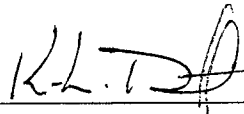


**Notice of Simulator Solution File Review**

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.



10/15/2007

Tpr. Ken Denton

Date



10-15-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory  
Simulator Solution Data Entry Review Form

Reviewer KEN DELTON / ROD GULLBERG Date 10-10-07  
Location TOX LABS SEATTLE Batch Number 05003

Form Review Criteria

Preparation date precedes all analysis dates: Okay  Not Okay \_\_\_  
Data entry corresponds to all chromatograms: Okay  Not Okay \_\_\_  
All signatures present: Okay  Not Okay \_\_\_


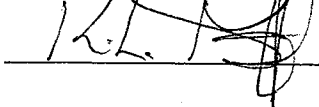
Computations:

Avg. solution concentration: Correct  Not Correct \_\_\_  
Standard deviation: Correct  Not Correct \_\_\_  
Range: Correct  Not Correct \_\_\_  
Precision: Correct  Not Correct \_\_\_  
Equivalent vapor concent.: Correct  Not Correct \_\_\_  
External Control Information  
(lot # and future date): Correct  Not Correct \_\_\_

Complies with accuracy and precision requirements established by the  
State Toxicologist: Yes  No \_\_\_

Corrections Necessary:

Comments:

Reviewer Signature:  Date: 10-10-07  
Reviewer Signature:  Date: 10/10/2007

**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 Quality Assurance solution**

Batch number **05003**

Date: 1/7/2005

Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 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	Anal 10	Anal 11	Anal 12
1	0.097	0.096	0.094									
2	0.097	0.096	0.095									
3	0.097	0.096	0.095									
4	0.097	0.096	0.095									
5	0.097	0.096	0.094									
Ctrl	0.101	0.099	0.098									

**External Control:**

Lot #: A028603 Exp date: 12/07

Target concentration: 0.10 g/100mL

**Statistics:**

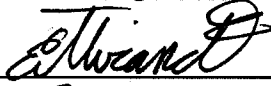

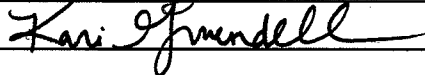
Avg. solution concent.: 0.0959 g/100 mL

SD: 0.00106

Range (3xSD): 0.0927 to 0.0991

Precision CV (%): 1.1054 %

**Equivalent vapor concent.:** 0.0780 g/210L

Analyst	Name	Signature	Date
1	Estuardo J. Miranda		01/07/2005
2	Brian Capron		01/10/2005
3	Kari Gruendell		01/11/2005
4			
5			
6			
7			
8			
9			
10			
11			
12			

Prepared by: Estuardo J. Miranda according to the approved protocol



STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY  
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION

I, Estuardo J. Miranda, do certify under penalty of perjury as follows:

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, seven years experience in biochemical research and six years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 05003 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0959 grams per 100ml.

Dated: 1/24/05  
Seattle, WA

Estuardo J. Miranda  
Forensic Toxicologist

EM/la  
EMQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

  
10-15-2007



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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION

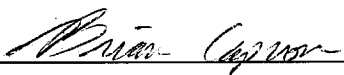
I, Brian Capron, do certify under penalty of perjury as follows:

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 eight years of experience in forensic toxicology.

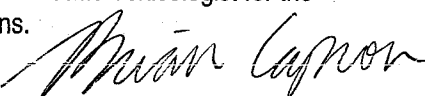
The quality assurance solution, Lot Number 05003, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0959 grams per 100ml.

Dated: 1/24/05  
Seattle, WA

  
\_\_\_\_\_  
Brian Capron  
Forensic Toxicologist

BC/la  
BCQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

 10.11.07





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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION

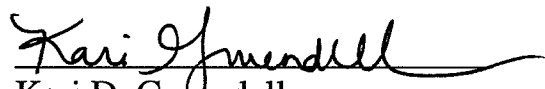
I, Kari D. Gruendell, do certify under penalty of perjury as follows:

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

I possess the following qualifications: BS degree in Biology and a minor in Chemistry and two years of analytical laboratory experience.

The quality assurance solution, Lot Number 05003, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0959 grams per 100ml.

Dated: 1/24/05  
Seattle, WA

  
Kari D. Gruendell  
Forensic Toxicologist

KDG/la  
KDGQA



Sequence Parameters:

Operator: Estuardo J. Miranda  
Data File Naming: Auto  
Data Directory: D:\HPCHEM\1\DATA\  
Data Subdirectory: 050107JM  
Part of Methods to run: According to Runtime Checklist  
Barcode Reader: not used  
Shutdown Cmd/Macro: none  
Sequence Comment:

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	Q.A. Sol 05003-1	BLDALCO	1	Sample		
3	Vial 3	Q.A. Sol 05003-2	BLDALCO	1	Sample		
4	Vial 4	Q.A. Sol 05003-3	BLDALCO	1	Sample		
5	Vial 5	Q.A. Sol 05003-4	BLDALCO	1	Sample		
6	Vial 6	Q.A. Sol 05003-5	BLDALCO	1	Sample		
7	Vial 7	0.100 Control EM	BLDALCO	1	Ctrl Samp		
8	Vial 8	Blank	BLDALCO	1	Sample		

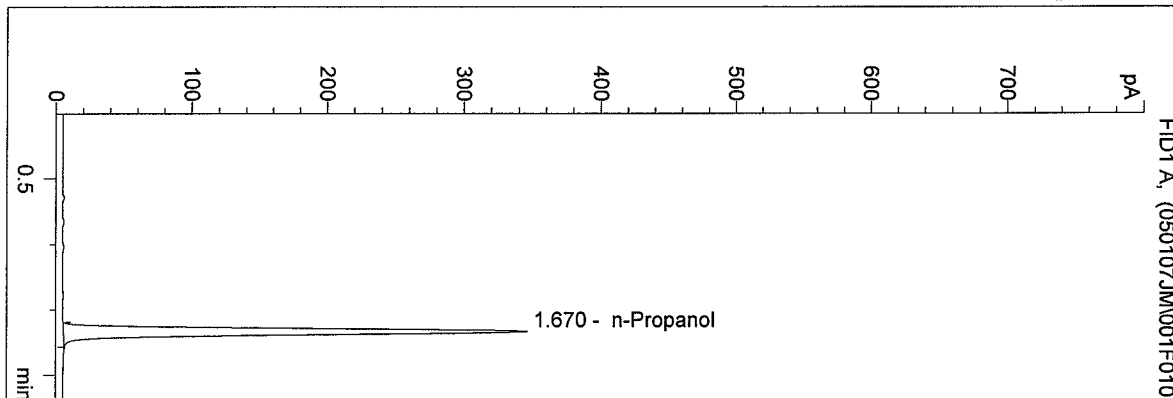
Sequence Table (Back Injector):

No entries - empty table!

D:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 4  
 DB-ALC1

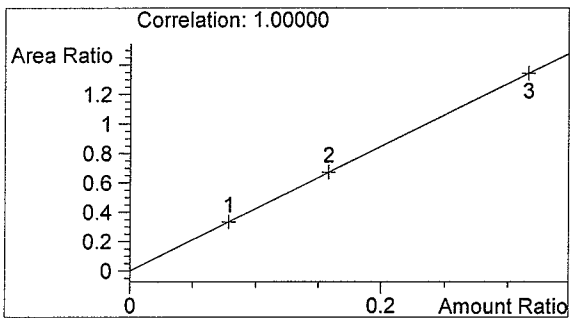
Blank  
 Estuardo J. Miranda

vial # 1

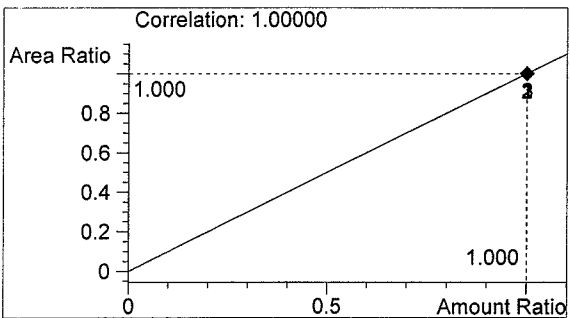


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1127	1.670

Totals:



Ethanol 0.000 g/100ml



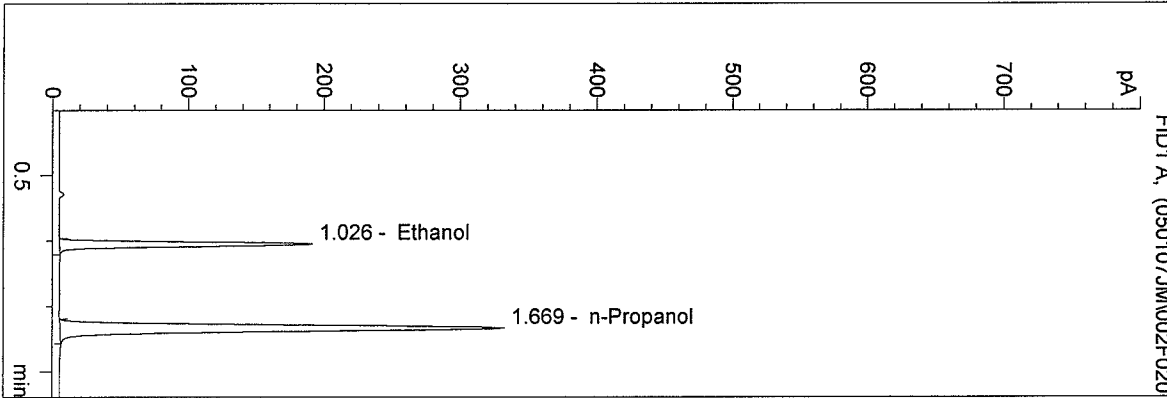
n-Propanol 1.000 g/100ml



D:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 4  
 DB-ALC1

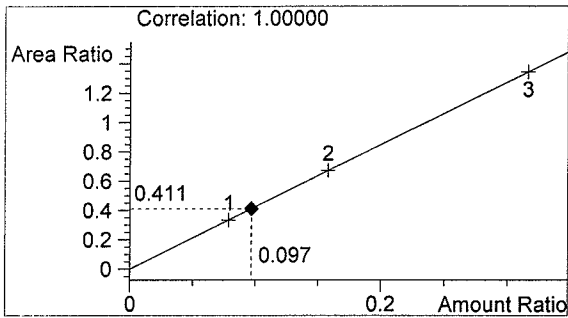
Q.A. Sol 05003-1  
 Estuardo J. Miranda

vial # 2

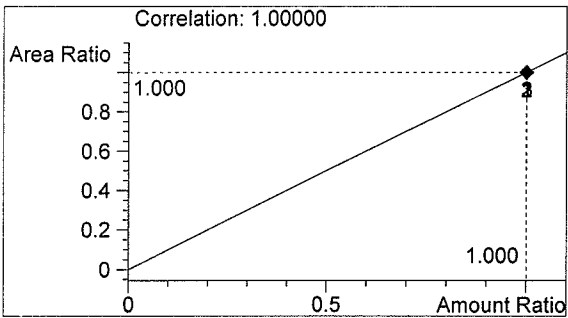


#	Compound	Area	RT
1	Ethanol	444	1.026
2	n-Propanol	1081	1.669

Totals:



Ethanol 0.097 g/100ml

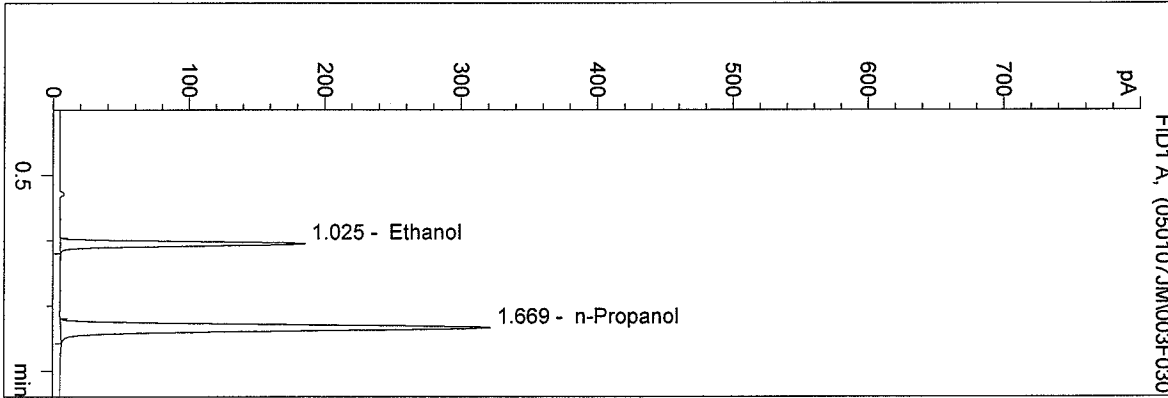


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/7/2005 5:37:14 PM  
 Instrument 4  
 DB-ALC1

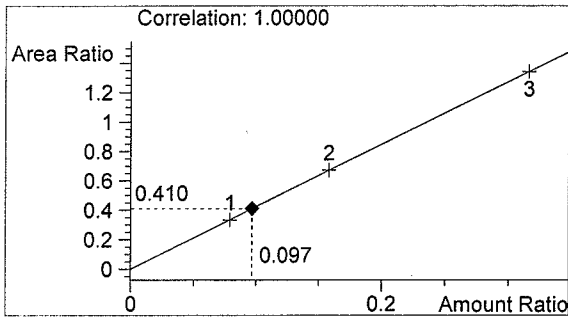
Q.A. Sol 05003-2  
 Estuardo J. Miranda

vial # 3

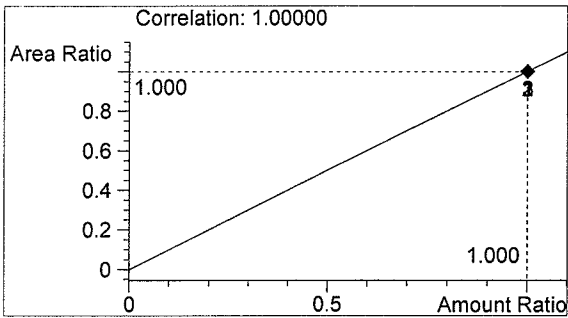


#	Compound	Area	RT
1	Ethanol	428	1.025
2	n-Propanol	1044	1.669

Totals:



Ethanol 0.097 g/100ml

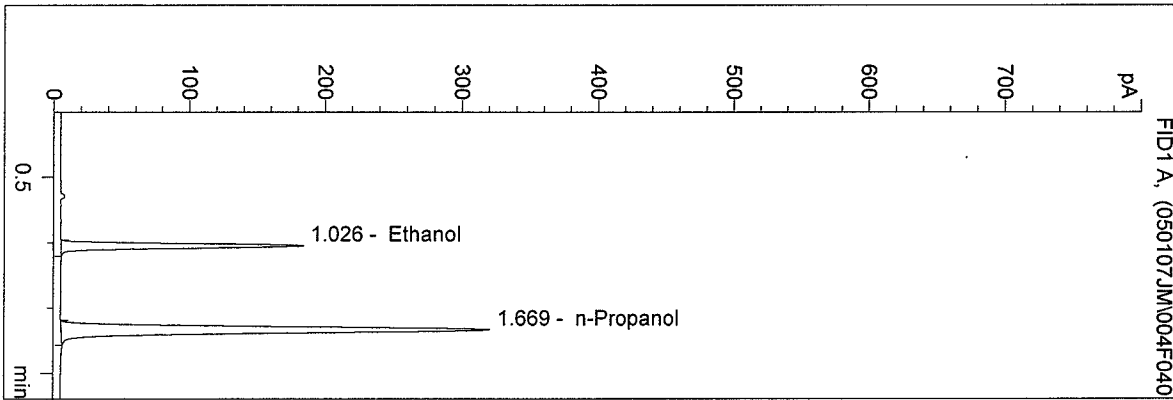


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 4  
 DB-ALC1

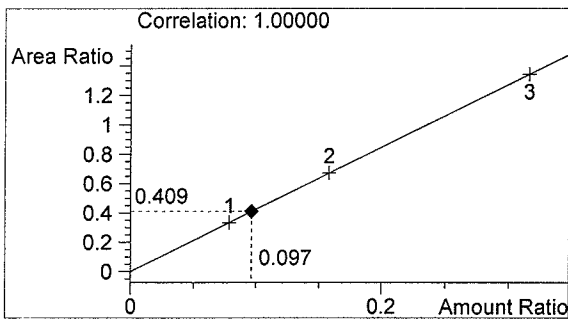
Q.A. Sol 05003-3  
 Estuardo J. Miranda

vial # 4

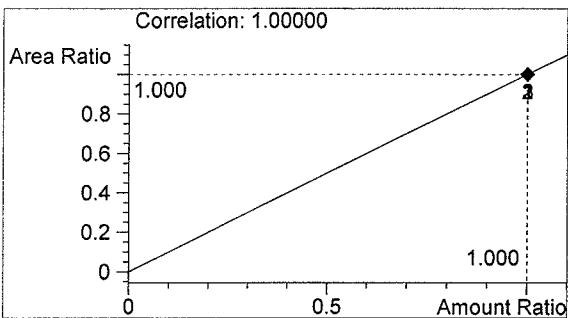


#	Compound	Area	RT
1	Ethanol	427	1.026
2	n-Propanol	1043	1.669

Totals:



Ethanol 0.097 g/100ml

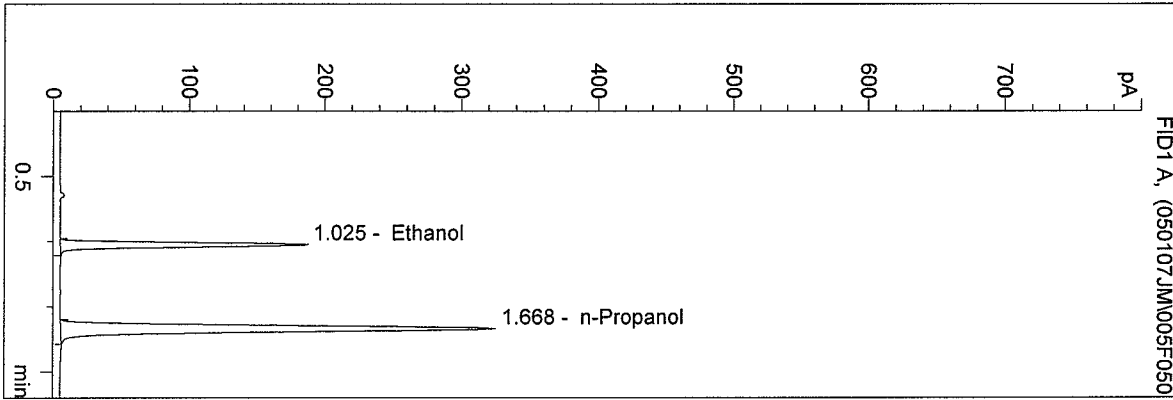


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/7/2005 5:43:34 PM  
 Instrument 4  
 DB-ALC1

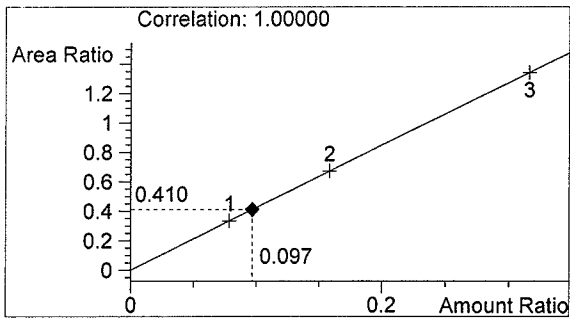
Q.A. Sol 05003-4  
 Estuardo J. Miranda

vial # 5

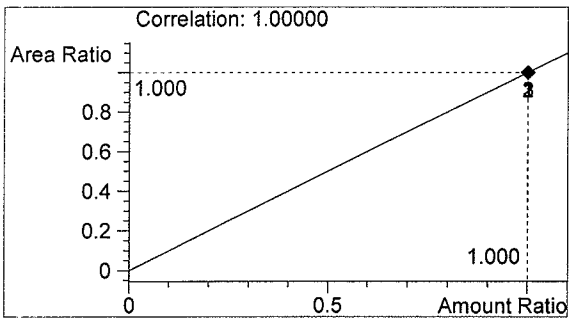


#	Compound	Area	RT
1	Ethanol	433	1.025
2	n-Propanol	1055	1.668

Totals:



Ethanol 0.097 g/100ml

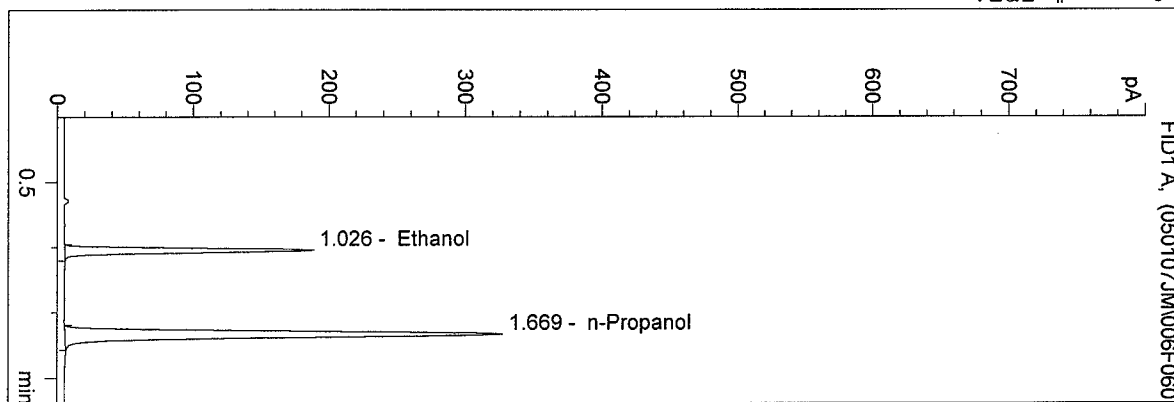


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/7/2005 5:46:41 PM  
 Instrument 4  
 DB-ALC1

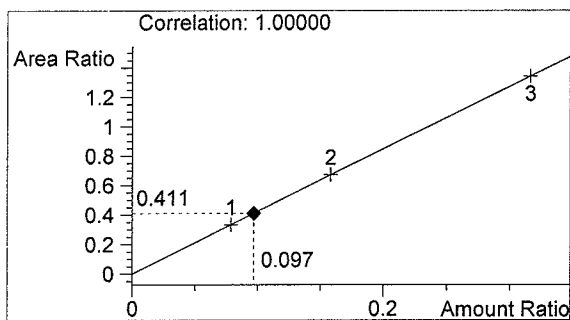
Q.A. Sol 05003-5  
 Estuardo J. Miranda

vial # 6

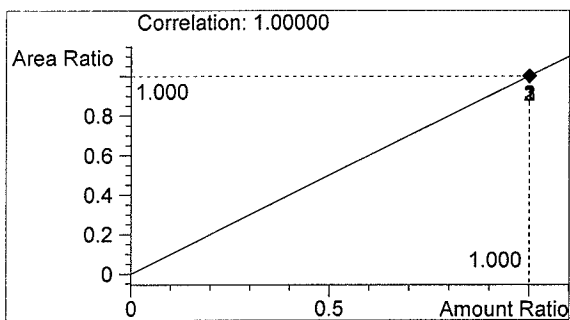


#	Compound	Area	RT
1	Ethanol	437	1.026
2	n-Propanol	1065	1.669

Totals:



Ethanol 0.097 g/100ml

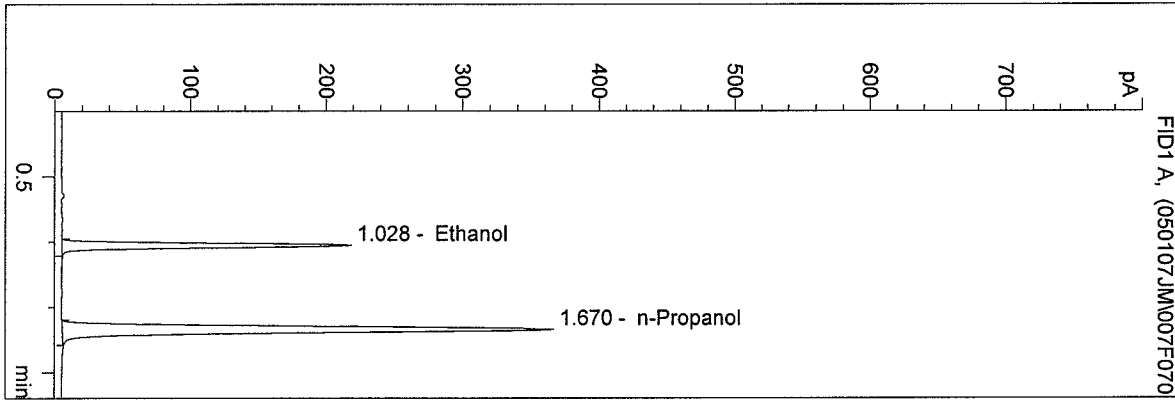


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/7/2005 5:49:57 PM  
 Instrument 4  
 DB-ALC1

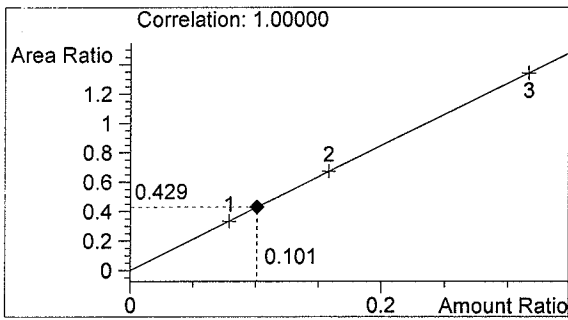
0.100 Control EM  
 Estuardo J. Miranda

vial # 7

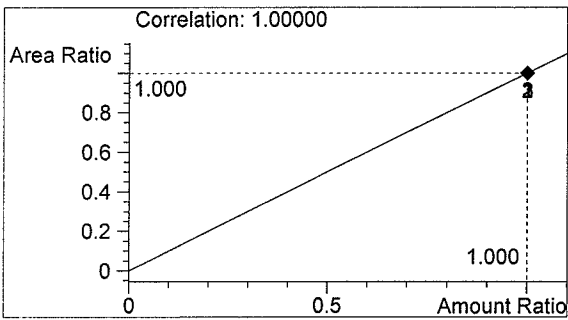


#	Compound	Area	RT
1	Ethanol	514	1.028
2	n-Propanol	1198	1.670

Totals:



Ethanol 0.101 g/100ml

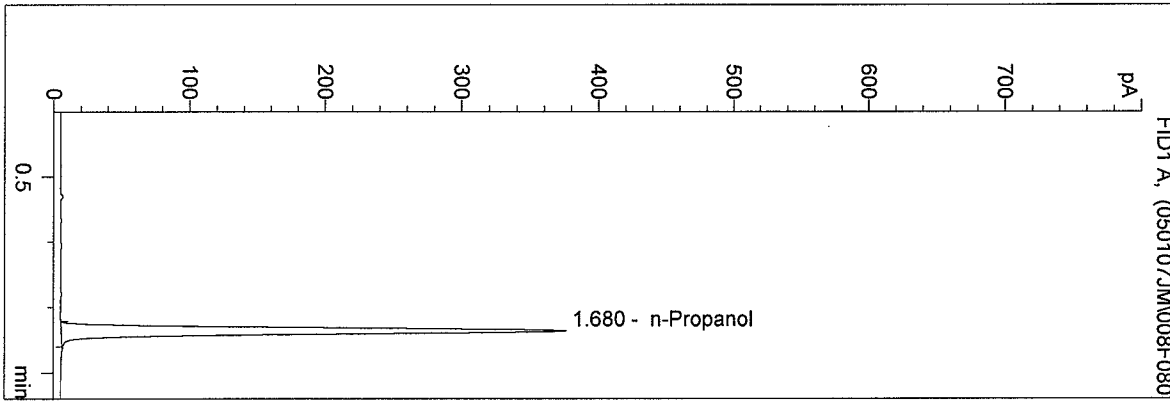


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/7/2005 5:53:11 PM  
 Instrument 4  
 DB-ALC1

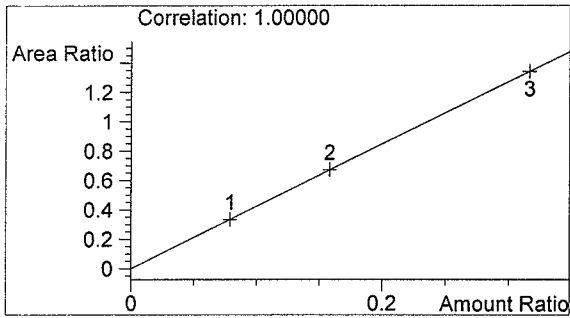
Blank  
 Estuardo J. Miranda

vial # 8

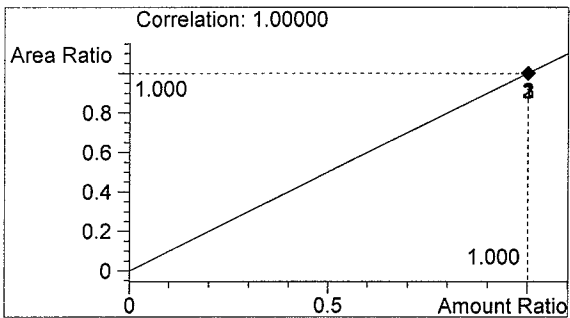


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1230	1.680

Totals:



Ethanol 0.000 g/100ml

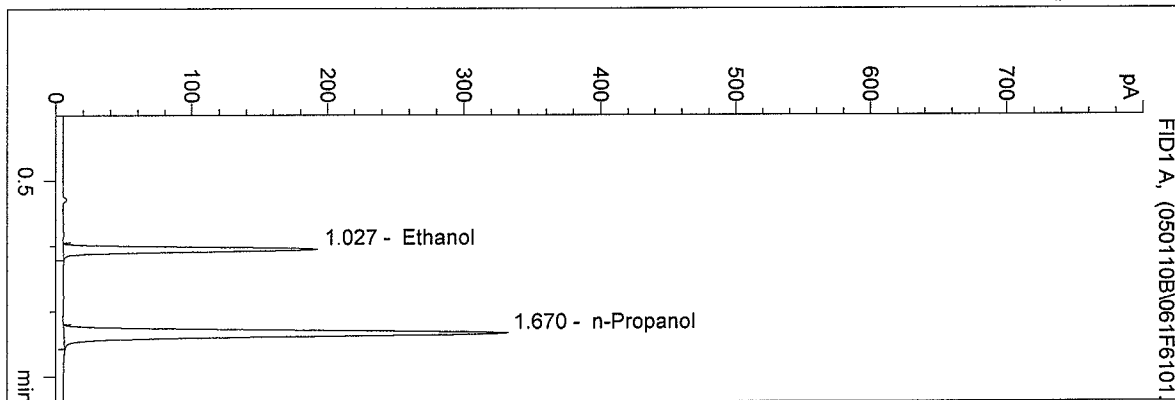


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2005 12:57:17 PM  
 Instrument 4  
 DB-ALC1

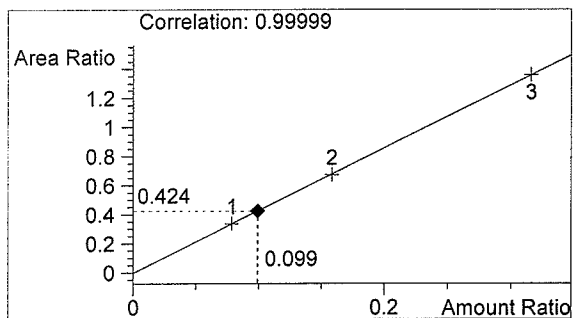
0.10 control  
 bcapron

vial # 61

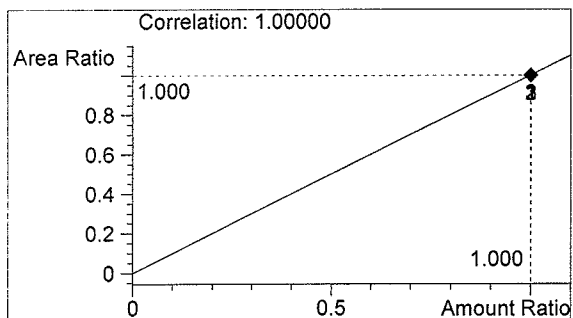


#	Compound	Area	RT
1	Ethanol	463	1.027
2	n-Propanol	1092	1.670

Totals:



Ethanol 0.099 g/100ml



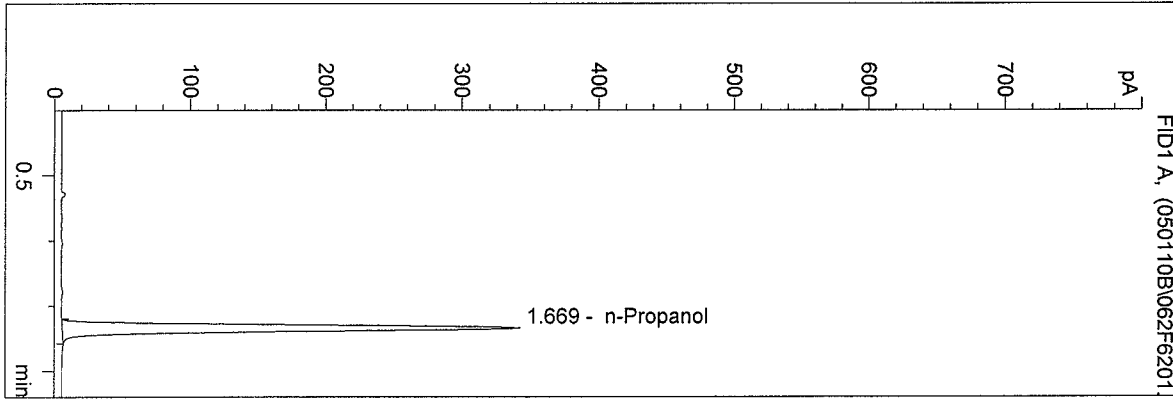
n-Propanol 1.000 g/100ml



D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2005 1:00:31 PM  
 Instrument 4  
 DB-ALC1

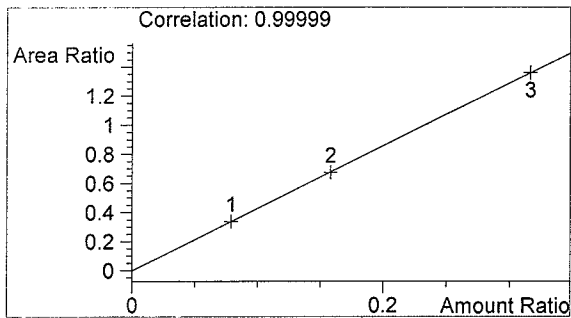
blank  
 bcapron

vial # 62

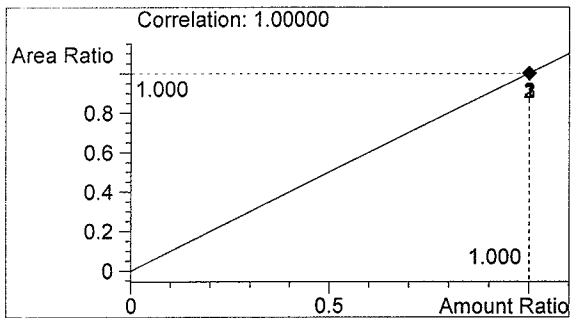


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1129	1.669

Totals:



Ethanol 0.000 g/100ml

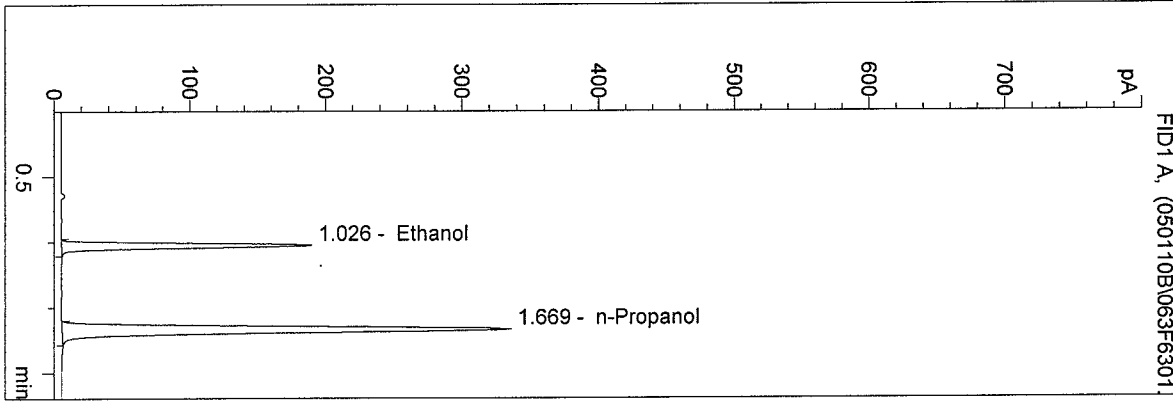


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 4  
 DB-ALC1

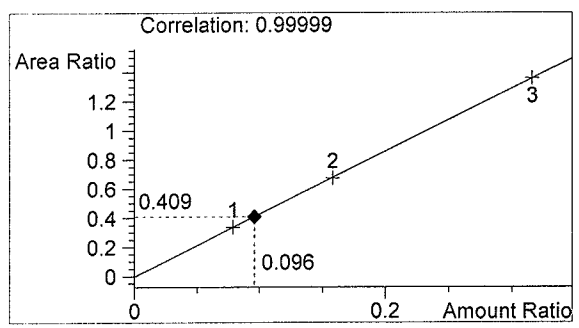
05003  
 bcapron

vial # 63

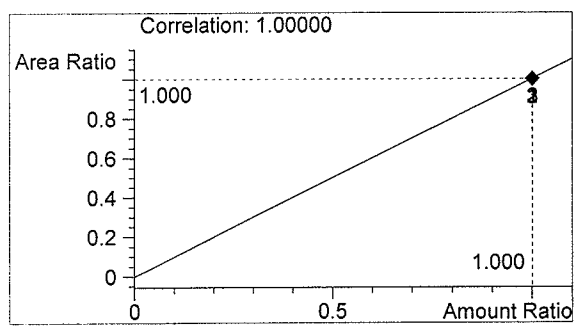


#	Compound	Area	RT
1	Ethanol	452	1.026
2	n-Propanol	1103	1.669

Totals:



Ethanol 0.096 g/100ml

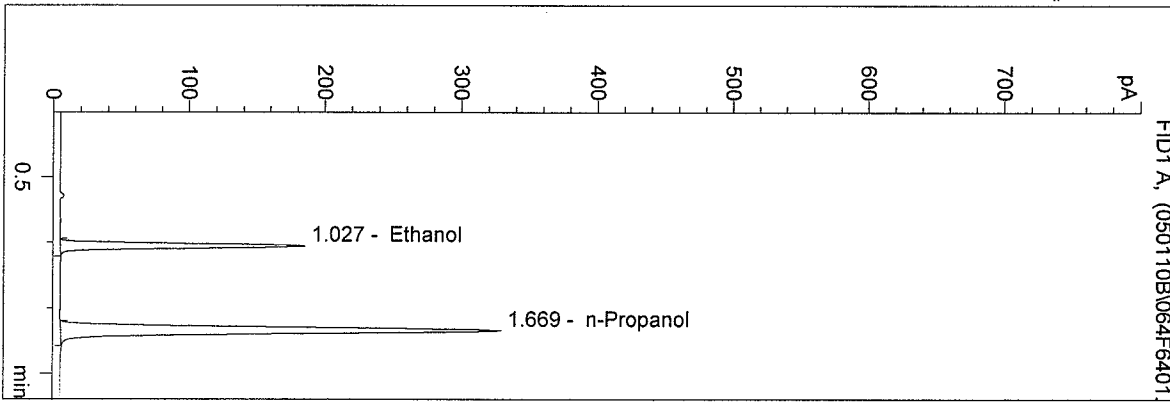


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2005 1:06:55 PM  
 Instrument 4  
 DB-ALC1

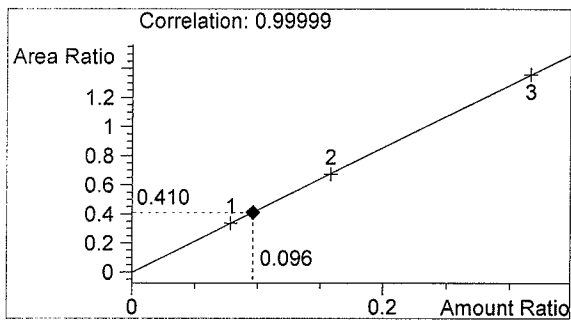
05003  
 bcapron

vial # 64

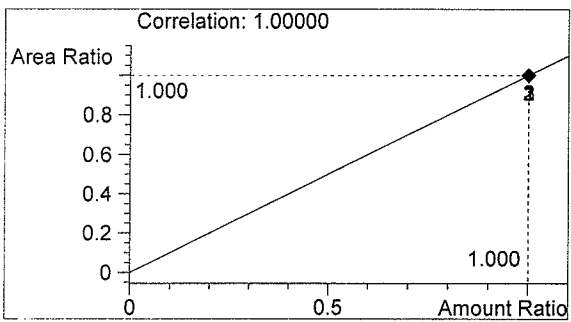


#	Compound	Area	RT
1	Ethanol	444	1.027
2	n-Propanol	1082	1.669

Totals:



Ethanol 0.096 g/100ml

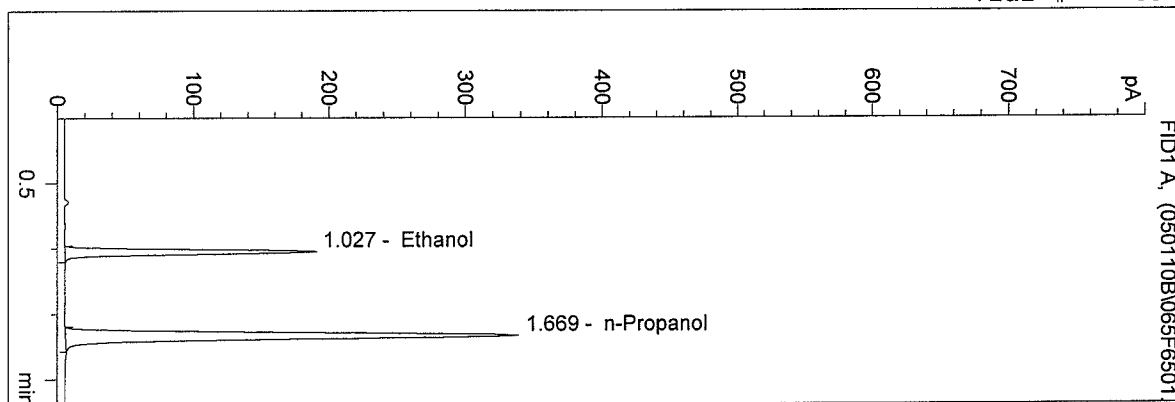


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2005 1:10:02 PM  
 Instrument 4  
 DB-ALC1

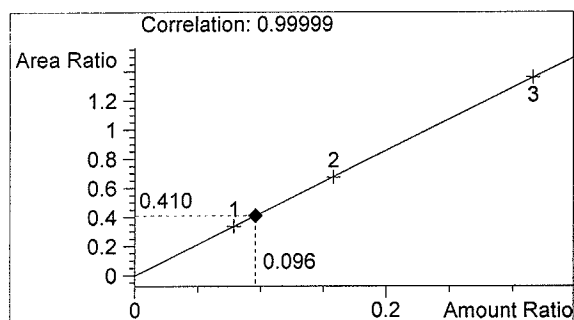
05003  
 bcapron

vial # 65

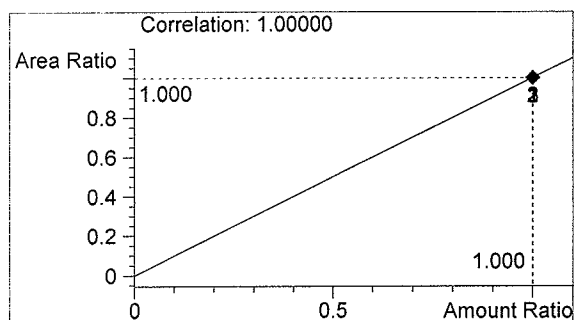


#	Compound	Area	RT
1	Ethanol	458	1.027
2	n-Propanol	1118	1.669

Totals:



Ethanol 0.096 g/100ml

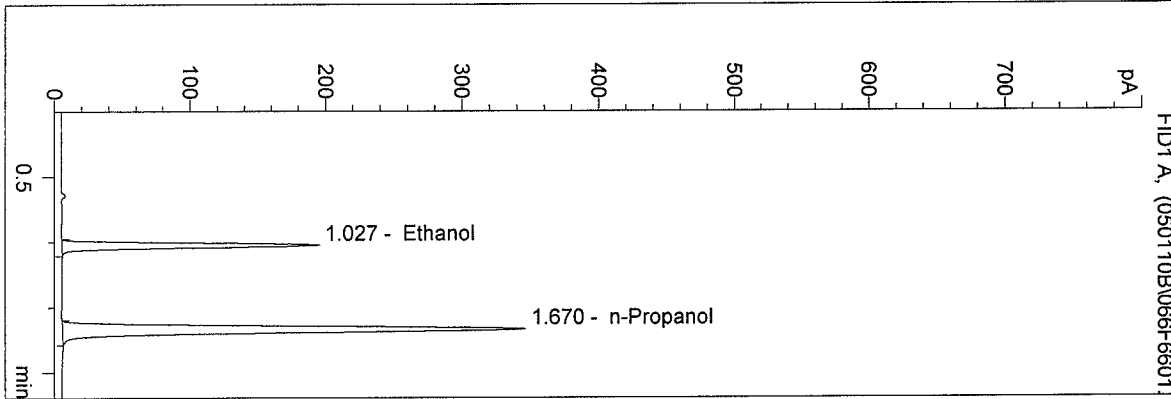


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2005 1:13:08 PM  
 Instrument 4  
 DB-ALC1

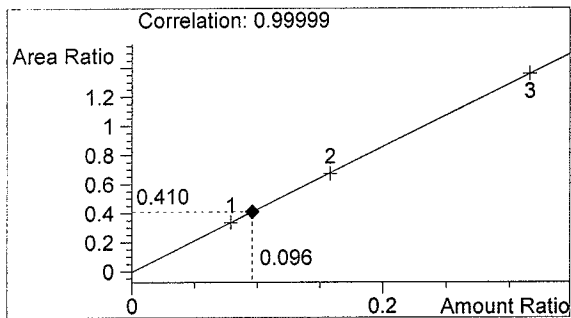
05003  
 bcapron

vial # 66

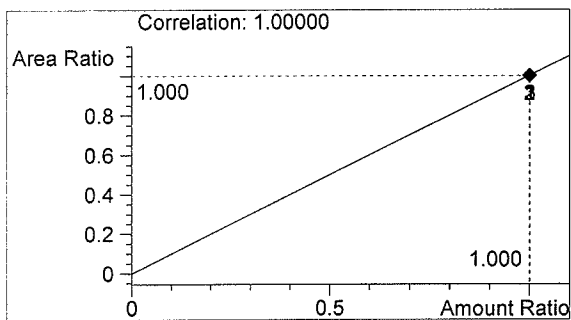


#	Compound	Area	RT
1	Ethanol	468	1.027
2	n-Propanol	1142	1.670

Totals:



Ethanol 0.096 g/100ml

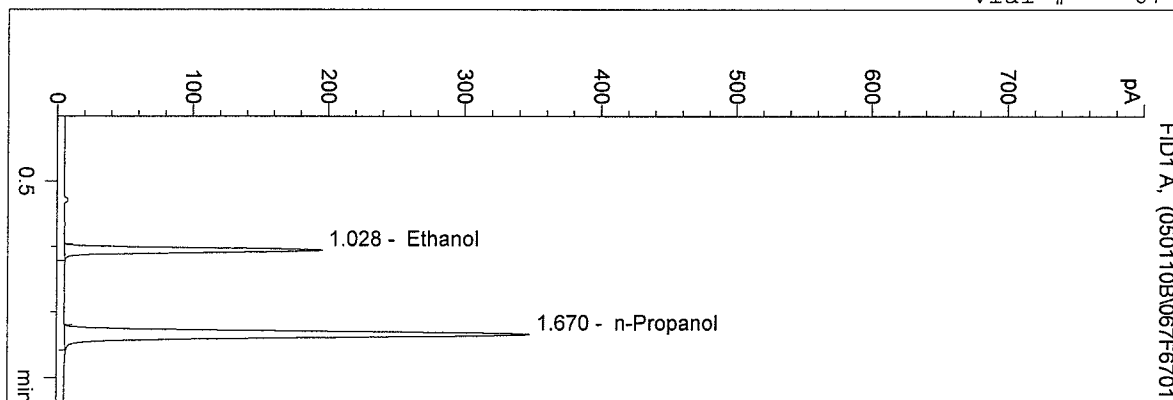


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2005 1:16:23 PM  
 Instrument 4  
 DB-ALC1

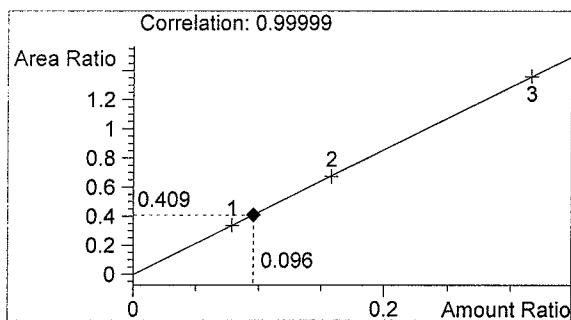
05003  
 bcapron

vial # 67

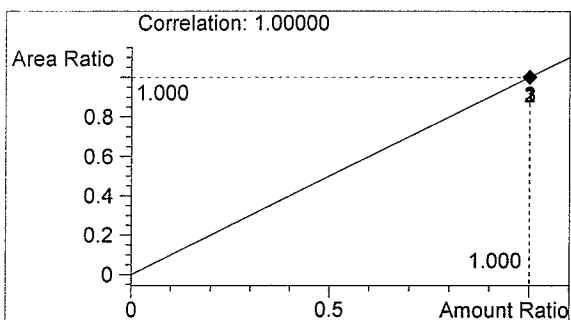


#	Compound	Area	RT
1	Ethanol	470	1.028
2	n-Propanol	1149	1.670

Totals:



Ethanol 0.096 g/100ml

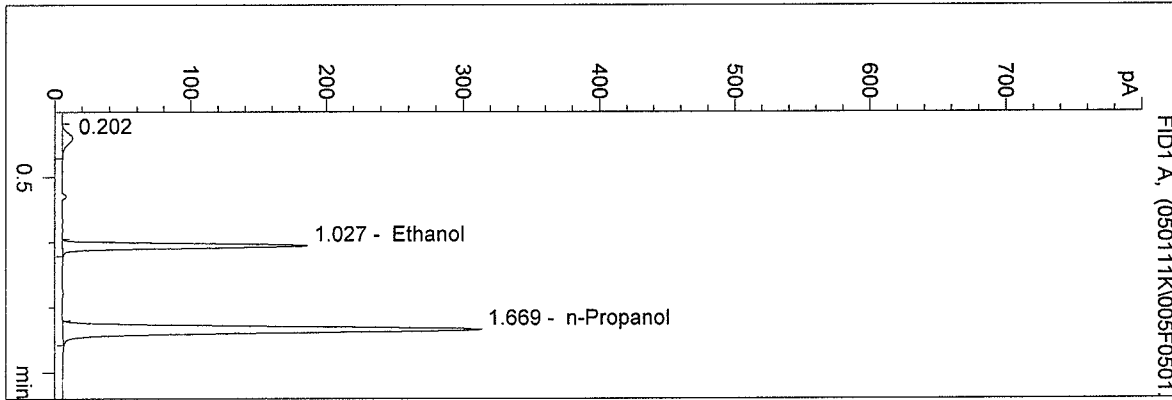


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/11/2005 3:45:10 PM  
 Instrument 4  
 DB-ALC1

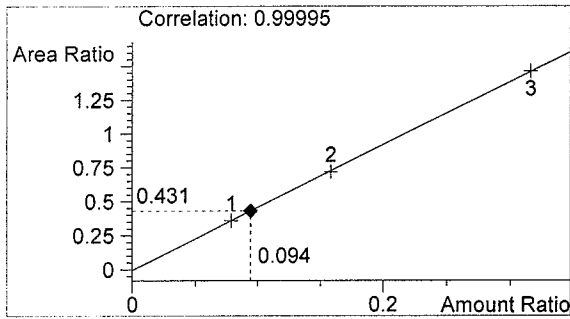
05003 QA #1  
 Kari Gruendell

vial # 5

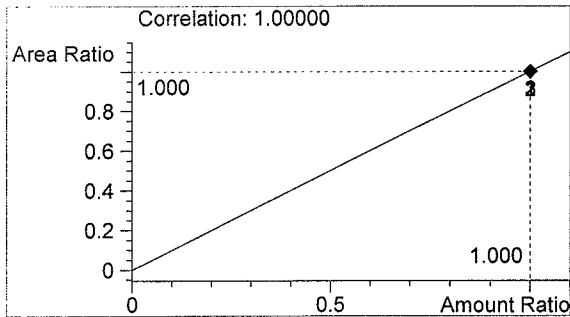


#	Compound	Area	RT
1		45	0.202
2	Ethanol	443	1.027
3	n-Propanol	1029	1.669

Totals:



Ethanol 0.094 g/100ml

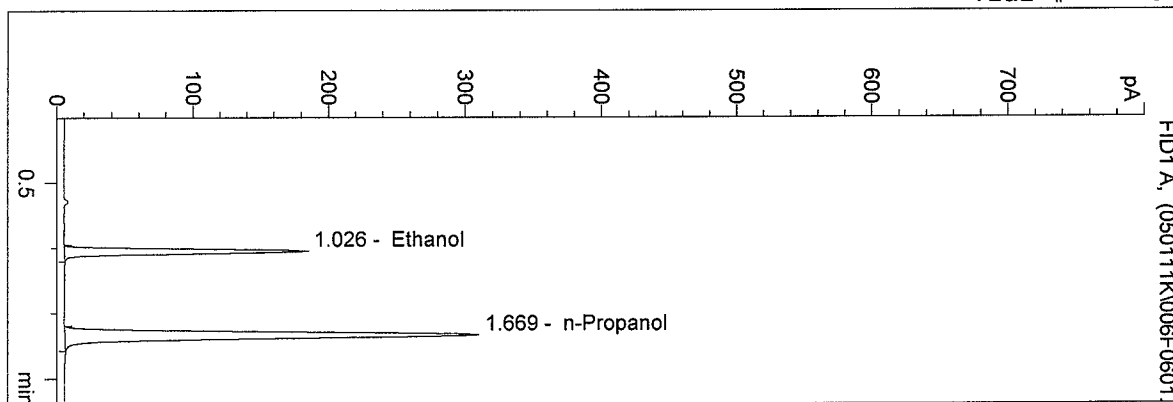


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/11/2005 3:48:19 PM  
 Instrument 4  
 DB-ALC1

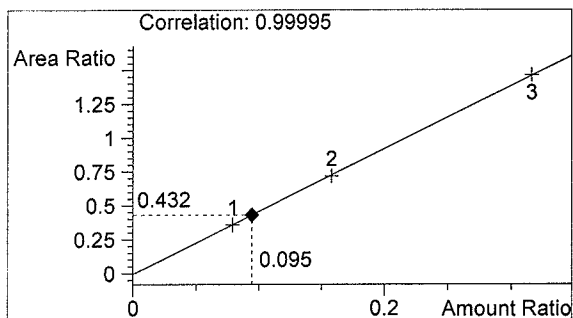
05003 QA #2  
 Kari Gruendell

vial # 6

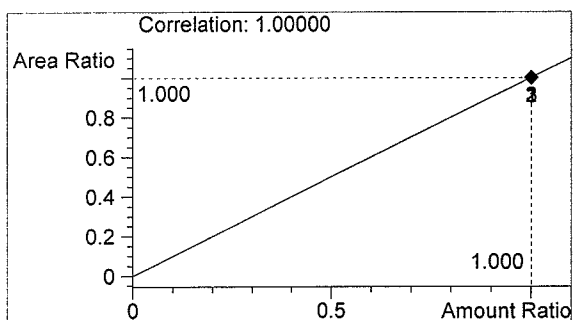


#	Compound	Area	RT
1	Ethanol	441	1.026
2	n-Propanol	1021	1.669

Totals:



Ethanol 0.095 g/100ml



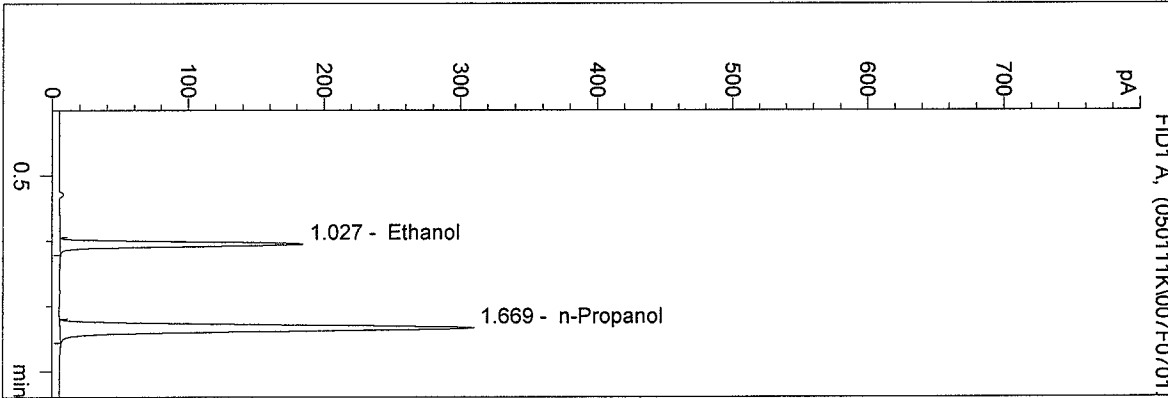
n-Propanol 1.000 g/100ml



D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/11/2005 3:53:55 PM  
 Instrument 4  
 DB-ALC1

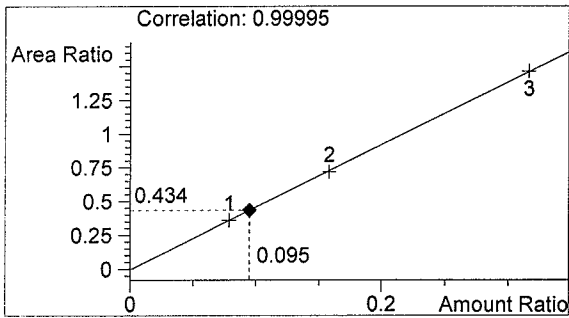
05003 QA #3  
 Kari Gruendell

vial # 7

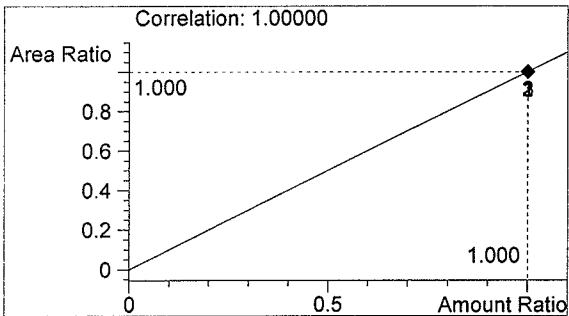


#	Compound	Area	RT
1	Ethanol	443	1.027
2	n-Propanol	1020	1.669

Totals:



Ethanol 0.095 g/100ml

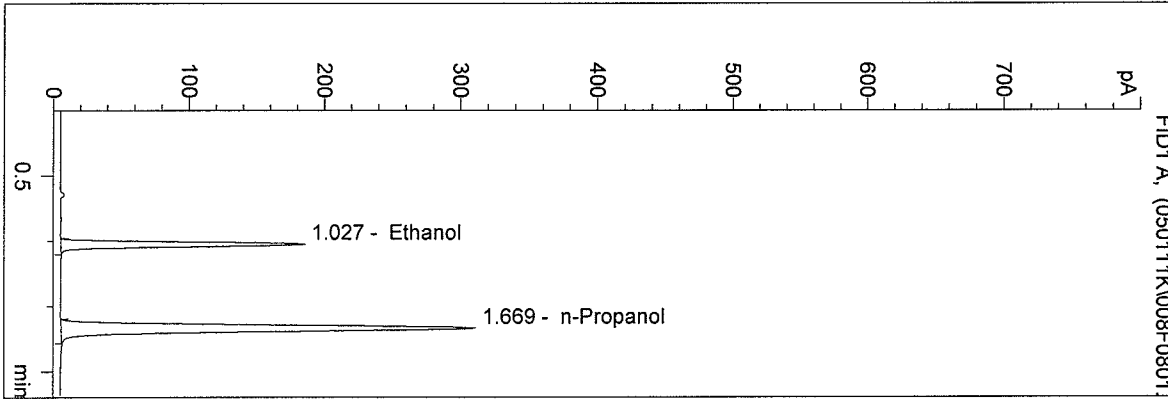


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/11/2005 3:57:06 PM  
 Instrument 4  
 DB-ALC1

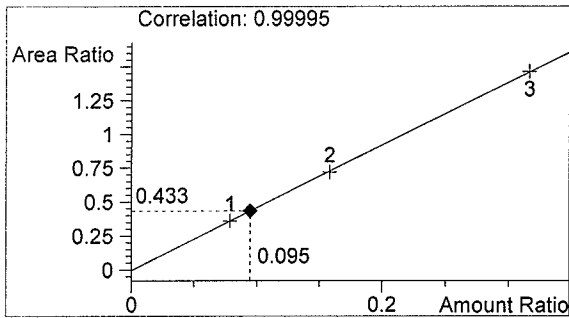
05003 QA #4  
 Kari Gruendell

vial # 8

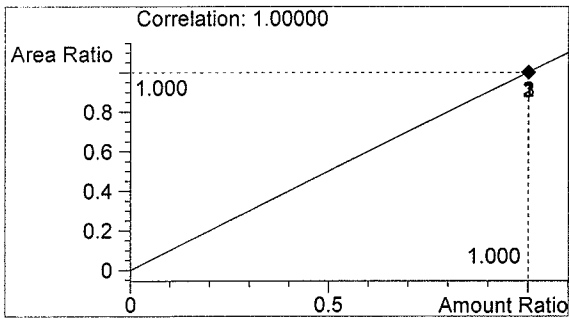


#	Compound	Area	RT
1	Ethanol	442	1.027
2	n-Propanol	1022	1.669

Totals:



Ethanol 0.095 g/100ml

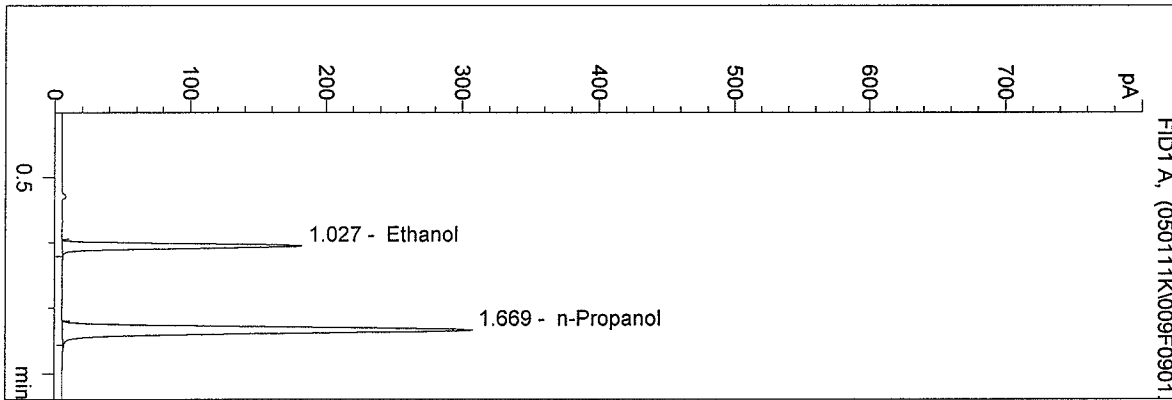


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/11/2005 4:00:20 PM  
 Instrument 4  
 DB-ALC1

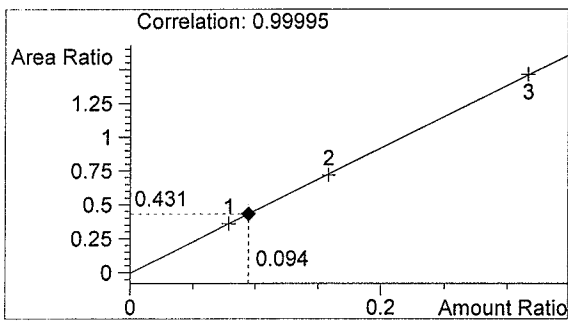
05003 QA #5  
 Kari Gruendell

vial # 9

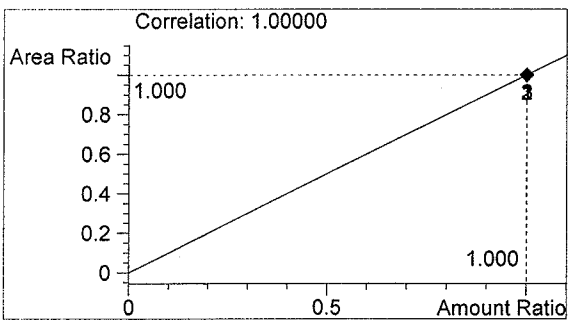


#	Compound	Area	RT
1	Ethanol	435	1.027
2	n-Propanol	1009	1.669

Totals:



Ethanol 0.094 g/100ml

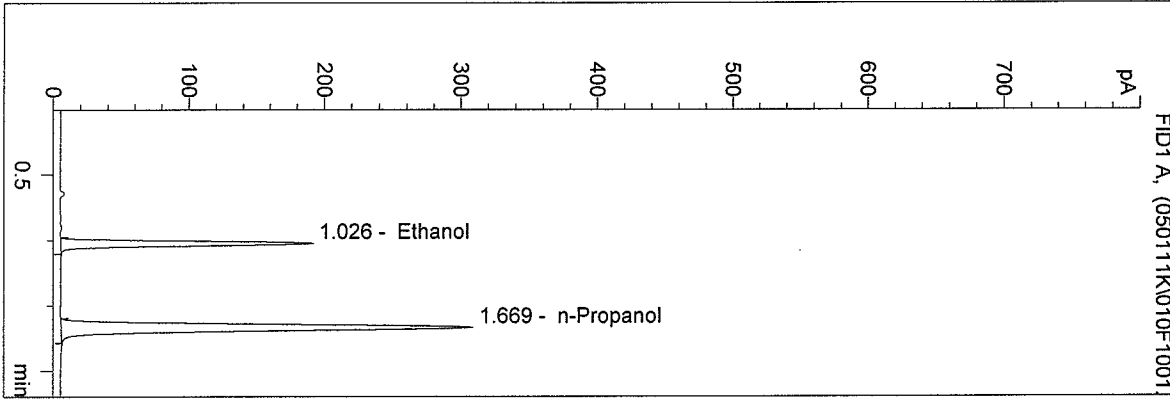


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/11/2005 4:03:35 PM  
 Instrument 4  
 DB-ALC1

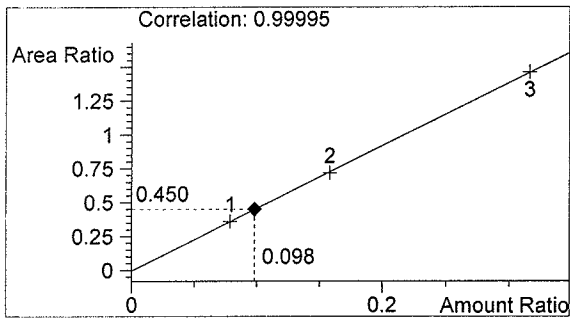
0.10 CONTROL  
 Kari Gruendell

vial # 10

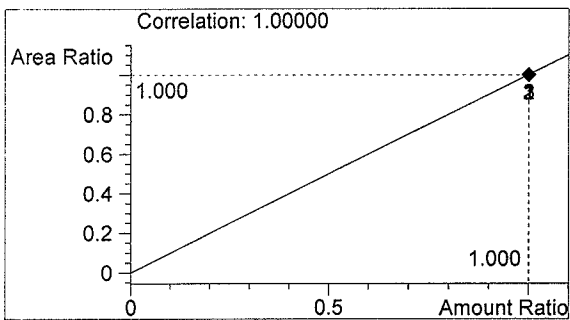


#	Compound	Area	RT
1	Ethanol	456	1.026
2	n-Propanol	1015	1.669

Totals:



Ethanol 0.098 g/100ml

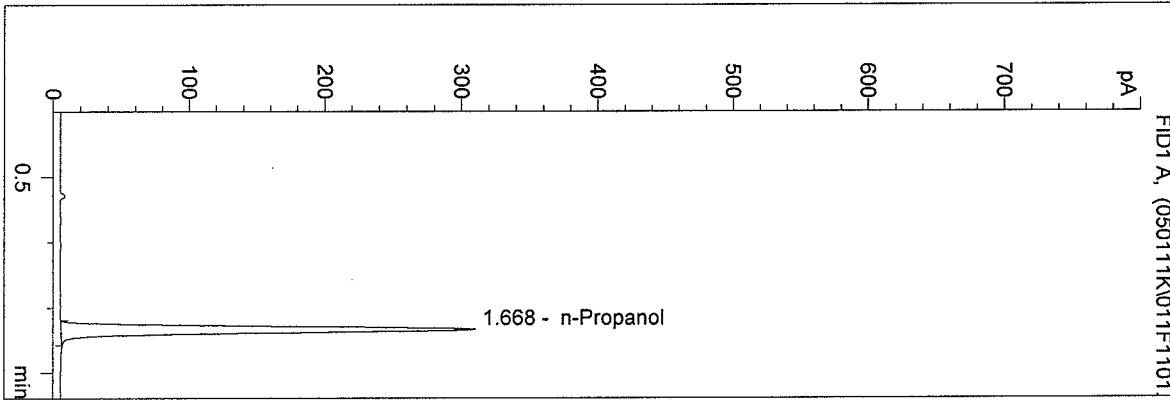


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/11/2005 4:06:42 PM  
 Instrument 4  
 DB-ALC1

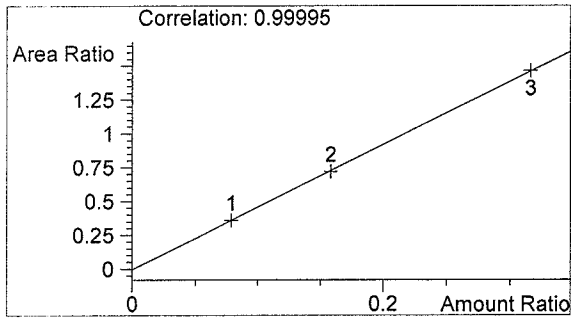
BLANK  
 Kari Gruendell

vial # 11

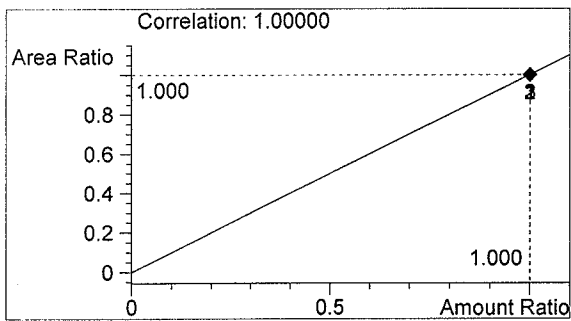


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1021	1.668

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml