Notice of Simulator Solution File Review

At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution data entry form along with a file review record and the chromatograms generated by the Toxicology Laboratory during the analyses of the solutions. This file has been reviewed by Tpr. Ken Denton and Mr. Rod Gullberg for accuracy and completeness. Where computations regarding simulator solution values have been found to be incorrect, the corrected values have been written in by Mr. Rod Gullberg along with initials and date. The corrected values were then evaluated to ensure that the solution still conformed to those standards established by the State Toxicologist.

Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear on their original affidavit along with a statement regarding their review of the results.

Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.

K.L. Denton 9/28/2007

Tpr. Ken Denton Date

Rod Gullberg 9-28-07

Rod G. Gullberg Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROB GULLBERG Date 9-27-07

Location TOX LAB SEATTLE Batch Number 07031

Form Review Criteria

Preparation date precedes all analysis dates: Okay X Not Okay ___

Data entry corresponds to all chromatograms: Okay X Not Okay ___

All signatures present: Okay X Not Okay ___

Computations:

Avg. solution concentration: Correct X Not Correct ___

Standard deviation: Correct X Not Correct ___

Range: Correct X Not Correct ___

Precision: Correct X Not Correct ___

Equivalent vapor concent.: Correct X Not Correct ___

External Control Information
(lot # and future date): Correct X Not Correct ___

Complies with accuracy and precision requirements established by the State Toxicologist: Yes X No ___

Corrections Necessary:

CHRIS JOHNSTON NEEDS TO DATE AFFIDAVIT

Comments:

Reviewer Signature: [signature] Date: 9-27-07

Reviewer Signature: [signature] Date: 9/27/2007

9/26/2007

WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
WASHINGTON STATE PATROL
2203 AIRPORT WAY S, SUITE 360
SEATTLE, WASHINGTON 98134-2027
(206) 262-6100 FAX (206) 262-6145

Preparation and certification of **0.08** g/210L Simulator External Standard solution

Batch number **07031** Date: 8/23/2007

Preparation: 66.5 mL of absolute ethyl alcohol diluted to 52 Liters with water

Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12	Anal 13	Anal14	Anal 15	Anal 16
1	0.100	0.100	0.101	0.099	0.101	0.101	0.100	0.103	0.101	0.101	0.099	0.102	0.102	0.102		
2	0.099	0.100	0.101	0.099	0.101	0.100	0.101	0.104	0.101	0.102	0.101	0.101	0.102	0.103		
3	0.099	0.100	0.102	0.099	0.101	0.102	0.101	0.105	0.101	0.102	0.100	0.101	0.103	0.101		
4	0.102	0.100	0.101	0.101	0.102	0.101	0.101	0.104	0.101	0.101	0.101	0.101	0.103	0.103		
5	0.100	0.100	0.101	0.100	0.101	0.101	0.101	0.103	0.101	0.102	0.101	0.101	0.103	0.102		
Ctrl	0.098	0.099	0.099	0.099	0.098	0.099	0.099	0.099	0.099	0.099	0.098	0.098	0.101	0.100		

Statistics:

Avg. solution concent.: 0.1012 g/100 mL

SD: 0.00124

Precision CV (%): 1.2281 %

External Control:

Lot #: a048730 Exp date: 07/2011

Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.0823 g/210L

Analyst	Name	Signature	Date
1	Sarah M Swenson		08/23/2007
2	Brittany Ball	Brittany Ball	08/24/2007
3	Brian Capron		08/28/2007
4	Asa Louis		08/28/2007
5	Lisa Noble	Lisa Noble	08/28/2007
6	Brianne Akins		08/29/2007
7	Amanda Black		08/29/2007
8	Estuardo J. Miranda		08/29/2007
9	Naziha Nuwayhid, PhD		08/30/2007
10	Rebecca Flaherty		08/31/2007
11	Justin L Knoy		09/04/2007
12	Brianna Peterson	Brianna Peterson	09/12/2007
13	Melissa Pemberton		09/17/2007
14	Christopher S Johnston		08/24/2007
15			
16			

Prepared by: Sarah M Swenson according to the approved protocol

ver 08/07/2007

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

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

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

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

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

9/27/07

Sarah M Swenson Date
Forensic Toxicologist

SS/jr
SSSIMSOL

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

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.

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

Brittany Ball 9/27/07
Brittany Ball Date
Forensic Toxicologist

BB/jr
BBSIMSOL

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

I, Brian Capron, 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 eleven years of experience in forensic toxicology.

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

Brian Capron 9.27.07
Brian Capron Date
Forensic Toxicologist

BC/jr
BCSIMSOL

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

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 simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

2007 Sep 26

Asa J. Louis Date
Forensic Toxicologist

AJL/jr
AJLSIMSOL

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

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 two years laboratory experience in formulation chemistry.

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

Lisa Noble 9/27/07
Lisa Noble Date
Forensic Toxicologist

LRN/jr
LPSIMSOL

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

I, Brianne E. Akins, 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.

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

Brianne E Akins 9·27·07
Brianne E. Akins Date
Forensic Toxicologist

BEA/jr
BLSIMSOL

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

I, Amanda M. Black, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degrees in Chemistry and Veterinary Science.

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

9-27-07

Amanda M. Black Date
Forensic Toxicologist

AB/jr
ABSIMSOL

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

I, Estuardo J. Miranda, 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 of Science in Chemistry, Master of Science in Zoology and nine years experience in Forensic Toxicology.

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

E Miranda 9-26-2007

Estuardo J. Miranda Date
Forensic Toxicologist

EM/jr
EMSIMSOL

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JOHN R. BATISTE
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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

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

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

Naziha Nuwayhid, Ph.D. Date 9/27/07
Forensic Toxicologist

NN/jr
NNSIMSOL

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

I, Rebecca Flaherty, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

09/26/07

Rebecca Flaherty Date
Forensic Toxicologist

RF/jr
RFSIMSOL

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JOHN R. BATISTE
Chief

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

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 simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

9-27-07

Justin L. Knoy Date
Forensic Toxicologist

JLK/jr
JKSIMSOL

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JOHN R. BATISTE
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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

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

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

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

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

Brianna Peterson 9-26-07
Brianna Peterson Date
Forensic Toxicologist

BP/jr
BPSIMSOL

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JOHN R. BATISTE
Chief

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

I, Melissa L. Pemberton, 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: Bachelors degree in Microbiology and over fifteen years of experience as a forensic toxicologist.

The simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

Melissa L. Pemberton 9/27/07
Melissa L. Pemberton Date
Forensic Toxicologist

MP/jr
MPSIMSOL

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION FOR LOT 07031

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 simulator solution, Lot Number 07031, was prepared in the Washington State Toxicology Laboratory on 8/23/2007. 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 8/23/2008.

Seattle, WA

9-28-07

Christopher S. Johnston Date
Forensic Toxicologist

CSJ/jr
CJSIMSOL

07031

Batch Worksheet Checkoff

When the chromatograms print out please check, initial, and date them all.

If you re-dilute and re-run the solution, please put a single line through the pages that are not going to be used and leave it in the folder.

Please check the data entered into the worksheet is correct and that the date to the right of your name is the date that you tested the solution and then sign the worksheet.

Please initial below to affirm that you have:

1 – Initialed and dated your chromatograms
2 – Checked your data
3 – Checked the date to the right of your name on the worksheet
4 – Signed the worksheet.

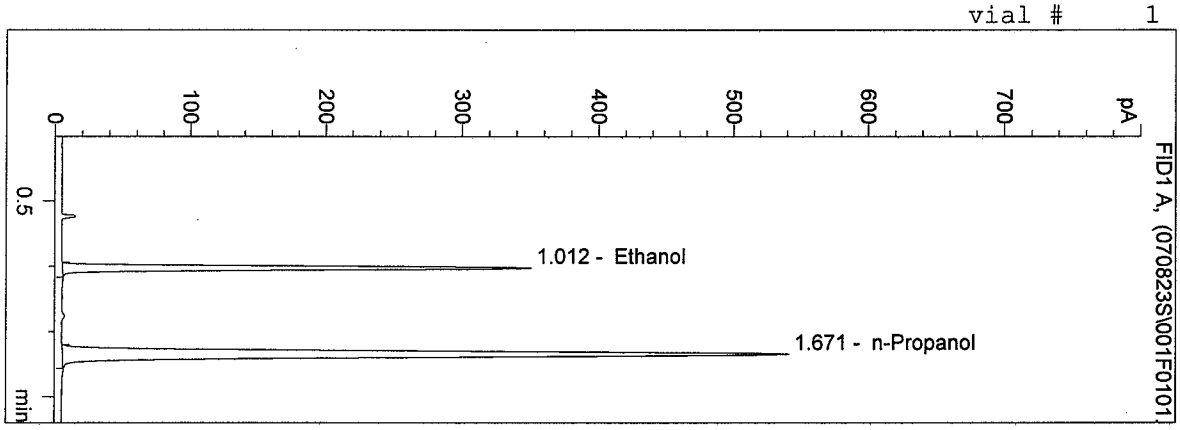
	Initials	Date
Brianne Akins	BCA	9.17.07
Brittany Ball	BB	9/26/07
Amanda Black	OSB	9-25-07
Brian Capron	BC	9.26.07
Rebecca Flaherty	RF	9.26.07
Ed Formoso		
Christopher Johnston	[illegible]	9.26.07
Justin Knoy	JK	9-25-07
Asa Louis	AL	20070925
Estuardo Miranda	EM	9.25-07
Christie Mitchell		
Lisa Noble	[illegible]	9/25/07
Naziha Nuwayhid	NN	9-25-07
Melissa Pemberton	[illegible]	9-26-07
Brianna Peterson	BP	9.25.07
Sarah Swenson	SMS	9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2007 2:00:17 PM
Instrument 4
DB-ALC1

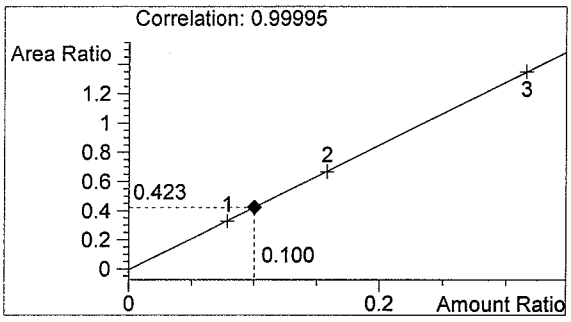
07031-1
Sarah Swenson

vial # 1

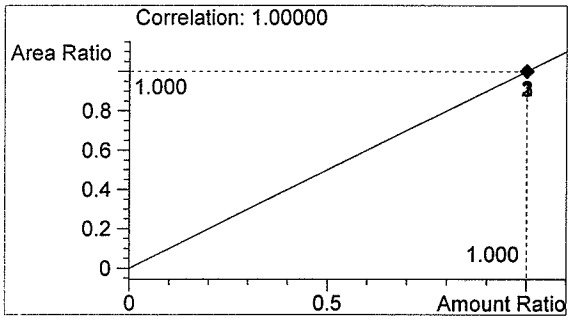


#	Compound	Area	RT
1	Ethanol	718	1.012
2	n-Propanol	1696	1.671

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

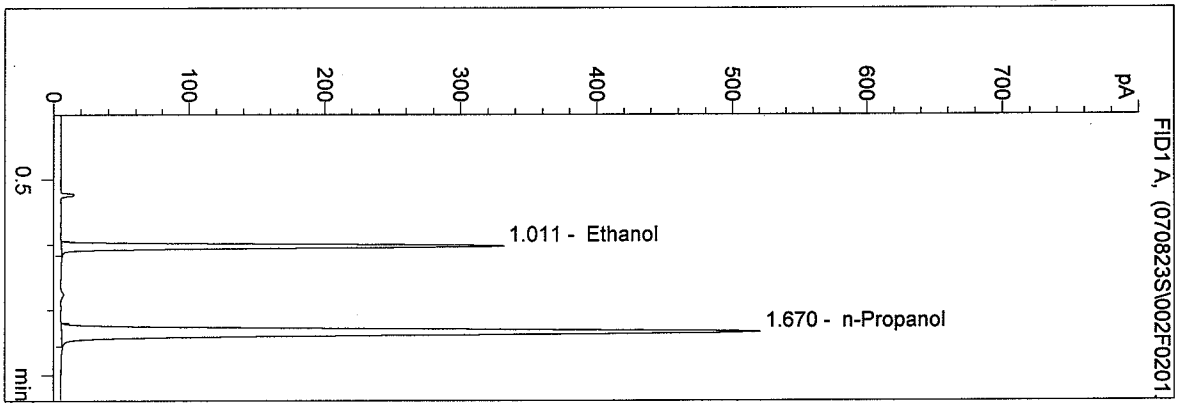
CAL. IN CASE FILE 0706526. SMS 9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2007 2:03:34 PM
Instrument 4
DB-ALC1

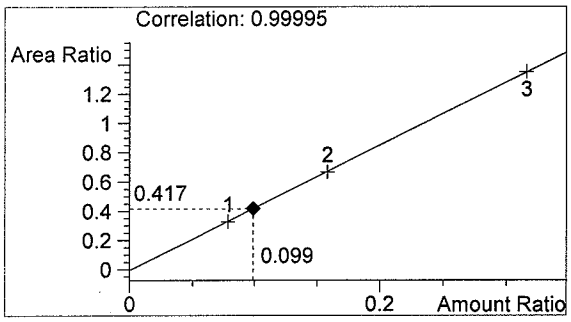
07031-2
Sarah Swenson

vial # 2

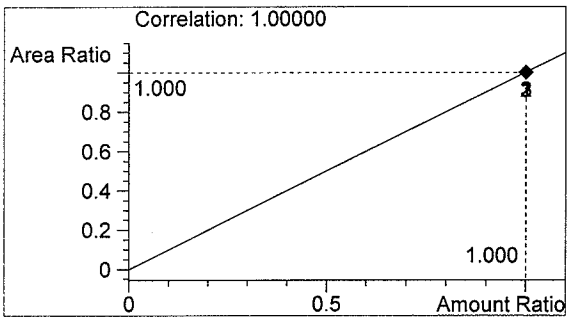


#	Compound	Area	RT
1	Ethanol	682	1.011
2	n-Propanol	1633	1.670

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

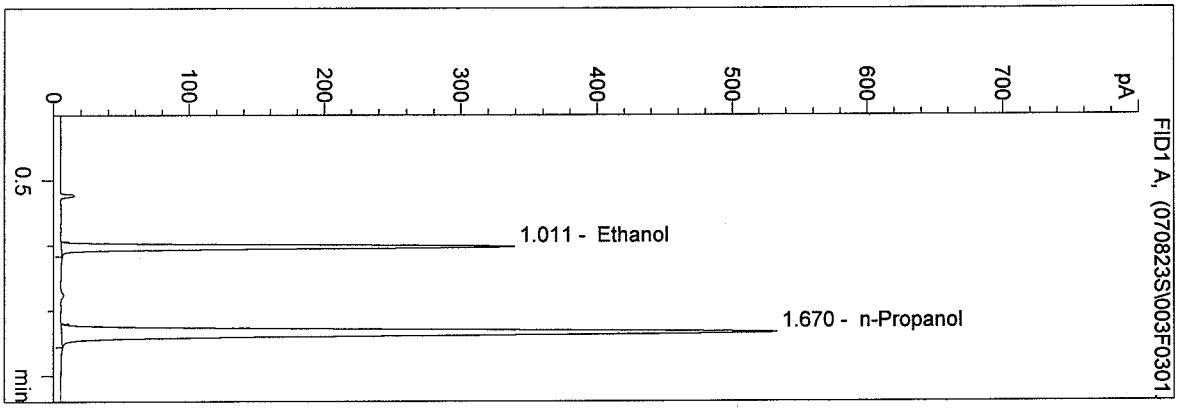
SMS
9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2007 2:06:50 PM
Instrument 4
DB-ALC1

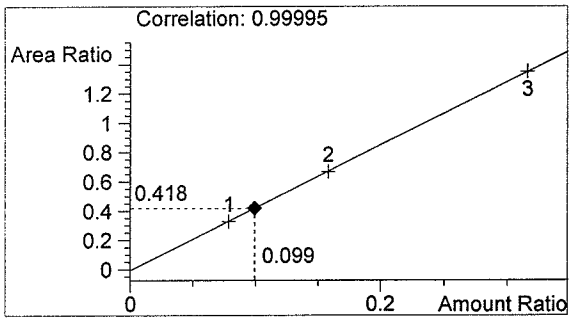
07031-3
Sarah Swenson

vial # 3

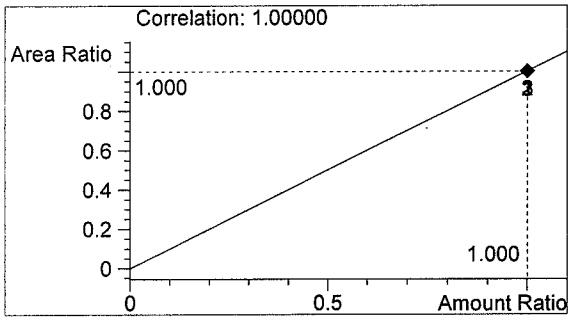


#	Compound	Area	RT
1	Ethanol	699	1.011
2	n-Propanol	1670	1.670

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

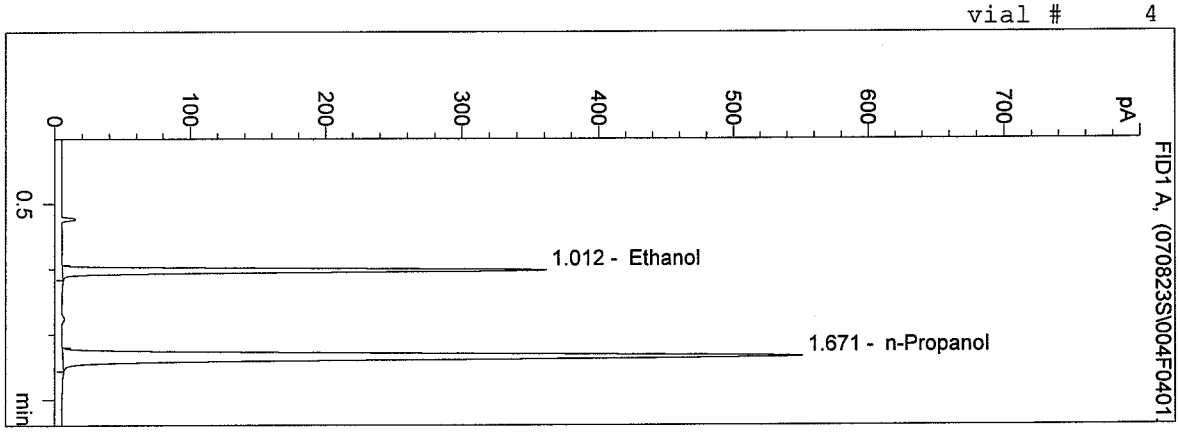
SMS
9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2007 2:10:02 PM
Instrument 4
DB-ALC1

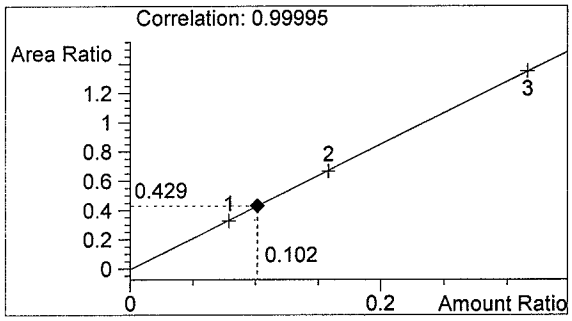
07031-4
Sarah Swenson

vial # 4

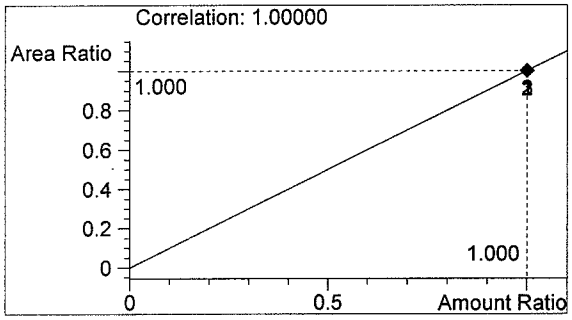


#	Compound	Area	RT
1	Ethanol	739	1.012
2	n-Propanol	1724	1.671

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

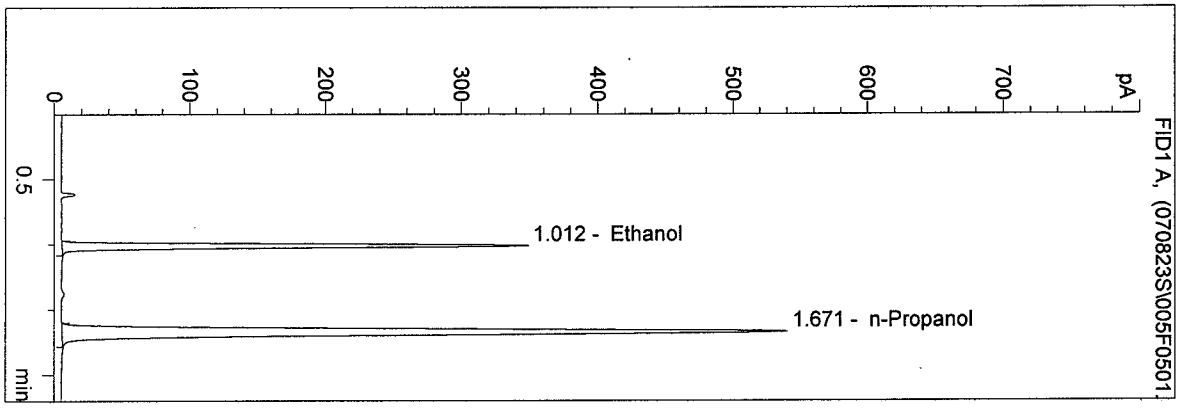
SMS
9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2007 2:13:16 PM
Instrument 4
DB-ALC1

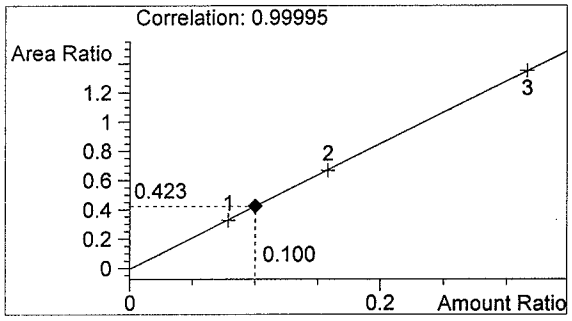
07031-5
Sarah Swenson

vial # 5

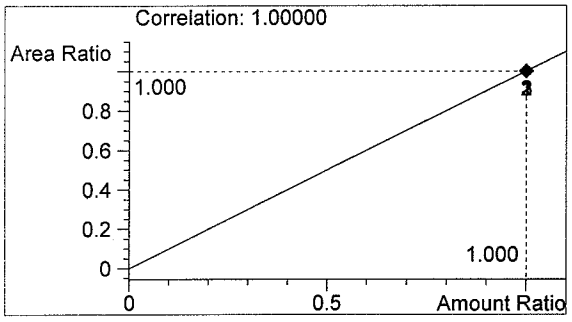


#	Compound	Area	RT
1	Ethanol	716	1.012
2	n-Propanol	1693	1.671

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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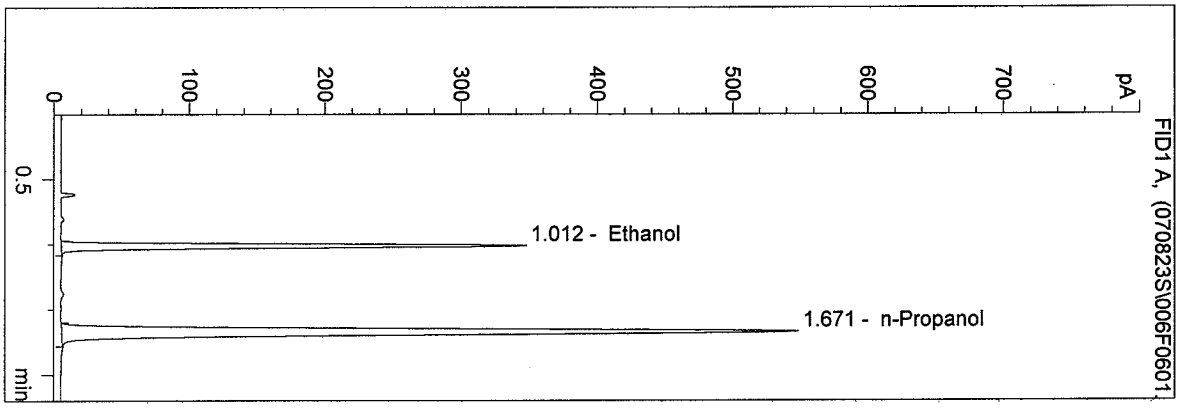
D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2007 2:16:36 PM
Instrument 4
DB-ALC1

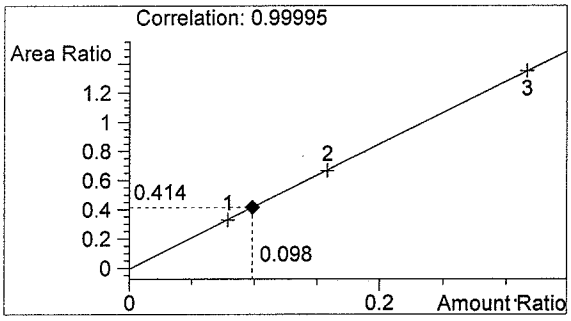
0.10 CTL-SS
Sarah Swenson

vial # 6

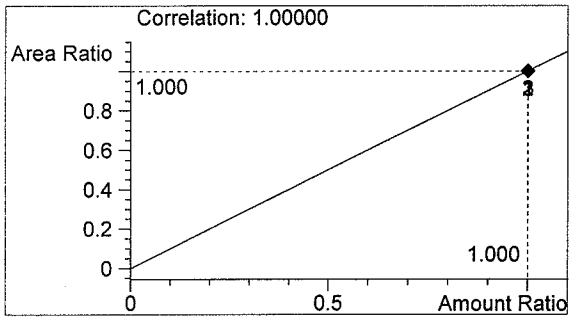


#	Compound	Area	RT
1	Ethanol	711	1.012
2	n-Propanol	1715	1.671

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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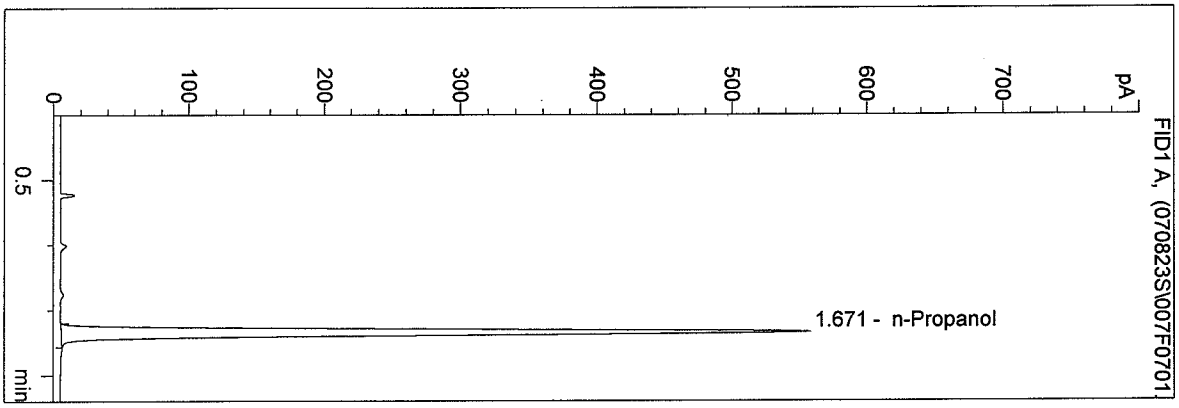
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2007 2:21:56 PM
Instrument 4
DB-ALC1

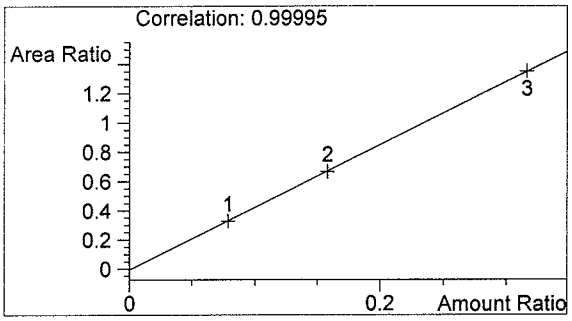
BLANK
Sarah Swenson

vial # 7

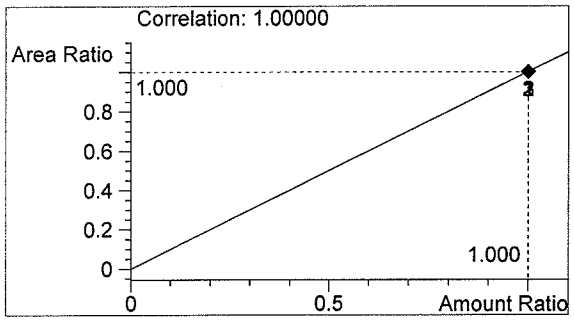


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1744	1.671

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Sequence Parameters:

Operator:	BBALL
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:	070823BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

BB 9/26/07

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO3	1	Calib		
5	Vial 5	BLANK	BLDALCO3	1	Sample		
6	Vial 6	0.04 CONTROL-BB	BLDALCO3	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BB	BLDALCO3	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BB	BLDALCO3	1	Ctrl Samp		
9	Vial 9	BLANK	BLDALCO3	1	Sample		
10	Vial 10	SIM07031A-BB	BLDALCO3	1	Sample		
11	Vial 11	SIM07031B-BB	BLDALCO3	1	Sample		
12	Vial 12	SIM07031C-BB	BLDALCO3	1	Sample		
13	Vial 13	SIM07031D-BB	BLDALCO3	1	Sample		
14	Vial 14	SIM07031E-BB	BLDALCO3	1	Sample		
15	Vial 15	0.10 CONTROL-BB	BLDALCO3	1	Ctrl Samp		
16	Vial 16	BLANK	BLDALCO3	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

Calibration Table

ETOH CALIBRATION

Calib. Data Modified : Friday, August 24, 2007 9:25:49 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 0.200 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.200 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : Floating Average New 99%
Average Retention Time: Floating Average New 99%

BB
9/26/07

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

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

ISTD #	ISTD Amount [g/100ml]	Name
1	1.00000	n-PROPANOL

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100ml]	Area	Amt/Area	Ref	Grp	Name
1.064	1	1	7.90000e-2	596.89764	1.32351e-4		1	ETHANOL
		2	1.58000e-1	1237.04028	1.27724e-4			
		3	3.16000e-1	2467.43726	1.28068e-4			
1.823	1	1	1.00000	1708.60388	5.85273e-4	I1		n-PROPANOL
		2	1.00000	1690.04016	5.91702e-4			
		3	1.00000	1689.89587	5.91752e-4			

Peak Sum Table

No Entries in table

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Calibration Curves

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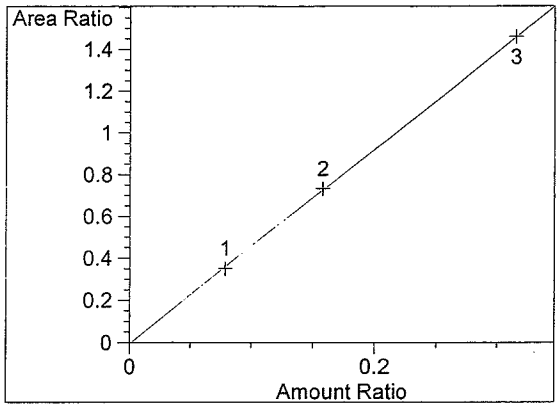
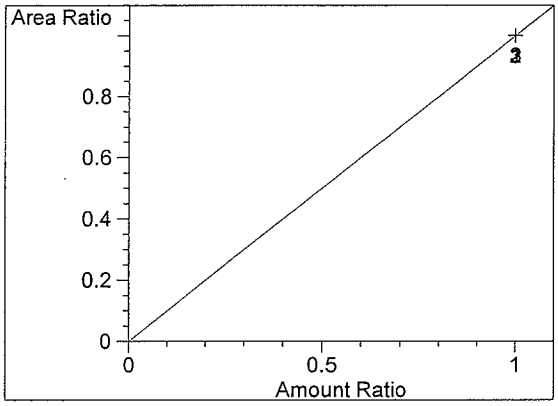


ETHANOL at exp. RT: 1.064
FID1 A,
Correlation: 0.99992
Residual Std. Dev.: 0.00962
Formula: y = mx + b
m: 4.63831
b: -5.89131e-3
x: Amount Ratio
y: Area Ratio



n-PROPANOL at exp. RT: 1.823
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

BB
9/26/07

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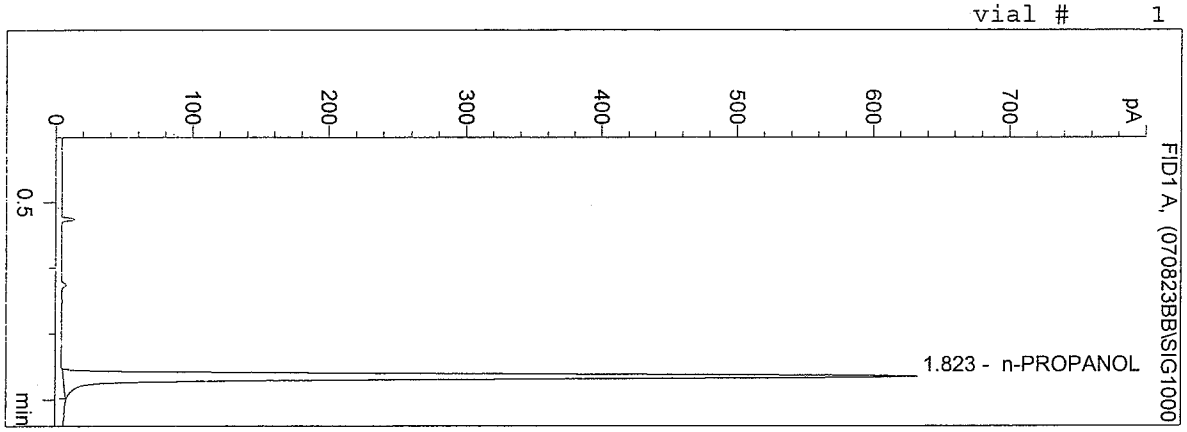
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/24/2007 9:14:15 AM
Instrument 3
db-alc2

BLANK
BBALL

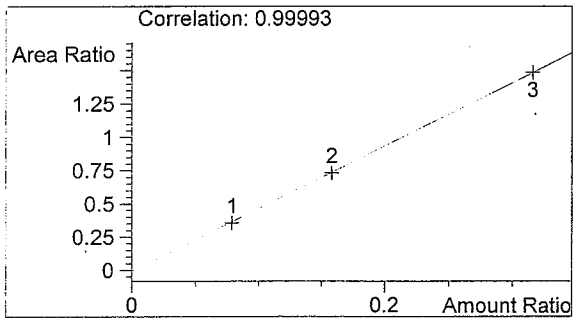
vial # 1



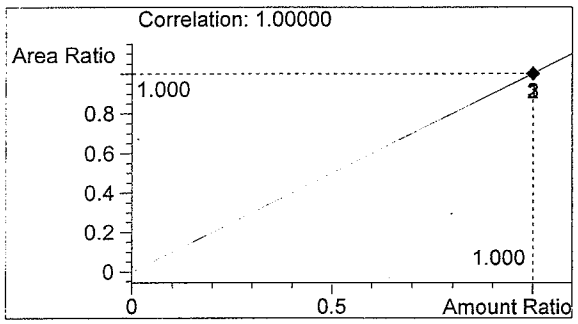
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1746	1.823

Totals:

BB 9/26/07



ETHANOL 0.000 g/100ml



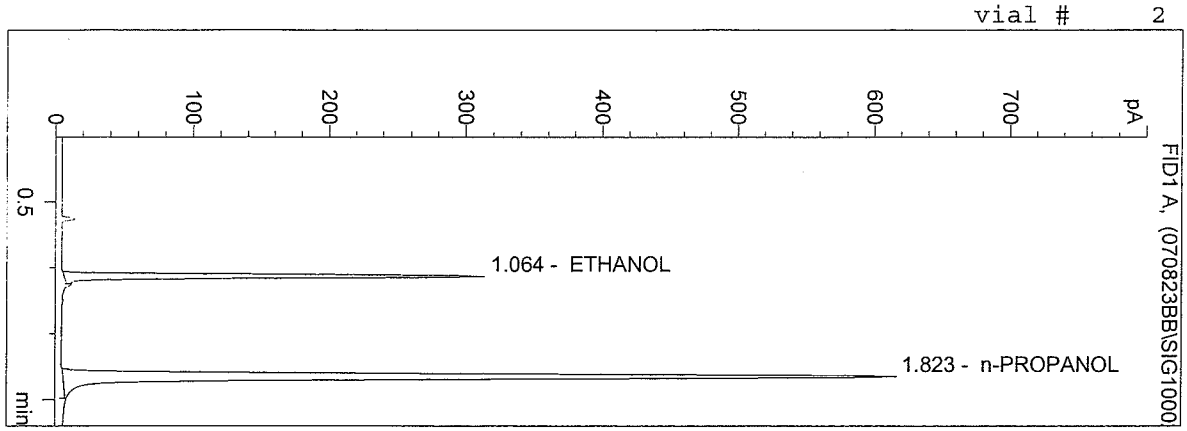
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/24/2007 9:17:22 AM
Instrument 3
db-alc2

0.079 CAL
BBALL

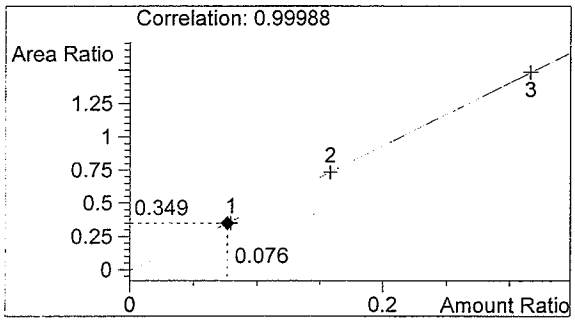
vial # 2



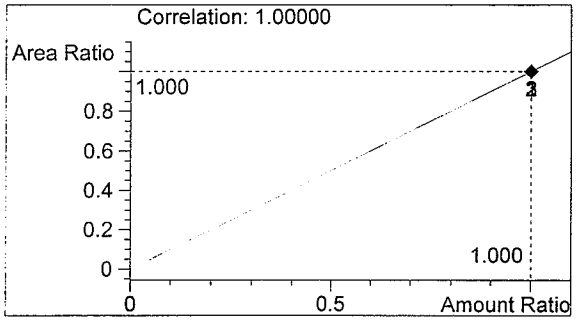
#	Compound	Area	RT
1	ETHANOL	597	1.064
2	n-PROPANOL	1709	1.823

Totals:

BB
9/26/07



ETHANOL 0.076 g/100ml



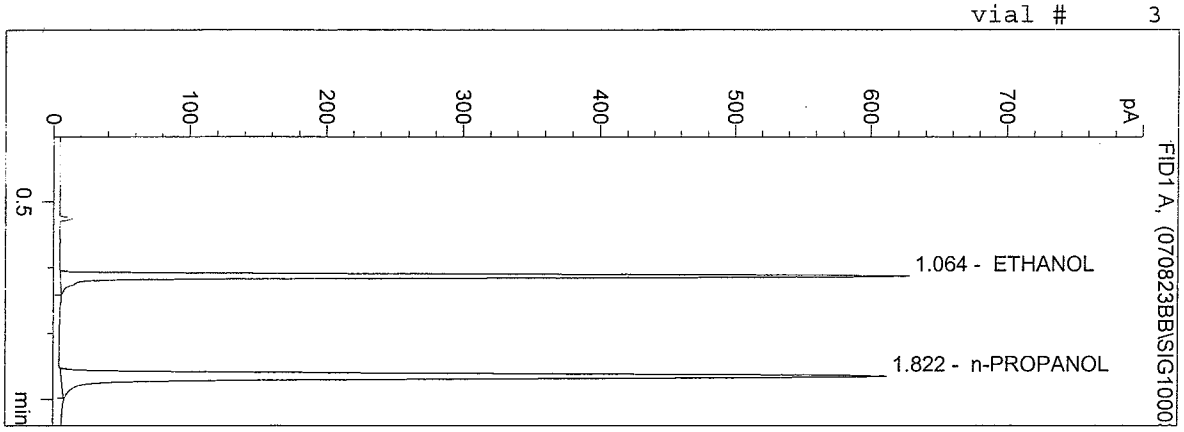
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/24/2007 9:20:29 AM
Instrument 3
db-alc2

0.158 CAL
BBALL

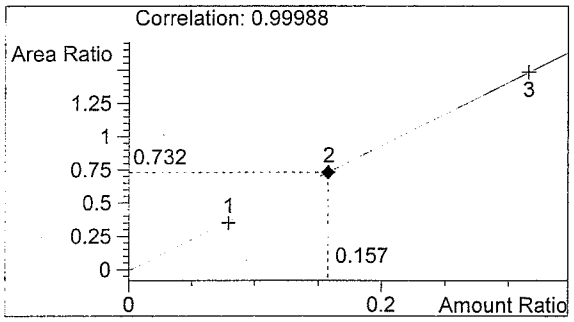
vial # 3



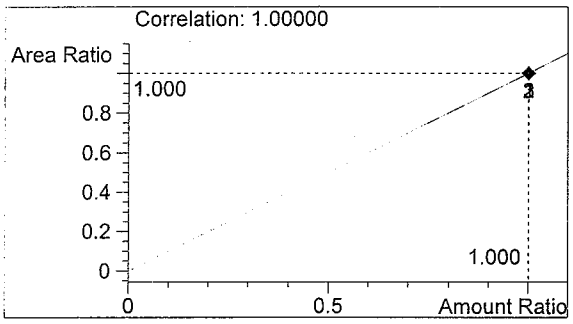
#	Compound	Area	RT
1	ETHANOL	1237	1.064
2	n-PROPANOL	1690	1.822

Totals:

BB 9/26/07



ETHANOL 0.157 g/100ml



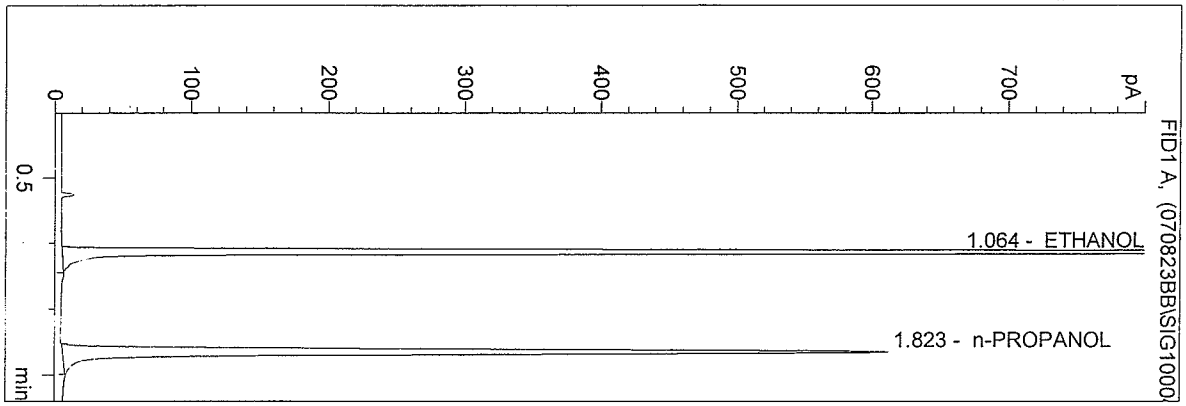
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/24/2007 9:23:36 AM
Instrument 3
db-alc2

0.316 CAL
BBALL

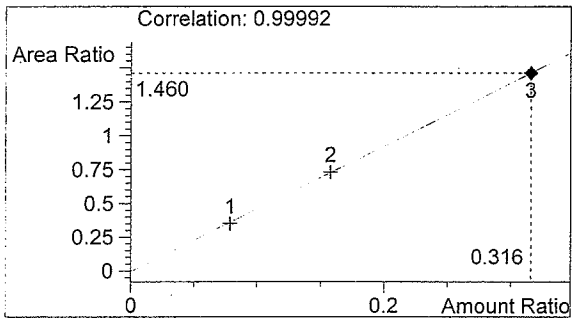
vial # 4



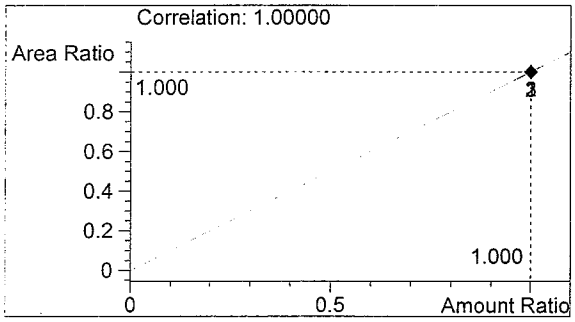
#	Compound	Area	RT
1	ETHANOL	2467	1.064
2	n-PROPANOL	1690	1.823

Totals:

BB
9/26/07



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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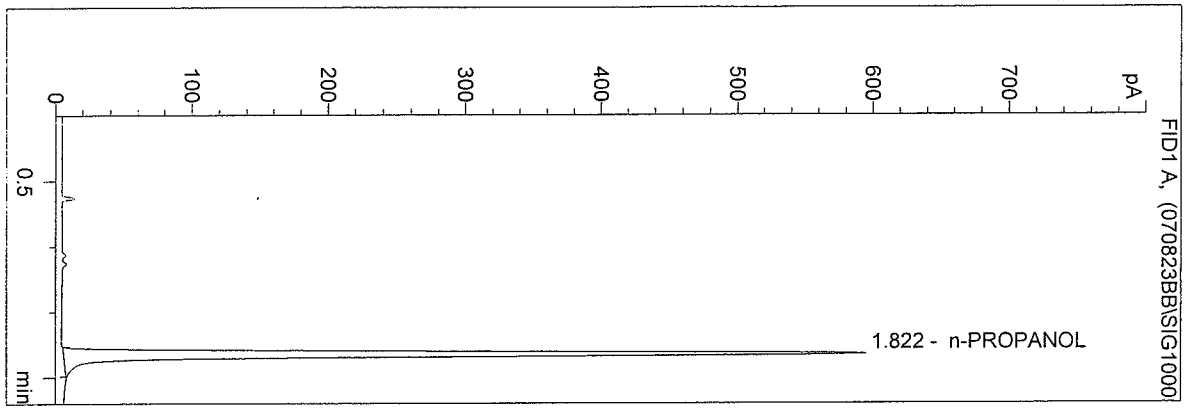
8/24/2007 9:26:43 AM
Instrument 3
db-alc2

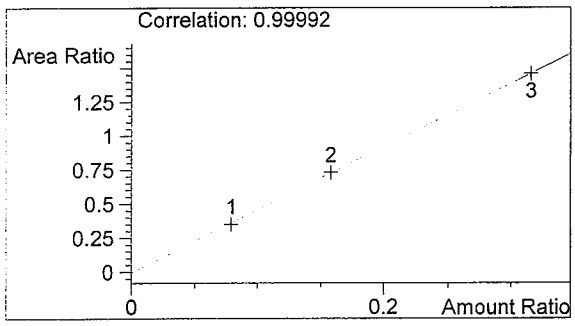
BLANK
BBALL

vial # 5

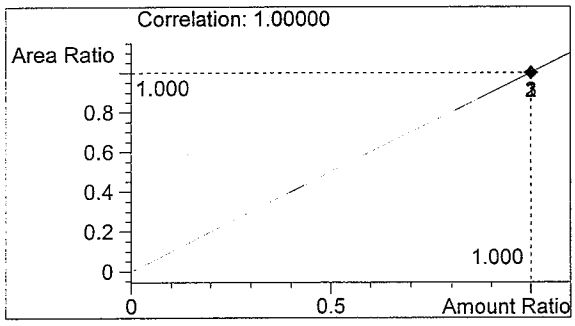


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1643	1.822
Totals:			

BB
9/26/07



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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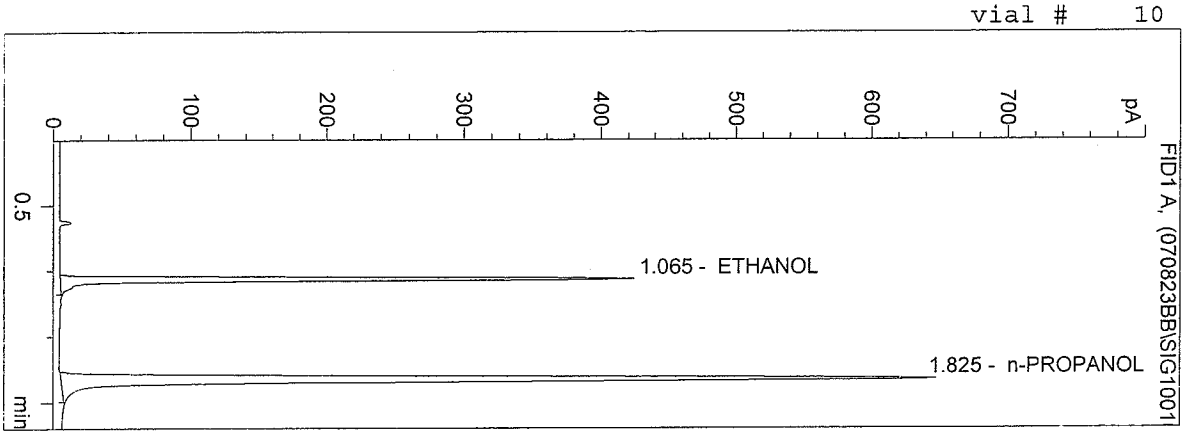
8/24/2007 9:42:19 AM
Instrument 3
db-alc2

SIM07031A-BB
BBALL

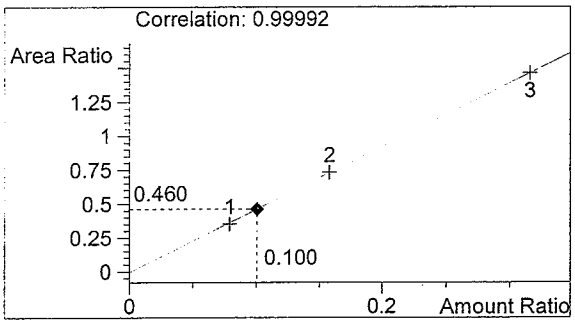
vial # 10



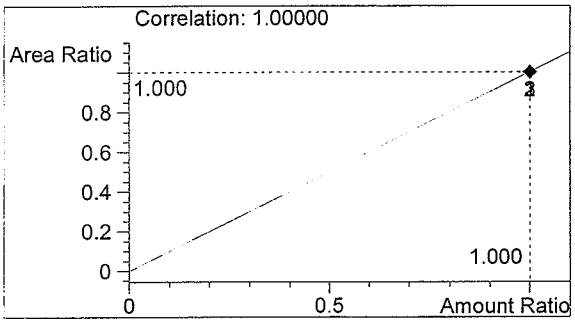
#	Compound	Area	RT
1	ETHANOL	819	1.065
2	n-PROPANOL	1780	1.825

Totals:

BB 9/26/07



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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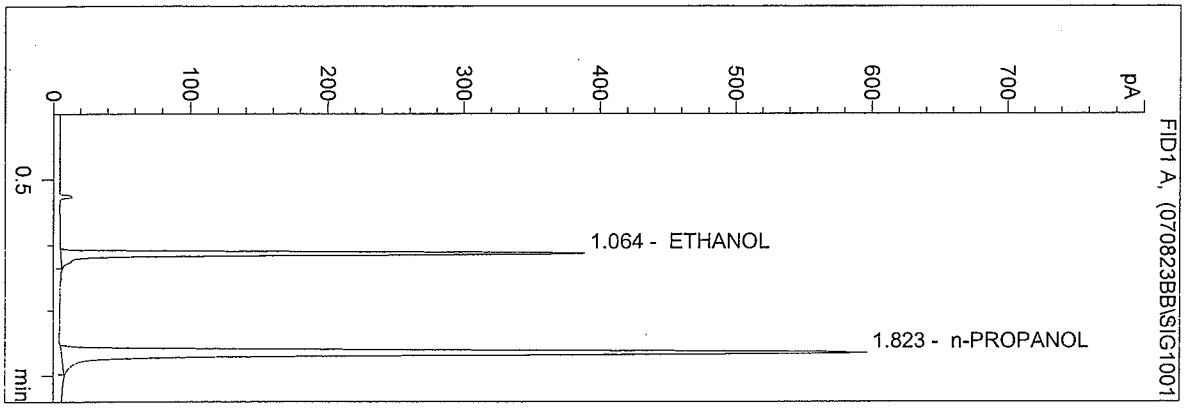
8/24/2007 9:45:26 AM
Instrument 3
db-alc2

SIM07031B-BB
BBALL

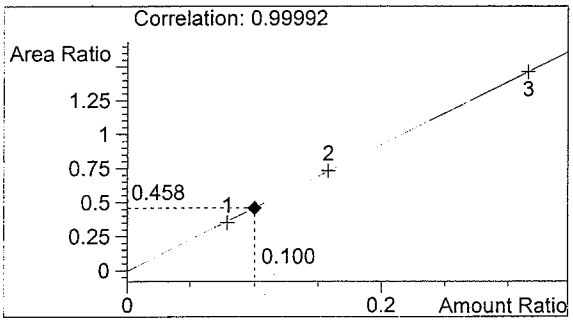
vial # 11



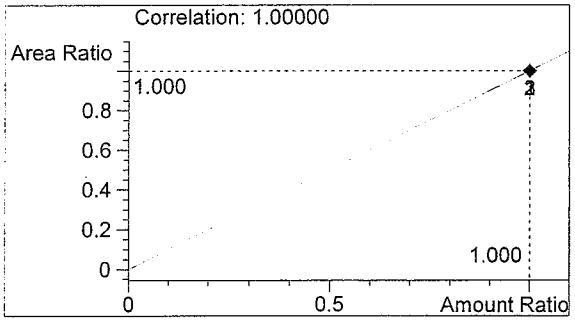
#	Compound	Area	RT
1	ETHANOL	749	1.064
2	n-PROPANOL	1638	1.823

Totals:

BB 9/26/07



ETHANOL 0.100 g/100ml



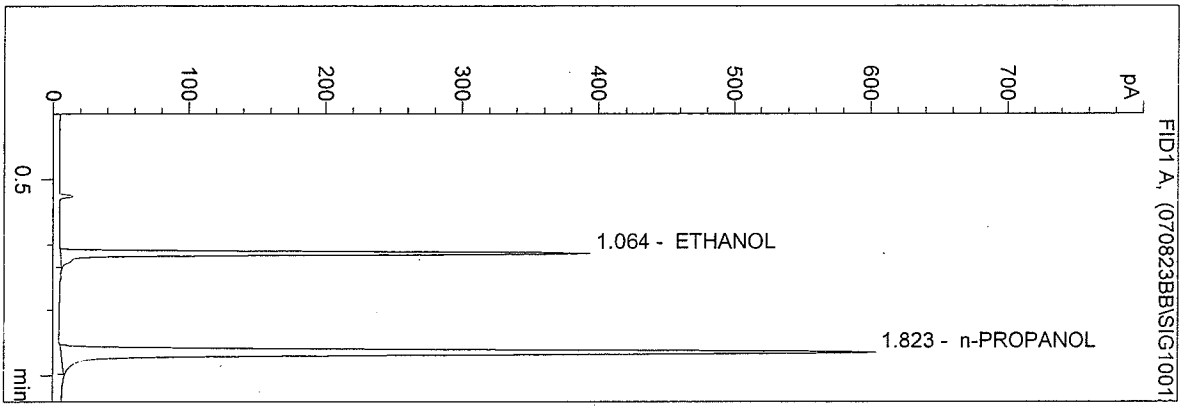
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/24/2007 9:48:33 AM
Instrument 3
db-alc2

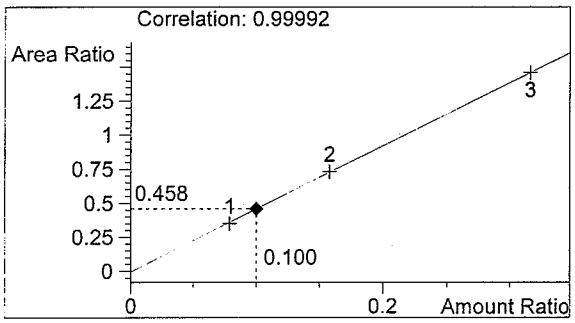
SIM07031C-BB
BBALL

vial # 12

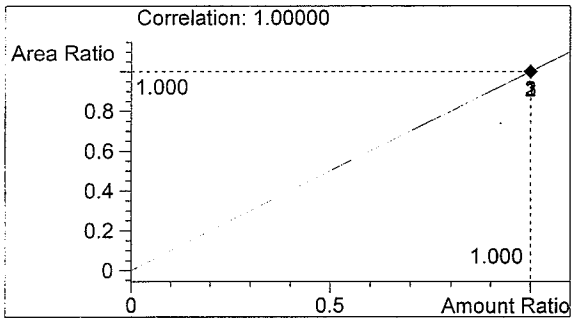


#	Compound	Area	RT
1	ETHANOL	759	1.064
2	n-PROPANOL	1658	1.823
Totals:			

BB
9/26/07



ETHANOL 0.100 g/100ml



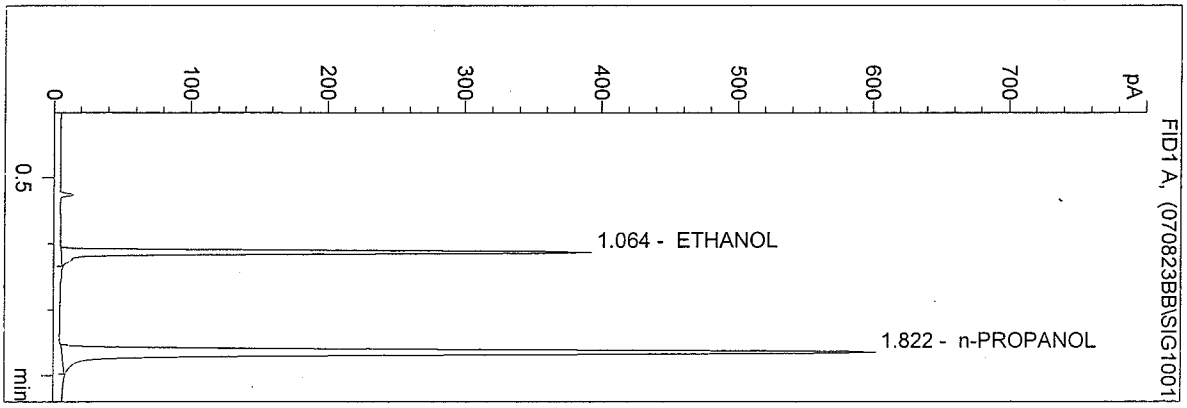
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/24/2007 9:51:40 AM
Instrument 3
db-alc2

SIM07031D-BB
BBALL

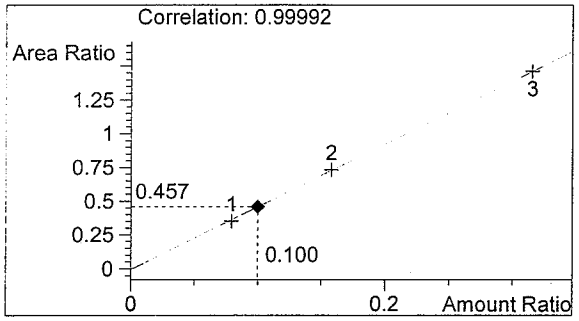
vial # 13



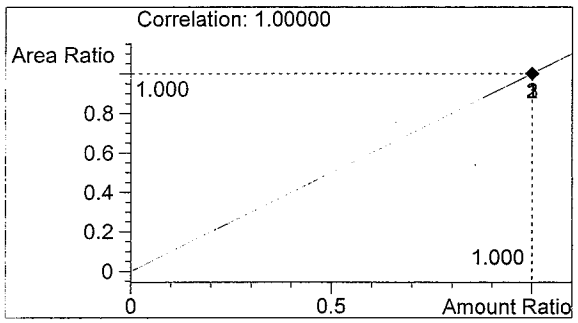
#	Compound	Area	RT
1	ETHANOL	758	1.064
2	n-PROPANOL	1657	1.822

Totals:

BB
9/26/07



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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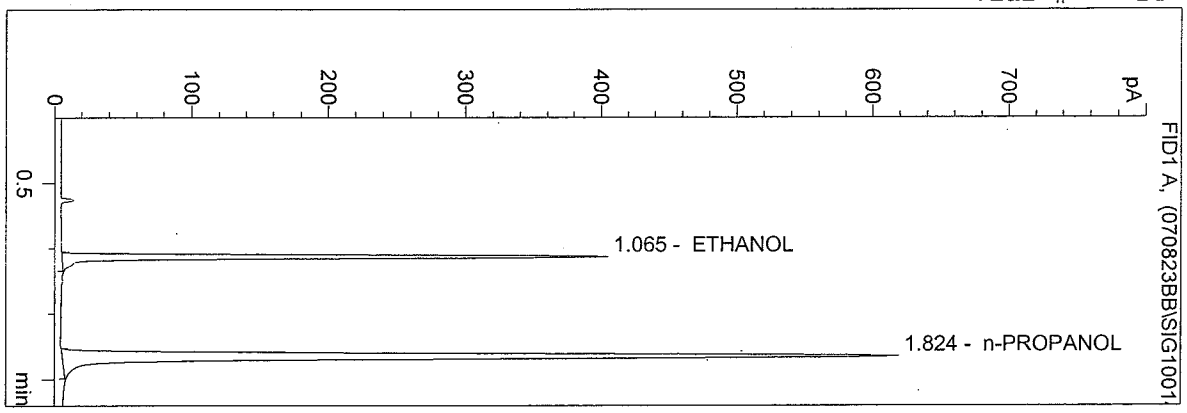
Instrument 3
db-alc2

SIM07031E-BB
BBALL

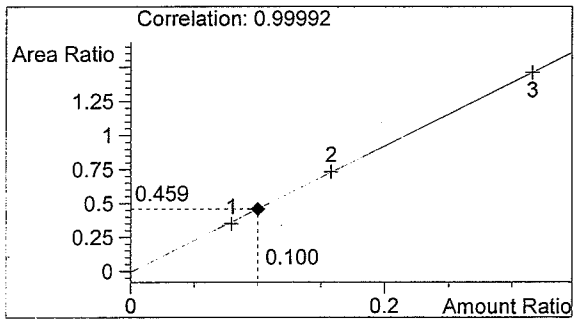
vial # 14



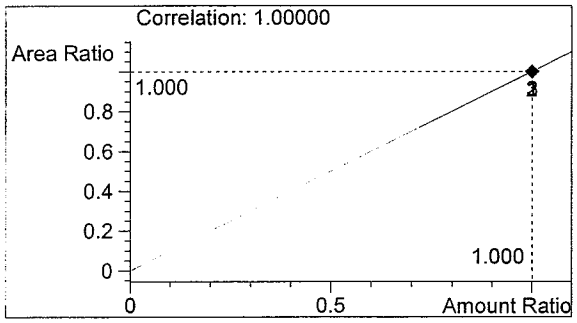
#	Compound	Area	RT
1	ETHANOL	784	1.065
2	n-PROPANOL	1707	1.824

Totals:

BB 9/26/07



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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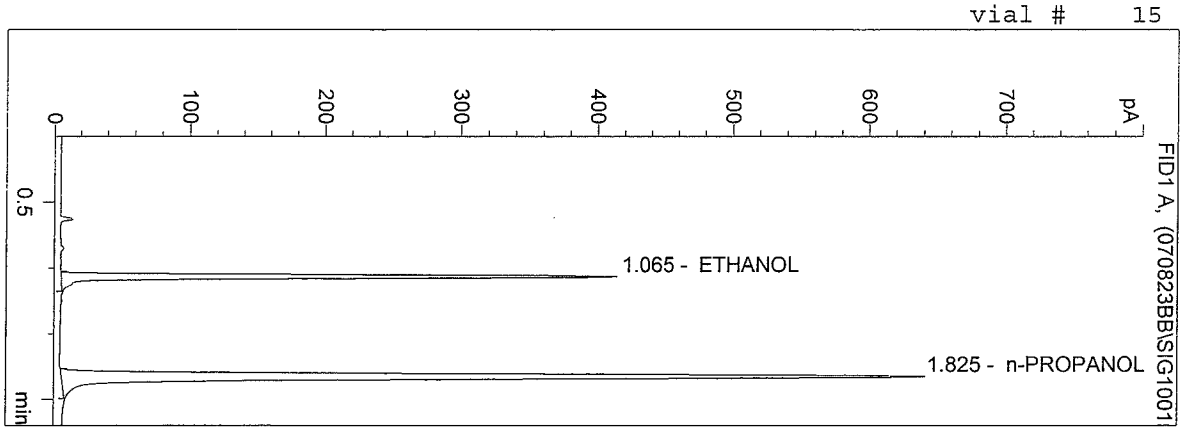
Instrument 3
db-alc2

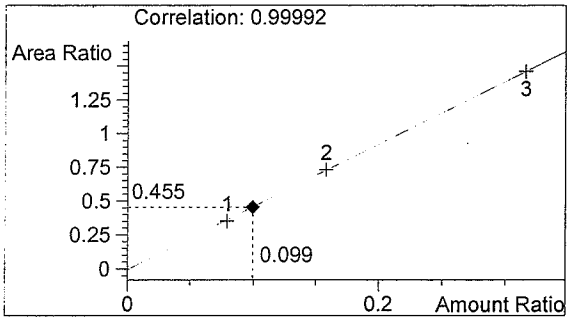
0.10 CONTROL-BB
BBALL

vial # 15

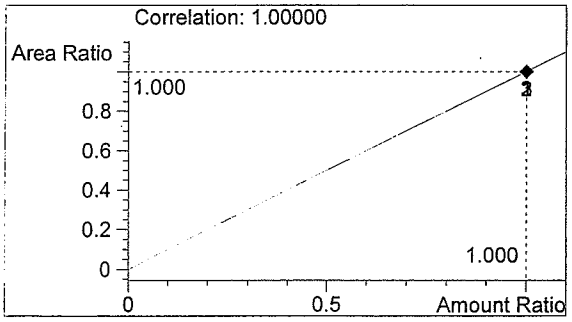


#	Compound	Area	RT
1	ETHANOL	804	1.065
2	n-PROPANOL	1768	1.825
Totals:			

BB 9/26/07



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
db-alc2

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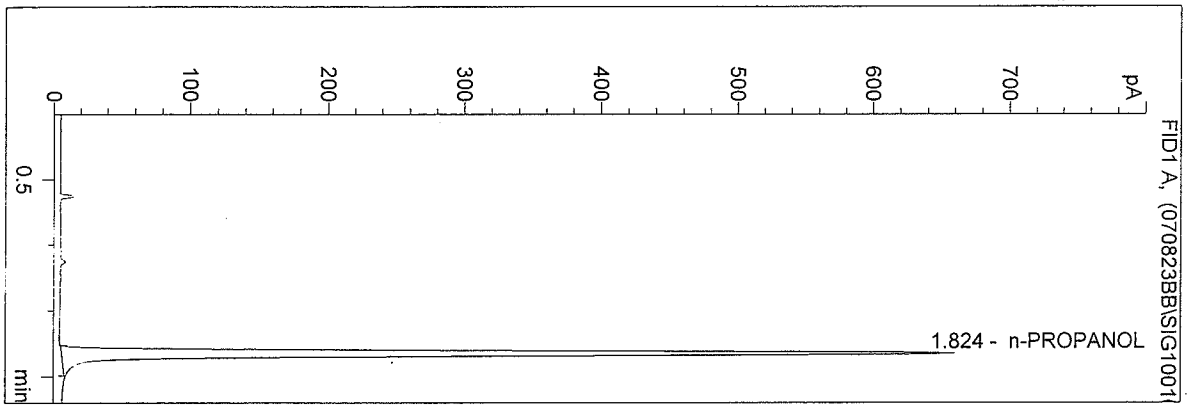
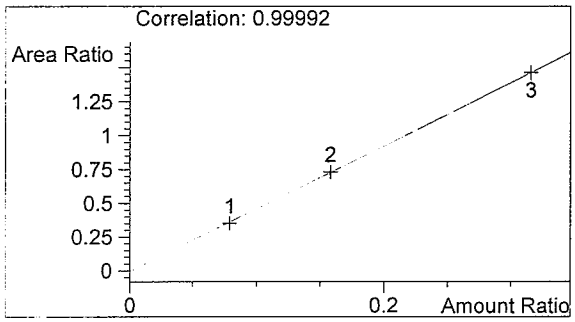
vial # 16



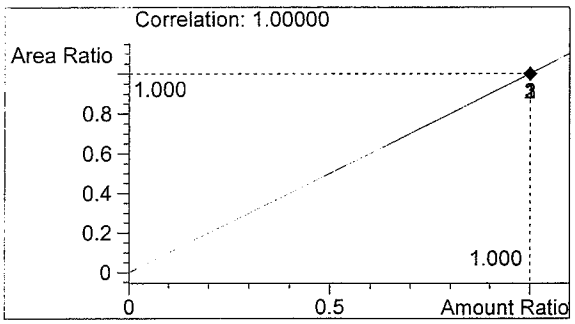
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1827	1.824

Totals:

BB 9/26/07



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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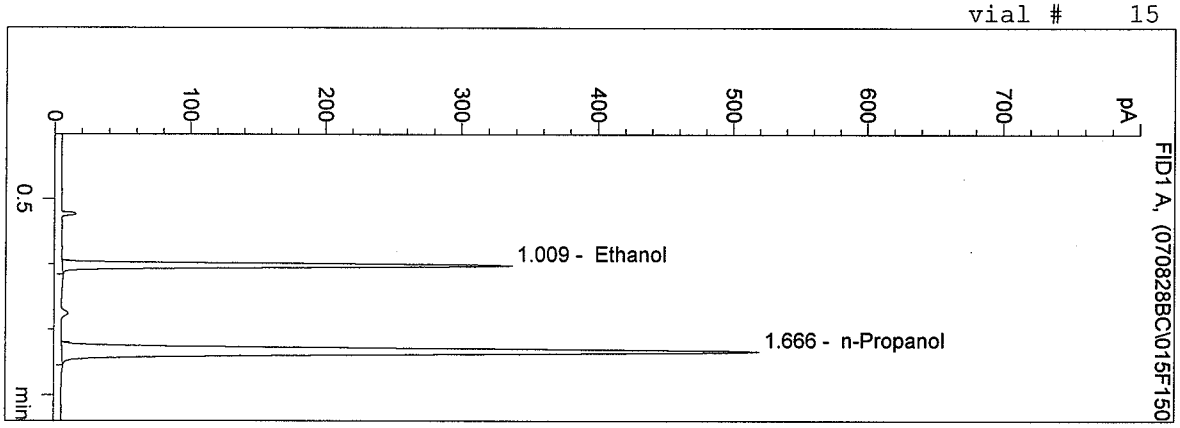
8/28/2007 9:50:15 AM
Instrument 4
DB-ALC1

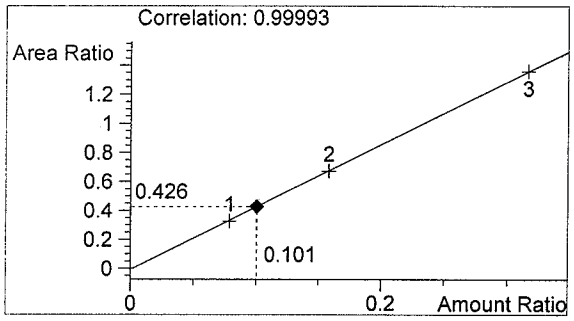
07031
BCAPRON

vial # 15

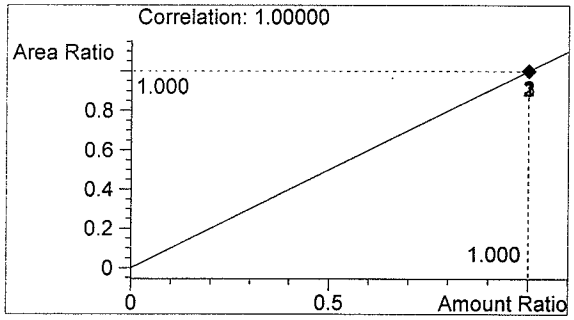


#	Compound	Area	RT
1	Ethanol	695	1.009
2	n-Propanol	1630	1.666

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

BC
9.26.07

WASHINGTON STATE TOXICOLOGY LABORATORY

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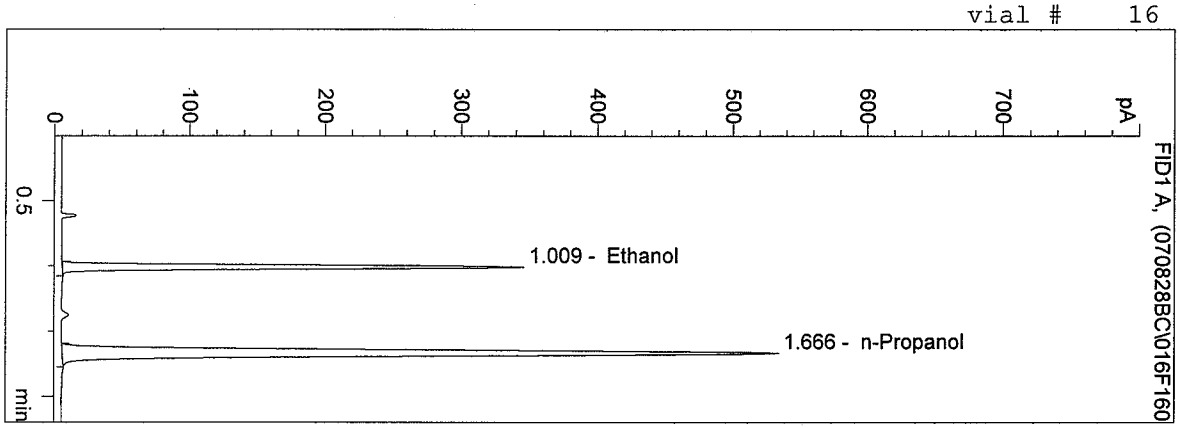
8/28/2007 9:53:34 AM
Instrument 4
DB-ALC1

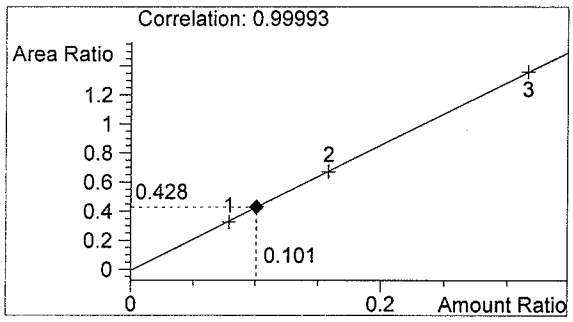
07031
BCAPRON

vial # 16

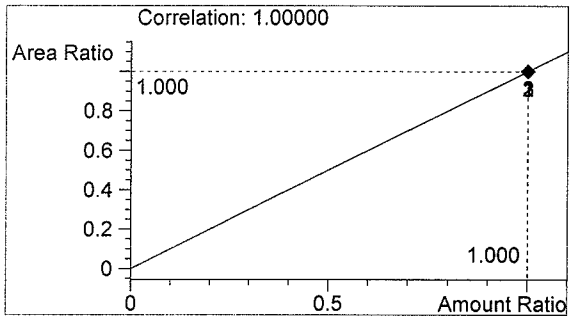


#	Compound	Area	RT
1	Ethanol	717	1.009
2	n-Propanol	1676	1.666

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

BC
9.26.07

WASHINGTON STATE TOXICOLOGY LABORATORY

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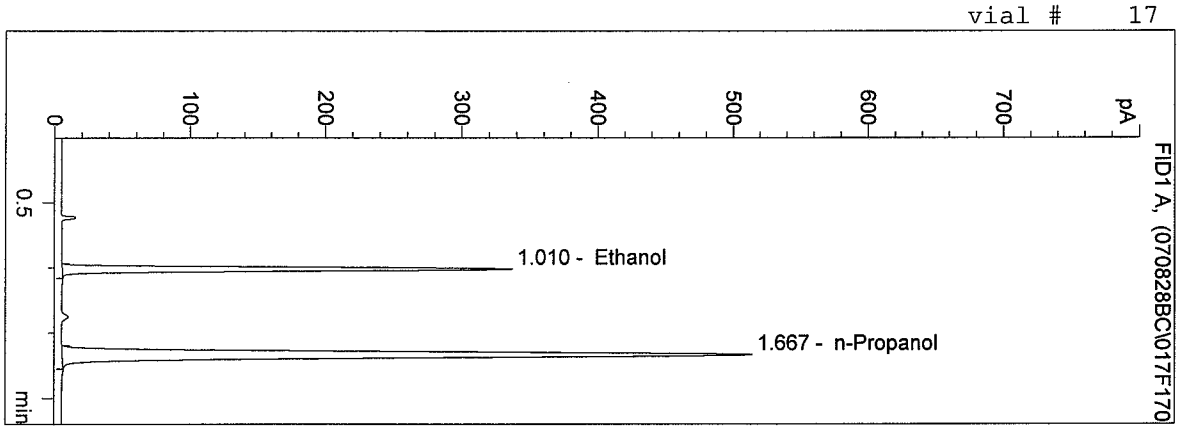
8/28/2007 9:56:56 AM
Instrument 4
DB-ALC1

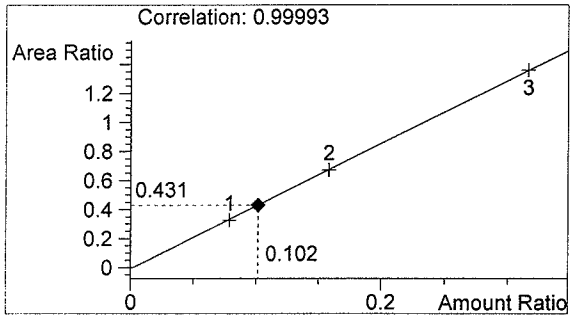
07031
BCAPRON

vial # 17

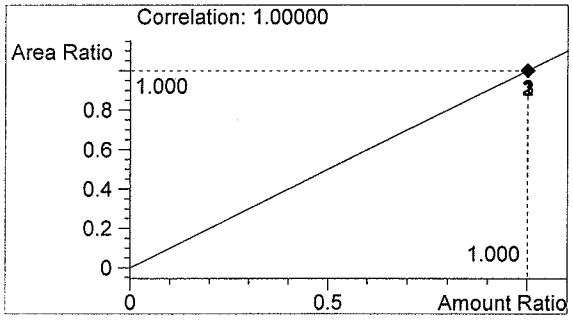


#	Compound	Area	RT
1	Ethanol	694	1.010
2	n-Propanol	1611	1.667

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

BC
9.26.07

WASHINGTON STATE TOXICOLOGY LABORATORY

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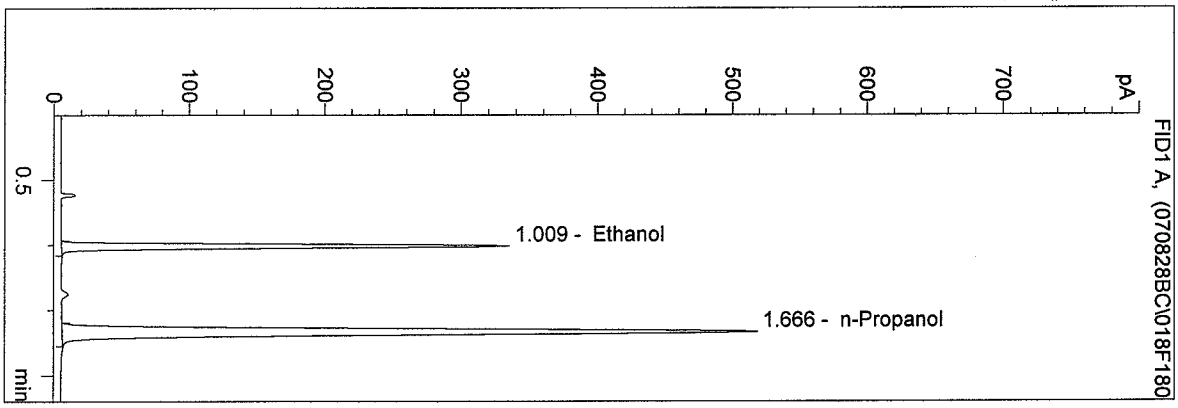
8/28/2007 10:00:18 AM
Instrument 4
DB-ALC1

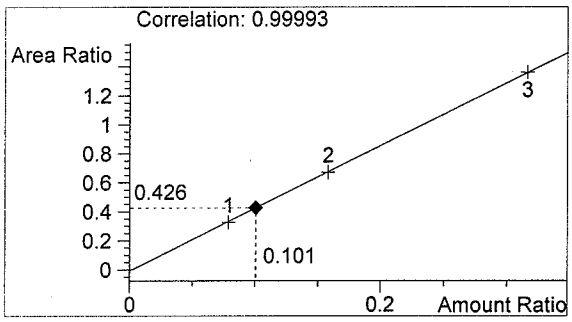
07031
BCAPRON

vial # 18

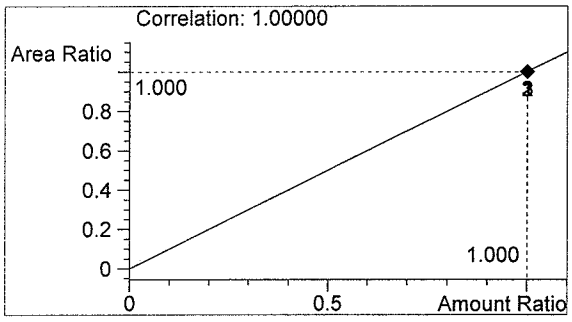


#	Compound	Area	RT
1	Ethanol	694	1.009
2	n-Propanol	1628	1.666

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

BC
9.26.07

WASHINGTON STATE TOXICOLOGY LABORATORY

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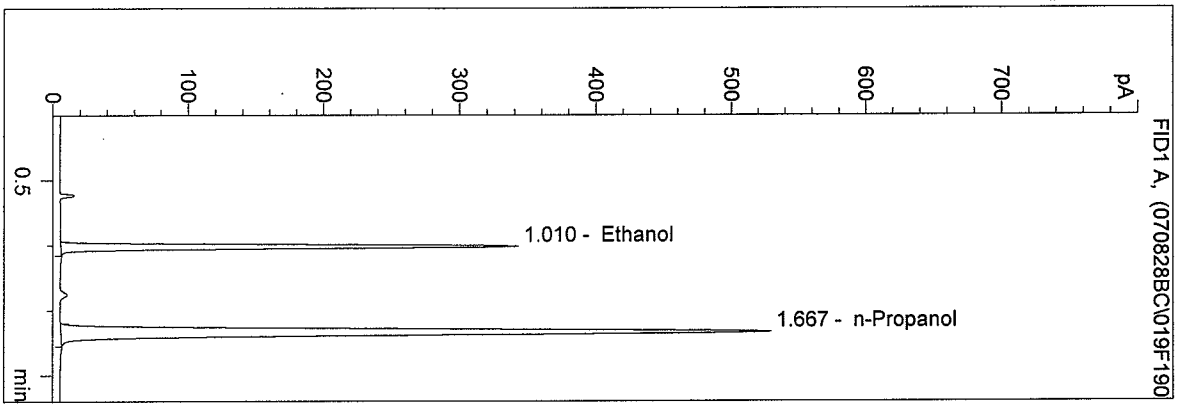
8/28/2007 10:03:34 AM
Instrument 4
DB-ALC1

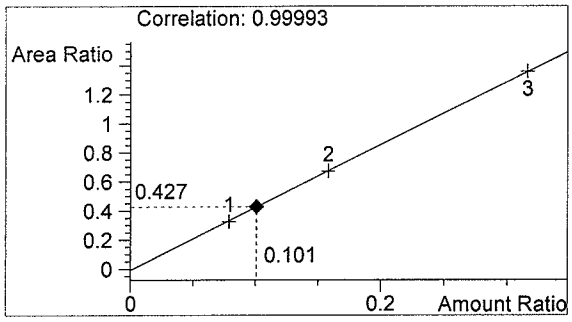
07031
BCAPRON

vial # 19

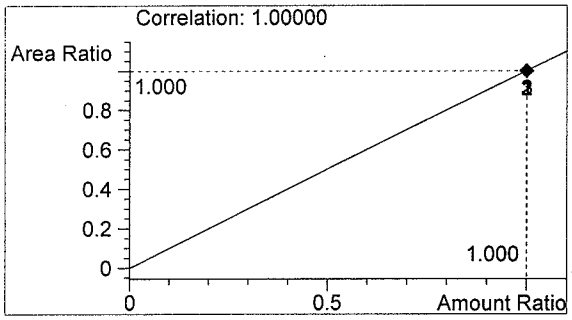


#	Compound	Area	RT
1	Ethanol	709	1.010
2	n-Propanol	1661	1.667

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

BC
9.26.07

WASHINGTON STATE TOXICOLOGY LABORATORY

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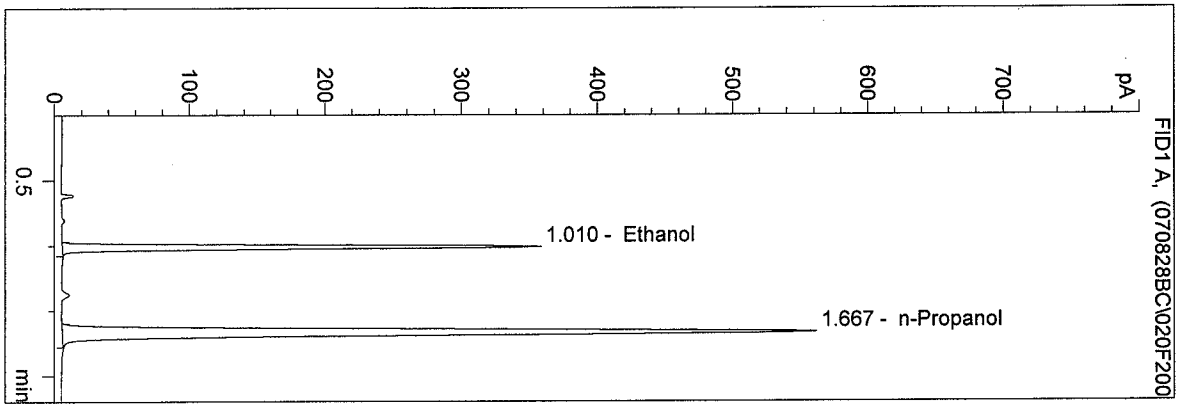
8/28/2007 10:06:49 AM
Instrument 4
DB-ALC1

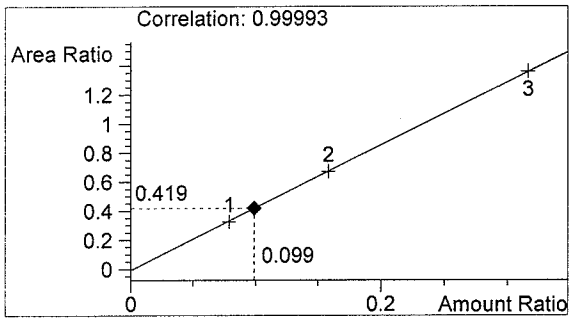
0.10 CONTROL BC
BCAPRON

vial # 20

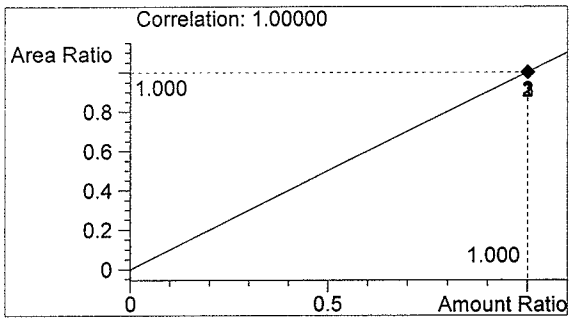


#	Compound	Area	RT
1	Ethanol	736	1.010
2	n-Propanol	1757	1.667

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

BC
9.26.07

WASHINGTON STATE TOXICOLOGY LABORATORY

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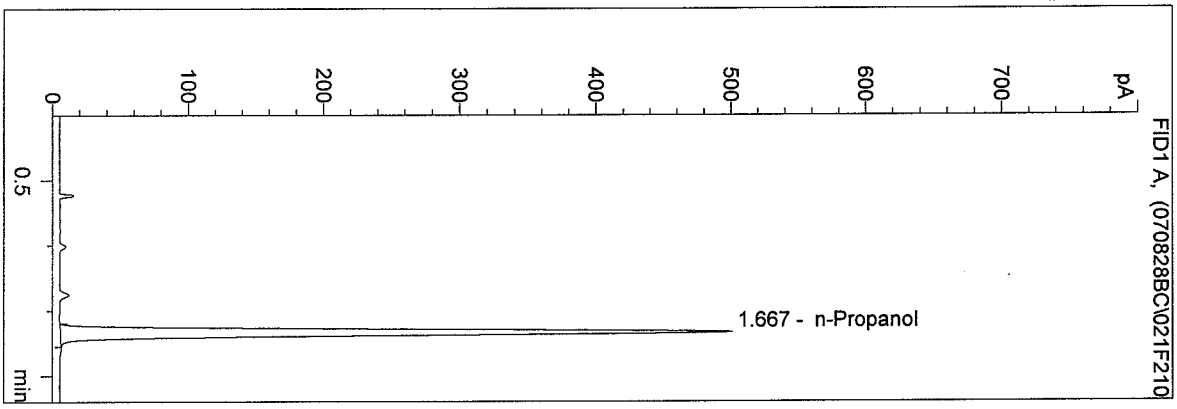
Instrument 4
DB-ALC1

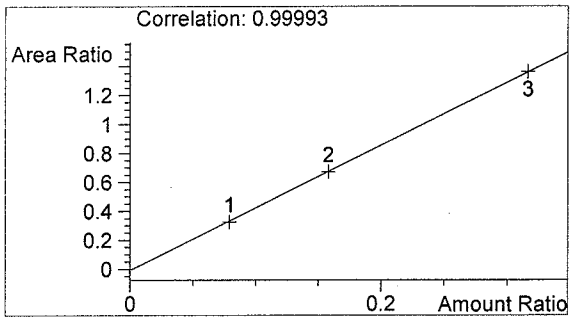
BLANK
BCAPRON

vial # 21

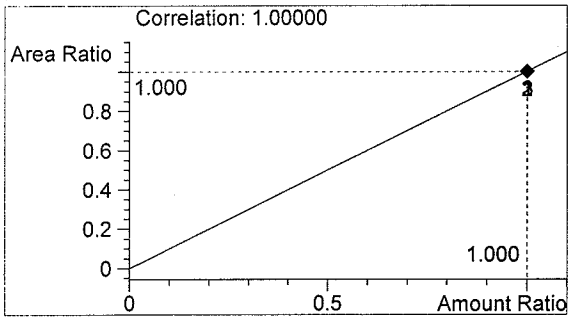


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1567	1.667

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

BC
9.26.07

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
db-alc2

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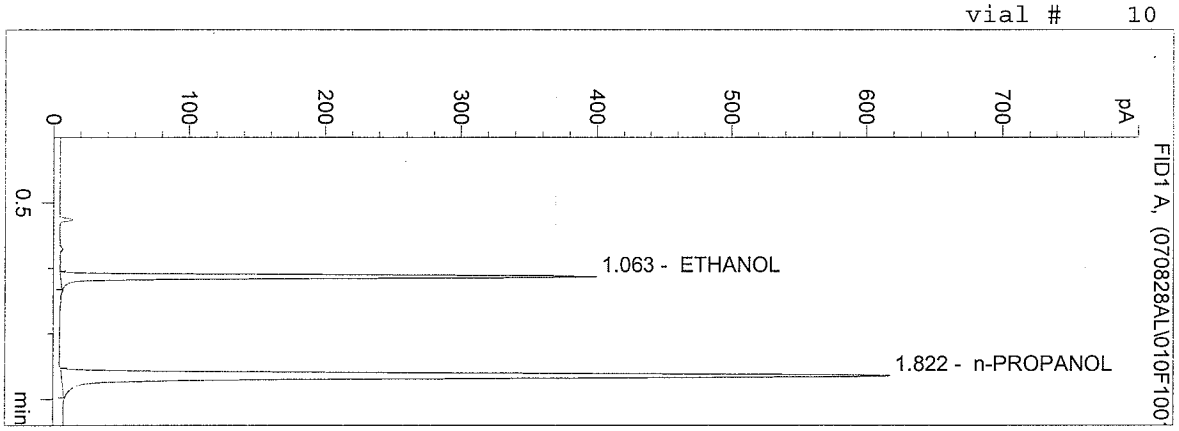
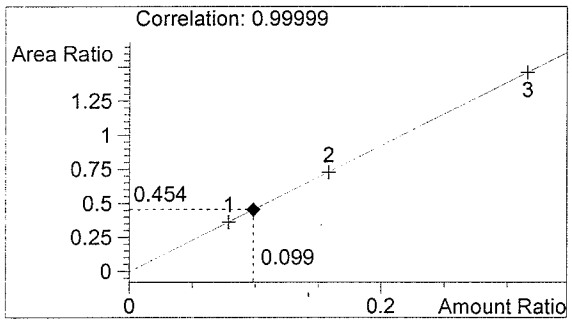
alouis

vial # 10

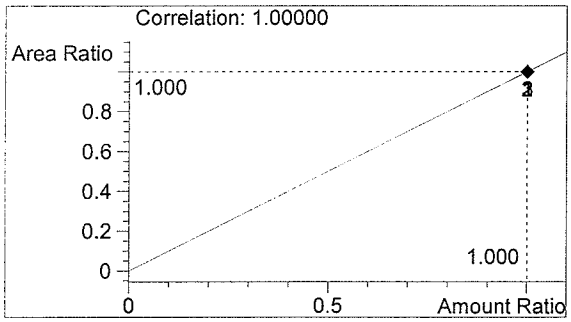


#	Compound	Area	RT
1	ETHANOL	772	1.063
2	n-PROPANOL	1700	1.822

Totals:



ETHANOL 0.099 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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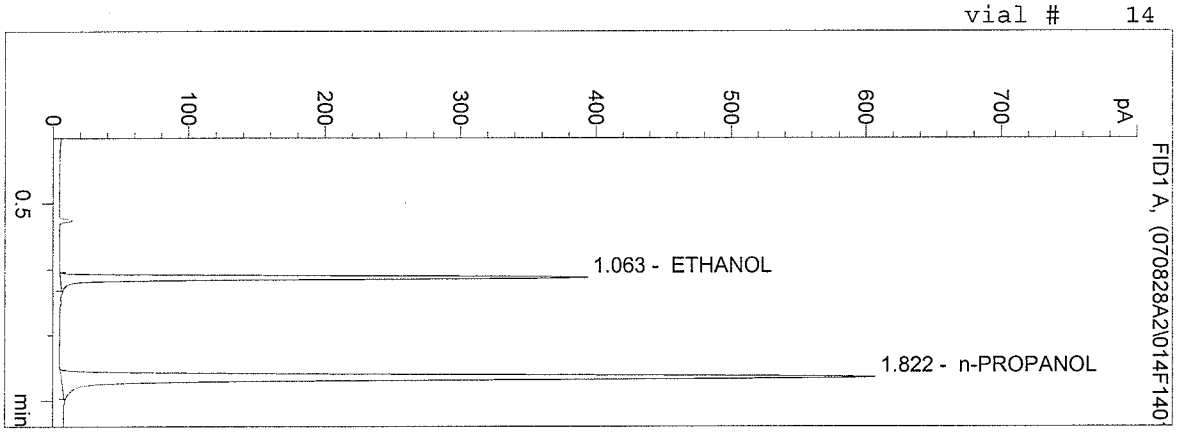
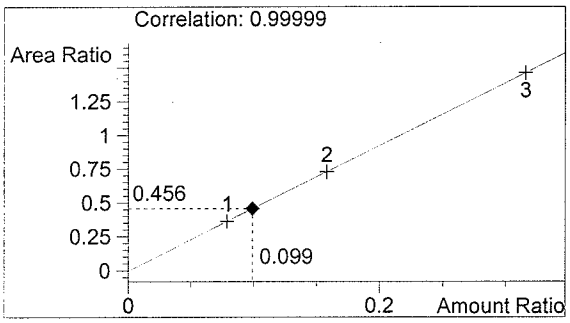
alouis

vial # 14

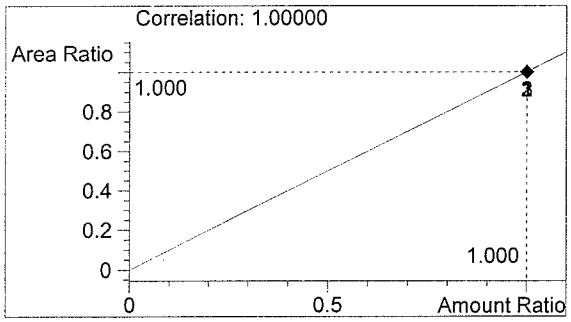


#	Compound	Area	RT
1	ETHANOL	763	1.063
2	n-PROPANOL	1675	1.822

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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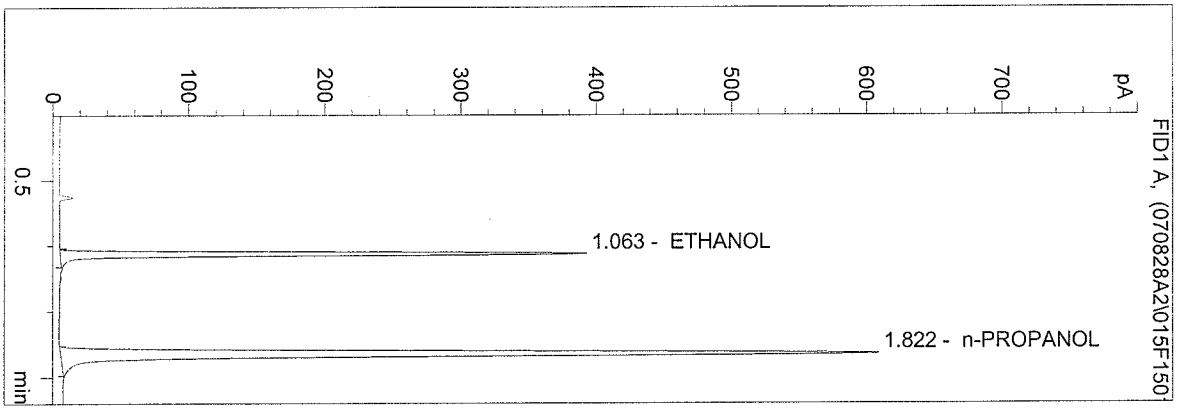
Instrument 3
db-alc2

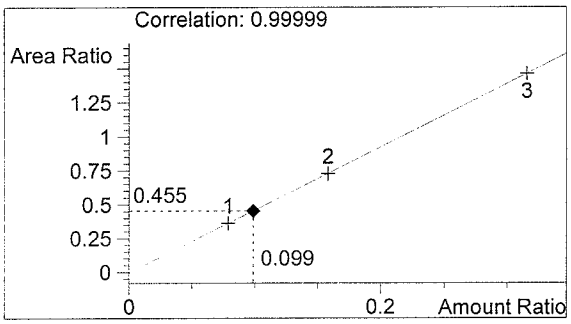
07031b
alouis

vial # 15

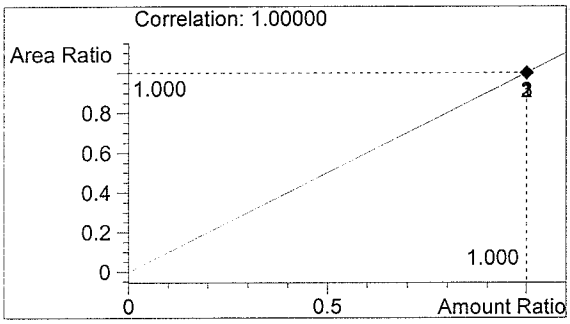


#	Compound	Area	RT
1	ETHANOL	765	1.063
2	n-PROPANOL	1683	1.822

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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20070925

WASHINGTON STATE TOXICOLOGY LABORATORY

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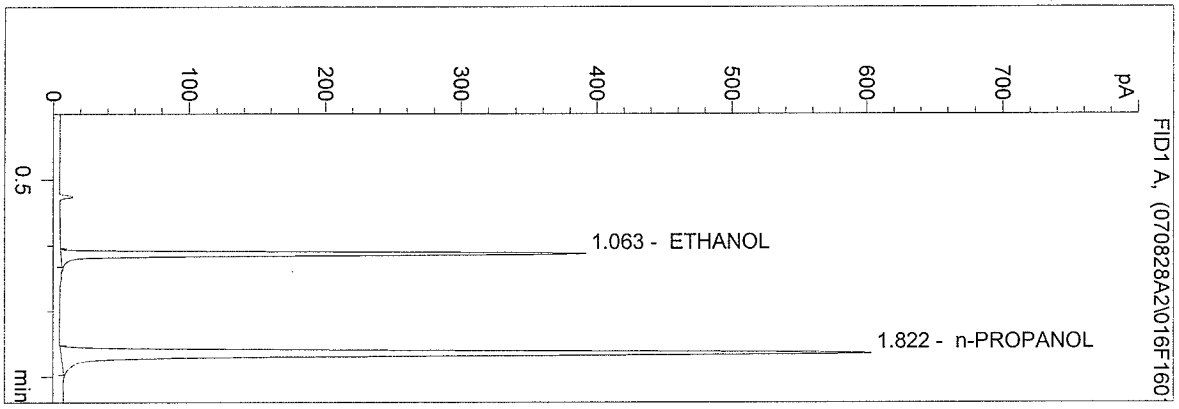
8/28/2007 1:09:28 PM
Instrument 3
db-alc2

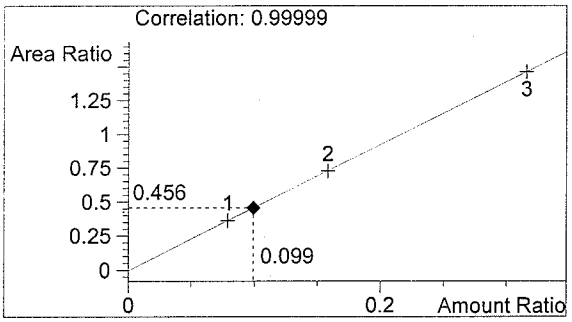
07031c
alouis

vial # 16

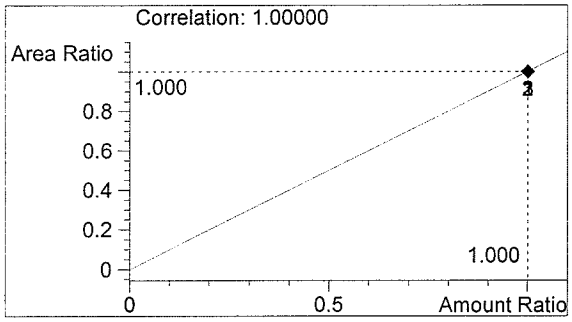


#	Compound	Area	RT
1	ETHANOL	758	1.063
2	n-PROPANOL	1665	1.822

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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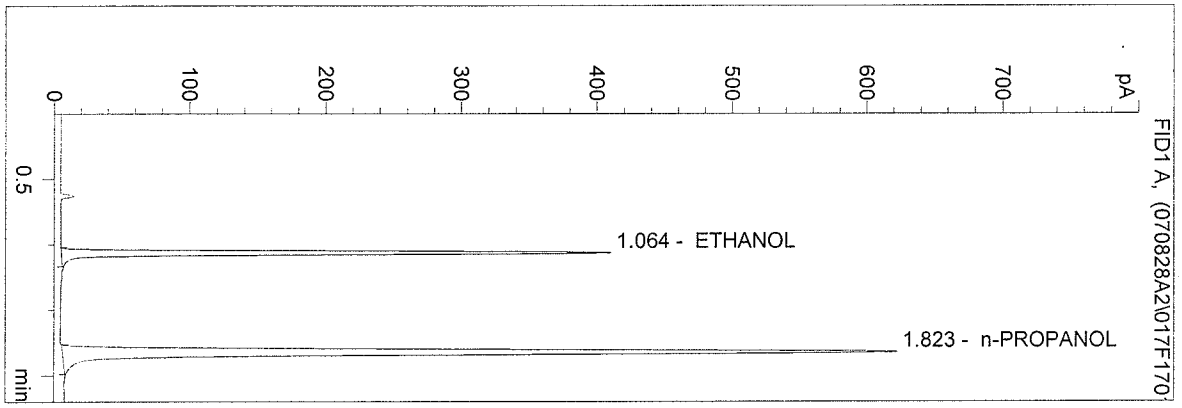
20070825

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/28/2007 1:12:35 PM
Instrument 3
db-alc2

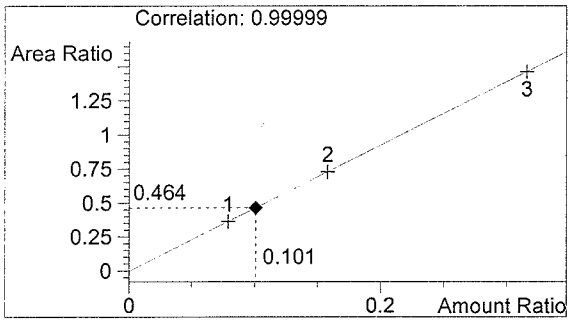
07031d
alouis

vial # 17

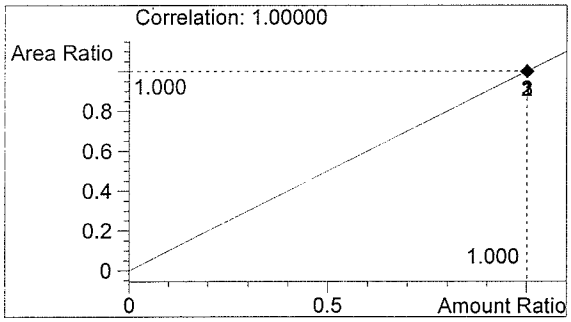


#	Compound	Area	RT
1	ETHANOL	796	1.064
2	n-PROPANOL	1716	1.823

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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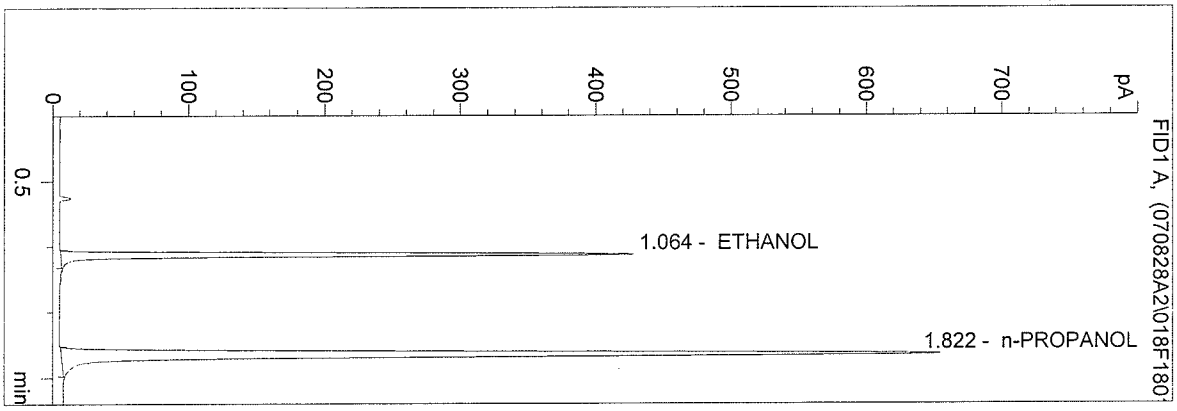
8/28/2007 1:15:42 PM
Instrument 3
db-alc2

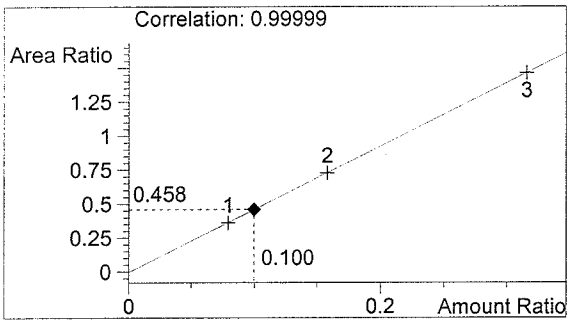
07031e
alouis

vial # 18

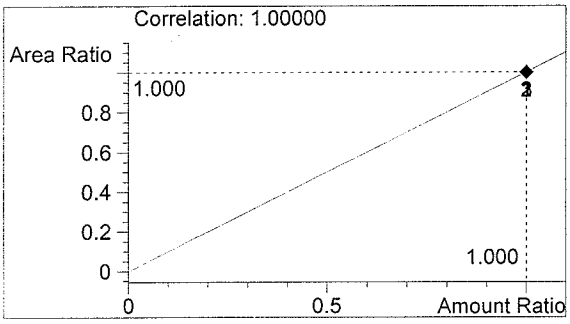


#	Compound	Area	RT
1	ETHANOL	824	1.064
2	n-PROPANOL	1797	1.822

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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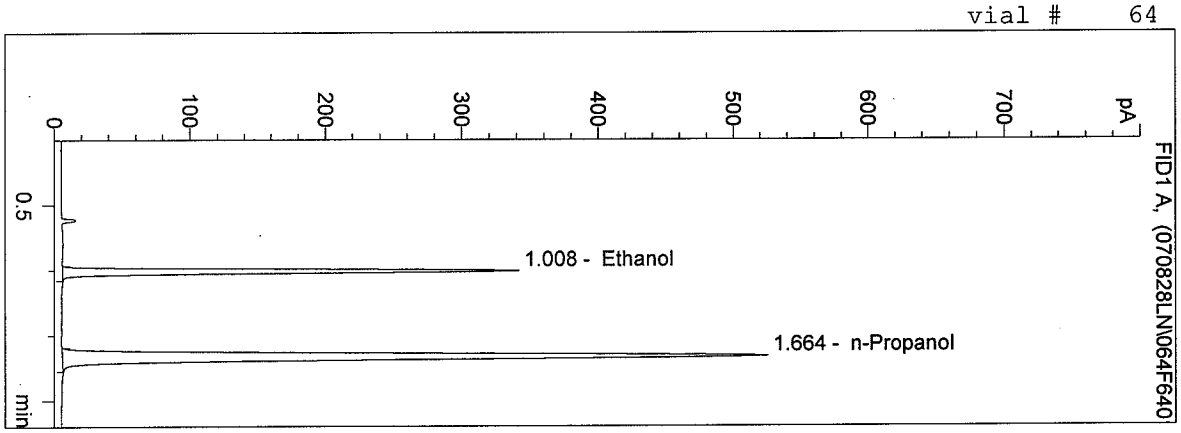
8/28/2007 3:35:19 PM
Instrument 4
DB-ALC1

07031-1
Lisa Noble

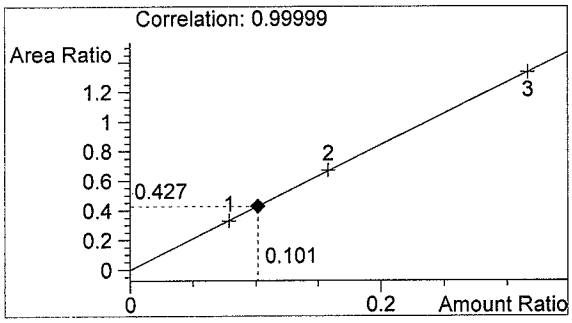
vial # 64



for calibration see ST0706654.

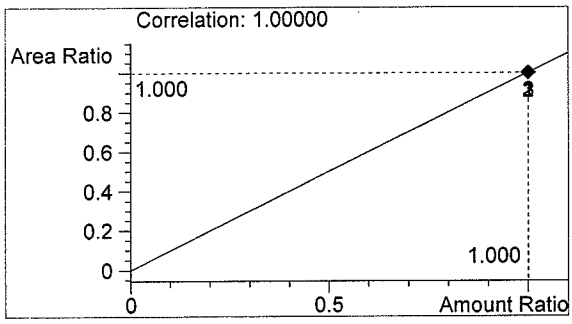
#	Compound	Area	RT
1	Ethanol	702	1.008
2	n-Propanol	1643	1.664

Totals:



Ethanol 0.101 g/100ml

fr 9/25/07



n-Propanol 1.000 g/100ml

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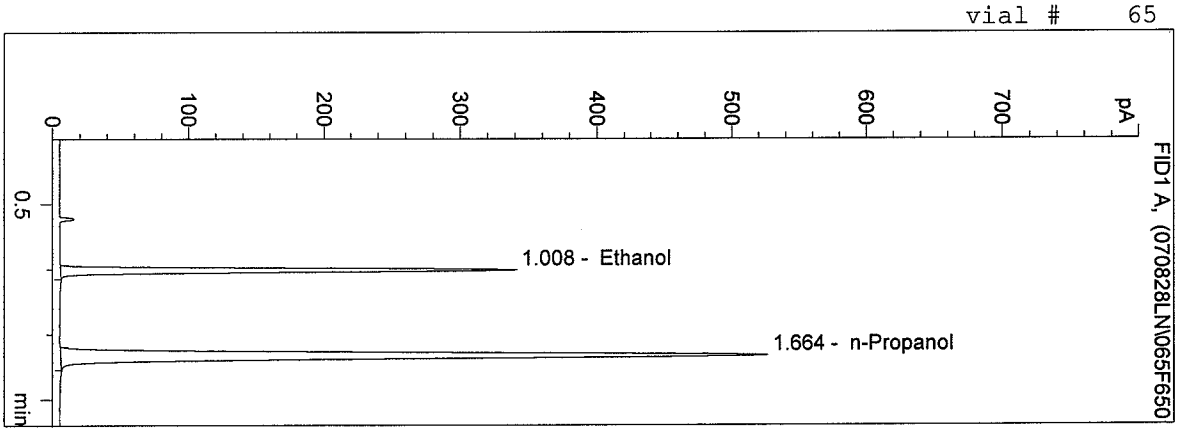
8/28/2007 3:38:36 PM
Instrument 4
DB-ALC1

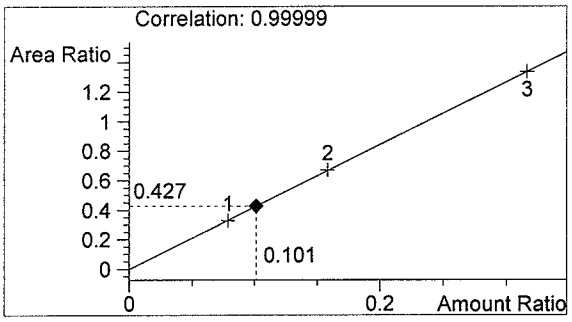
07031-2
Lisa Noble

vial # 65



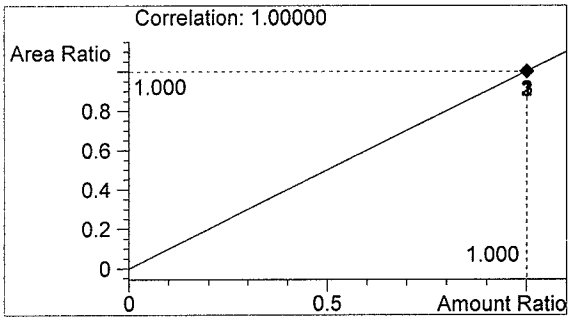
#	Compound	Area	RT
1	Ethanol	702	1.008
2	n-Propanol	1645	1.664

Totals:



Ethanol 0.101 g/100ml

fm 9/25/07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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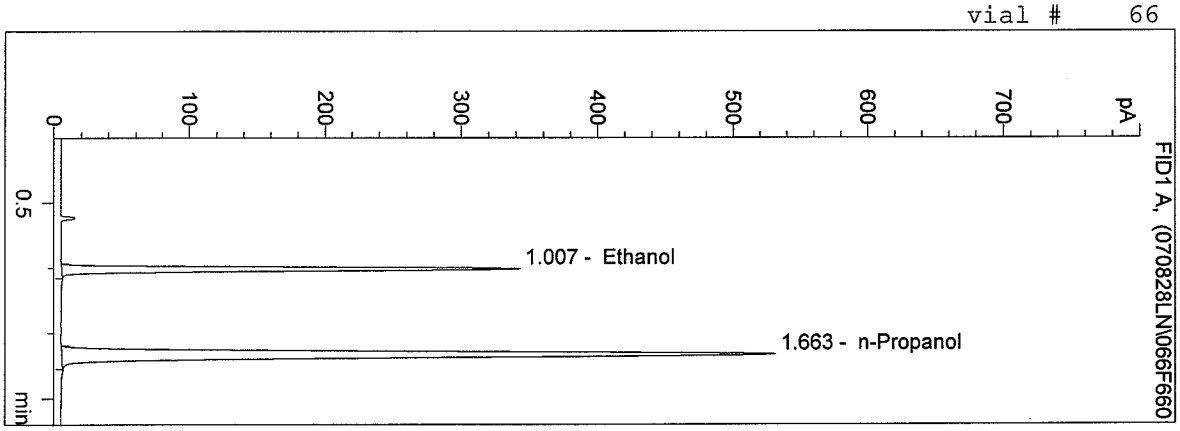
Instrument 4
DB-ALC1

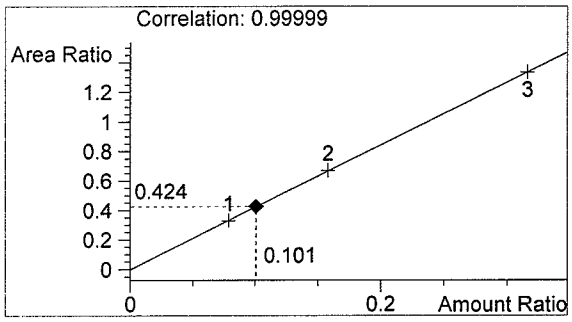
07031-3
Lisa Noble

vial # 66



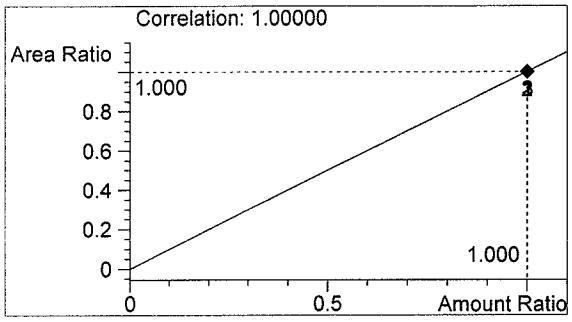
#	Compound	Area	RT
1	Ethanol	707	1.007
2	n-Propanol	1666	1.663

Totals:



Ethanol 0.101 g/100ml

fm 9/25/07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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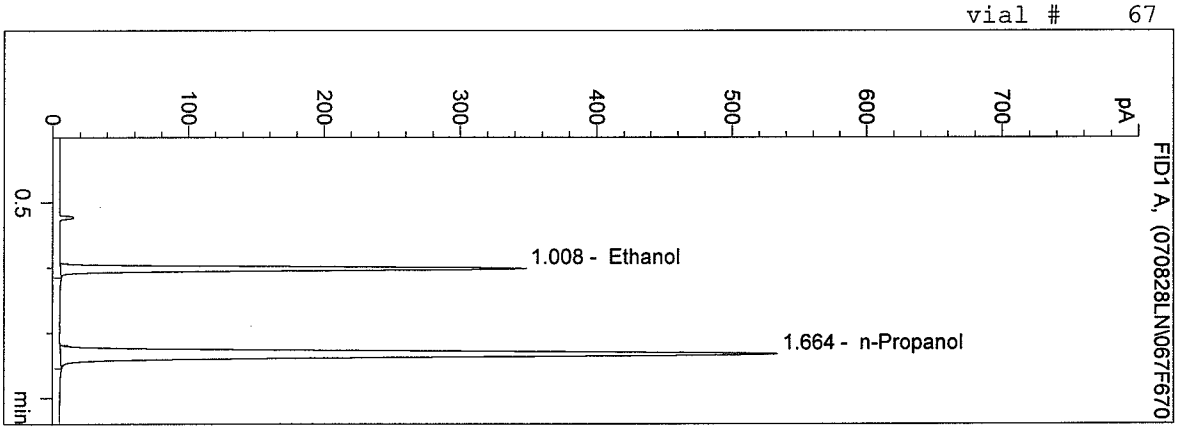
Instrument 4
DB-ALC1

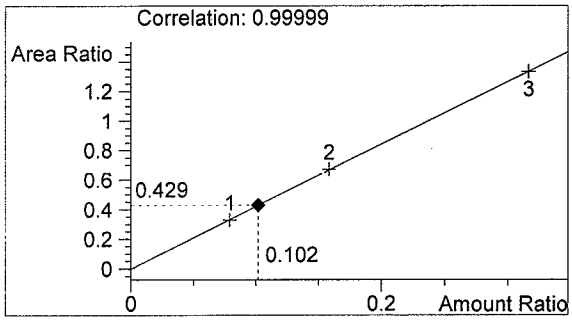
07031-4
Lisa Noble

vial # 67



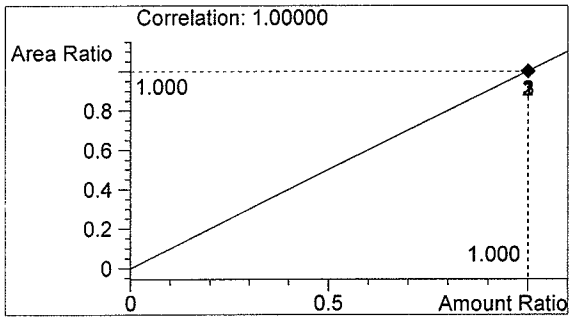
#	Compound	Area	RT
1	Ethanol	715	1.008
2	n-Propanol	1666	1.664

Totals:



Ethanol 0.102 g/100ml

fu 9/25/07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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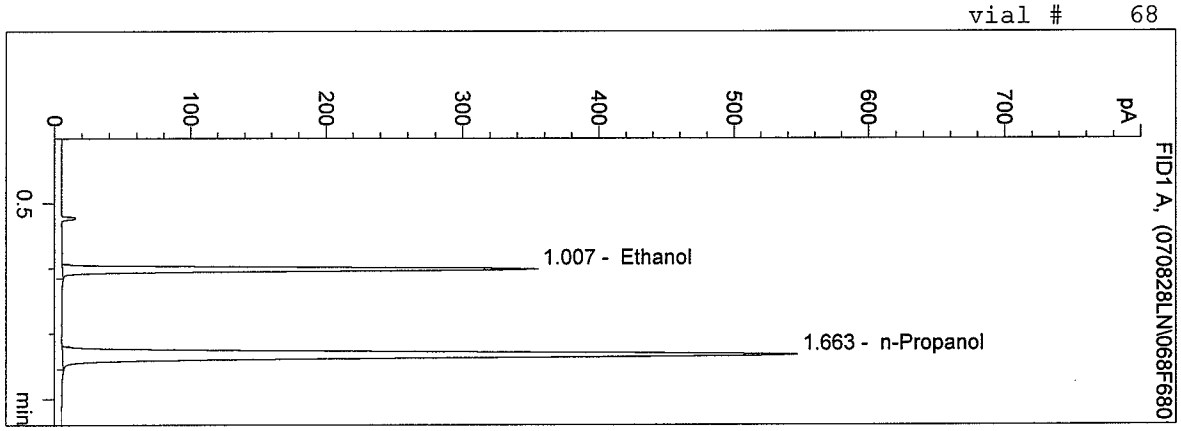
Instrument 4
DB-ALC1

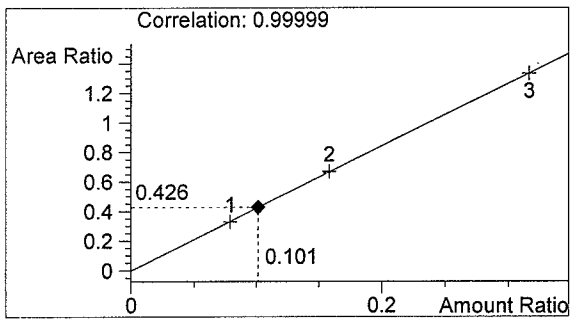
07031-5
Lisa Noble

vial # 68



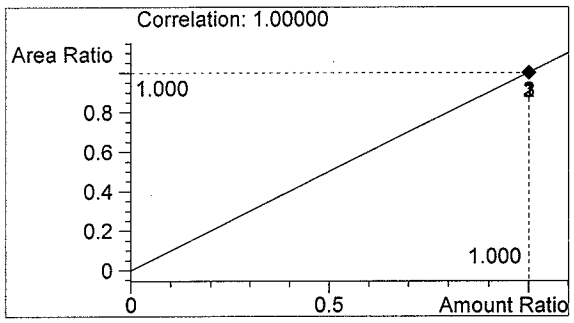
#	Compound	Area	RT
1	Ethanol	730	1.007
2	n-Propanol	1713	1.663

Totals:



Ethanol 0.101 g/100ml

fu 9/25/07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 4
DB-ALC1

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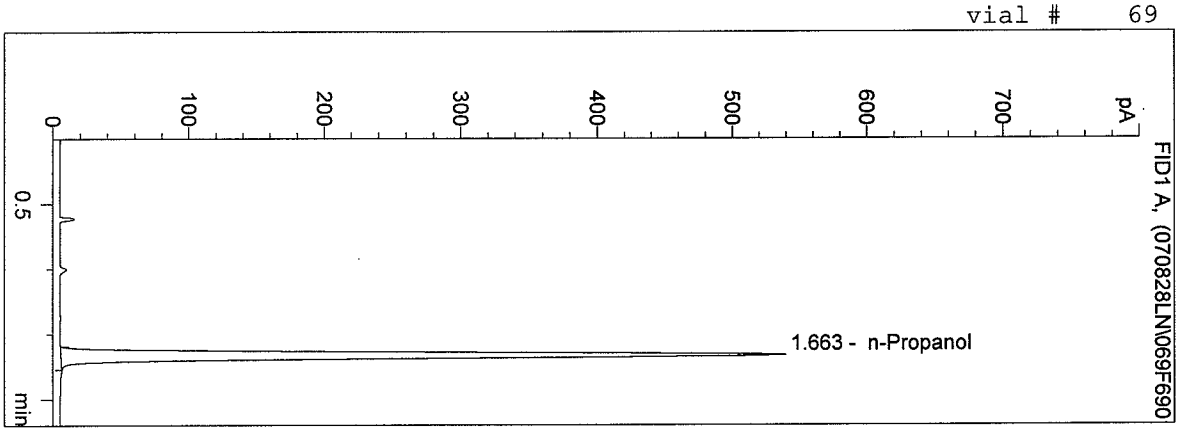
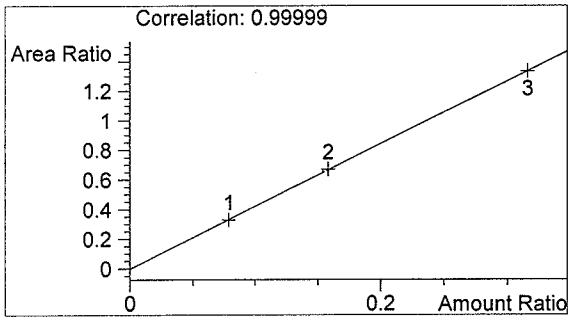
Lisa Noble

vial # 69



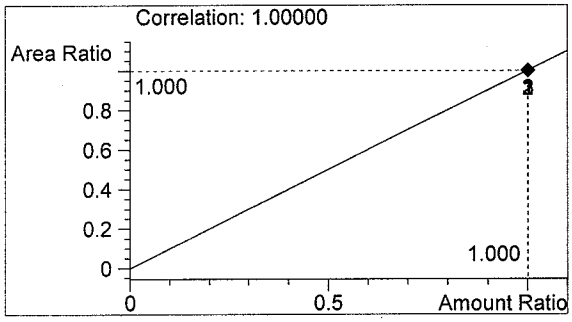
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1686	1.663

Totals:



Ethanol 0.000 g/100ml

fu 9/25/07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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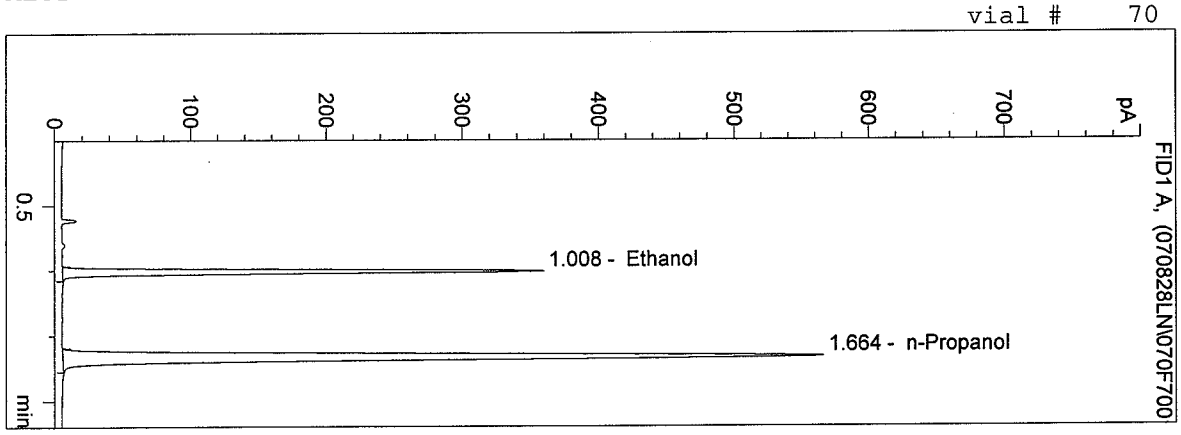
Instrument 4
DB-ALC1

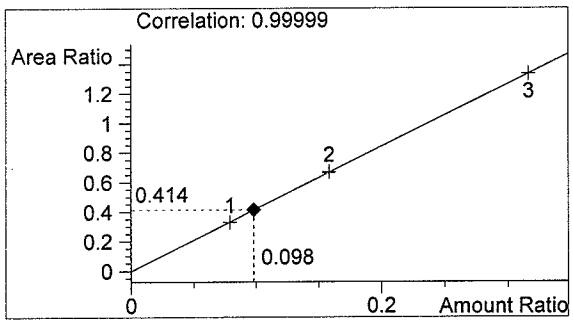
0.10 CONTROL LN
Lisa Noble

vial # 70



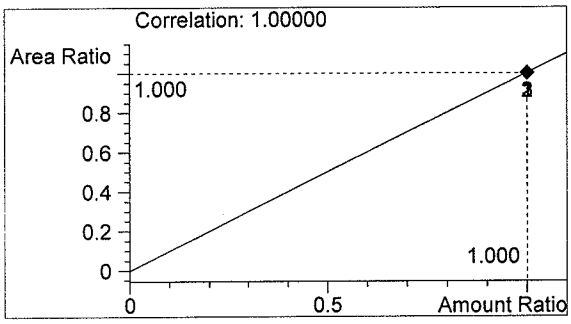
#	Compound	Area	RT
1	Ethanol	733	1.008
2	n-Propanol	1771	1.664

Totals:



Ethanol 0.098 g/100ml

fu 9/25/07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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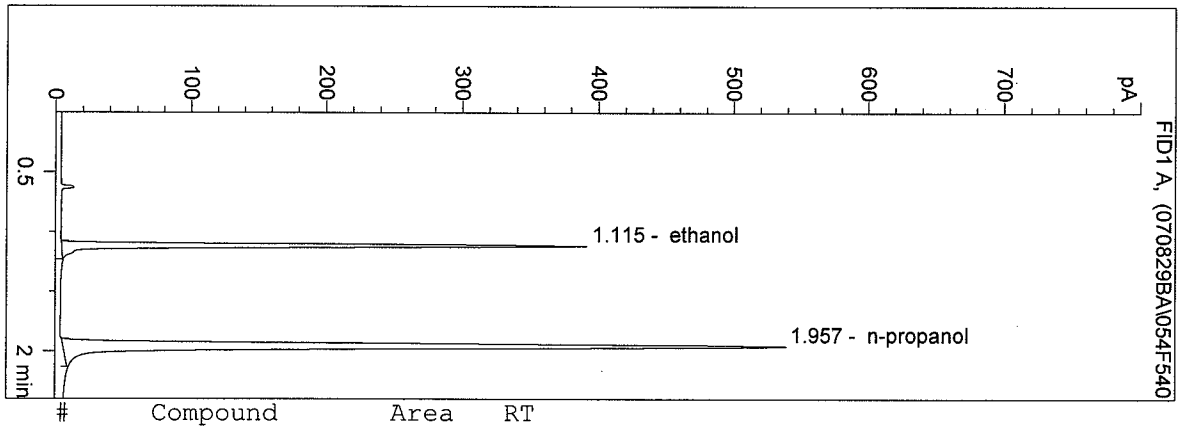
Instrument 5
DB-ALC2

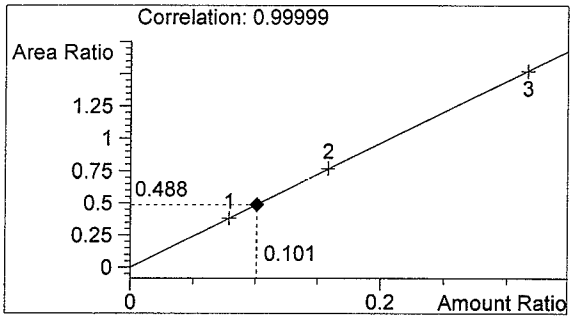
SIM 07031 A
Brianne E. Akins

vial # 54

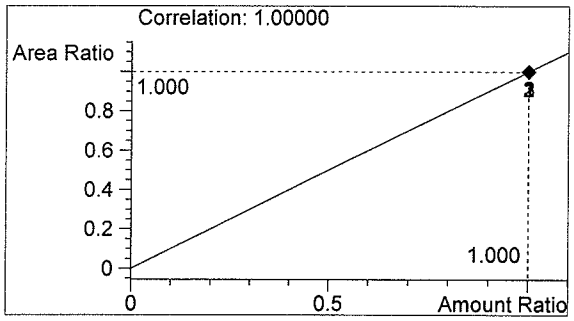


#	Compound	Area	RT
1	ethanol	777	1.115
2	n-propanol	1591	1.957

Totals:



ethanol 0.101 g/100ml



n-propanol 1.000 g/100ml

Calibration data in Case File ST0706590.
BEA

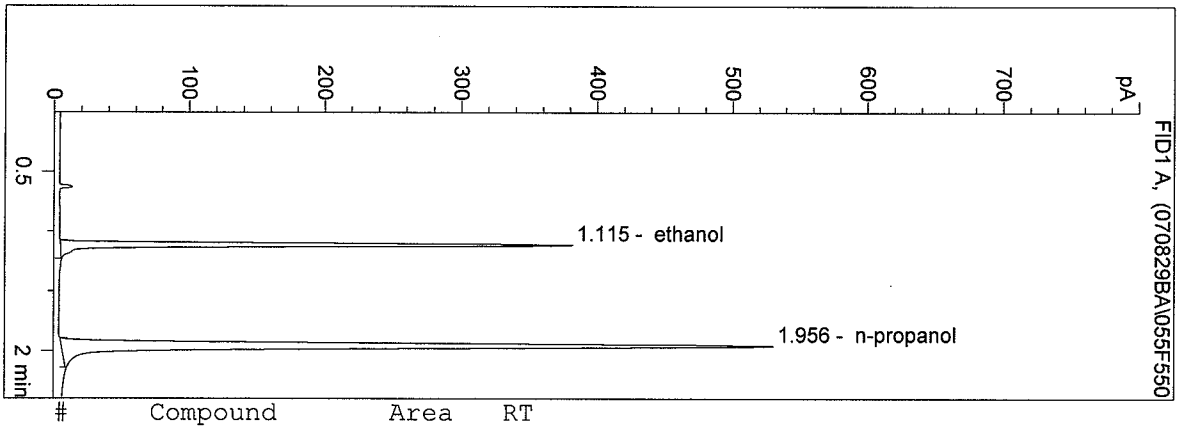
9.17.07
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

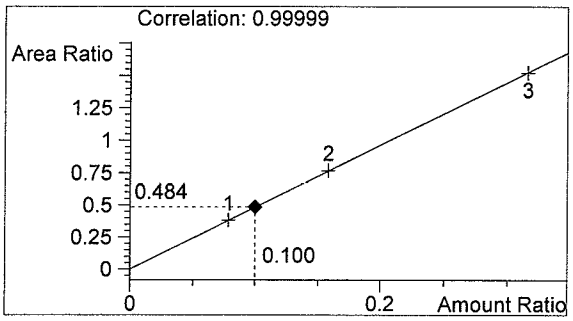
D:\HPCHEM\1\METHODS\BLDALCO2.M
8/29/2007 12:59:21 PM
Instrument 5
DB-ALC2

SIM 07031 B
Brianne E. Akins

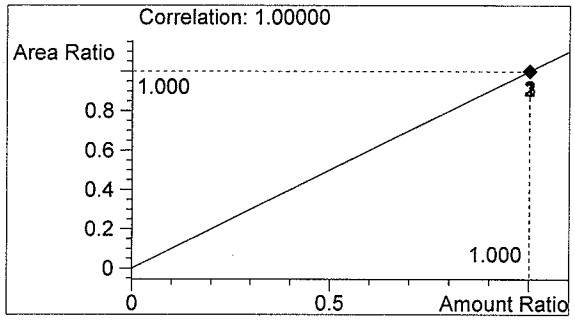
vial # 55



#	Compound	Area	RT
1	ethanol	760	1.115
2	n-propanol	1571	1.956
Totals:			



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

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BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

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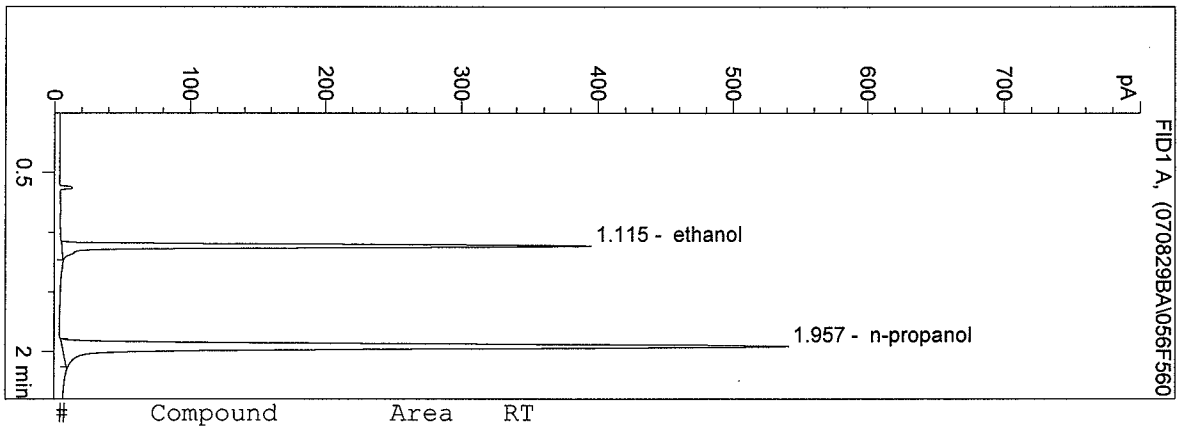
Instrument 5
DB-ALC2

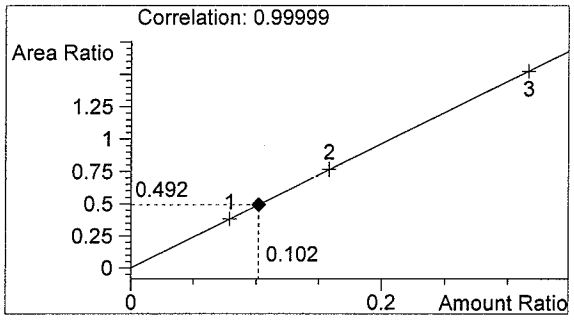
SIM 07031 C
Brianne E. Akins

vial # 56

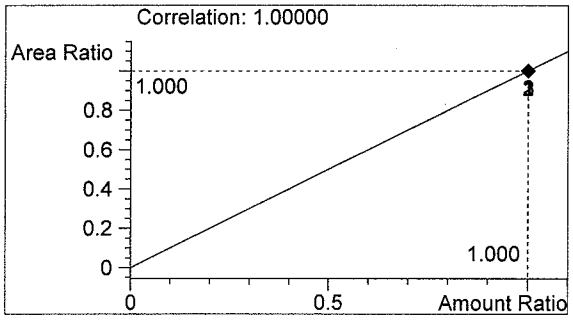


#	Compound	Area	RT
1	ethanol	787	1.115
2	n-propanol	1600	1.957

Totals:



ethanol 0.102 g/100ml



n-propanol 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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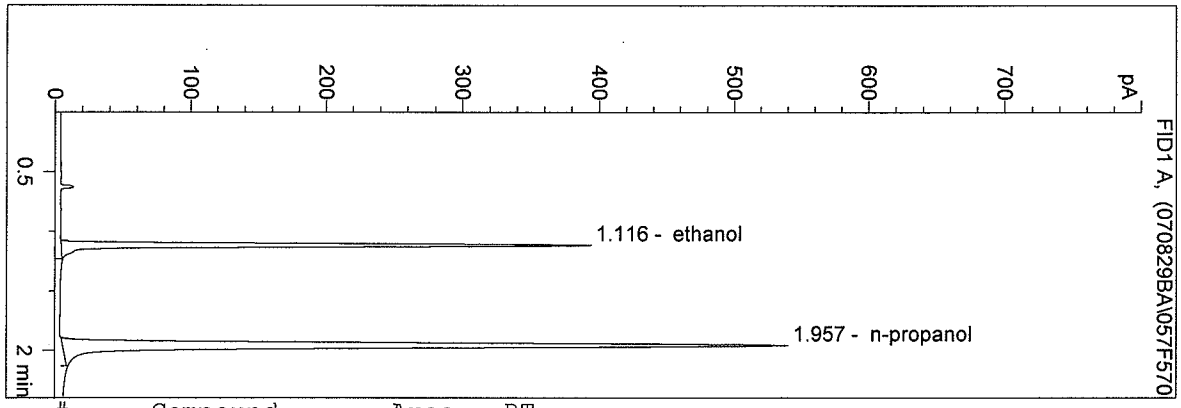
8/29/2007 1:07:55 PM
Instrument 5
DB-ALC2

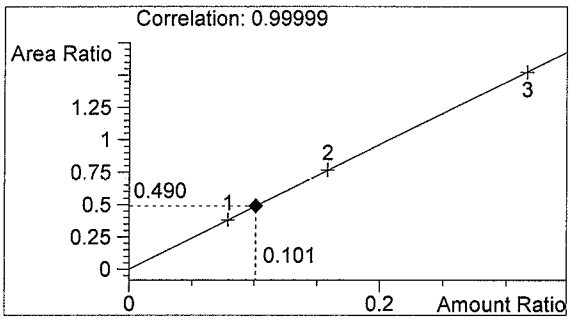
SIM 07031 D
Brianne E. Akins

vial # 57

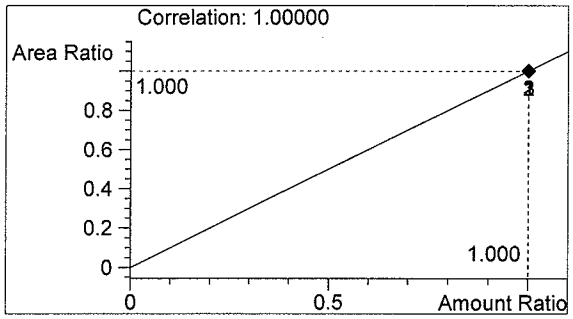


#	Compound	Area	RT
1	ethanol	782	1.116
2	n-propanol	1597	1.957

Totals:



ethanol 0.101 g/100ml



n-propanol 1.000 g/100ml

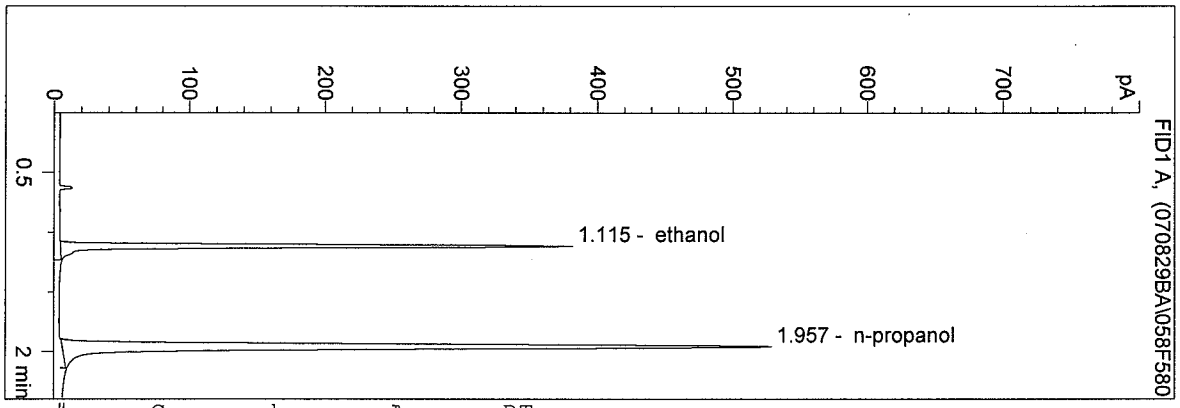
9.17.07
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/29/2007 1:11:25 PM
Instrument 5
DB-ALC2

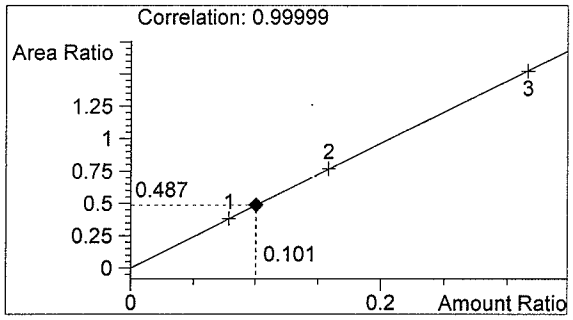
SIM 07031 E
Brianne E. Akins

vial # 58

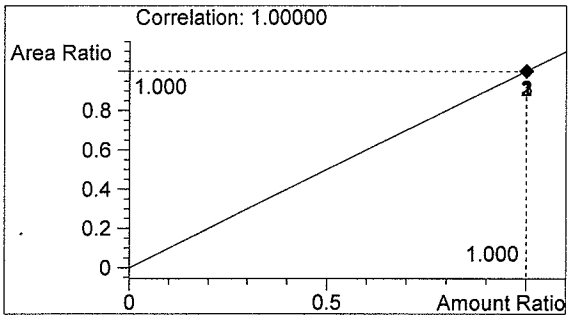


#	Compound	Area	RT
1	ethanol	761	1.115
2	n-propanol	1563	1.957

Totals:



ethanol 0.101 g/100ml



n-propanol 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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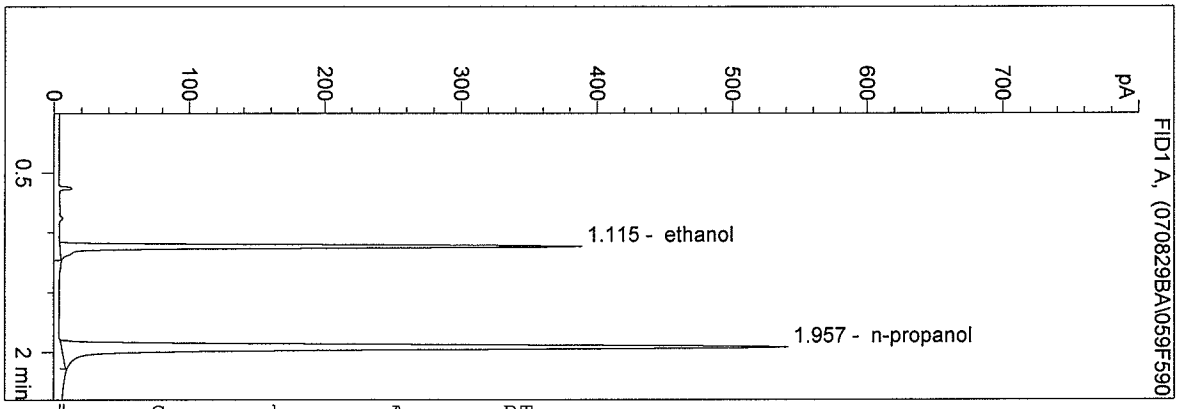
Instrument 5
DB-ALC2

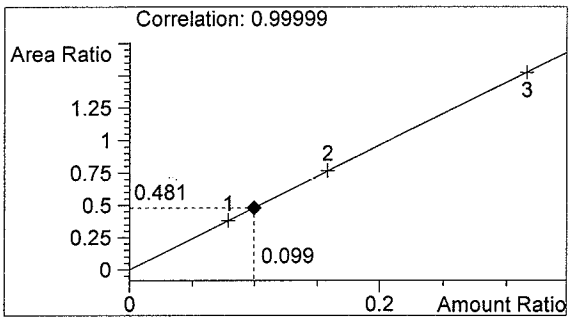
0.10 CONTROL-BA
Brianne E. Akins

vial # 59

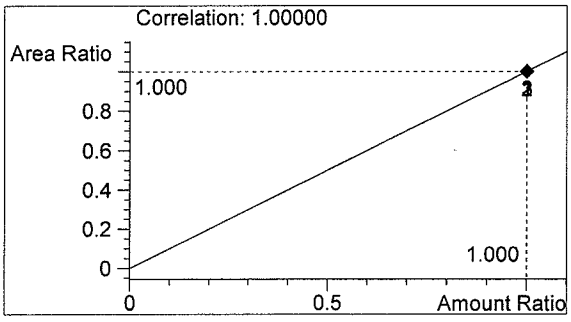


#	Compound	Area	RT
1	ethanol	769	1.115
2	n-propanol	1600	1.957

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

9-17-07
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

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8/29/2007 1:19:56 PM
Instrument 5
DB-ALC2

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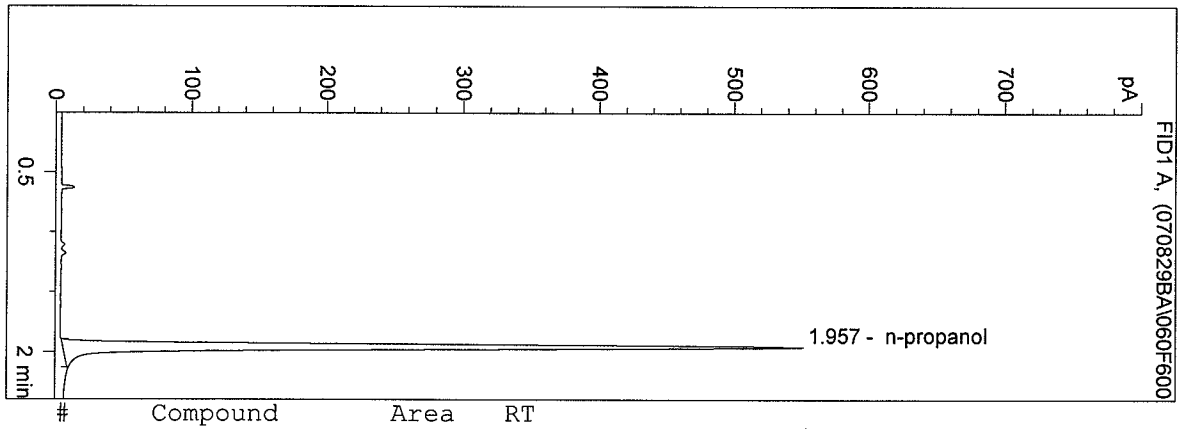
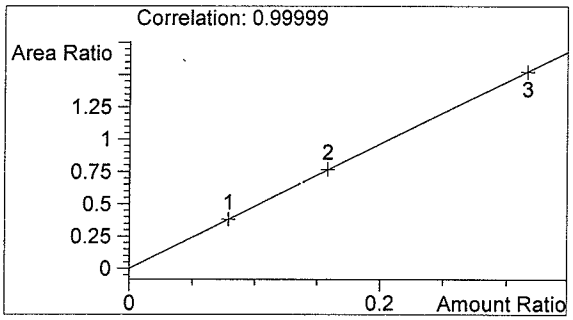
Brianne E. Akins

vial # 60

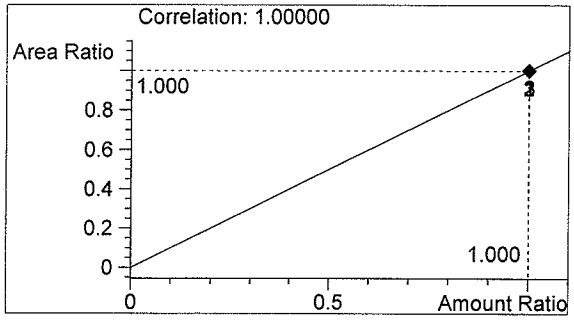


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1629	1.957

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

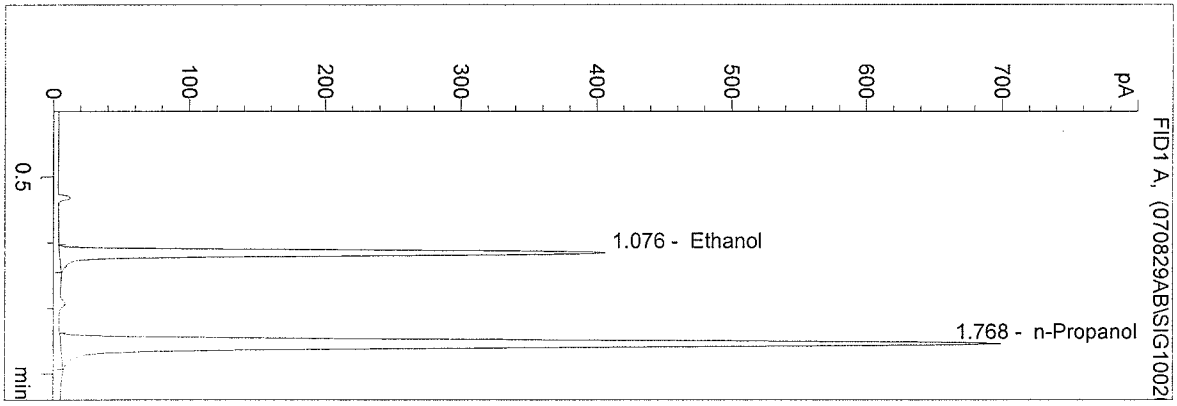
9.17.07
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

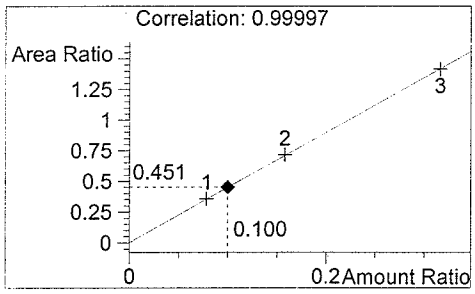
C:\HPCHEM\1\METHODS\BLDALCO.M
8/29/2007 3:02:04 PM
Instrument 1
DB ALC 1

SIM 07031-1
A. Black

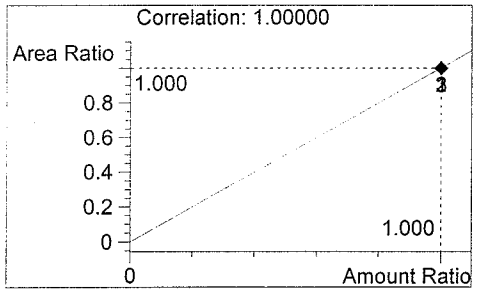
vial # 20



#	Compound	Area	RT
1	Ethanol	1240	1.076
2	n-Propanol	2746	1.768
Tot			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

CALIBRATION DATA FILED
WITH 07030 SIM

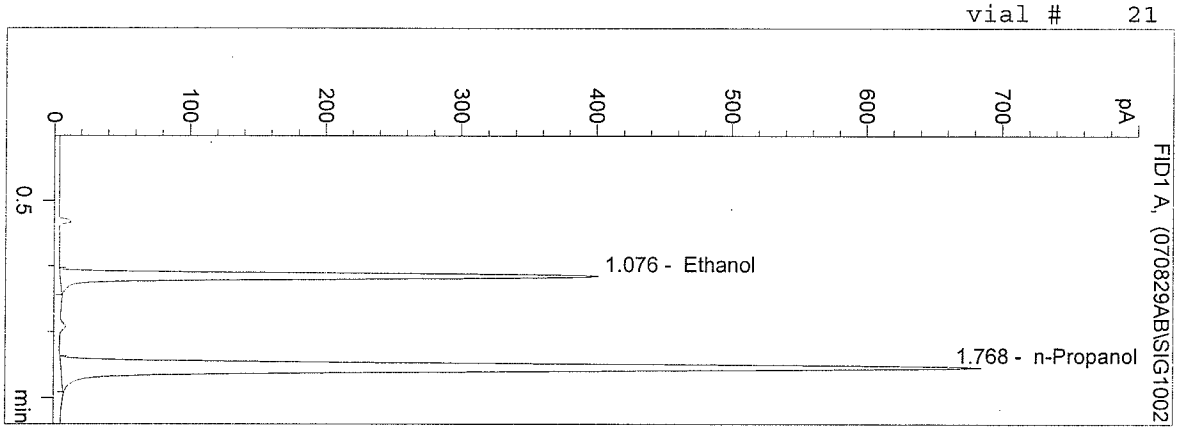
DB
9-25-07

WASHINGTON STATE TOXICOLOGY LABORATORY

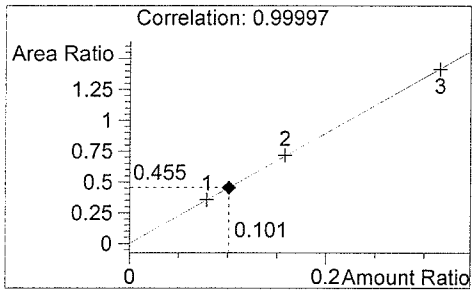
C:\HPCHEM\1\METHODS\BLDALCO.M
8/29/2007 3:05:09 PM
Instrument 1
DB ALC 1

SIM 07031-2
A. Black

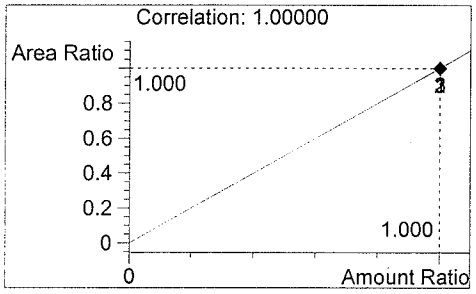
vial # 21



#	Compound	Area	RT
1	Ethanol	1224	1.076
2	n-Propanol	2689	1.768
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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9-25-07

WASHINGTON STATE TOXICOLOGY LABORATORY

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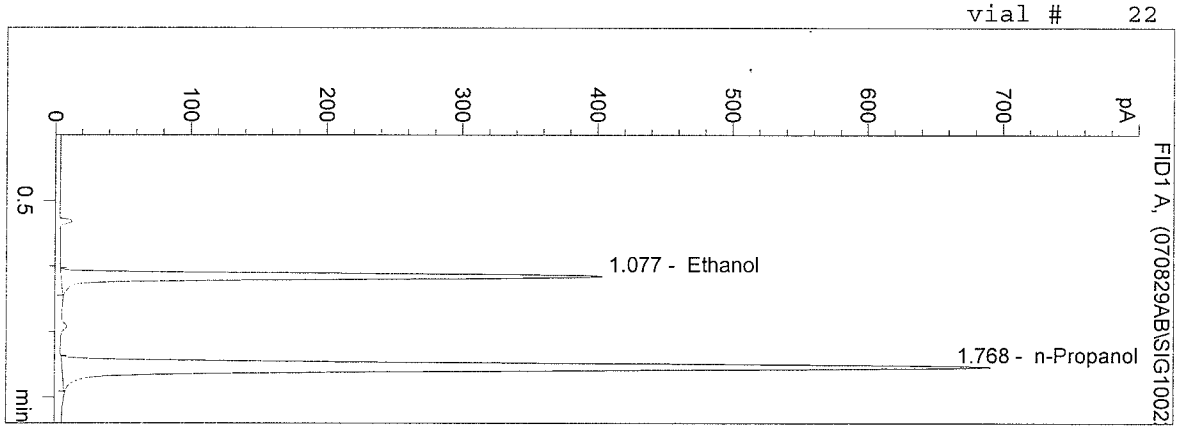
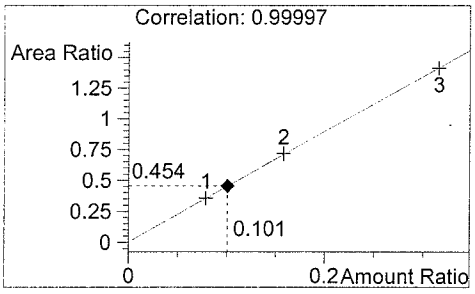
8/29/2007 3:08:14 PM
Instrument 1
DB ALC 1

SIM 07031-3
A. Black

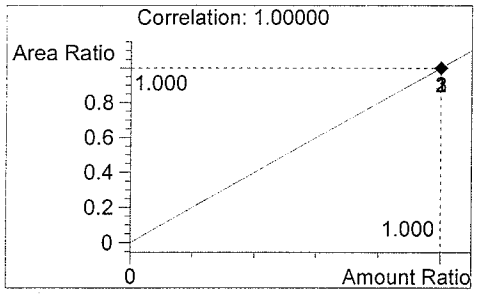
vial # 22



#	Compound	Area	RT
1	Ethanol	1231	1.077
2	n-Propanol	2711	1.768
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

CB
9-25-07

WASHINGTON STATE TOXICOLOGY LABORATORY

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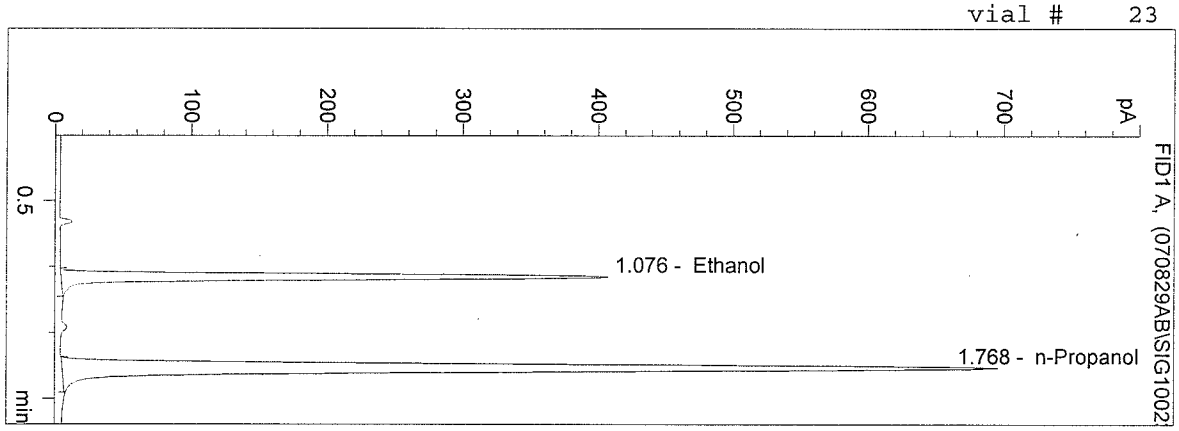
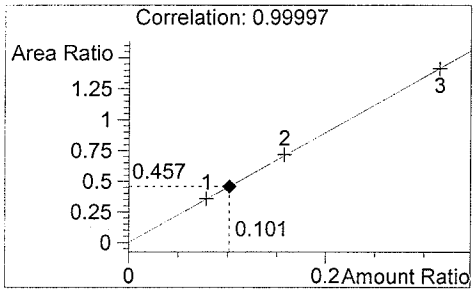
8/29/2007 3:11:19 PM
Instrument 1
DB ALC 1

SIM 07031-4
A. Black

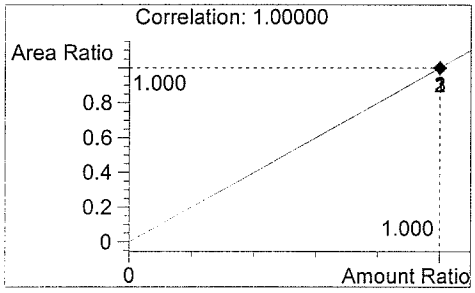
vial # 23



#	Compound	Area	RT
1	Ethanol	1246	1.076
2	n-Propanol	2726	1.768
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

AB
9-25-07

WASHINGTON STATE TOXICOLOGY LABORATORY

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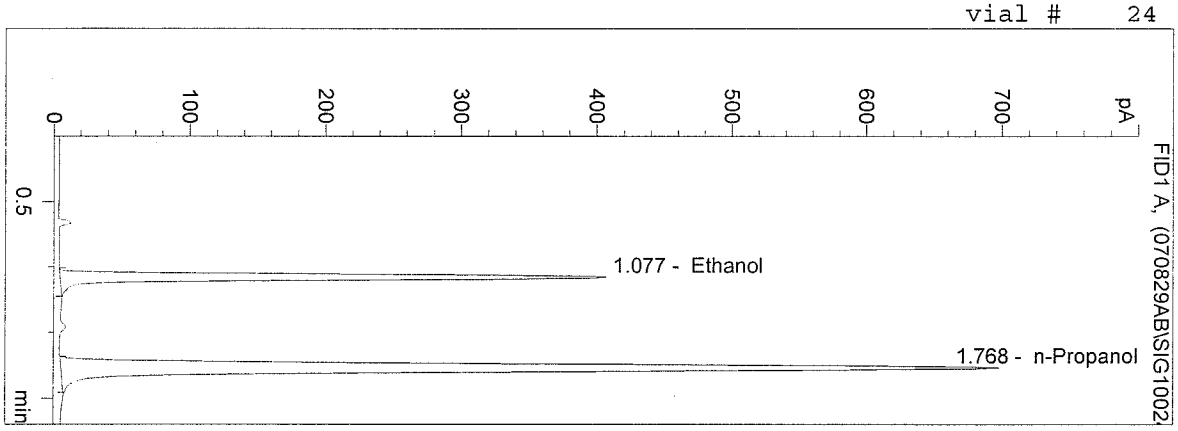
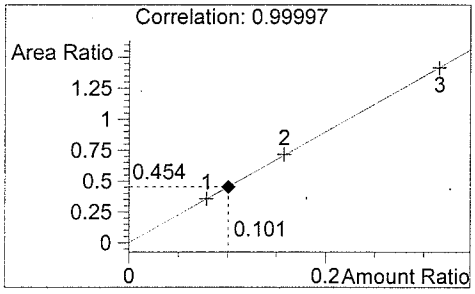
Instrument 1
DB ALC 1

SIM 07031-5
A. Black

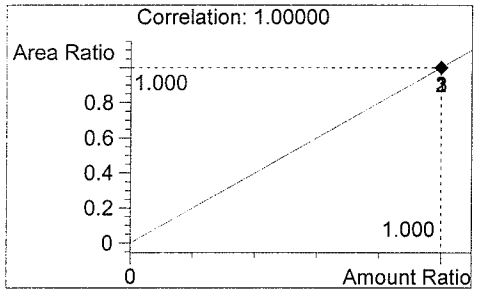
vial # 24



#	Compound	Area	RT
1	Ethanol	1243	1.077
2	n-Propanol	2740	1.768
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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9-25-07

WASHINGTON STATE TOXICOLOGY LABORATORY

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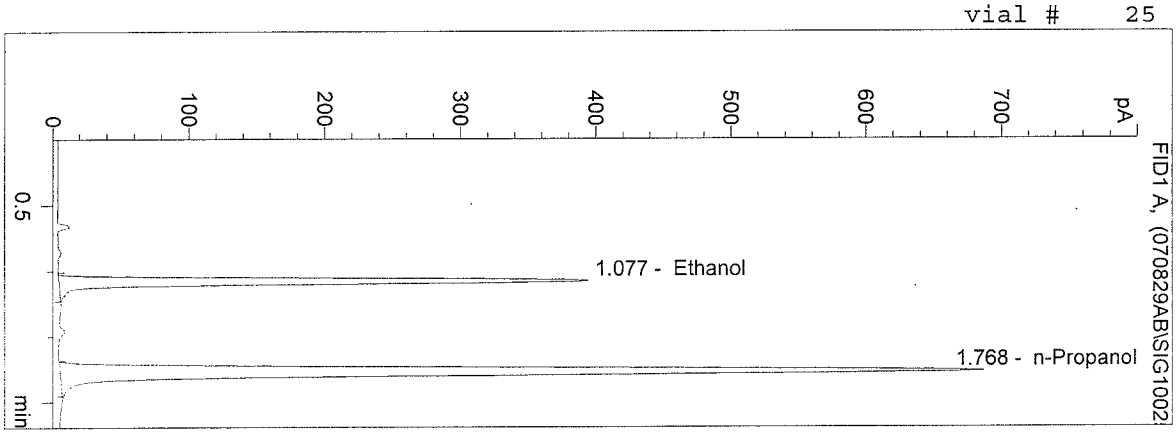
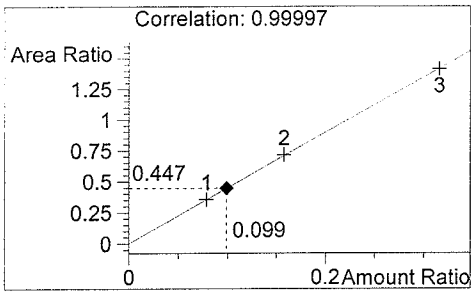
Instrument 1
DB ALC 1

0.10 CONTROL-AB
A. Black

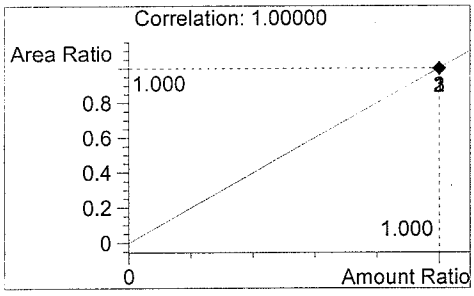
vial # 25



#	Compound	Area	RT
1	Ethanol	1202	1.077
2	n-Propanol	2687	1.768
Tot			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

AB
9-25-07

WASHINGTON STATE TOXICOLOGY LABORATORY

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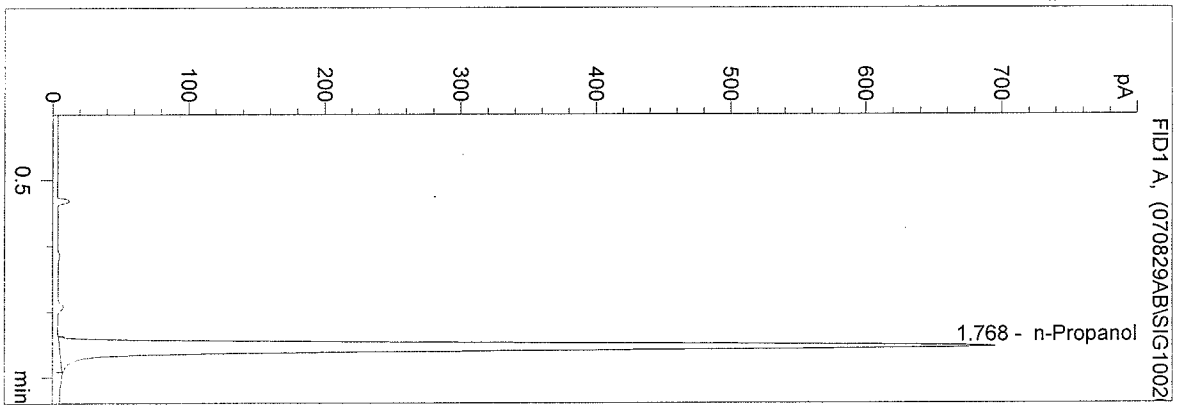
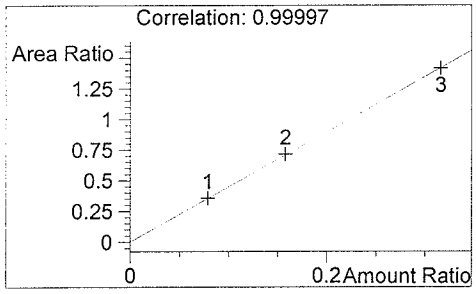
8/29/2007 3:20:33 PM
Instrument 1
DB ALC 1

BLANK
A. Black

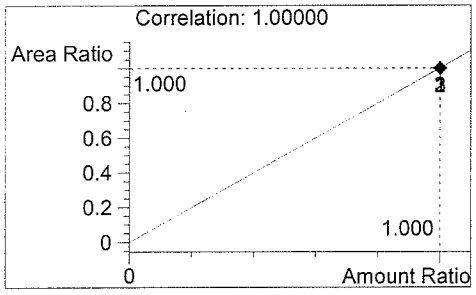
vial # 26



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2731	1.768
Tot			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

CB
9-25-07

Calibration Table

Calib. Data Modified : Wednesday, August 29, 2007 4:29:55 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : Floating Average New 75%
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

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

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

Signal 1: FID1 A,

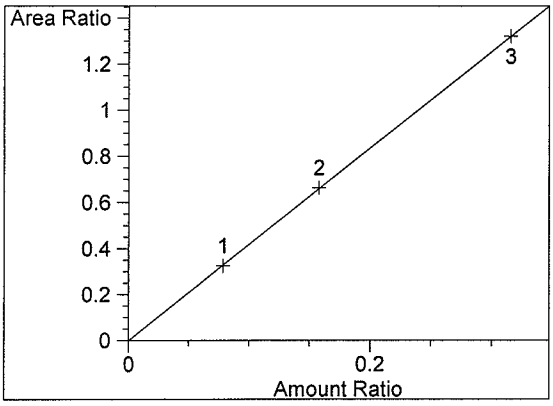
RetTime [min]	Lvl Sig		Amount [g/100ml]	Area	Amt/Area	Ref	Grp	Name
1.010	1	1	7.90000e-2	542.41779	1.45644e-4		1	Ethanol
		2	1.58000e-1	1087.98755	1.45222e-4			
		3	3.16000e-1	2226.53149	1.41925e-4			
1.667	1	1	1.00000	1669.99255	5.98805e-4		I1	n-Propanol
		2	1.00000	1642.68677	6.08759e-4			
		3	1.00000	1684.61755	5.93607e-4			

Peak Sum Table

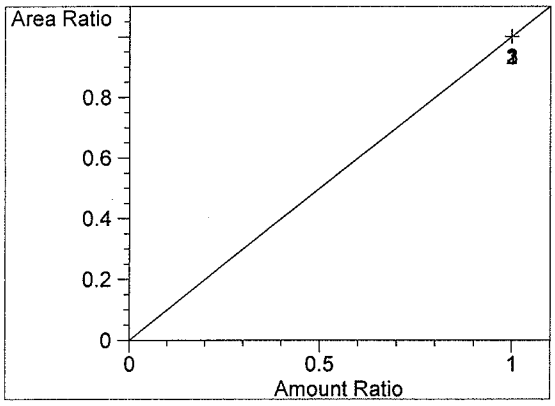
No Entries in table

EM 11-25-07

Calibration Curves



Ethanol at exp. RT: 1.010
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00368
Formula: y = mx + b
m: 4.18917
b: -1.95133e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.667
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

WASHINGTON STATE TOXICOLOGY LABORATORY

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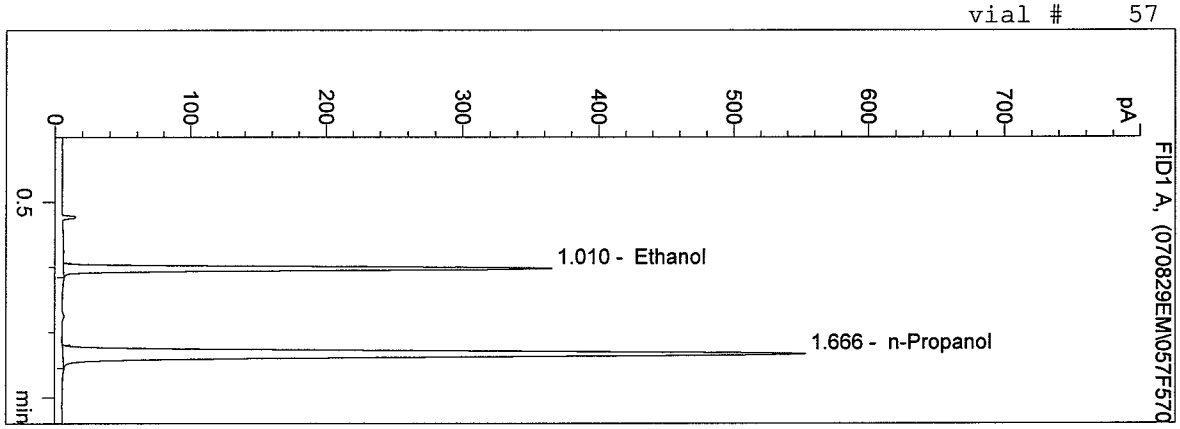
8/29/2007 8:00:48 PM
Instrument 4
DB-ALC1

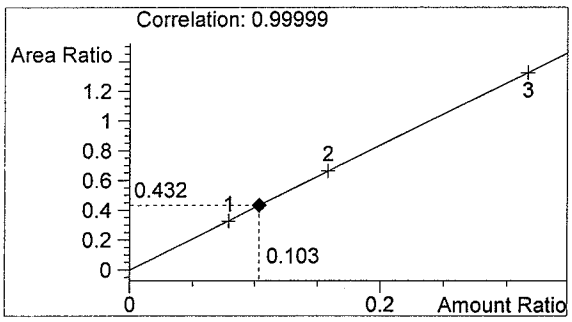
Sim Sol 07031-1
Estuardo J. Miranda

vial # 57



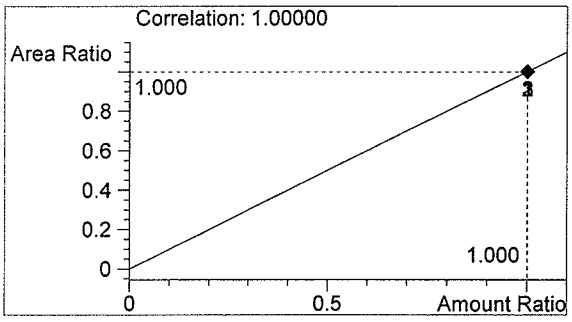
#	Compound	Area	RT
1	Ethanol	746	1.010
2	n-Propanol	1730	1.666

Totals:



Ethanol 0.103 g/100ml

EM 9-25-07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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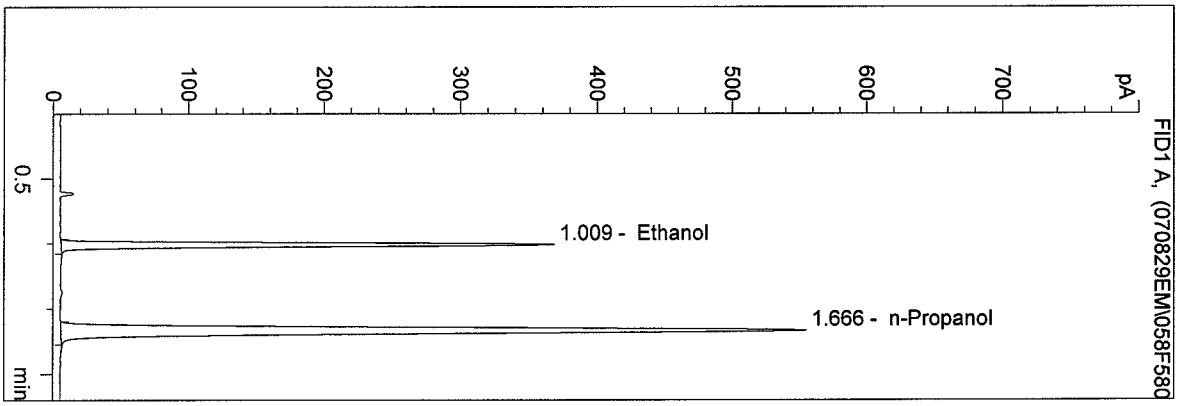
8/29/2007 8:04:04 PM
Instrument 4
DB-ALC1

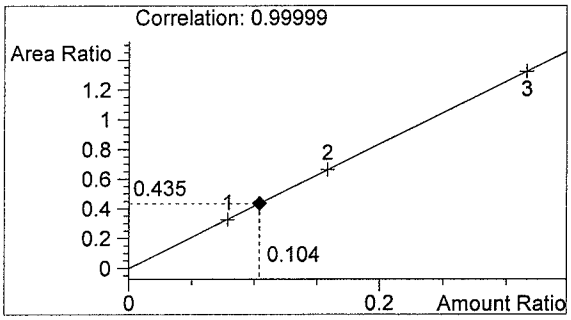
Sim Sol 07031-2
Estuardo J. Miranda

vial # 58



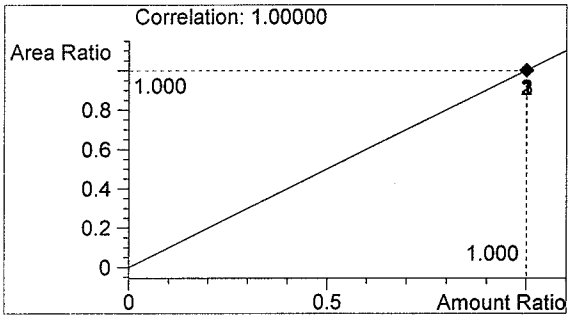
#	Compound	Area	RT
1	Ethanol	754	1.009
2	n-Propanol	1735	1.666

Totals:



Ethanol 0.104 g/100ml

EM
9-25-07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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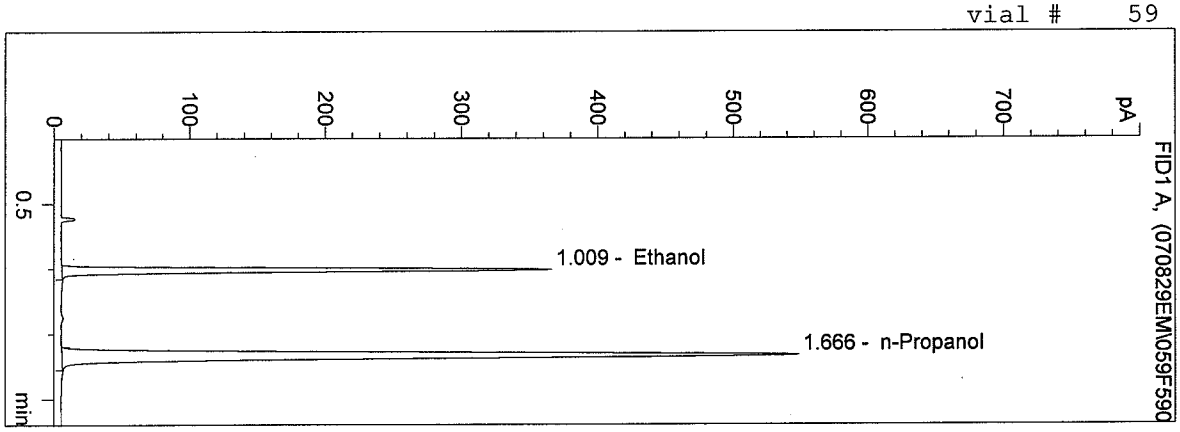
8/29/2007 8:07:19 PM
Instrument 4
DB-ALC1

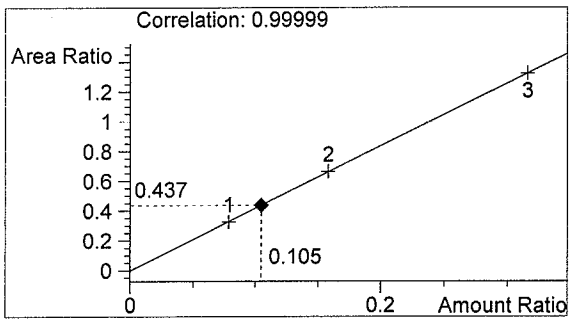
Sim Sol 07031-3
Estuardo J. Miranda

vial # 59



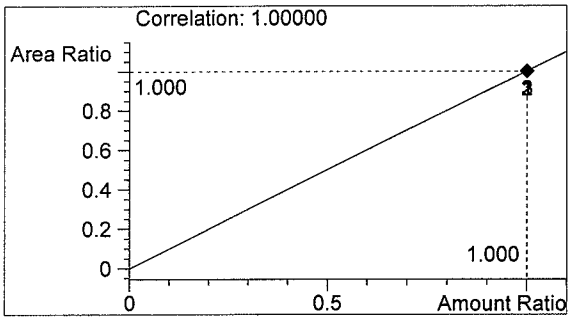
#	Compound	Area	RT
1	Ethanol	749	1.009
2	n-Propanol	1713	1.666

Totals:



Ethanol 0.105 g/100ml

EM
9-25-07



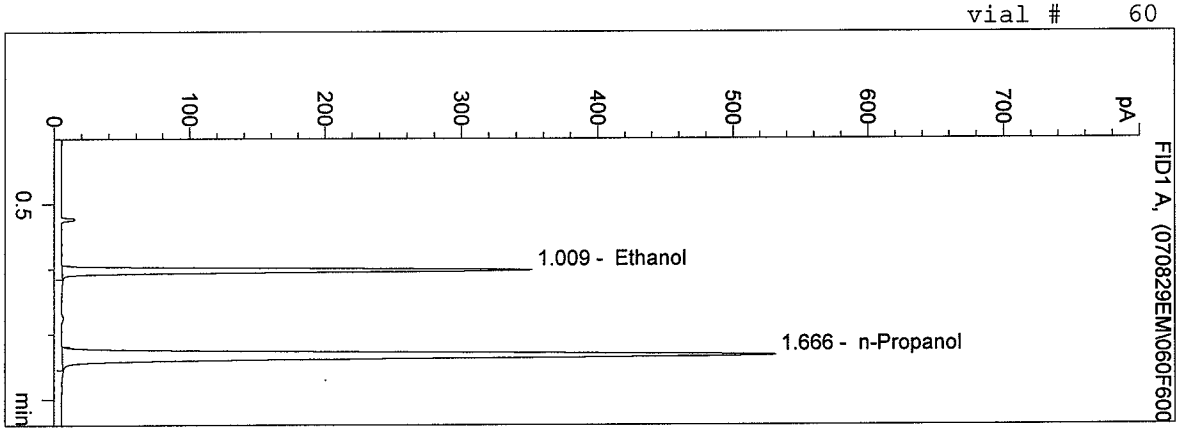
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/29/2007 8:10:31 PM
Instrument 4
DB-ALC1

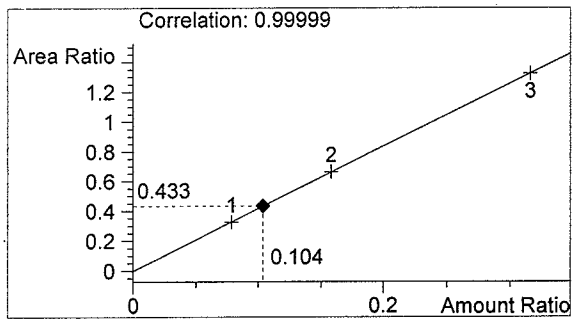
Sim Sol 07031-4
Estuardo J. Miranda

vial # 60



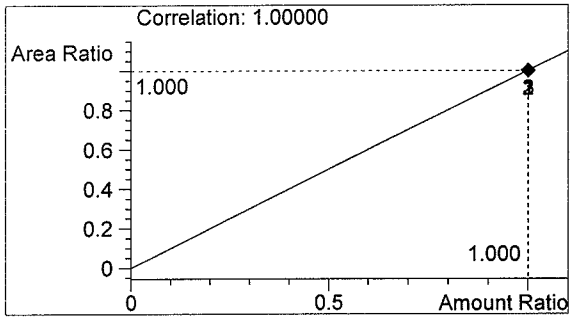
#	Compound	Area	RT
1	Ethanol	719	1.009
2	n-Propanol	1659	1.666

Totals:



Ethanol 0.104 g/100ml

EM 9-25-07



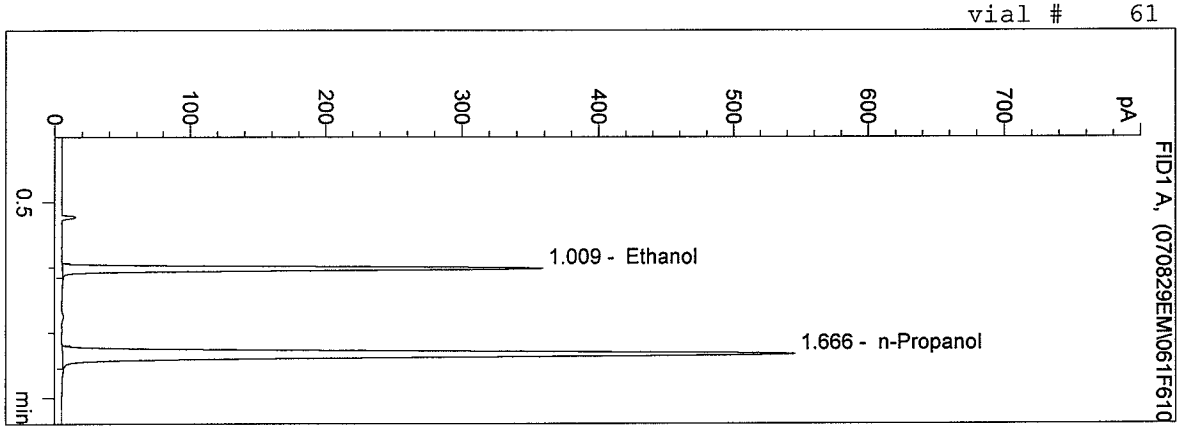
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/29/2007 8:13:51 PM
Instrument 4
DB-ALC1

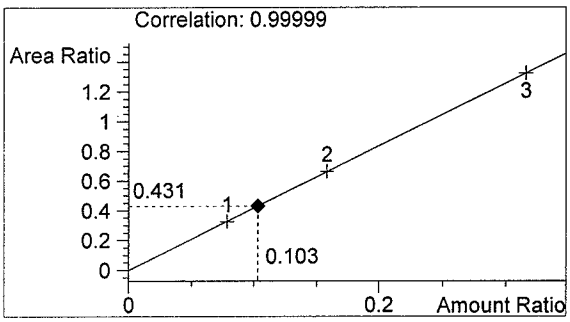
Sim Sol 07031-5
Estuardo J. Miranda

vial # 61



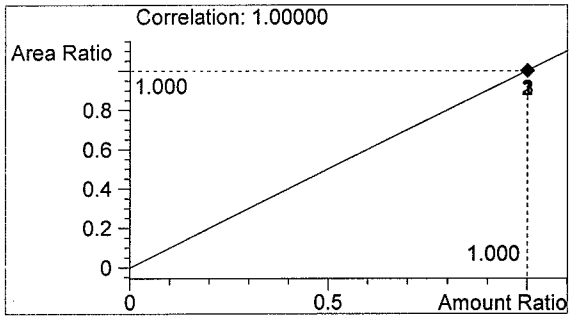
#	Compound	Area	RT
1	Ethanol	735	1.009
2	n-Propanol	1706	1.666

Totals:



Ethanol 0.103 g/100ml

EM
9-25-07



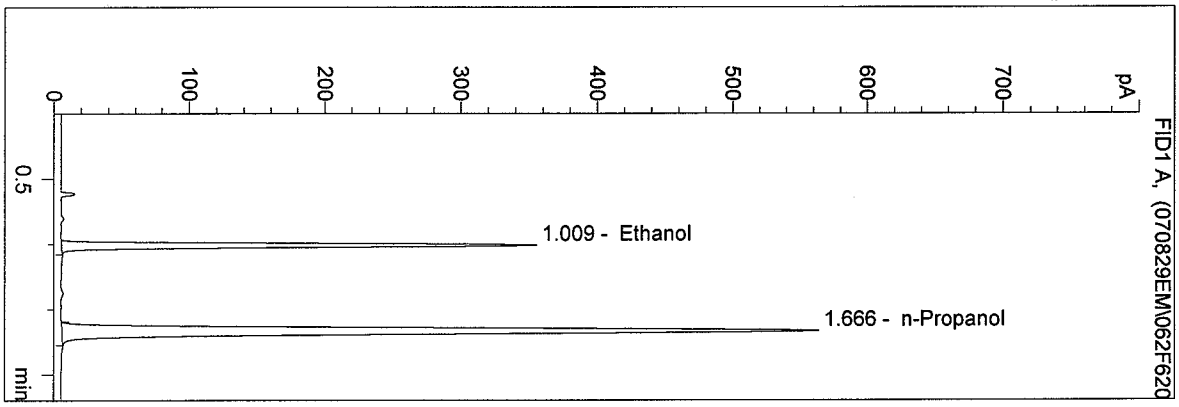
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/29/2007 8:17:11 PM
Instrument 4
DB-ALC1

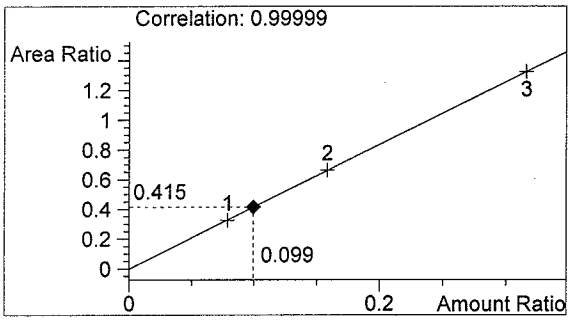
0.100 EM Control
Estuardo J. Miranda

vial # 62



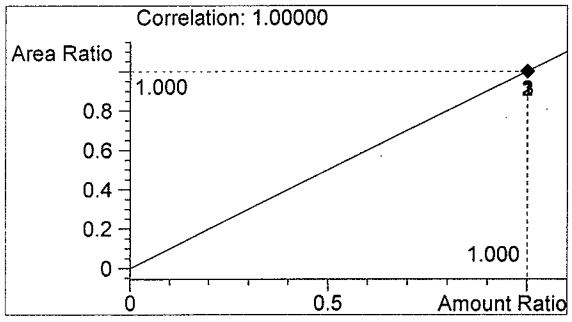
#	Compound	Area	RT
1	Ethanol	732	1.009
2	n-Propanol	1766	1.666

Totals:



Ethanol 0.099 g/100ml

EM
9-25-07



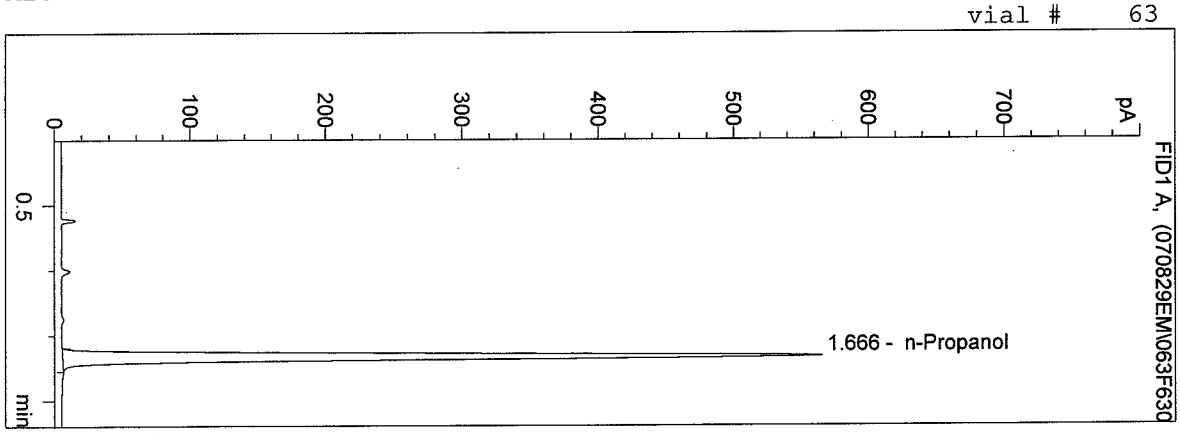
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/29/2007 8:20:31 PM
Instrument 4
DB-ALC1

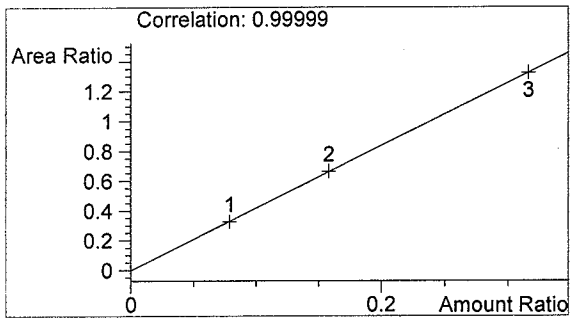
BLANK
Estuardo J. Miranda

vial # 63

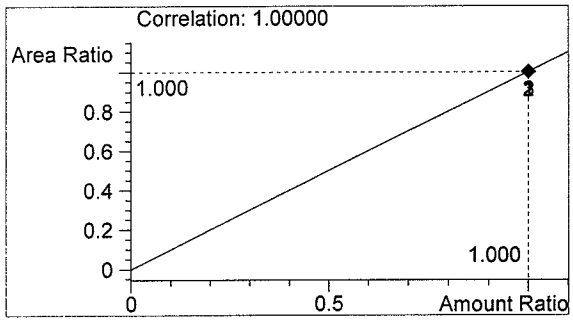


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1770	1.666

Totals:



Ethanol 0.000 g/100ml EU 9-25-07



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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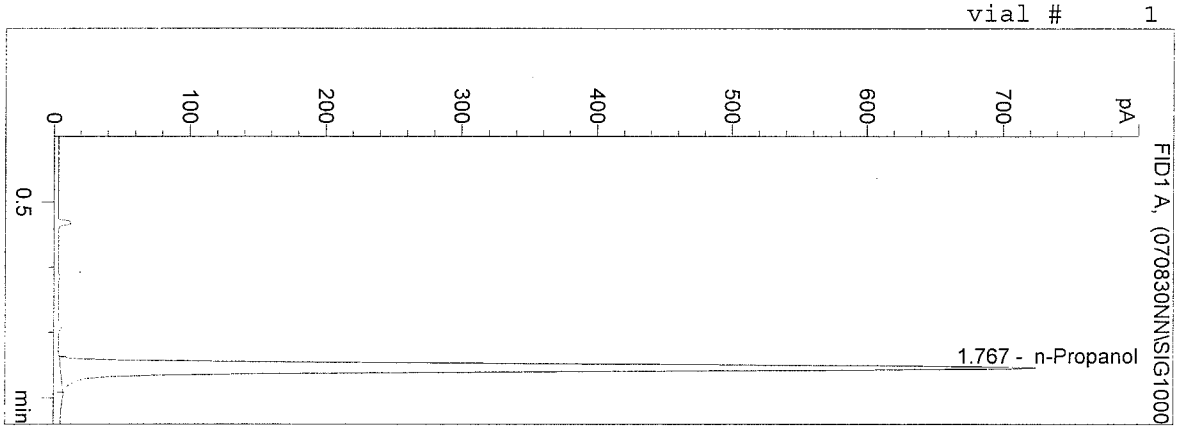
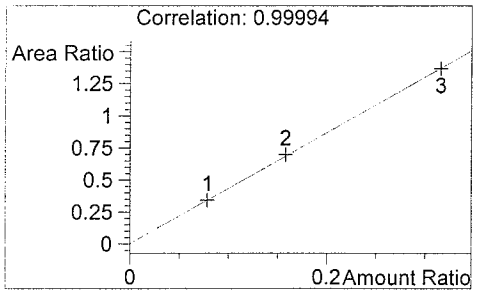
8/30/2007 7:16:21 AM
Instrument 1
DB ALC 1

BLANK
N Nuwayhid, PhD

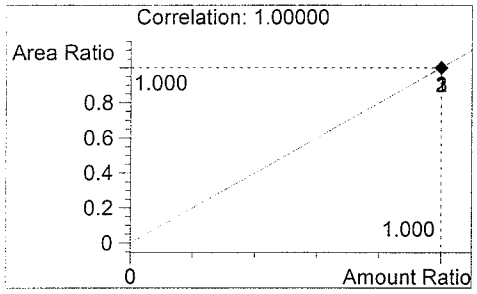
vial # 1



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2844	1.767
Tot			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

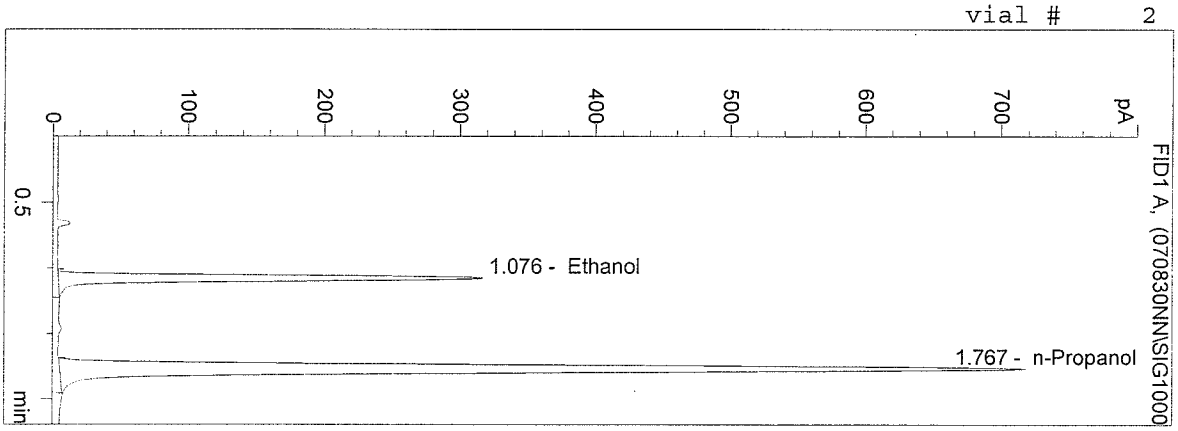
9-25-07
N

WASHINGTON STATE TOXICOLOGY LABORATORY

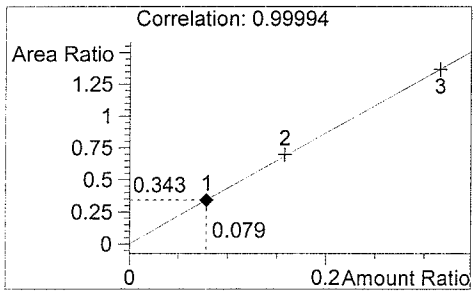
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 7:19:26 AM
Instrument 1
DB ALC 1

0.079 CAL1
N Nuwayhid, PhD

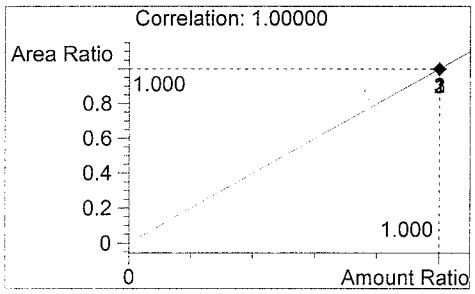
vial # 2



#	Compound	Area	RT
1	Ethanol	968	1.076
2	n-Propanol	2822	1.767
Tot			



Ethanol 0.079 g/100ml



n-Propanol 1.000 g/100ml

9-25-07
NN

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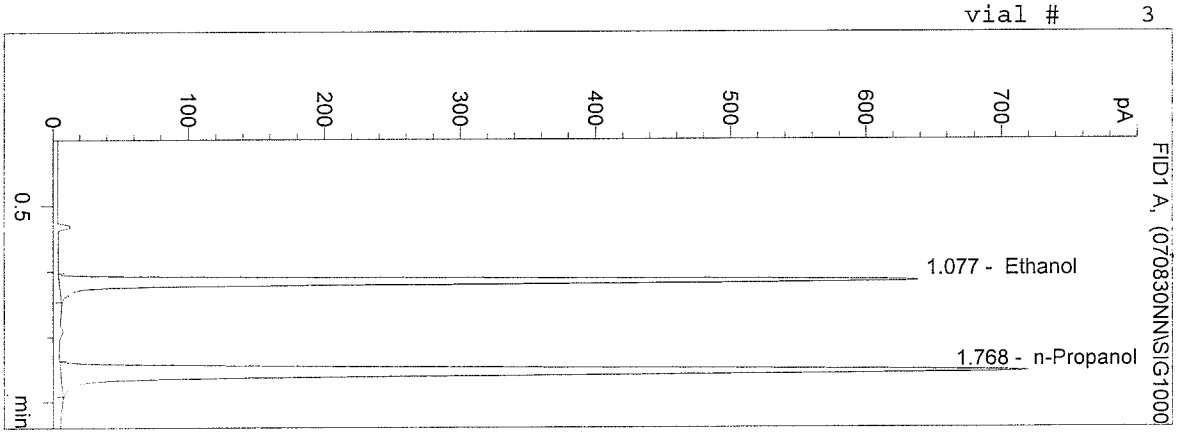
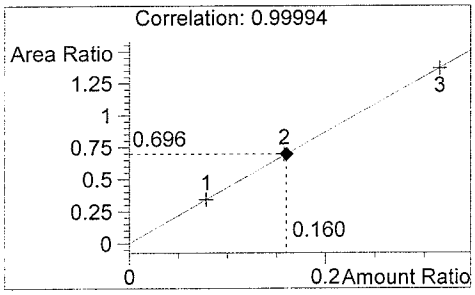
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 7:22:31 AM
Instrument 1
DB ALC 1

0.158 CAL2
N Nuwayhid, PhD

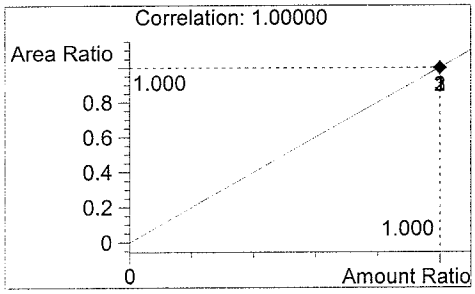
vial # 3



#	Compound	Area	RT
1	Ethanol	1967	1.077
2	n-Propanol	2824	1.768
Tot			



Ethanol 0.160 g/100ml



n-Propanol 1.000 g/100ml

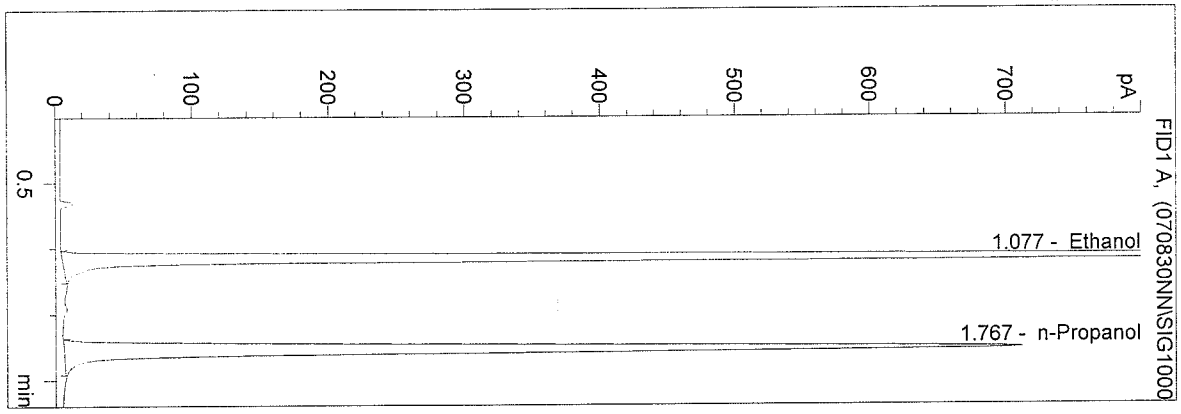
9-25-07
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

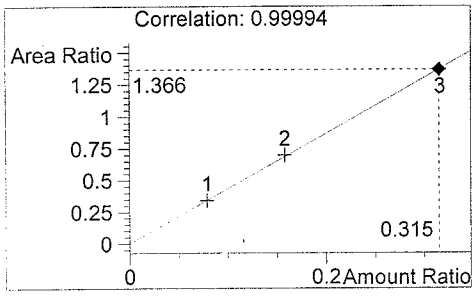
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 7:25:35 AM
Instrument 1
DB ALC 1

0.316 CAL3
N Nuwayhid, PhD

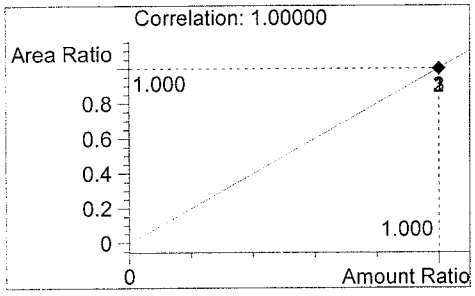
vial # 4



#	Compound	Area	RT
1	Ethanol	3829	1.077
2	n-Propanol	2803	1.767
Tot			



Ethanol 0.315 g/100ml



n-Propanol 1.000 g/100ml

9-25-07
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

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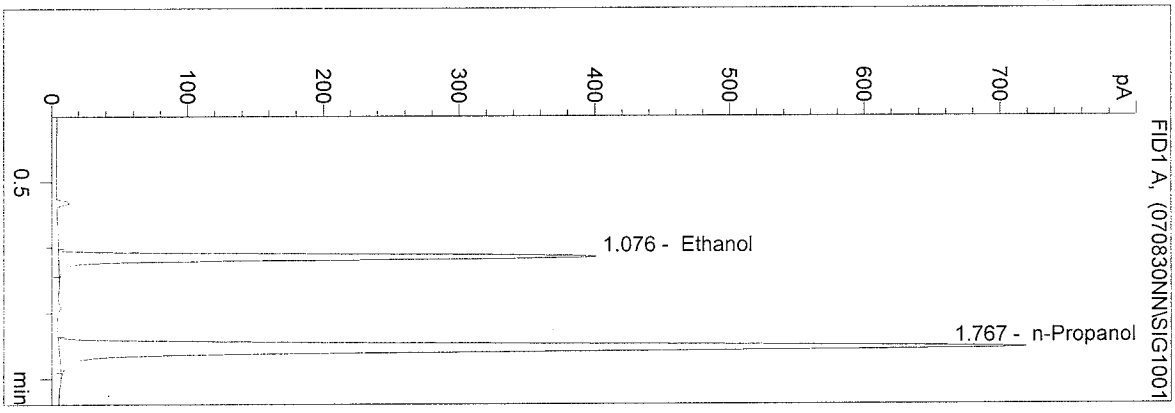
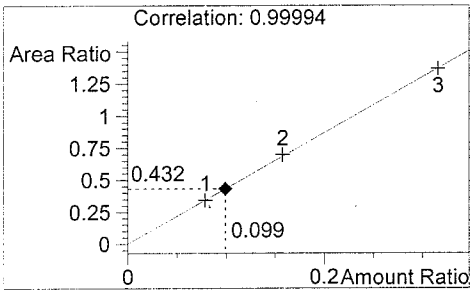
8/30/2007 7:44:19 AM
Instrument 1
DB ALC 1

0.100 CTRL-NN
N Nuwayhid, PhD

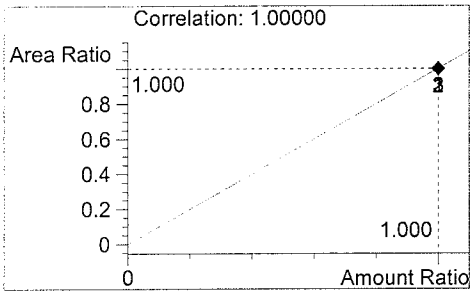
vial # 10



#	Compound	Area	RT
1	Ethanol	1223	1.076
2	n-Propanol	2829	1.767
Tot			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

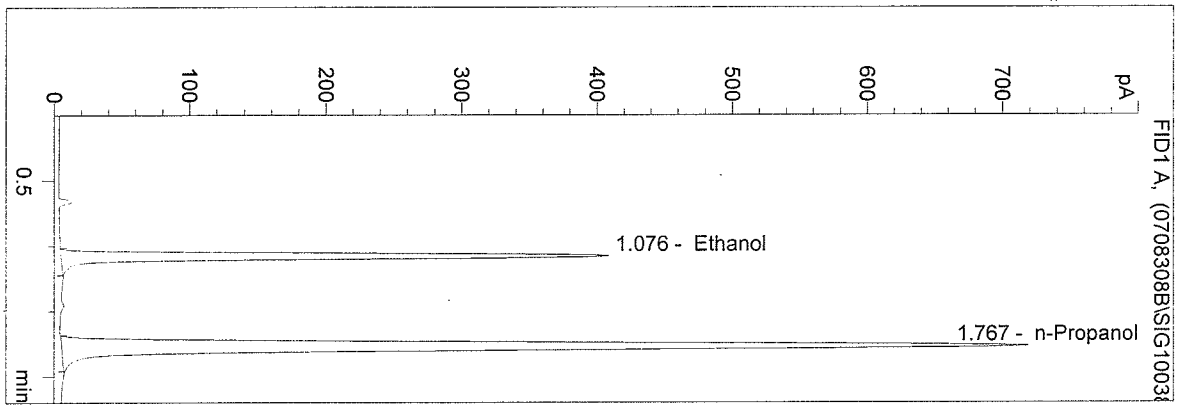
9-25-07
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

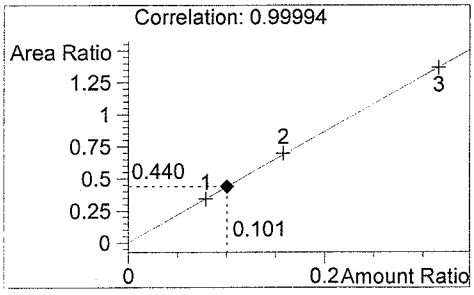
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 10:38:33 AM
Instrument 1
DB ALC 1

Sim 07031-1
N Nuwayhid, PhD

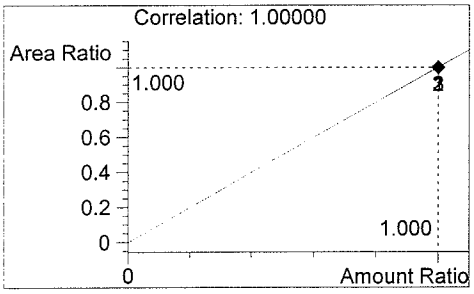
vial # 38



#	Compound	Area	RT
1	Ethanol	1245	1.076
2	n-Propanol	2831	1.767
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

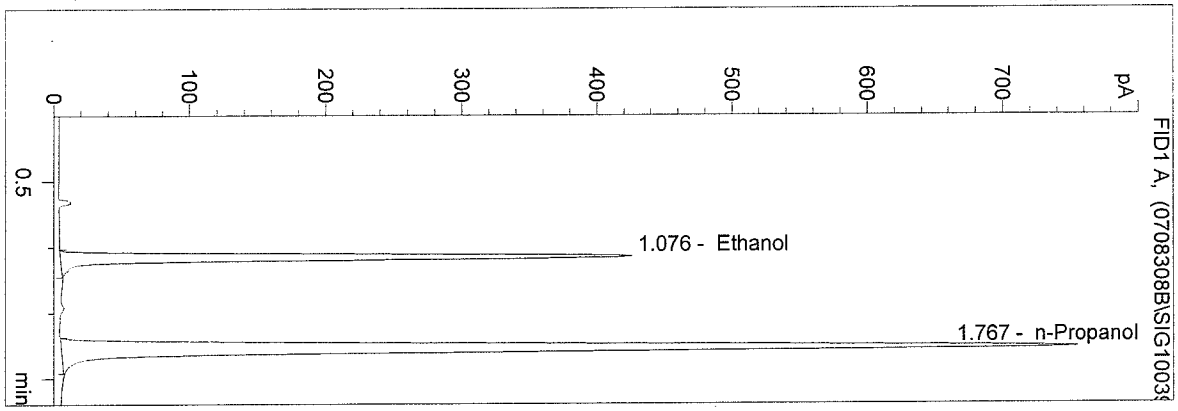
9-25-07
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

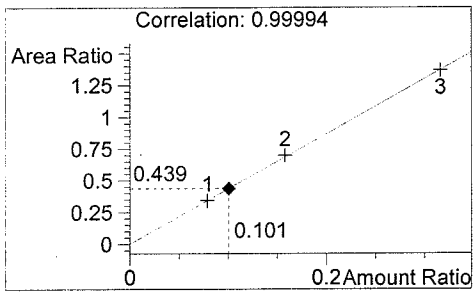
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 10:41:38 AM
Instrument 1
DB ALC 1

Sim 07031-2
N Nuwayhid, PhD

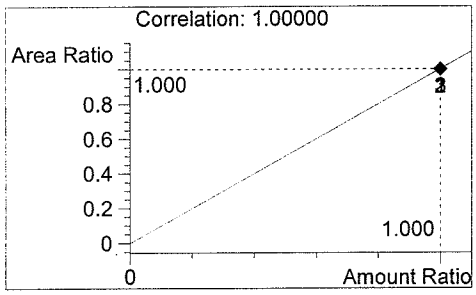
vial # 39



#	Compound	Area	RT
1	Ethanol	1299	1.076
2	n-Propanol	2961	1.767
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

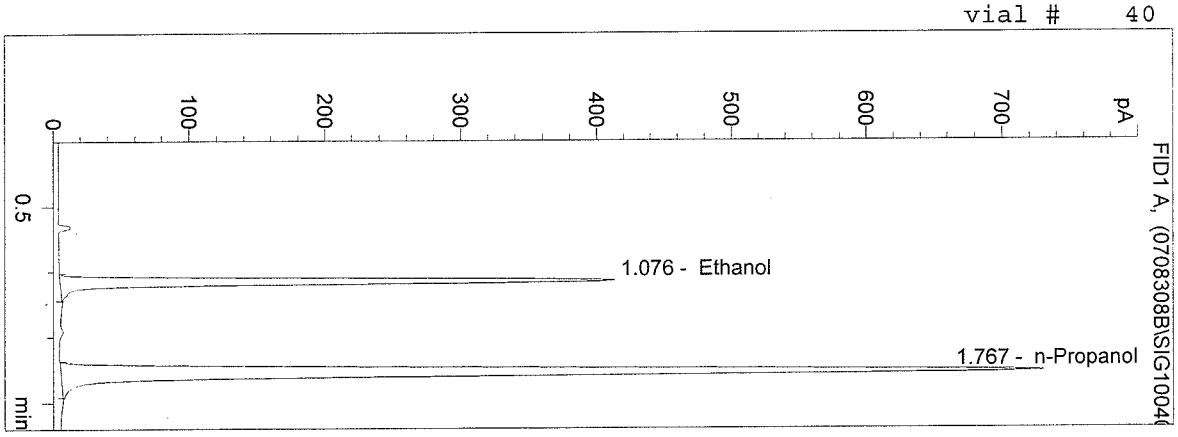
9-25-07
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

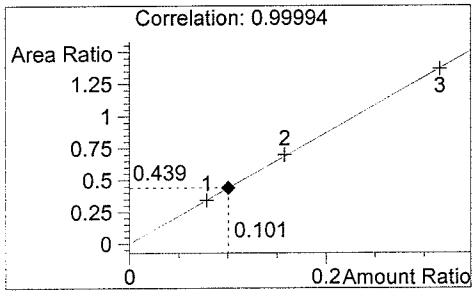
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 10:44:42 AM
Instrument 1
DB ALC 1

Sim 07031-3
N Nuwayhid, PhD

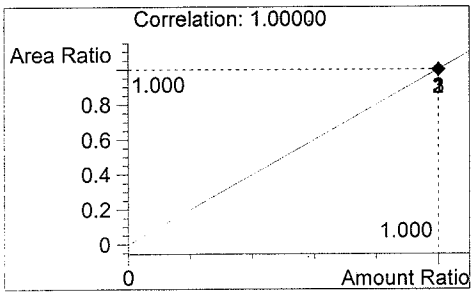
vial # 40



#	Compound	Area	RT
1	Ethanol	1259	1.076
2	n-Propanol	2866	1.767
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

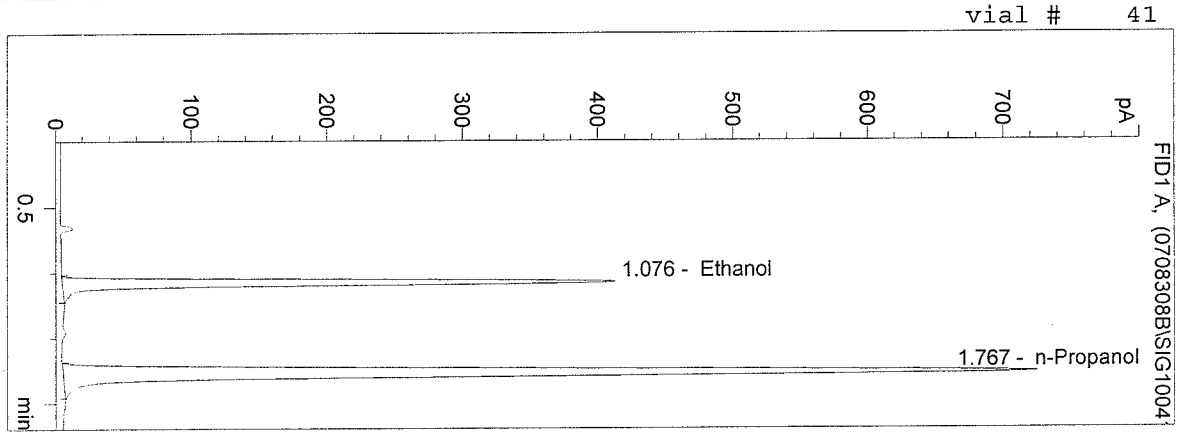
9-25-07
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

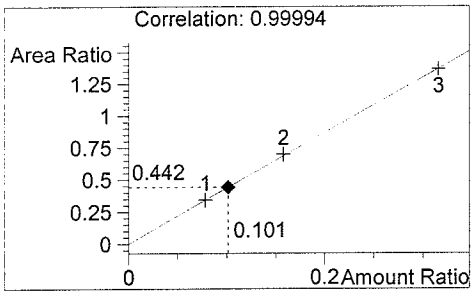
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 10:47:47 AM
Instrument 1
DB ALC 1

Sim 07031-4
N Nuwayhid, PhD

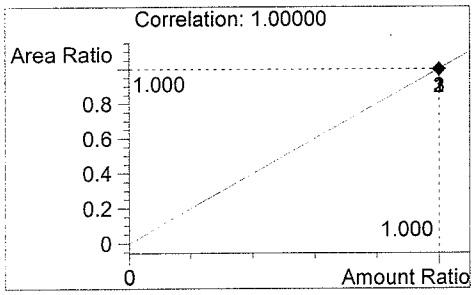
vial # 41



#	Compound	Area	RT
1	Ethanol	1258	1.076
2	n-Propanol	2847	1.767
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

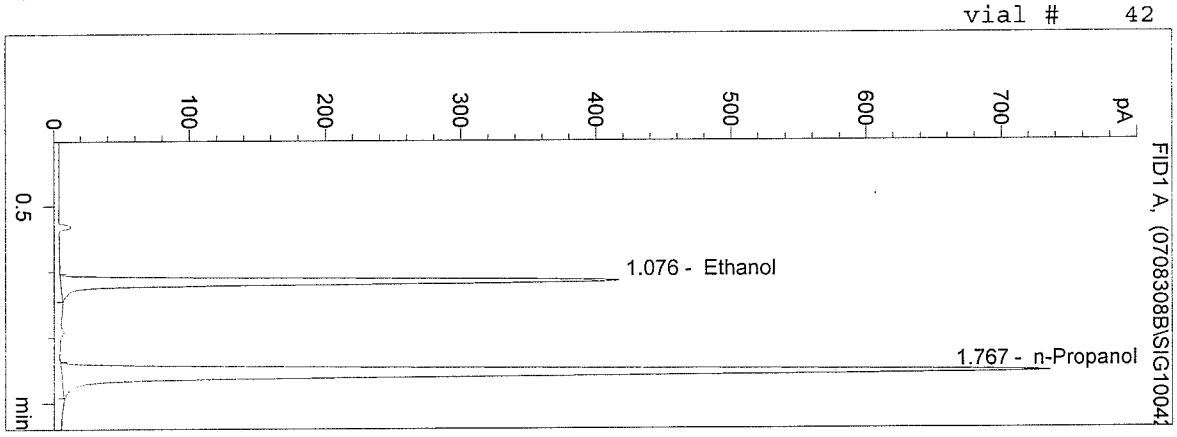
9-25-07
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

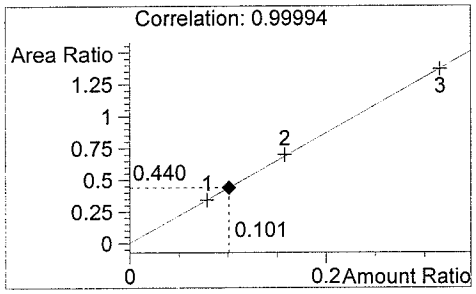
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 10:50:52 AM
Instrument 1
DB ALC 1

Sim 07031-5
N Nuwayhid, PhD

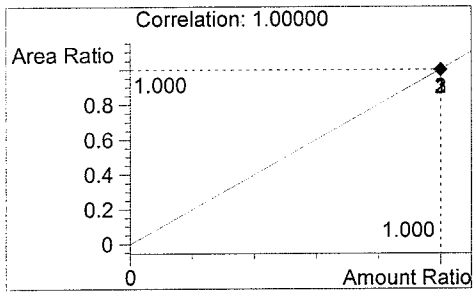
vial # 42



#	Compound	Area	RT
1	Ethanol	1272	1.076
2	n-Propanol	2889	1.767
Tot			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

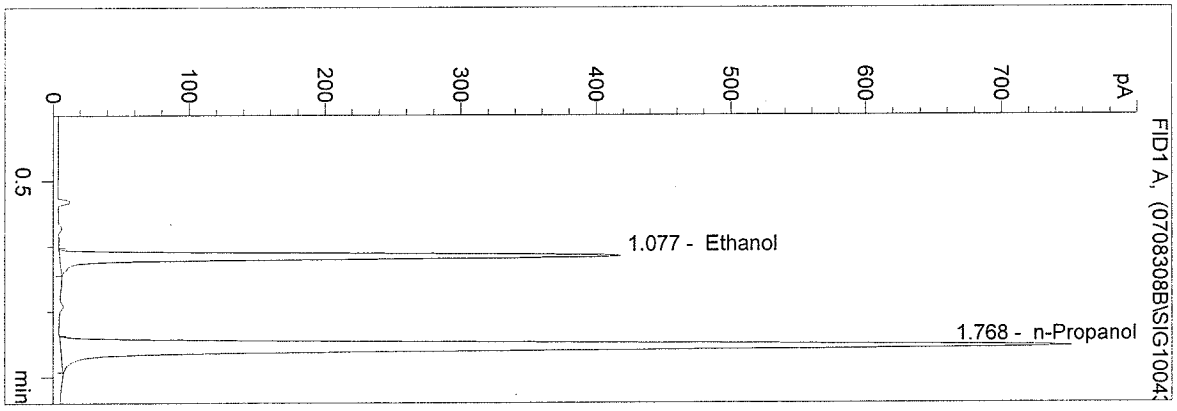
9-25-07
ND

WASHINGTON STATE TOXICOLOGY LABORATORY

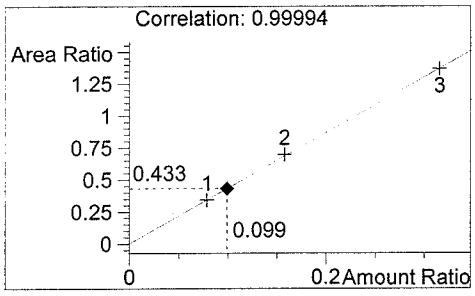
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 10:53:57 AM
Instrument 1
DB ALC 1

0.10 Ctrl-NN
N Nuwayhid, PhD

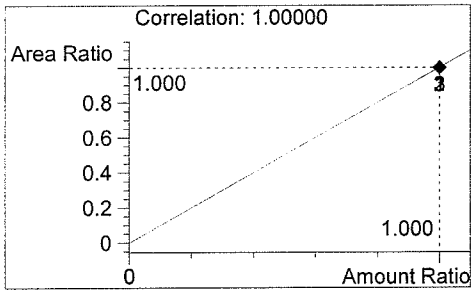
vial # 43



#	Compound	Area	RT
1	Ethanol	1277	1.077
2	n-Propanol	2952	1.768
Tot			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

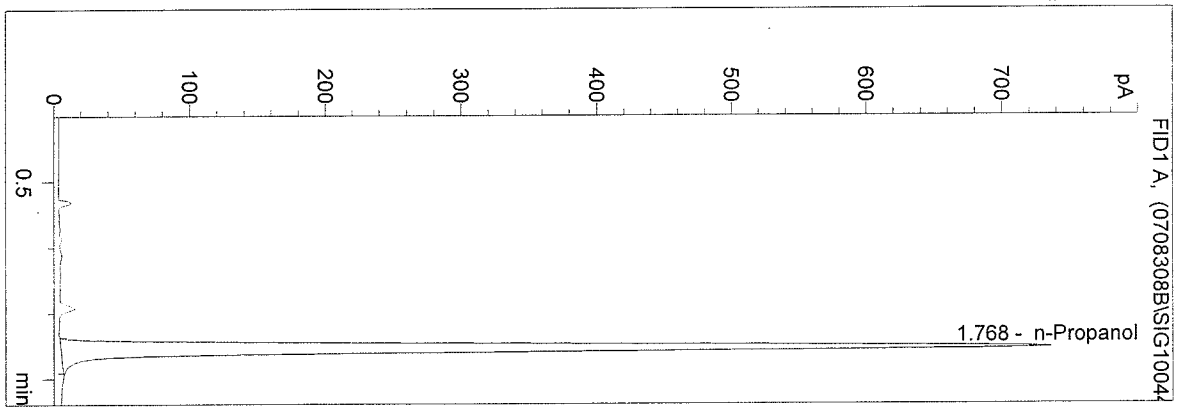
9-25-07
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

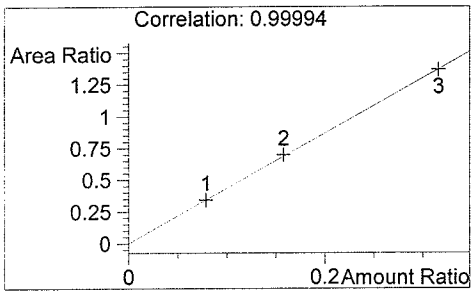
C:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2007 10:57:02 AM
Instrument 1
DB ALC 1

Blank
N Nuwayhid, PhD

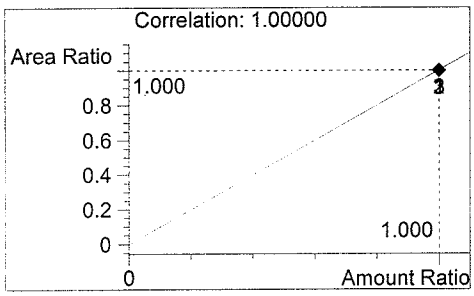
vial # 44



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2890	1.768
Tot			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

9-25-07
NN

Sequence Parameters:

Operator:	R FLAHERTY
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	070831RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

RF
09/26/07

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO	1	Calib		
5	Vial 5	blank	BLDALCO	1	Ctrl Samp		
6	Vial 6	0.02 STD	BLDALCO	1	Sample		
7	Vial 7	0.04 Ctl-RF	BLDALCO	1	Ctrl Samp		
8	Vial 8	0.10 Ctl-RF	BLDALCO	1	Ctrl Samp		
9	Vial 9	0.20 Ctl-RF	BLDALCO	1	Ctrl Samp		
10	Vial 10	BLANK	BLDALCO	1	Sample		
11	Vial 11	07031-1	BLDALCO	1	Sample		
12	Vial 12	07031-2	BLDALCO	1	Sample		
13	Vial 13	07031-3	BLDALCO	1	Sample		
14	Vial 14	07031-4	BLDALCO	1	Sample		
15	Vial 15	07031-5	BLDALCO	1	Sample		
16	Vial 16	0.10 Ctl-RF	BLDALCO	1	Ctrl Samp		
17	Vial 17	BLANK	BLDALCO	1	Sample		
18	Vial 18	07032-1	BLDALCO	1	Sample		
19	Vial 19	07032-2	BLDALCO	1	Sample		
20	Vial 20	07032-3	BLDALCO	1	Sample		
21	Vial 21	07032-4	BLDALCO	1	Sample		
22	Vial 22	07032-5	BLDALCO	1	Sample		
23	Vial 23	0.10 Ctl-RF	BLDALCO	1	Ctrl Samp		
24	Vial 24	BLANK	BLDALCO	1	Sample		

Sequence Table (Back Injector):

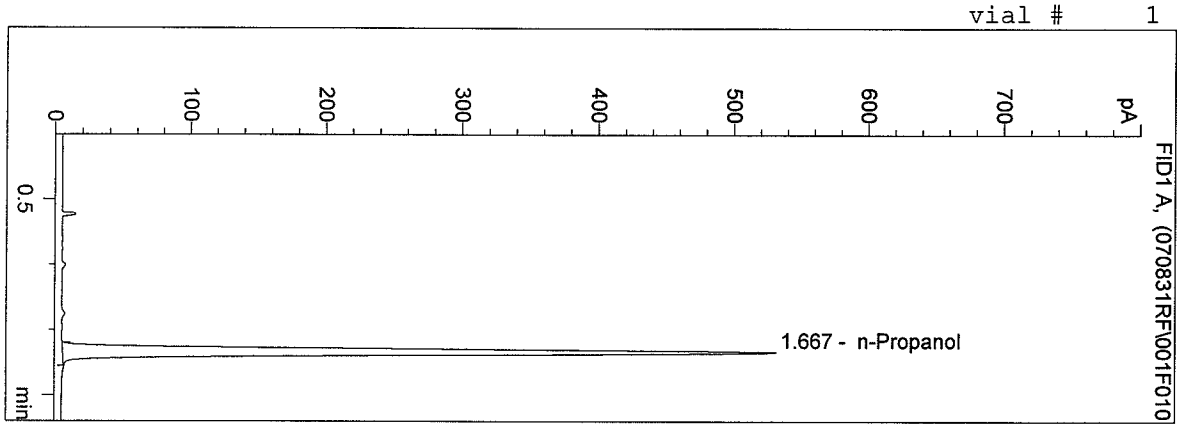
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/31/2007 10:00:23 AM
Instrument 4
DB-ALC1

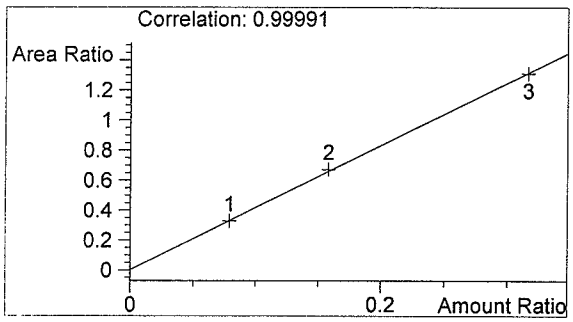
BLANK
R FLAHERTY

vial # 1

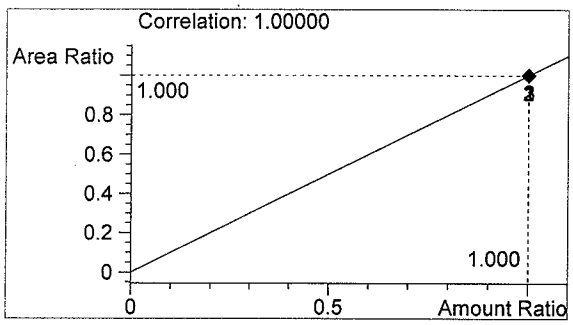


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1658	1.667
Totals:			

RF
09/26/07



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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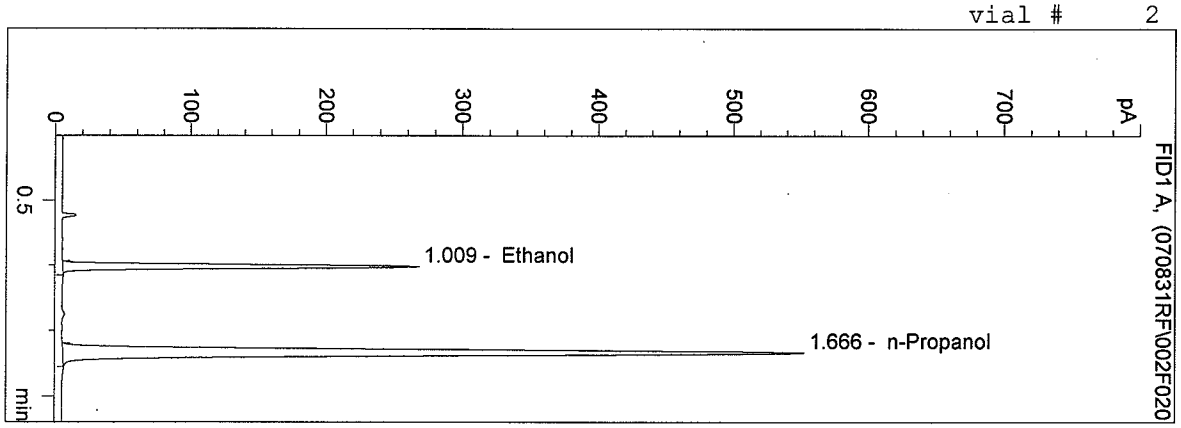
8/31/2007 10:03:41 AM
Instrument 4
DB-ALC1

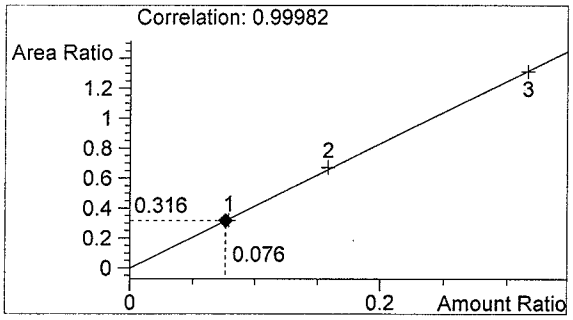
0.079 CAL
R FLAHERTY

vial # 2

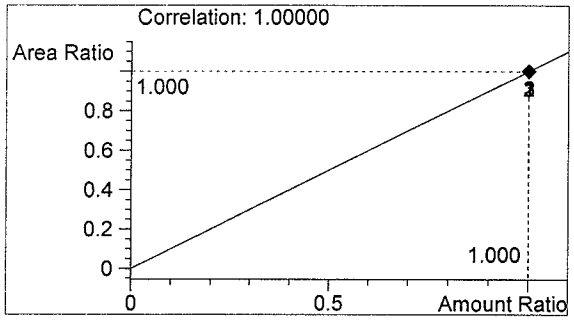


#	Compound	Area	RT
1	Ethanol	547	1.009
2	n-Propanol	1731	1.666
Totals:			

RF
09/26/07



Ethanol 0.076 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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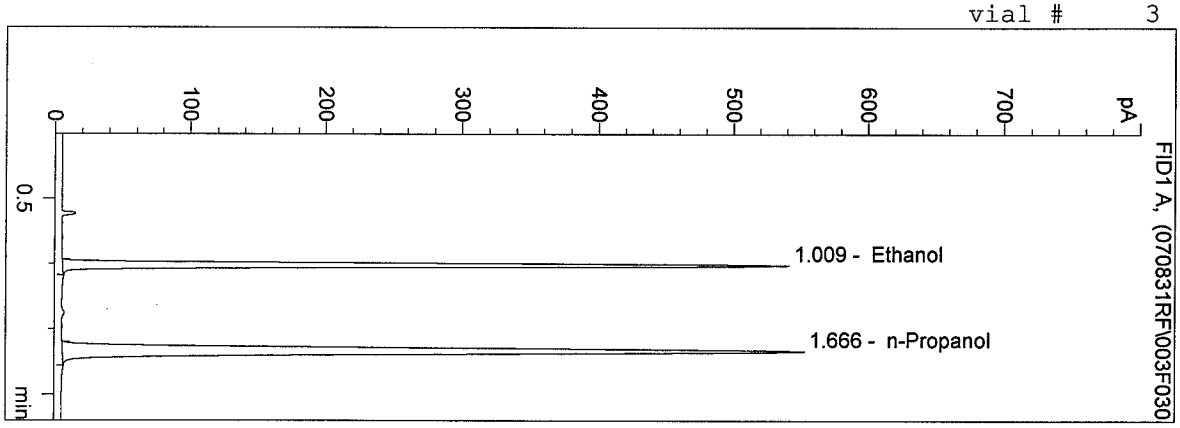
8/31/2007 10:06:56 AM
Instrument 4
DB-ALC1

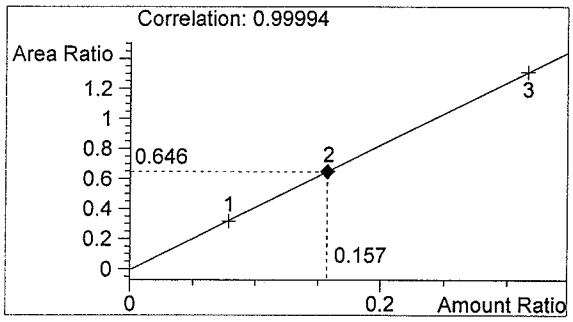
0.158 CAL
R FLAHERTY

vial # 3

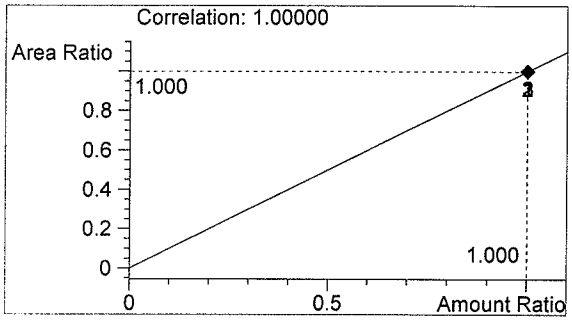


#	Compound	Area	RT
1	Ethanol	1120	1.009
2	n-Propanol	1733	1.666
Totals:			

RF
09/26/07



Ethanol 0.157 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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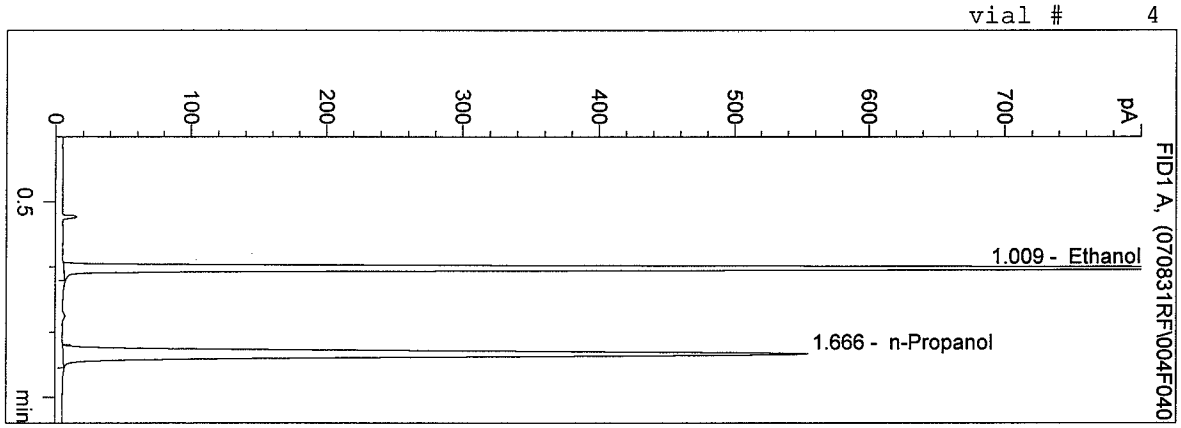
8/31/2007 10:10:17 AM
Instrument 4
DB-ALC1

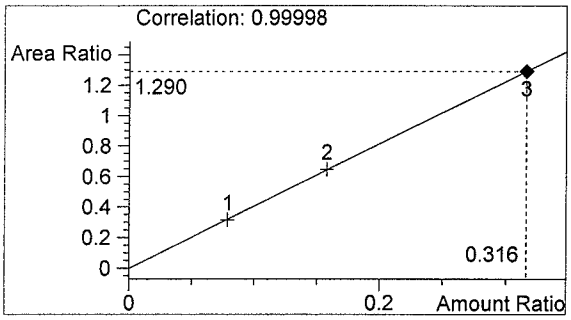
0.316 CAL
R FLAHERTY

vial # 4

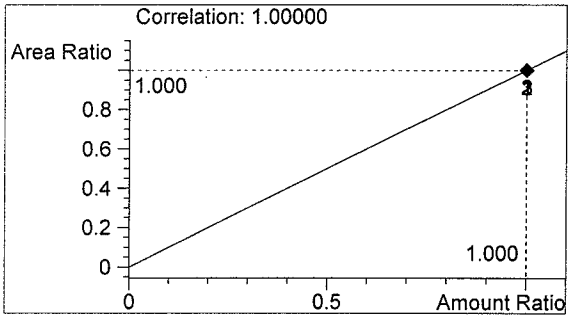


#	Compound	Area	RT
1	Ethanol	2234	1.009
2	n-Propanol	1732	1.666
Totals:			

RF
09/26/07



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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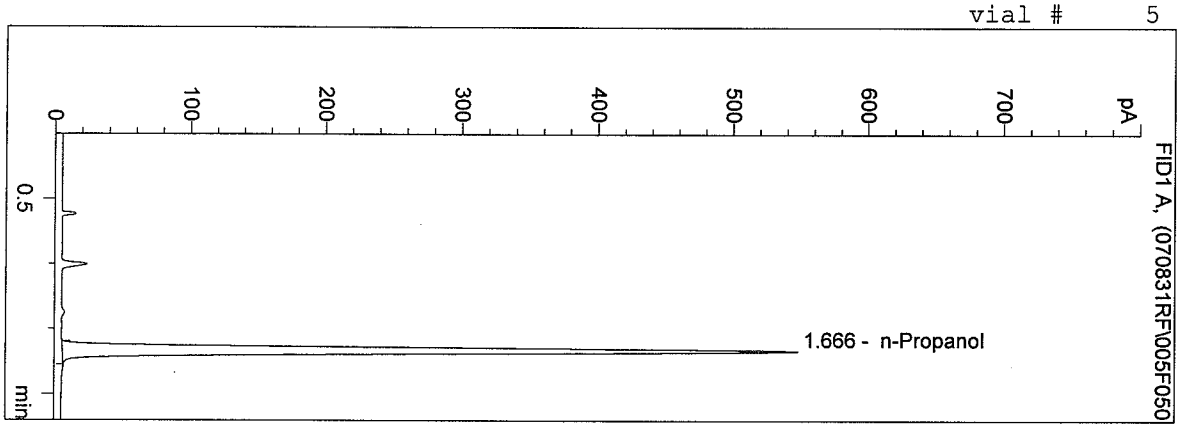
8/31/2007 10:13:28 AM
Instrument 4
DB-ALC1

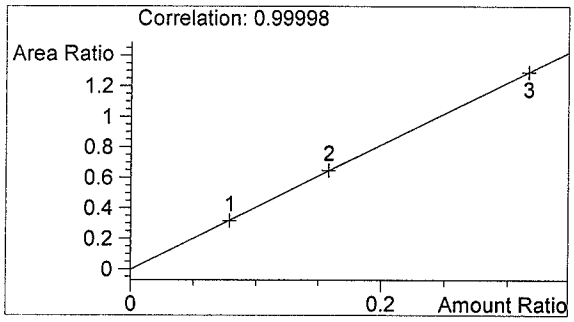
blank
R FLAHERTY

vial # 5

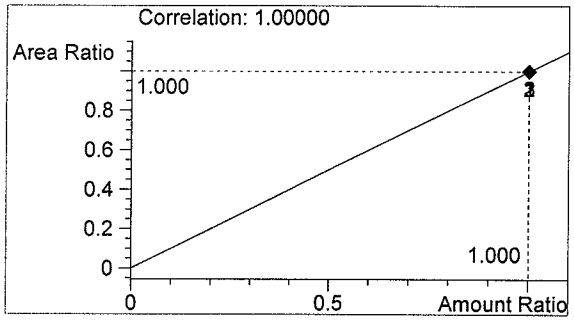


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1715	1.666
Totals:			

RF
09/26/07



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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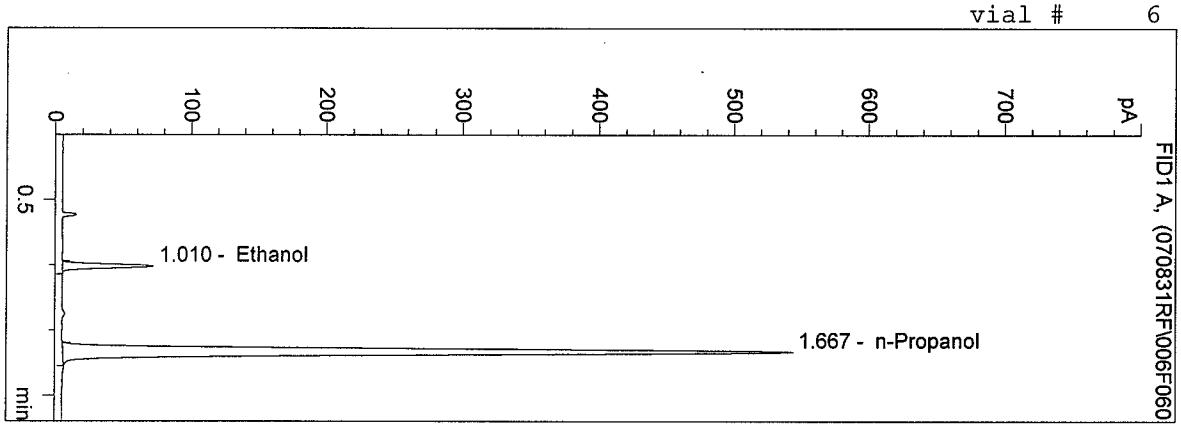
8/31/2007 10:16:40 AM
Instrument 4
DB-ALC1

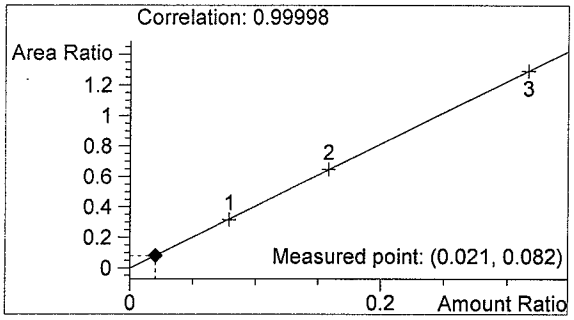
0.02 STD
R FLAHERTY

vial # 6

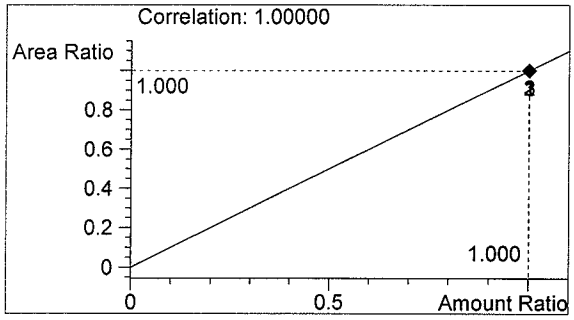


#	Compound	Area	RT
1	Ethanol	139	1.010
2	n-Propanol	1700	1.667
Totals:			

RF
09/26/07



Ethanol 0.021 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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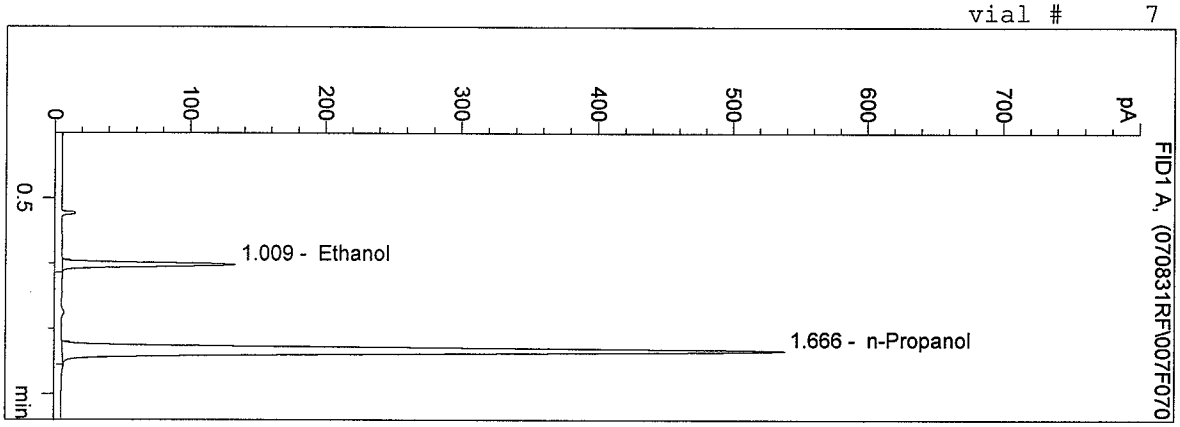
8/31/2007 10:22:13 AM
Instrument 4
DB-ALC1

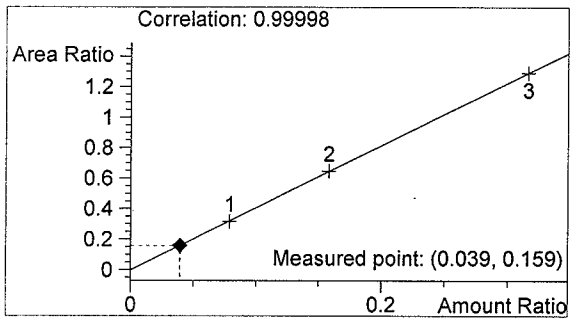
0.04 Ctl-RF
R FLAHERTY

vial # 7

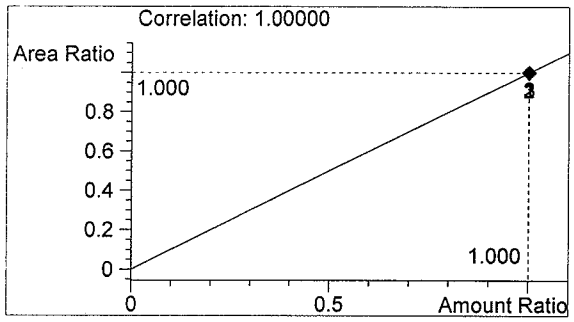


#	Compound	Area	RT
1	Ethanol	268	1.009
2	n-Propanol	1689	1.666
Totals:			

RF
09/26/07



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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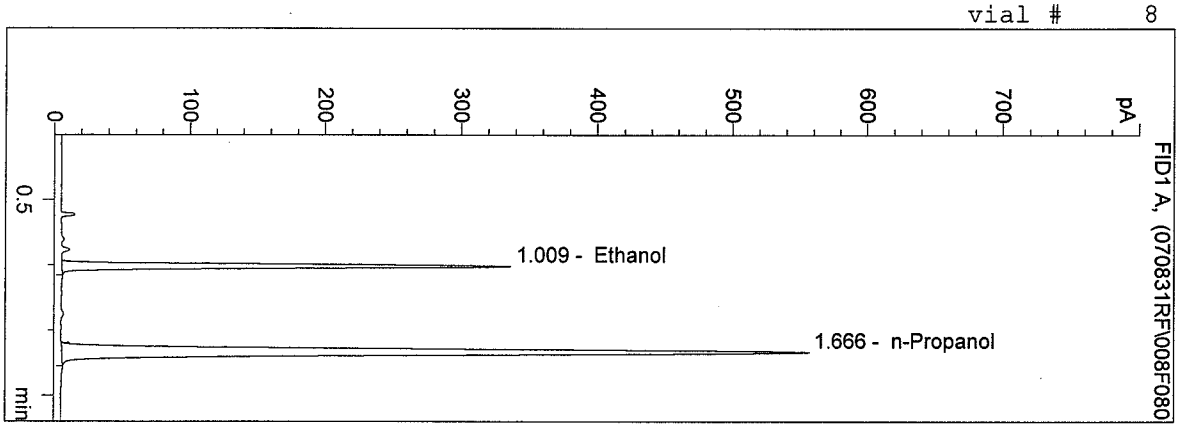
8/31/2007 10:25:28 AM
Instrument 4
DB-ALC1

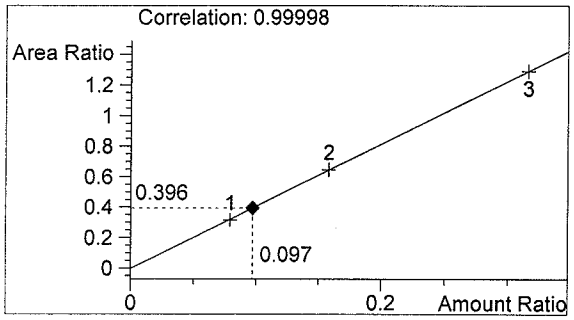
0.10 Ctl-RF
R FLAHERTY

vial # 8

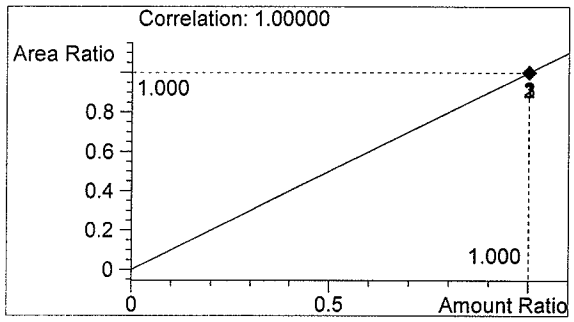


#	Compound	Area	RT
1	Ethanol	689	1.009
2	n-Propanol	1742	1.666
Totals:			

RF
09/26/07



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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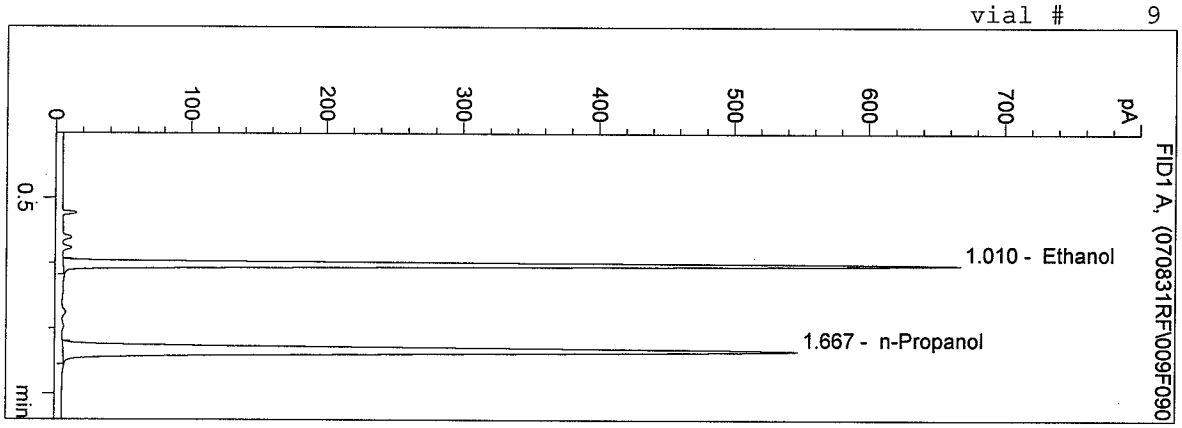
8/31/2007 10:28:45 AM
Instrument 4
DB-ALC1

0.20 Ctl-RF
R FLAHERTY

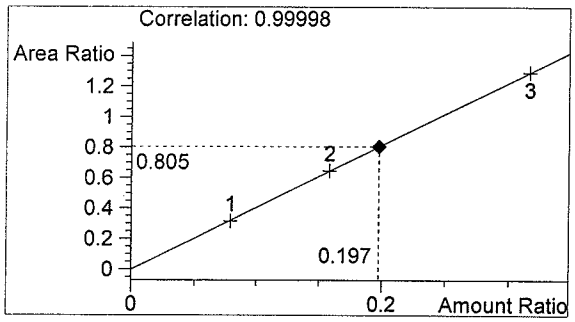
vial # 9



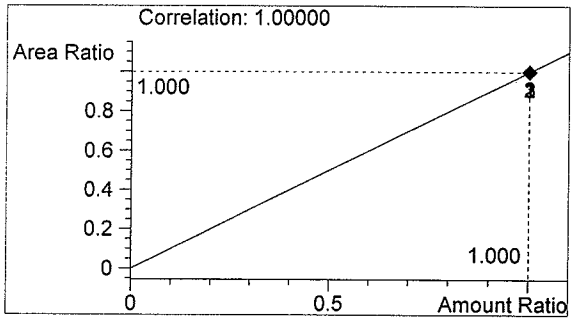
#	Compound	Area	RT
1	Ethanol	1378	1.010
2	n-Propanol	1711	1.667

Totals:

RF
09/26/07



Ethanol 0.197 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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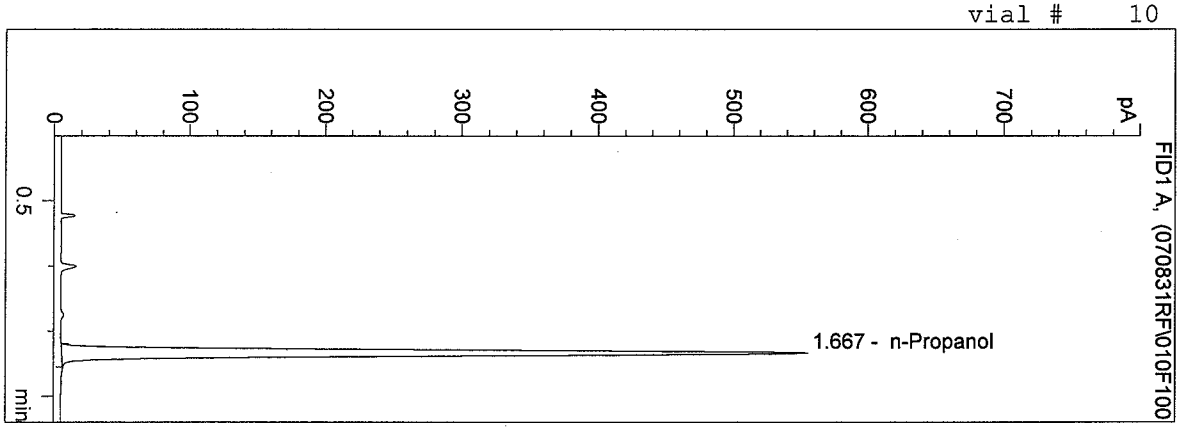
8/31/2007 10:32:01 AM
Instrument 4
DB-ALC1

BLANK
R FLAHERTY

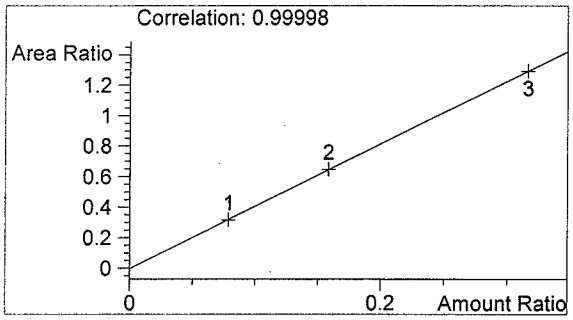
vial # 10



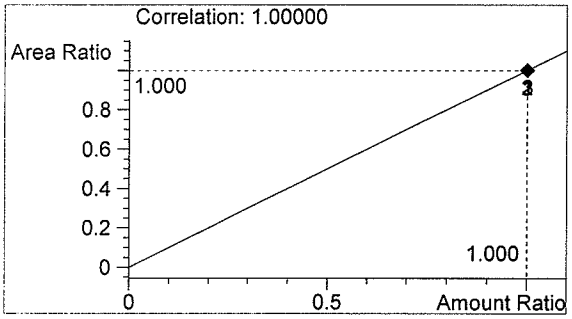
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1736	1.667

Totals:

RF
09/26/07



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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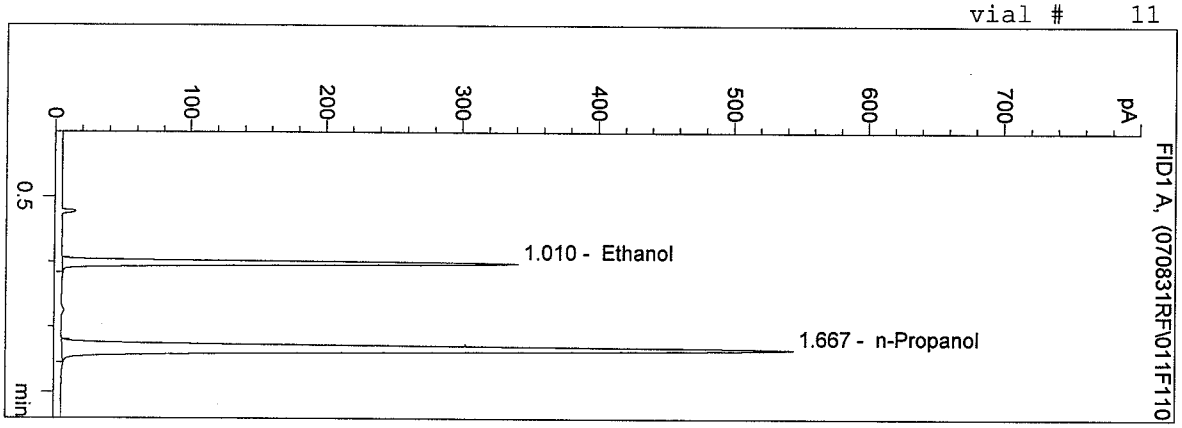
8/31/2007 10:35:22 AM
Instrument 4
DB-ALC1

07031-1
R FLAHERTY

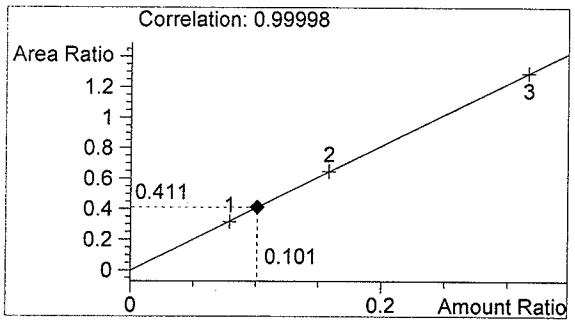
vial # 11



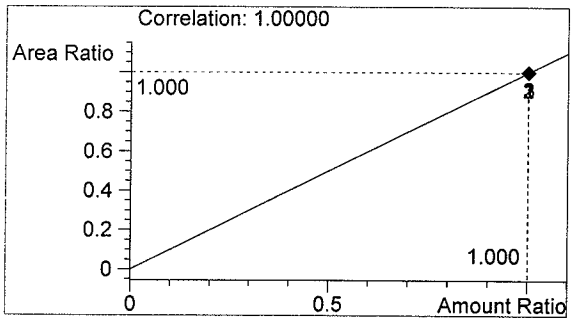
#	Compound	Area	RT
1	Ethanol	699	1.010
2	n-Propanol	1702	1.667

Totals:

RF
09/26/07



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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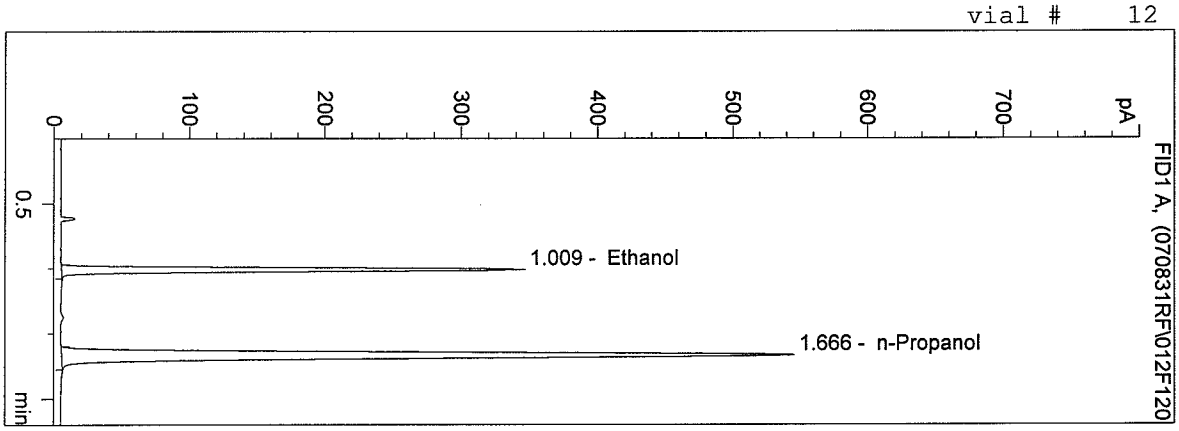
8/31/2007 10:38:42 AM
Instrument 4
DB-ALC1

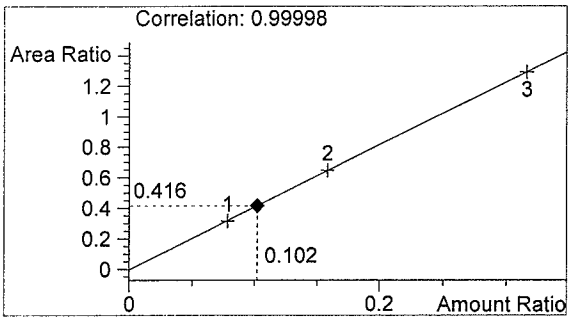
07031-2
R FLAHERTY

vial # 12

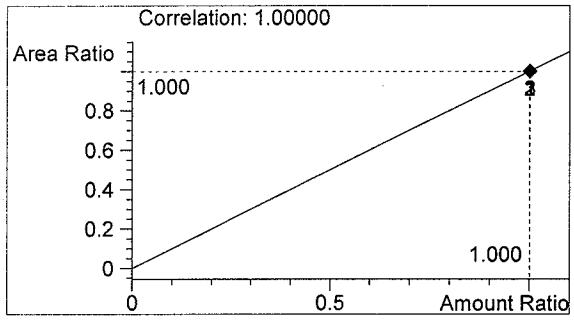


#	Compound	Area	RT
1	Ethanol	710	1.009
2	n-Propanol	1707	1.666
Totals:			

RF
09/26/07



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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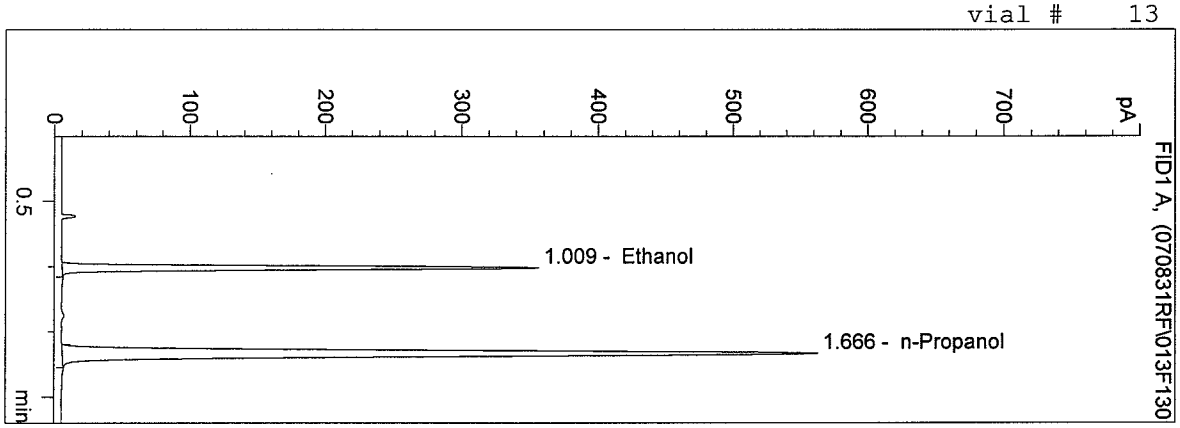
8/31/2007 10:41:59 AM
Instrument 4
DB-ALC1

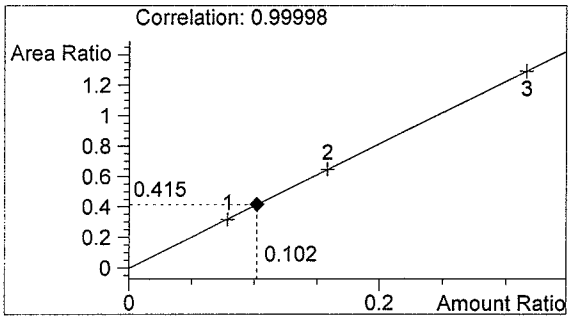
07031-3
R FLAHERTY

vial # 13

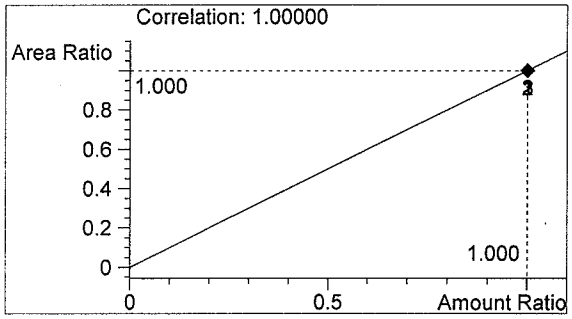


#	Compound	Area	RT
1	Ethanol	731	1.009
2	n-Propanol	1762	1.666
Totals:			

RF
09/26/07



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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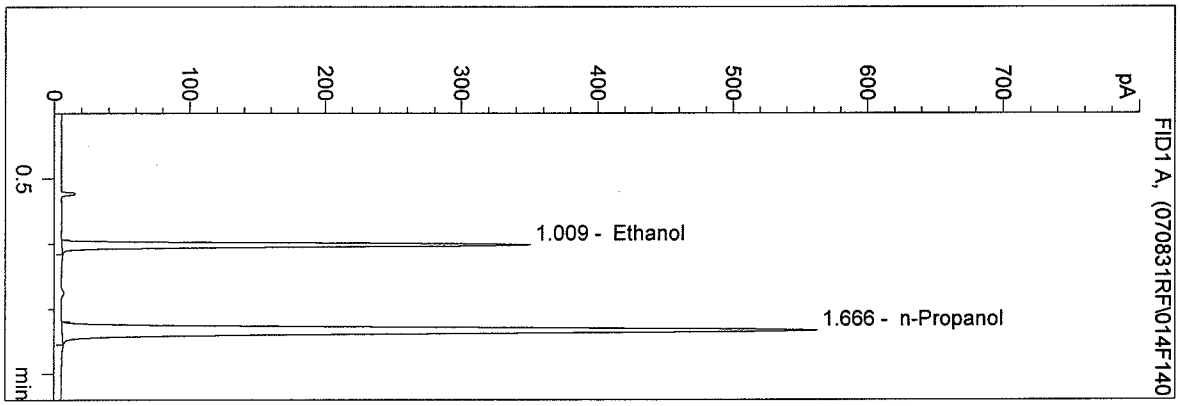
8/31/2007 10:45:16 AM
Instrument 4
DB-ALC1

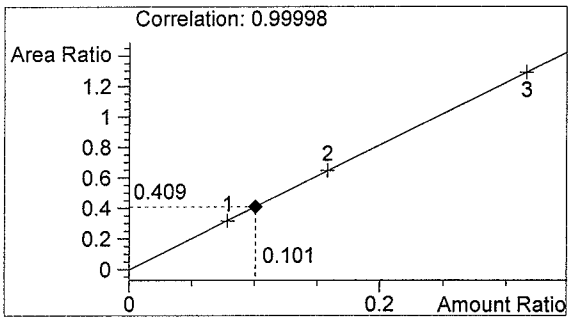
07031-4
R FLAHERTY

vial # 14

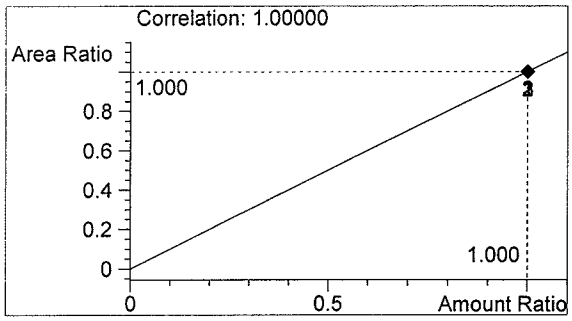


#	Compound	Area	RT
1	Ethanol	722	1.009
2	n-Propanol	1764	1.666
Totals:			

RF
09/26/07



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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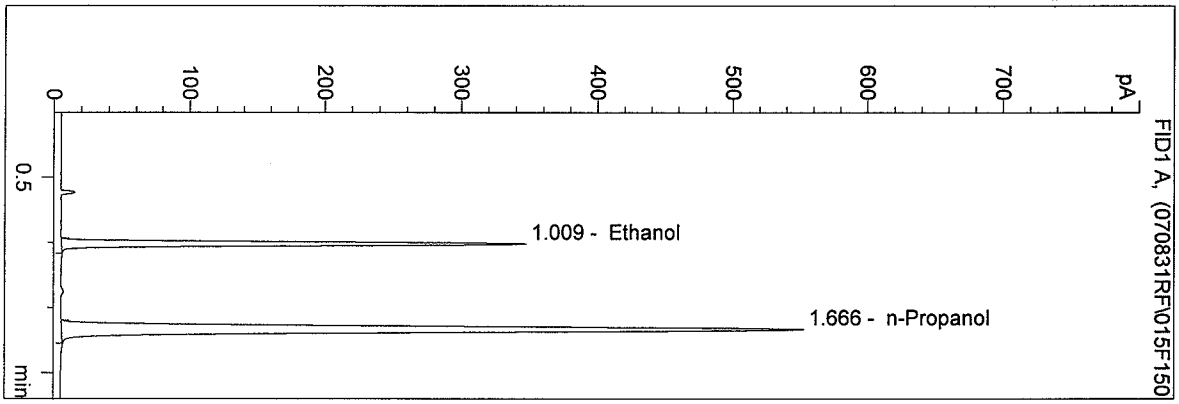
8/31/2007 10:48:32 AM
Instrument 4
DB-ALC1

07031-5
R FLAHERTY

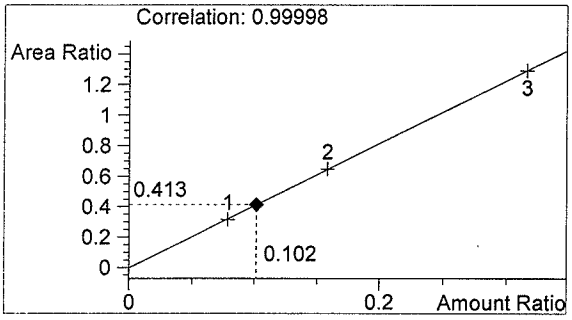
vial # 15



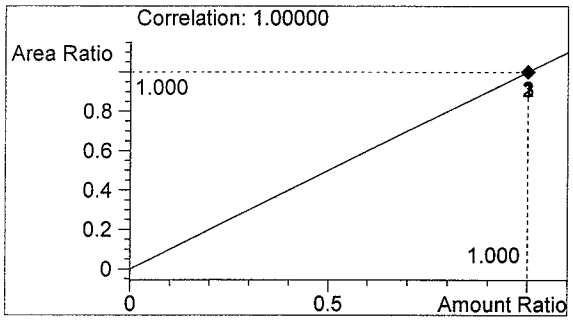
#	Compound	Area	RT
1	Ethanol	715	1.009
2	n-Propanol	1732	1.666

Totals:

RF
09/26/07



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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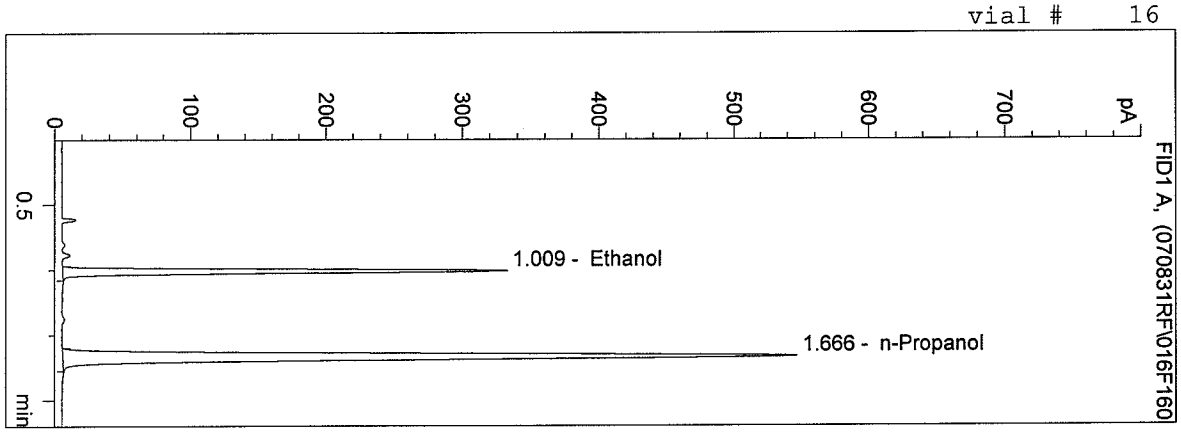
8/31/2007 10:53:59 AM
Instrument 4
DB-ALC1

0.10 Ctl-RF
R FLAHERTY

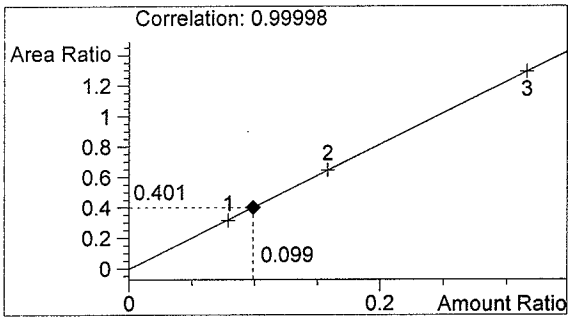
vial # 16



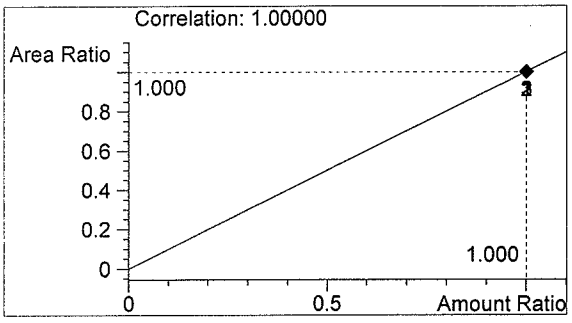
#	Compound	Area	RT
1	Ethanol	688	1.009
2	n-Propanol	1715	1.666

Totals:

RF
09/26/07



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 4
DB-ALC1

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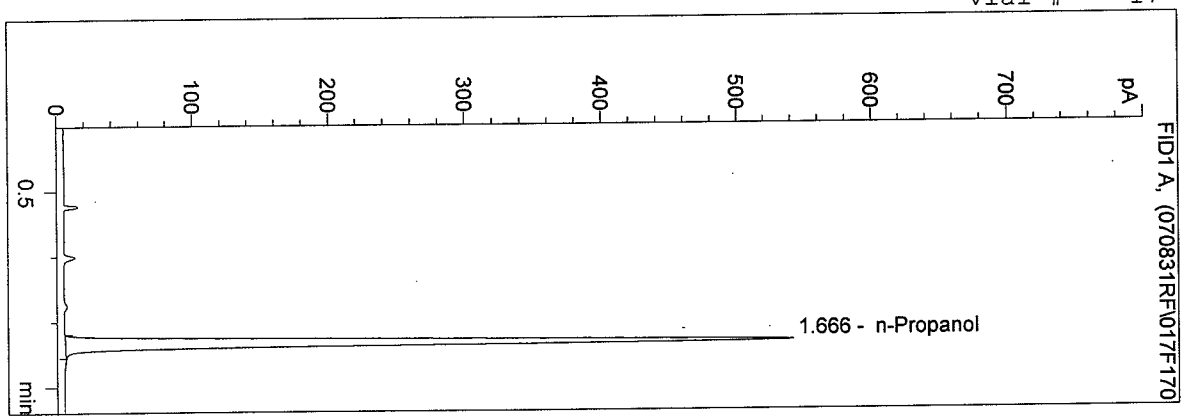
R FLAHERTY

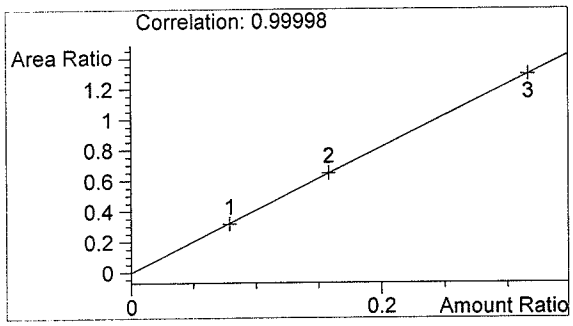
vial # 17



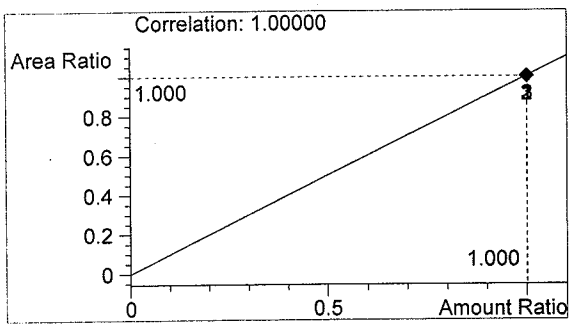
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1698	1.666

Totals:

RF
09/26/07



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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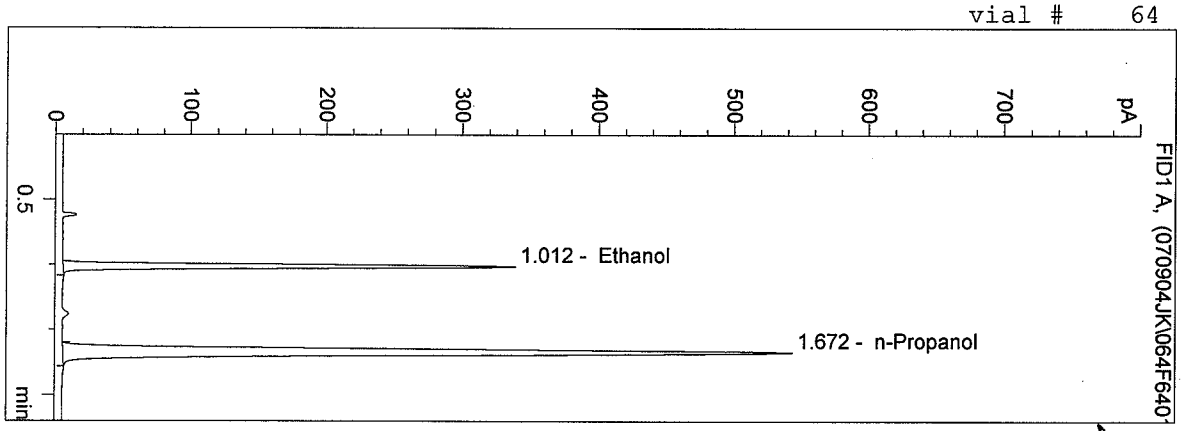
9/4/2007 1:49:18 PM
Instrument 4
DB-ALC1

07031-1
Justin Knoy

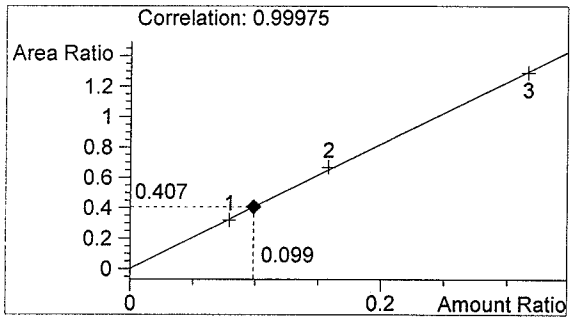
vial # 64

Calibration information w/ 0706770

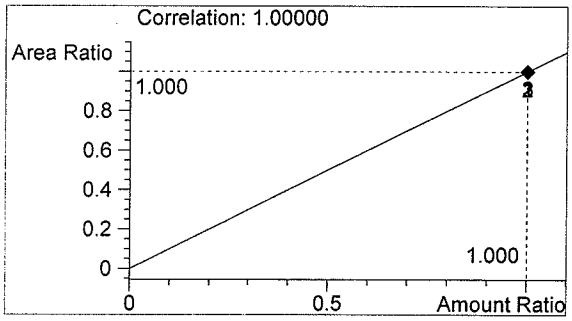


JK 9-25-07

#	Compound	Area	RT
1	Ethanol	692	1.012
2	n-Propanol	1701	1.672
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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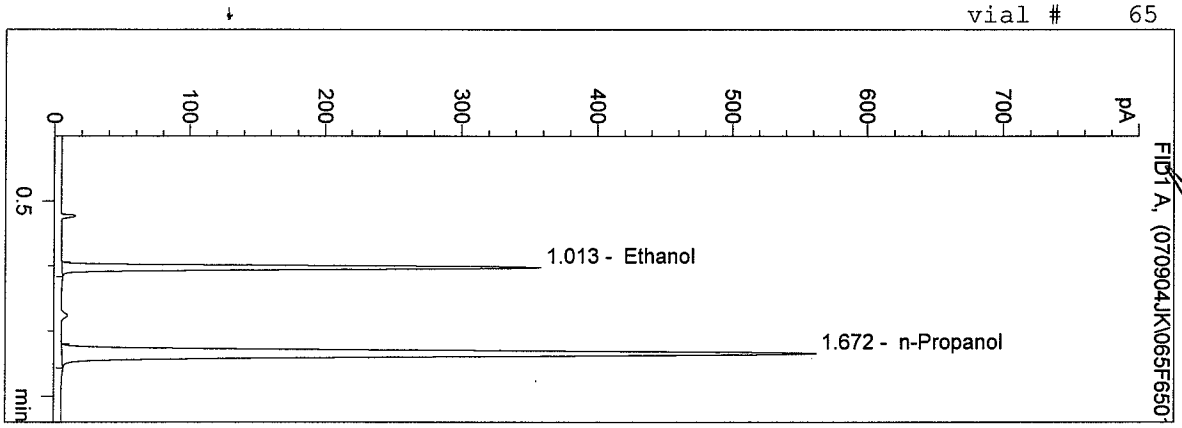
Instrument 4
DB-ALC1

07031-2
Justin Knoy

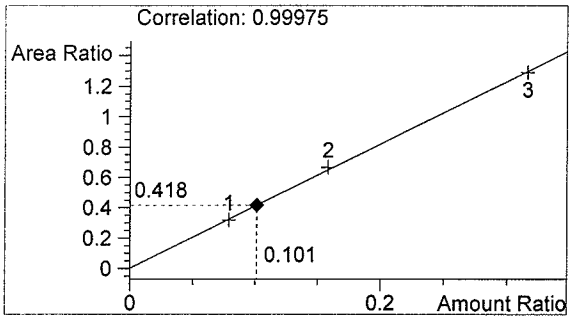
vial # 65



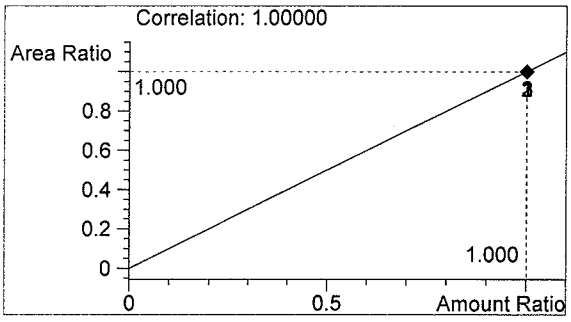
#	Compound	Area	RT
1	Ethanol	736	1.013
2	n-Propanol	1763	1.672

Totals:

9-25-07



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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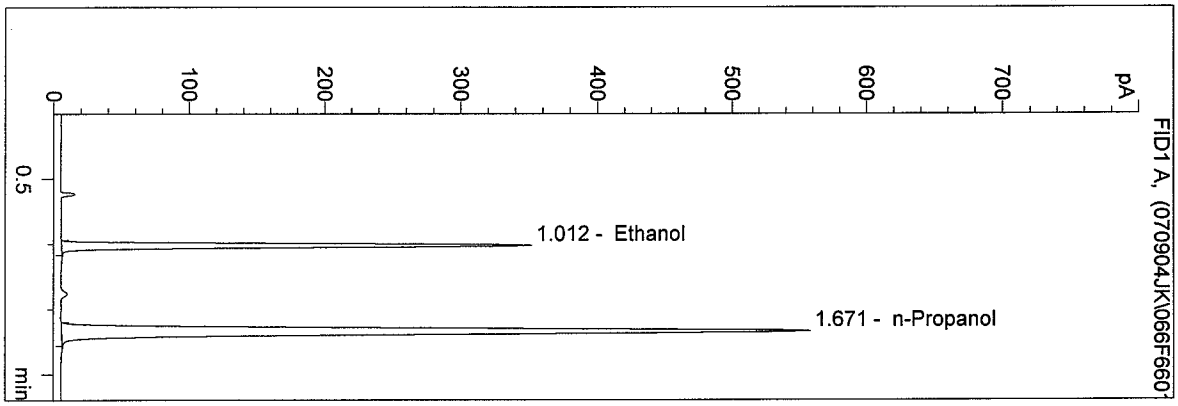
Instrument 4
DB-ALC1

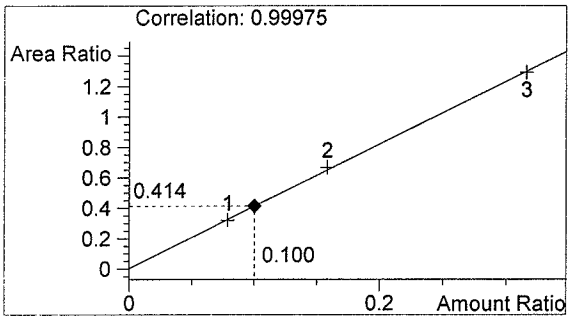
07031-3
Justin Knoy

vial # 66

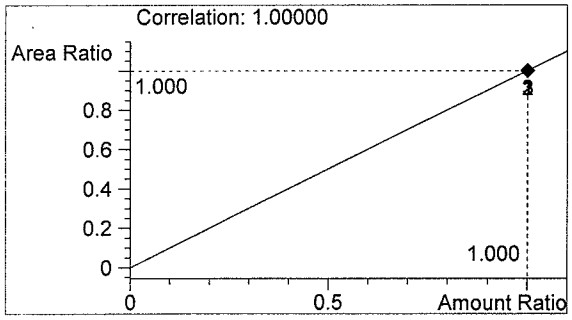


#	Compound	Area	RT
1	Ethanol	725	1.012
2	n-Propanol	1751	1.671
Totals:			

9-25-07



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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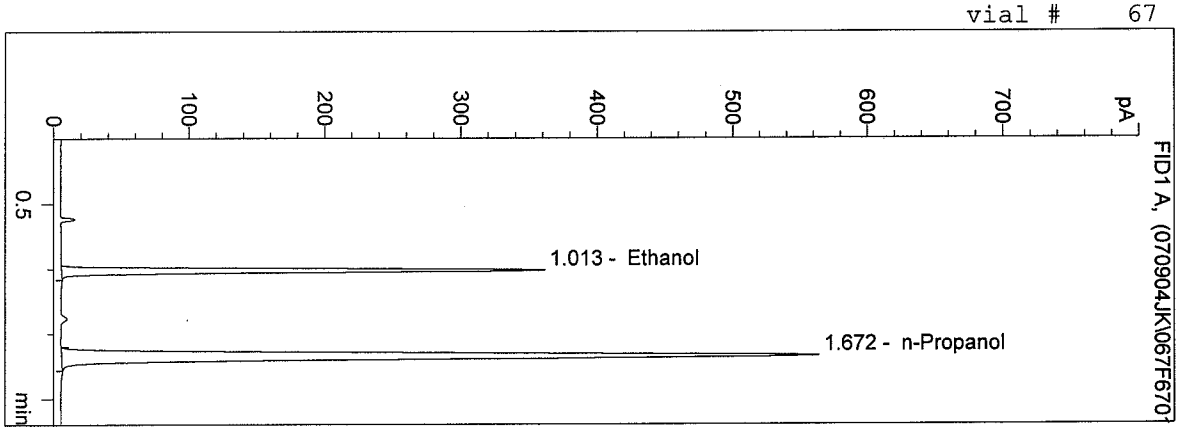
Instrument 4
DB-ALC1

07031-4
Justin Knoy

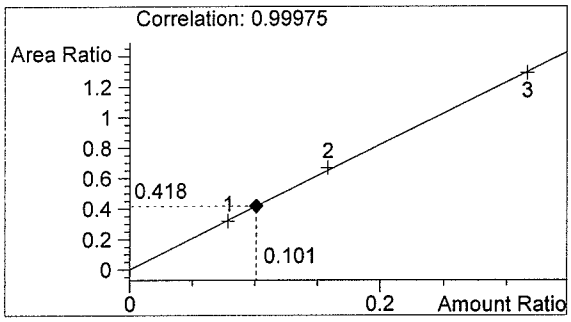
vial # 67



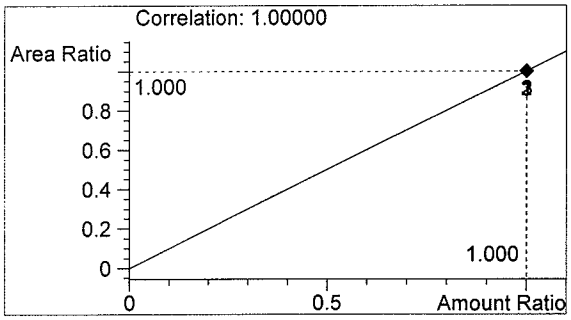
JK
9-25-07

#	Compound	Area	RT
1	Ethanol	737	1.013
2	n-Propanol	1764	1.672

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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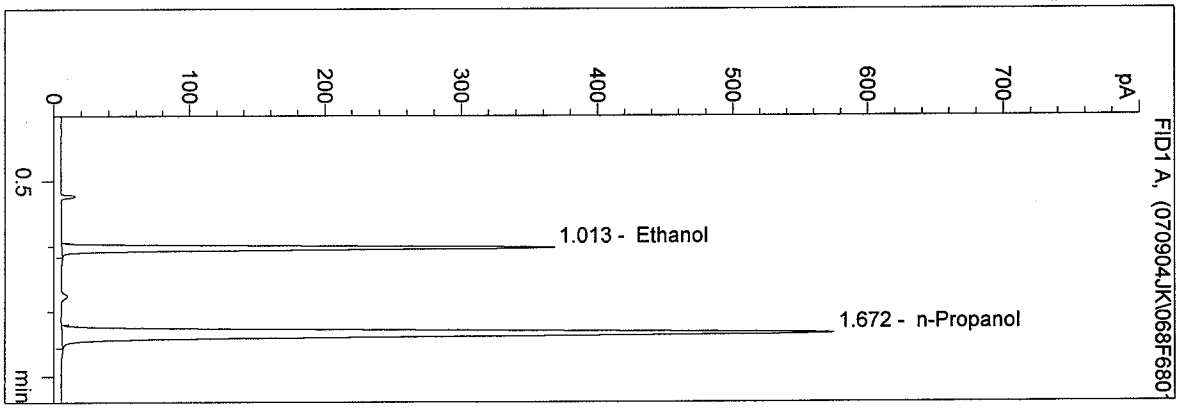
Instrument 4
DB-ALC1

07031-5
Justin Knoy

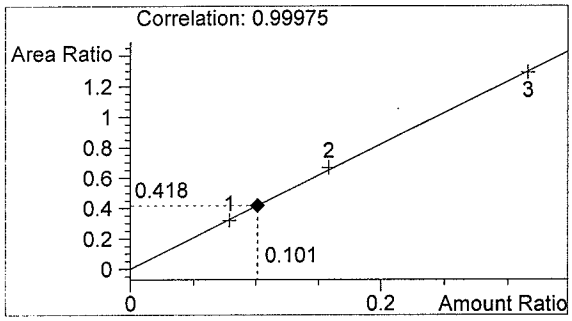
vial # 68



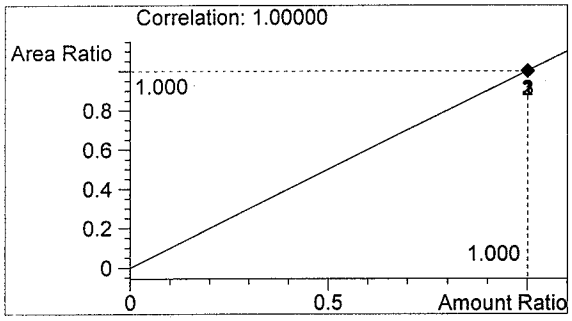
#	Compound	Area	RT
1	Ethanol	752	1.013
2	n-Propanol	1800	1.672

Totals:

9-25-07



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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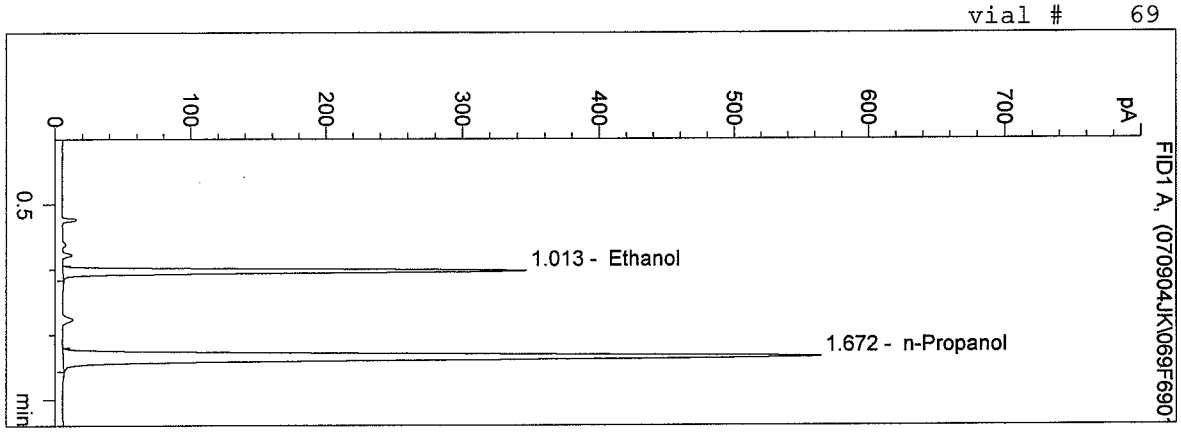
Instrument 4
DB-ALC1

0.10 CTRL JK
Justin Knoy

vial # 69

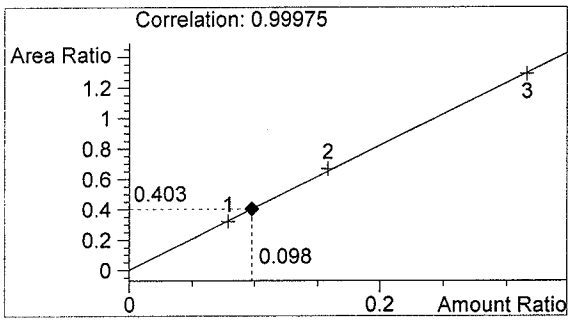


JK

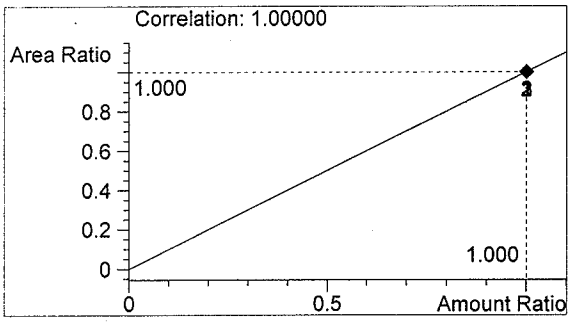
JK 9-25-07

#	Compound	Area	RT
1	Ethanol	712	1.013
2	n-Propanol	1767	1.672

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 4
DB-ALC1

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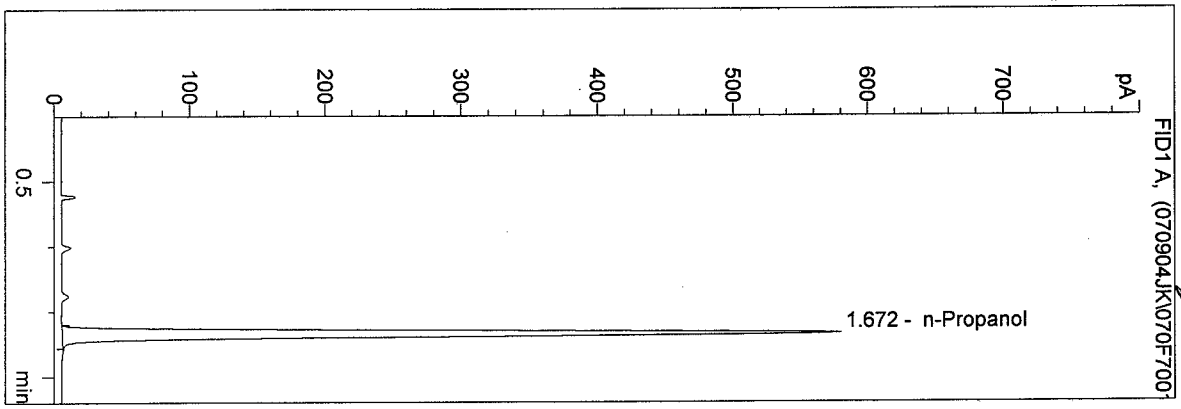
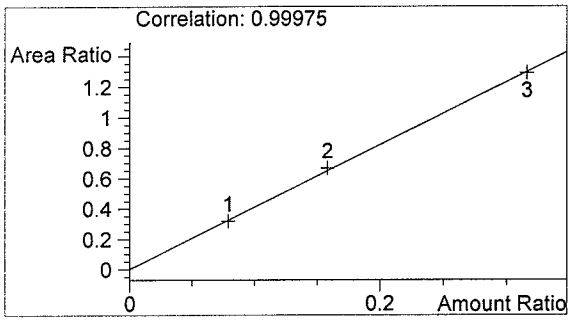
Justin Knoy

vial # 70

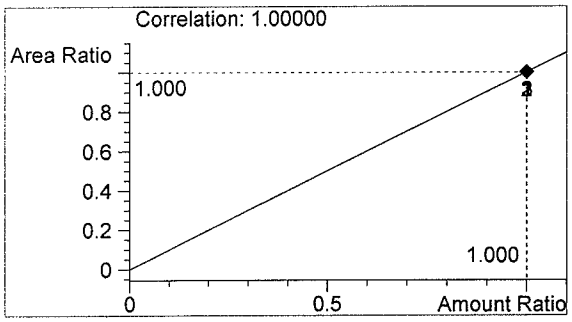


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1817	1.672
Totals:			

9-25-07



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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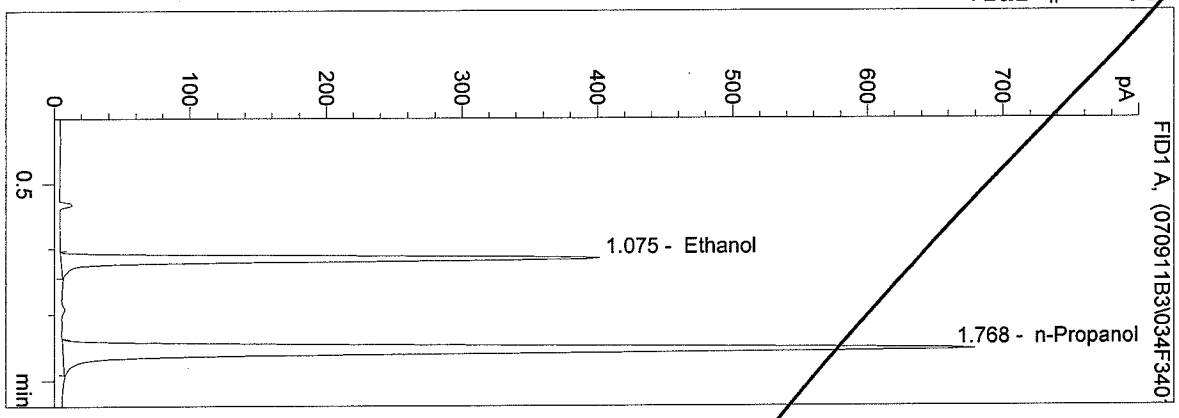
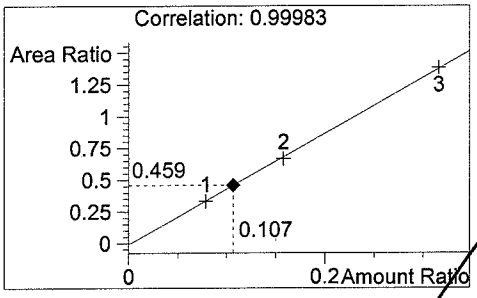
Instrument 1
DB ALC 1

Sim 07031-1
Brianna Peterson

vial # 34

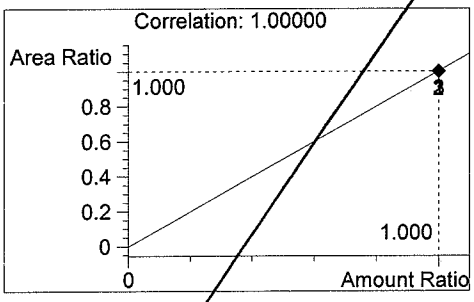


#	Compound	Area	RT
1	Ethanol	1221	1.075
2	n-Propanol	2659	1.768
Tot			



Ethanol 0.107 g/100ml

BP
9-25-07



n-Propanol 1.000 g/100ml

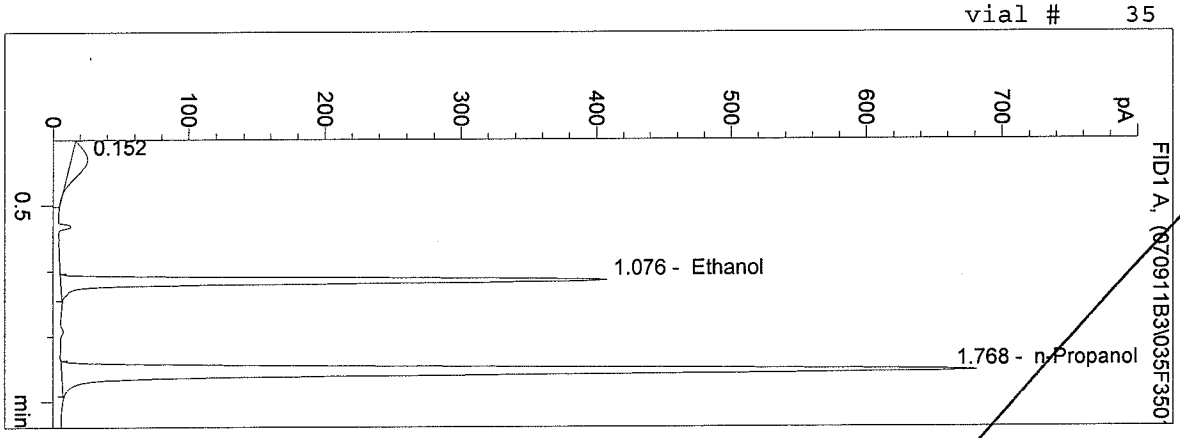
re-run due to value out of range on 4th replicate
09-12-07 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

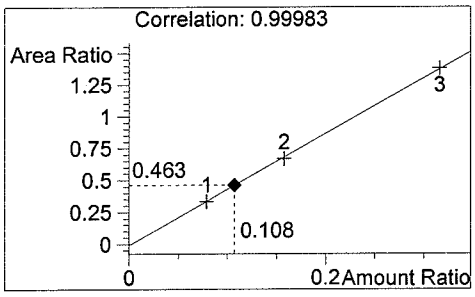
C:\HPCHEM\1\METHODS\BLDALCO.M
9/11/2007 7:12:10 PM
Instrument 1
DB ALC 1

Sim 07031-2
Brianna Peterson

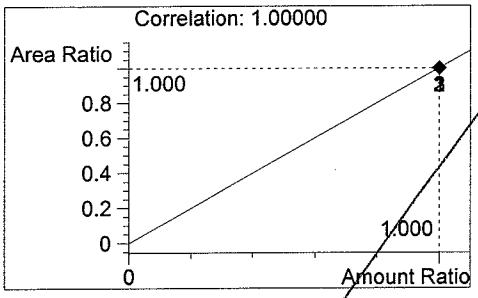
vial # 35



#	Compound	Area	RT
1		166	0.152
2	Ethanol	1237	1.076
3	n-Propanol	2675	1.768
Tot			



Ethanol 0.108 g/100ml



n-Propanol 1.000 g/100ml

9.25.07
BP

re-run
BP
9-12-07

WASHINGTON STATE TOXICOLOGY LABORATORY

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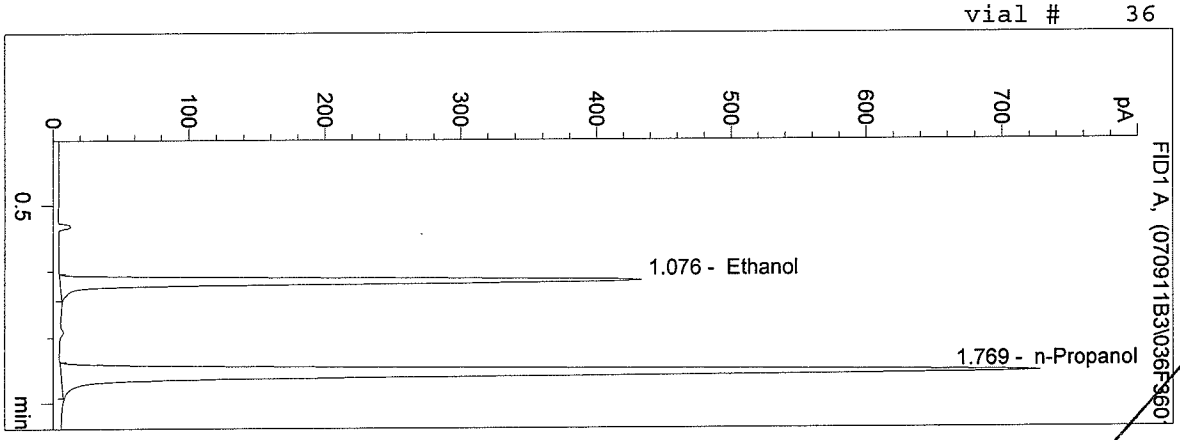
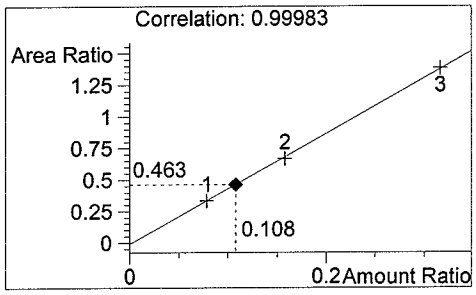
9/11/2007 7:15:15 PM
Instrument 1
DB ALC 1

Sim 07031-3
Brianna Peterson

vial # 36

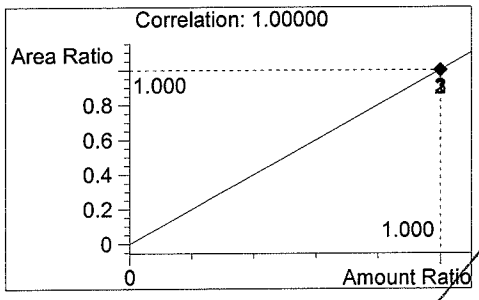


#	Compound	Area	RT
1	Ethanol	1328	1.076
2	n-Propanol	2867	1.769
Tot			



Ethanol 0.108 g/100ml

BP
9.25.07



n-Propanol 1.000 g/100ml

re-run
9-12.07 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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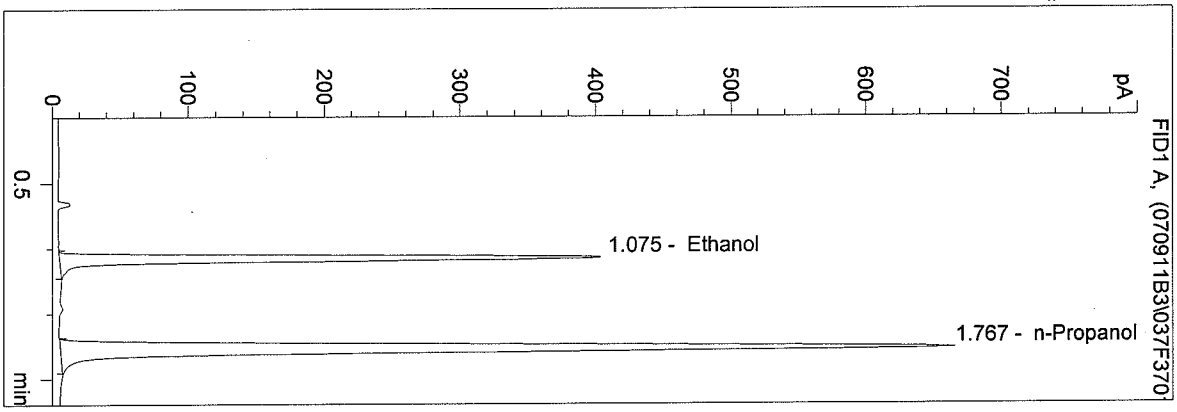
Instrument 1
DB ALC 1

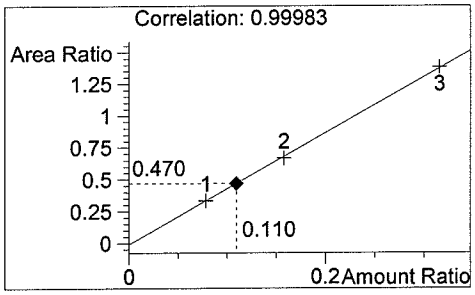
Sim 07031-4
Brianna Peterson

vial # 37



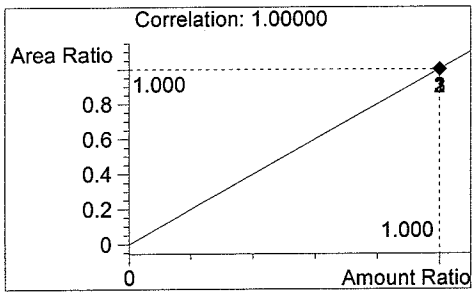
#	Compound	Area	RT
1	Ethanol	1227	1.075
2	n-Propanol	2608	1.767
Tot			

BP
9.25.07



Ethanol 0.110 g/100ml

value out of range.



n-Propanol 1.000 g/100ml

re-run
09-12-07
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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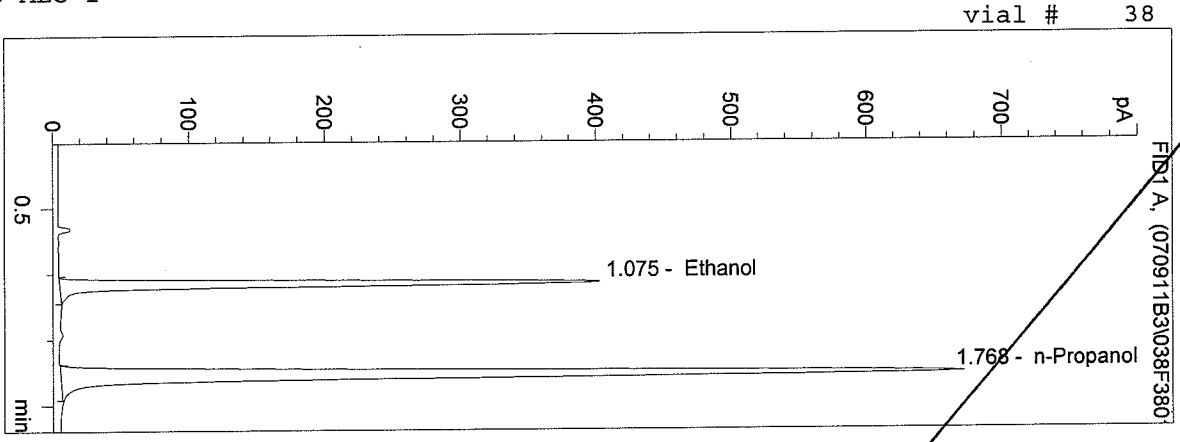
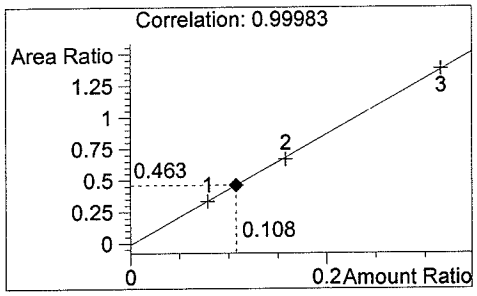
Instrument 1
DB ALC 1

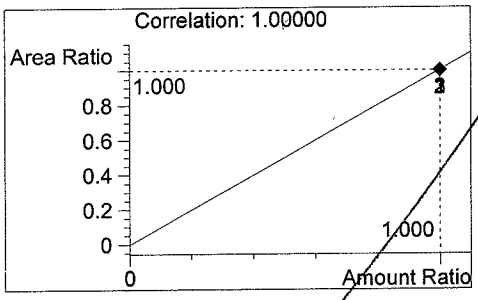
Sim 07031-5
Brianna Peterson

vial # 38



#	Compound	Area	RT
1	Ethanol	1220	1.075
2	n-Propanol	2638	1.768
Tot			





Ethanol	0.108	g/100ml
n-Propanol	1.000	g/100ml

BP
9-25-07

re-run
9-12-07
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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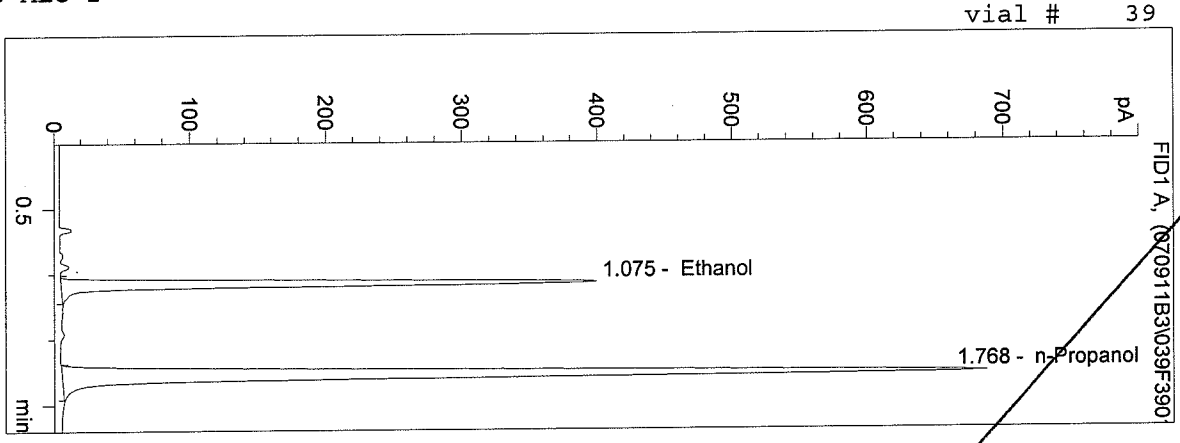
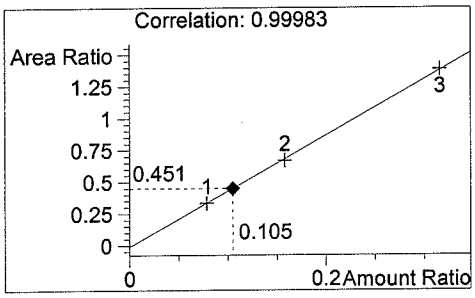
9/11/2007 7:24:29 PM
Instrument 1
DB ALC 1

0.10 con BP
Brianna Peterson

vial # 39

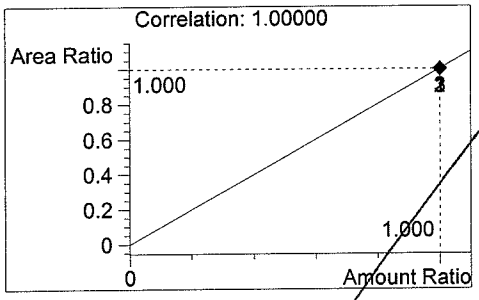


#	Compound	Area	RT
1	Ethanol	1217	1.075
2	n-Propanol	2699	1.768
Tot			



Ethanol 0.105 g/100ml

BP
9-25-07



n-Propanol 1.000 g/100ml

re-run
9-12-07
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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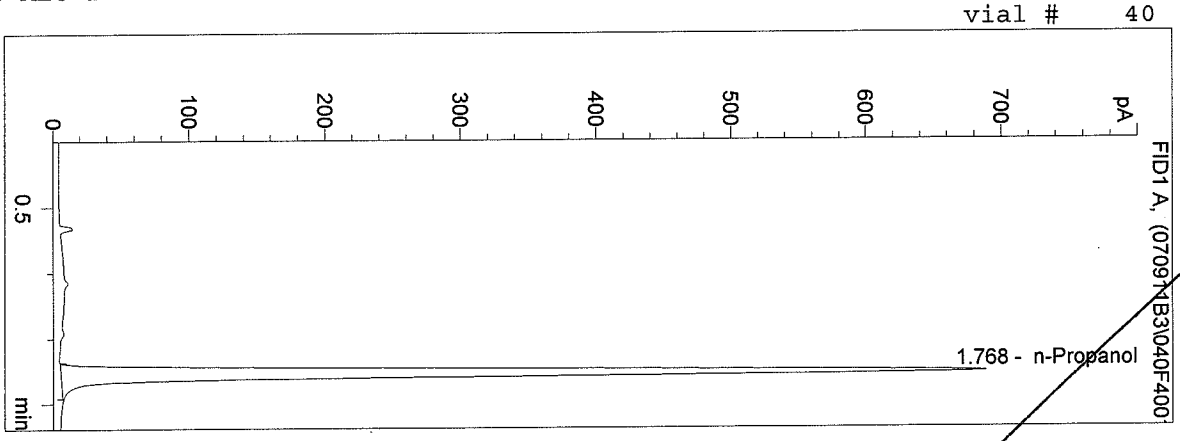
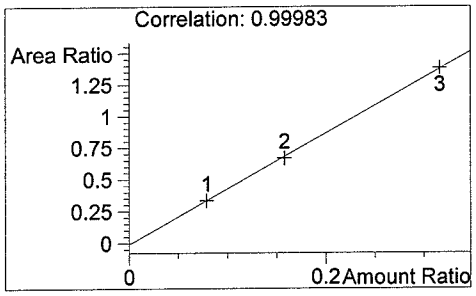
9/11/2007 7:27:34 PM
Instrument 1
DB ALC 1

Blank
Brianna Peterson

vial # 40

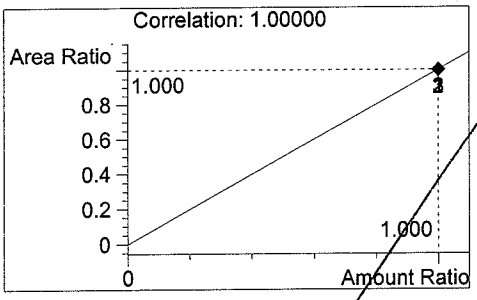


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2700	1.768
Tot			



Ethanol 0.000 g/100ml

BP
9-25-07



n-Propanol 1.000 g/100ml

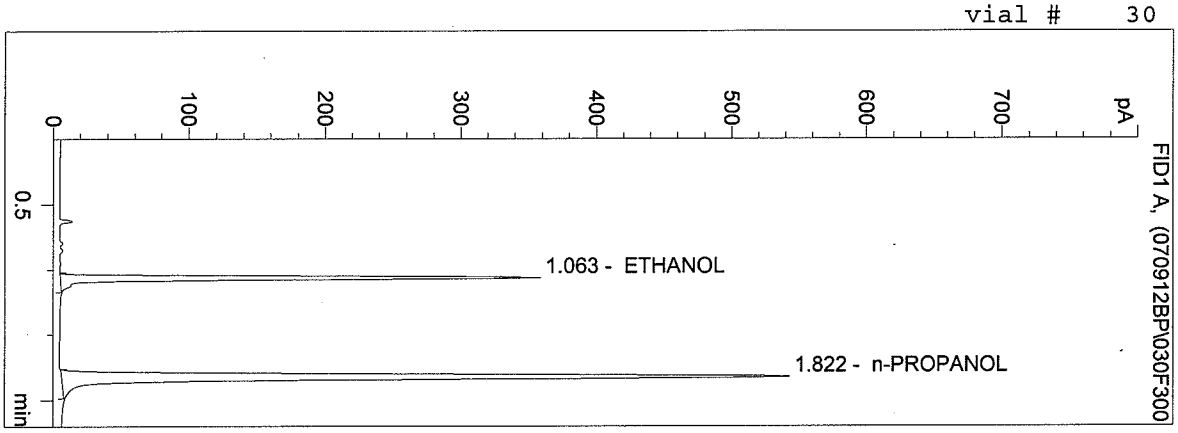
re-run
9-12-07
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/12/2007 10:40:40 AM
Instrument 3
db-alc2

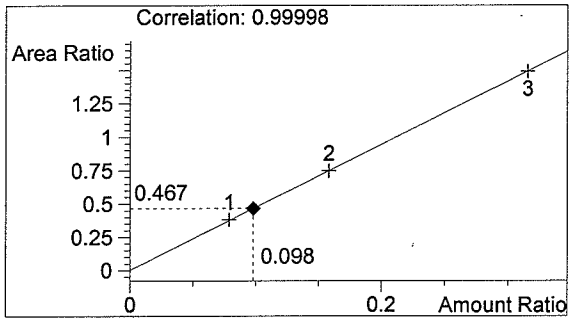
0.10 con BP
Brianna Peterson

vial # 30

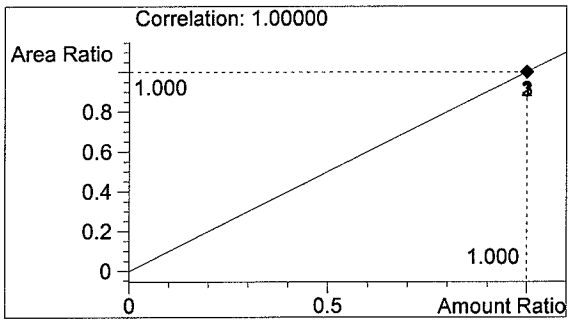


#	Compound	Area	RT
1	ETHANOL	694	1.063
2	n-PROPANOL	1485	1.822

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

BP
9-12-07

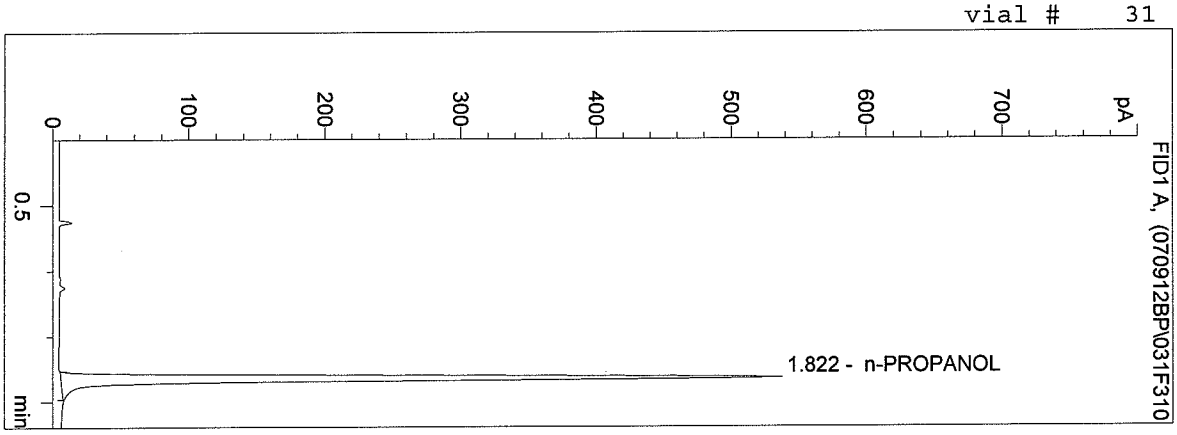
Calibration data with case
0707038

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/12/2007 10:43:48 AM
Instrument 3
db-alc2

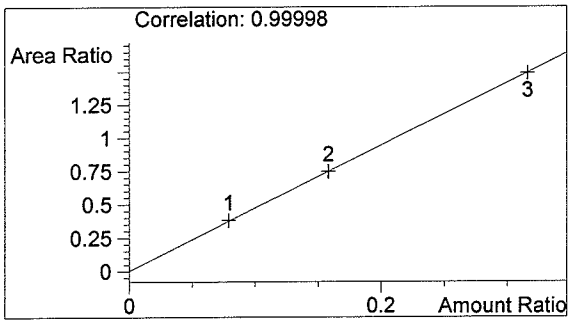
Blank
Brianna Peterson

vial # 31

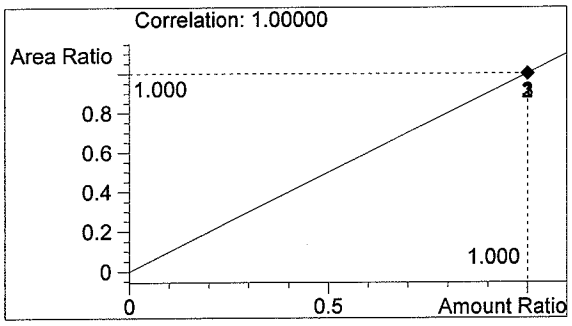


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1466	1.822

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

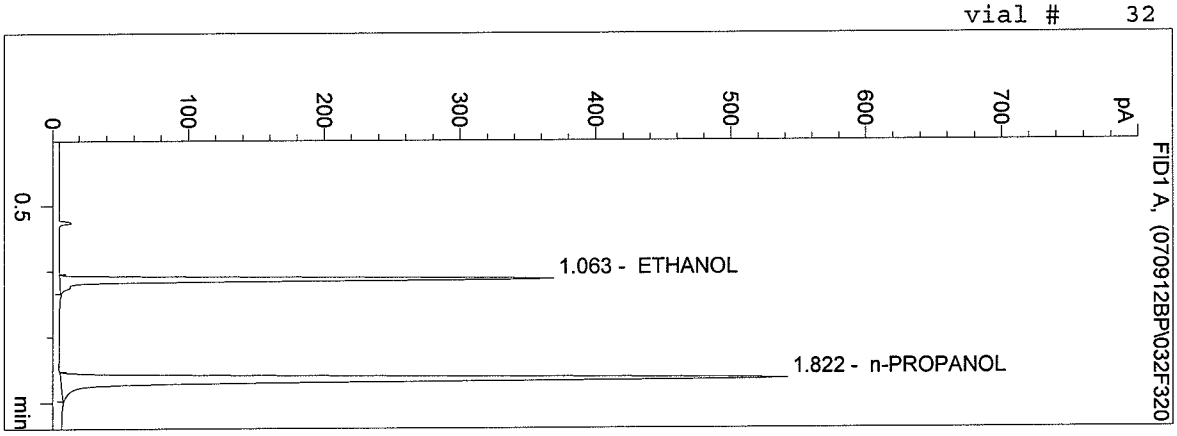
BP
9.12.07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/12/2007 10:46:55 AM
Instrument 3
db-alc2

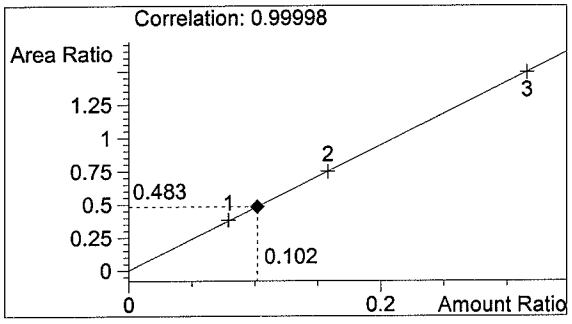
Sim 07031-1
Brianna Peterson

vial # 32

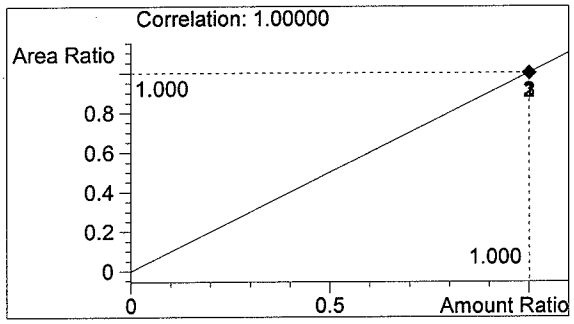


#	Compound	Area	RT
1	ETHANOL	714	1.063
2	n-PROPANOL	1479	1.822

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

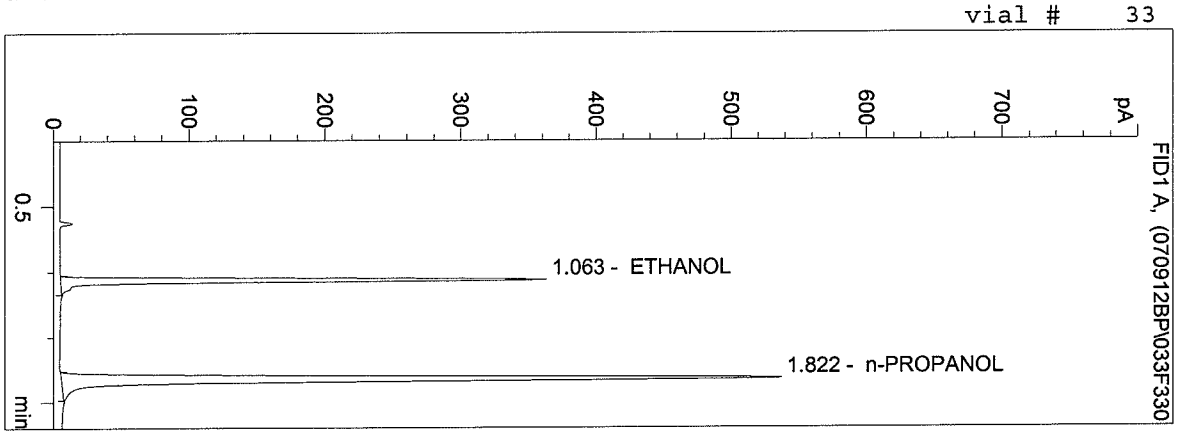
BP
9.12.07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/12/2007 10:50:02 AM
Instrument 3
db-alc2

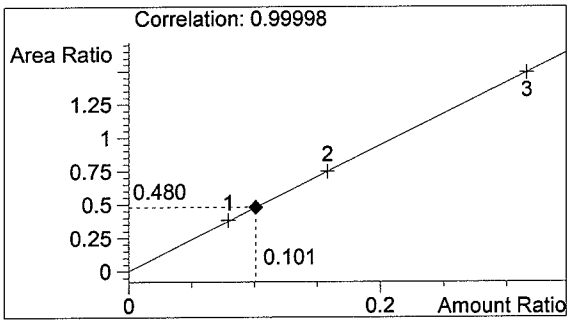
Sim 07031-2
Brianna Peterson

vial # 33

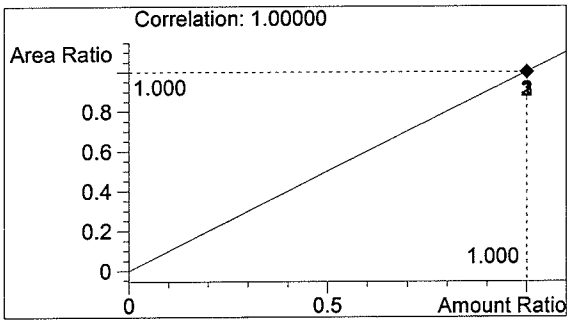


#	Compound	Area	RT
1	ETHANOL	704	1.063
2	n-PROPANOL	1465	1.822

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

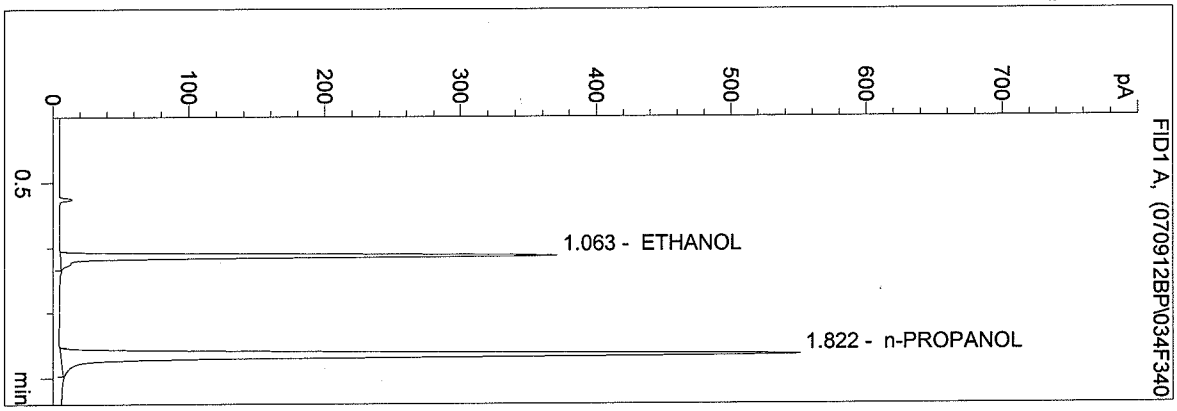
BP
9.12.07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/12/2007 10:53:09 AM
Instrument 3
db-alc2

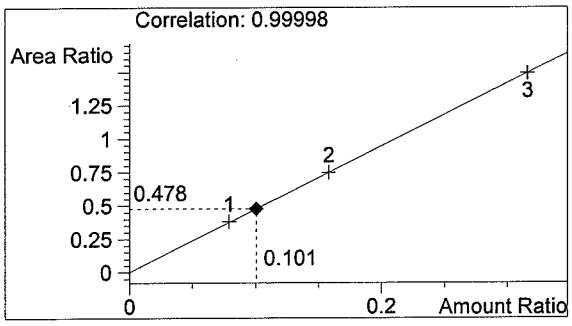
Sim 07031-3
Brianna Peterson

vial # 34

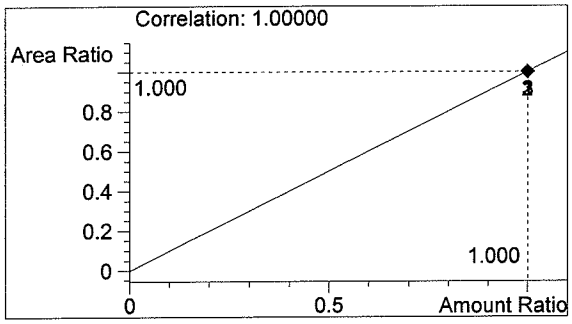


#	Compound	Area	RT
1	ETHANOL	719	1.063
2	n-PROPANOL	1503	1.822

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

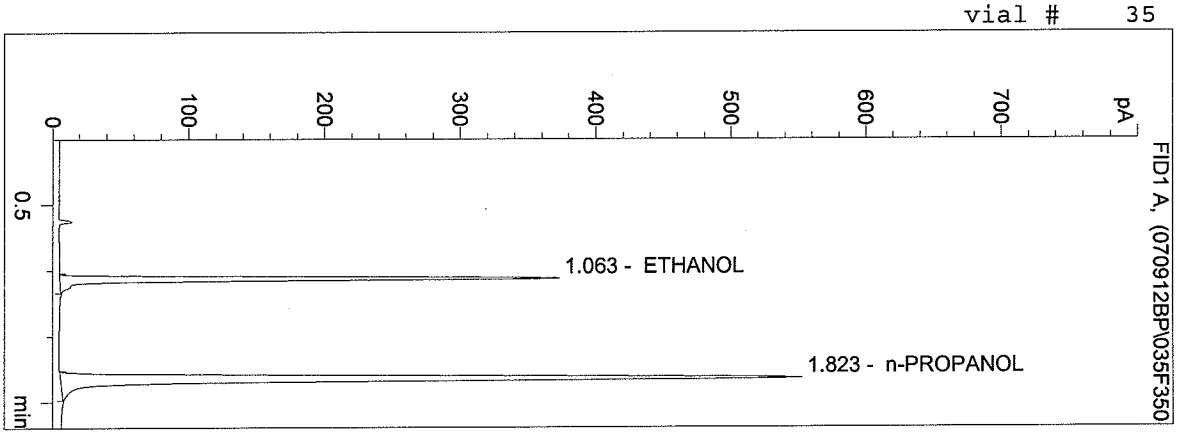
BP
9.12.07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/12/2007 10:56:16 AM
Instrument 3
db-alc2

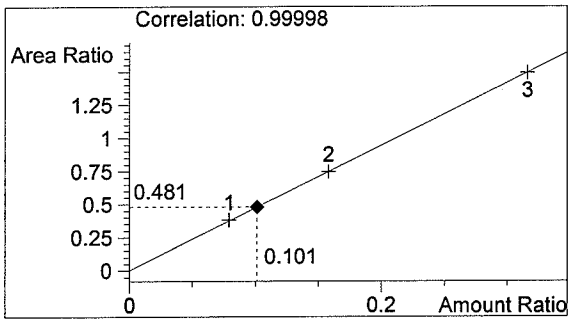
Sim 07031-4
Brianna Peterson

vial # 35

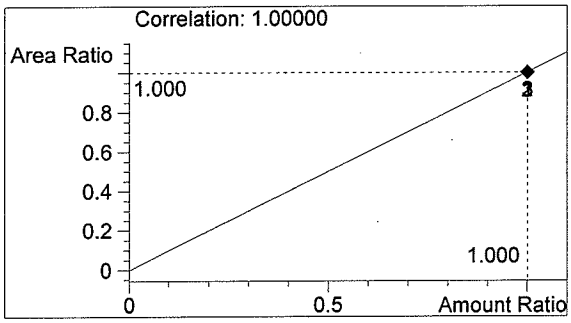


#	Compound	Area	RT
1	ETHANOL	725	1.063
2	n-PROPANOL	1507	1.823

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

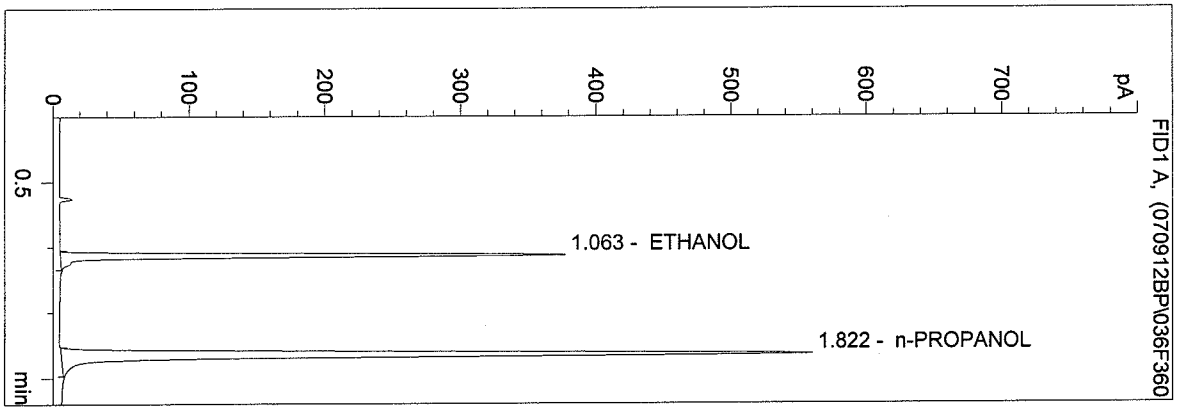
BP
9.12.07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/12/2007 10:59:23 AM
Instrument 3
db-alc2

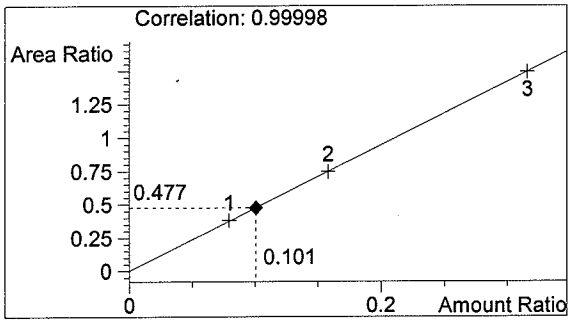
Sim 07031-5
Brianna Peterson

vial # 36

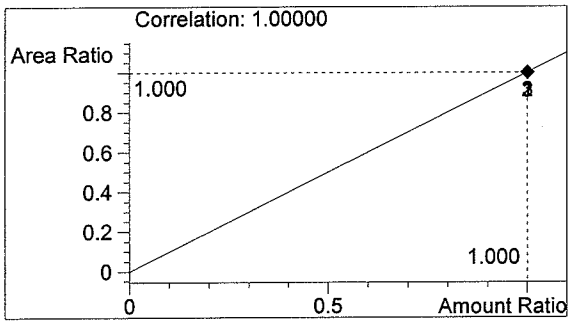


#	Compound	Area	RT
1	ETHANOL	729	1.063
2	n-PROPANOL	1527	1.822

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

BP
9.12.07

WASHINGTON STATE TOXICOLOGY LABORATORY

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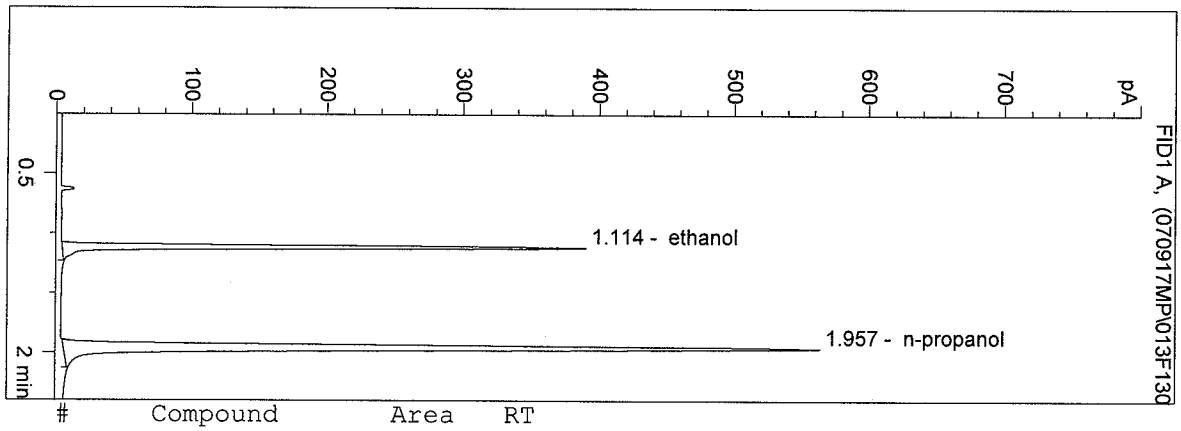
9/17/2007 9:17:34 AM
Instrument 5
DB-ALC2

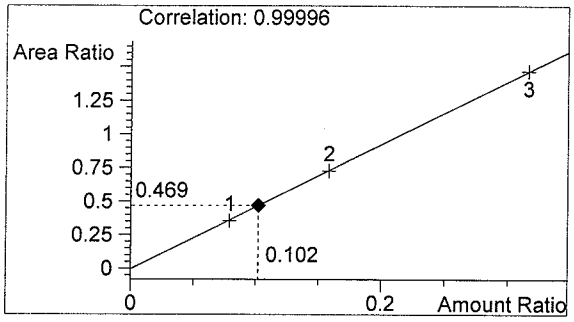
07031 sim soln
m pemberton

vial # 13

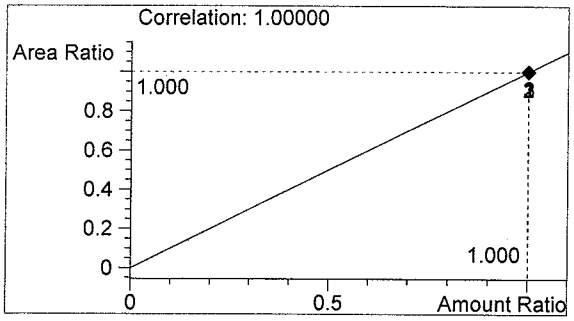


#	Compound	Area	RT
1	ethanol	784	1.114
2	n-propanol	1670	1.957

Totals:



ethanol 0.102 g/100ml



n-propanol 1.000 g/100ml

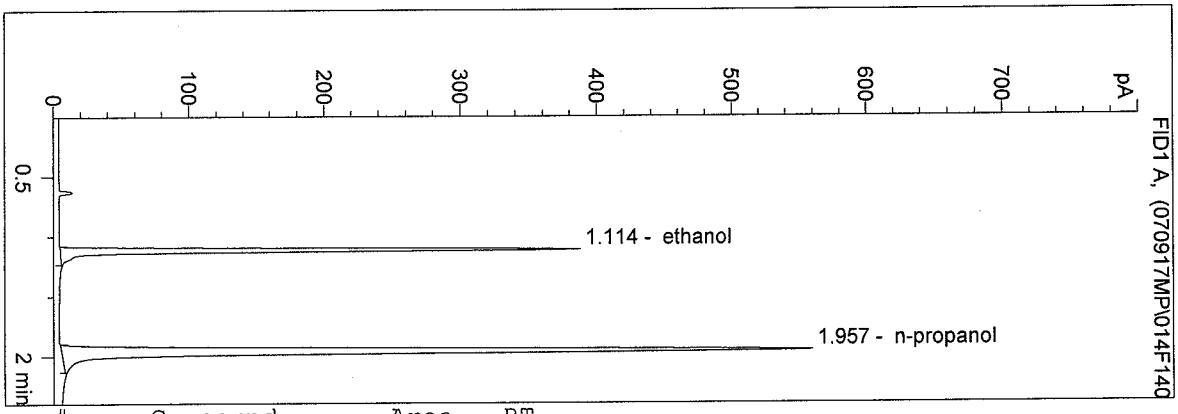
MP 9/20/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:21:26 AM
Instrument 5
DB-ALC2

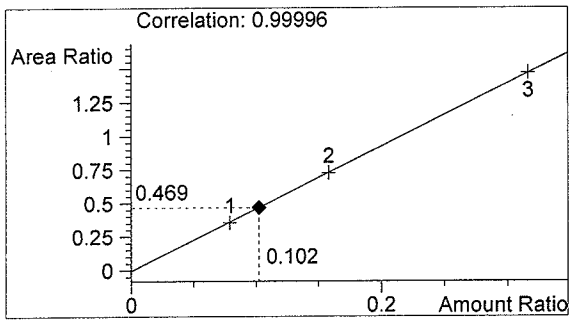
07031 sim soln
m pemberton

vial # 14

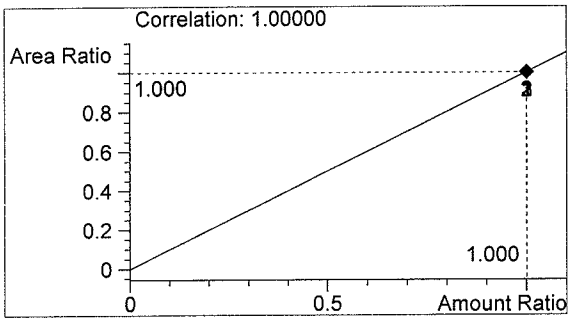


#	Compound	Area	RT
1	ethanol	777	1.114
2	n-propanol	1659	1.957

Totals:



ethanol 0.102 g/100ml



n-propanol 1.000 g/100ml

9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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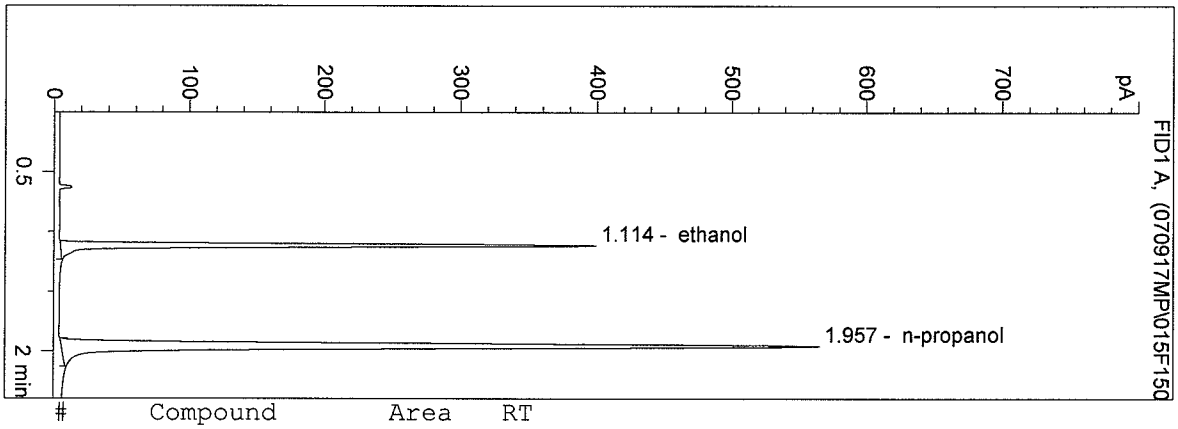
9/17/2007 9:24:59 AM
Instrument 5
DB-ALC2

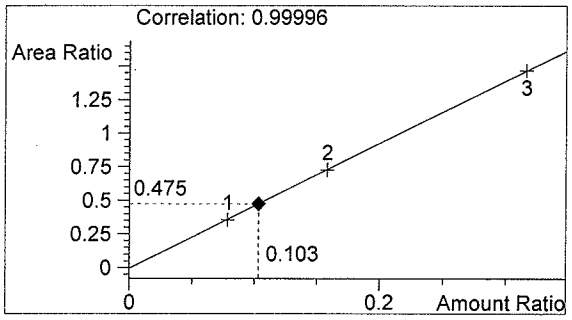
07031 sim soln
m pemberton

vial # 15

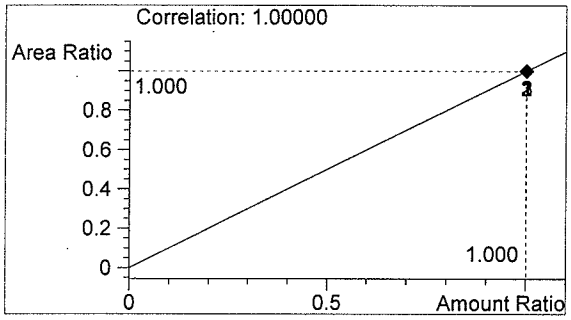


#	Compound	Area	RT
1	ethanol	798	1.114
2	n-propanol	1679	1.957

Totals:



ethanol 0.103 g/100ml



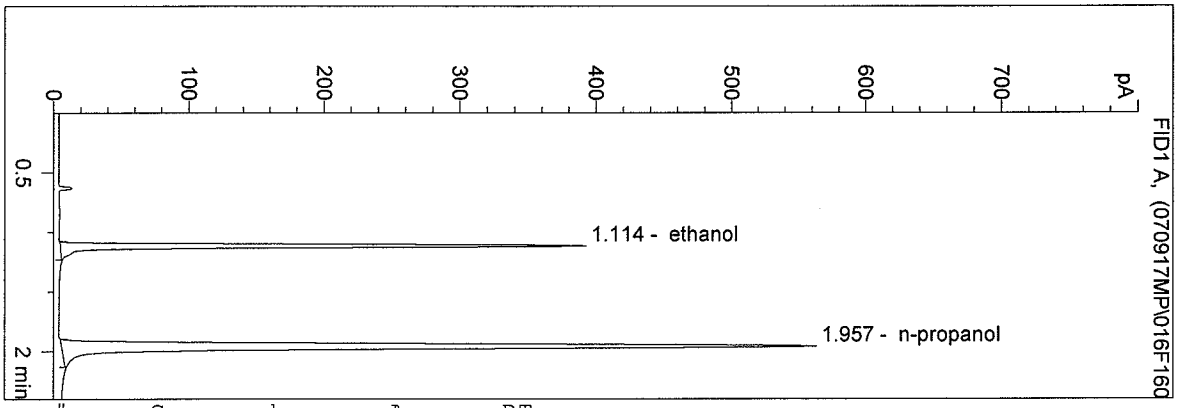
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:29:42 AM
Instrument 5
DB-ALC2

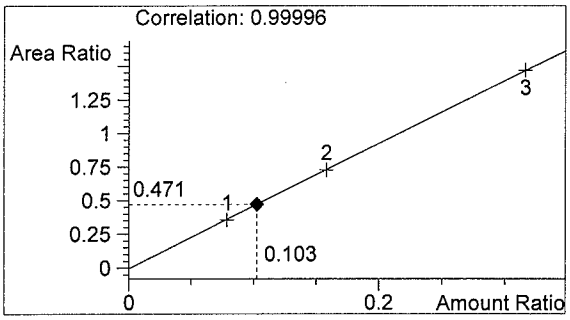
07031 sim soln
m pemberton

vial # 16

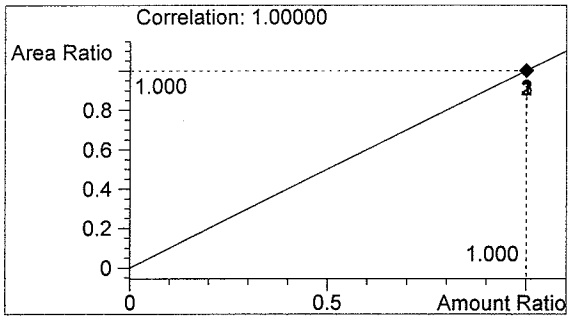


#	Compound	Area	RT
1	ethanol	786	1.114
2	n-propanol	1668	1.957

Totals:



ethanol 0.103 g/100ml



n-propanol 1.000 g/100ml

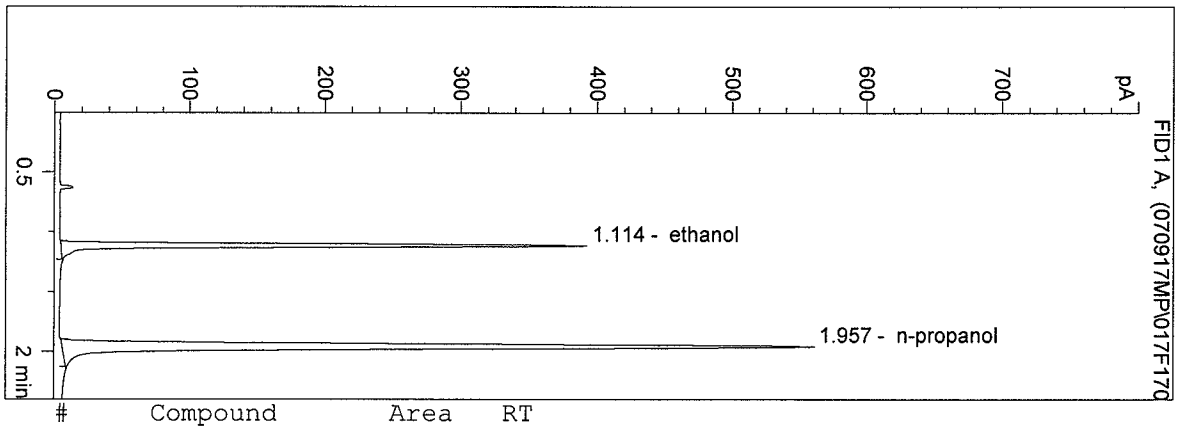
LP 9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:33:28 AM
Instrument 5
DB-ALC2

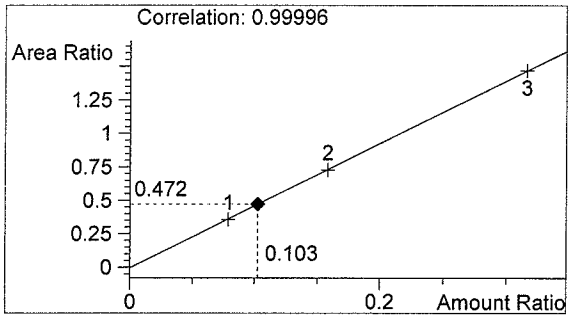
07031 sim soln
m pemberton

vial # 17

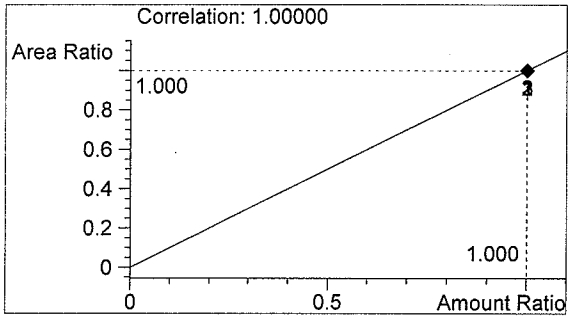


#	Compound	Area	RT
1	ethanol	786	1.114
2	n-propanol	1667	1.957

Totals:



ethanol 0.103 g/100ml



n-propanol 1.000 g/100ml

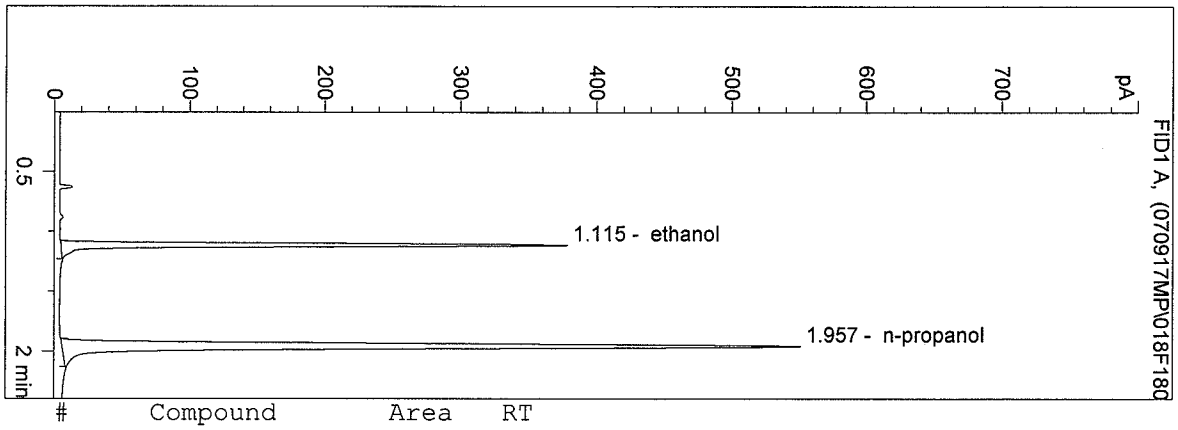
bp 9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:36:56 AM
Instrument 5
DB-ALC2

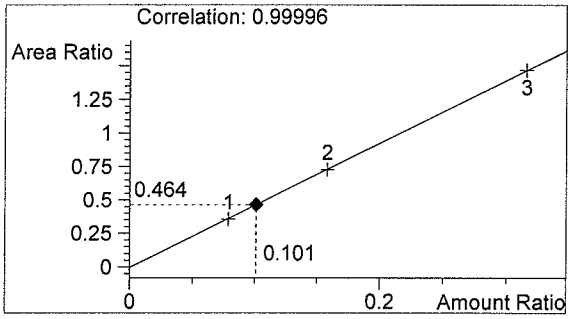
0.10CONmpa048730
m pemberton

vial # 18

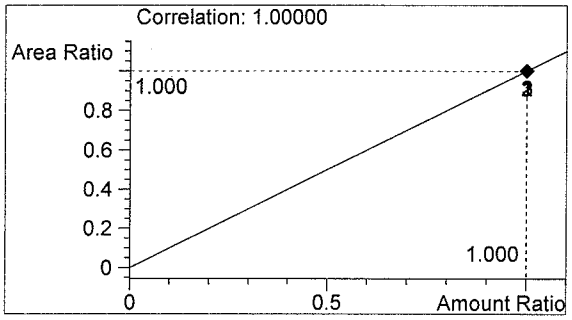


#	Compound	Area	RT
1	ethanol	758	1.115
2	n-propanol	1633	1.957

Totals:



ethanol 0.101 g/100ml



n-propanol 1.000 g/100ml

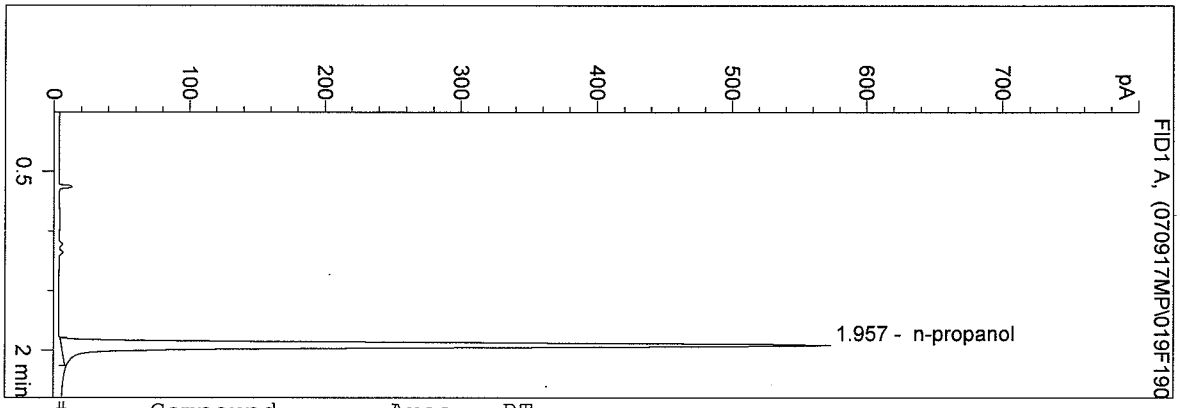
9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:41:39 AM
Instrument 5
DB-ALC2

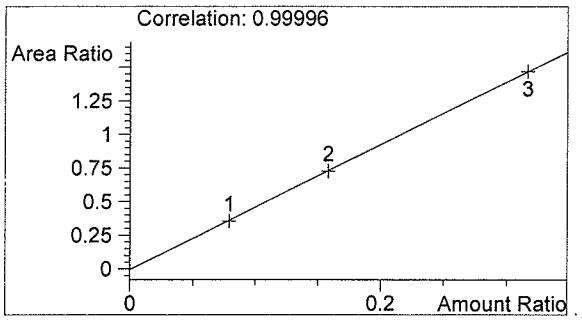
blk
m pemberton

vial # 19

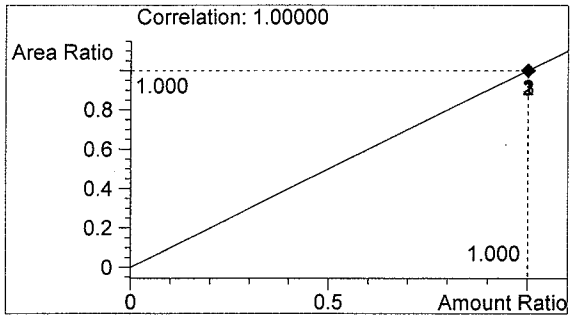


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1701	1.957

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

9/24/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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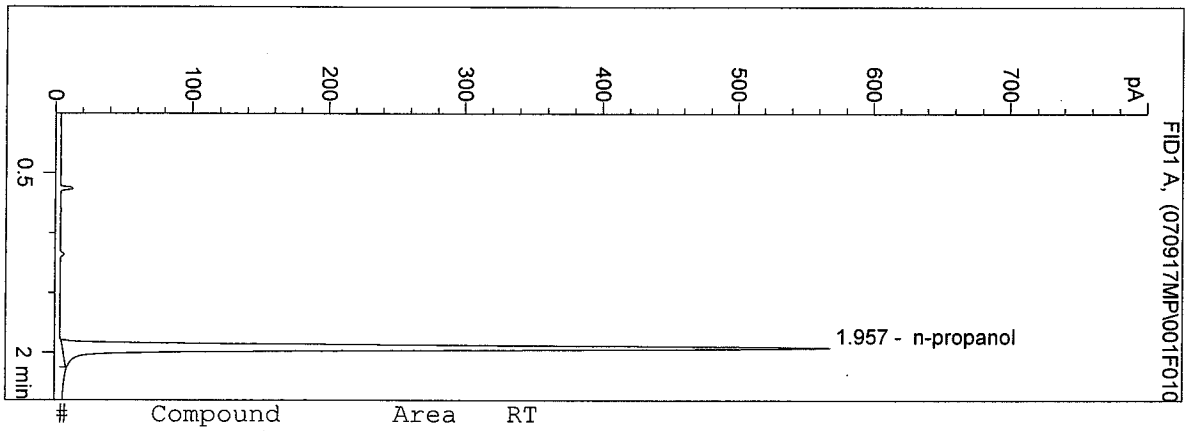
9/17/2007 8:29:40 AM
Instrument 5
DB-ALC2

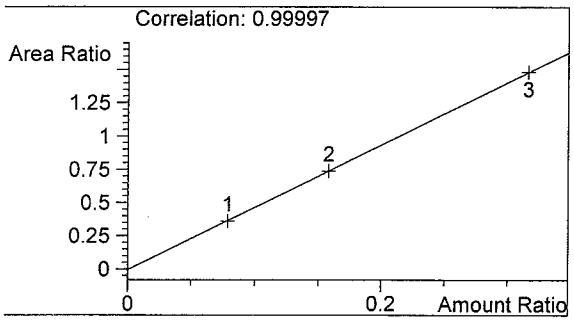
blk
m pemberton

vial # 1

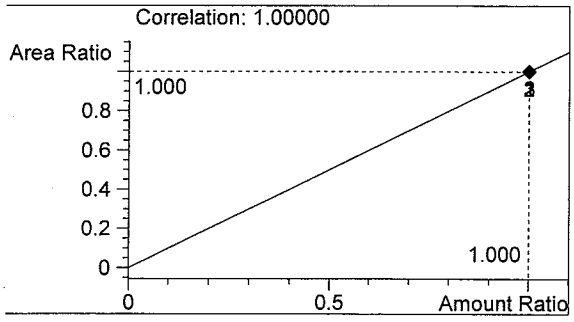


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1678	1.957

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

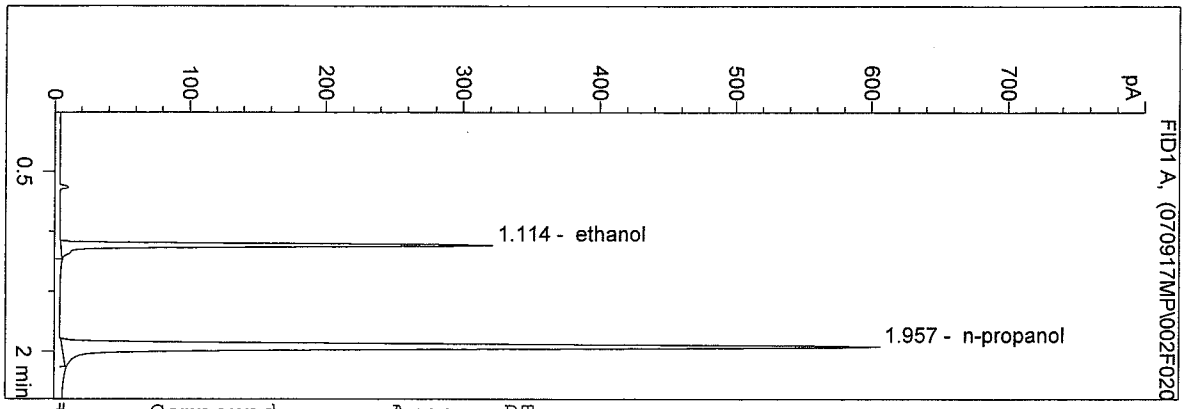
9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 8:33:15 AM
Instrument 5
DB-ALC2

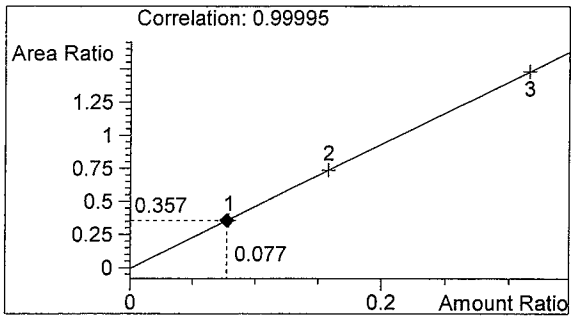
0.079 std
m pemberton

vial # 2

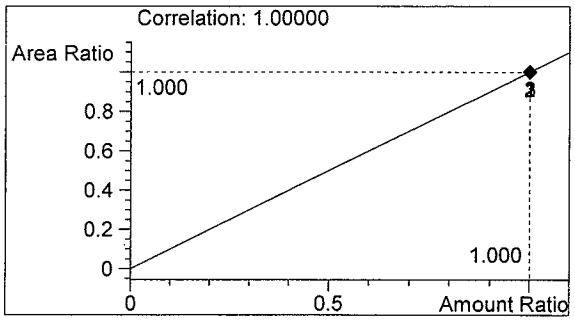


#	Compound	Area	RT
1	ethanol	638	1.114
2	n-propanol	1788	1.957

Totals:



ethanol 0.077 g/100ml



n-propanol 1.000 g/100ml

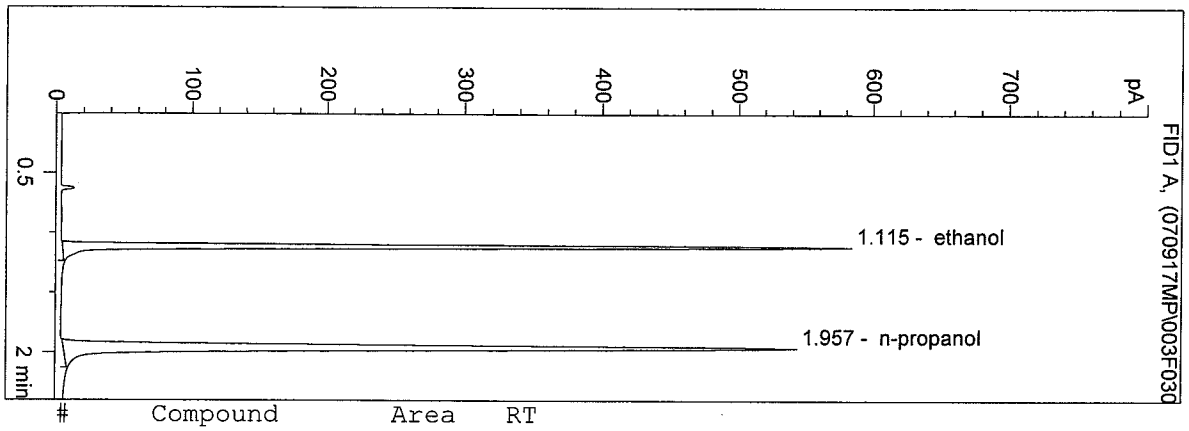
9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 8:36:48 AM
Instrument 5
DB-ALC2

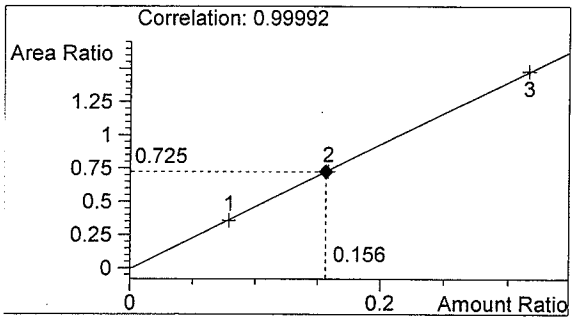
0.158 std
m pemberton

vial # 3

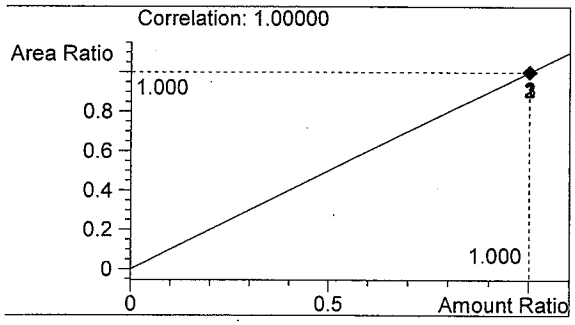


#	Compound	Area	RT
1	ethanol	1170	1.115
2	n-propanol	1613	1.957

Totals:



ethanol 0.156 g/100ml



n-propanol 1.000 g/100ml

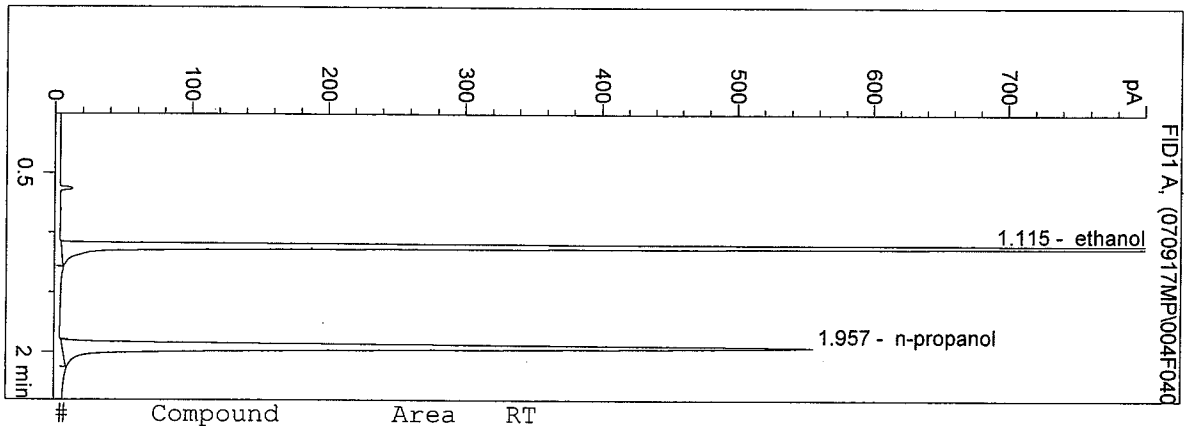
9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 8:41:39 AM
Instrument 5
DB-ALC2

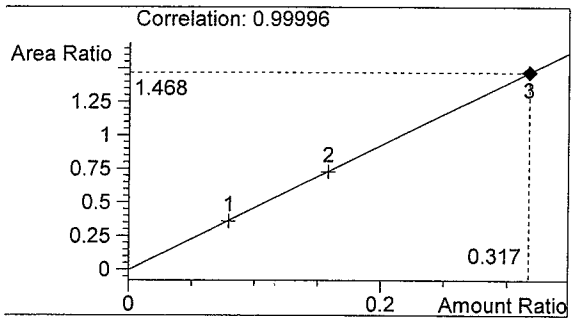
0.316 std
m pemberton

vial # 4

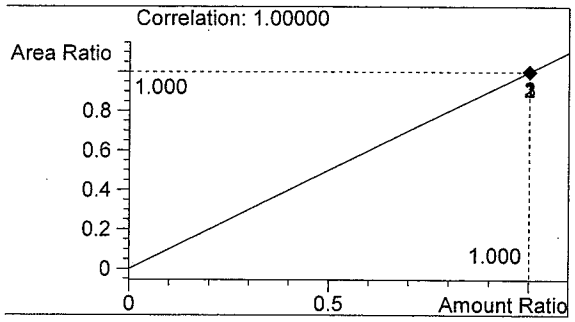


#	Compound	Area	RT
1	ethanol	2410	1.115
2	n-propanol	1642	1.957

Totals:



ethanol 0.317 g/100ml



n-propanol 1.000 g/100ml

9/24/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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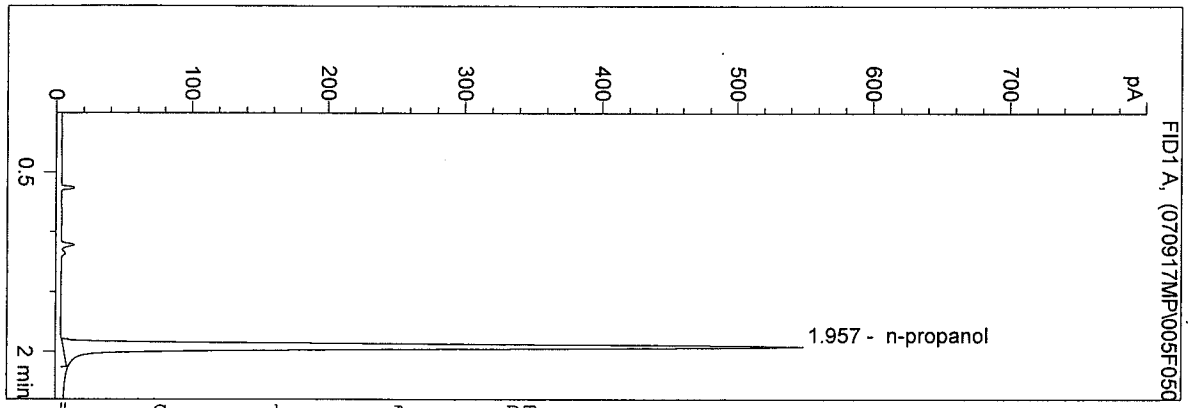
9/17/2007 8:45:22 AM
Instrument 5
DB-ALC2

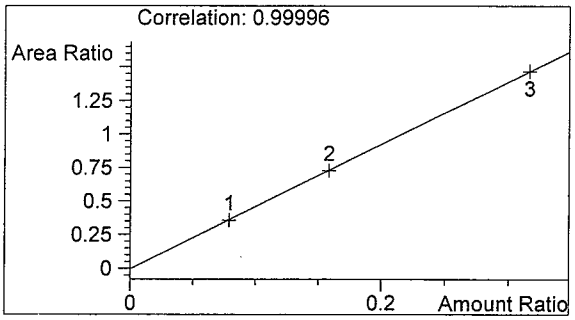
blkmp
m pemberton

vial # 5

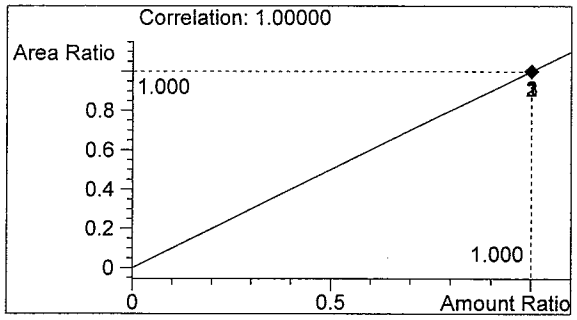


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1627	1.957

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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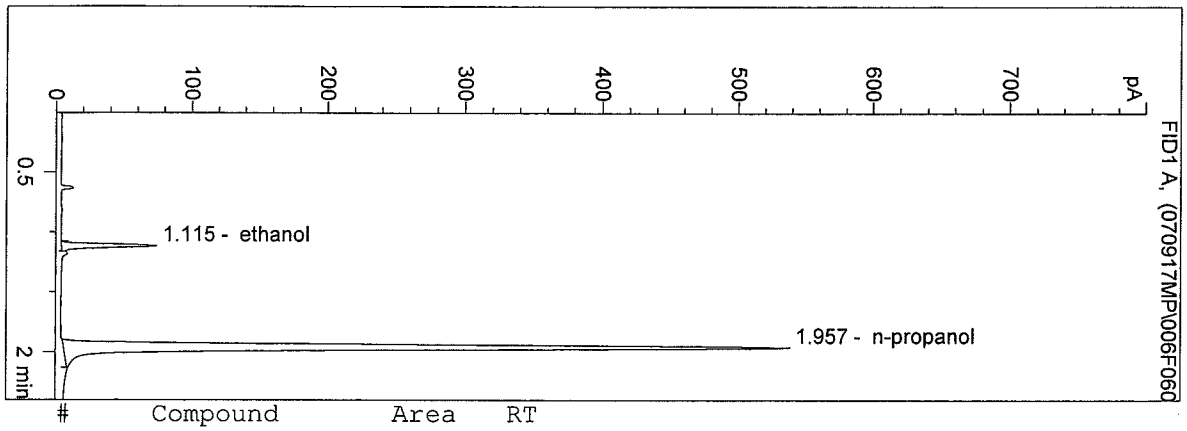
9/17/2007 8:48:51 AM
Instrument 5
DB-ALC2

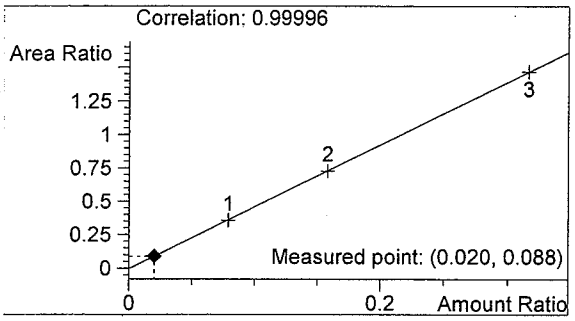
0.02 std
m pemberton

vial # 6

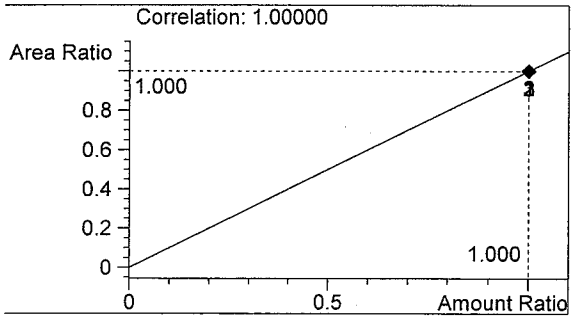


#	Compound	Area	RT
1	ethanol	141	1.115
2	n-propanol	1598	1.957

Totals:



ethanol 0.020 g/100ml



n-propanol 1.000 g/100ml

9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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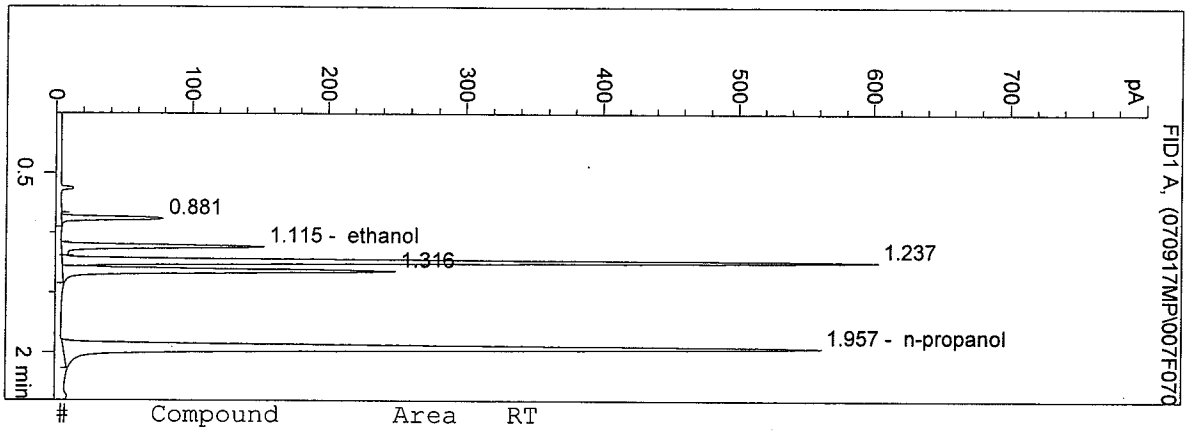
9/17/2007 8:53:36 AM
Instrument 5
DB-ALC2

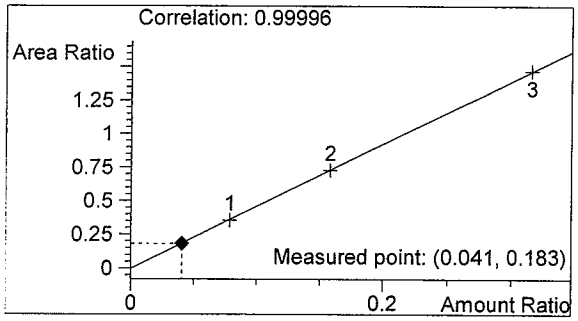
0.04 mix std
m pemberton

vial # 7

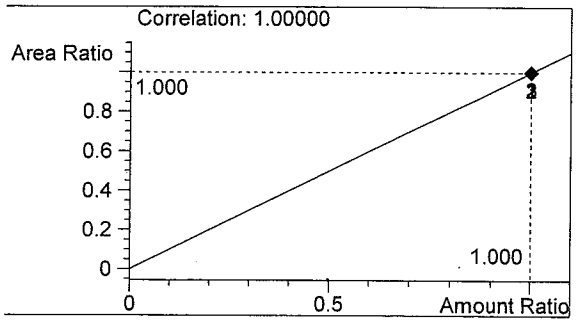


#	Compound	Area	RT
1		150	0.881
2	ethanol	305	1.115
3		1227	1.237
4		574	1.316
5	n-propanol	1666	1.957

Totals:



ethanol 0.041 g/100ml



n-propanol 1.000 g/100ml

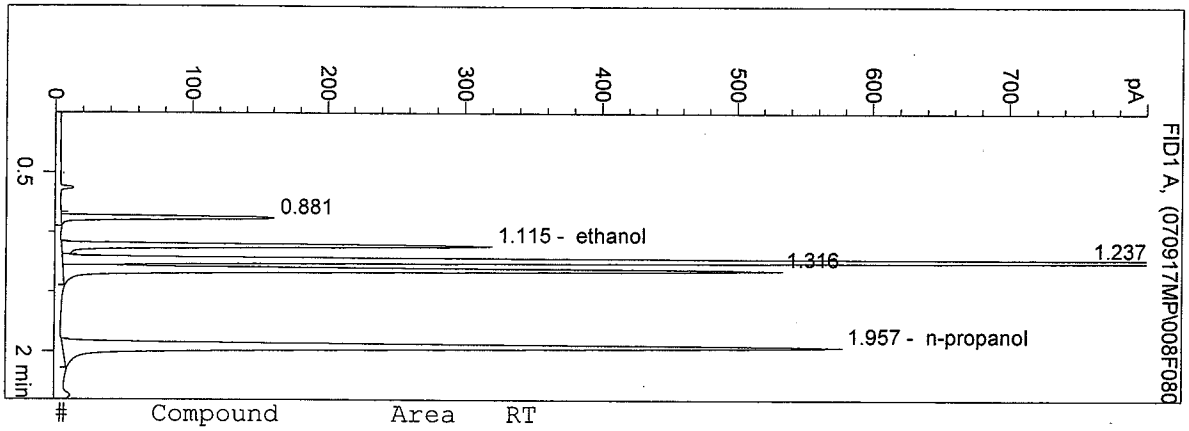
mb
9/24/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 8:57:20 AM
Instrument 5
DB-ALC2

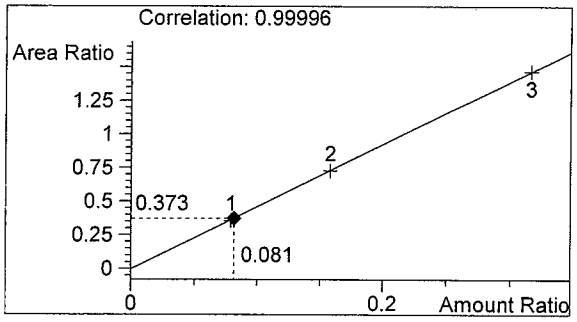
0.08 mix std
m pemberton

vial # 8

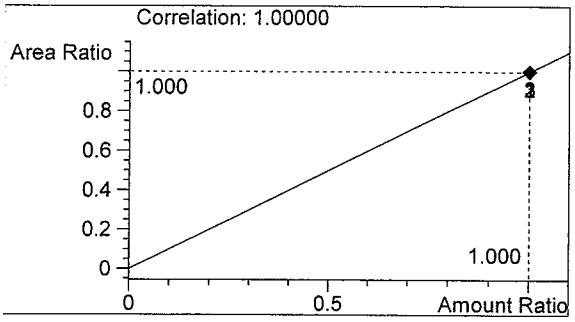


#	Compound	Area	RT
1		315	0.881
2	ethanol	637	1.115
3		2526	1.237
4		1239	1.316
5	n-propanol	1710	1.957

Totals:



ethanol 0.081 g/100ml



n-propanol 1.000 g/100ml

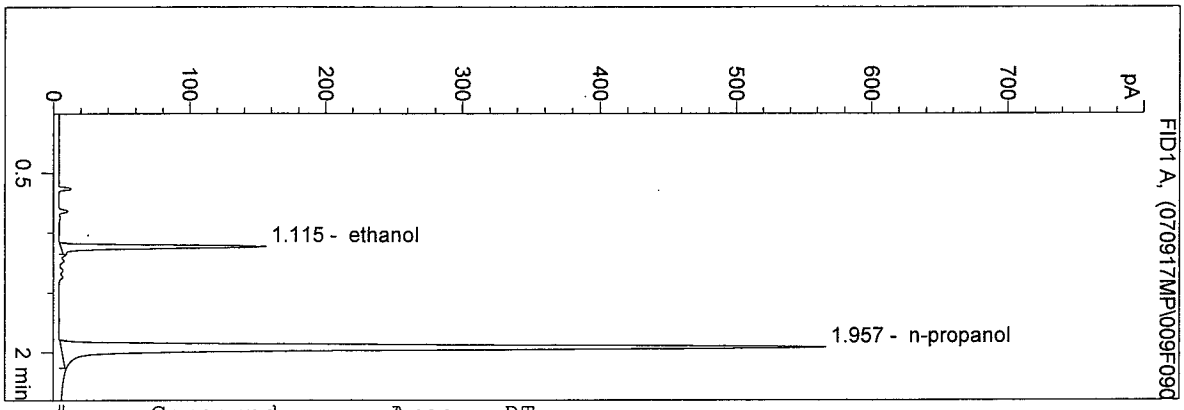
ws
9/26/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:00:56 AM
Instrument 5
DB-ALC2

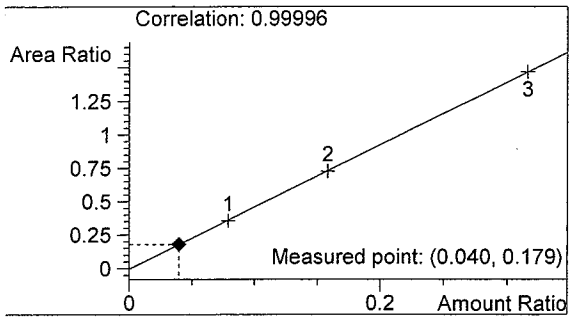
0.04conmpa048153
m pemberton

vial # 9

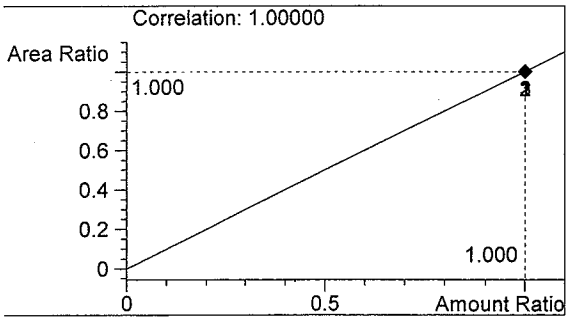


#	Compound	Area	RT
1	ethanol	300	1.115
2	n-propanol	1678	1.957

Totals:



ethanol 0.040 g/100ml



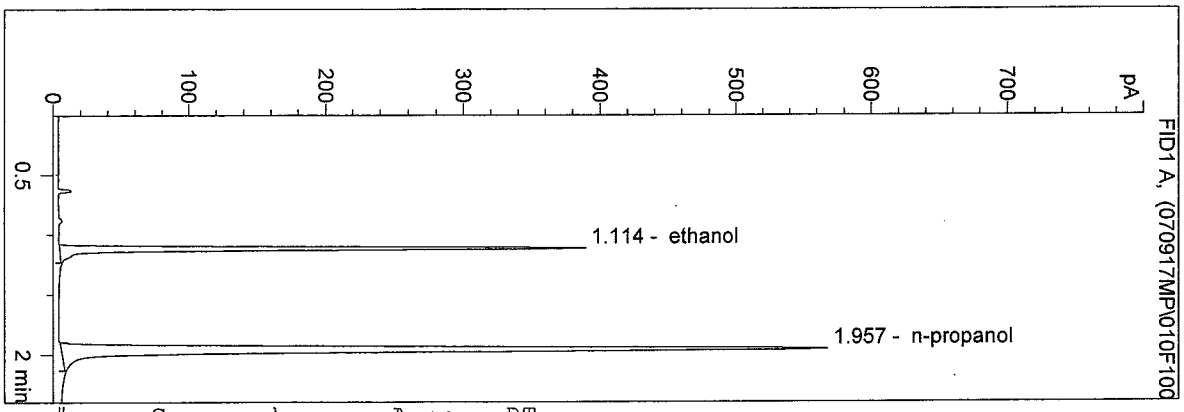
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:05:32 AM
Instrument 5
DB-ALC2

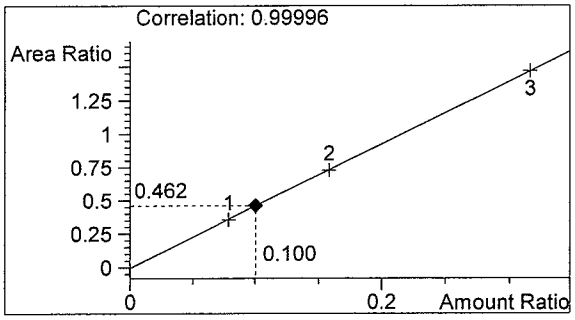
0.10CONmpa048730
m pemberton

vial # 10

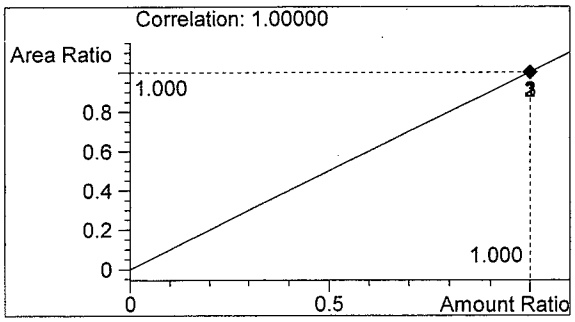


#	Compound	Area	RT
1	ethanol	778	1.114
2	n-propanol	1686	1.957

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

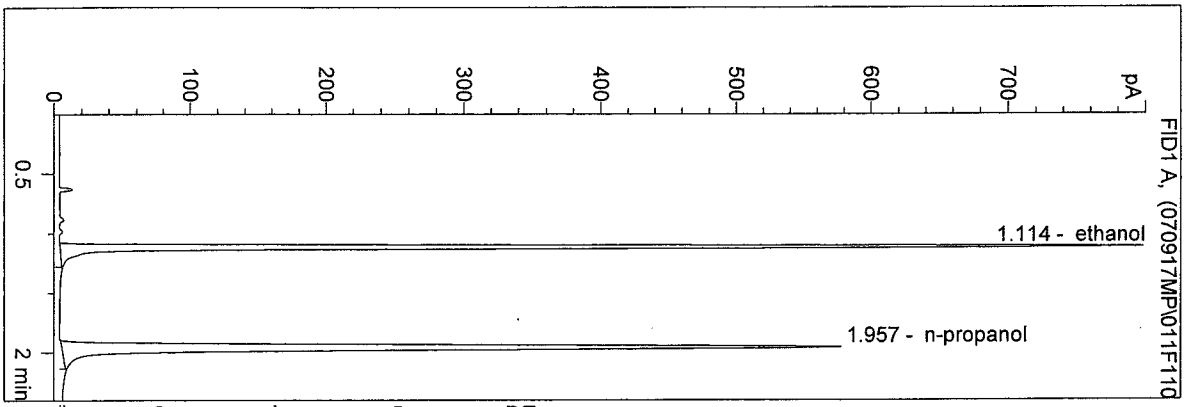
WD 9/26/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:09:18 AM
Instrument 5
DB-ALC2

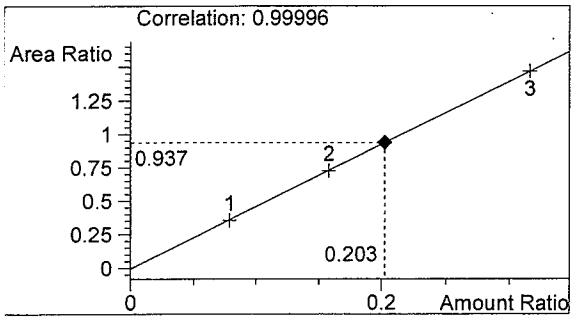
0.20CONmpa050527
m pemberton

vial # 11

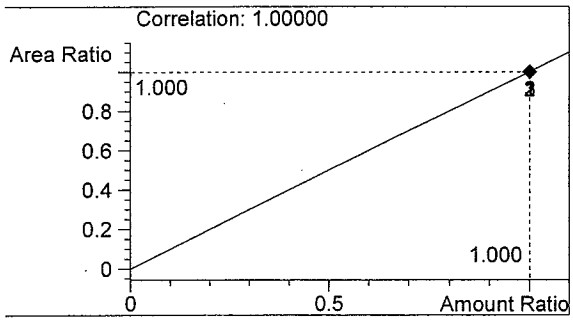


#	Compound	Area	RT
1	ethanol	1605	1.114
2	n-propanol	1713	1.957

Totals:



ethanol 0.203 g/100ml



n-propanol 1.000 g/100ml

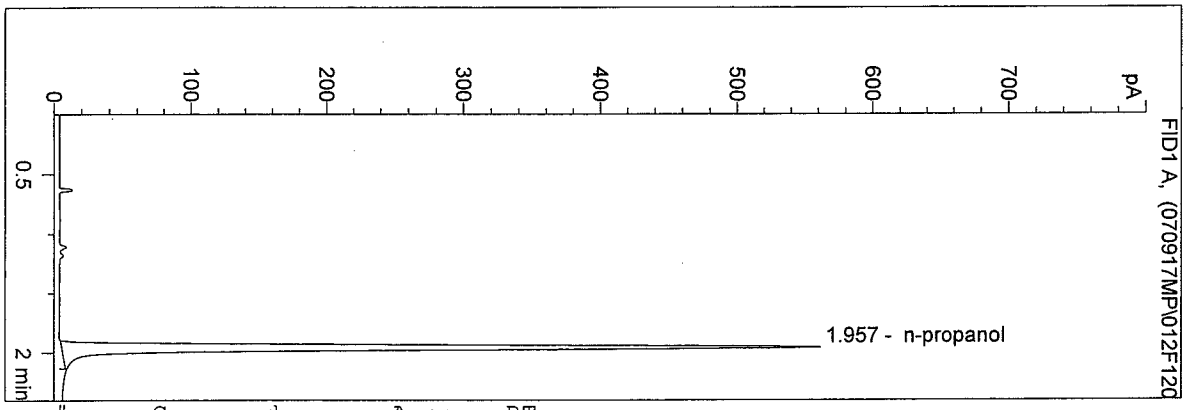
9/26/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/17/2007 9:12:56 AM
Instrument 5
DB-ALC2

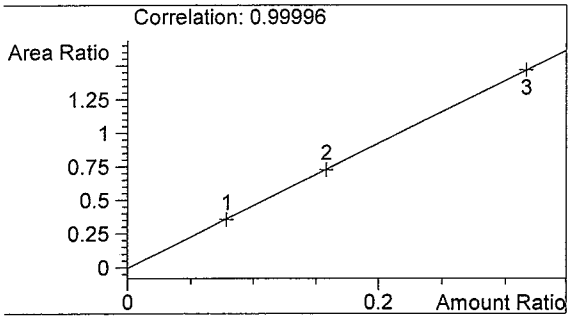
BLK
m pemberton

vial # 12

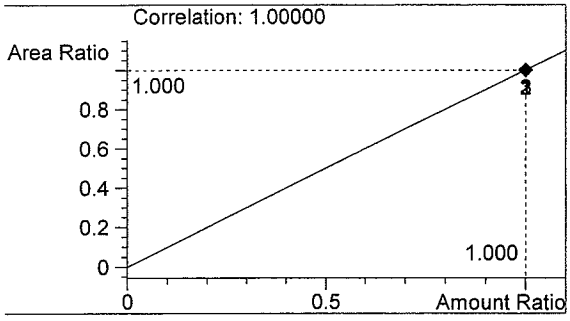


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1668	1.957

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

mp 9/18/07

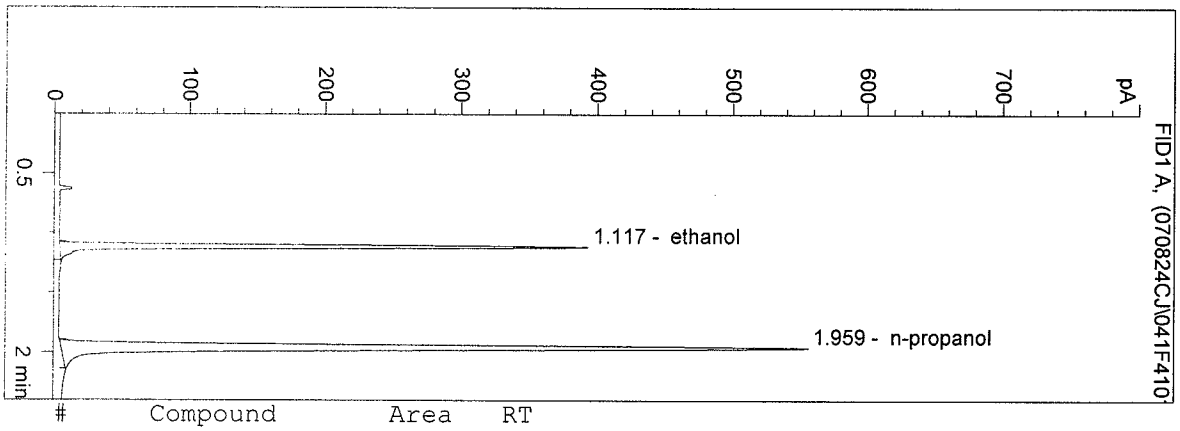
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/24/2007 6:57:11 PM
Instrument 5
DB-ALC2

07031 sim-cj
Chris Johnston

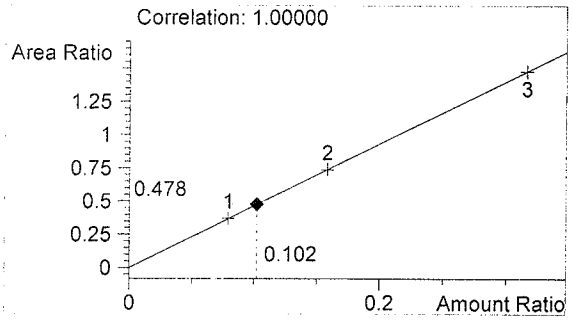
vial # 41

CJ 9.26.07

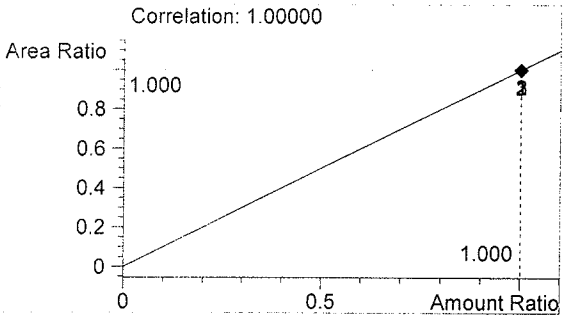


#	Compound	Area	RT
1	ethanol	786	1.117
2	n-propanol	1646	1.959

Totals:



ethanol 0.102 g/100ml



n-propanol 1.000 g/100ml

CJ Calibration in Case 0706558

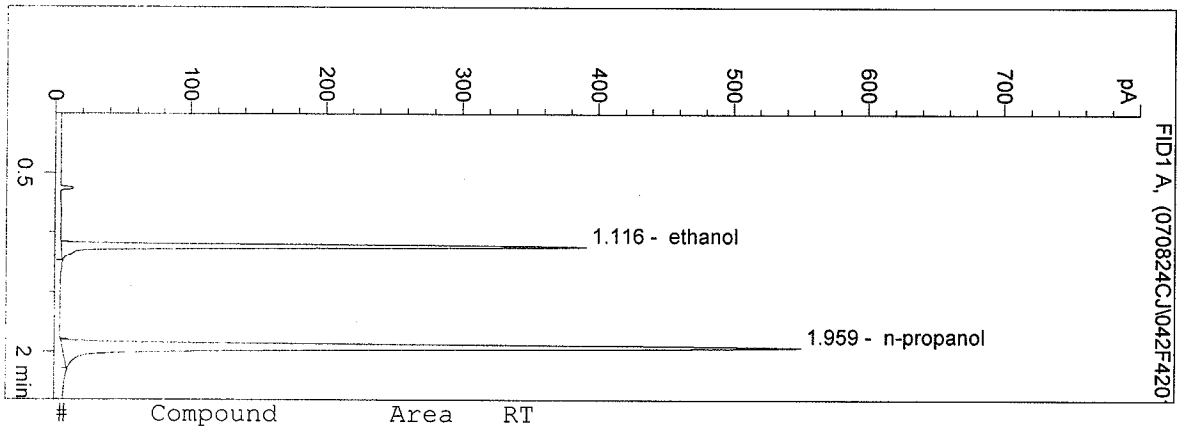
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/24/2007 7:00:39 PM
Instrument 5
DB-ALC2

07031 sim-cj
Chris Johnston

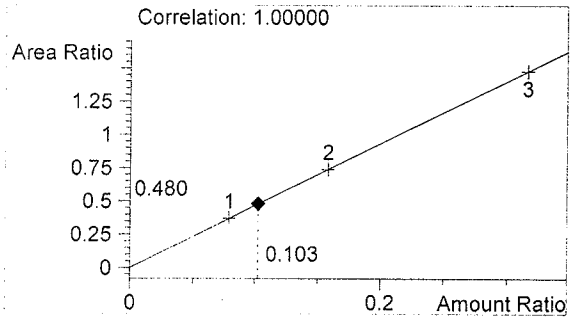
vial # 42

CJ 9.26.07

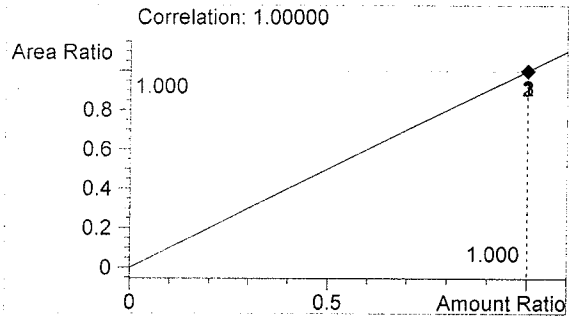


#	Compound	Area	RT
1	ethanol	785	1.116
2	n-propanol	1636	1.959

Totals:



ethanol 0.103 g/100ml



n-propanol 1.000 g/100ml

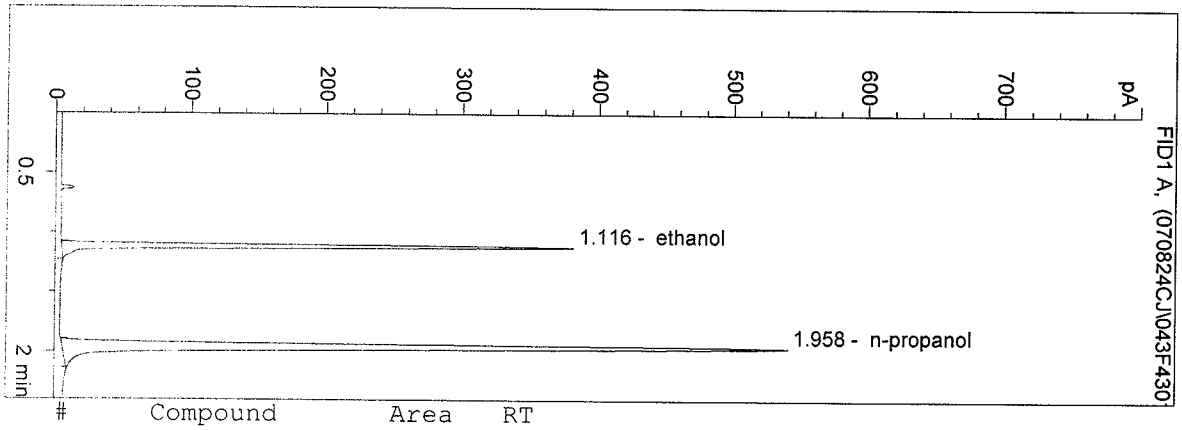
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/24/2007 7:04:17 PM
Instrument 5
DB-ALC2

07031 sim-cj
Chris Johnston

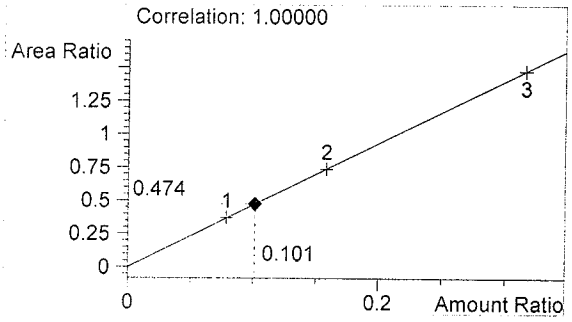
9.26.07 CJ

vial # 43

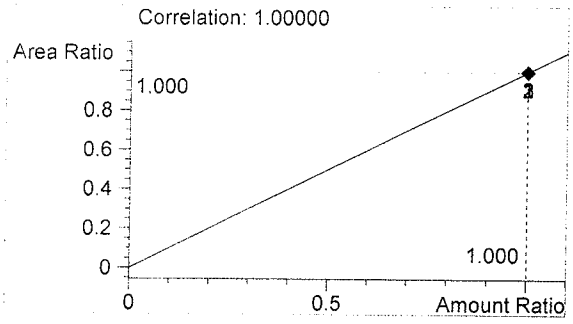


#	Compound	Area	RT
1	ethanol	758	1.116
2	n-propanol	1600	1.958

Totals:



ethanol 0.101 g/100ml



n-propanol 1.000 g/100ml

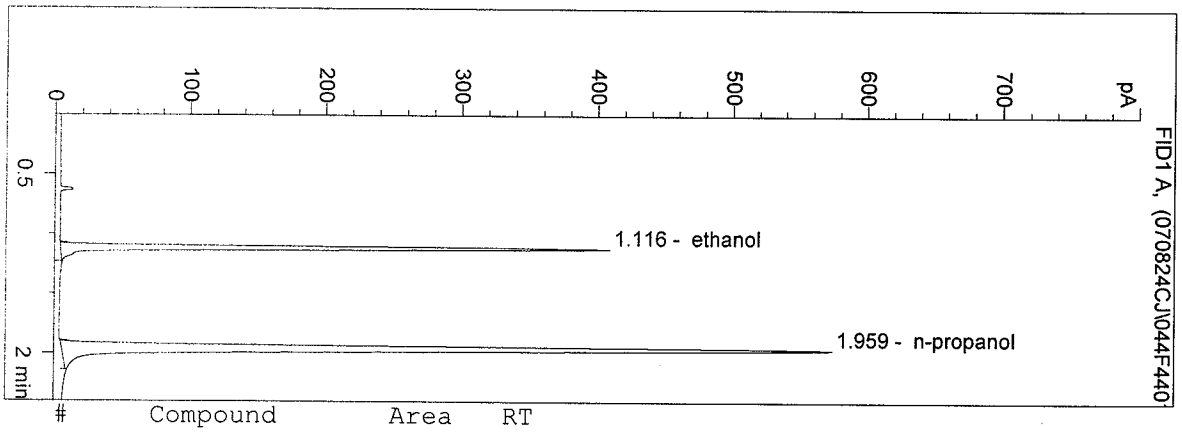
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/24/2007 7:09:12 PM
Instrument 5
DB-ALC2

07031 sim-cj
Chris Johnston

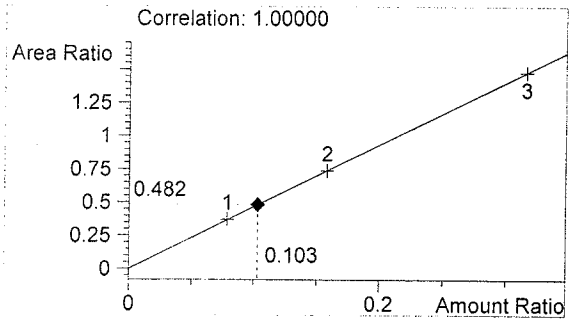
9.26.07 CJ

vial # 44

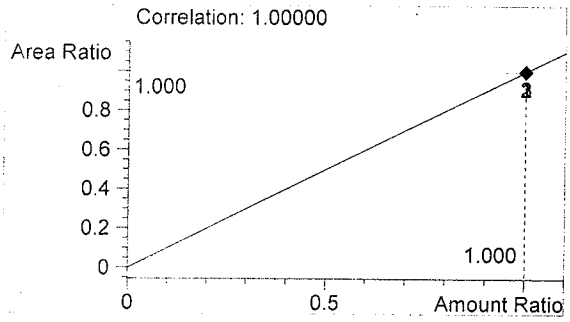


#	Compound	Area	RT
1	ethanol	819	1.116
2	n-propanol	1698	1.959

Totals:



ethanol 0.103 g/100ml



n-propanol 1.000 g/100ml

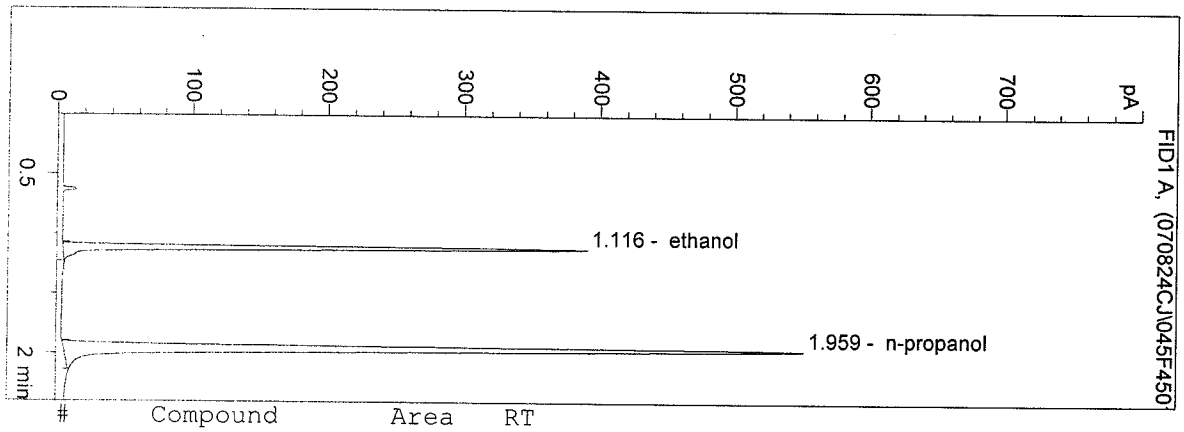
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/24/2007 7:12:46 PM
Instrument 5
DB-ALC2

07031 sim-cj
Chris Johnston

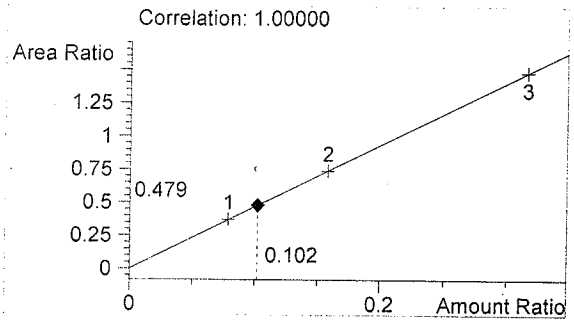
CJ 9.26.07

vial # 45

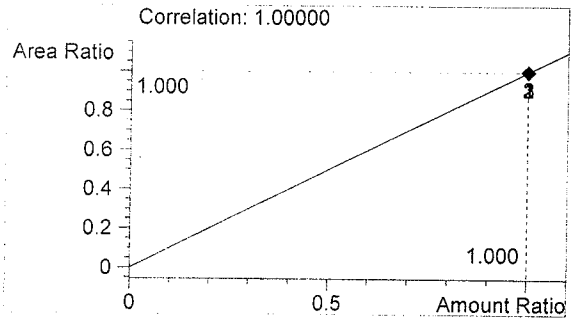


#	Compound	Area	RT
1	ethanol	781	1.116
2	n-propanol	1631	1.959

Totals:



ethanol 0.102 g/100ml



n-propanol 1.000 g/100ml

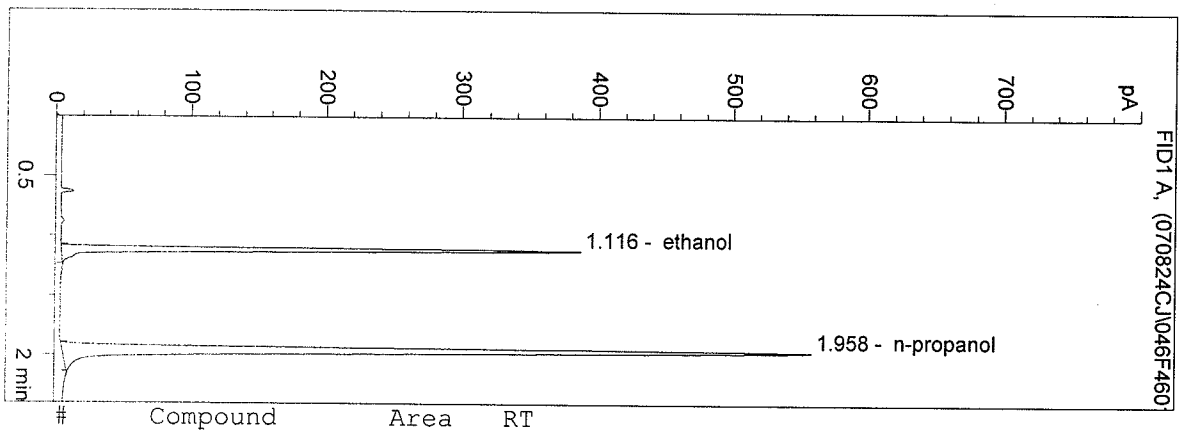
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/24/2007 7:16:15 PM
Instrument 5
DB-ALC2

0.10 Control CJ
Chris Johnston

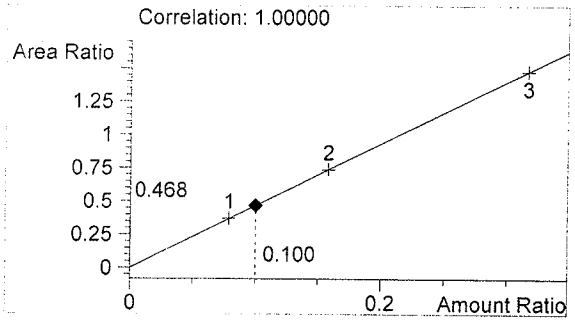
vial # 46

9.26.07 CJ

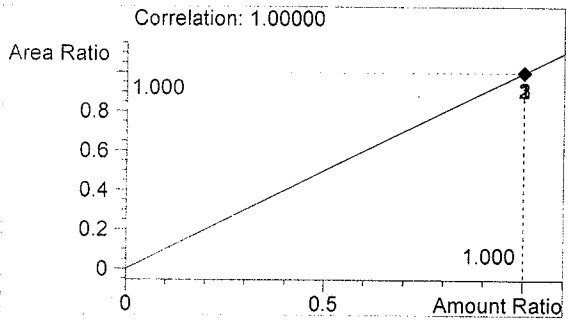


#	Compound	Area	RT
1	ethanol	775	1.116
2	n-propanol	1657	1.958

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

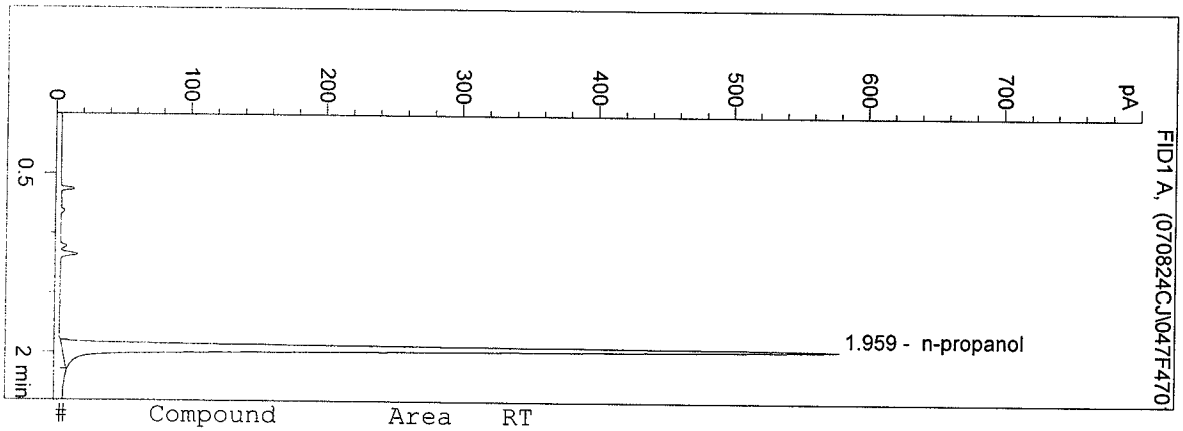
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/24/2007 7:21:12 PM
Instrument 5
DB-ALC2

blank
Chris Johnston

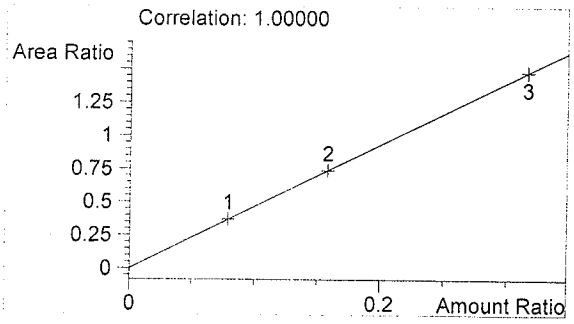
9.26.07 CJ

vial # 47

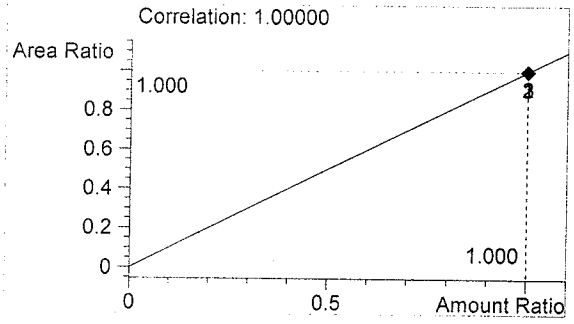


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1718	1.959

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml