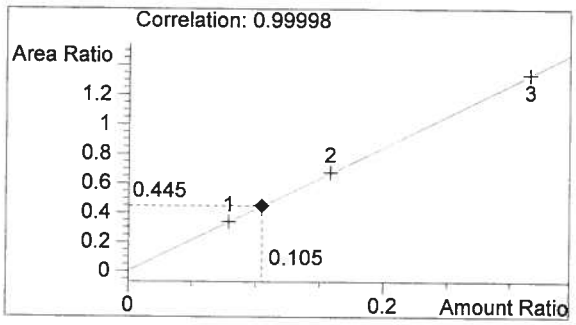
09050 #5 CJ
Chris Johnston

vial # 14

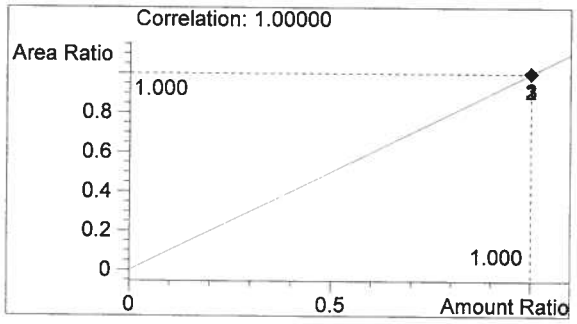


#	Compound	Area	RT
1	ETHANOL	865	1.069
2	n-PROPANOL	1943	1.829

Totals:



ETHANOL 0.105 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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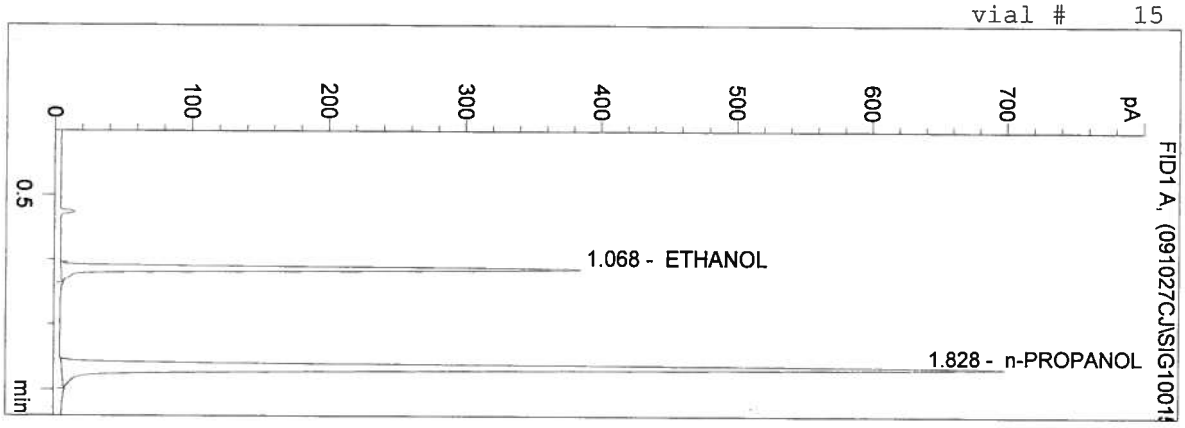
10/27/2009 5:10:17 PM
Instrument 3
db-alc2

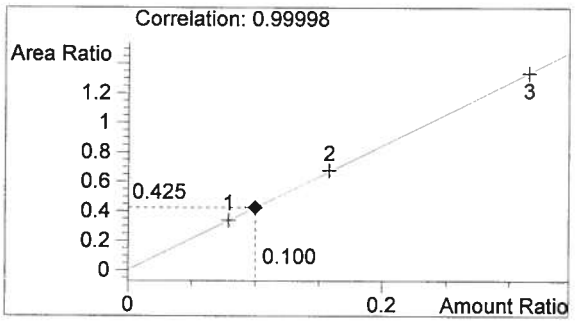
0.10 CTRL-CJ
Chris Johnston

vial # 15

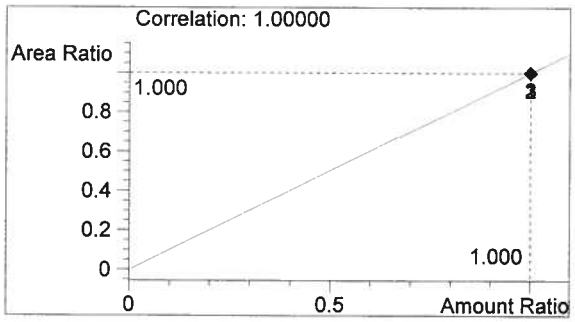


#	Compound	Area	RT
1	ETHANOL	847	1.068
2	n-PROPANOL	1996	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

09050

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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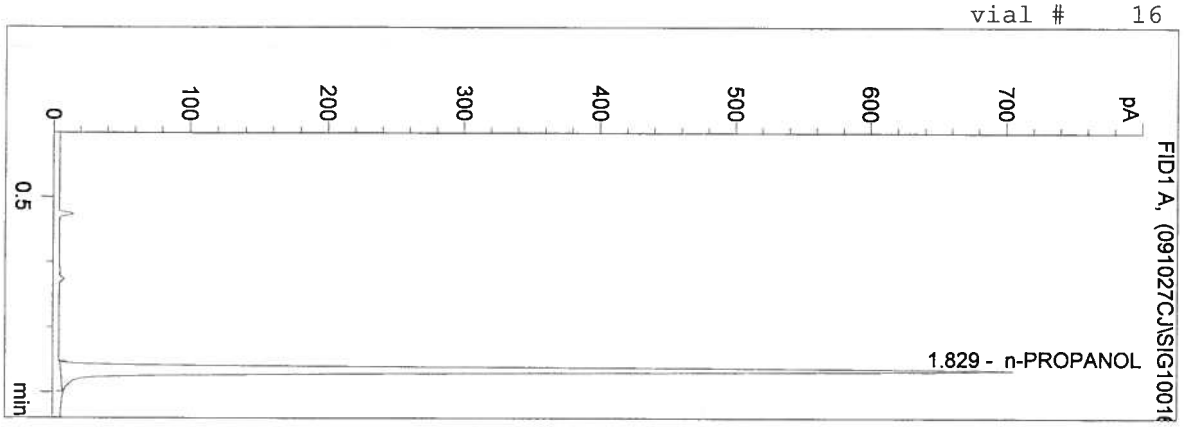
10/27/2009 5:13:25 PM
Instrument 3
db-alc2

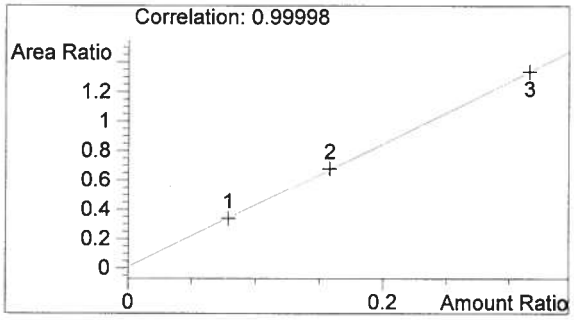
NEG CTRL-CJ
Chris Johnston

vial # 16

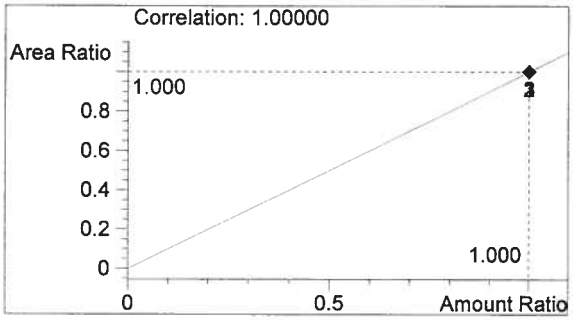


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2015	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09050

CJ

Sequence Parameters:

Operator:	Gwynyth Almendarez
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:	091029GA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL- GA	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL- GA	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL- GA	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL- GA	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL- GA	SIMALC	1	Ctrl Samp		
10	Vial 10	09050 #1	SIMALC	1	Sample		
11	Vial 11	09050 #2	SIMALC	1	Sample		
12	Vial 12	09050 #3	SIMALC	1	Sample		
13	Vial 13	09050 #4	SIMALC	1	Sample		
14	Vial 14	09050 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL- GA	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL- GA	SIMALC	1	Ctrl Samp		

Calibration Part:

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

09050

Sequence Table (Back Injector):

No entries - empty table!

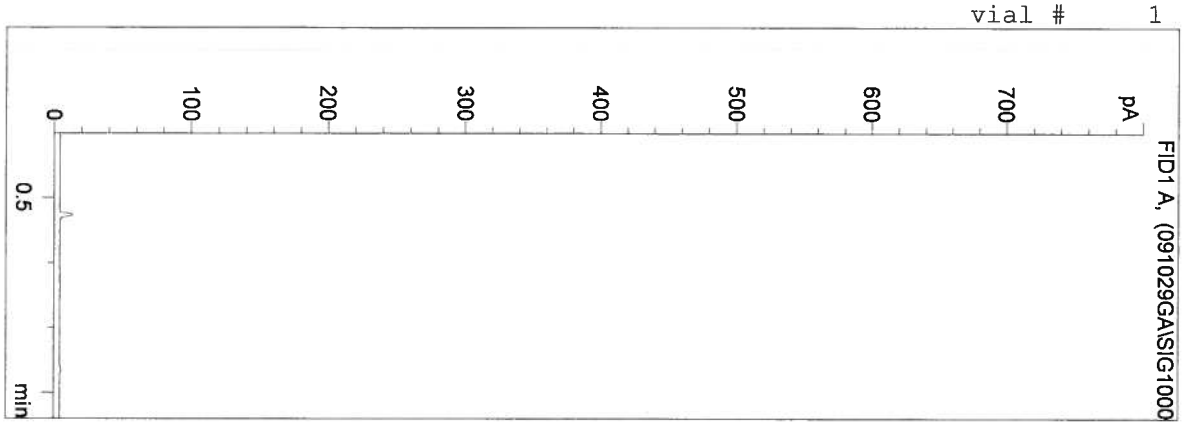
09050

WASHINGTON STATE TOXICOLOGY LABORATORY

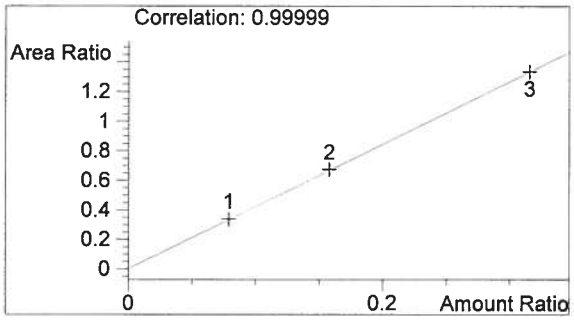
C:\HPCHEM\2\METHODS\SIMALC.M
10/29/2009 9:38:19 AM
Instrument 3
db-alc2

Blank
Gwynyth Almendarez

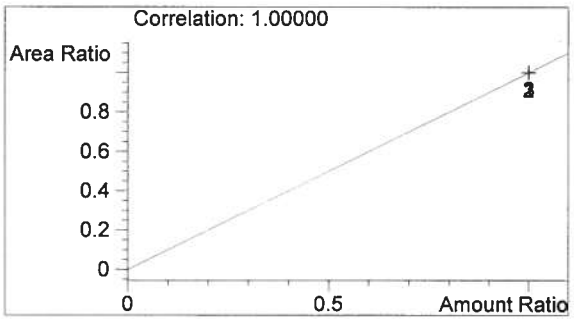
vial # 1



#	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

09050

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WASHINGTON STATE TOXICOLOGY LABORATORY

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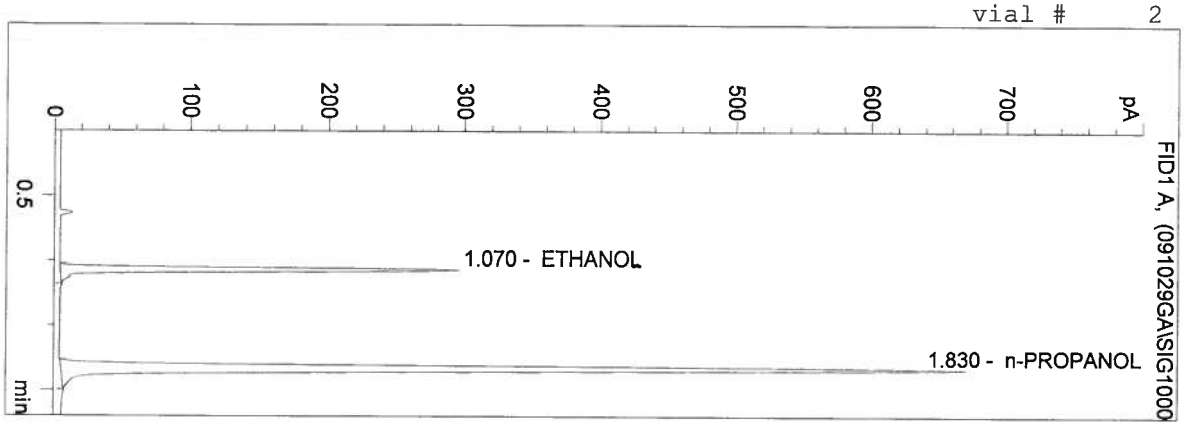
10/29/2009 9:41:26 AM
Instrument 3
db-alc2

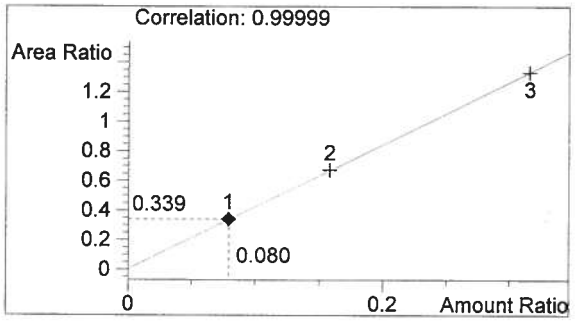
0.079 CAL 1
Gwynyth Almendarez

vial # 2

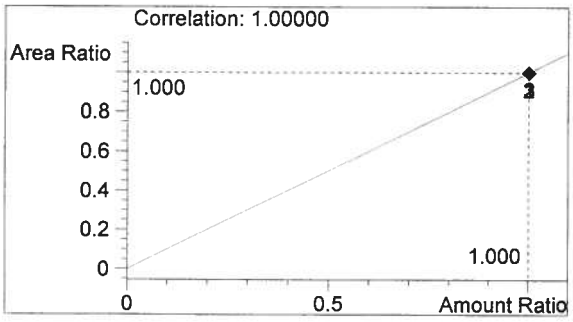


#	Compound	Area	RT
1	ETHANOL	648	1.070
2	n-PROPANOL	1912	1.830

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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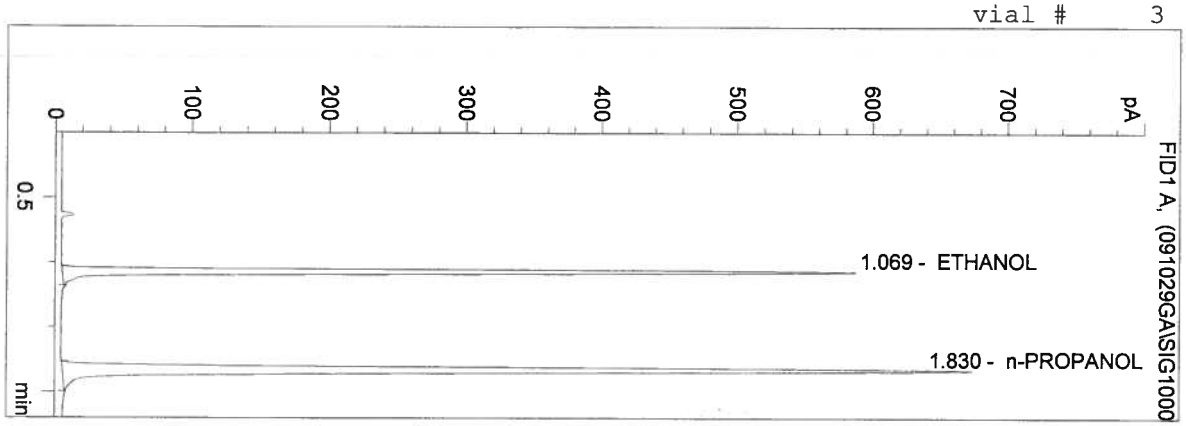
10/29/2009 9:44:34 AM
Instrument 3
db-alc2

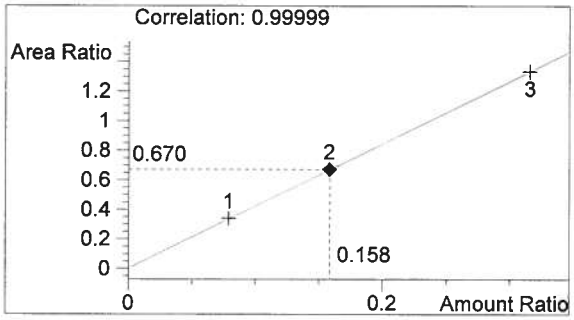
0.158 CAL 2
Gwynyth Almendarez

vial # 3

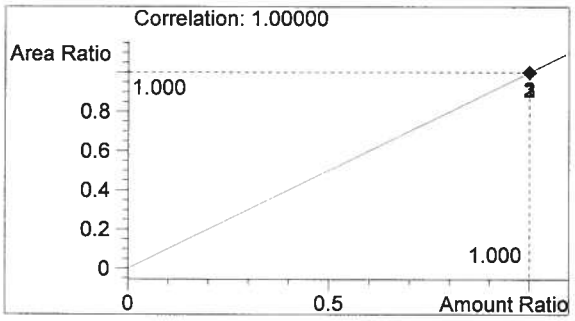


#	Compound	Area	RT
1	ETHANOL	1289	1.069
2	n-PROPANOL	1922	1.830

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

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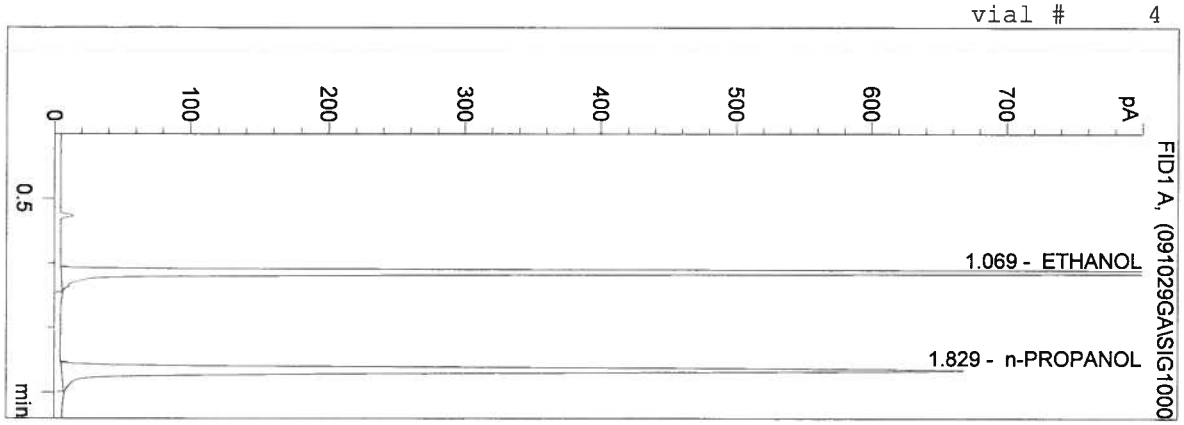
Instrument 3
db-alc2

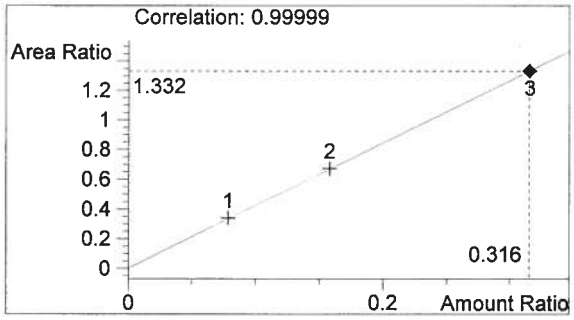
0.316 CAL 3
Gwynyth Almendarez

vial # 4

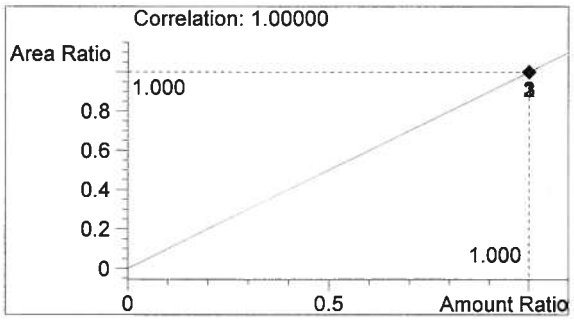


#	Compound	Area	RT
1	ETHANOL	2537	1.069
2	n-PROPANOL	1905	1.829

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

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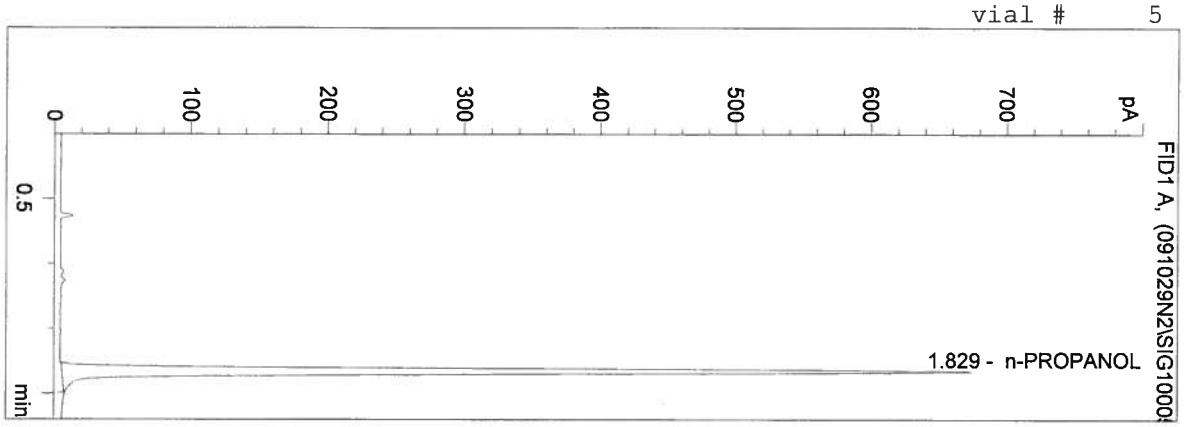
Instrument 3
db-alc2

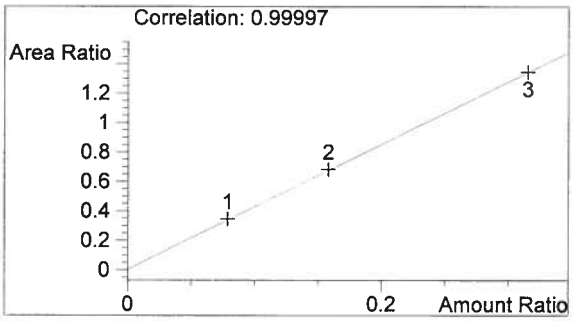
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 5

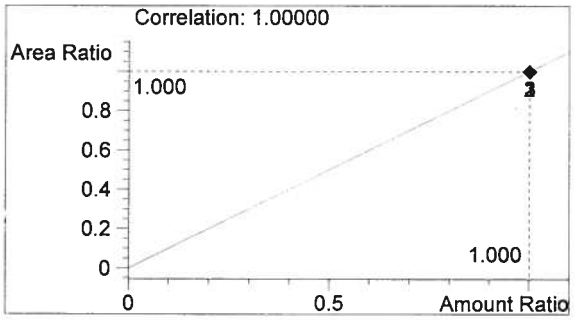


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1921	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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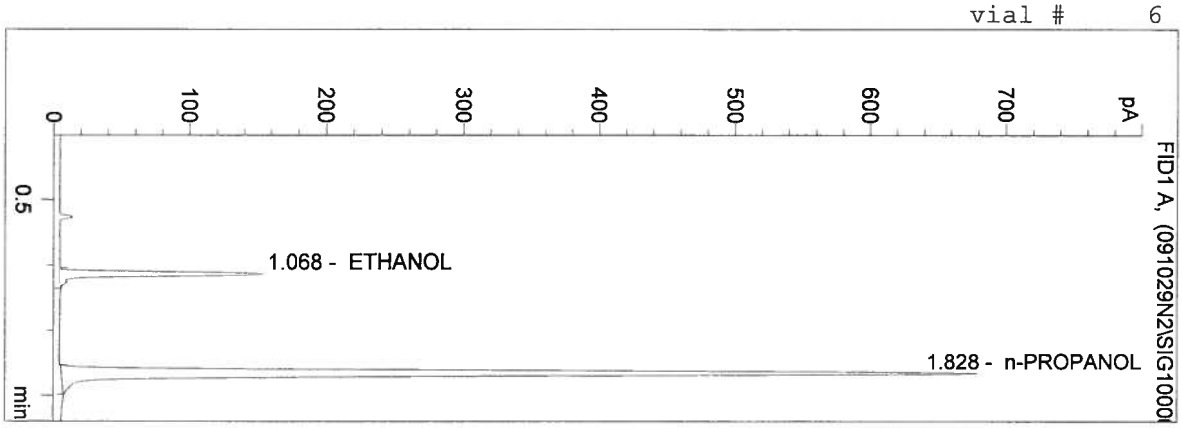
Instrument 3
db-alc2

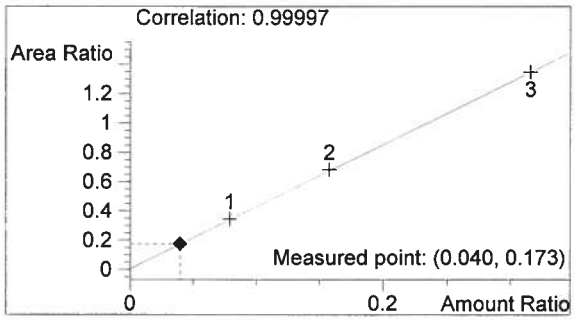
0.04 CTL-NN
Naziha Nuwayhid, PhD

vial # 6

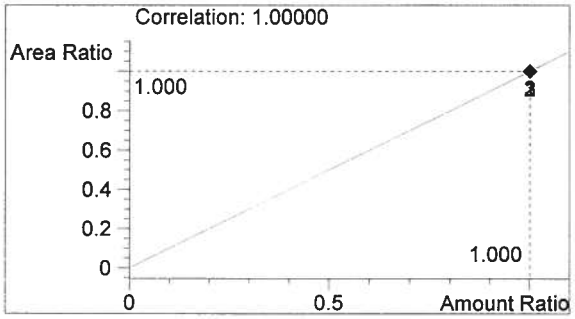


#	Compound	Area	RT
1	ETHANOL	336	1.068
2	n-PROPANOL	1935	1.828

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

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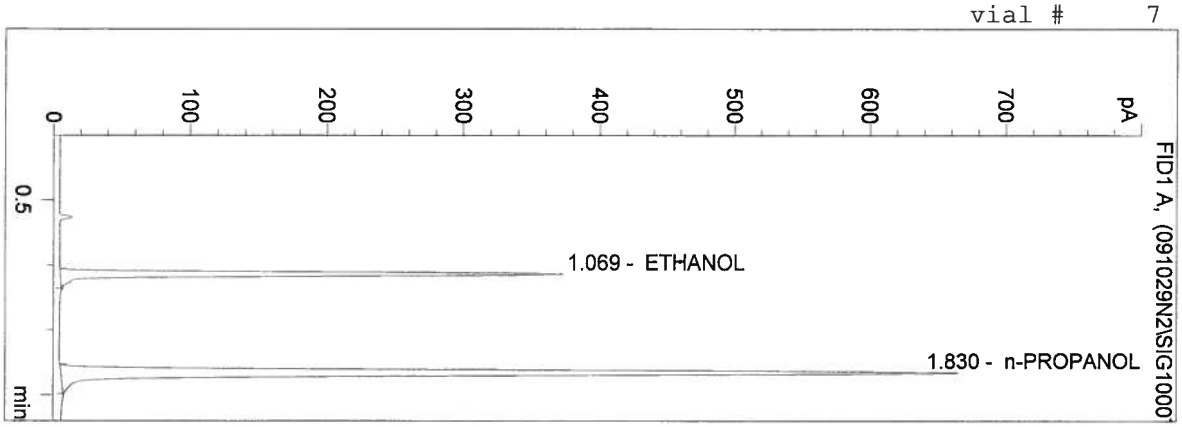
Instrument 3
db-alc2

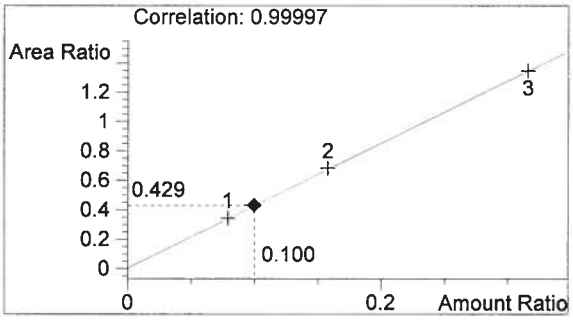
0.10 CTL-NN
Naziha Nuwayhid, PhD

vial # 7

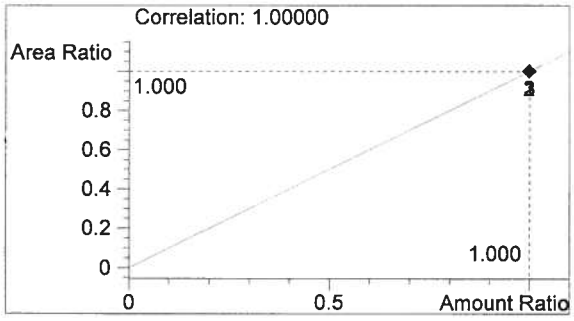


#	Compound	Area	RT
1	ETHANOL	812	1.069
2	n-PROPANOL	1893	1.830

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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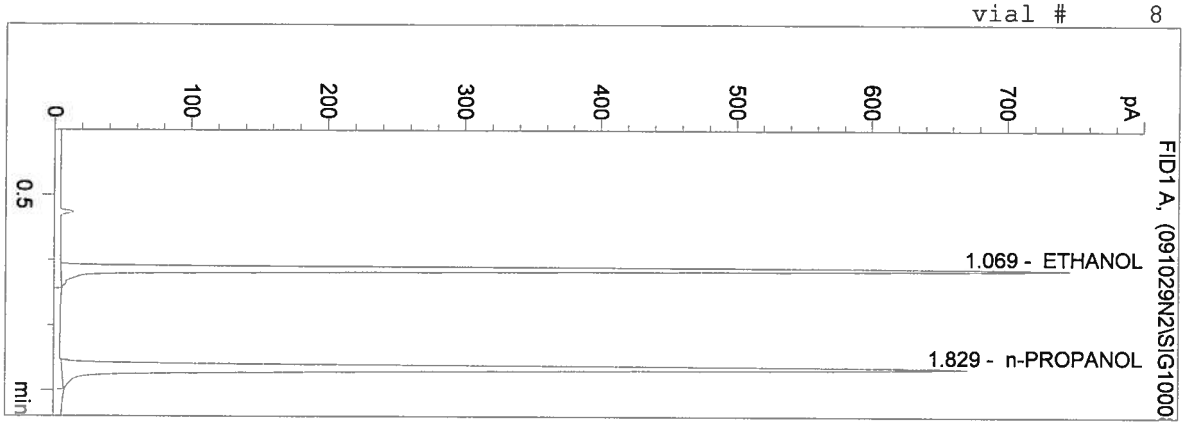
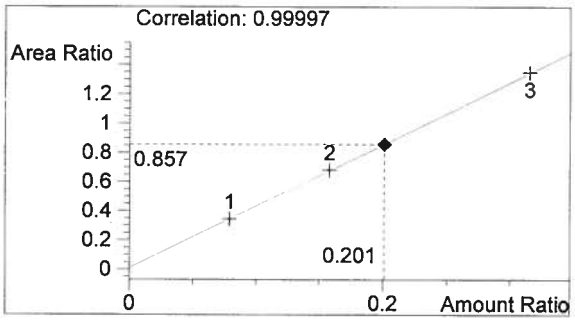
Instrument 3
db-alc2

0.20 CTL-NN
Naziha Nuwayhid, PhD

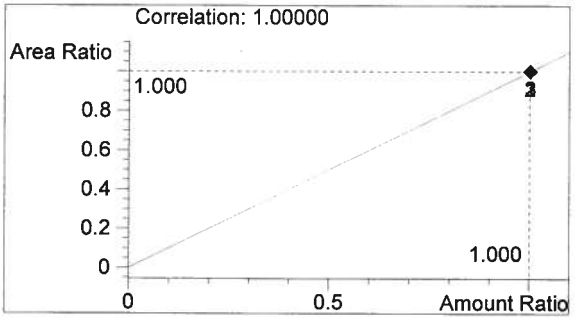
vial # 8



#	Compound	Area	RT
1	ETHANOL	1635	1.069
2	n-PROPANOL	1908	1.829
Totals:			



ETHANOL 0.201 g/100ml



n-PROPANOL 1.000 g/100ml

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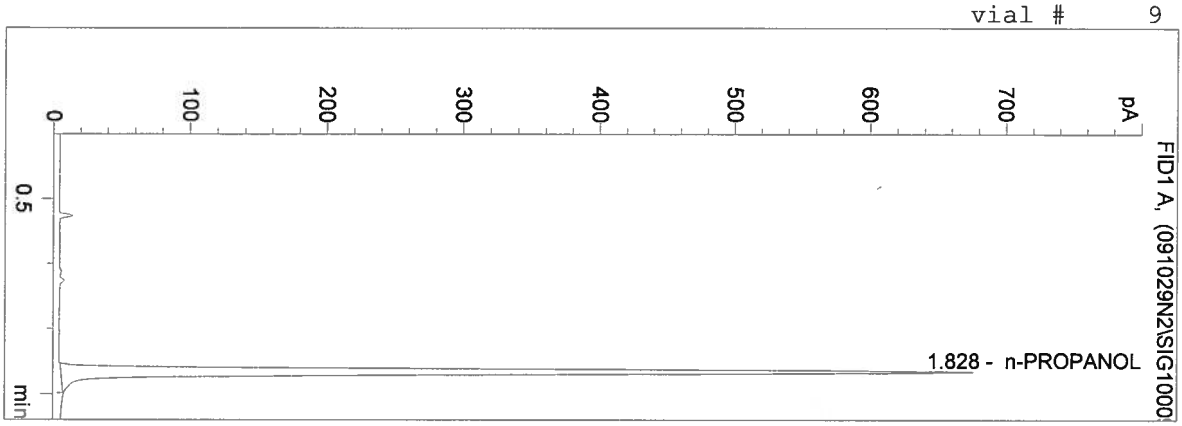
Instrument 3
db-alc2

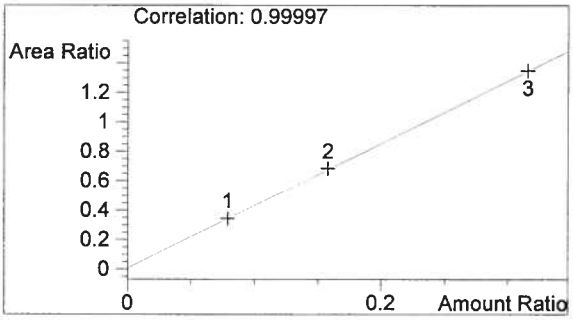
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 9

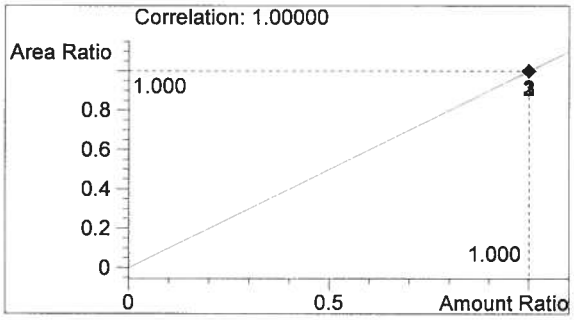


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1929	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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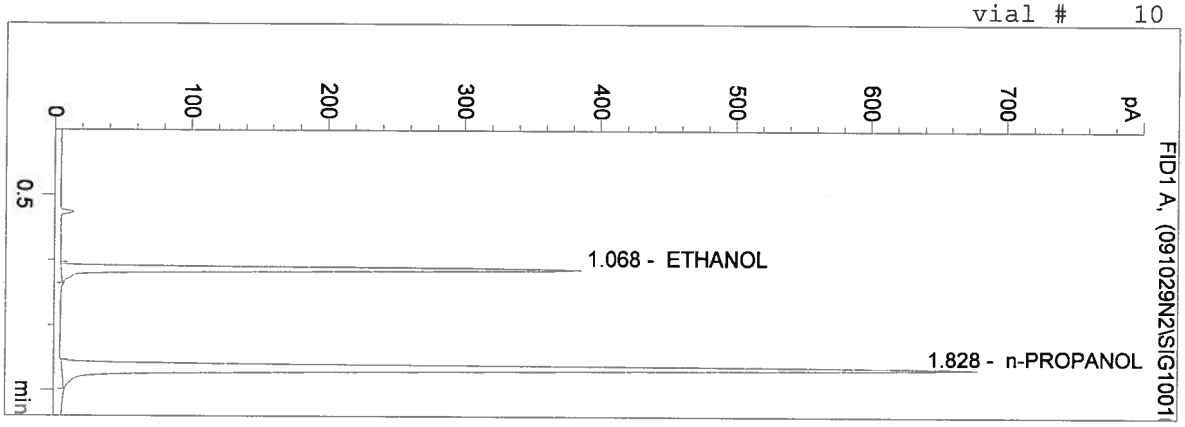
Instrument 3
db-alc2

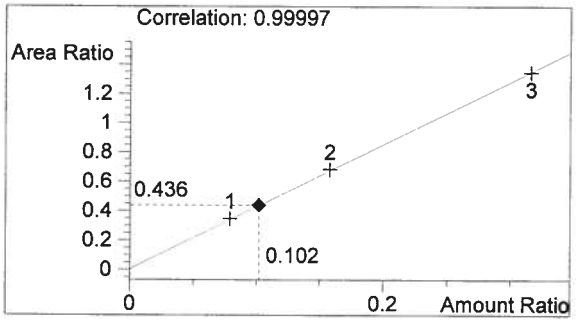
ESS 09050-1
Naziha Nuwayhid, PhD

vial # 10

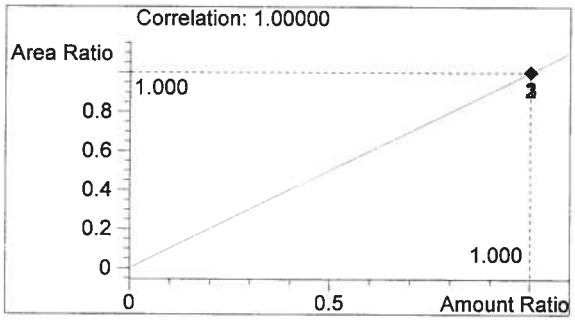


#	Compound	Area	RT
1	ETHANOL	844	1.068
2	n-PROPANOL	1934	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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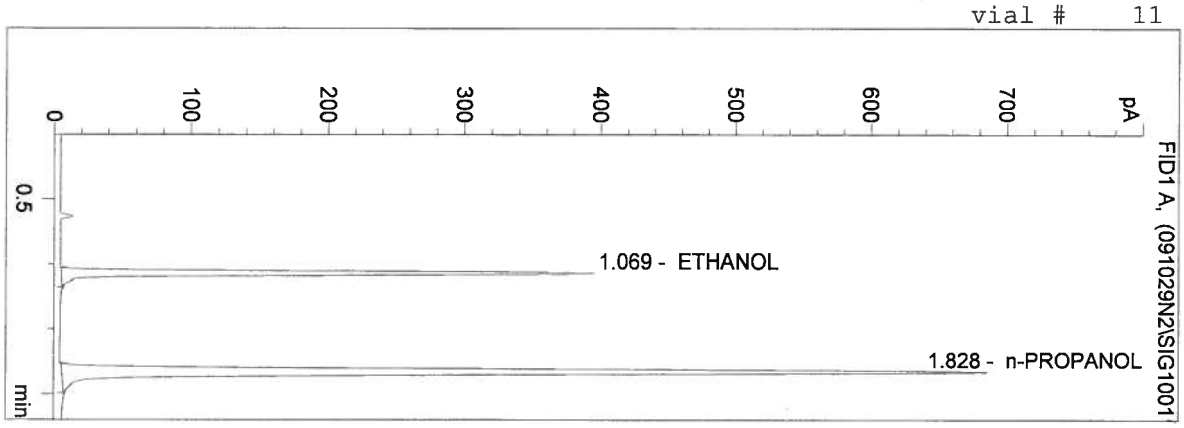
Instrument 3
db-alc2

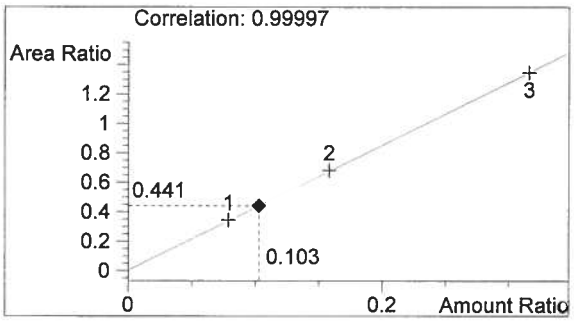
ESS 09050-2
Naziha Nuwayhid, PhD

vial # 11

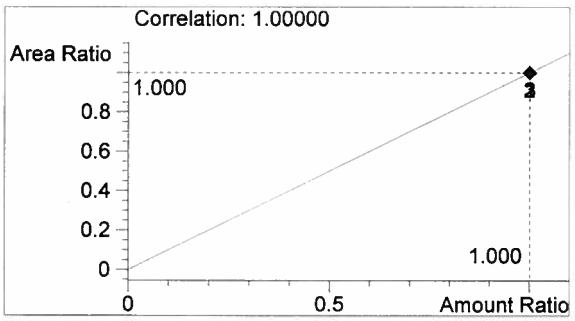


#	Compound	Area	RT
1	ETHANOL	861	1.069
2	n-PROPANOL	1954	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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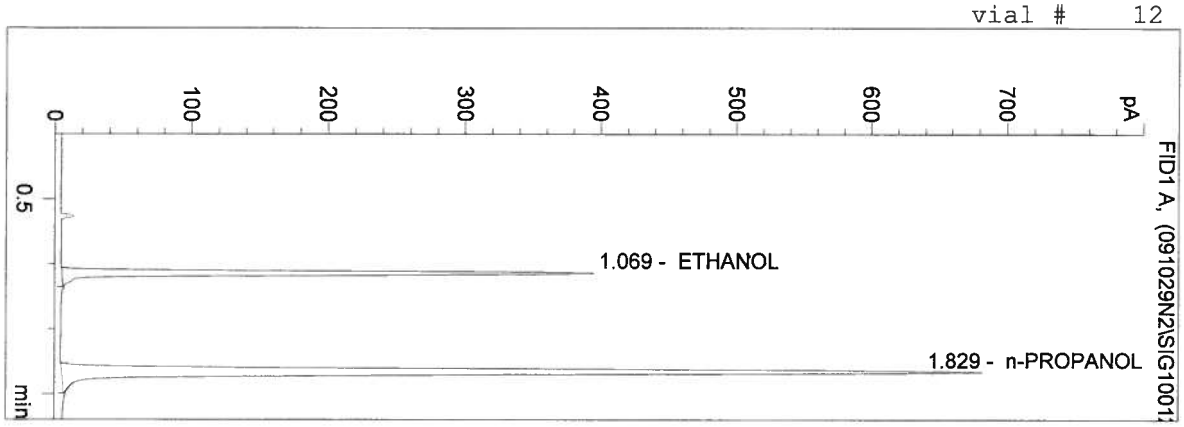
Instrument 3
db-alc2

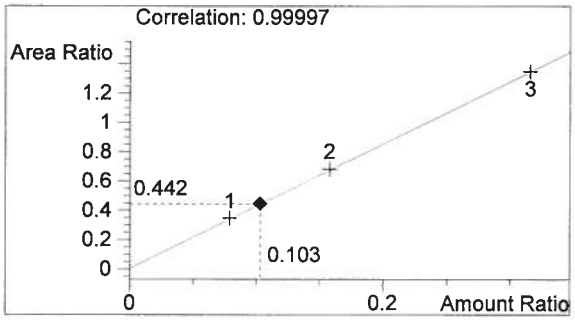
ESS 09050-3
Naziha Nuwayhid, PhD

vial # 12

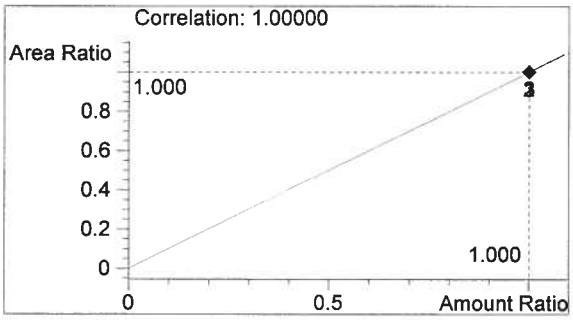


#	Compound	Area	RT
1	ETHANOL	858	1.069
2	n-PROPANOL	1942	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

NN
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WASHINGTON STATE TOXICOLOGY LABORATORY

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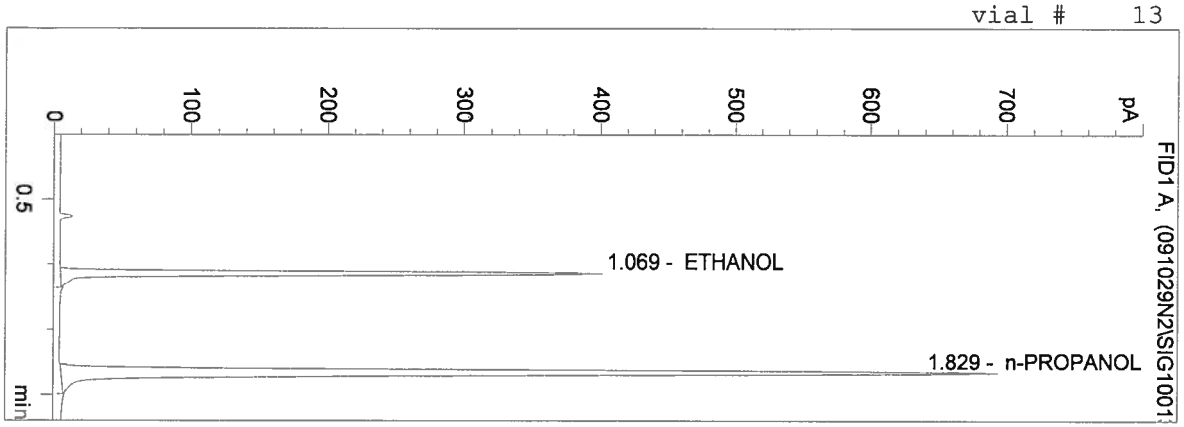
Instrument 3
db-alc2

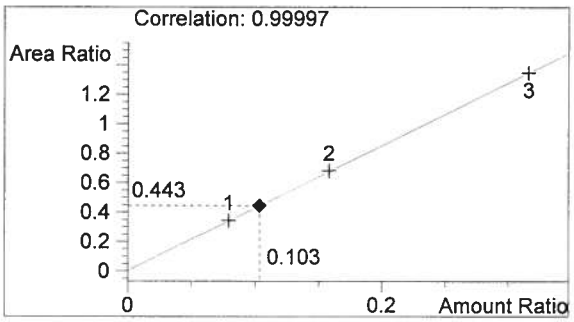
ESS 09050-4
Naziha Nuwayhid, PhD

vial # 13

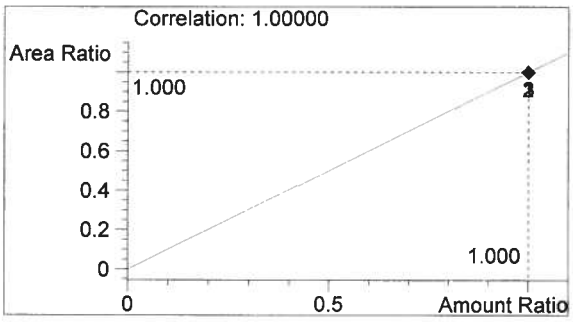


#	Compound	Area	RT
1	ETHANOL	874	1.069
2	n-PROPANOL	1974	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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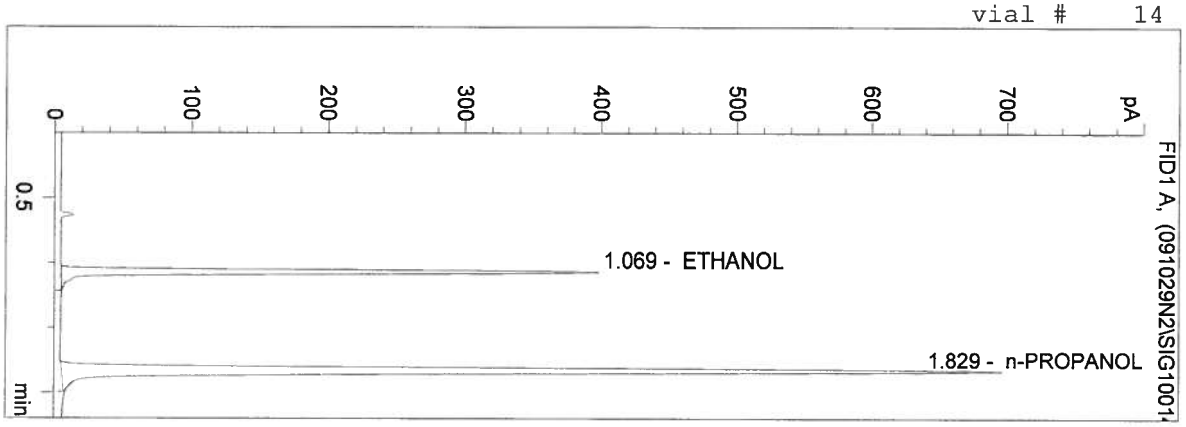
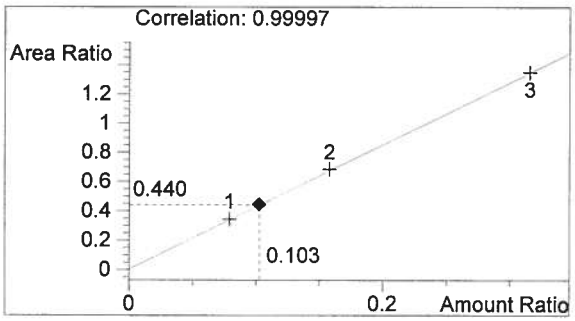
Instrument 3
db-alc2

ESS 09050-5
Naziha Nuwayhid, PhD

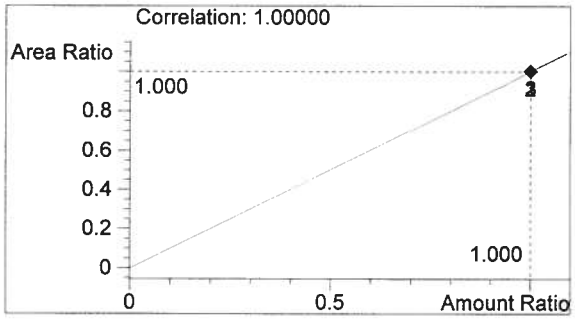
vial # 14



#	Compound	Area	RT
1	ETHANOL	874	1.069
2	n-PROPANOL	1986	1.829
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

NW
10/29/09

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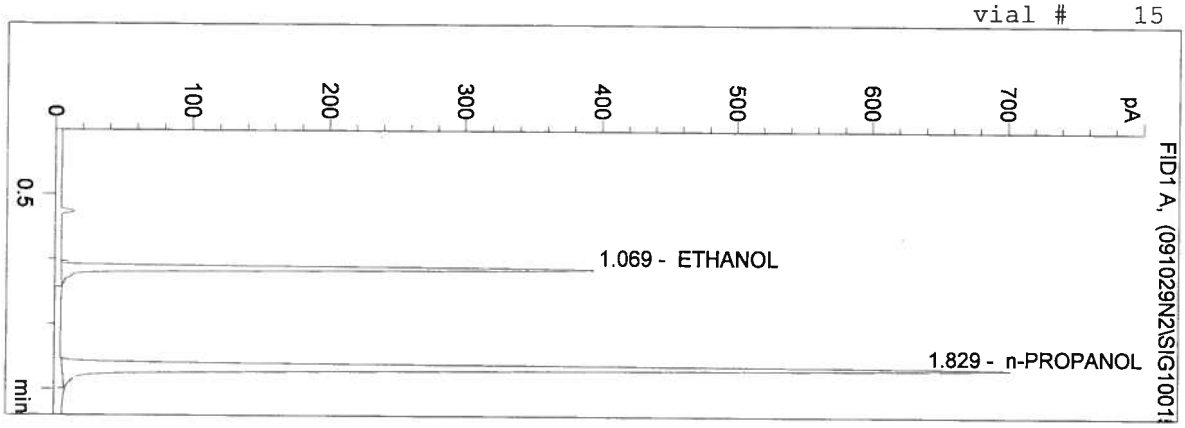
Instrument 3
db-alc2

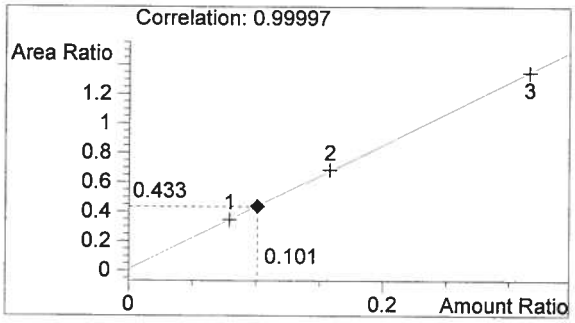
0.10 CTL-NN
Naziha Nuwayhid, PhD

vial # 15

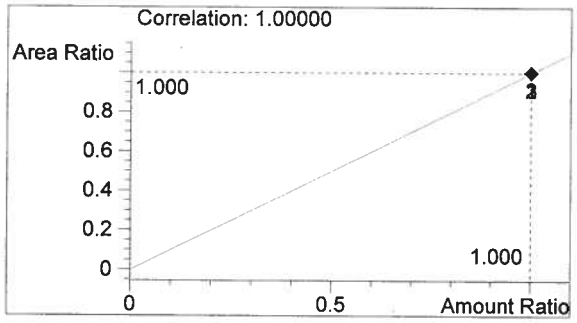


#	Compound	Area	RT
1	ETHANOL	866	1.069
2	n-PROPANOL	2001	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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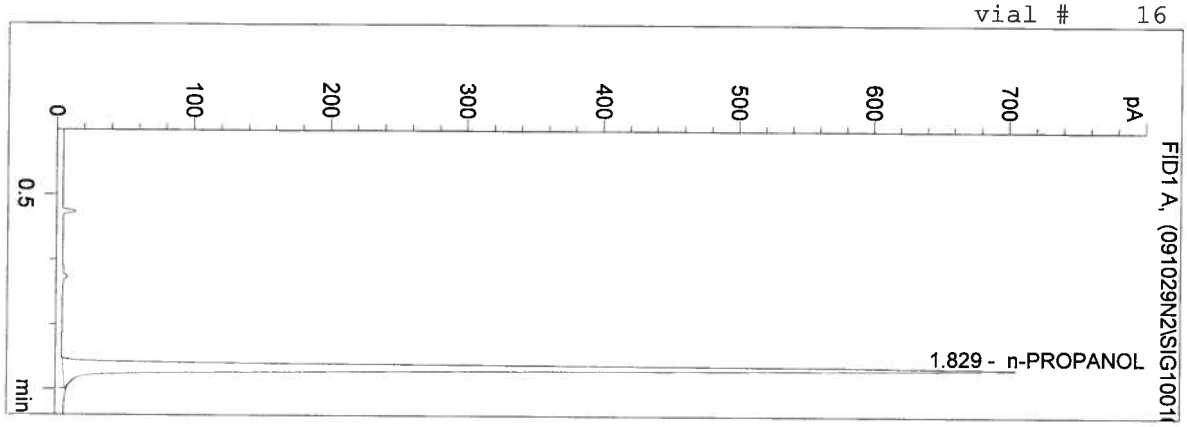
Instrument 3
db-alc2

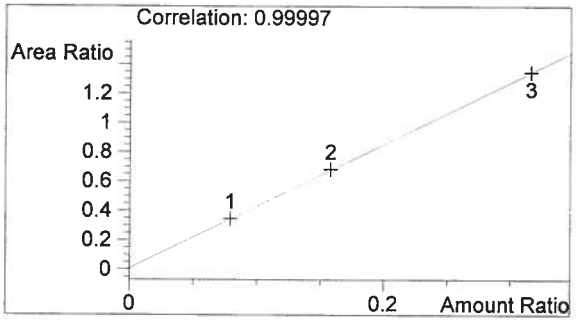
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 16

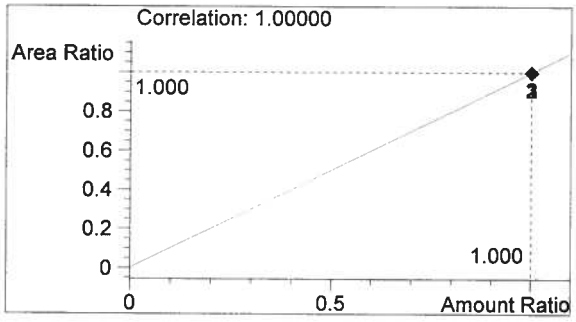


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2012	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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NN
10/29/09

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:	091029N2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL3	SIMALC	1	Calib		
5	Vial 5	NEG CTL-NN	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTL-NN	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTL-NN	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTL-NN	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTL-NN	SIMALC	1	Ctrl Samp		
10	Vial 10	ESS 09050-1	SIMALC	1	Sample		
11	Vial 11	ESS 09050-2	SIMALC	1	Sample		
12	Vial 12	ESS 09050-3	SIMALC	1	Sample		
13	Vial 13	ESS 09050-4	SIMALC	1	Sample		
14	Vial 14	ESS 09050-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTL-NN	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTL-NN	SIMALC	1	Ctrl Samp		

Calibration Part:

= 09050

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

NN
10/29/09

Sequence Table (Back Injector):

No entries - empty table!

09050

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10/29/09

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Instrument 3
db-alc2

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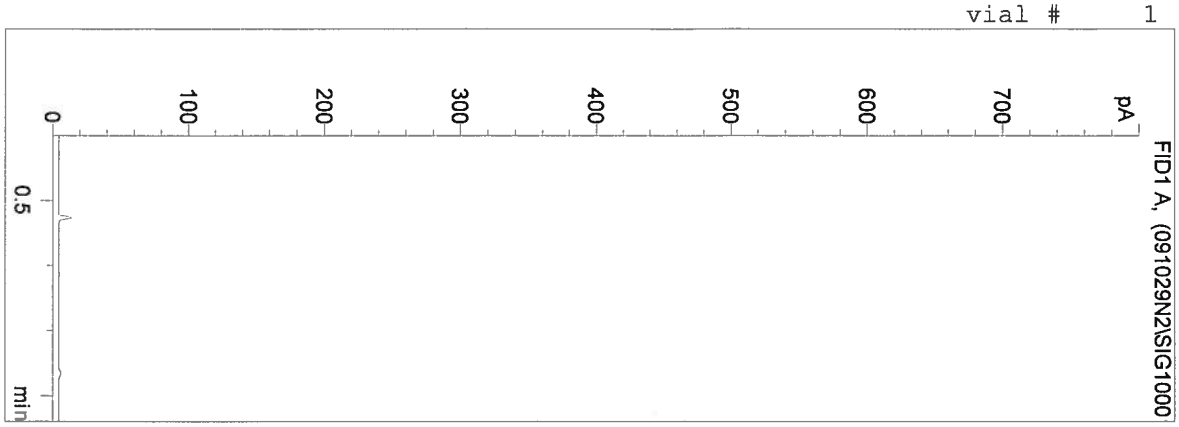
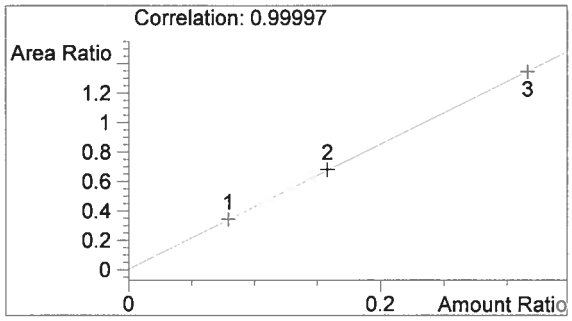
Naziha Nuwayhid, PhD

vial # 1

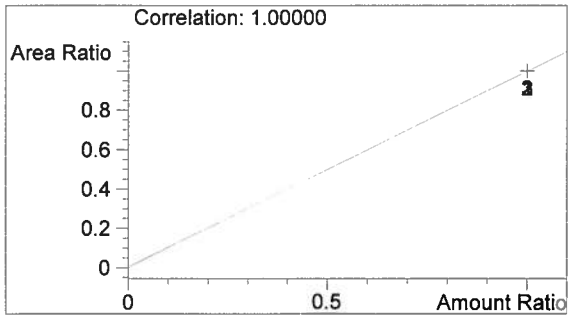


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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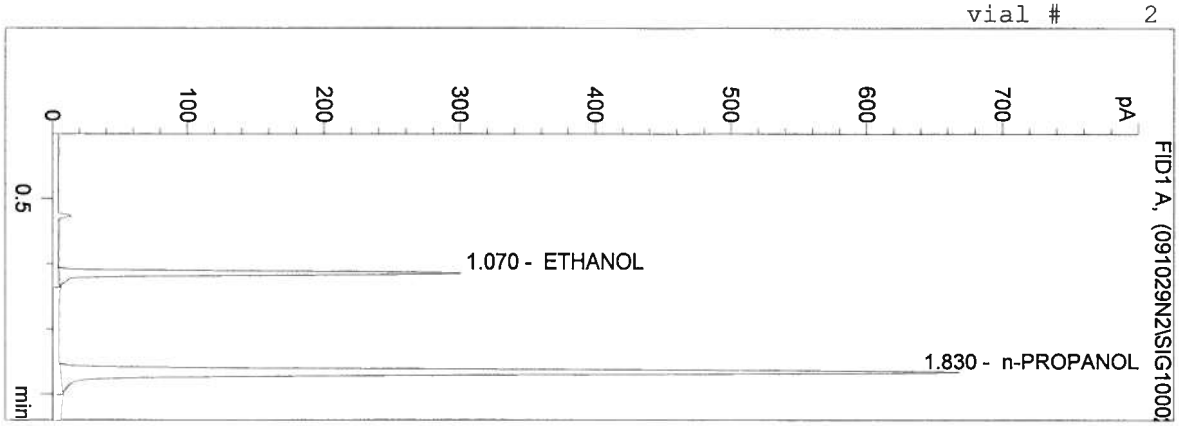
Instrument 3
db-alc2

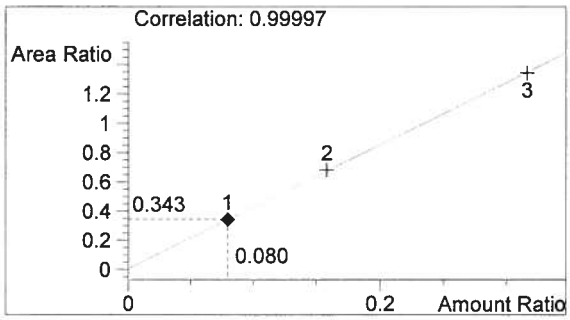
0.079 CAL1
Naziha Nuwayhid, PhD

vial # 2

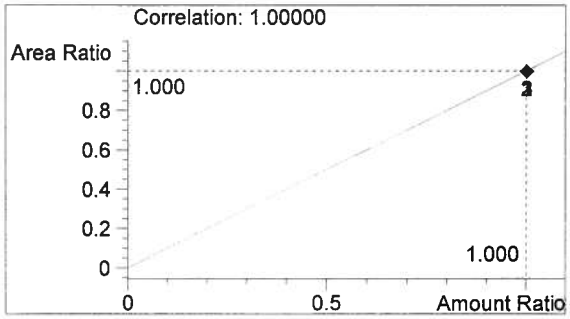


#	Compound	Area	RT
1	ETHANOL	653	1.070
2	n-PROPANOL	1904	1.830

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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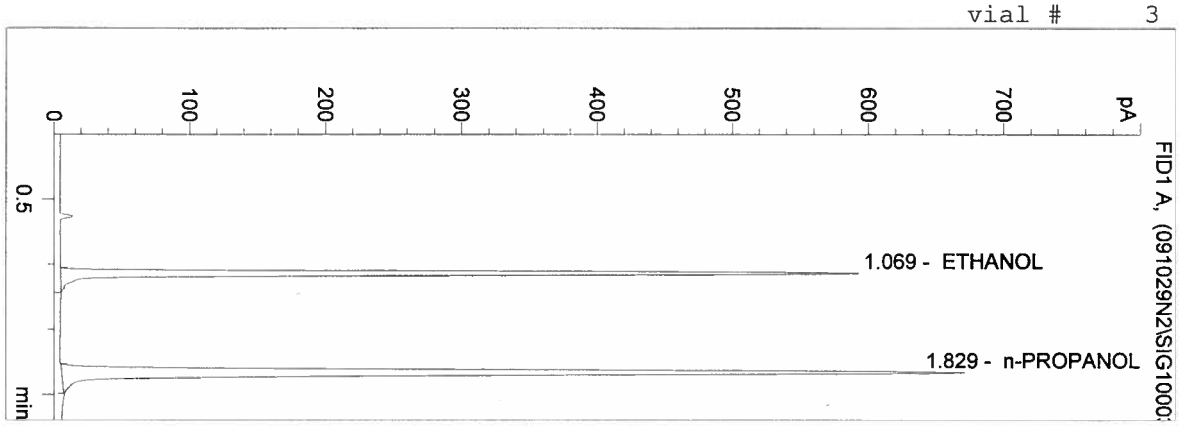
Instrument 3
db-alc2

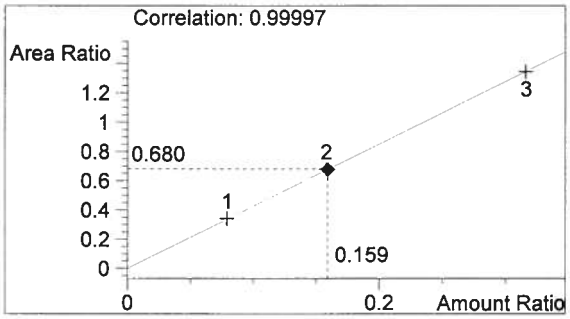
0.158 CAL2
Naziha Nuwayhid, PhD

vial # 3

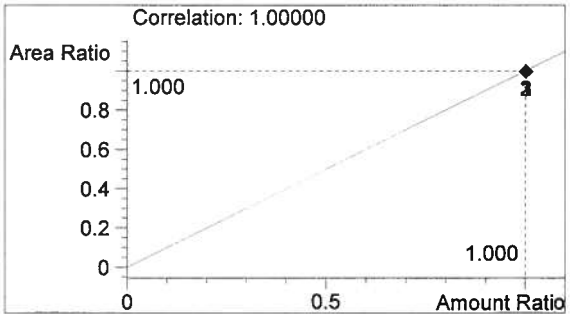


#	Compound	Area	RT
1	ETHANOL	1295	1.069
2	n-PROPANOL	1906	1.829

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

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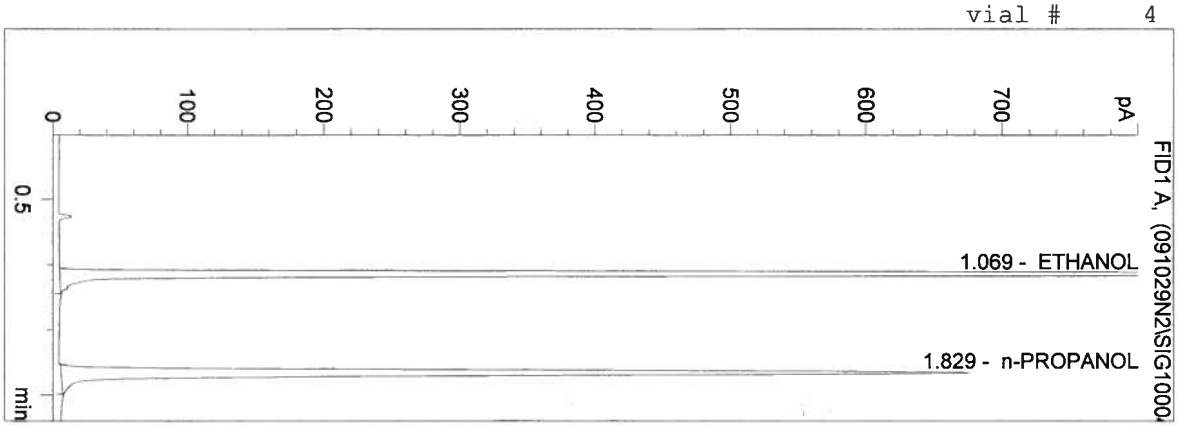
Instrument 3
db-alc2

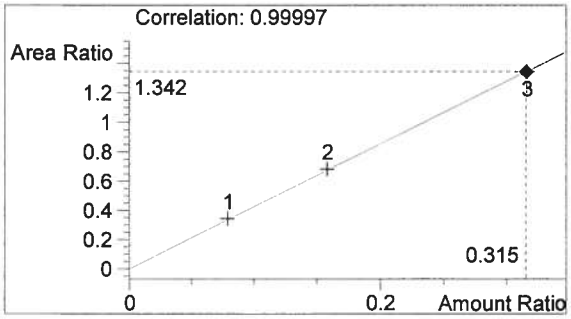
0.316 CAL3
Naziha Nuwayhid, PhD

vial # 4

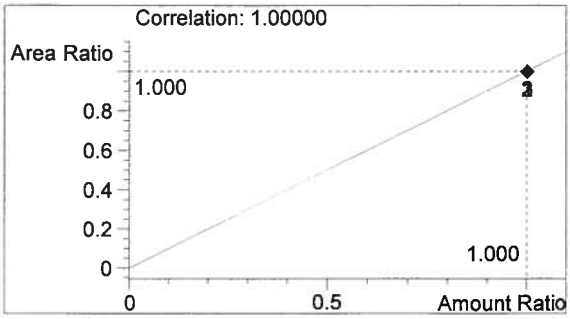


#	Compound	Area	RT
1	ETHANOL	2586	1.069
2	n-PROPANOL	1927	1.829

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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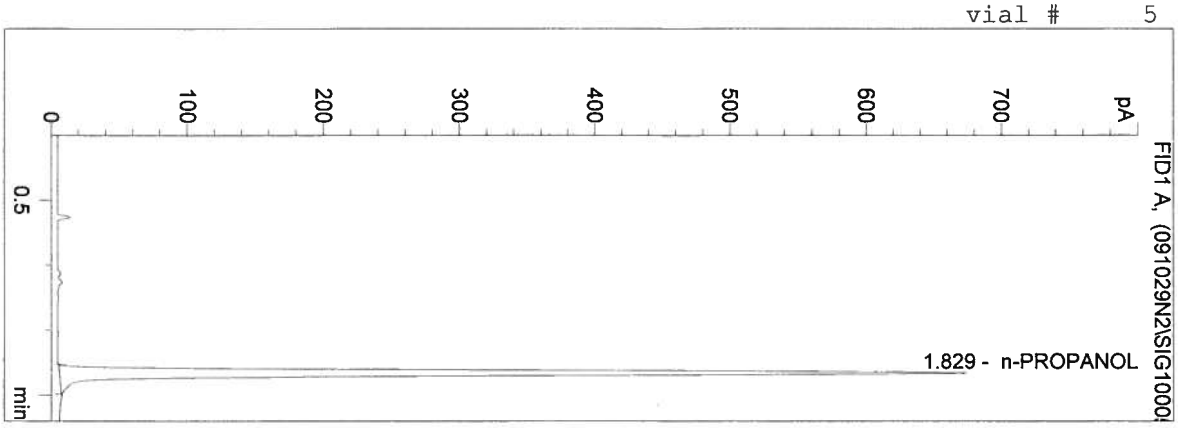
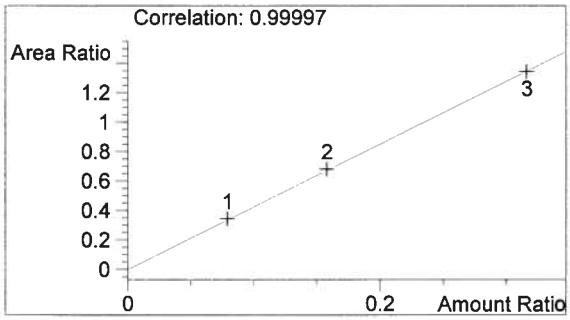
vial # 5

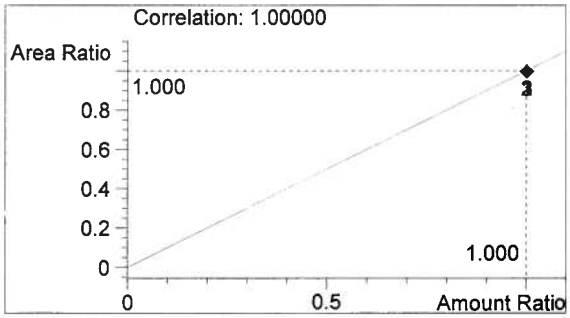


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1921	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

0.04 CTL-NN
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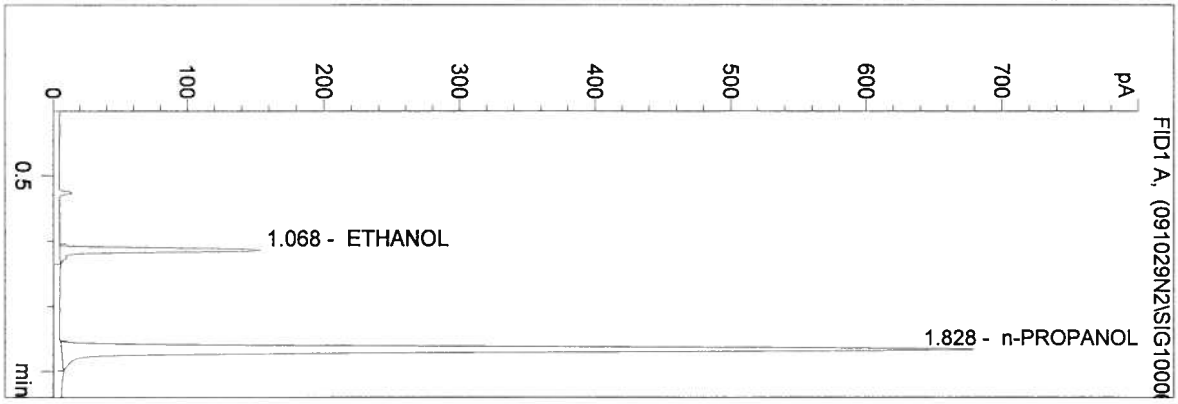
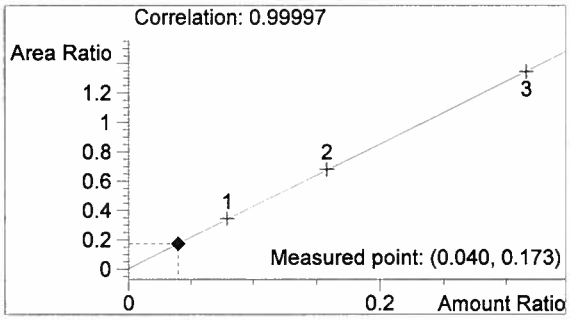
vial # 6

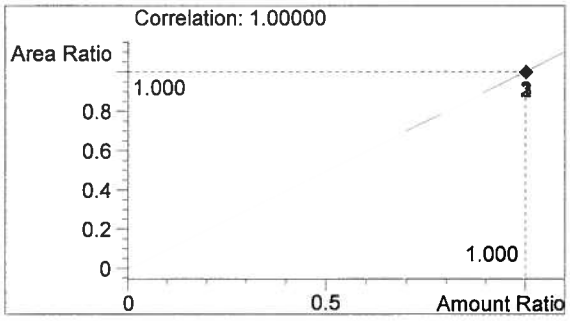


#	Compound	Area	RT
1	ETHANOL	336	1.068
2	n-PROPANOL	1935	1.828

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

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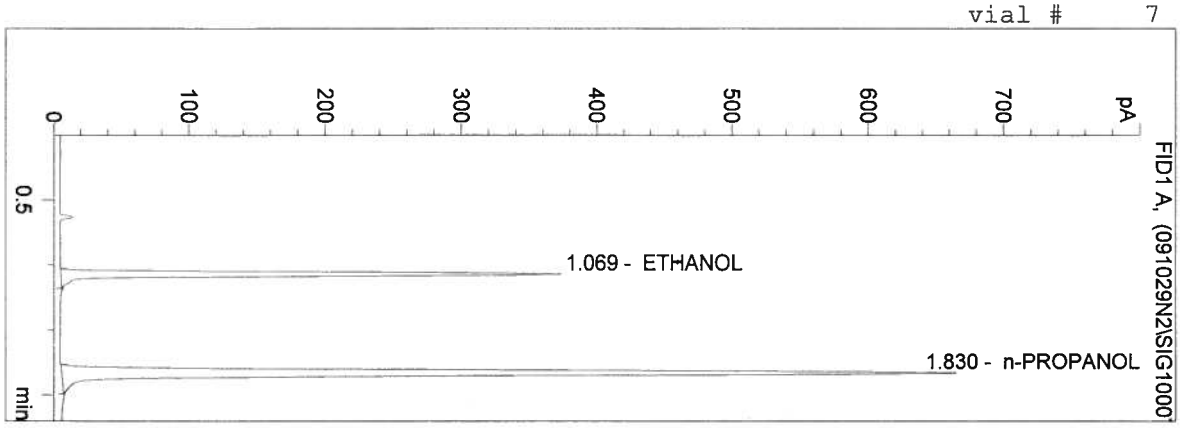
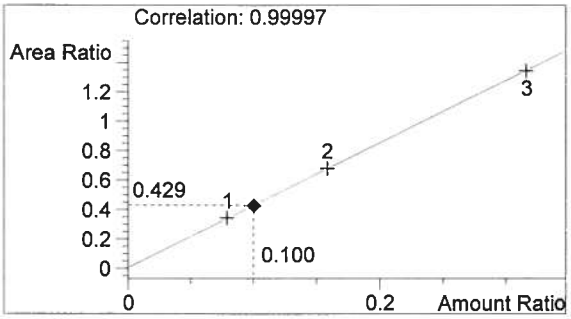
Instrument 3
db-alc2

0.10 CTL-NN
Naziha Nuwayhid, PhD

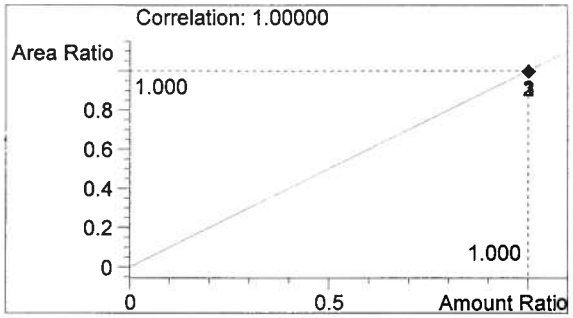
vial # 7



#	Compound	Area	RT
1	ETHANOL	812	1.069
2	n-PROPANOL	1893	1.830
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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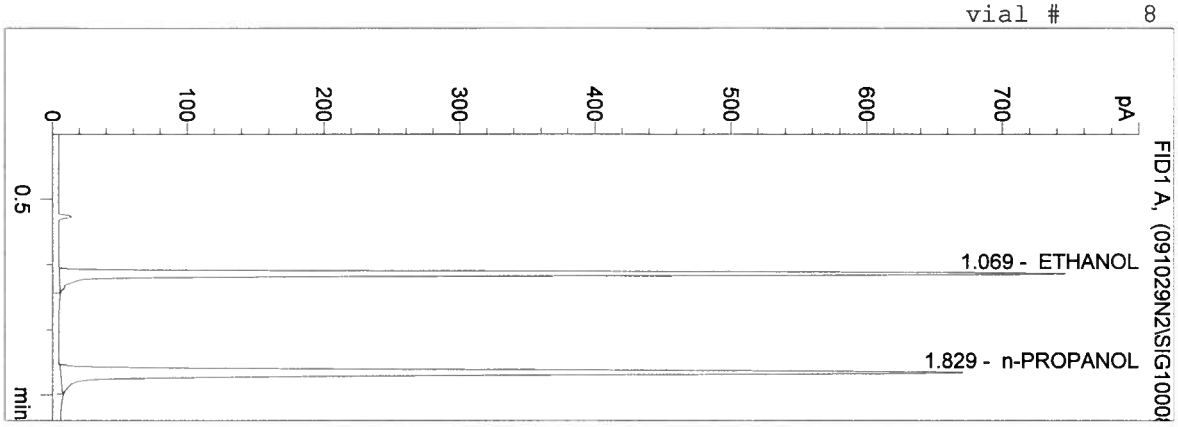
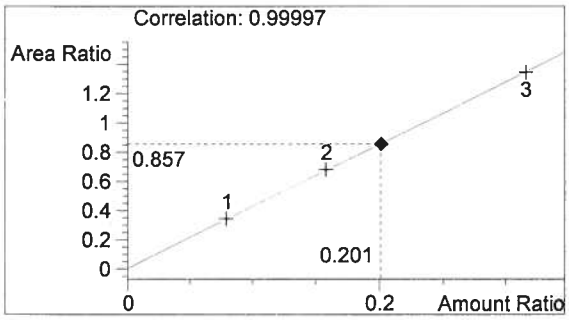
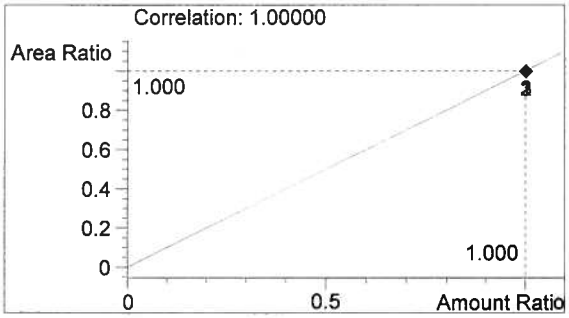
vial # 8



#	Compound	Area	RT
1	ETHANOL	1635	1.069
2	n-PROPANOL	1908	1.829
Totals:			



ETHANOL 0.201 g/100ml



n-PROPANOL 1.000 g/100ml

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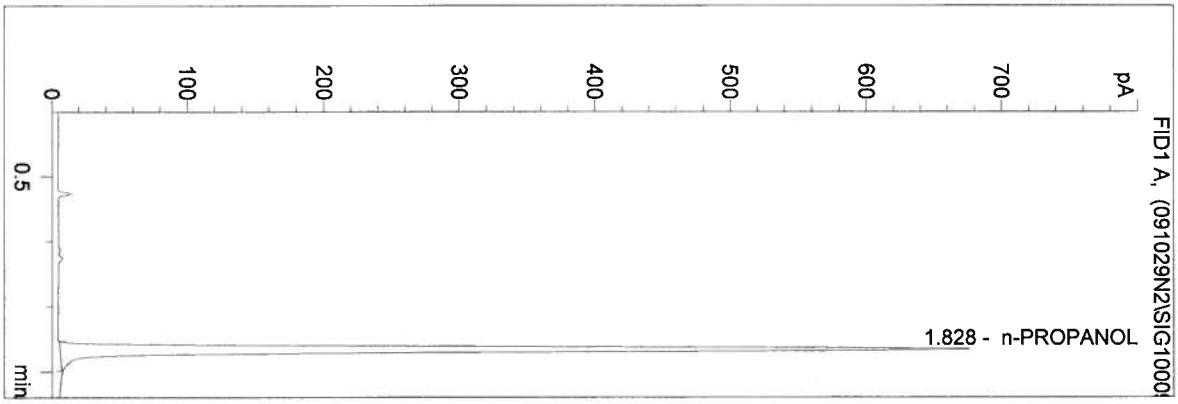
Instrument 3
db-alc2

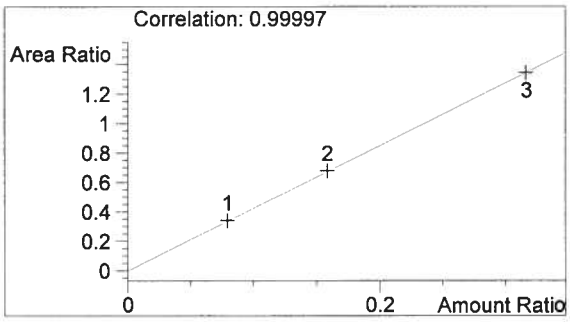
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 9

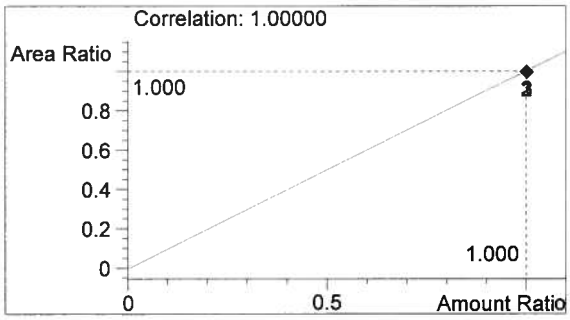


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1929	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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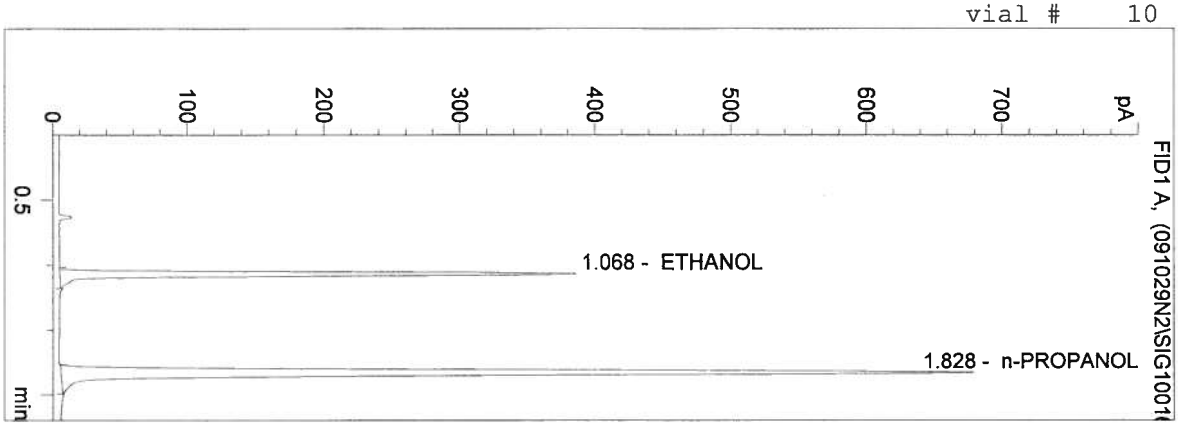
Instrument 3
db-alc2

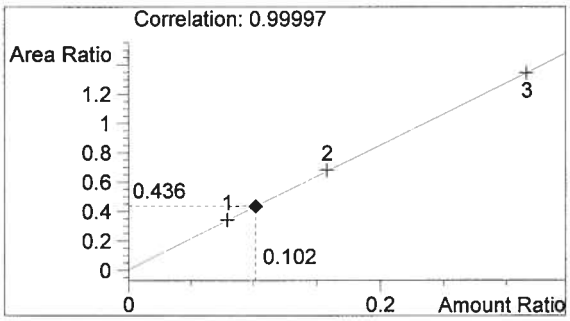
ESS 09050-1
Naziha Nuwayhid, PhD

vial # 10

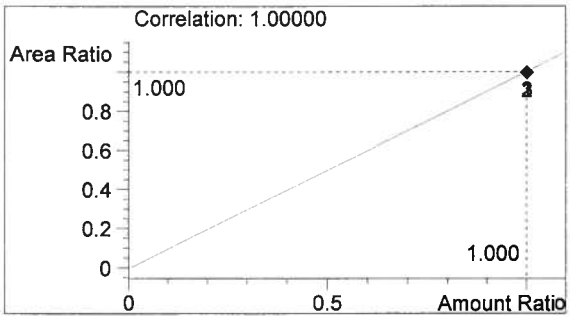


#	Compound	Area	RT
1	ETHANOL	844	1.068
2	n-PROPANOL	1934	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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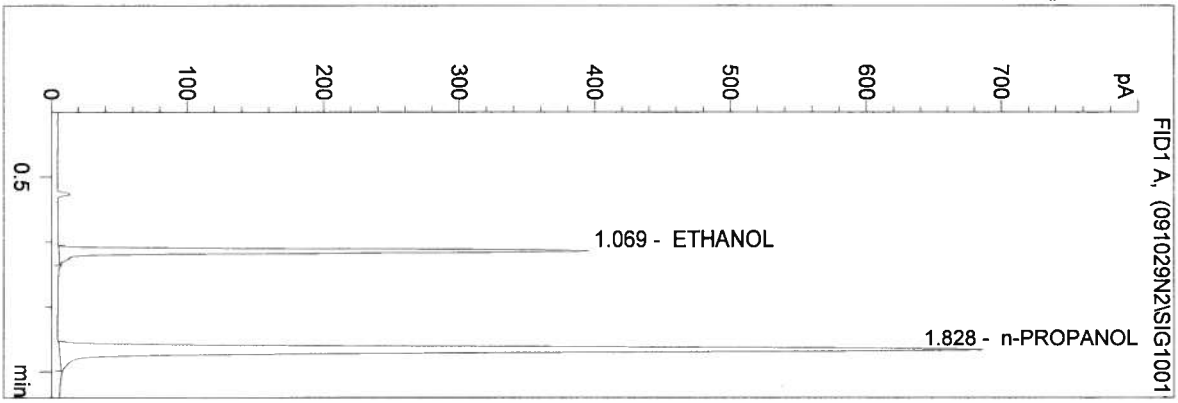
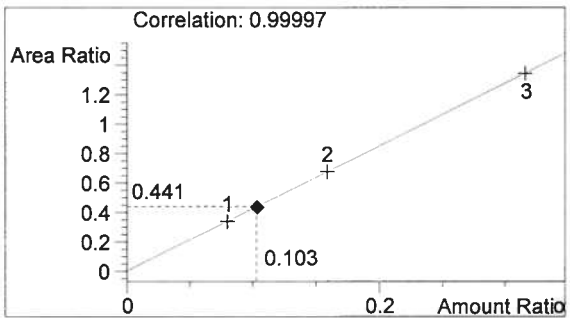
Instrument 3
db-alc2

ESS 09050-2
Naziha Nuwayhid, PhD

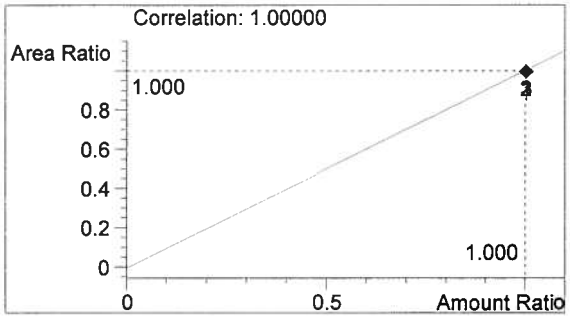
vial # 11



#	Compound	Area	RT
1	ETHANOL	861	1.069
2	n-PROPANOL	1954	1.828
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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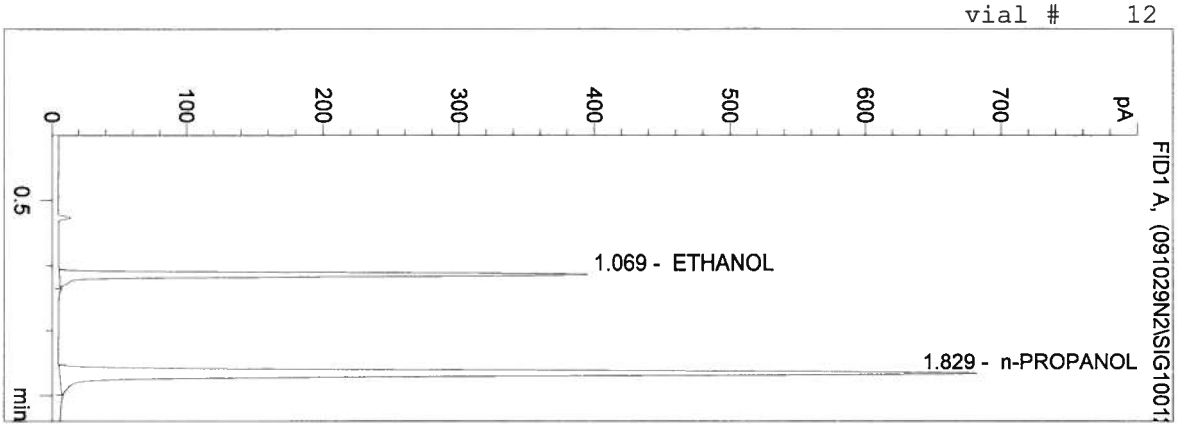
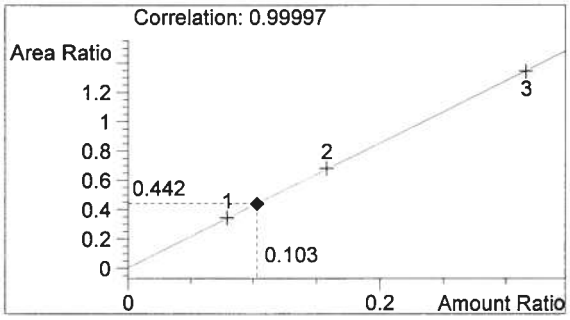
Instrument 3
db-alc2

ESS 09050-3
Naziha Nuwayhid, PhD

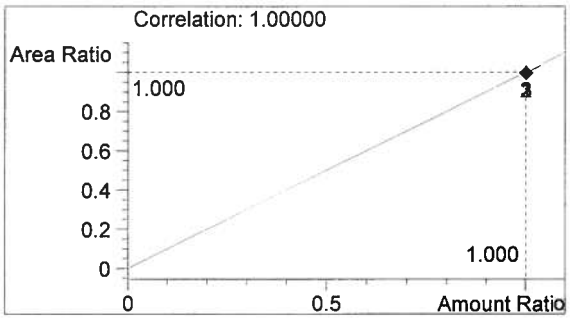
vial # 12



#	Compound	Area	RT
1	ETHANOL	858	1.069
2	n-PROPANOL	1942	1.829
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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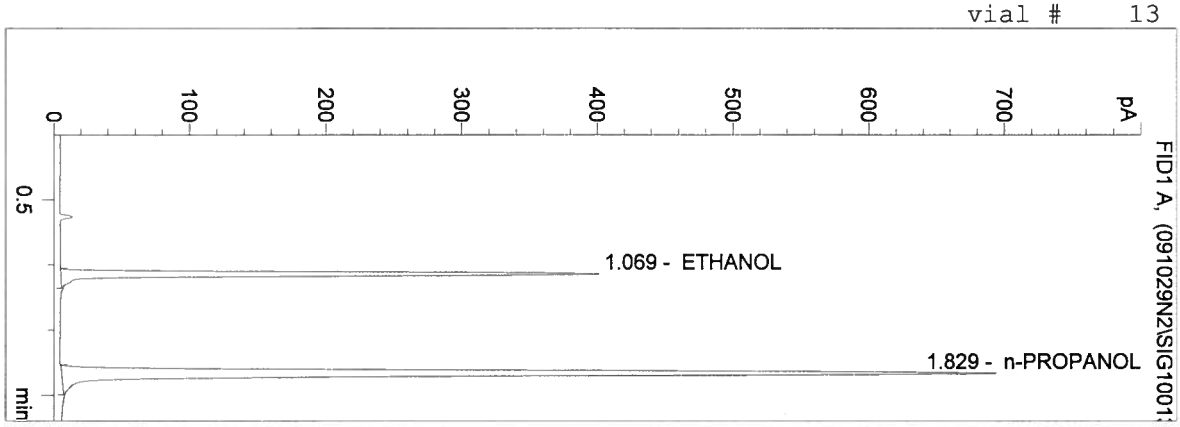
Instrument 3
db-alc2

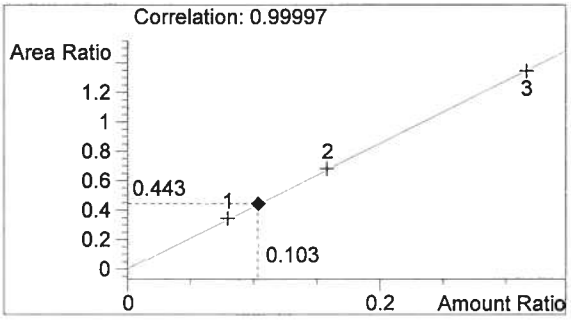
ESS 09050-4
Naziha Nuwayhid, PhD

vial # 13

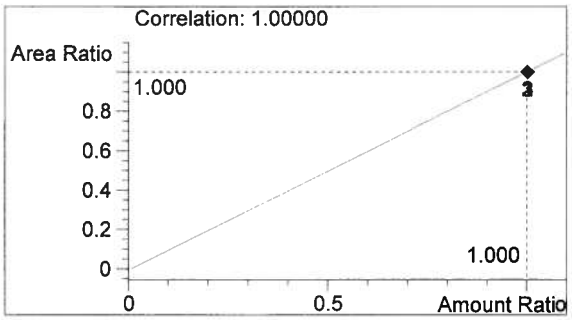


#	Compound	Area	RT
1	ETHANOL	874	1.069
2	n-PROPANOL	1974	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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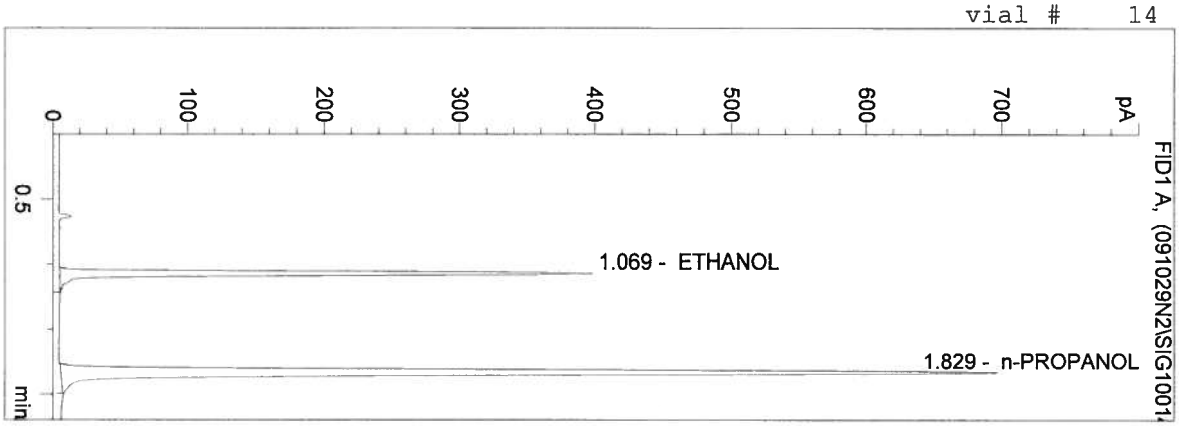
Instrument 3
db-alc2

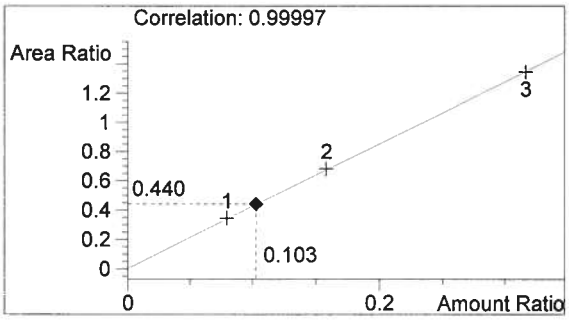
ESS 09050-5
Naziha Nuwayhid, PhD

vial # 14

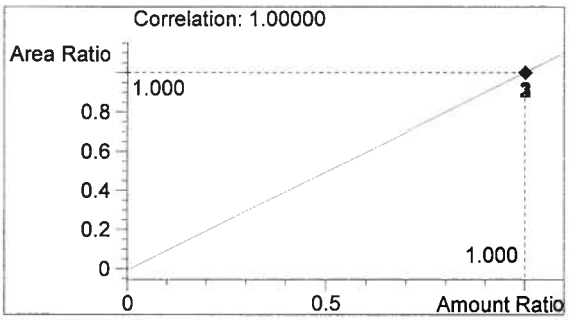


#	Compound	Area	RT
1	ETHANOL	874	1.069
2	n-PROPANOL	1986	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

NW
10/29/09

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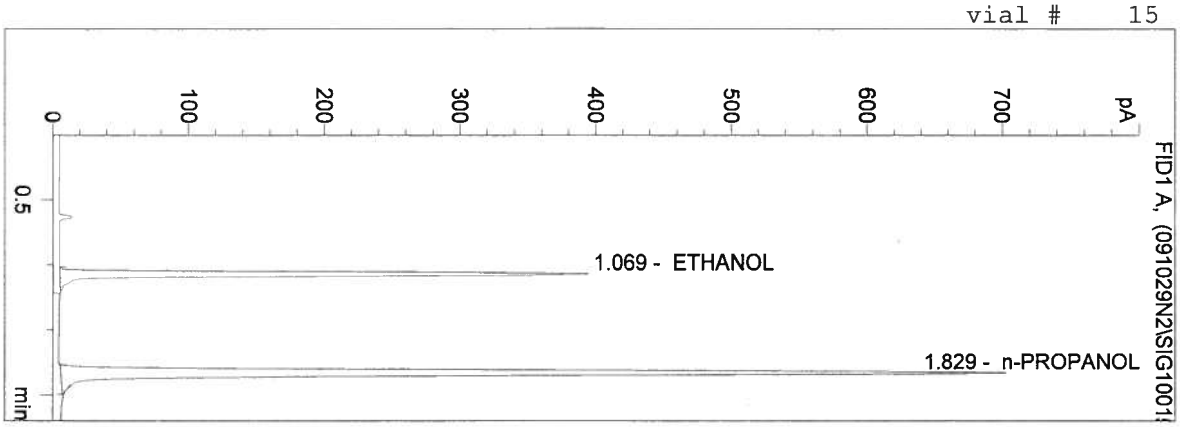
Instrument 3
db-alc2

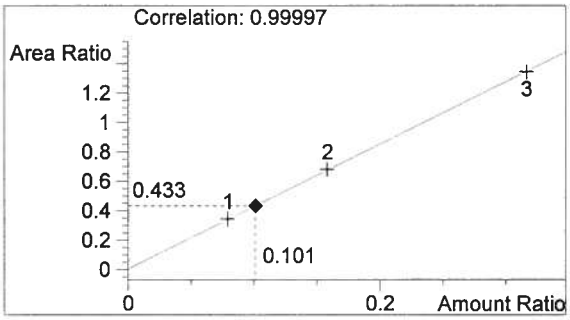
0.10 CTL-NN
Naziha Nuwayhid, PhD

vial # 15

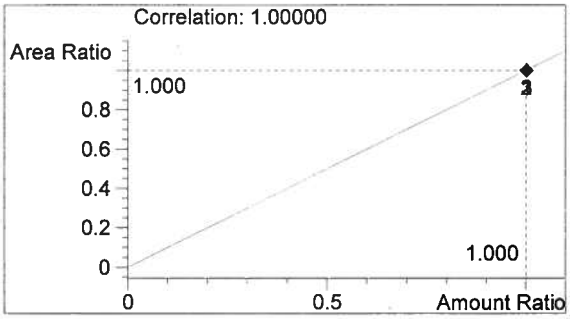


#	Compound	Area	RT
1	ETHANOL	866	1.069
2	n-PROPANOL	2001	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

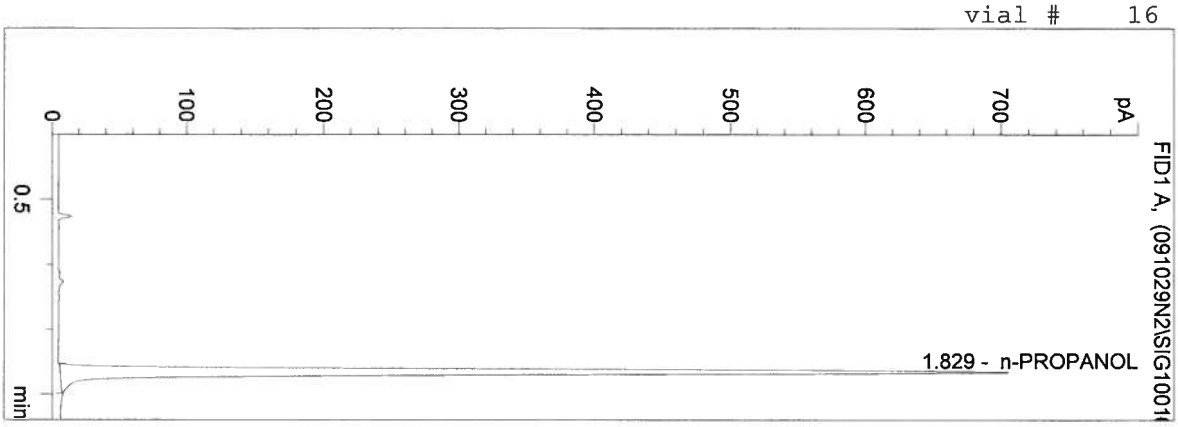
09050

NW
10/29/09

C:\HPCHEM\2\METHODS\SIMALC.M
10/29/2009 4:36:12 PM
Instrument 3
db-alc2

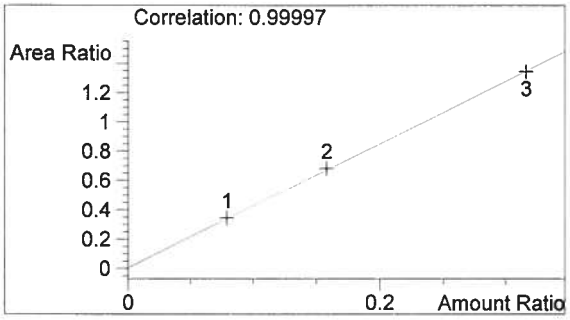
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 16

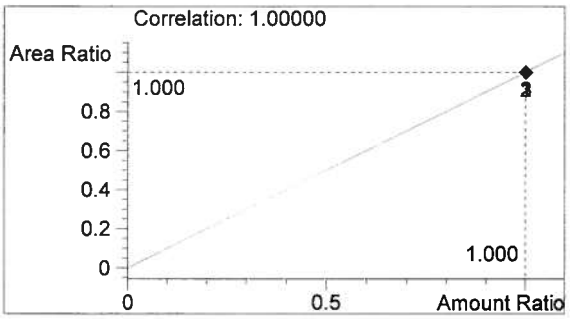


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2012	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09050

NN
10/29/09

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:	091029BO
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-BO	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BO	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		
10	Vial 10	09050 #1	SIMALC	1	Sample		
11	Vial 11	09050 #2	SIMALC	1	Sample		
12	Vial 12	09050 #3	SIMALC	1	Sample		
13	Vial 13	09050 #4	SIMALC	1	Sample		
14	Vial 14	09050 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		

09050

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

BEO

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BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

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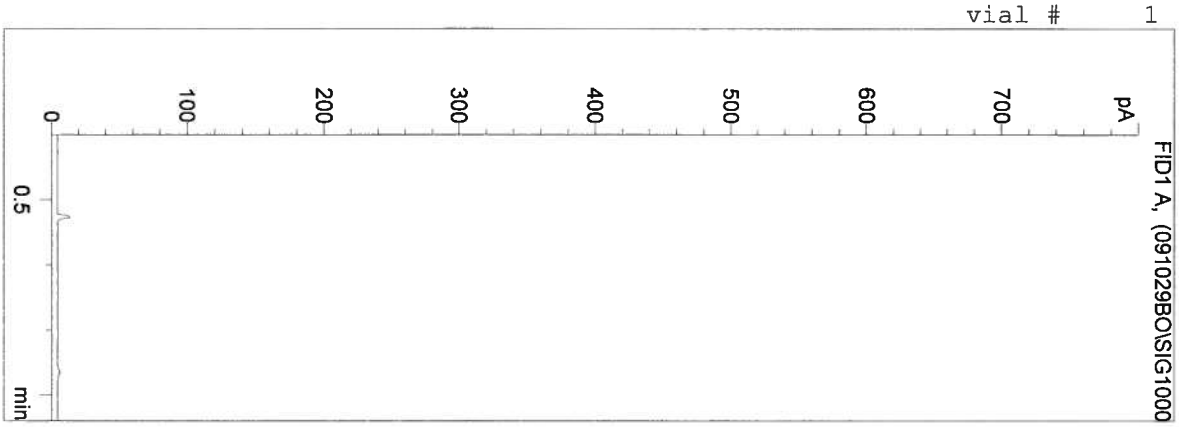
Instrument 3
db-alc2

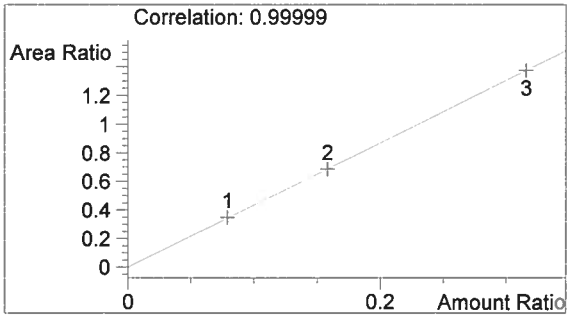
BLANK
Brianne E. O'Reilly

vial # 1

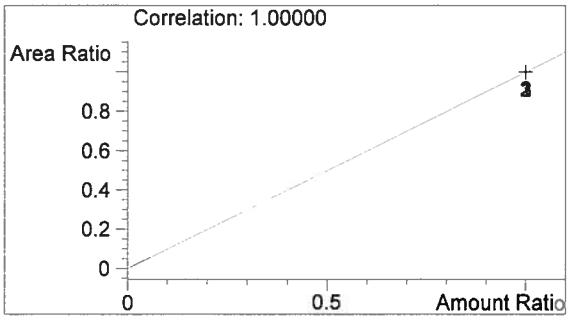


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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BEO

WASHINGTON STATE TOXICOLOGY LABORATORY

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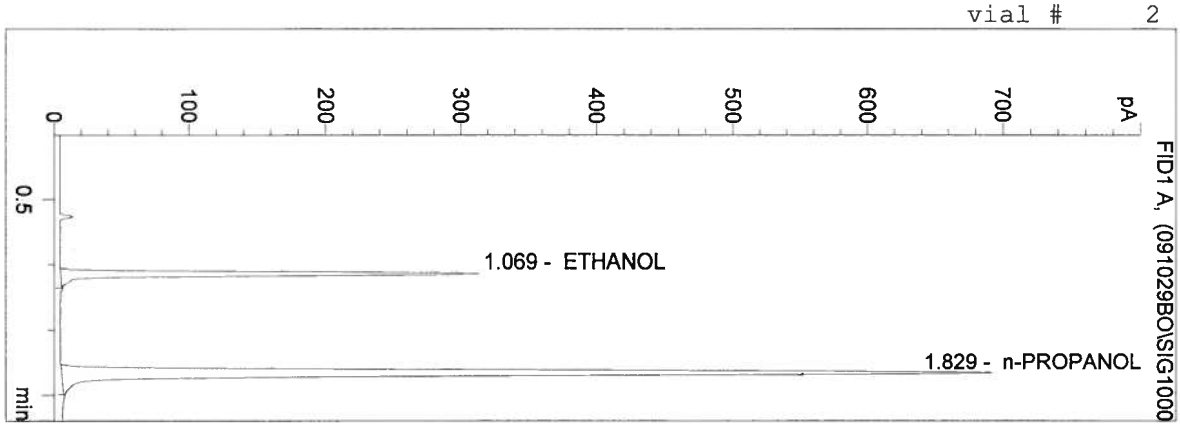
10/29/2009 2:43:37 PM
Instrument 3
db-alc2

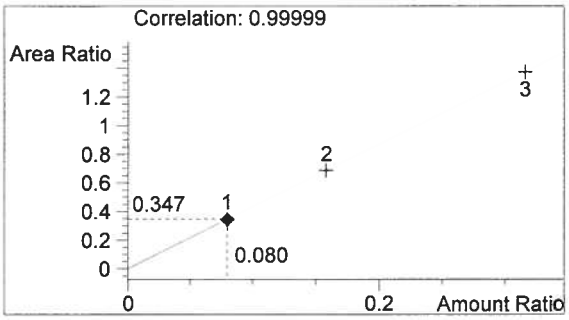
0.079 CAL 1
Brianne E. O'Reilly

vial # 2

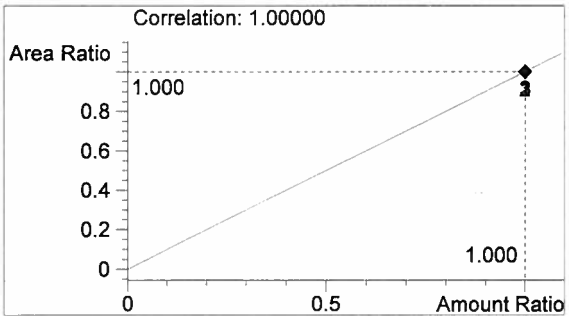


#	Compound	Area	RT
1	ETHANOL	682	1.069
2	n-PROPANOL	1966	1.829

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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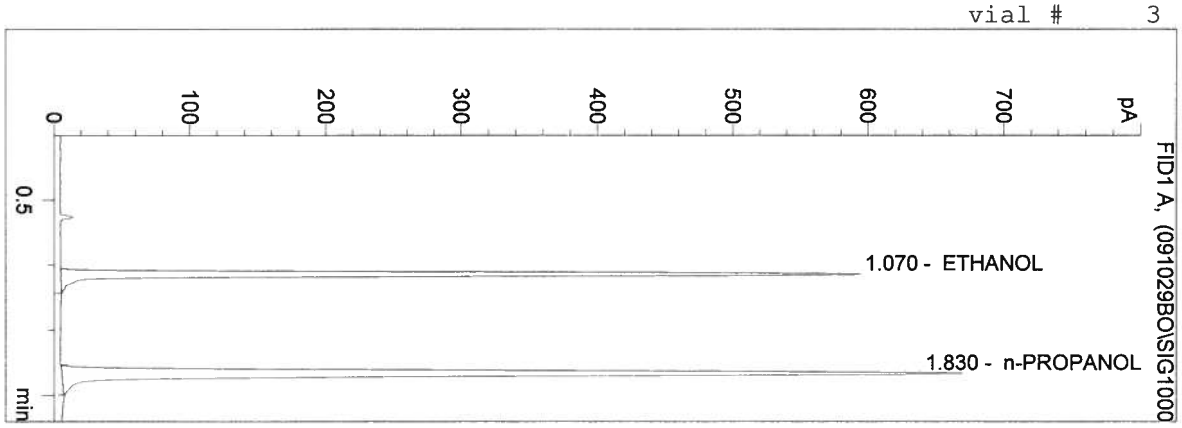
Instrument 3
db-alc2

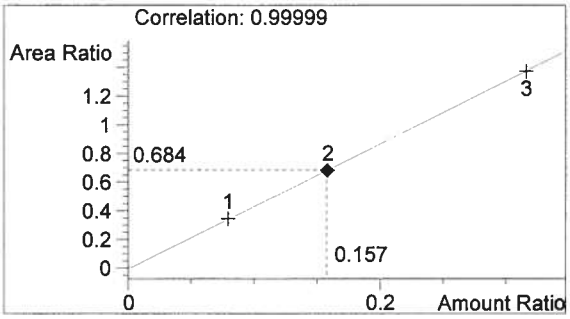
0.158 CAL 2
Brianne E. O'Reilly

vial # 3

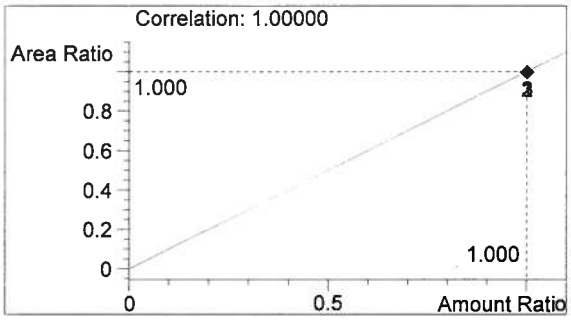


#	Compound	Area	RT
1	ETHANOL	1305	1.070
2	n-PROPANOL	1906	1.830

Totals:



ETHANOL 0.157 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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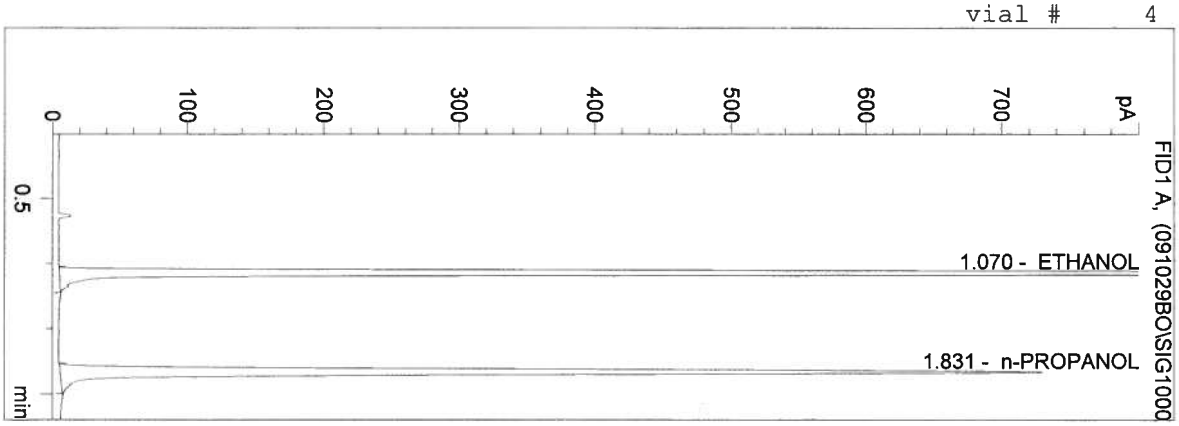
Instrument 3
db-alc2

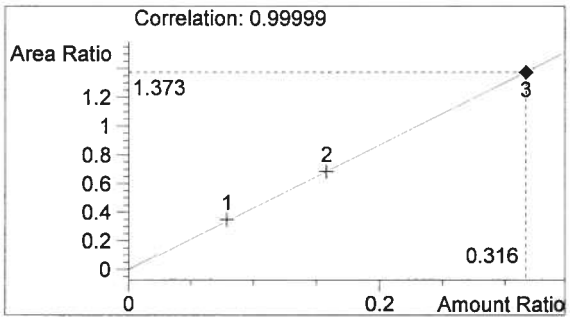
0.316 CAL 3
Brianne E. O'Reilly

vial # 4

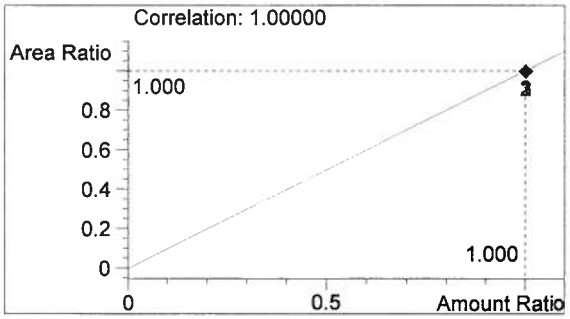


#	Compound	Area	RT
1	ETHANOL	2852	1.070
2	n-PROPANOL	2077	1.831

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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WASHINGTON STATE TOXICOLOGY LABORATORY

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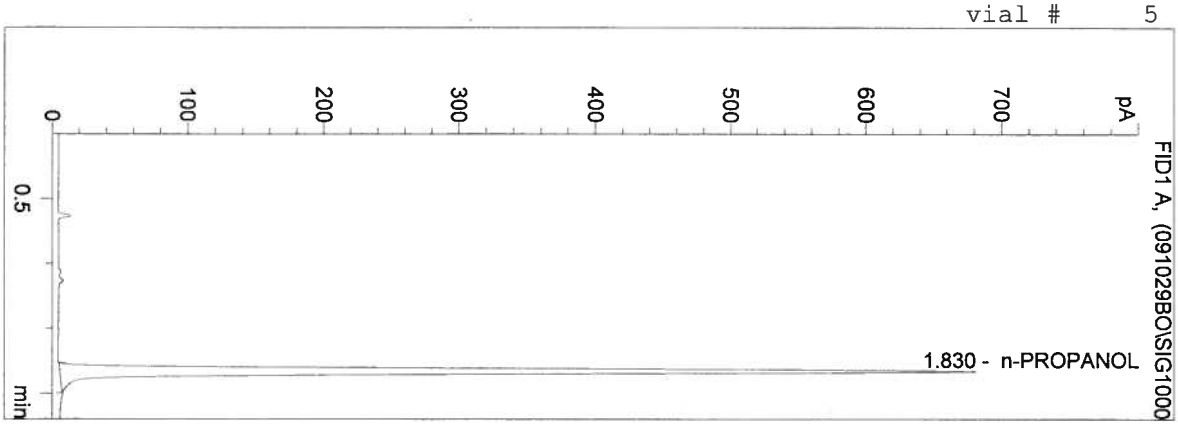
Instrument 3
db-alc2

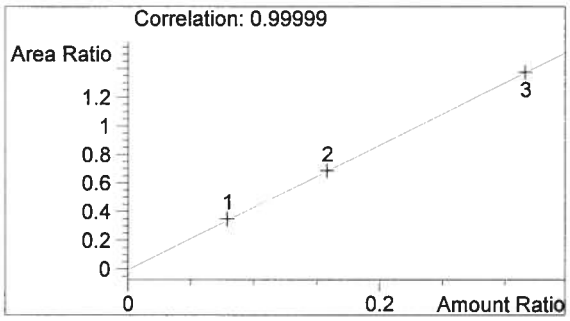
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 5

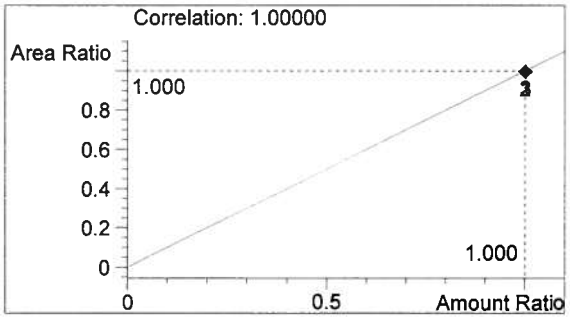


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1944	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09050

BO

WASHINGTON STATE TOXICOLOGY LABORATORY

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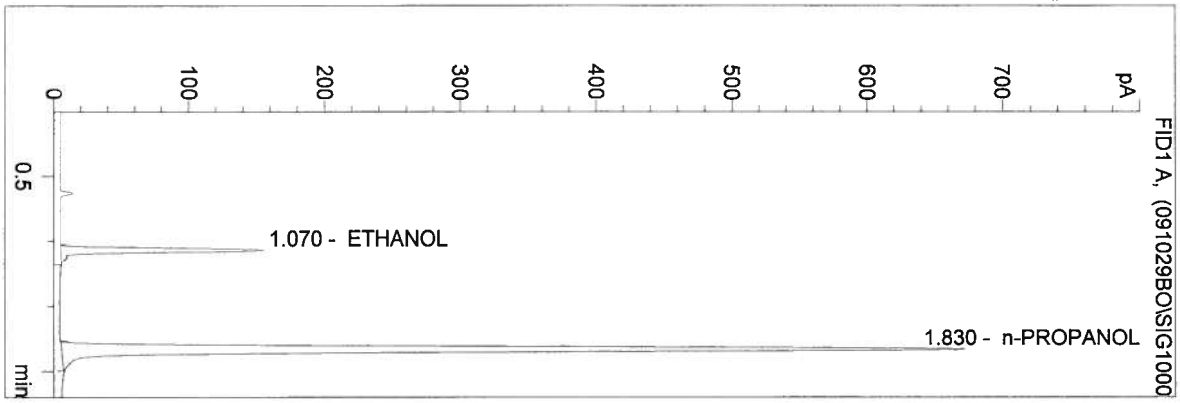
Instrument 3
db-alc2

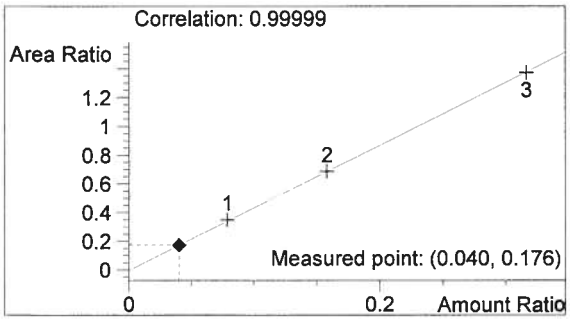
0.04 CONTROL-BO
Brianne E. O'Reilly

vial # 6

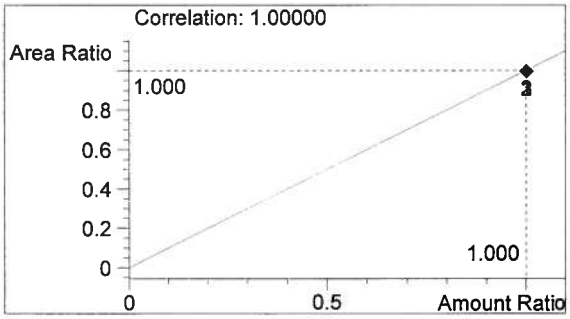


#	Compound	Area	RT
1	ETHANOL	336	1.070
2	n-PROPANOL	1909	1.830

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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WASHINGTON STATE TOXICOLOGY LABORATORY

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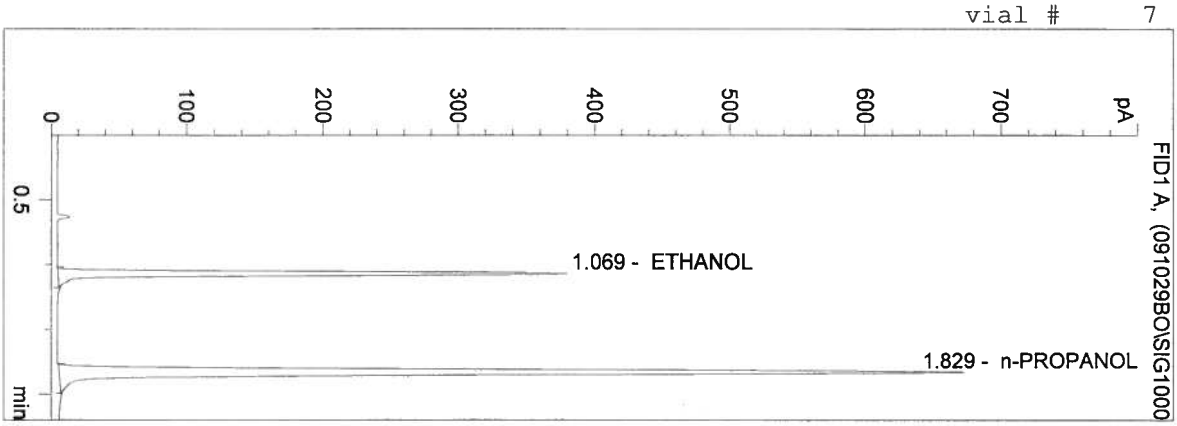
Instrument 3
db-alc2

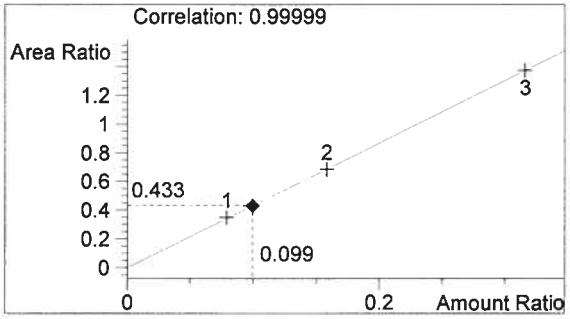
0.10 CONTROL-BO
Brianne E. O'Reilly

vial # 7

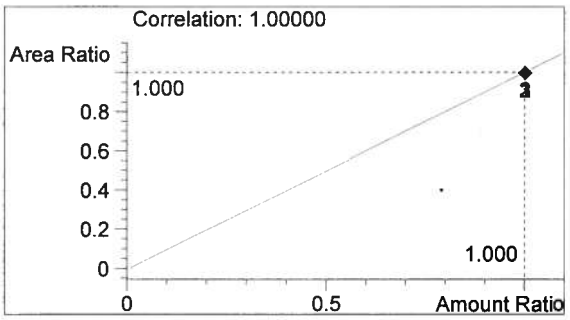


#	Compound	Area	RT
1	ETHANOL	829	1.069
2	n-PROPANOL	1916	1.829

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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WASHINGTON STATE TOXICOLOGY LABORATORY

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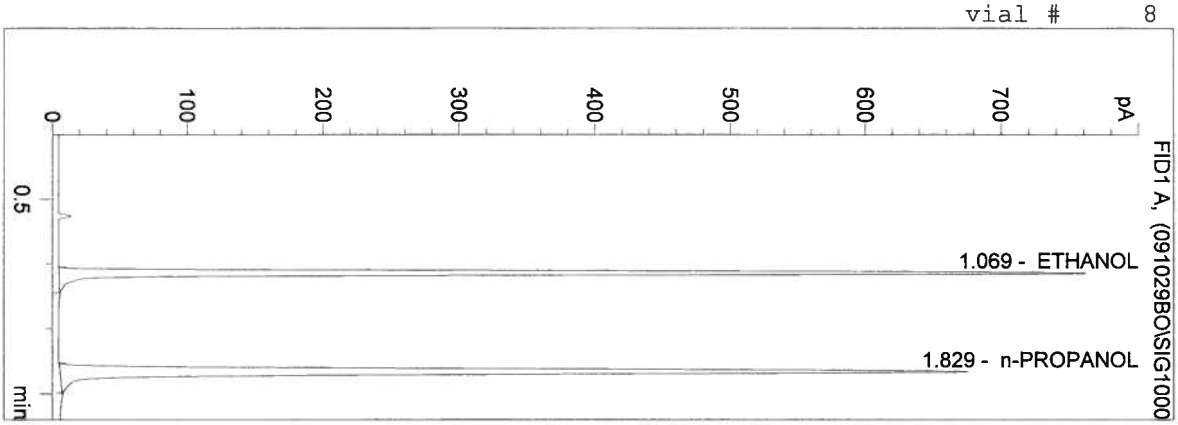
Instrument 3
db-alc2

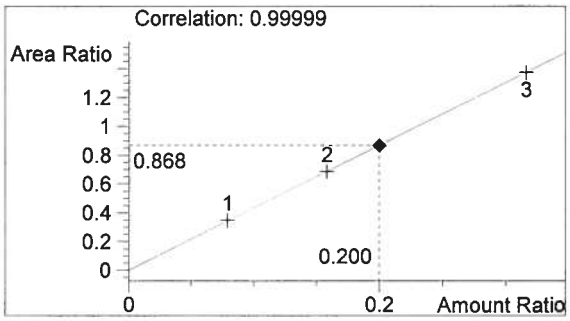
0.20 CONTROL-BO
Brianne E. O'Reilly

vial # 8

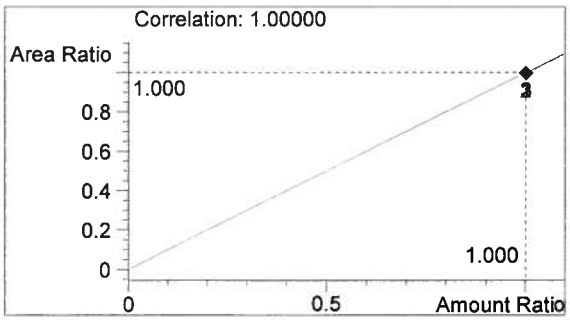


#	Compound	Area	RT
1	ETHANOL	1668	1.069
2	n-PROPANOL	1922	1.829

Totals:



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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WASHINGTON STATE TOXICOLOGY LABORATORY

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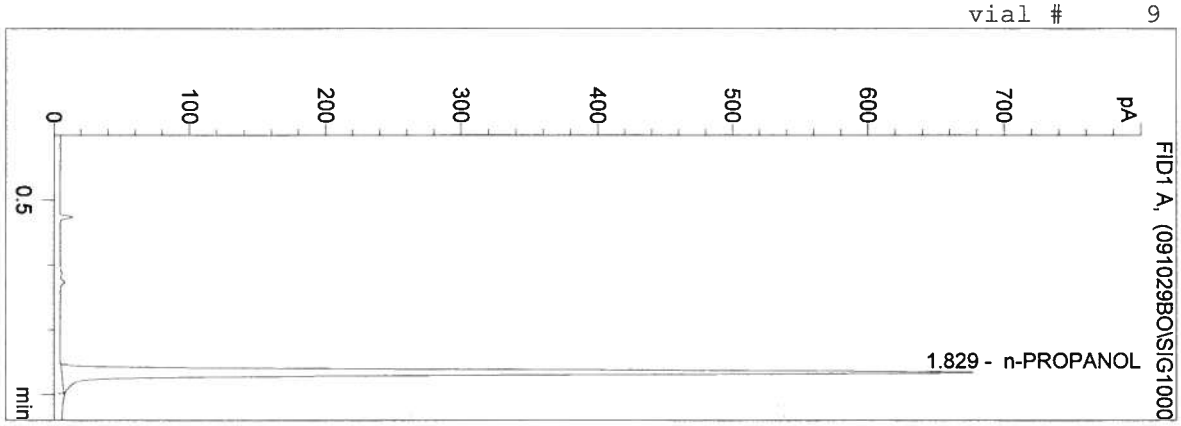
10/29/2009 3:05:31 PM
Instrument 3
db-alc2

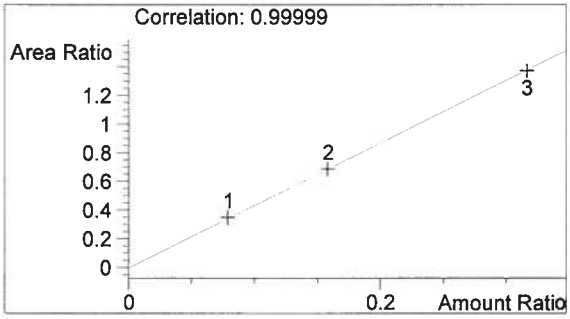
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 9

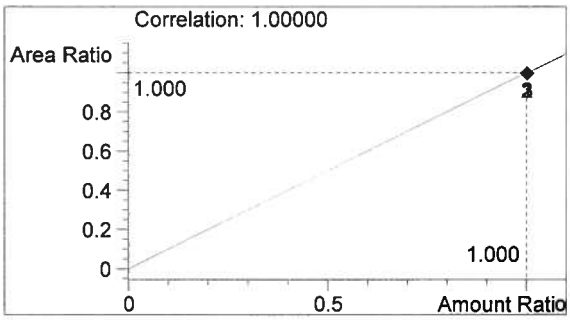


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1928	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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WASHINGTON STATE TOXICOLOGY LABORATORY

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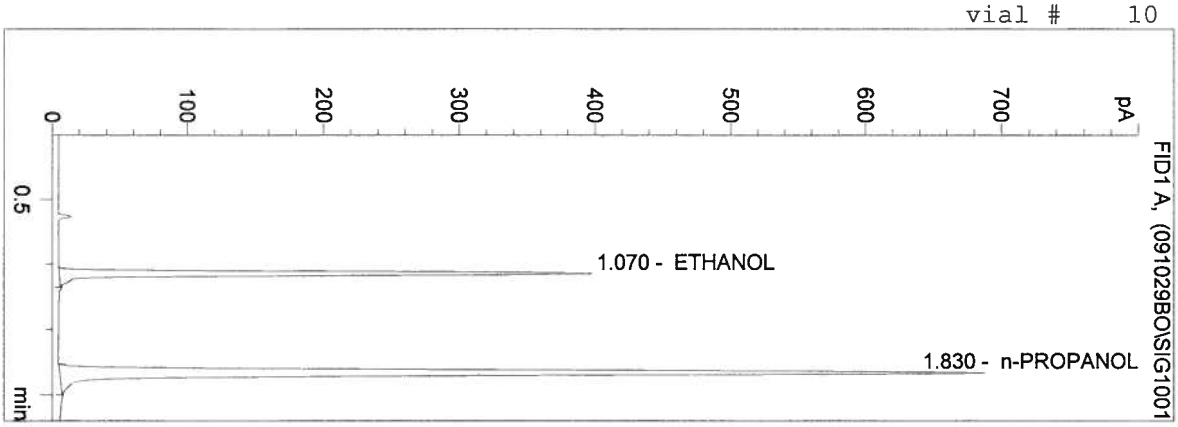
Instrument 3
db-alc2

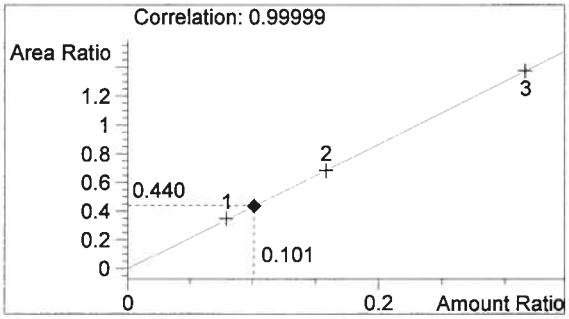
09050 #1
Brianne E. O'Reilly

vial # 10

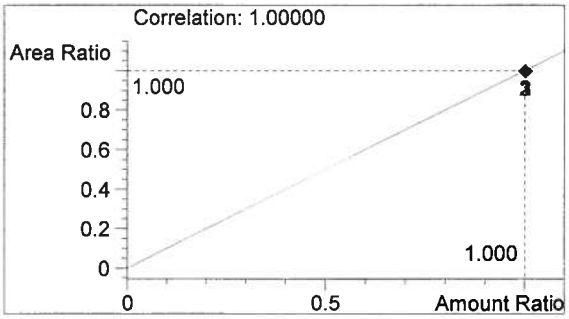


#	Compound	Area	RT
1	ETHANOL	860	1.070
2	n-PROPANOL	1956	1.830

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

BEO

WASHINGTON STATE TOXICOLOGY LABORATORY

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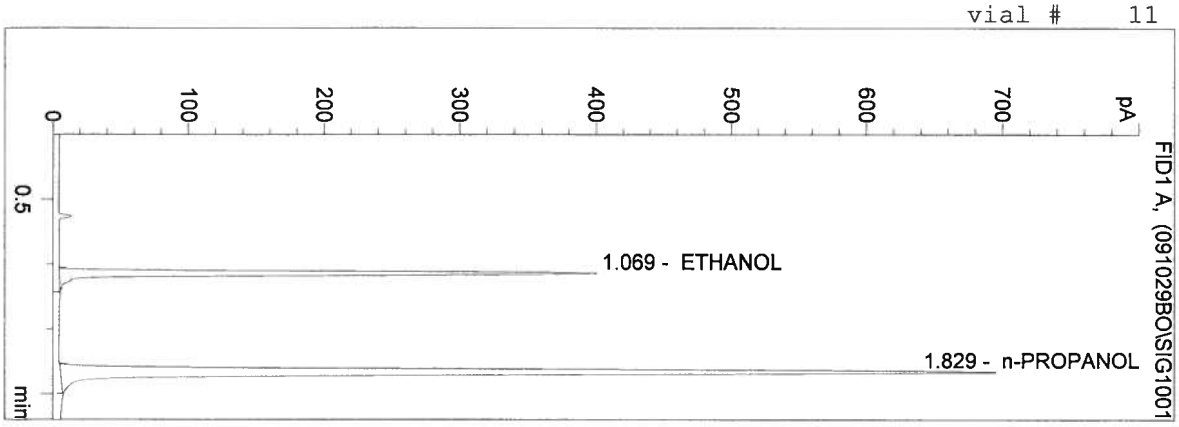
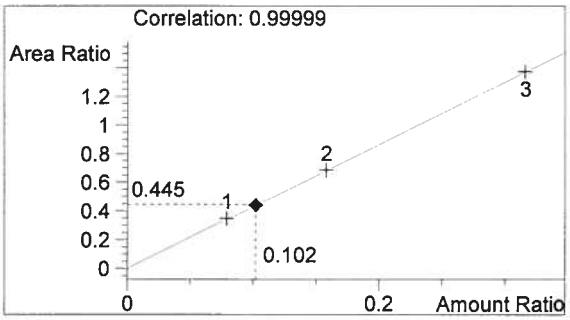
Instrument 3
db-alc2

09050 #2
Brianne E. O'Reilly

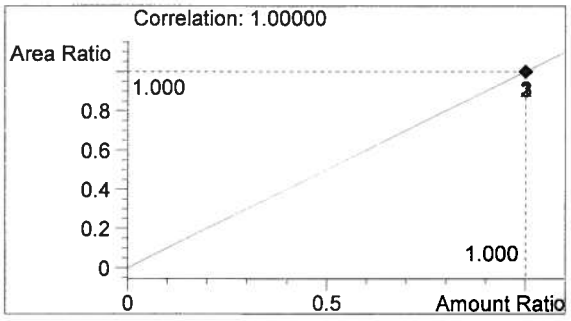
vial # 11



#	Compound	Area	RT
1	ETHANOL	880	1.069
2	n-PROPANOL	1980	1.829
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

BWO

WASHINGTON STATE TOXICOLOGY LABORATORY

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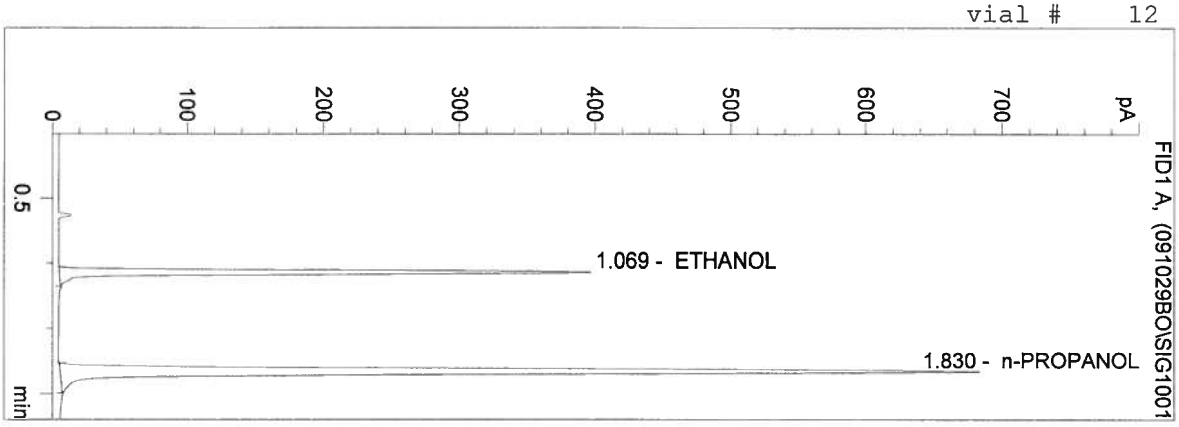
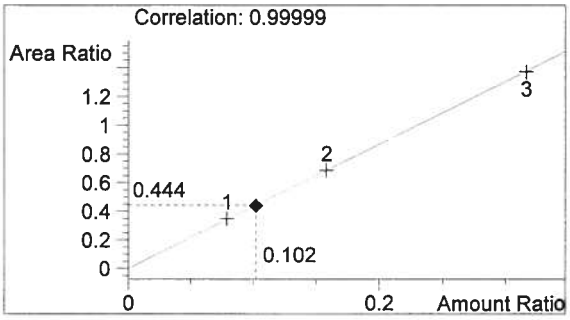
10/29/2009 3:14:54 PM
Instrument 3
db-alc2

09050 #3
Brianne E. O'Reilly

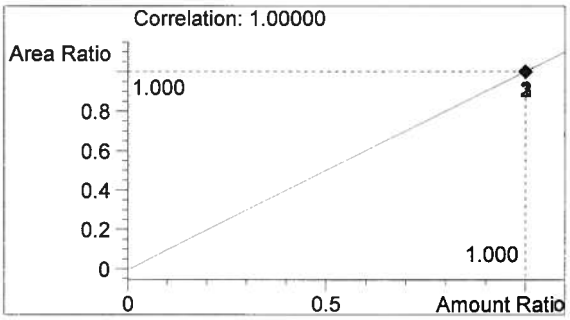
vial # 12



#	Compound	Area	RT
1	ETHANOL	864	1.069
2	n-PROPANOL	1946	1.830
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

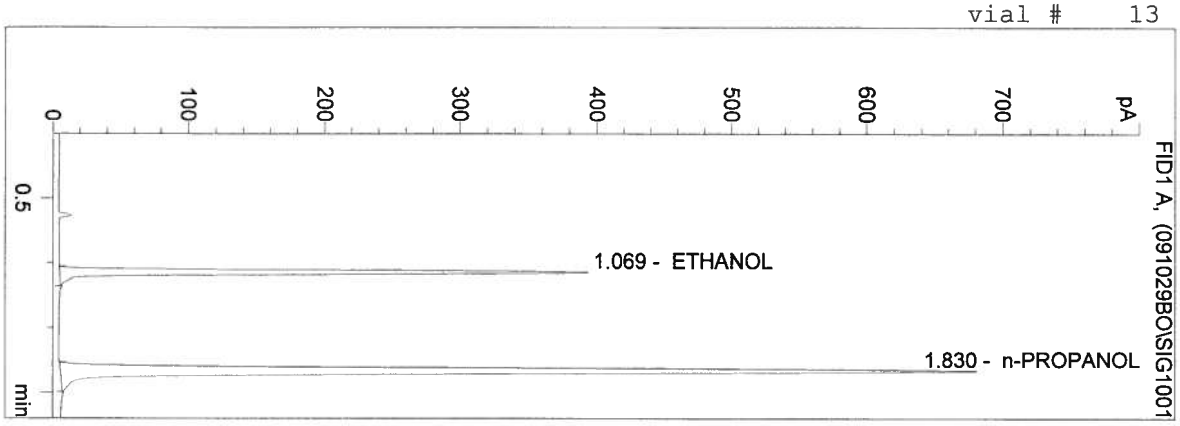
BLO

WASHINGTON STATE TOXICOLOGY LABORATORY

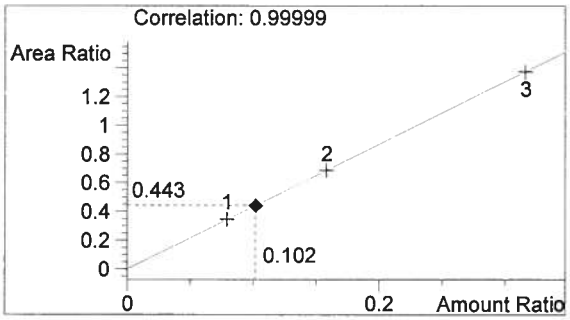
C:\HPCHEM\2\METHODS\SIMALC.M
10/29/2009 3:18:02 PM
Instrument 3
db-alc2

09050 #4
Brianne E. O'Reilly

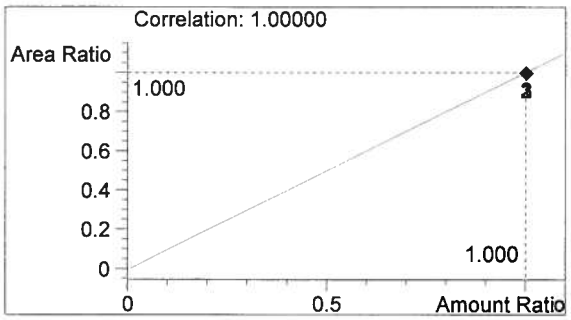
vial # 13



#	Compound	Area	RT
1	ETHANOL	858	1.069
2	n-PROPANOL	1939	1.830
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

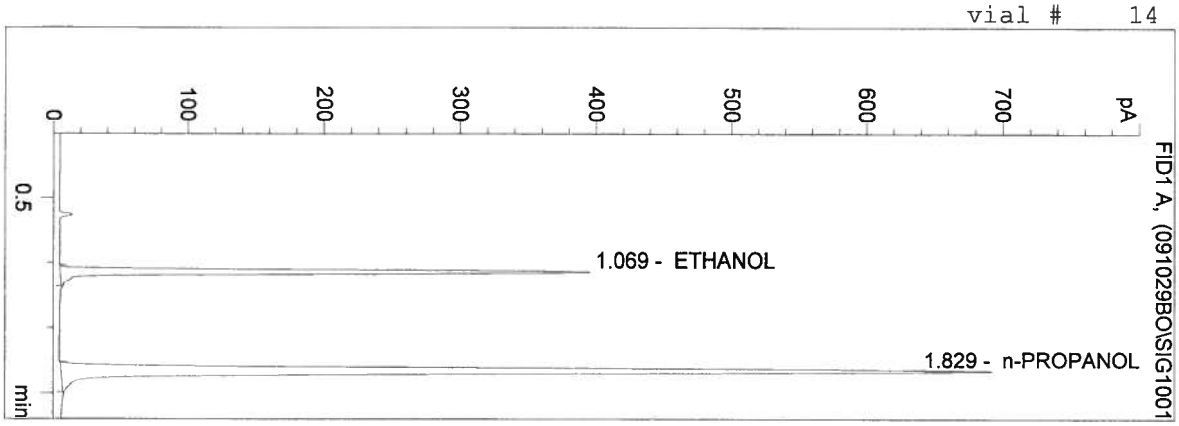
BEO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/29/2009 3:21:10 PM
Instrument 3
db-alc2

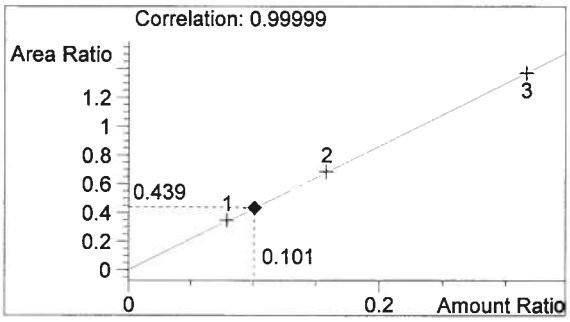
09050 #5
Brianne E. O'Reilly

vial # 14

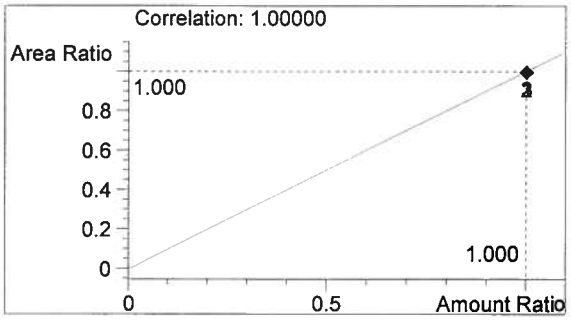


#	Compound	Area	RT
1	ETHANOL	865	1.069
2	n-PROPANOL	1970	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

BEO

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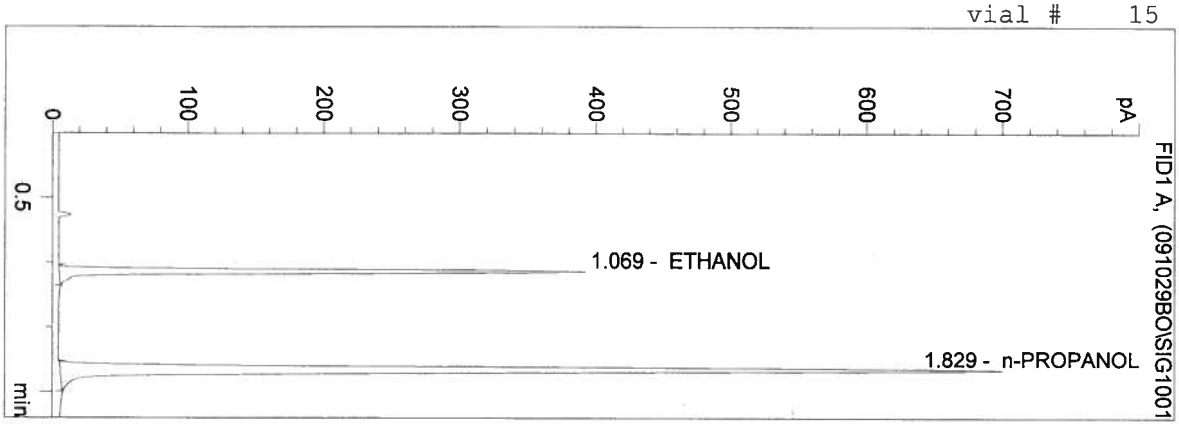
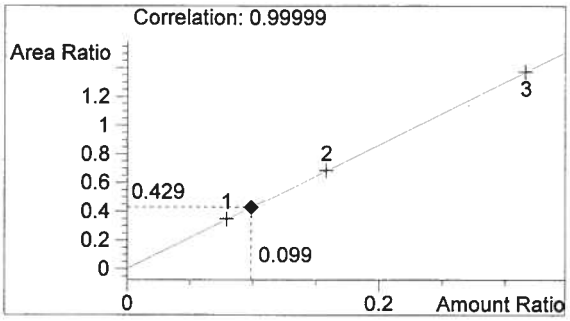
10/29/2009 3:24:18 PM
Instrument 3
db-alc2

0.10 CONTROL-BO
Brianne E. O'Reilly

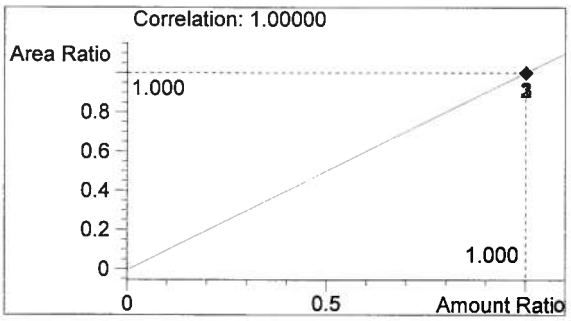
vial # 15



#	Compound	Area	RT
1	ETHANOL	859	1.069
2	n-PROPANOL	2001	1.829
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

09050

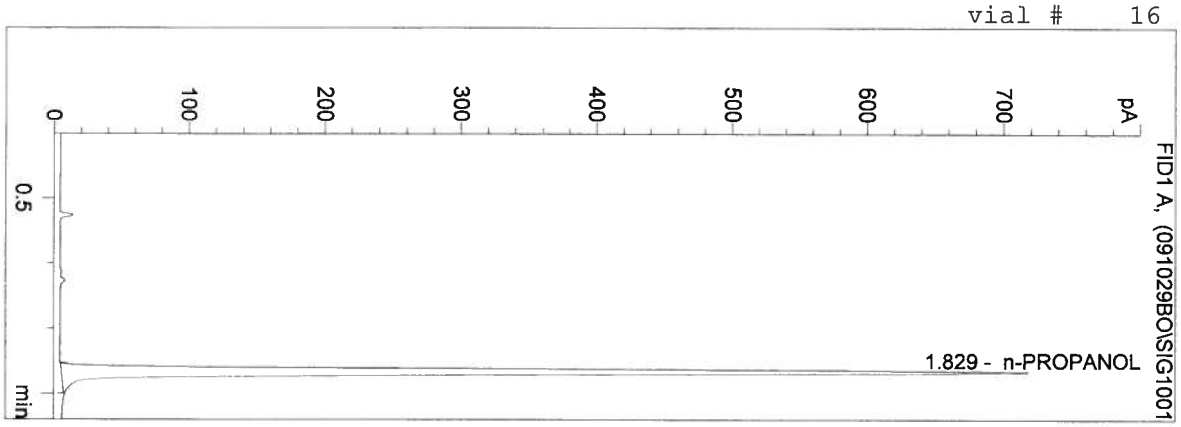
BW

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/29/2009 3:27:30 PM
Instrument 3
db-alc2

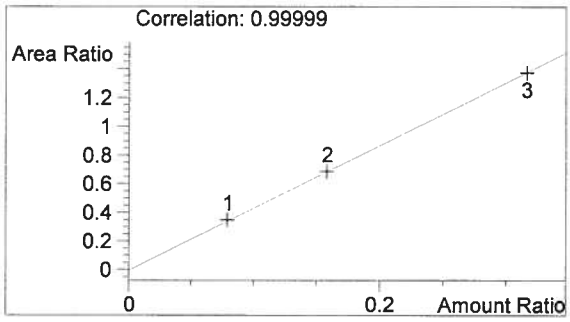
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 16

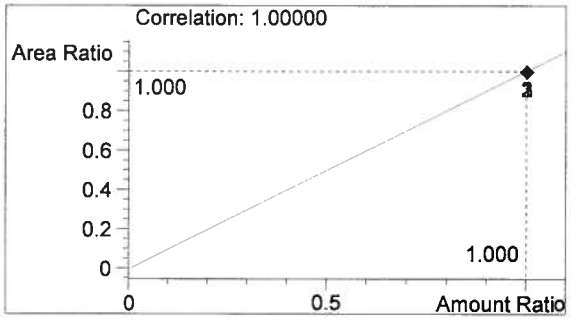


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2046	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09050

BLO

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:	091030JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A067397 - Exp. 09/2013
0.10 Control - Lot #A064767 - Exp. 04/2013
0.20 Control - Lot #A064522 - Exp. 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL	SIMALC	1	Calib		
3	Vial 3	0.158 CAL	SIMALC	1	Calib		
4	Vial 4	0.316 CAL	SIMALC	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC	1	Ctrl Samp		
10	Vial 10	09050-1	SIMALC	1	Sample		
11	Vial 11	09050-2	SIMALC	1	Sample		
12	Vial 12	09050-3	SIMALC	1	Sample		
13	Vial 13	09050-4	SIMALC	1	Sample		
14	Vial 14	09050-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC	1	Ctrl Samp		

Calibration Part:

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

09050

Sequence Table (Back Injector):

No entries - empty table!

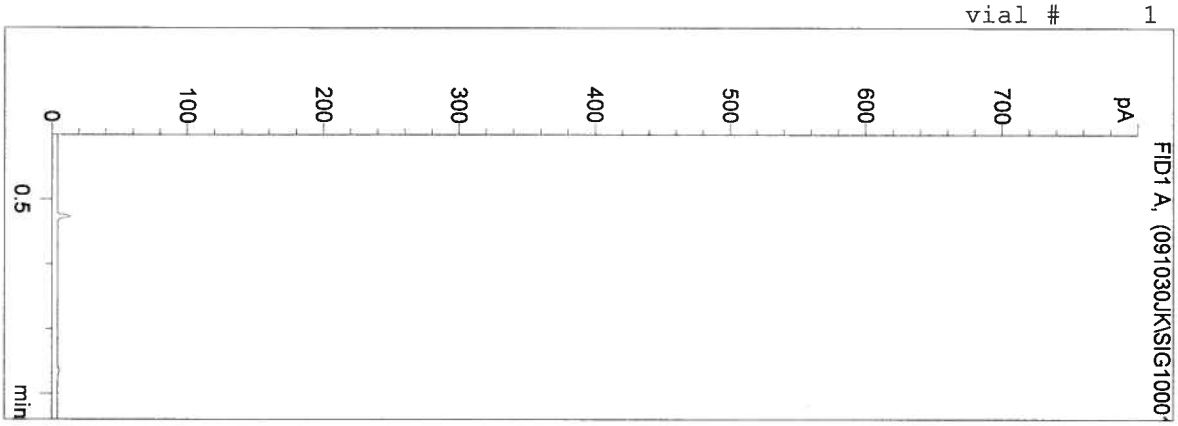
09050

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/30/2009 10:34:50 AM
Instrument 3
db-alc2

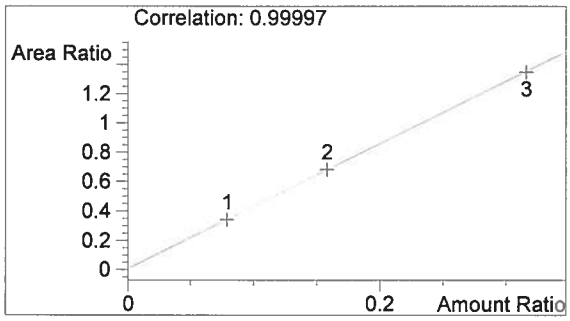
BLANK
Justin Knoy

vial # 1

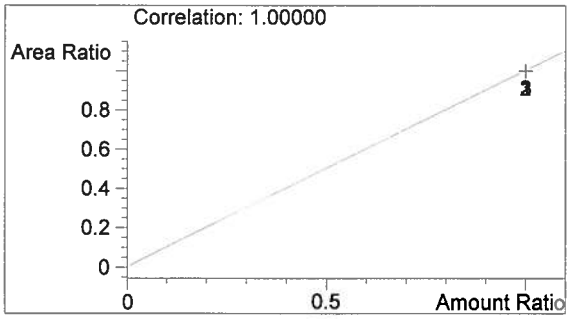


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml

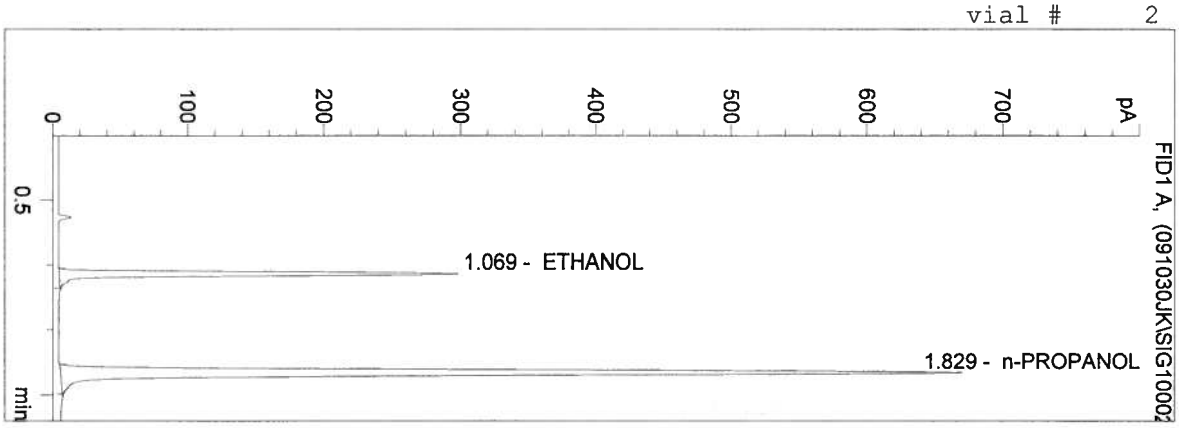


n-PROPANOL 0.000 g/100ml

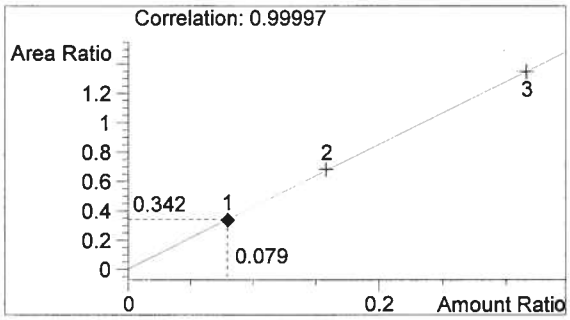
09050

WASHINGTON STATE TOXICOLOGY LABORATORY

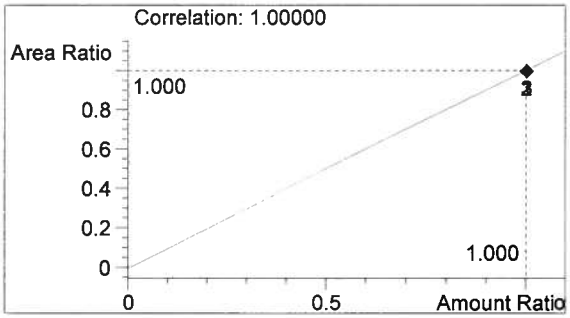
C:\HPCHEM\2\METHODS\SIMALC.M
10/30/2009 10:37:58 AM 0.079 CAL
Instrument 3 Justin Knoy
db-alc2
vial # 2



#	Compound	Area	RT
1	ETHANOL	656	1.069
2	n-PROPANOL	1919	1.829
Totals:			



ETHANOL 0.079 g/100ml



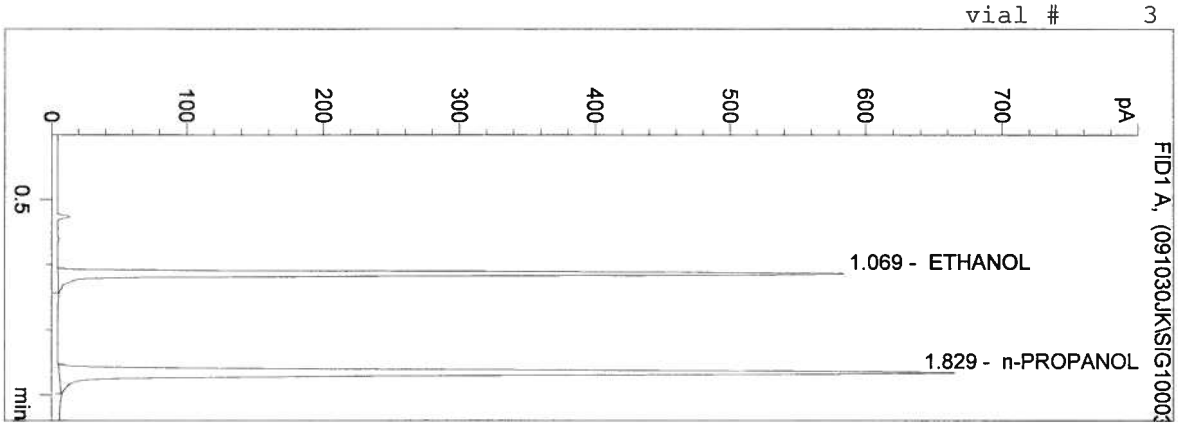
n-PROPANOL 1.000 g/100ml

09050

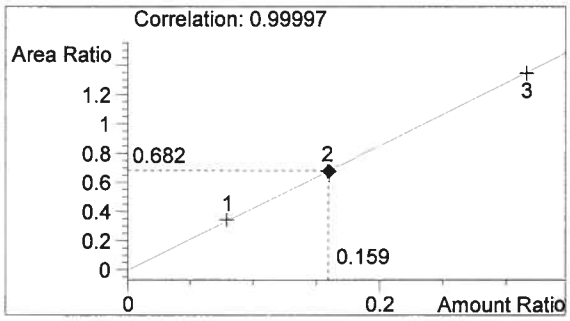
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/30/2009 10:41:06 AM 0.158 CAL
Instrument 3 Justin Knoy
db-alc2

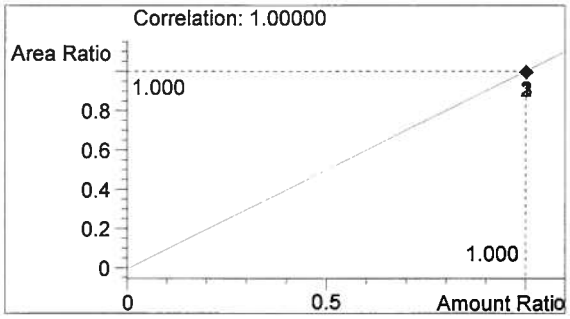
vial # 3



#	Compound	Area	RT
1	ETHANOL	1299	1.069
2	n-PROPANOL	1904	1.829
Totals:			



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

09050

WASHINGTON STATE TOXICOLOGY LABORATORY

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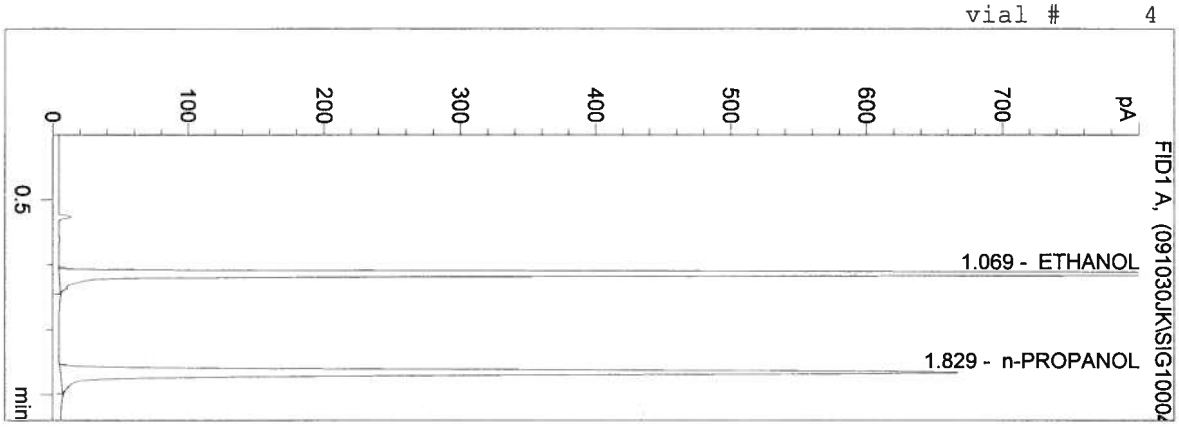
10/30/2009 10:44:13 AM
Instrument 3
db-alc2

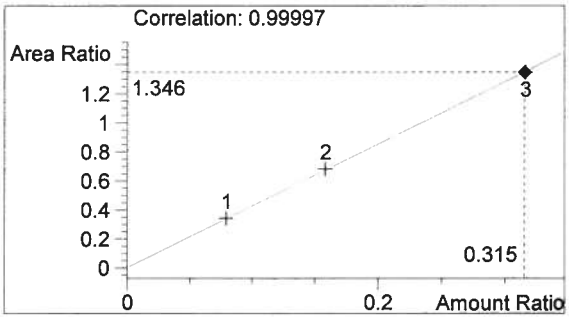
0.316 CAL
Justin Knoy

vial # 4

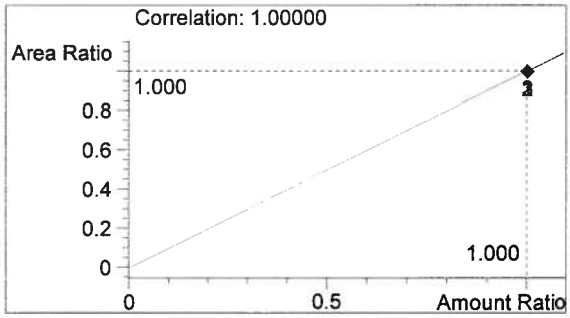


#	Compound	Area	RT
1	ETHANOL	2568	1.069
2	n-PROPANOL	1908	1.829

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

09050

WASHINGTON STATE TOXICOLOGY LABORATORY

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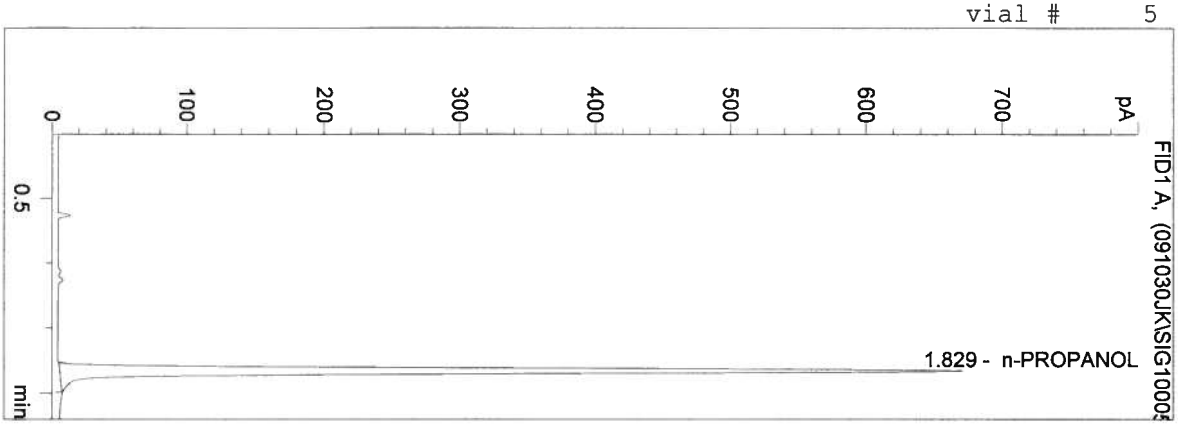
10/30/2009 10:47:21 AM
Instrument 3
db-alc2

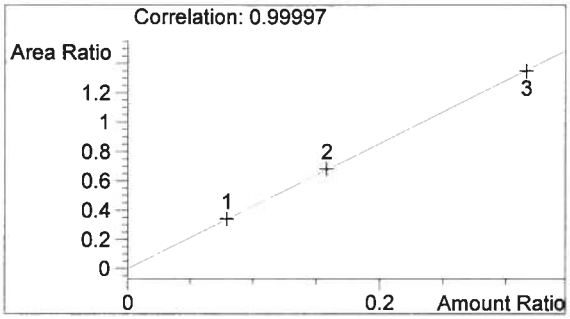
NEG CTRL JK
Justin Knoy

vial # 5

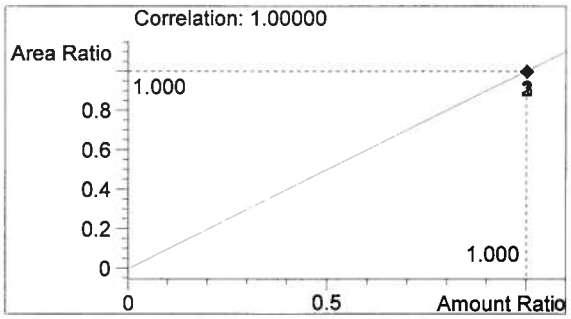


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1919	1.829

Totals:



ETHANOL 0.000 g/100ml



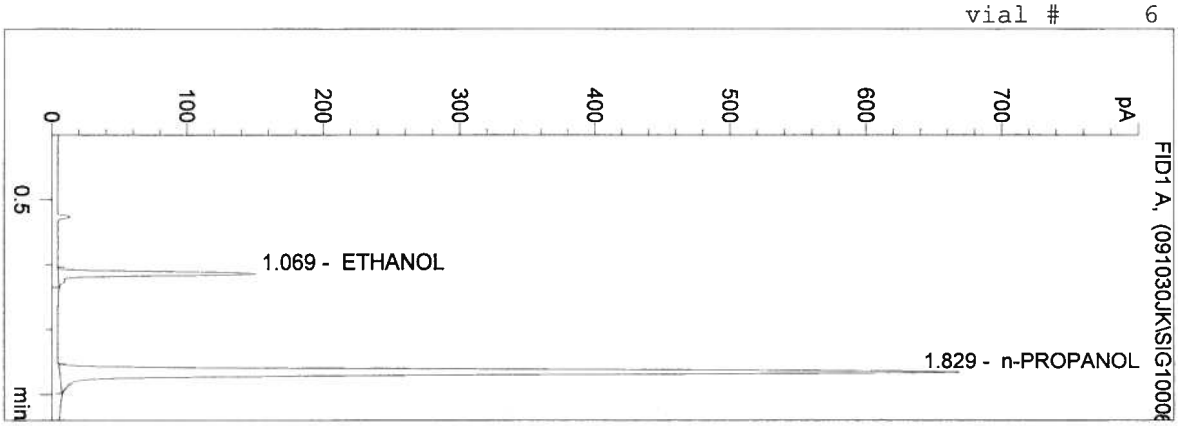
n-PROPANOL 1.000 g/100ml

09050

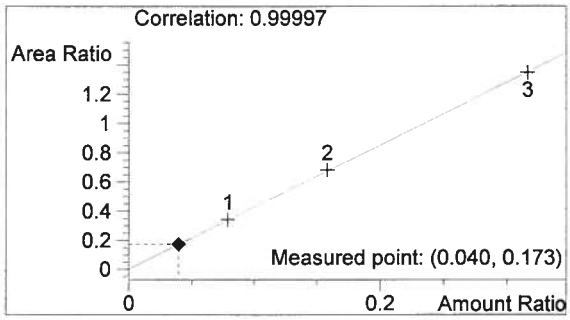
C:\HPCHEM\2\METHODS\SIMALC.M
10/30/2009 10:50:29 AM
Instrument 3
db-alc2

0.04 CTRL JK
Justin Knoy

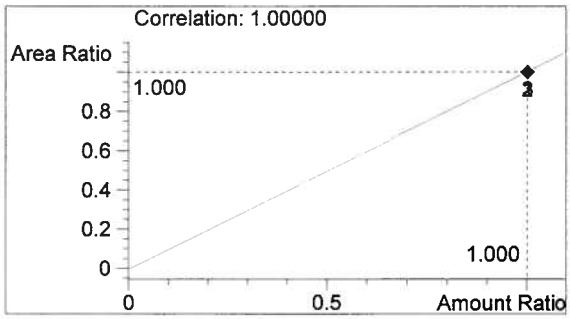
vial # 6



#	Compound	Area	RT
1	ETHANOL	330	1.069
2	n-PROPANOL	1908	1.829
Totals:			



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

09050

WASHINGTON STATE TOXICOLOGY LABORATORY

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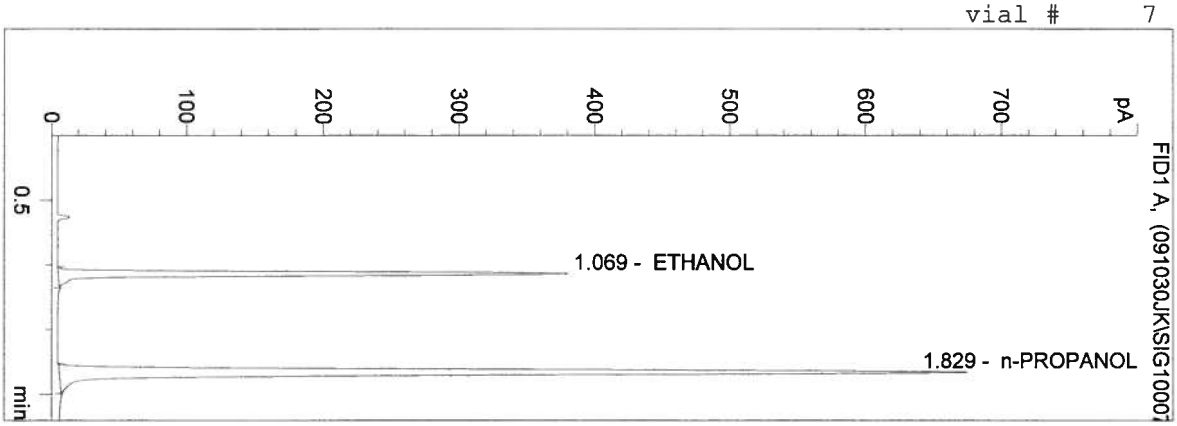
10/30/2009 10:53:37 AM
Instrument 3
db-alc2

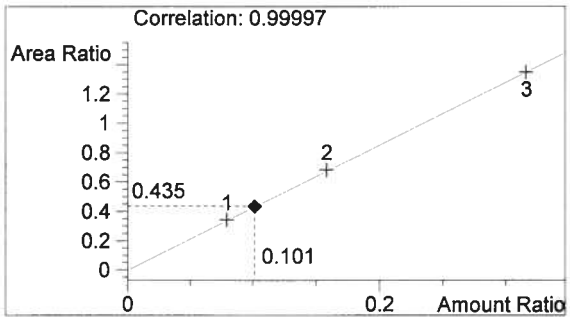
0.10 CTRL JK
Justin Knoy

vial # 7

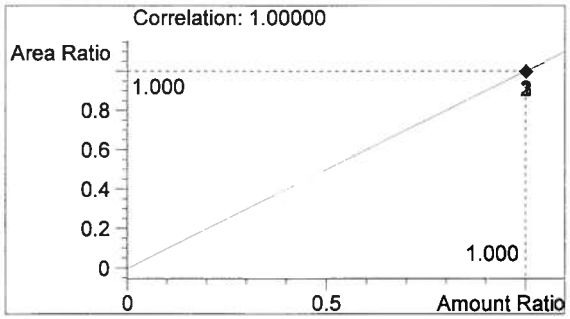


#	Compound	Area	RT
1	ETHANOL	837	1.069
2	n-PROPANOL	1925	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

09050

WASHINGTON STATE TOXICOLOGY LABORATORY

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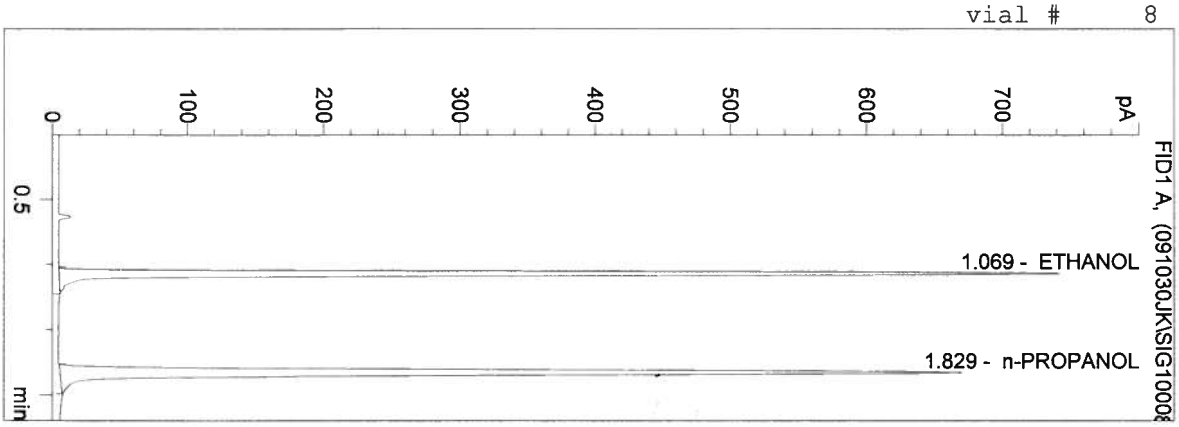
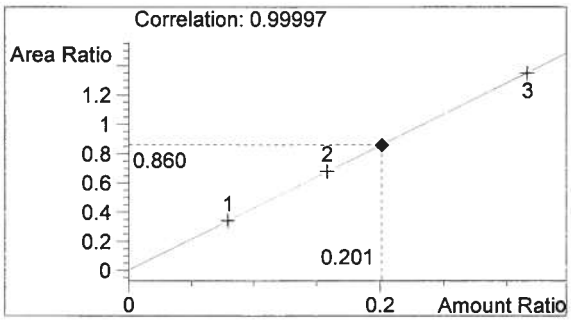
10/30/2009 10:56:45 AM
Instrument 3
db-alc2

0.20 CTRL JK
Justin Knoy

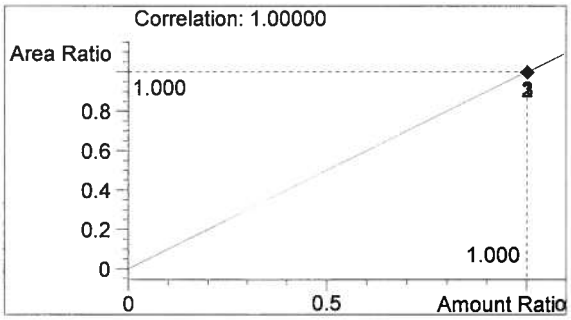
vial # 8



#	Compound	Area	RT
1	ETHANOL	1652	1.069
2	n-PROPANOL	1920	1.829
Totals:			



ETHANOL 0.201 g/100ml



n-PROPANOL 1.000 g/100ml

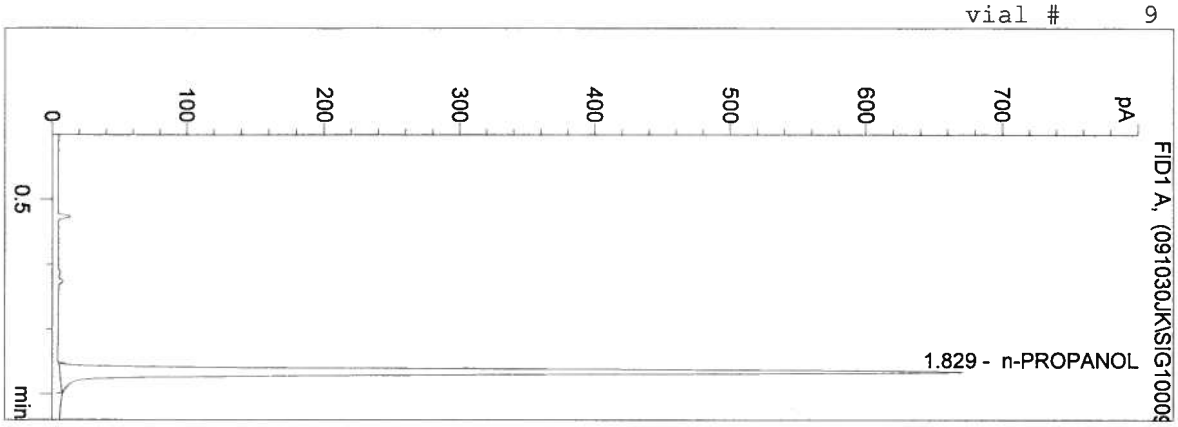
09050

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/30/2009 10:59:53 AM
Instrument 3
db-alc2

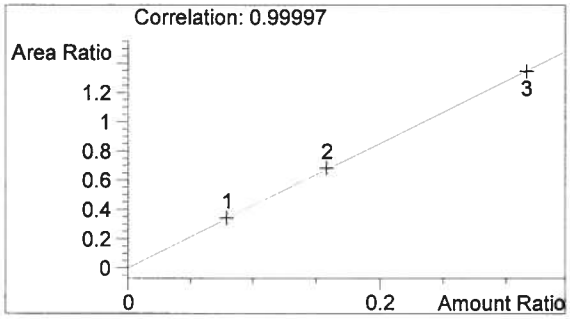
NEG CTRL JK
Justin Knoy

vial # 9

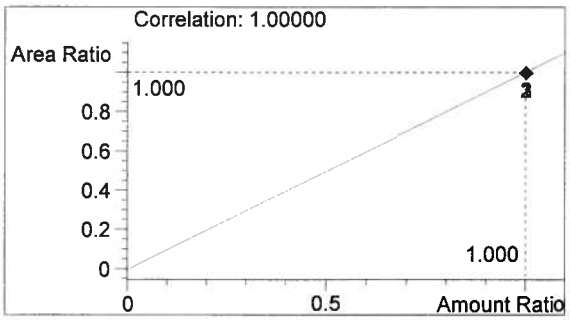


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1917	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

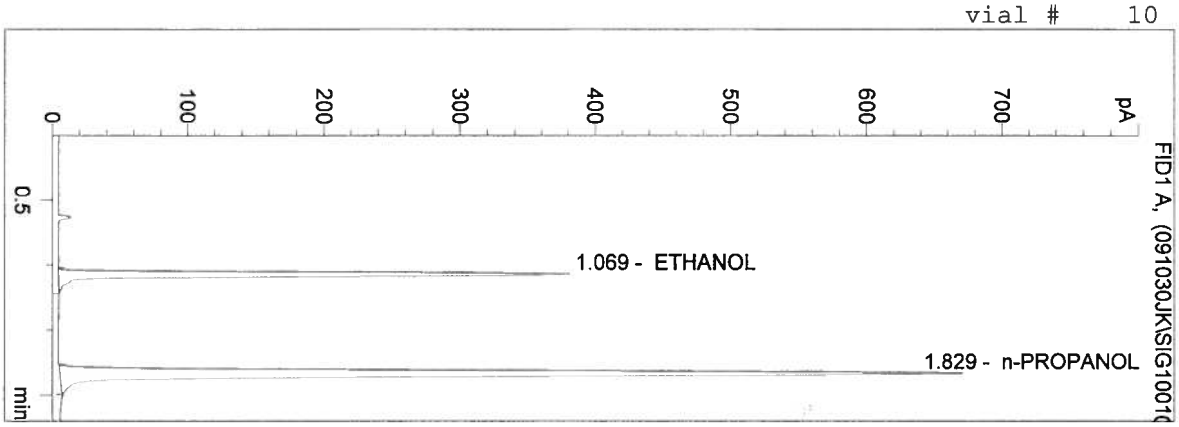
09050

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/30/2009 11:03:01 AM
Instrument 3
db-alc2

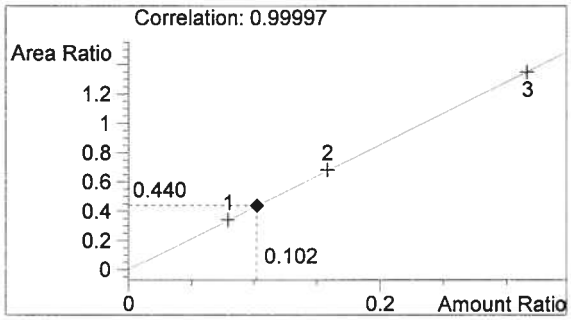
09050-1
Justin Knoy

vial # 10

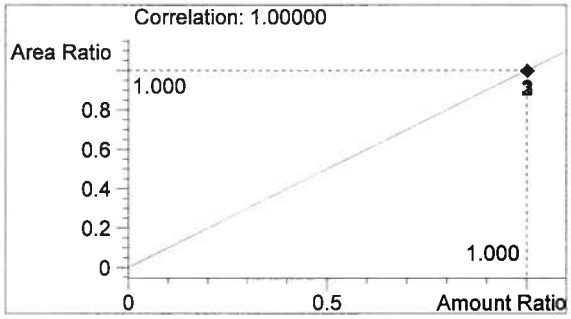


#	Compound	Area	RT
1	ETHANOL	845	1.069
2	n-PROPANOL	1921	1.829

Totals:



ETHANOL 0.102 g/100ml

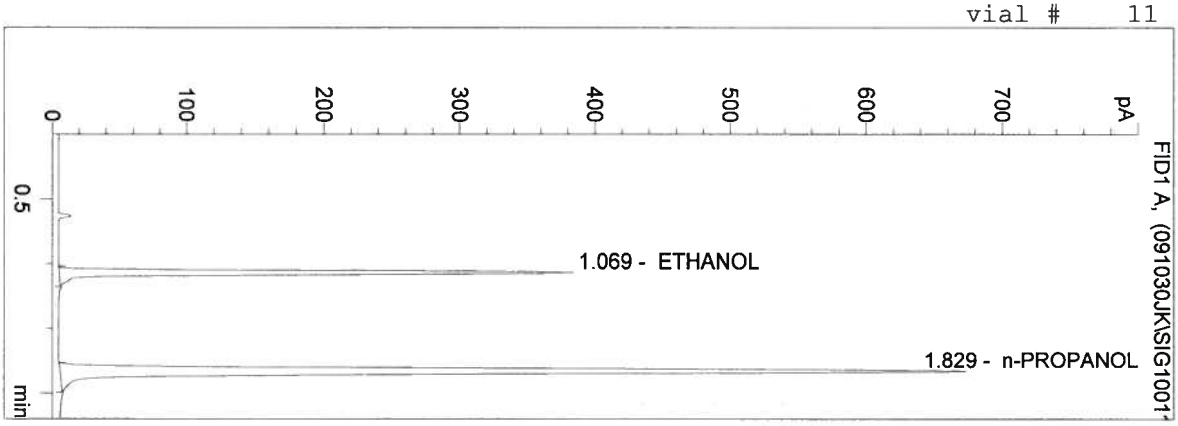


n-PROPANOL 1.000 g/100ml

C:\HPCHEM\2\METHODS\SIMALC.M
10/30/2009 11:06:08 AM
Instrument 3
db-alc2

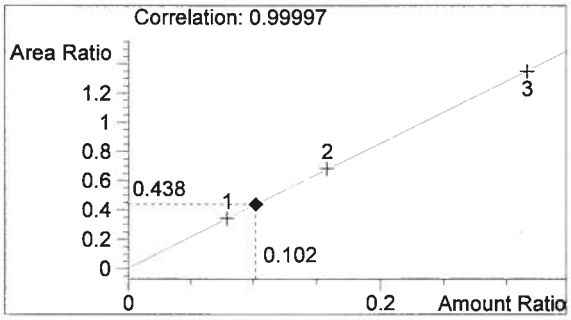
09050-2
Justin Knoy

vial # 11

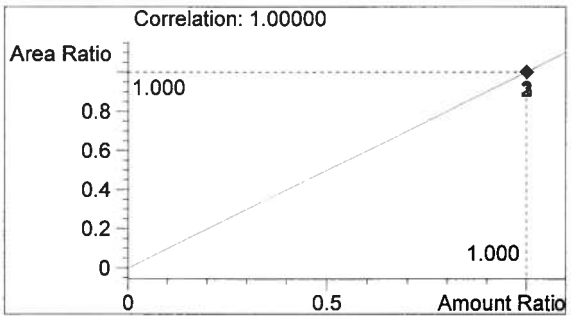


#	Compound	Area	RT
1	ETHANOL	845	1.069
2	n-PROPANOL	1928	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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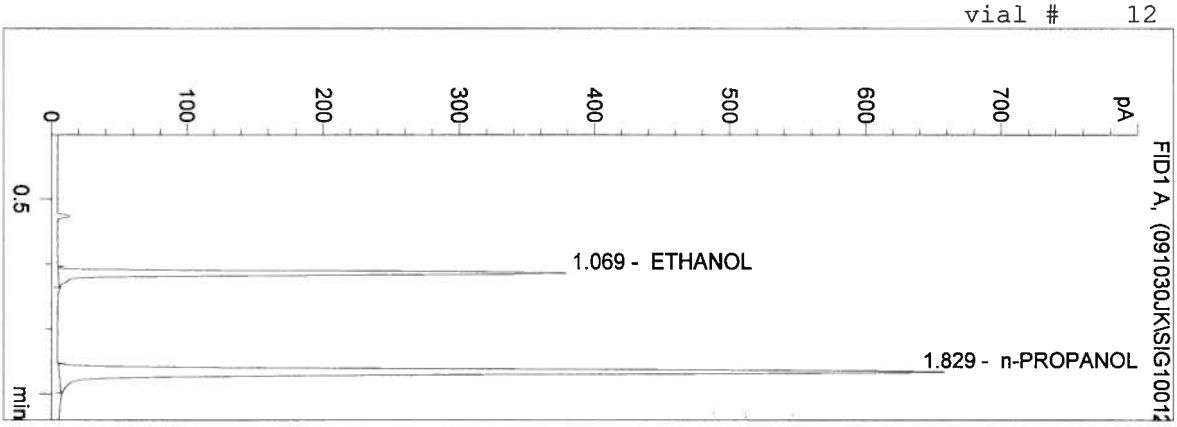
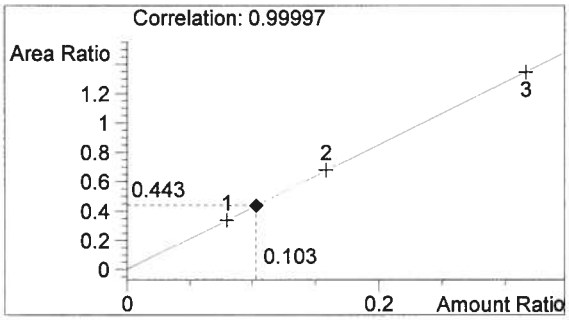
10/30/2009 11:09:16 AM 09050-3
Instrument 3 Justin Knoy
db-alc2

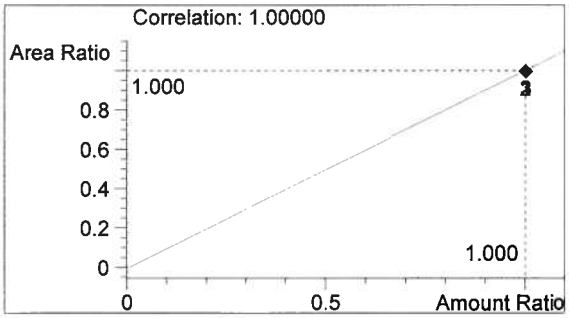
vial # 12



#	Compound	Area	RT
1	ETHANOL	830	1.069
2	n-PROPANOL	1875	1.829
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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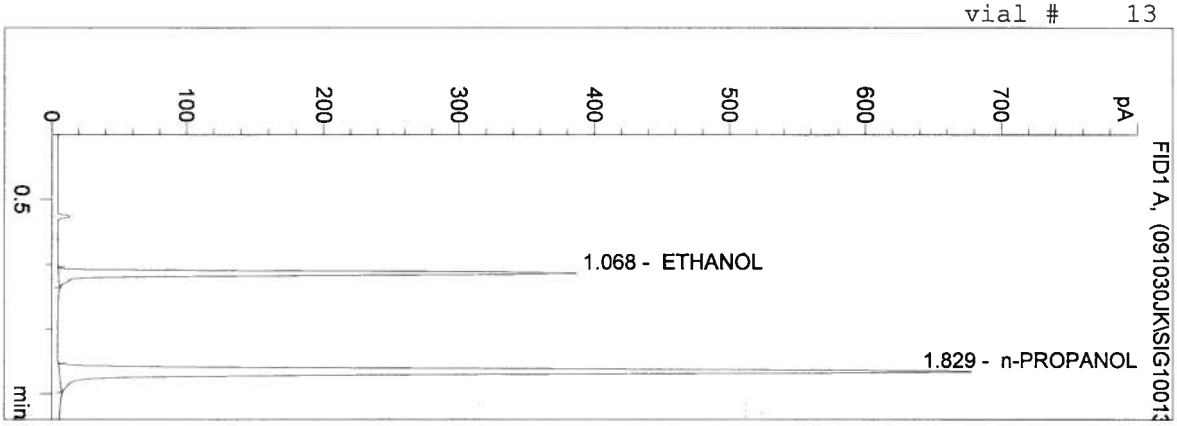
10/30/2009 11:12:24 AM
Instrument 3
db-alc2

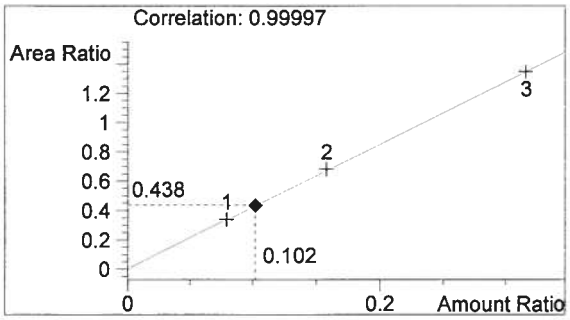
09050-4
Justin Knoy

vial # 13

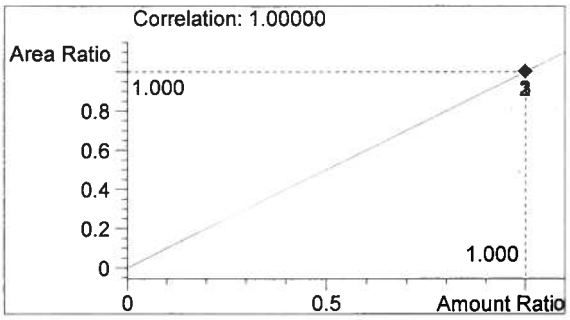


#	Compound	Area	RT
1	ETHANOL	850	1.068
2	n-PROPANOL	1938	1.829

Totals:



ETHANOL 0.102 g/100ml

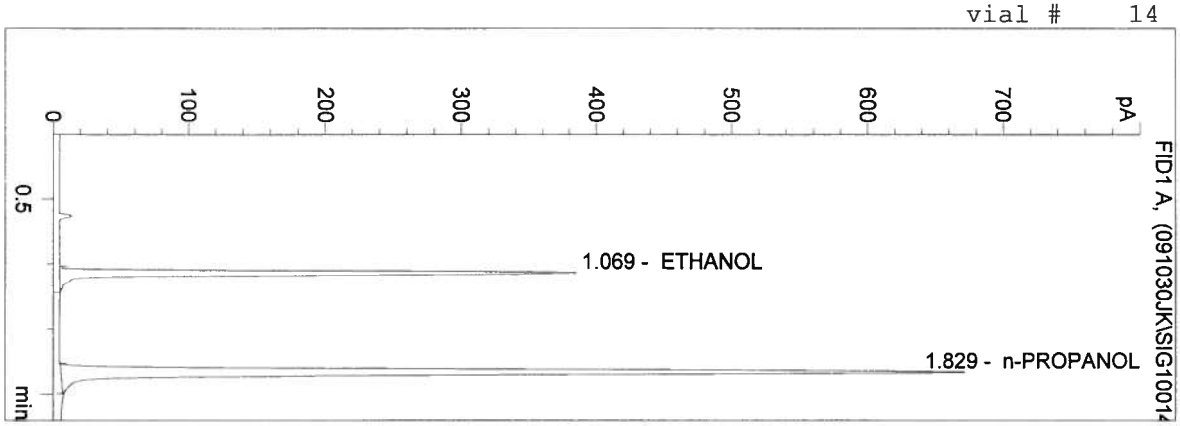


n-PROPANOL 1.000 g/100ml

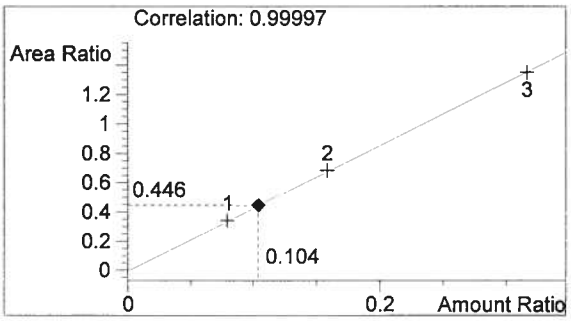
C:\HPCHEM\2\METHODS\SIMALC.M
10/30/2009 11:15:32 AM
Instrument 3
db-alc2

09050-5
Justin Knoy

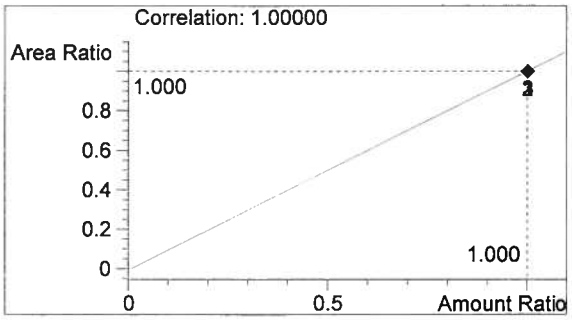
vial # 14



#	Compound	Area	RT
1	ETHANOL	855	1.069
2	n-PROPANOL	1918	1.829
Totals:			



ETHANOL 0.104 g/100ml



n-PROPANOL 1.000 g/100ml

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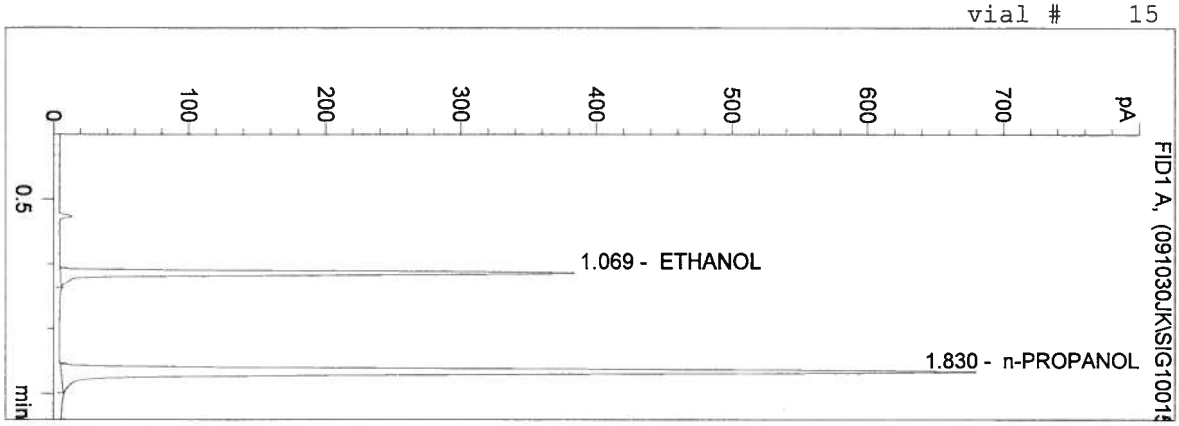
10/30/2009 11:18:40 AM
Instrument 3
db-alc2

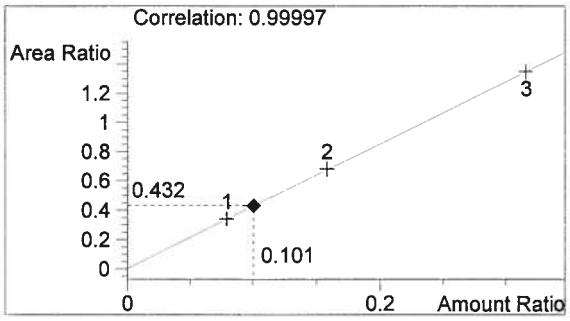
0.10 CTRL JK
Justin Knoy

vial # 15

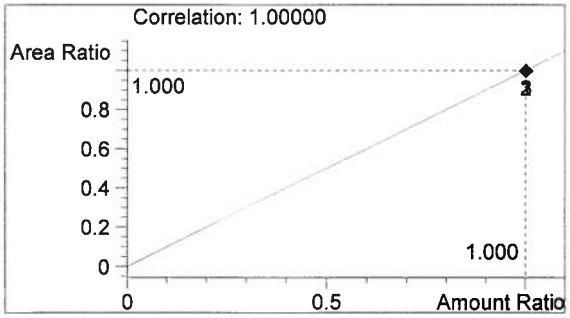


#	Compound	Area	RT
1	ETHANOL	837	1.069
2	n-PROPANOL	1936	1.830

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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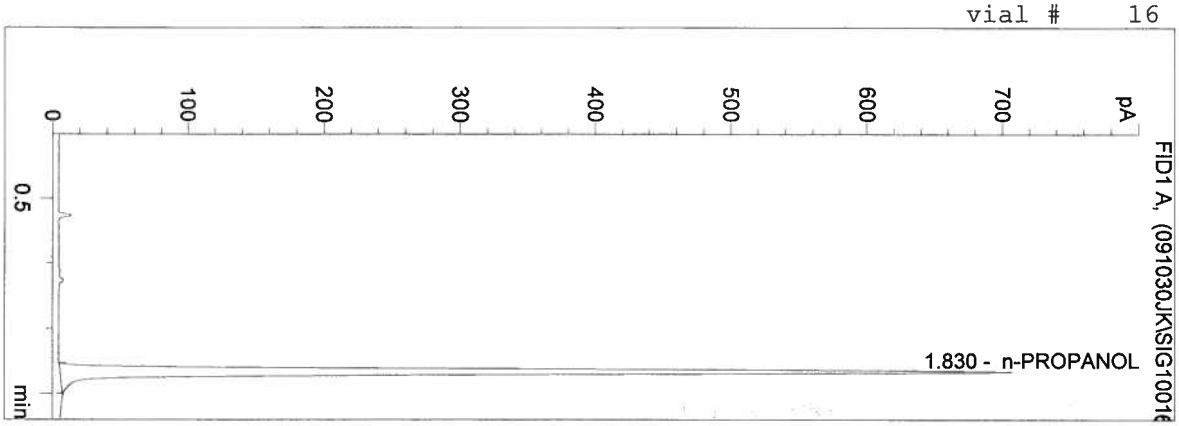
10/30/2009 11:21:47 AM
Instrument 3
db-alc2

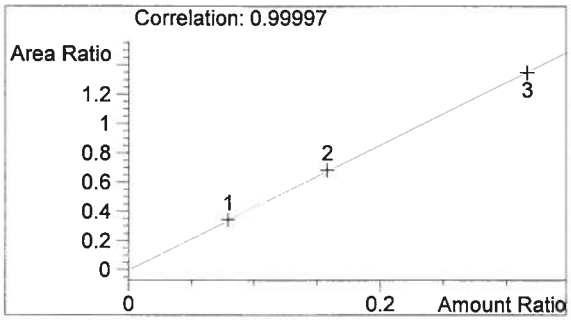
NEG CTRL JK
Justin Knoy

vial # 16

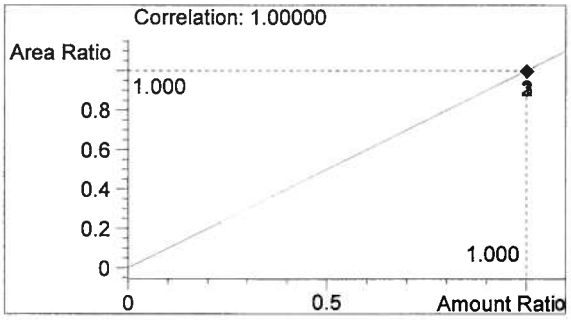


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2021	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09050

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:	091102A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a067397 exp 09/2013
0.10 control lot# a064767 exp 04/2013
0.20 control lot# a064522 exp 04/2013

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Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC	1	Calib		
5	Vial 5	neg control - al	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC	1	Ctrl Samp		
10	Vial 10	09050 #1	SIMALC	1	Sample		
11	Vial 11	09050 #2	SIMALC	1	Sample		
12	Vial 12	09050 #3	SIMALC	1	Sample		
13	Vial 13	09050 #4	SIMALC	1	Sample		
14	Vial 14	09050 #5	SIMALC	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC	1	Ctrl Samp		

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Calibration Part:

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

09050

Sequence Table (Back Injector):

No entries - empty table!

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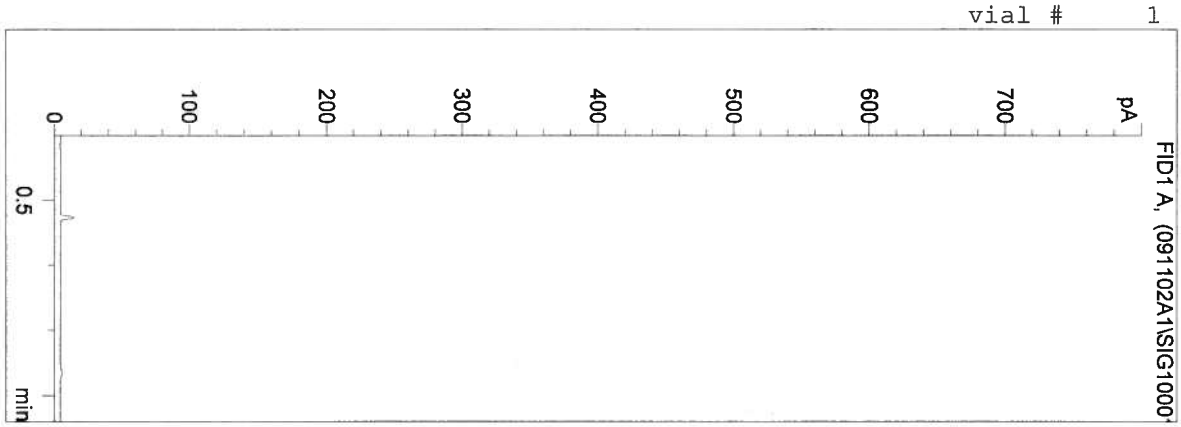
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
11/2/2009 9:25:54 AM
Instrument 3
db-alc2

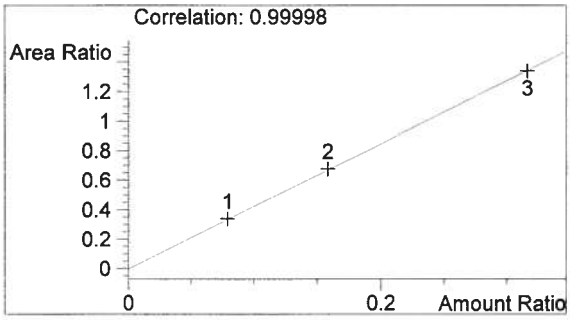
blank
asa louis

vial # 1

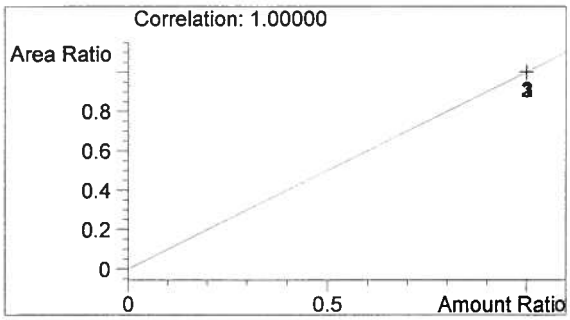


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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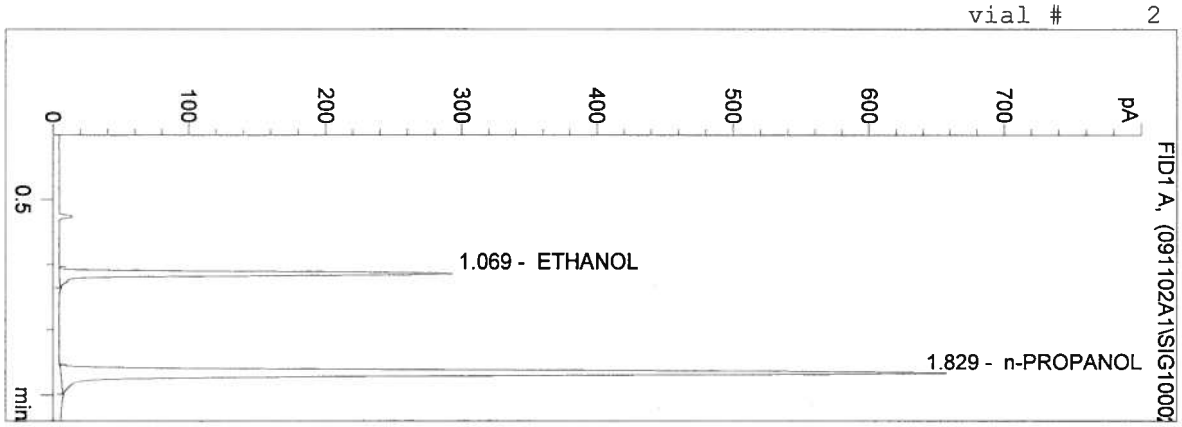
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
11/2/2009 9:29:01 AM
Instrument 3
db-alc2

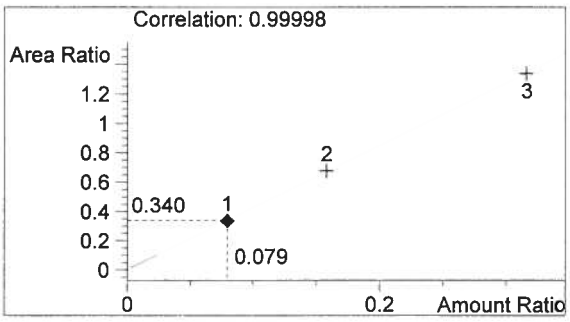
0.079 cal 1
asa louis

vial # 2

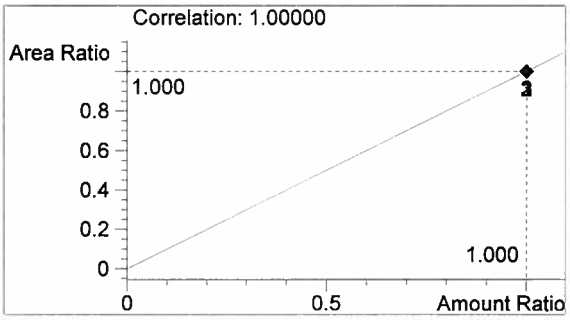


#	Compound	Area	RT
1	ETHANOL	638	1.069
2	n-PROPANOL	1877	1.829

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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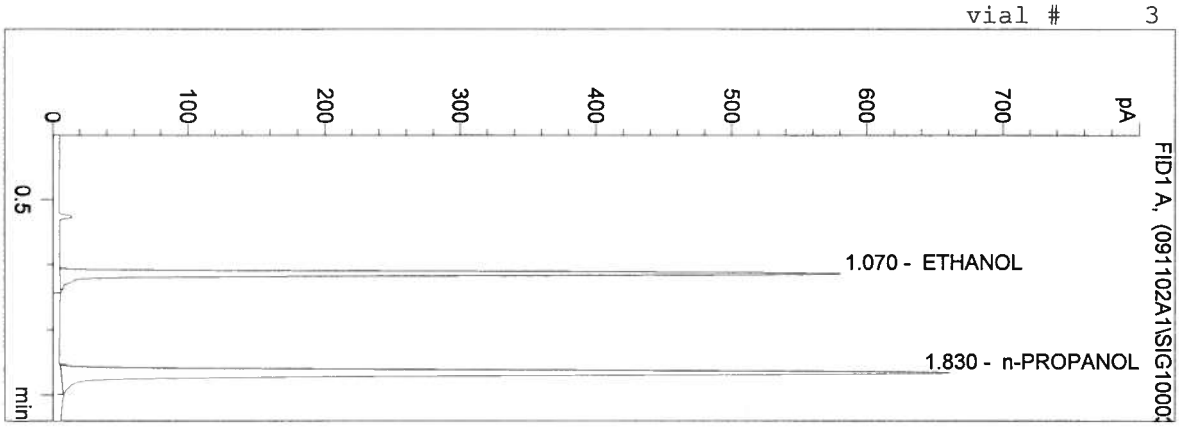
11/2/2009 9:32:09 AM
Instrument 3
db-alc2

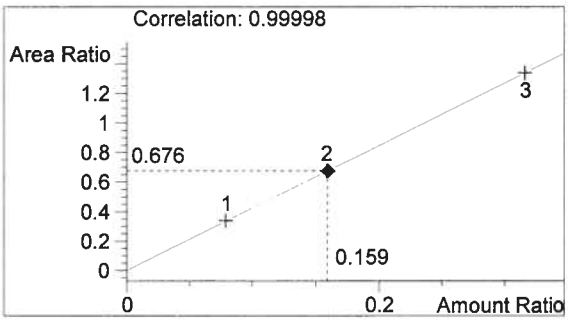
0.158 cal 2
asa louis

vial # 3

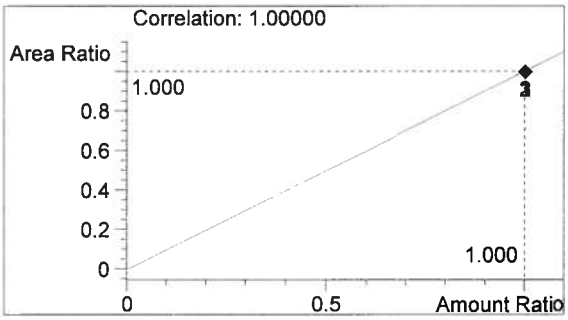


#	Compound	Area	RT
1	ETHANOL	1277	1.070
2	n-PROPANOL	1888	1.830

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

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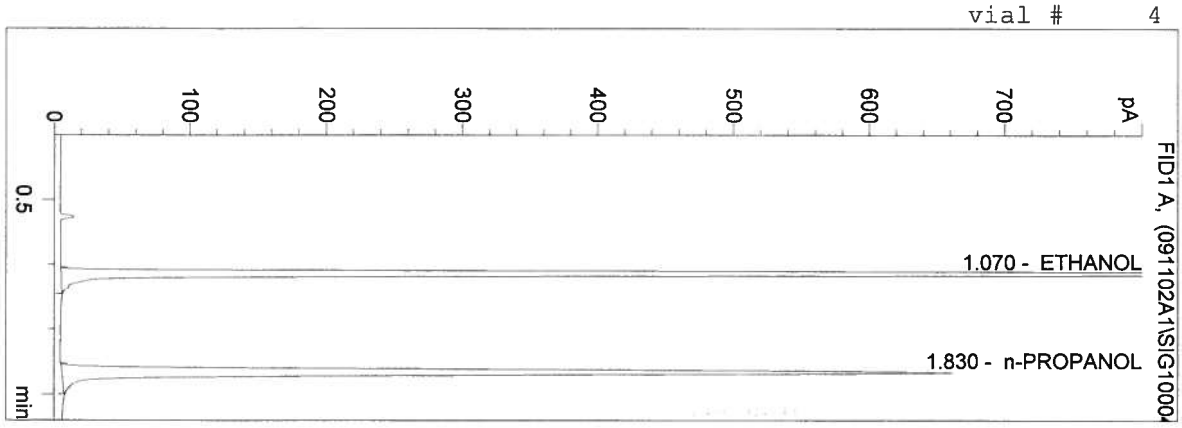
11/2/2009 9:35:17 AM
Instrument 3
db-alc2

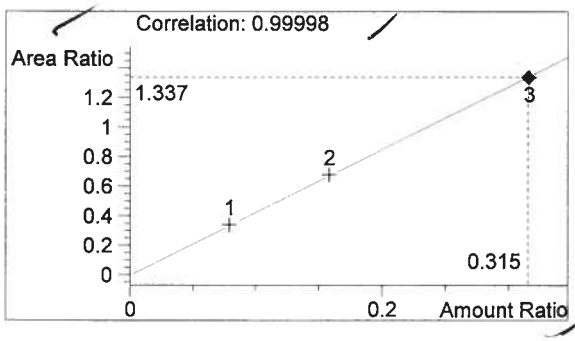
0.316 cal 3
asa louis

vial # 4

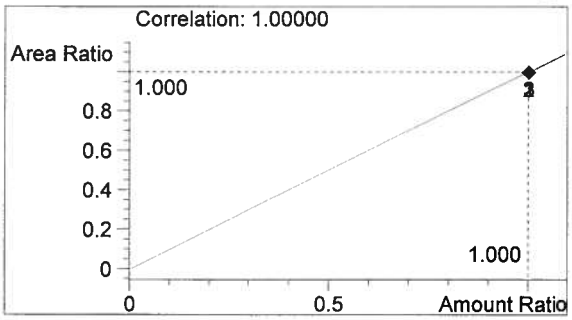


#	Compound	Area	RT
1	ETHANOL	2526	1.070
2	n-PROPANOL	1889	1.830

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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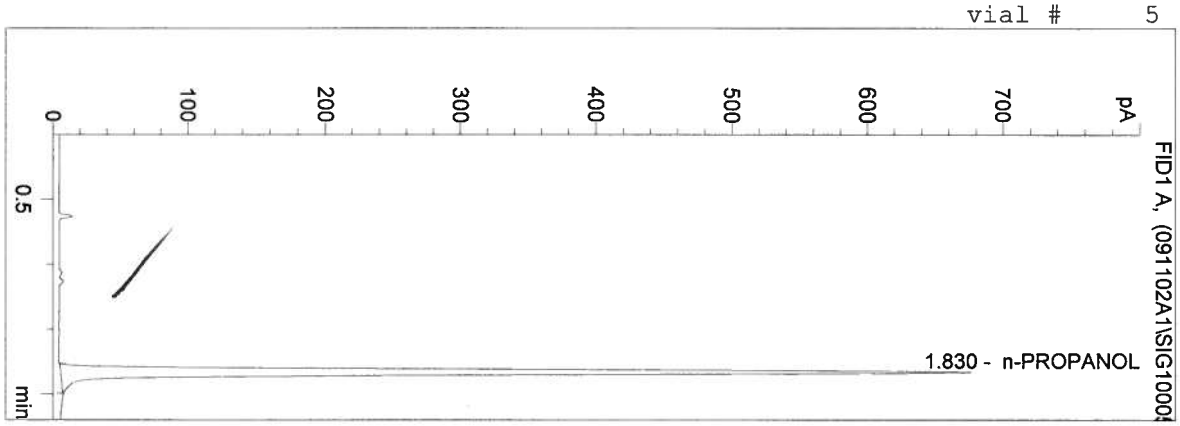
11/2/2009 9:38:24 AM
Instrument 3
db-alc2

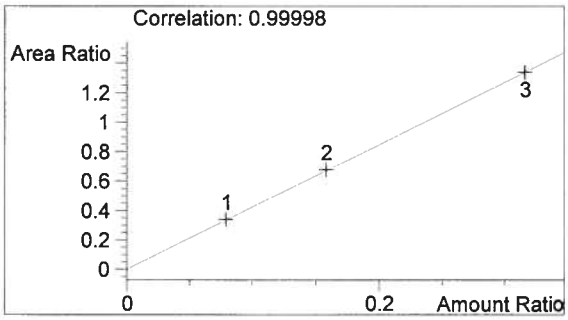
neg control - al
asa louis

vial # 5

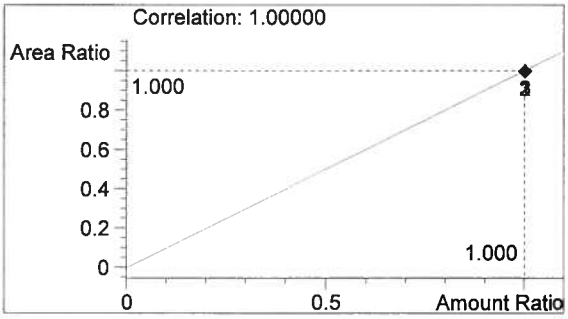


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1928	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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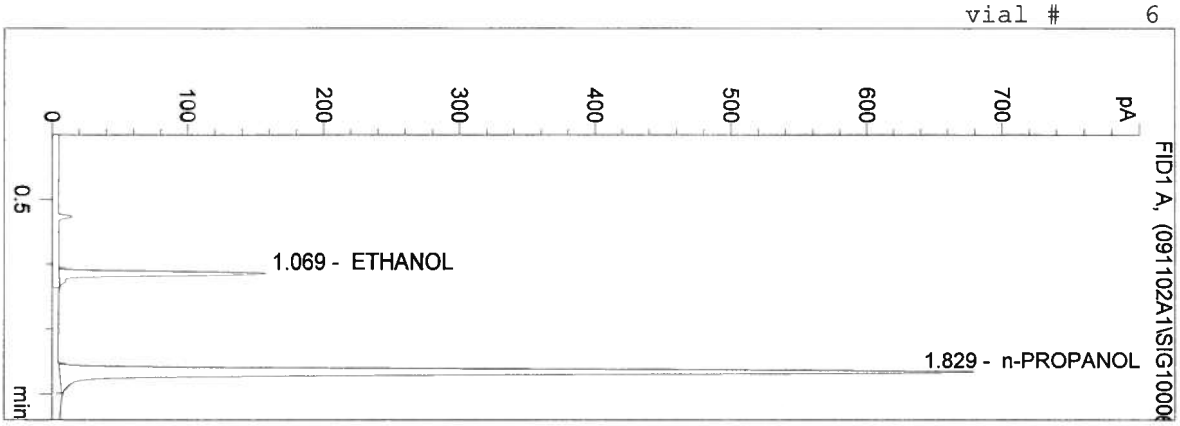
11/2/2009 9:41:32 AM
Instrument 3
db-alc2

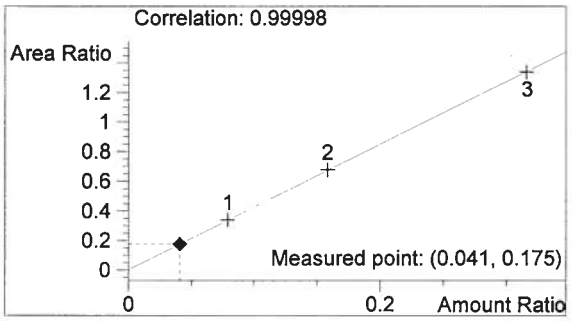
0.04 ctrl al
asa louis

vial # 6

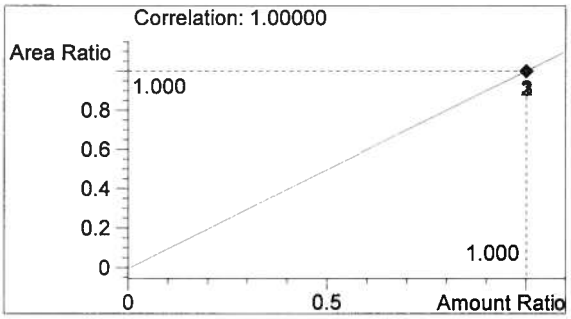


#	Compound	Area	RT
1	ETHANOL	340	1.069
2	n-PROPANOL	1940	1.829

Totals:



ETHANOL 0.041 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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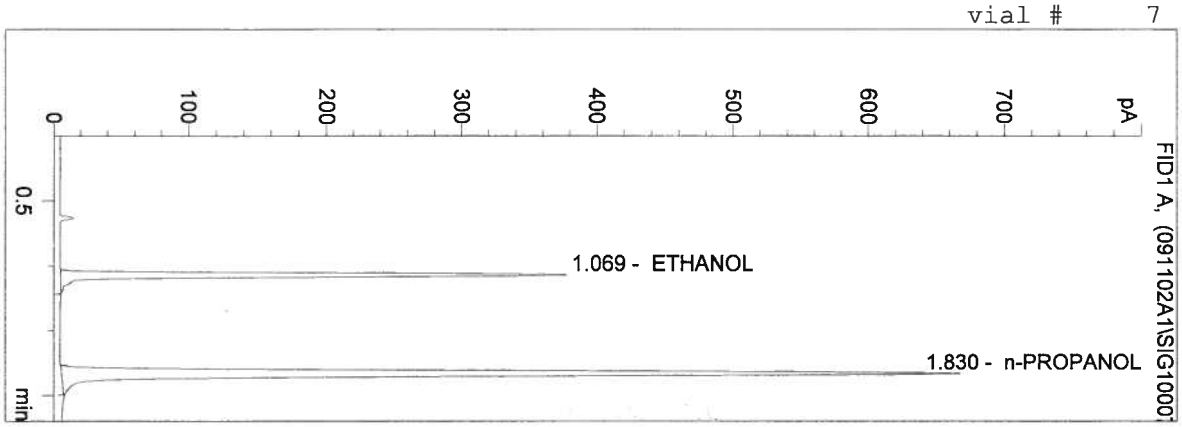
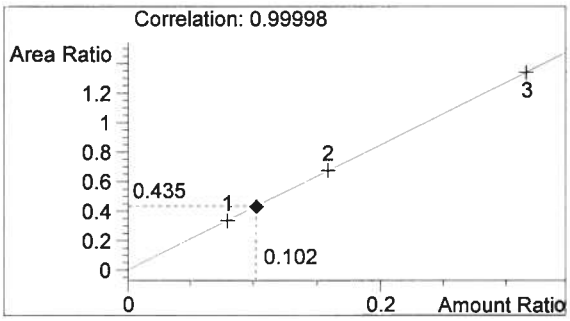
11/2/2009 9:44:40 AM
Instrument 3
db-alc2

0.10 ctrl al
asa louis

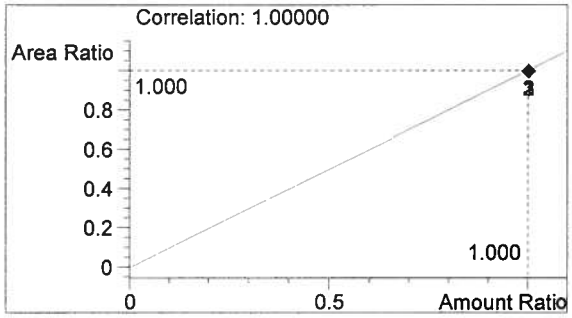
vial # 7



#	Compound	Area	RT
1	ETHANOL	830	1.069
2	n-PROPANOL	1910	1.830
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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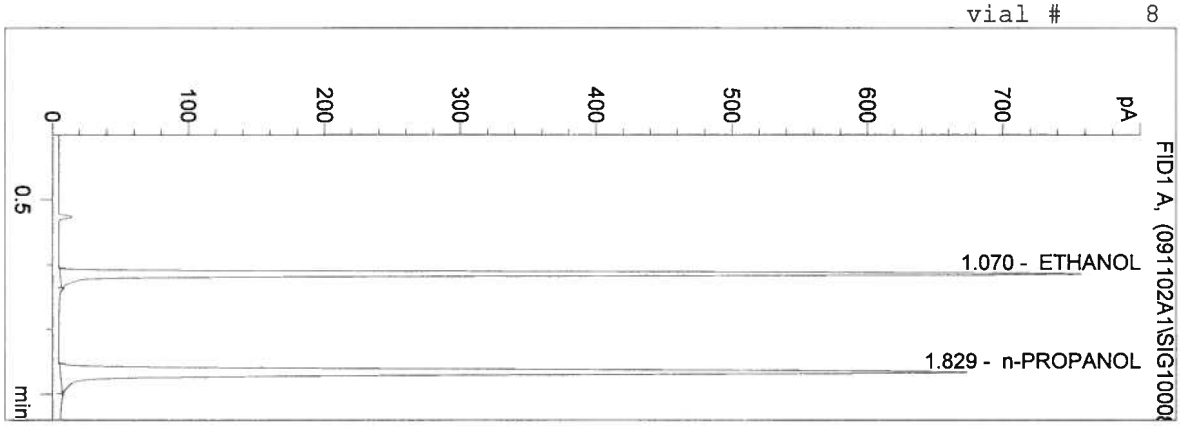
20091105

09050

C:\HPCHEM\2\METHODS\SIMALC.M
11/2/2009 9:47:48 AM
Instrument 3
db-alc2

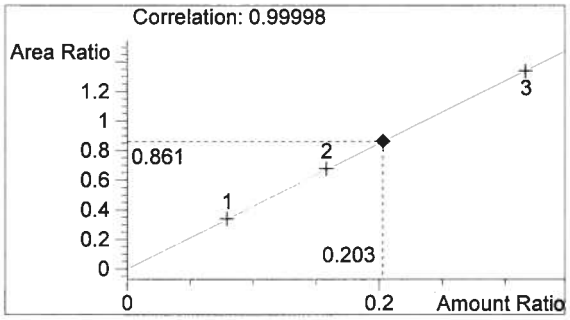
0.20 ctrl al
asa louis

vial # 8

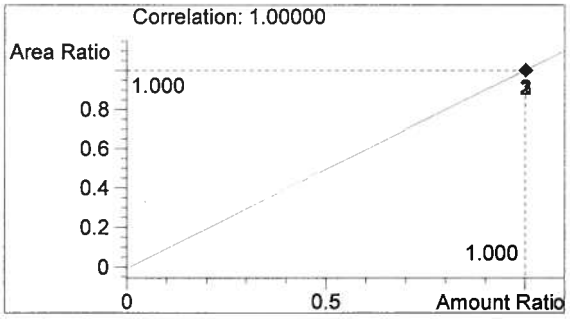


#	Compound	Area	RT
1	ETHANOL	1655	1.070
2	n-PROPANOL	1923	1.829

Totals:



ETHANOL 0.203 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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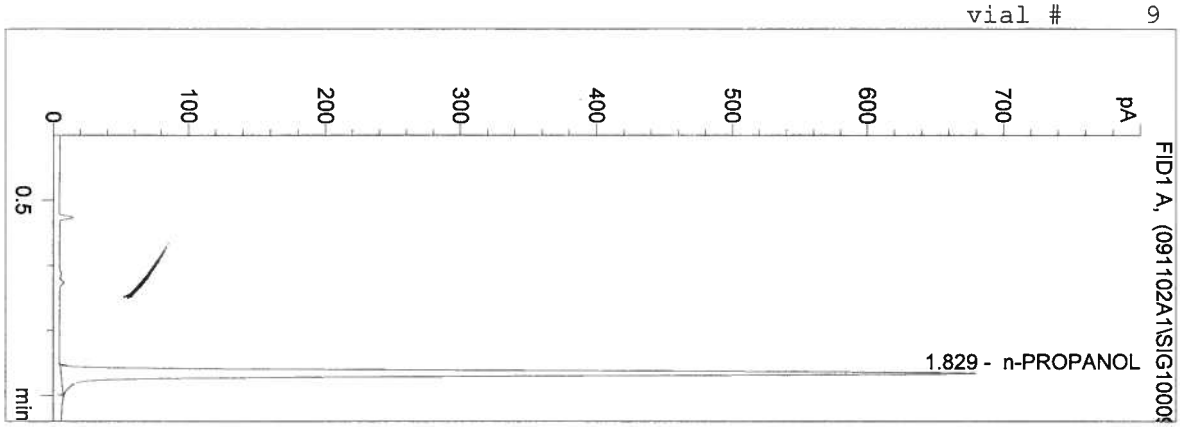
11/2/2009 9:50:56 AM
Instrument 3
db-alc2

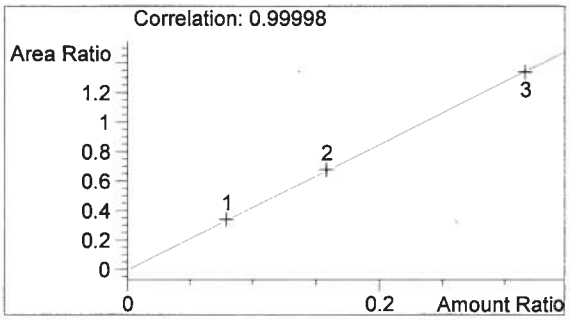
neg control - al
asa louis

vial # 9

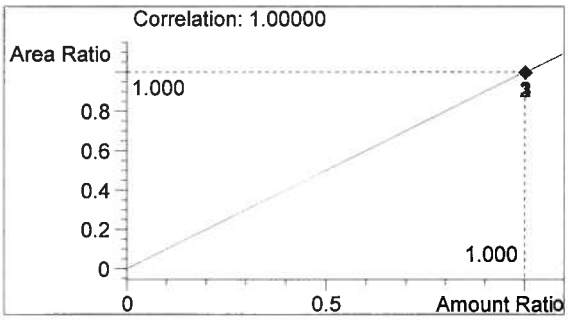


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1945	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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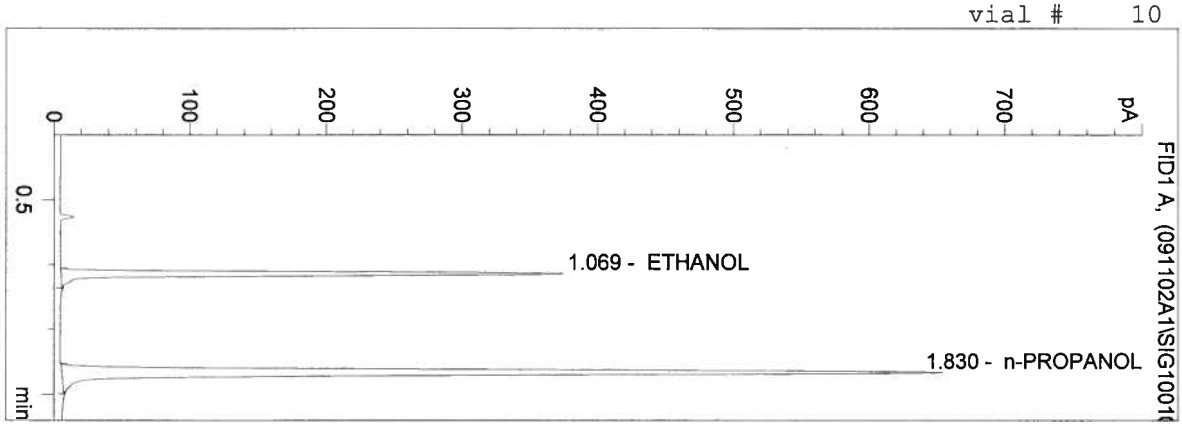
Instrument 3
db-alc2

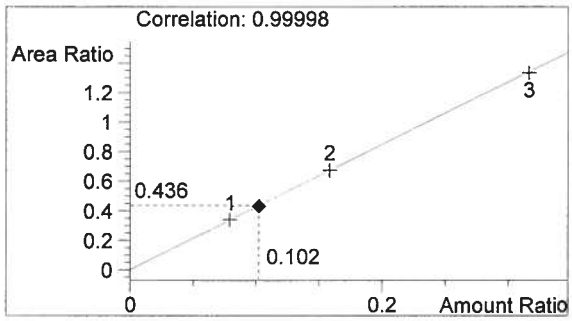
09050 #1
asa louis

vial # 10

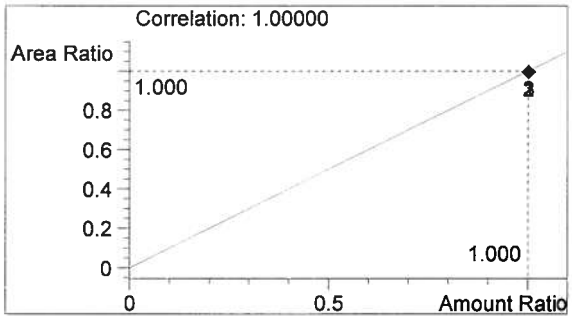


#	Compound	Area	RT
1	ETHANOL	817	1.069
2	n-PROPANOL	1873	1.830

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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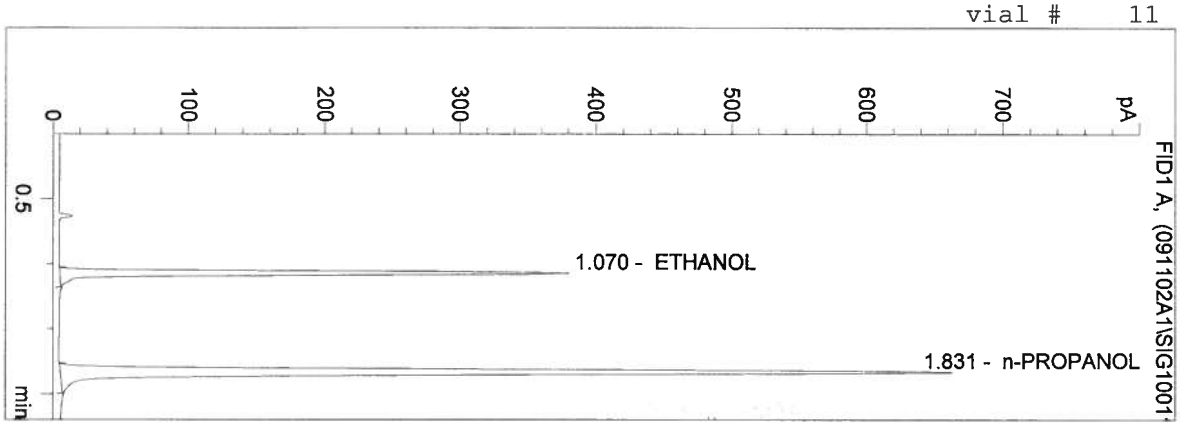
Instrument 3
db-alc2

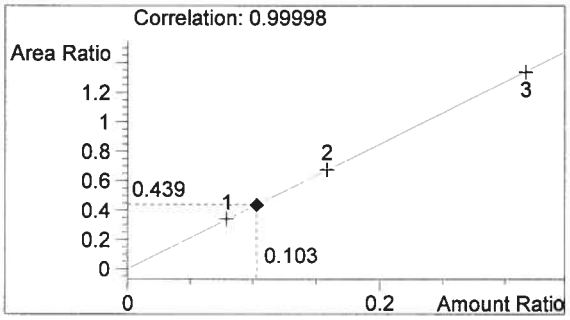
09050 #2
asa louis

vial # 11

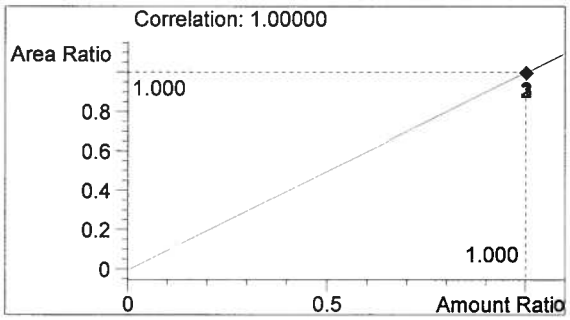


#	Compound	Area	RT
1	ETHANOL	832	1.070
2	n-PROPANOL	1896	1.831

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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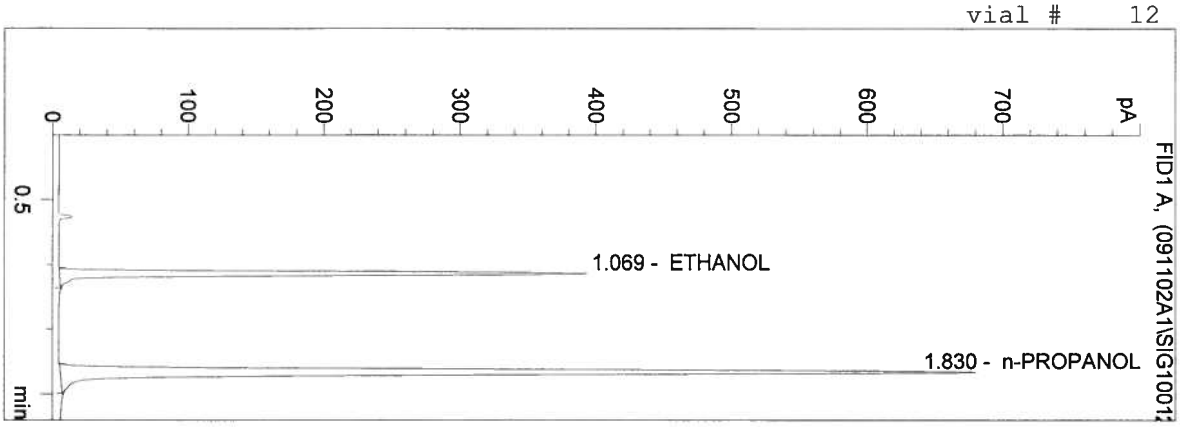
Instrument 3
db-alc2

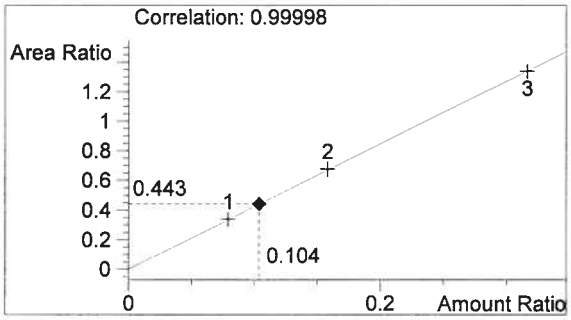
09050 #3
asa louis

vial # 12

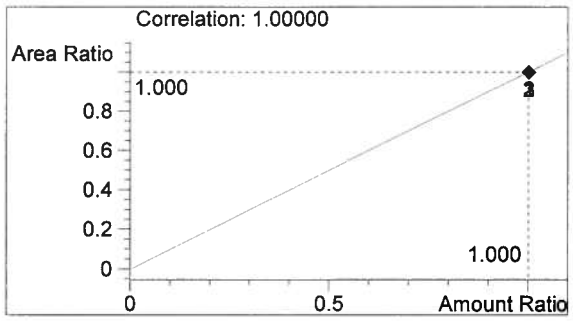


#	Compound	Area	RT
1	ETHANOL	861	1.069
2	n-PROPANOL	1945	1.830

Totals:



ETHANOL 0.104 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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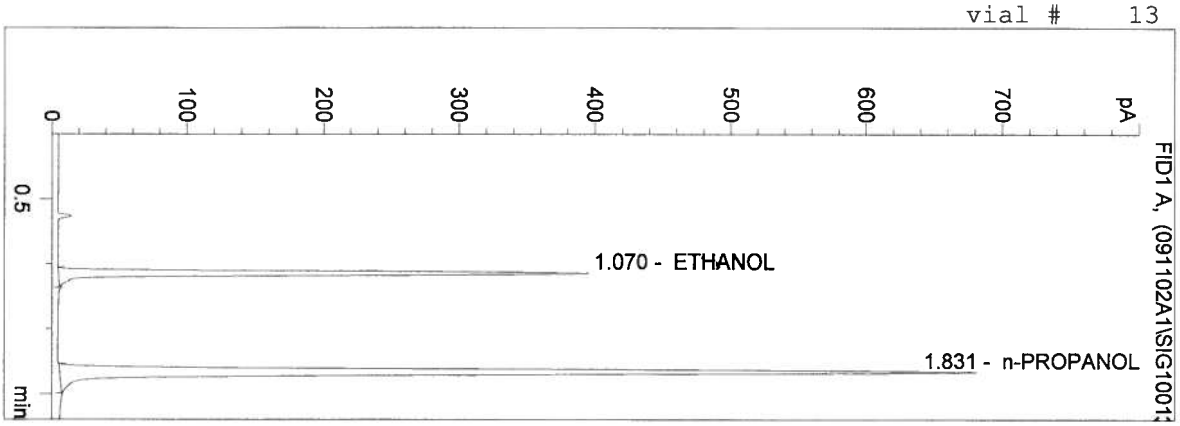
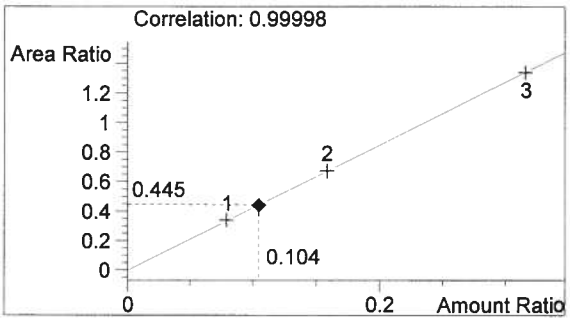
Instrument 3
db-alc2

09050 #4
asa louis

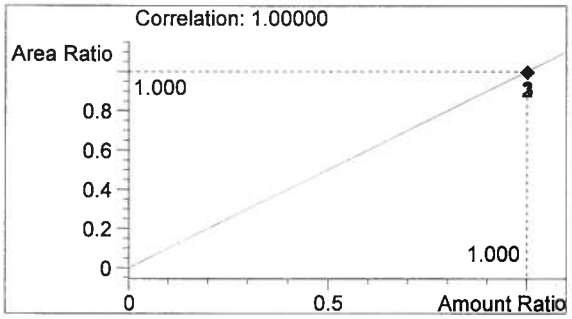
vial # 13



#	Compound	Area	RT
1	ETHANOL	864	1.070
2	n-PROPANOL	1942	1.831
Totals:			



ETHANOL 0.104 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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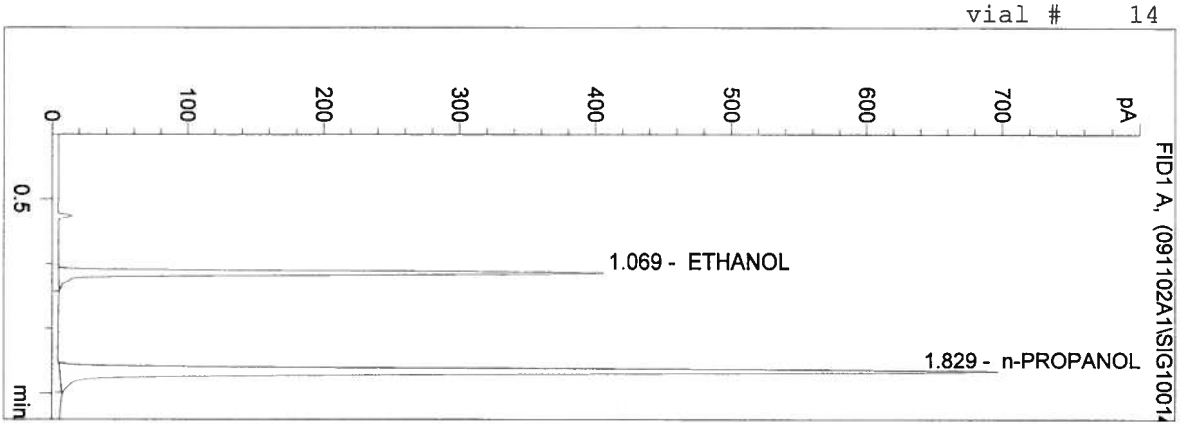
Instrument 3
db-alc2

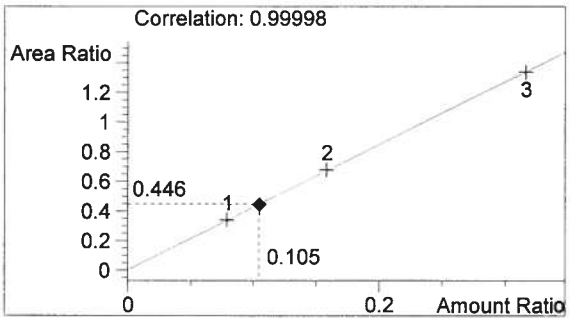
09050 #5
asa louis

vial # 14

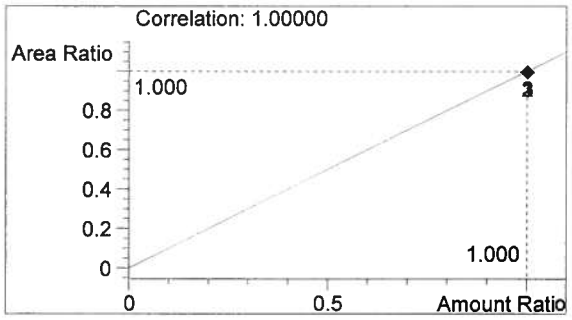


#	Compound	Area	RT
1	ETHANOL	887	1.069
2	n-PROPANOL	1988	1.829

Totals:



ETHANOL 0.105 g/100ml



n-PROPANOL 1.000 g/100ml

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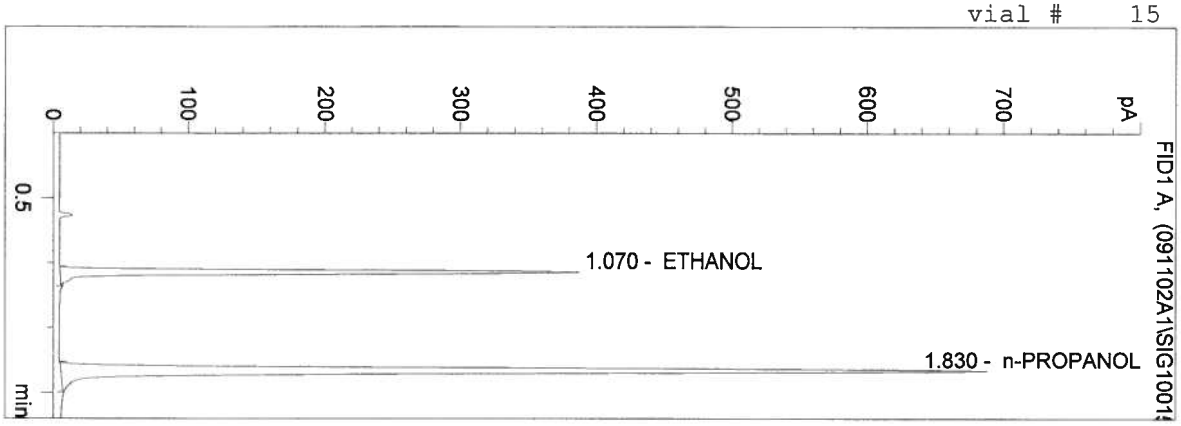
Instrument 3
db-alc2

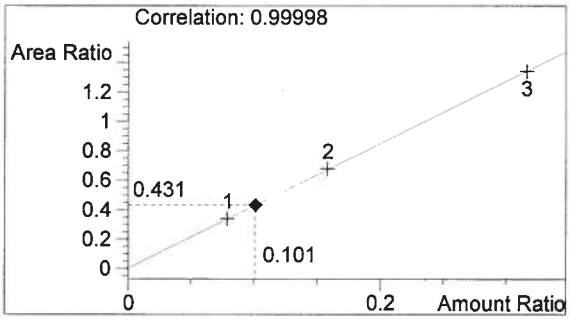
0.10 ctrl al
asa louis

vial # 15

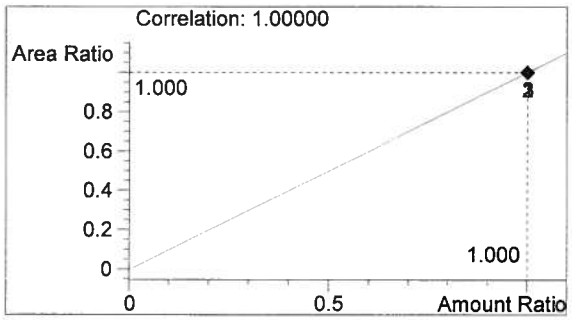


#	Compound	Area	RT
1	ETHANOL	848	1.070
2	n-PROPANOL	1968	1.830

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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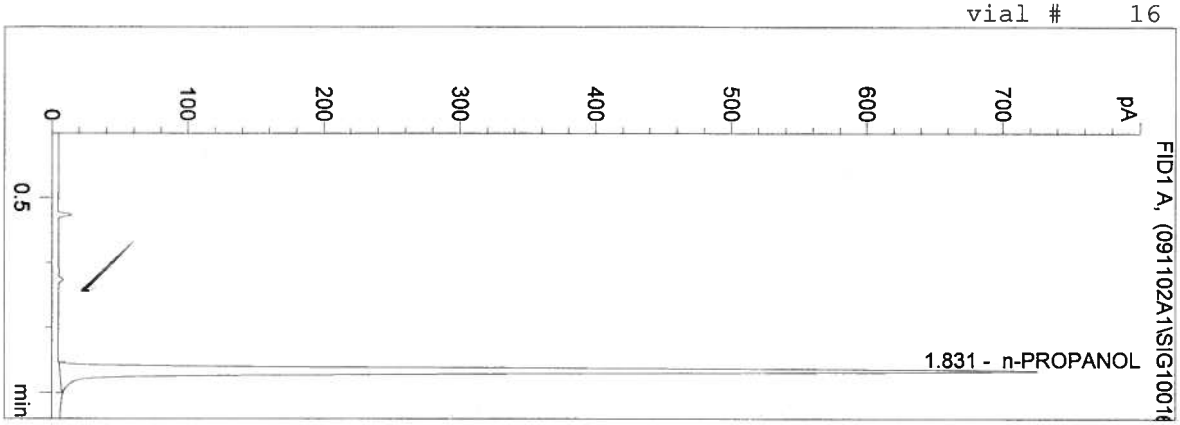
Instrument 3
db-alc2

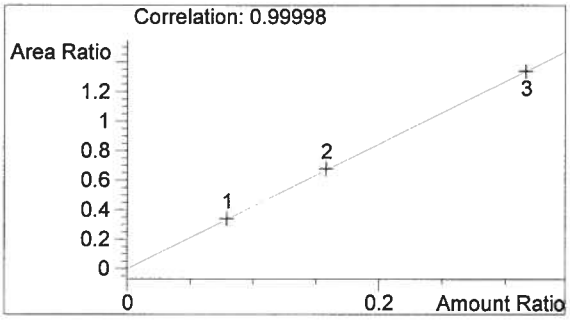
neg control - al
asa louis

vial # 16

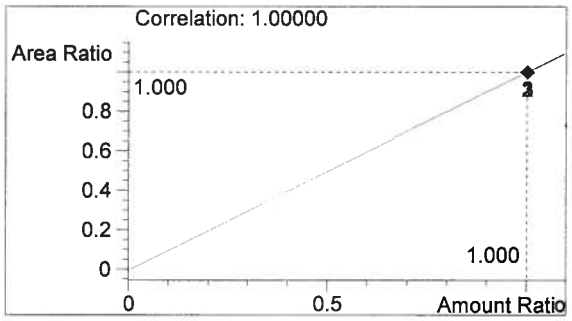


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2078	1.831

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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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:	091103BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANKbb	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG Ctrl-BB	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl-BB	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl-BB	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl-BB	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG Ctrl-BB	SIMALC	1	Ctrl Samp		
10	Vial 10	09050 #1-BB	SIMALC	1	Sample		
11	Vial 11	09050 #2-BB	SIMALC	1	Sample		
12	Vial 12	09050 #3-BB	SIMALC	1	Sample		
13	Vial 13	09050 #4-BB	SIMALC	1	Sample		
14	Vial 14	09050 #5-BB	SIMALC	1	Sample		
15	Vial 15	0.10 Ctrl-BB	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG Ctrl-BB	SIMALC	1	Ctrl Samp		

BB

Calibration Part:

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

09050

Sequence Table (Back Injector):

No entries - empty table!

BB

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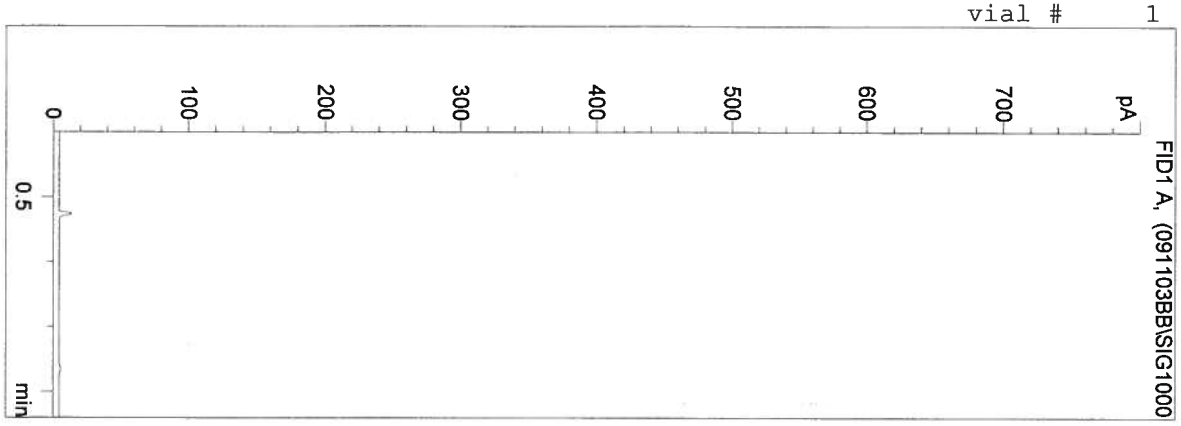
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
11/3/2009 2:36:34 PM
Instrument 3
db-alc2

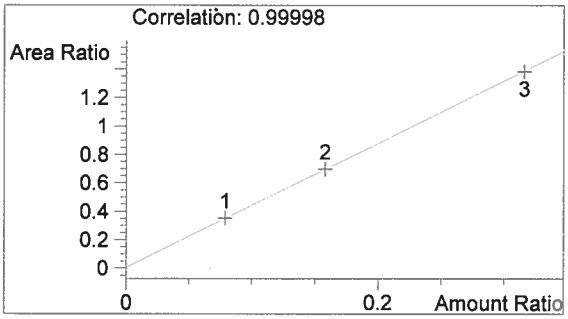
BLANKbb
Brittany Ball

vial # 1

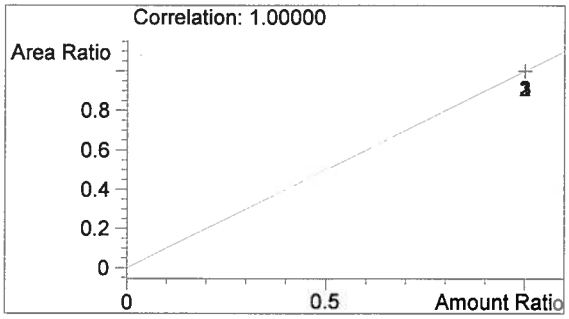


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

BB

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WASHINGTON STATE TOXICOLOGY LABORATORY

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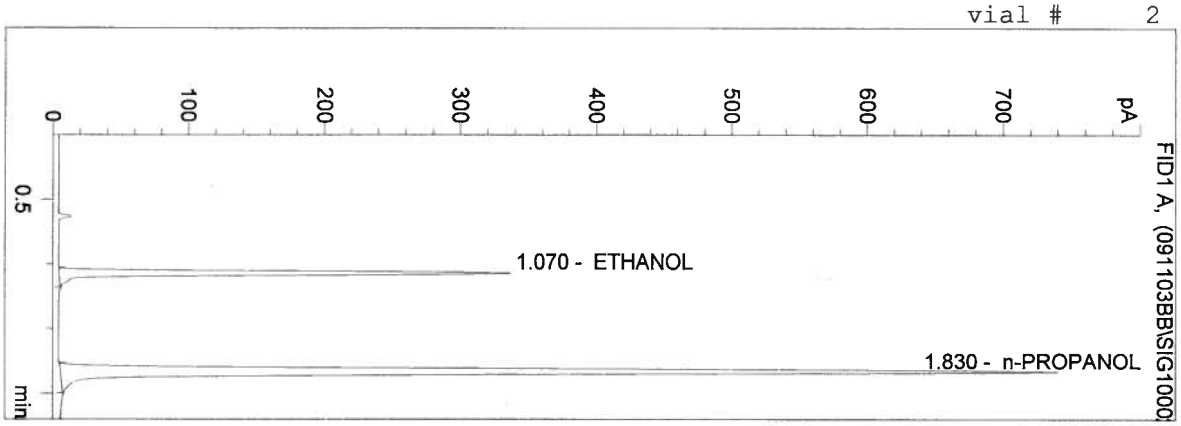
11/3/2009 2:39:42 PM
Instrument 3
db-alc2

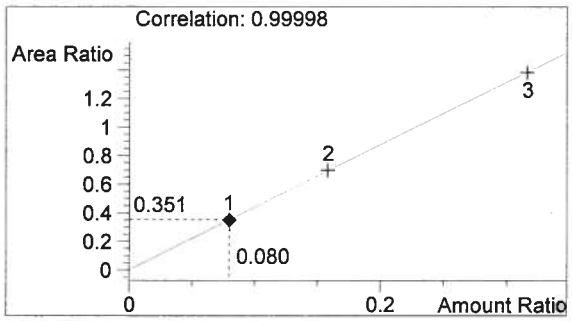
0.079 CAL 1
Brittany Ball

vial # 2

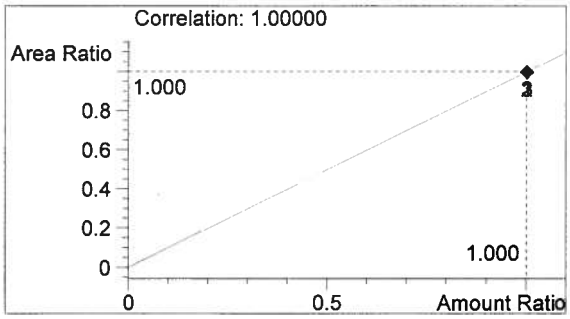


#	Compound	Area	RT
1	ETHANOL	743	1.070
2	n-PROPANOL	2116	1.830

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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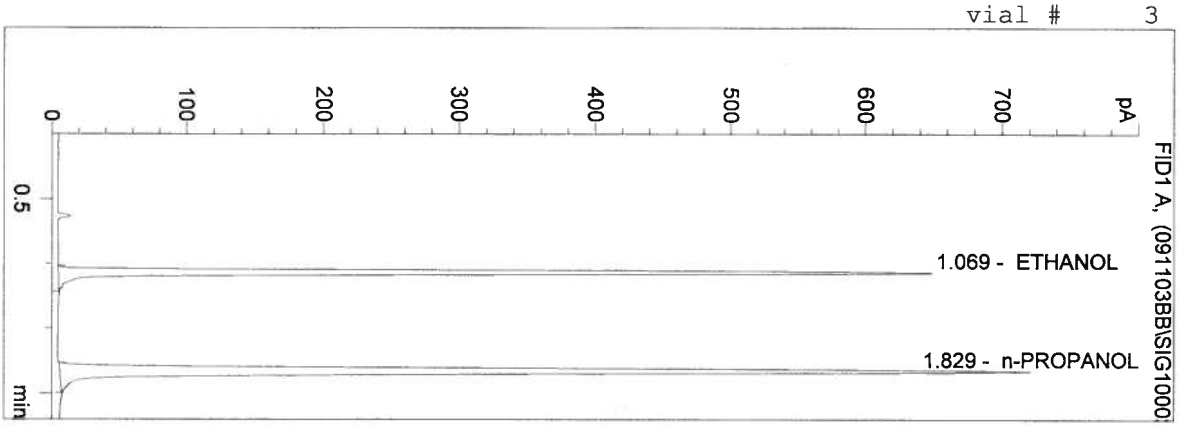
11/3/2009 2:42:50 PM
Instrument 3
db-alc2

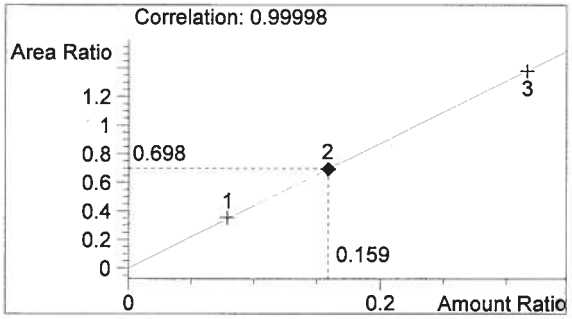
0.158 CAL 2
Brittany Ball

vial # 3

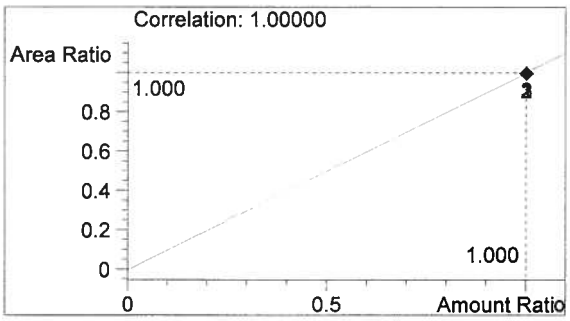


#	Compound	Area	RT
1	ETHANOL	1436	1.069
2	n-PROPANOL	2058	1.829

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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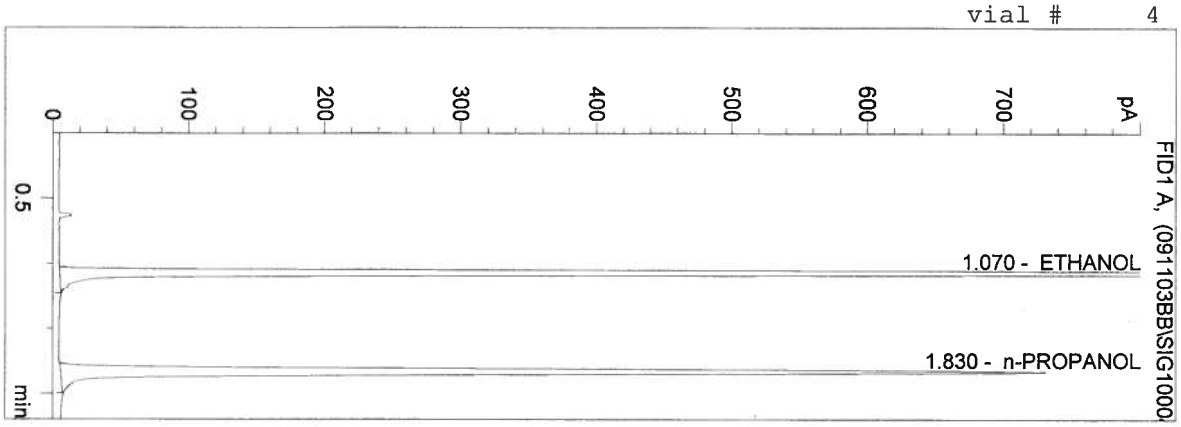
11/3/2009 2:45:57 PM
Instrument 3
db-alc2

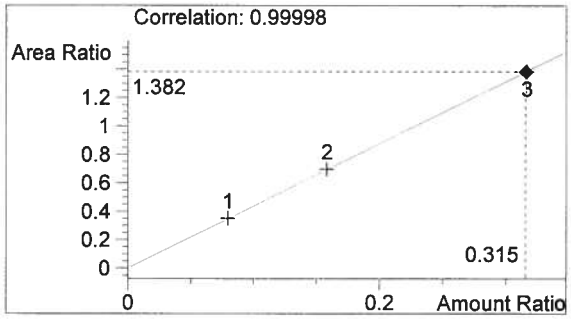
0.316 CAL 3
Brittany Ball

vial # 4

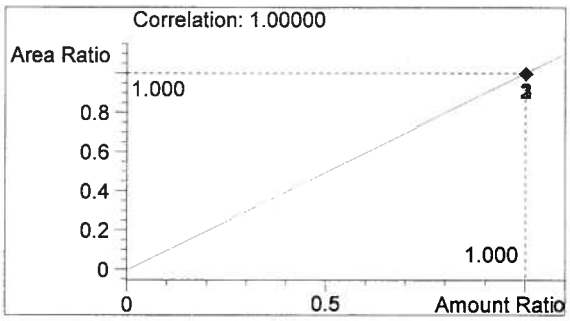


#	Compound	Area	RT
1	ETHANOL	2886	1.070
2	n-PROPANOL	2088	1.830

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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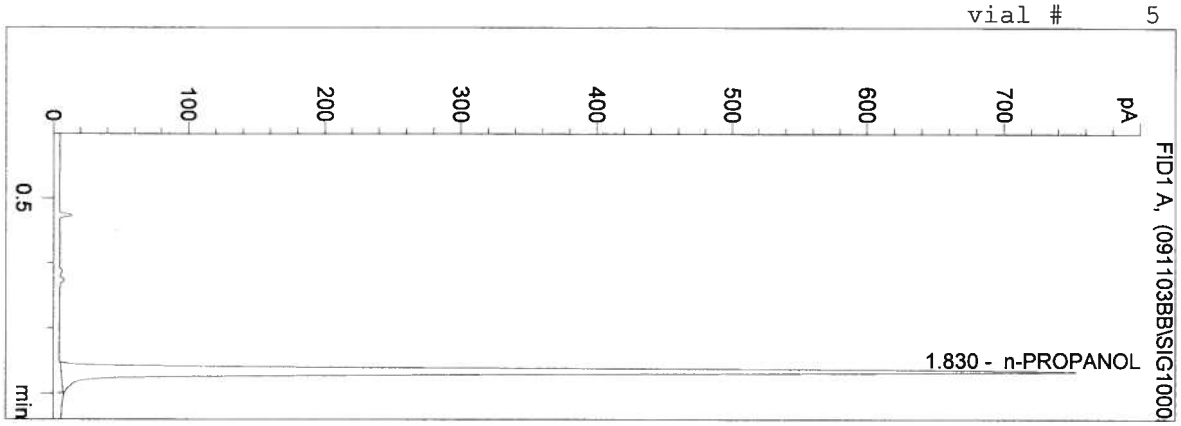
11/3/2009 2:49:05 PM
Instrument 3
db-alc2

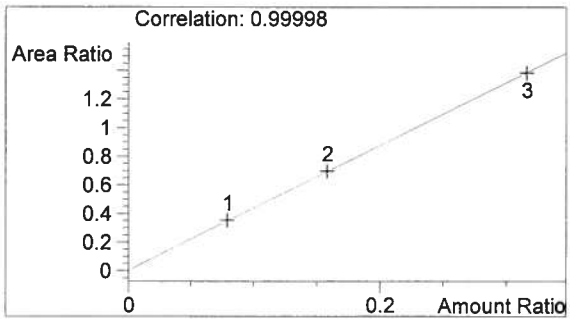
NEG Ctrl-BB
Brittany Ball

vial # 5

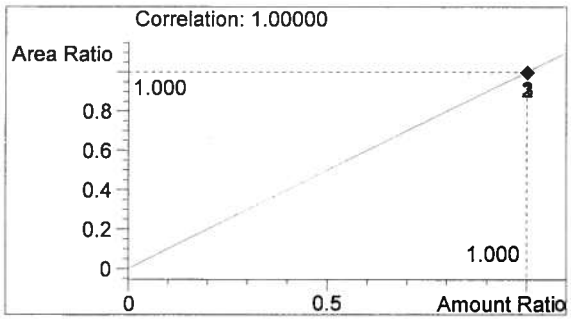


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2155	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BB

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WASHINGTON STATE TOXICOLOGY LABORATORY

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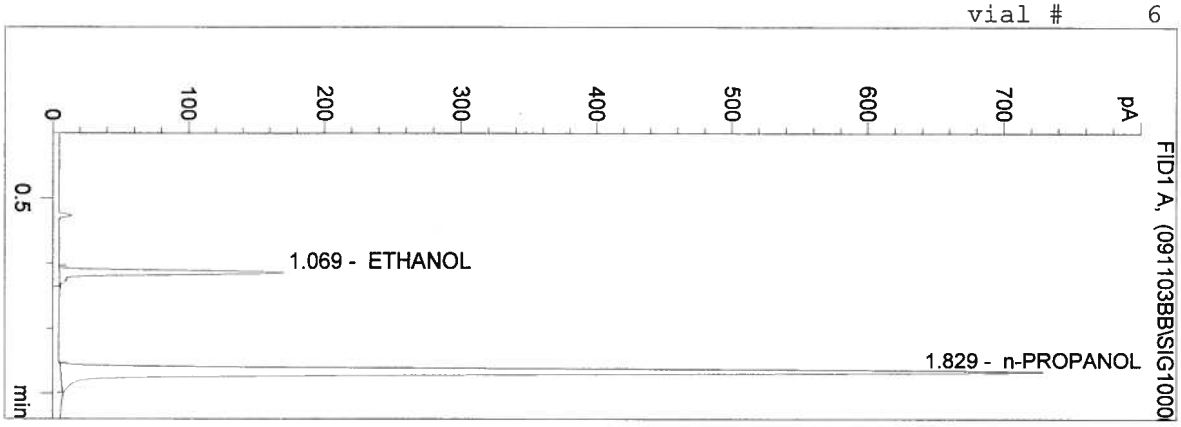
11/3/2009 2:52:13 PM
Instrument 3
db-alc2

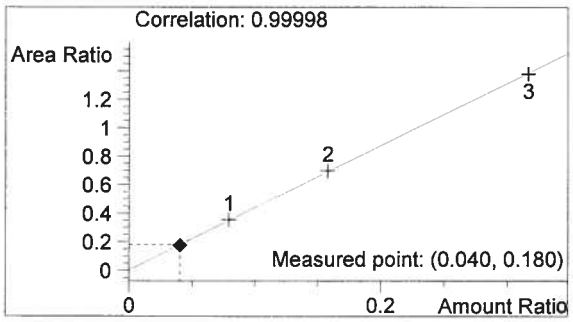
0.04 Ctrl-BB
Brittany Ball

vial # 6

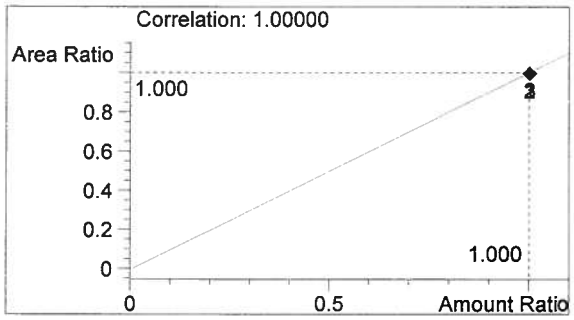


#	Compound	Area	RT
1	ETHANOL	375	1.069
2	n-PROPANOL	2084	1.829

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

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09050

WASHINGTON STATE TOXICOLOGY LABORATORY

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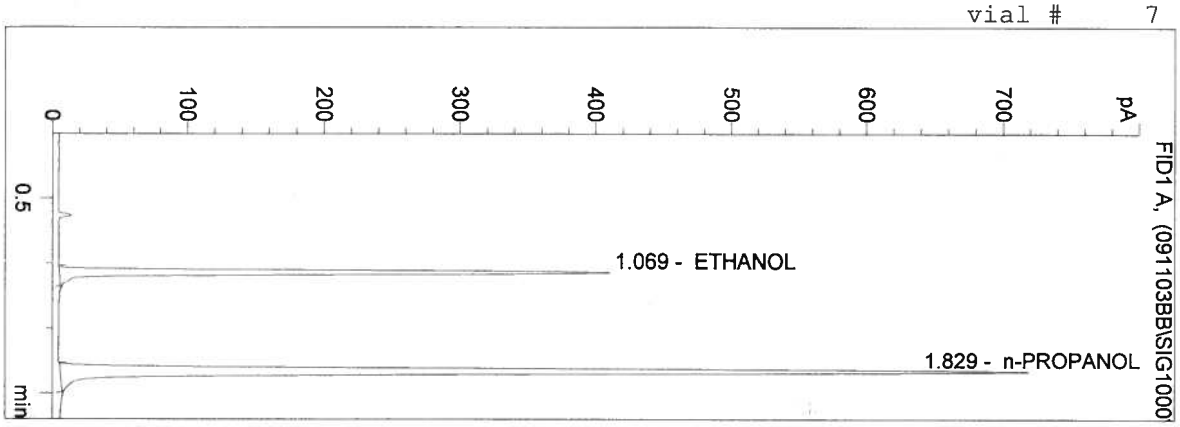
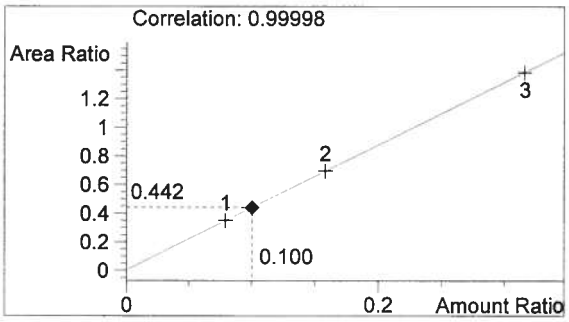
Instrument 3
db-alc2

0.10 Ctrl-BB
Brittany Ball

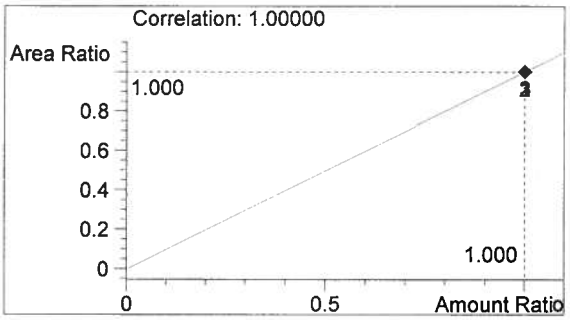
vial # 7



#	Compound	Area	RT
1	ETHANOL	910	1.069
2	n-PROPANOL	2057	1.829
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
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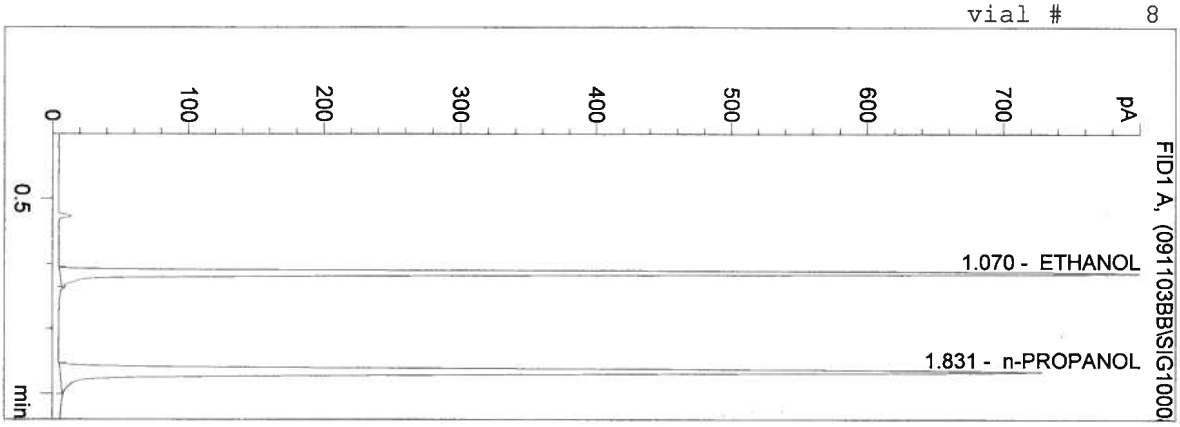
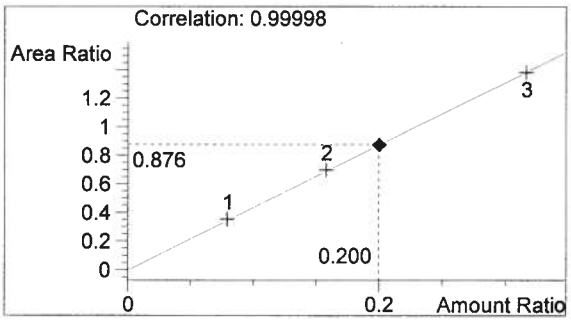
Brittany Ball

vial # 8

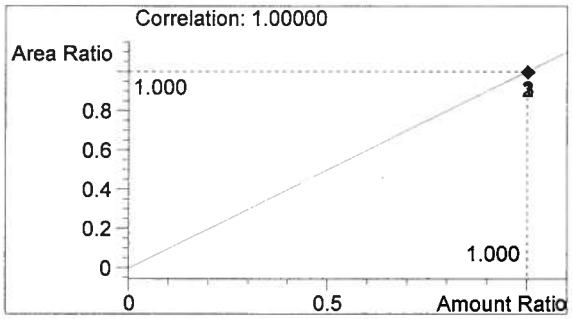


#	Compound	Area	RT
1	ETHANOL	1825	1.070
2	n-PROPANOL	2083	1.831

Totals:



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
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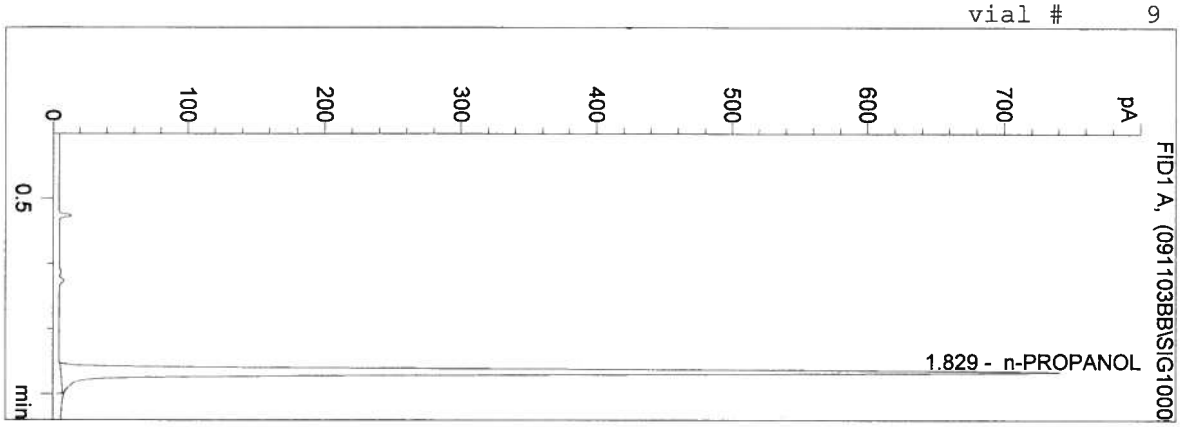
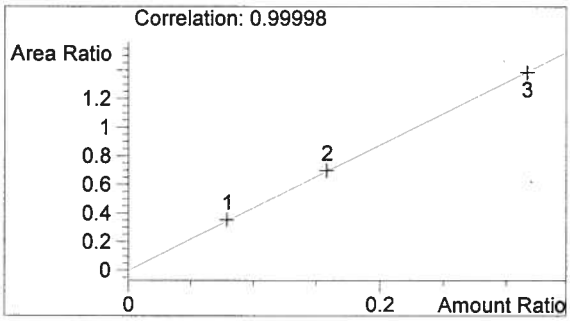
NEG Ctrl-BB
Brittany Ball

vial # 9

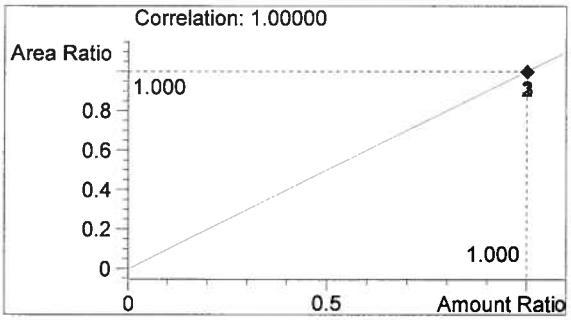


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2120	1.829

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
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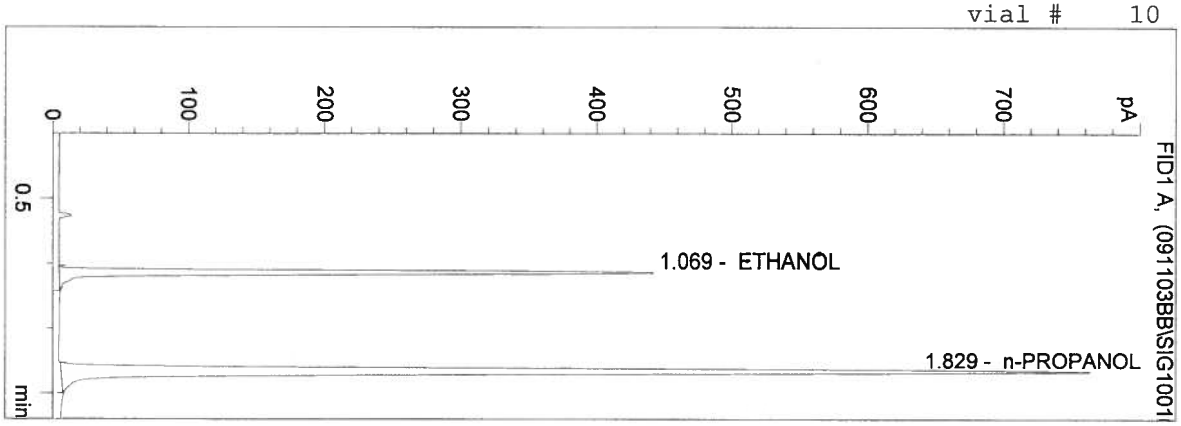
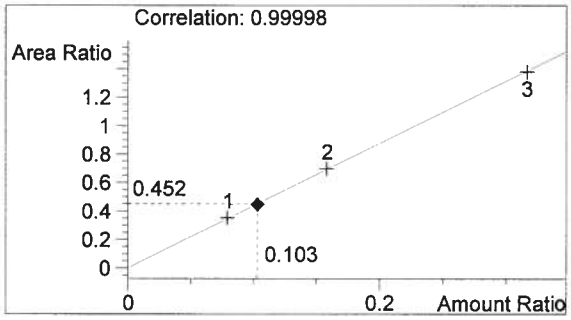
Brittany Ball

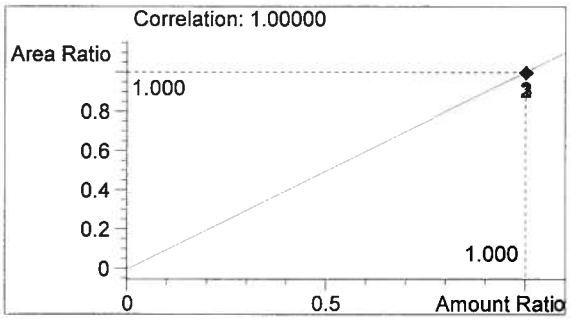
vial # 10



#	Compound	Area	RT
1	ETHANOL	987	1.069
2	n-PROPANOL	2185	1.829
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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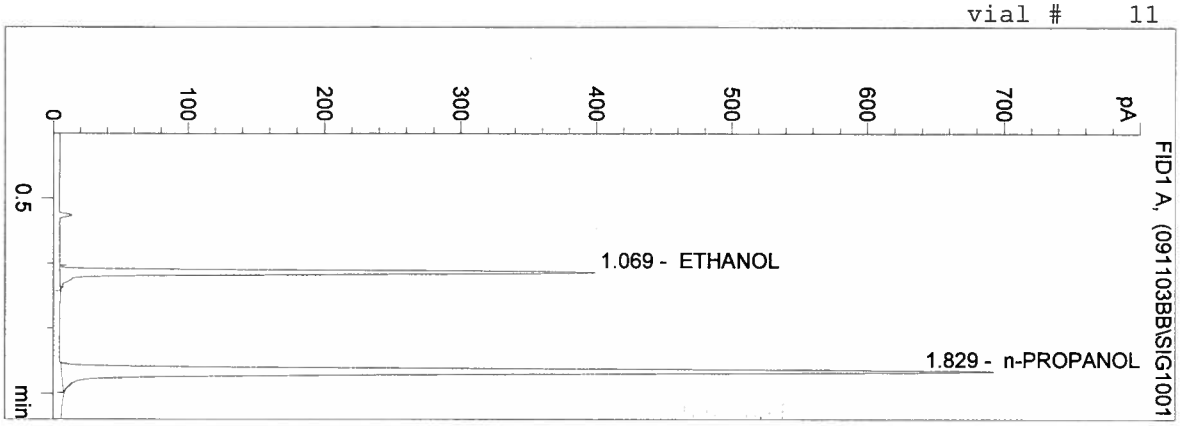
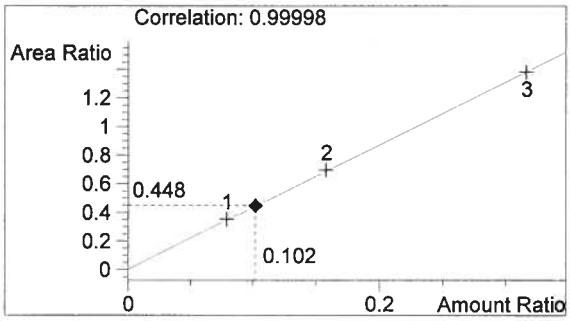
Instrument 3
db-alc2

09050 #2-BB
Brittany Ball

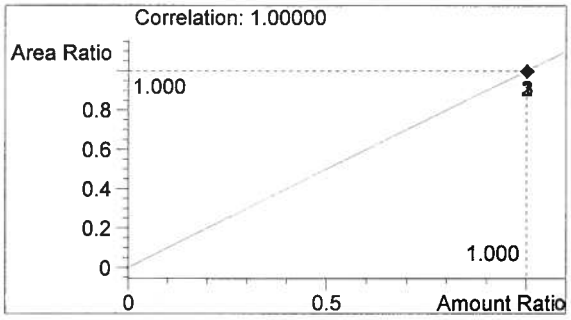
vial # 11



#	Compound	Area	RT
1	ETHANOL	887	1.069
2	n-PROPANOL	1978	1.829
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
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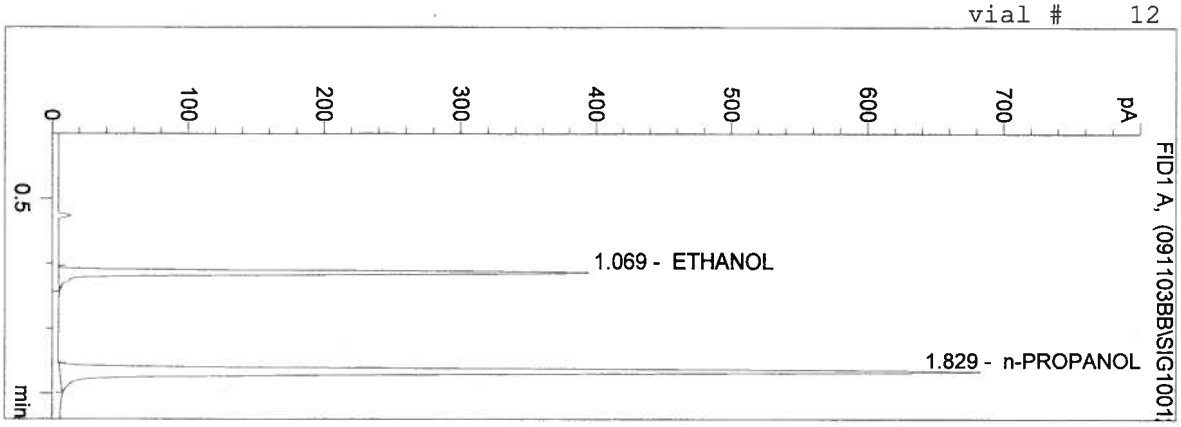
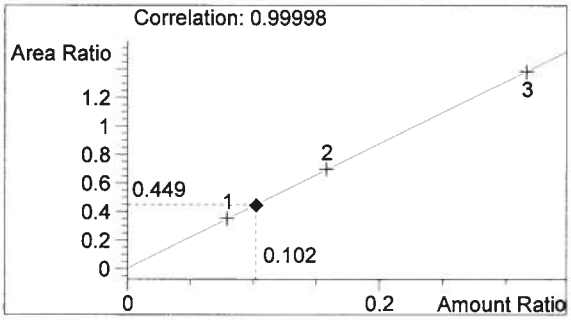
09050 #3-BB
Brittany Ball

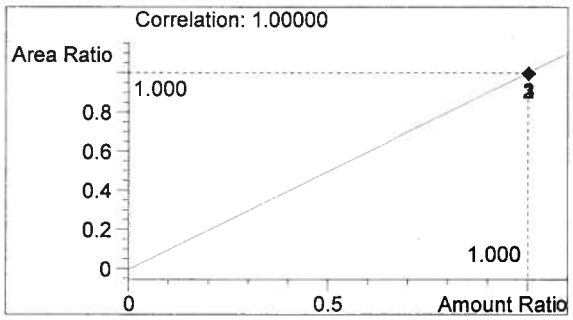
vial # 12



#	Compound	Area	RT
1	ETHANOL	877	1.069
2	n-PROPANOL	1953	1.829
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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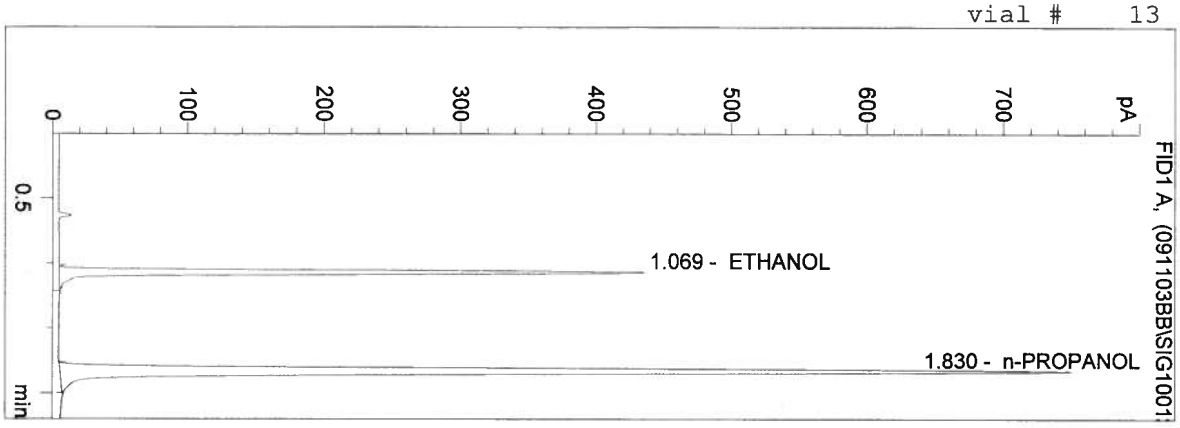
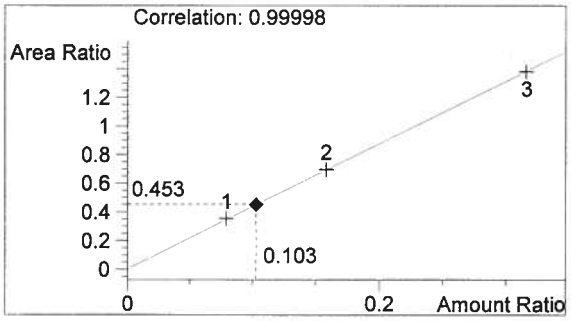
Instrument 3
db-alc2

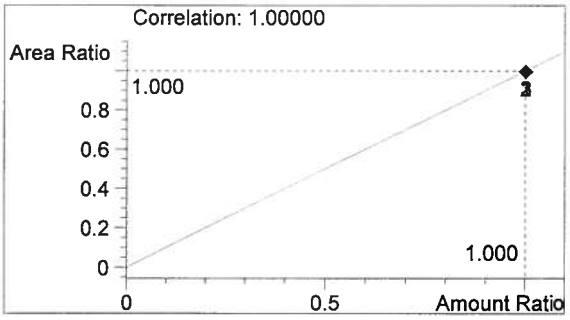
09050 #4-BB
Brittany Ball
vial # 13



#	Compound	Area	RT
1	ETHANOL	972	1.069
2	n-PROPANOL	2144	1.830
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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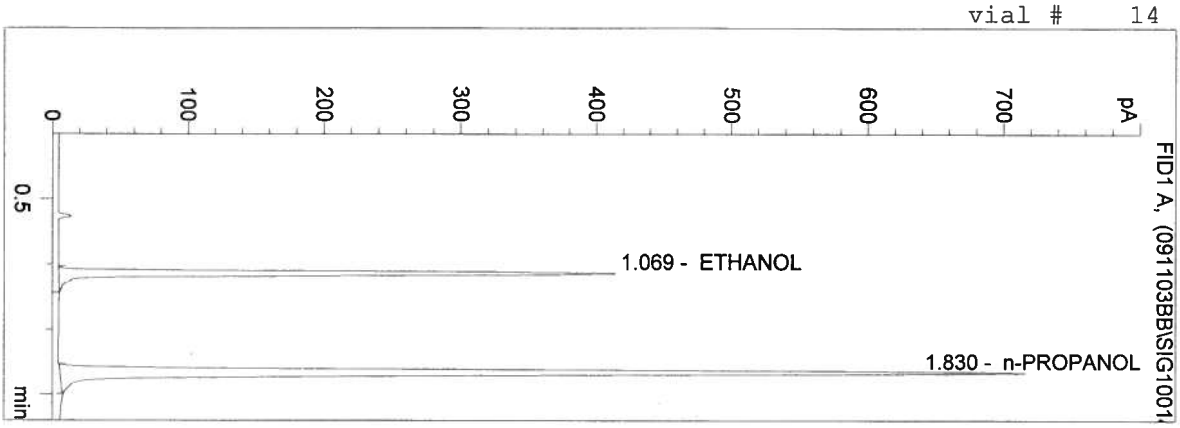
Instrument 3
db-alc2

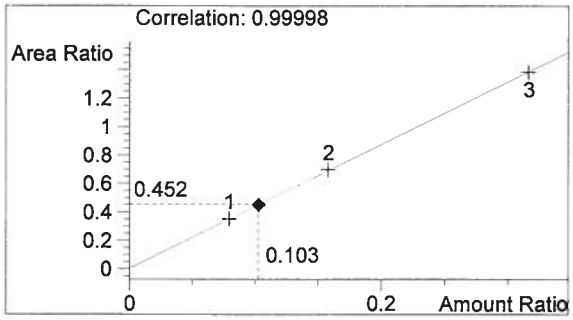
09050 #5-BB
Brittany Ball

vial # 14

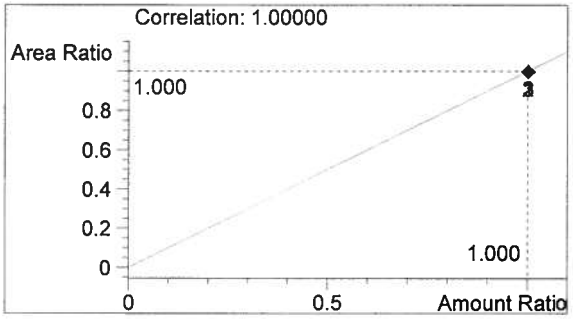


#	Compound	Area	RT
1	ETHANOL	925	1.069
2	n-PROPANOL	2046	1.830

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

60

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
db-alc2

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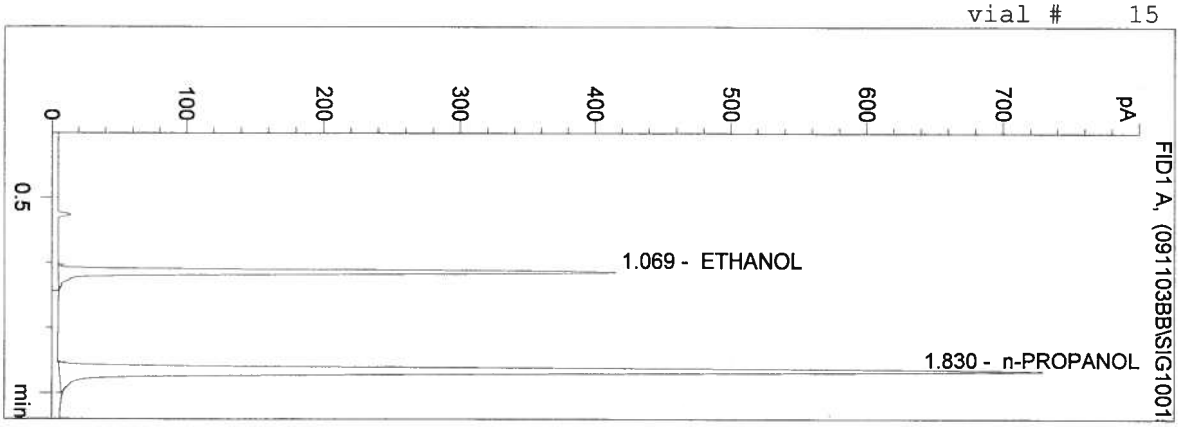
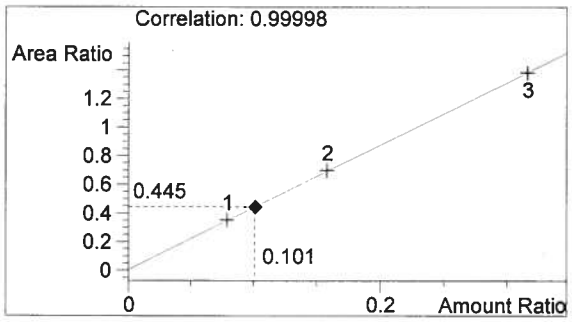
Brittany Ball

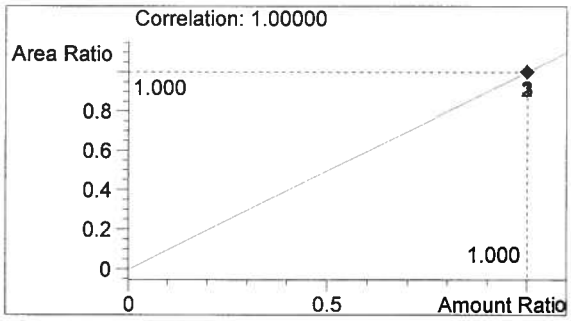
vial # 15



#	Compound	Area	RT
1	ETHANOL	929	1.069
2	n-PROPANOL	2089	1.830
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

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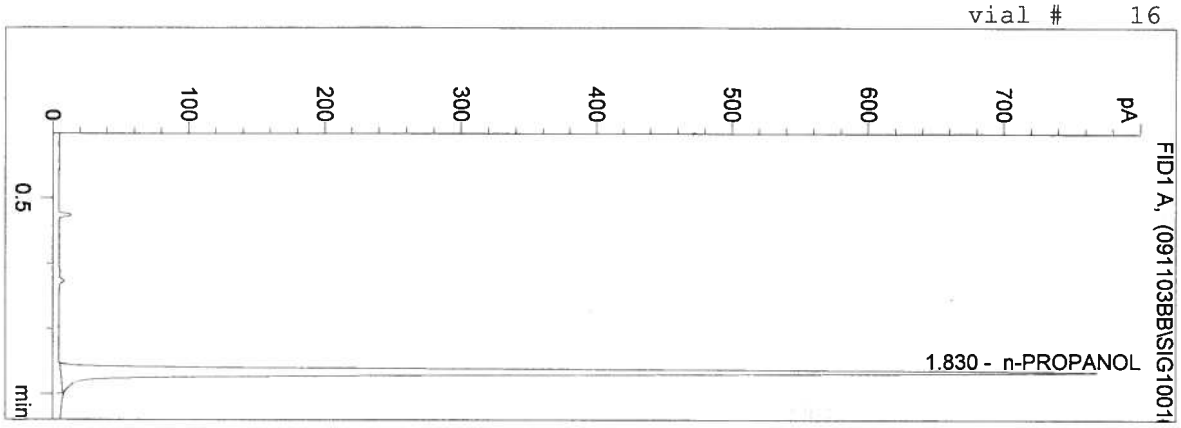
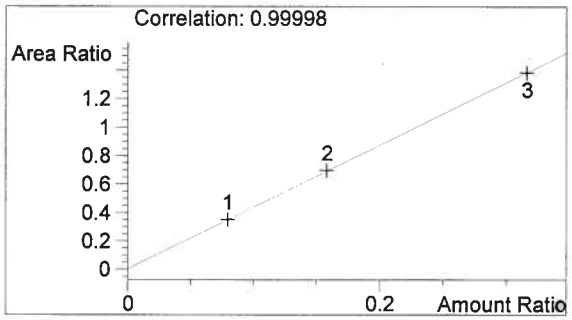
Brittany Ball

vial # 16

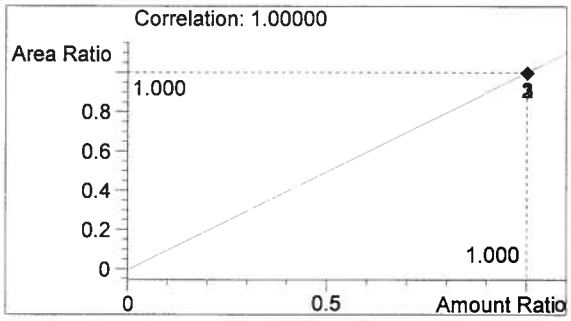


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2198	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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09050

Washington State Patrol Toxicology Laboratory Division

EXTERNAL STANDARD SOLUTION PREPARATION WORKSHEET

Batch #: 09050

Preparer: Chris Johnston

Date Prepared: 10/27/09

Expiration Date: 10/27/10

Lot 200 Proof (100%) Ethanol Used: XV 3014

Date 200 Proof Ethanol Opened: 10·2·09
(Ethanol standard is approved for use for 6 months after opening unless an extension is approved by the State Toxicologist.)

- 52 L Deionized Water ☑
- 66.5 mL 200-proof ethanol ☑
- Stir Bar is Rotating ☑
- Stirred for at least 2 hours ☑
- Spigot Purged ☑
- Aliquot Taken ☑
- Batch Labeled, Packaged and Sealed ☑ — 10/28/09 Date

Analyst — 10/28/09 Date