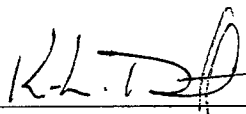


**Notice of Simulator Solution File Review**

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.

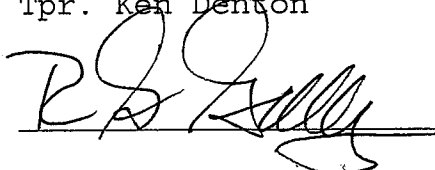
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.



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 NEWTON / ROS GULLBERG Date 10-8-07  
Location TOX LAB SEATTLE Batch Number 05038

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:

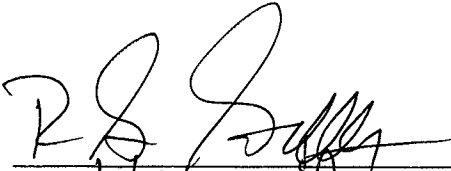
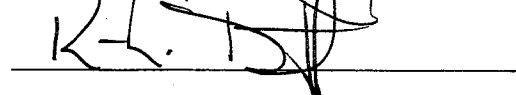
Avg. solution concentration: Correct X Not Correct \_\_\_  
Standard deviation: Correct X Not Correct \_\_\_  
Range: Correct X Not Correct \_\_\_  
Precision: Correct X Not Correct \_\_\_  
Equivalent vapor concent.: Correct X Not Correct \_\_\_  
External Control Information  
(lot # and future date):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

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

Corrections Necessary:

MISSING LOT # AND EXP. DATE FOR CONTROL  
DATE OF ANALYSIS INCORRECT FOR BDMAN C.

Comments:

Reviewer Signature:  Date: 10-8-07  
Reviewer Signature:  Date: 10/8/2007

**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

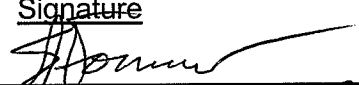
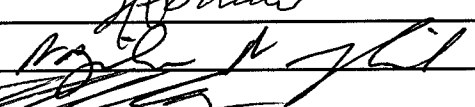

Preparation and certification of **0.08** g/210L Quality Assurance solution  
 Batch number **05038** Date: 10/19/2005  
 Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water  
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12	Anal 13	Anal 14	Anal 15	Anal 16
1	0.097	0.097	0.097													
2	0.096	0.097	0.096													
3	0.097	0.097	0.096													
4	0.097	0.097	0.096													
5	0.097	0.097	0.096													
Ctrl	0.100	0.100	0.099													

**External Control:**  
 Lot #: \_\_\_\_\_ Exp date: \_\_\_\_\_  
 Target concentration: 0.10 g/100mL

**Statistics:**  
 Avg. solution concent.: 0.0967 g/100 mL  
 SD: 0.00049  
 Range (3xSD): 0.0952 to 0.0982  
 Precision CV (%): 0.5046 %

**Equivalent vapor concent.:** 0.0786 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso		10/24/2005
2	Naziha Nuwayhid, PhD		10/21/2005
3	Brian Capron		10.25.2005 <del>10/26/2005</del> <sup>(BC)</sup> 10.11.07
4			
5			
6			
7			
8			
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11			
12			
13			
14			
15			
16			

Prepared by: Edward Formoso according to the approved protocol



STATE OF WASHINGTON  
WASHINGTON STATE PATROL

WASHINGTON STATE TOXICOLOGY LABORATORY

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

DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION

I, Edward J. Formoso, 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: B.S. degree in Chemistry and twenty-eight years experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 05038, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0967 grams per 100ml.

Dated: 10/26/05  
Seattle, WA

Edward J. Formoso  
Forensic Toxicologist

EJF/la  
EFQA



STATE OF WASHINGTON  
WASHINGTON STATE PATROL

WASHINGTON STATE TOXICOLOGY LABORATORY

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

DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION

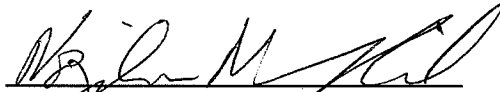
I, Naziha Nuwayhid, do certify under penalty of perjury as follows:

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

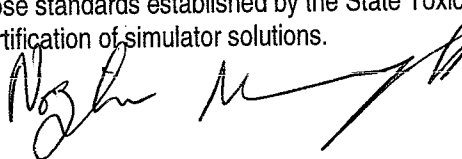
The quality assurance solution, Lot Number 05038, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0967 grams per 100ml.

Dated: 10/26/05  
Seattle, WA

  
Naziha Nuwayhid, Ph.D.  
Forensic Toxicologist

NN/la  
NNQA

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.

 10/12/07





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

DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION

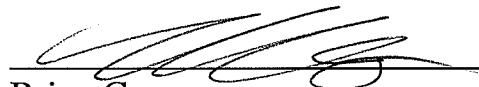
I, Brian Capron, do certify under penalty of perjury as follows:

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 nine years of experience in forensic toxicology.

The quality assurance solution, Lot Number 05038, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0967 grams per 100ml.

Dated: 10/26/05  
Seattle, WA

  
Brian Capron  
Forensic Toxicologist

BC/la  
BCQA

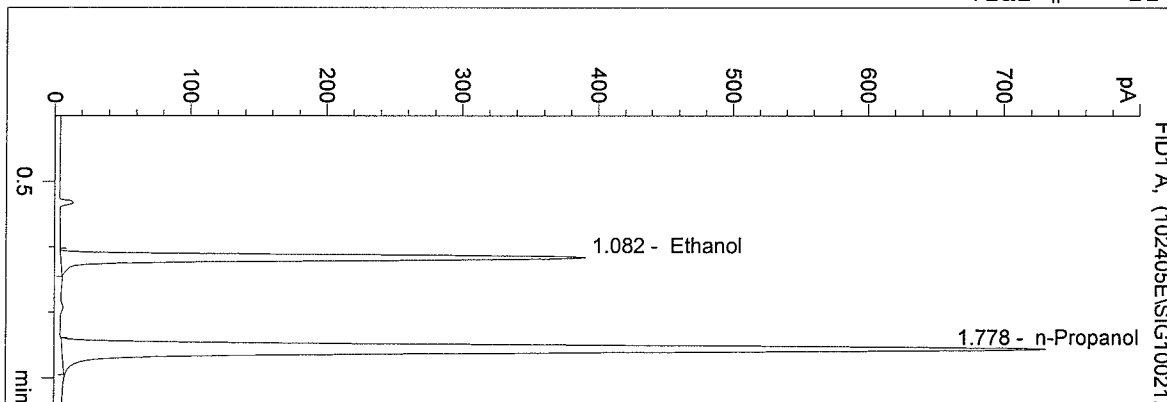
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

 10-11-07

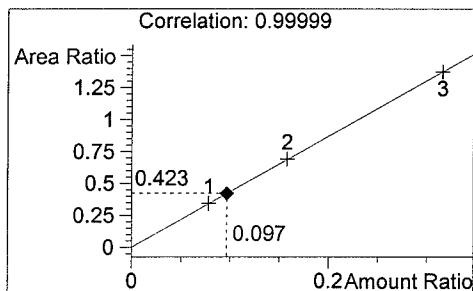
C:\HPCHEM\1\METHODS\BLDALCO.M  
 10/24/2005 12:21:49 PM  
 Instrument 1  
 DB BAC 1

05038  
 ED FORMOSO

vial # 21

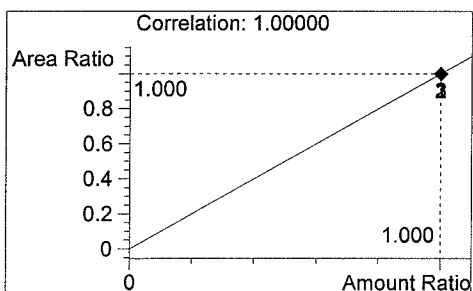


#	Compound	Area	RT
1	Ethanol	1232	1.082
2	n-Propanol	2915	1.778
-----			
Tot			



Ethanol

0.097 g/100ml



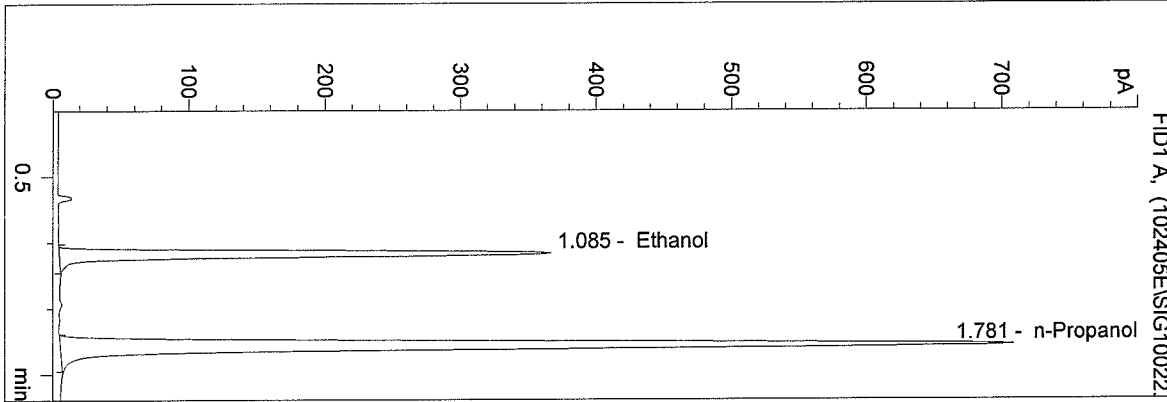
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 1  
 DB BAC 1

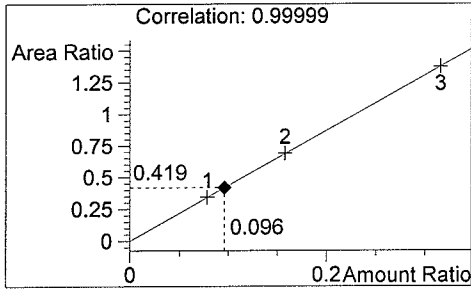
05038  
 ED FORMOSO

vial # 22



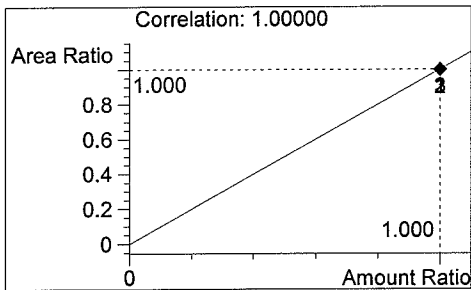
#	Compound	Area	RT
1	Ethanol	1197	1.085
2	n-Propanol	2856	1.781

Tot



Ethanol

0.096 g/100ml



n-Propanol

1.000 g/100ml

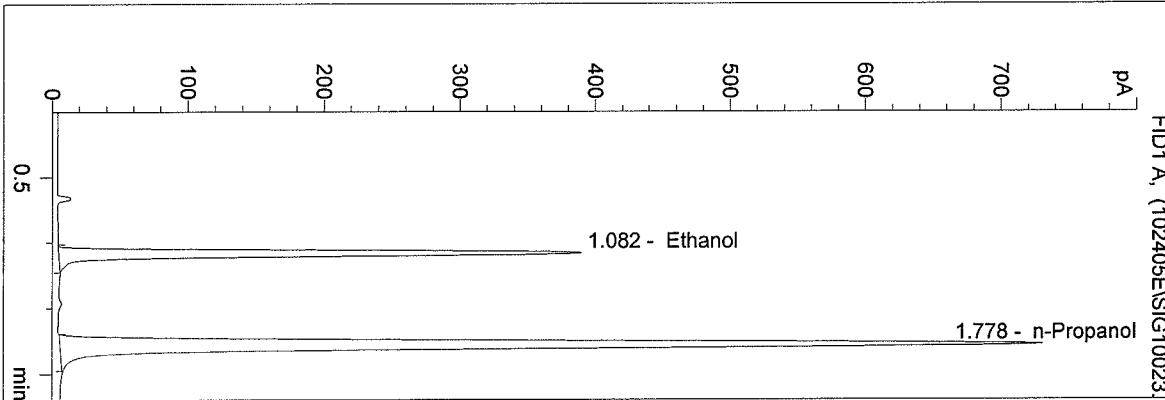


WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M  
 10/24/2005 12:27:59 PM  
 Instrument 1  
 DB BAC 1

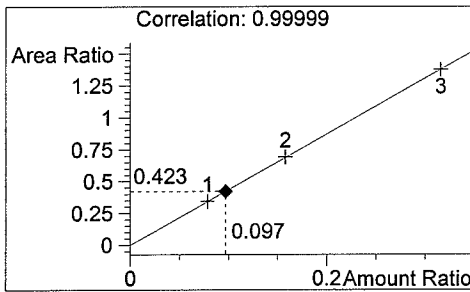
05038  
 ED FORMOSO

vial # 23



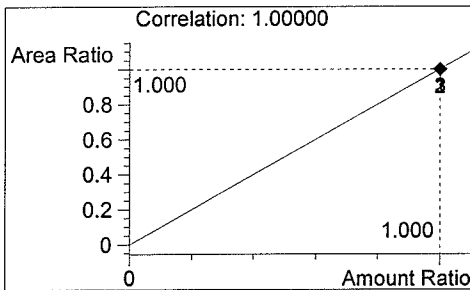
#	Compound	Area	RT
1	Ethanol	1236	1.082
2	n-Propanol	2919	1.778

Tot



Ethanol

0.097 g/100ml



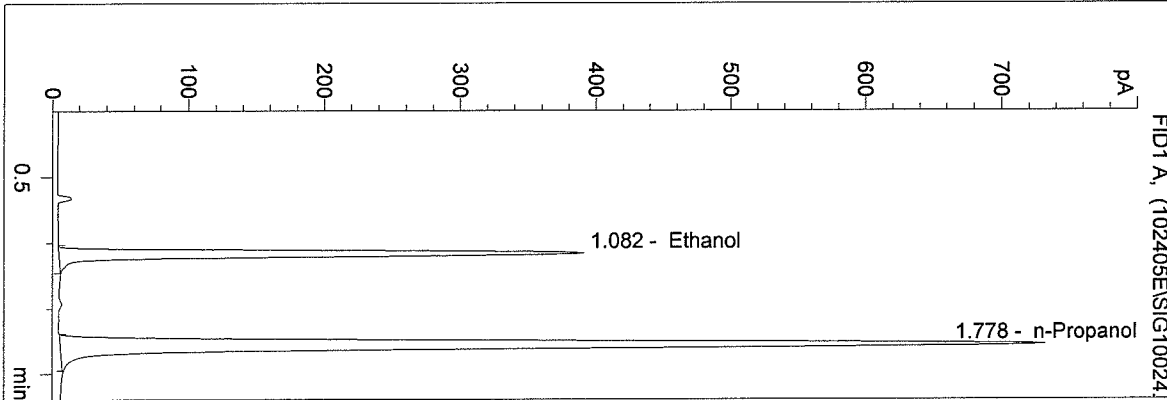
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
 10/24/2005 12:31:04 PM  
 Instrument 1  
 DB BAC 1

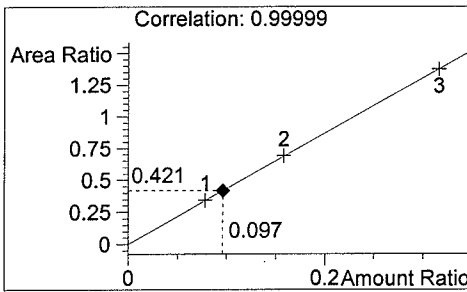
05038  
 ED FORMOSO

vial # 24



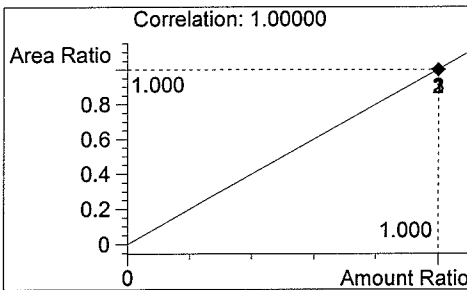
#	Compound	Area	RT
1	Ethanol	1230	1.082
2	n-Propanol	2921	1.778

Tot



Ethanol

0.097 g/100ml



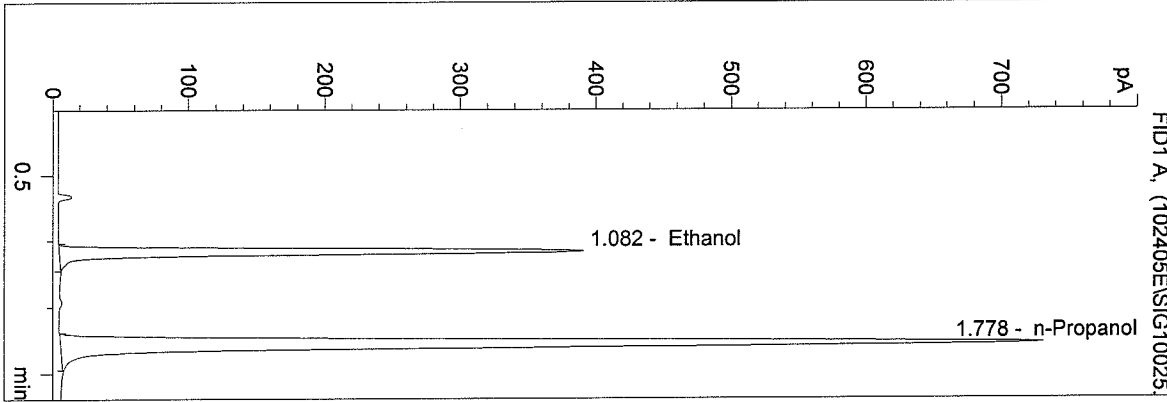
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
 10/24/2005 12:34:09 PM  
 Instrument 1  
 DB BAC 1

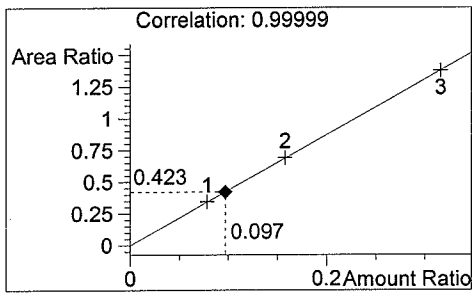
05038  
 ED FORMOSO

vial # 25



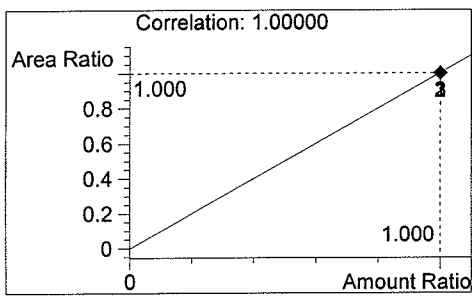
#	Compound	Area	RT
1	Ethanol	1231	1.082
2	n-Propanol	2910	1.778

Tot



Ethanol

0.097 g/100ml



n-Propanol

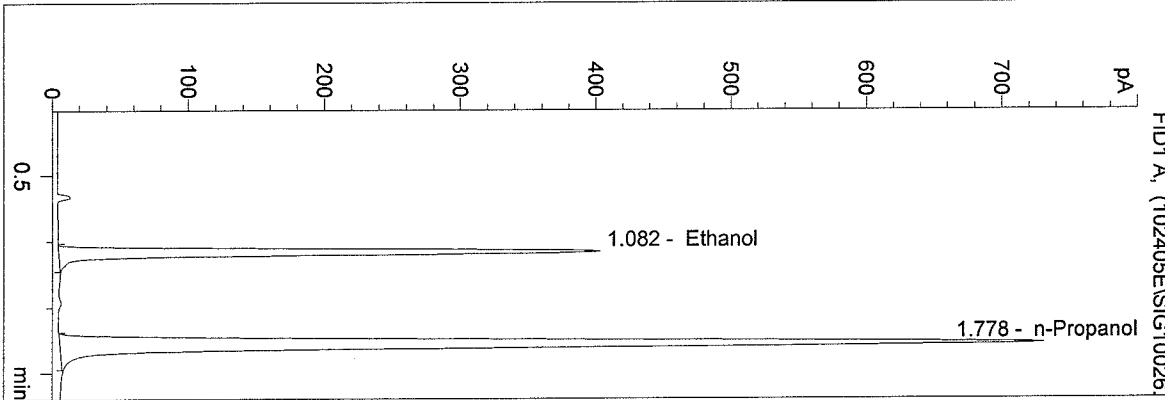
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M  
 10/24/2005 12:37:13 PM  
 Instrument 1  
 DB BAC 1

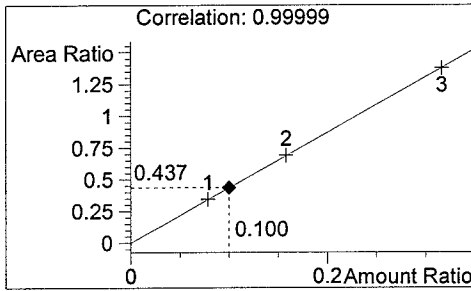
0.10 CONTROL  
 ED FORMOSO

vial # 26



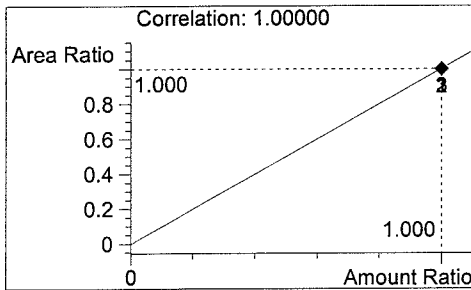
#	Compound	Area	RT
1	Ethanol	1273	1.082
2	n-Propanol	2913	1.778

Tot



Ethanol

0.100 g/100ml



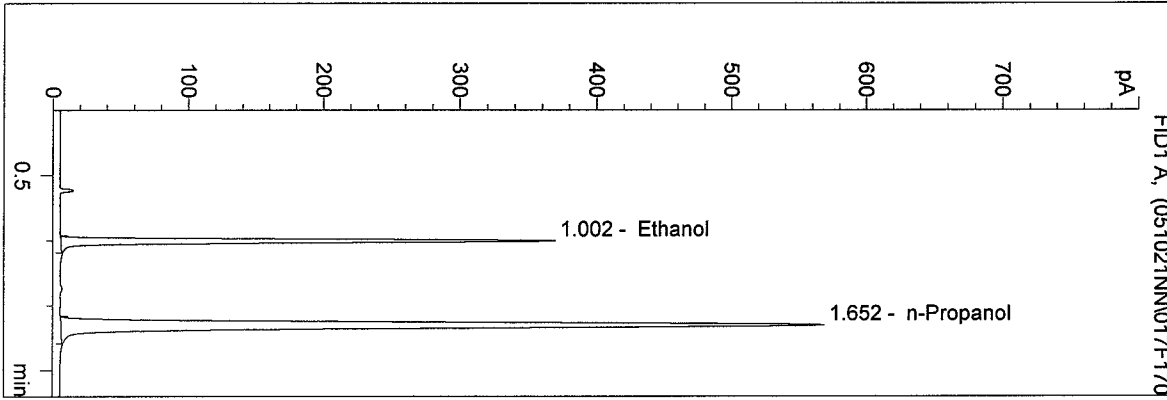
n-Propanol

1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/21/2005 10:50:02 AM  
 Instrument 4  
 DB-ALC1

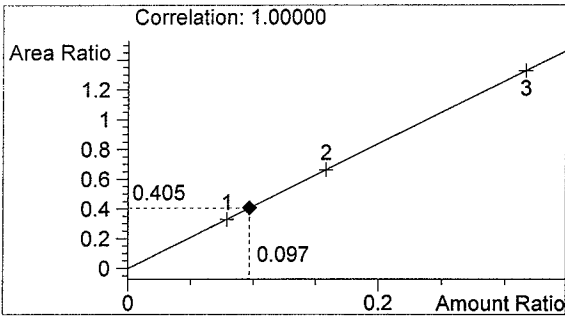
05038 QA-1  
 N Nuwayhid, PhD

vial # 17

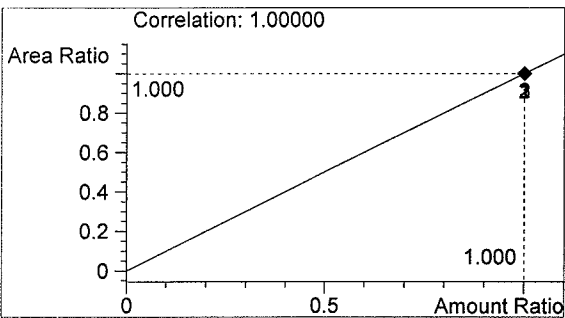


#	Compound	Area	RT
1	Ethanol	711	1.002
2	n-Propanol	1756	1.652

Totals:



Ethanol 0.097 g/100ml

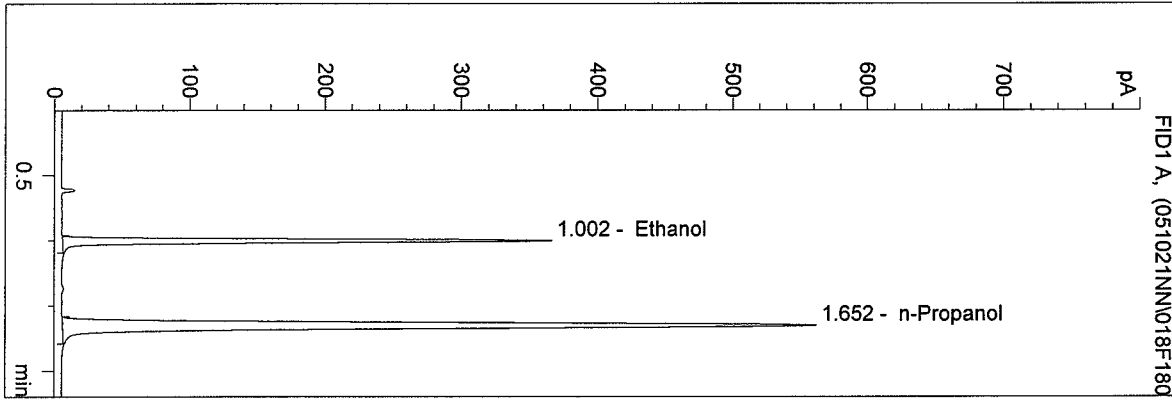


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/21/2005 10:53:15 AM  
 Instrument 4  
 DB-ALC1

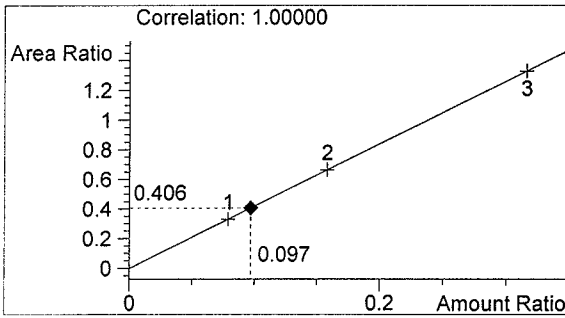
05038 QA-2  
 N Nuwayhid, PhD

vial # 18

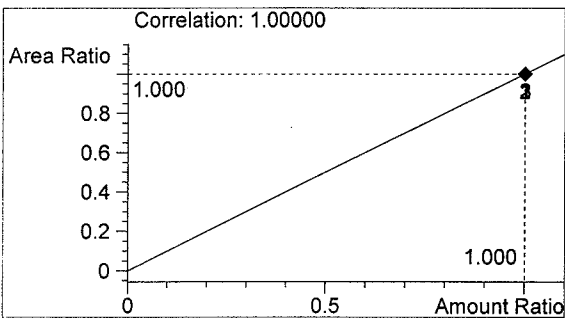


#	Compound	Area	RT
1	Ethanol	704	1.002
2	n-Propanol	1734	1.652

Totals:



Ethanol 0.097 g/100ml

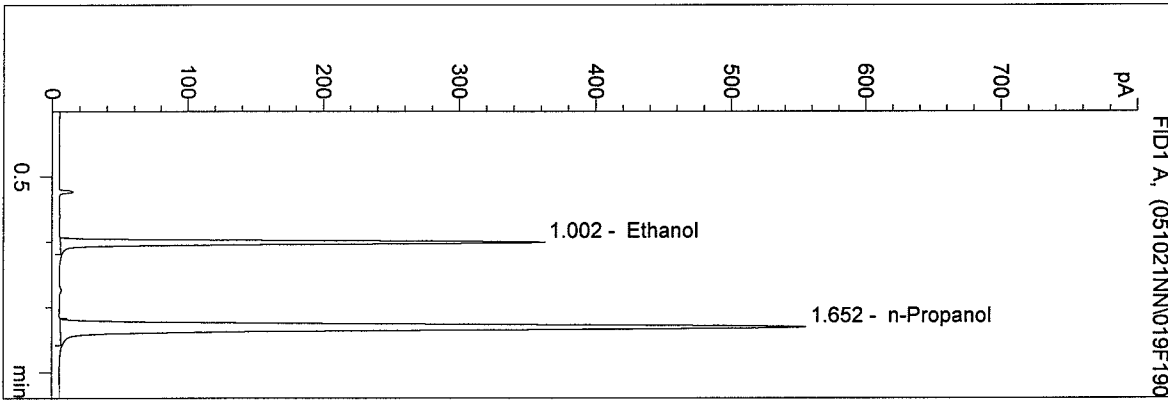


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/21/2005 10:56:25 AM  
 Instrument 4  
 DB-ALC1

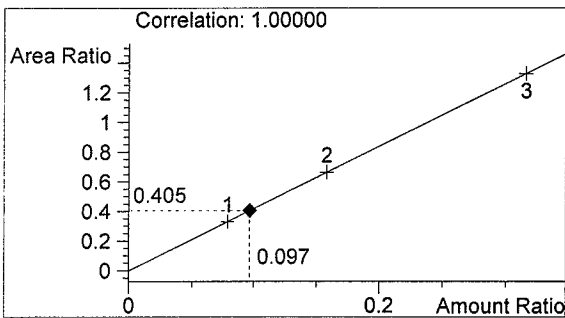
05038 QA-3  
 N Nuwayhid, PhD

vial # 19

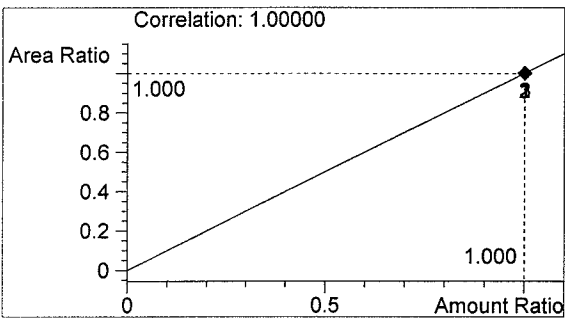


#	Compound	Area	RT
1	Ethanol	695	1.002
2	n-Propanol	1713	1.652

Totals:



Ethanol 0.097 g/100ml

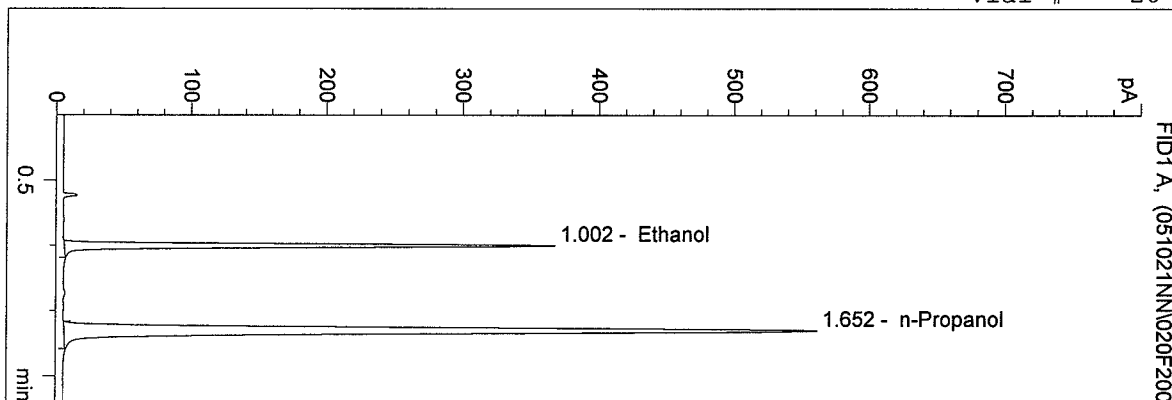


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/21/2005 10:59:45 AM  
 Instrument 4  
 DB-ALC1

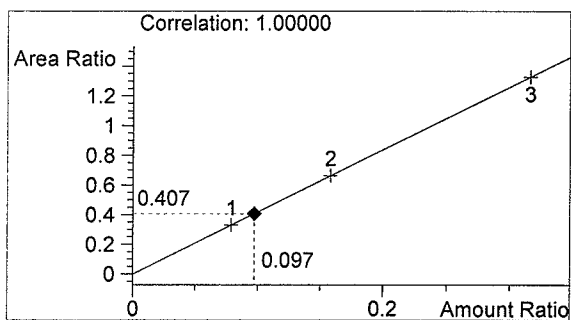
05038 QA-4  
 N Nuwayhid, PhD

vial # 20

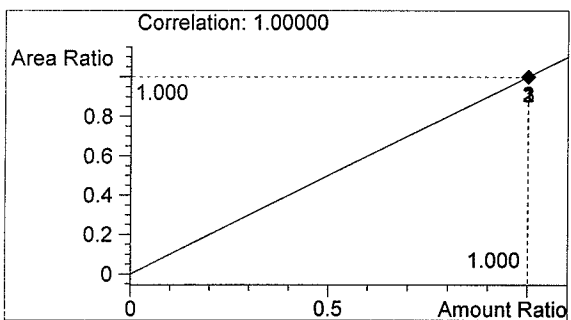


#	Compound	Area	RT
1	Ethanol	704	1.002
2	n-Propanol	1731	1.652

Totals:



Ethanol 0.097 g/100ml



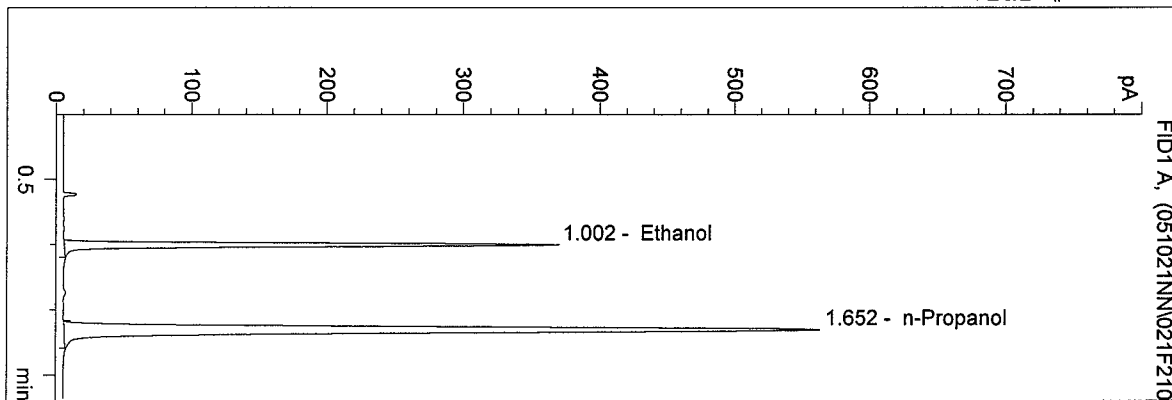
n-Propanol 1.000 g/100ml



D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/21/2005 11:03:03 AM  
 Instrument 4  
 DB-ALC1

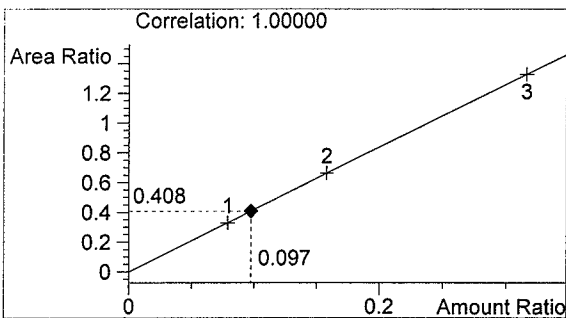
05038 QA-5  
 N Nuwayhid, PhD

vial # 21

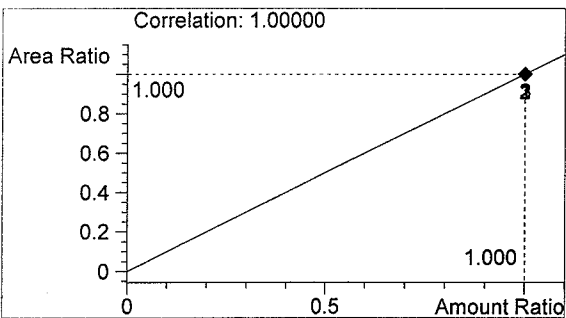


#	Compound	Area	RT
1	Ethanol	710	1.002
2	n-Propanol	1741	1.652

Totals:



Ethanol 0.097 g/100ml

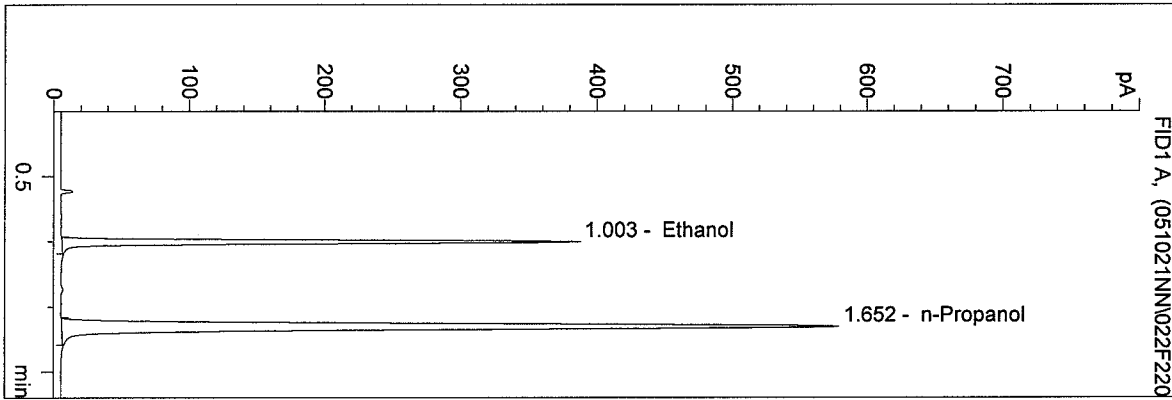


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/21/2005 11:06:20 AM  
 Instrument 4  
 DB-ALC1

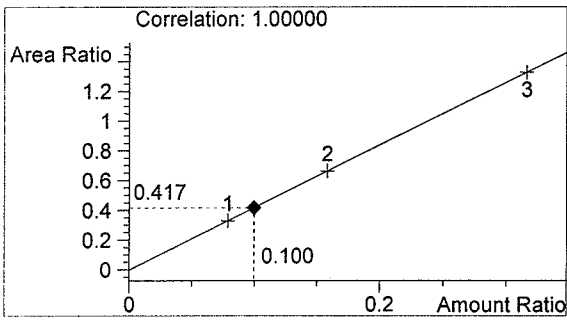
0.100 CTL-NN  
 N Nuwayhid, PhD

vial # 22

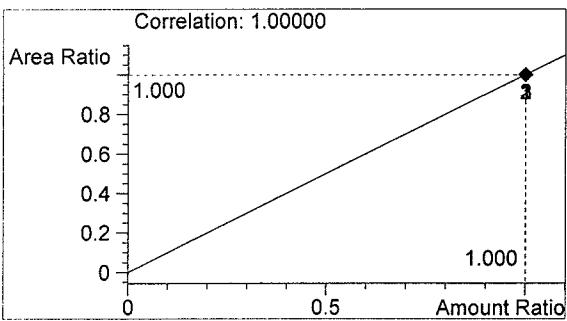


#	Compound	Area	RT
1	Ethanol	746	1.003
2	n-Propanol	1789	1.652

Totals:



Ethanol 0.100 g/100ml

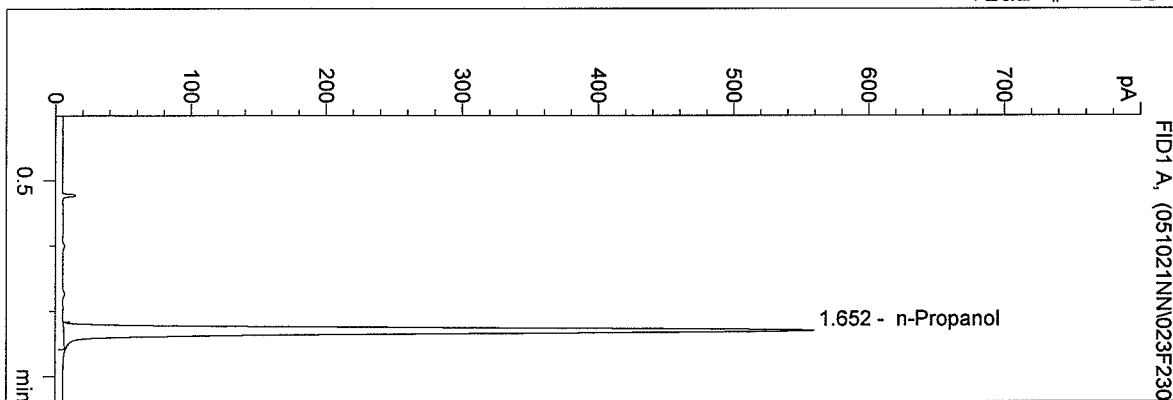


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/21/2005 11:09:31 AM  
 Instrument 4  
 DB-ALC1

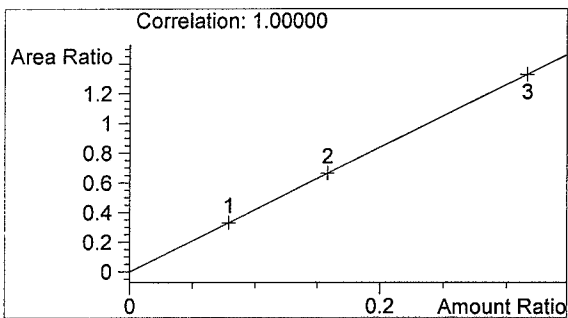
Blank  
 N Nuwayhid, PhD

vial # 23

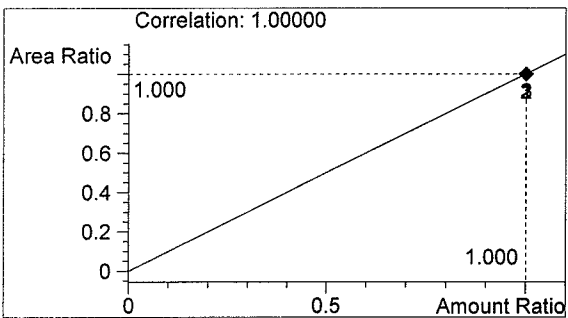


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1727	1.652

Totals:



Ethanol 0.000 g/100ml

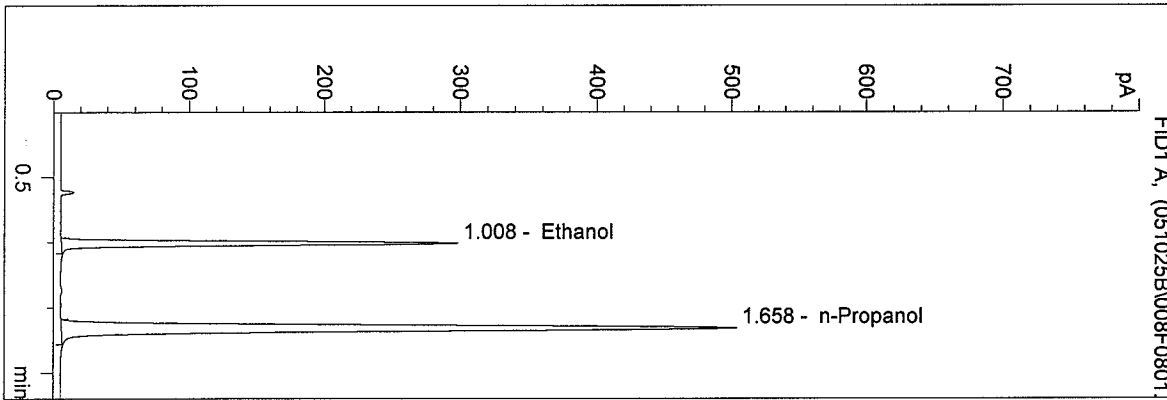


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/25/2005 6:01:20 PM  
 Instrument 4  
 DB-ALC1

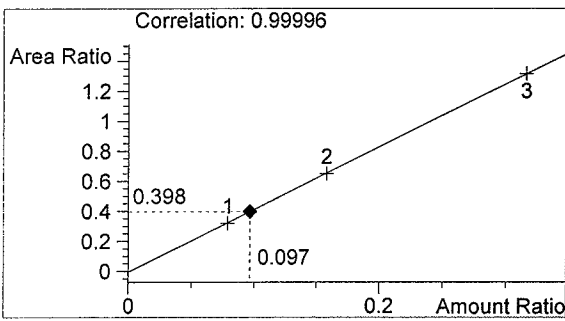
05038  
 bcapron

vial # 8

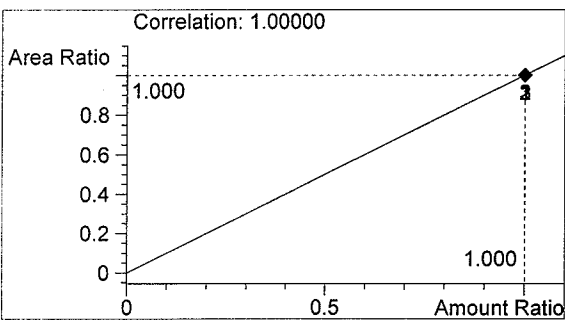


#	Compound	Area	RT
1	Ethanol	634	1.008
2	n-Propanol	1596	1.658

Totals:



Ethanol 0.097 g/100ml

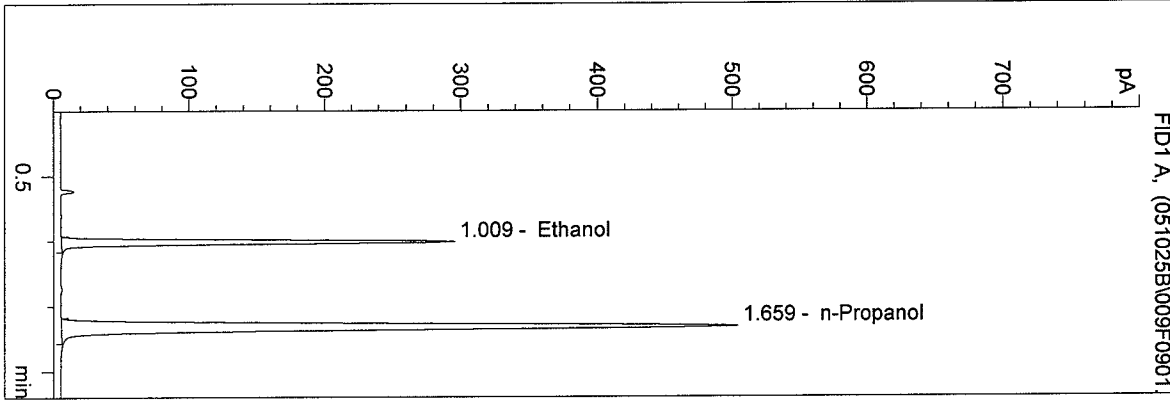


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/25/2005 6:04:36 PM  
 Instrument 4  
 DB-ALC1

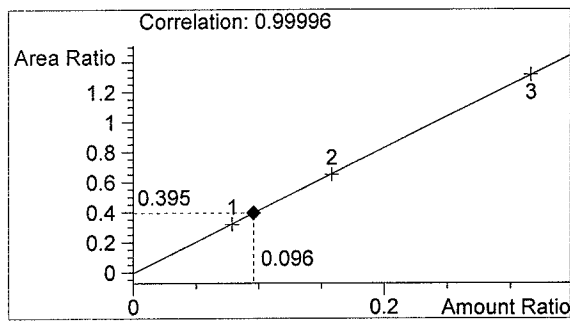
05038  
 bcapron

vial # 9

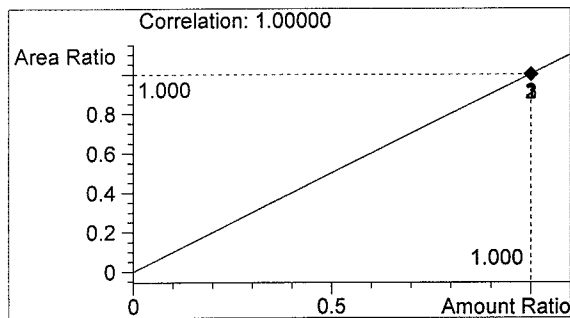


#	Compound	Area	RT
1	Ethanol	631	1.009
2	n-Propanol	1598	1.659

Totals:



Ethanol 0.096 g/100ml

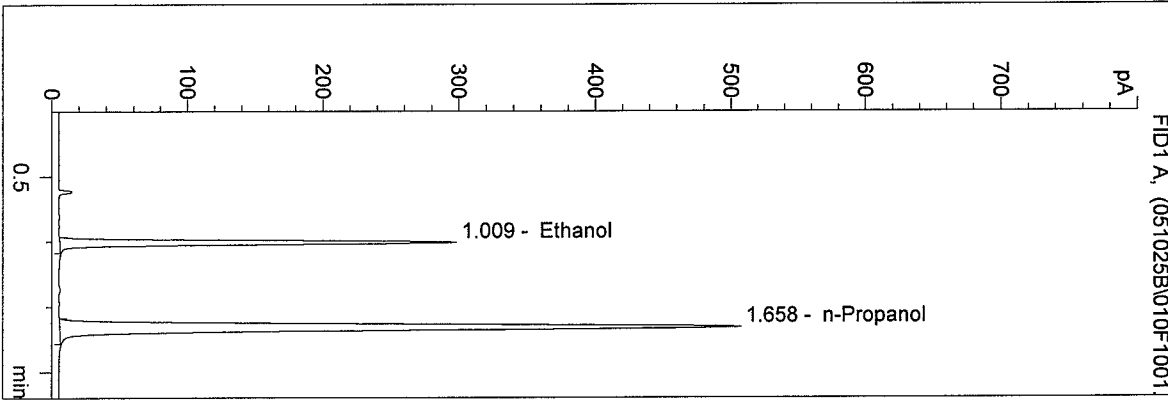


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 10/25/2005 6:07:52 PM  
 Instrument 4  
 DB-ALC1

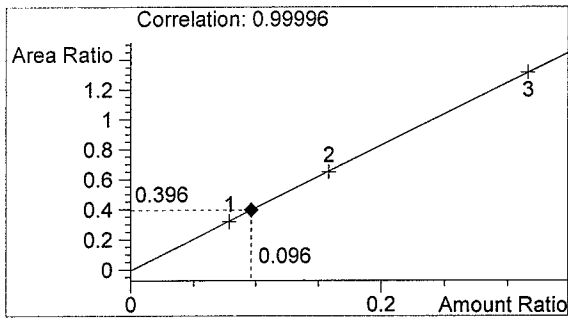
05038  
 bcapron

vial # 10

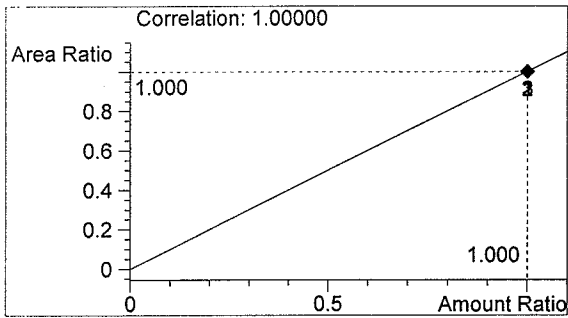


#	Compound	Area	RT
1	Ethanol	636	1.009
2	n-Propanol	1606	1.658

Totals:



Ethanol 0.096 g/100ml

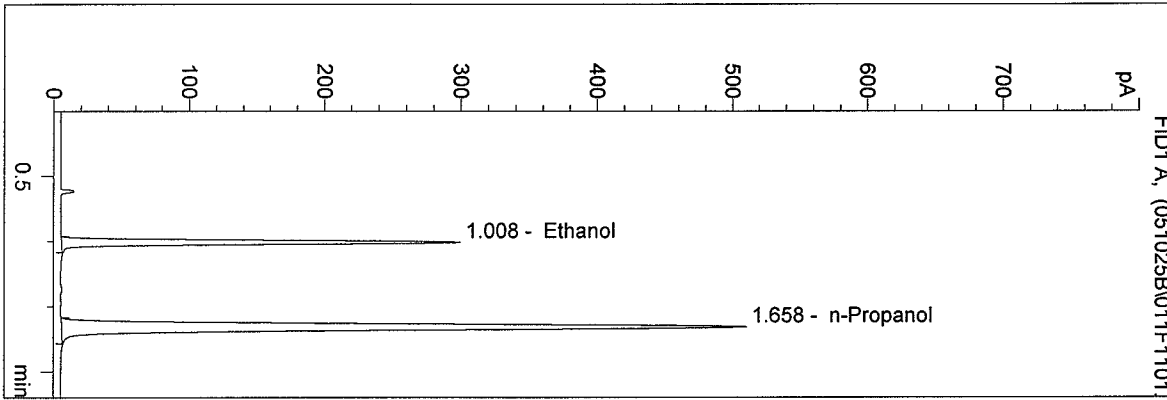


n-Propanol 1.000 g/100ml

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 10/25/2005 6:11:13 PM  
 Instrument 4  
 DB-ALC1

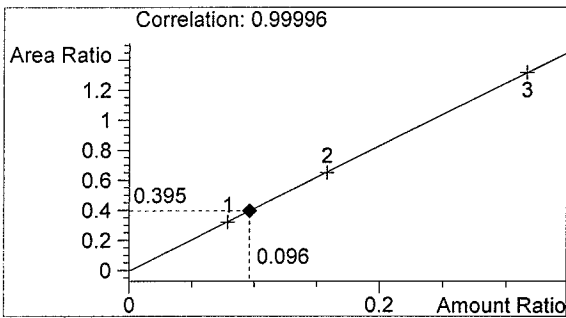
05038  
 bcapron

vial # 11

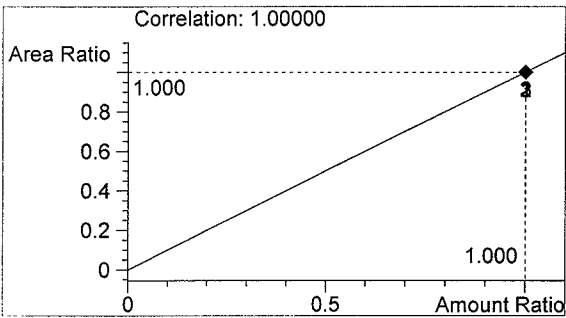


#	Compound	Area	RT
1	Ethanol	641	1.008
2	n-Propanol	1621	1.658

Totals:



Ethanol 0.096 g/100ml

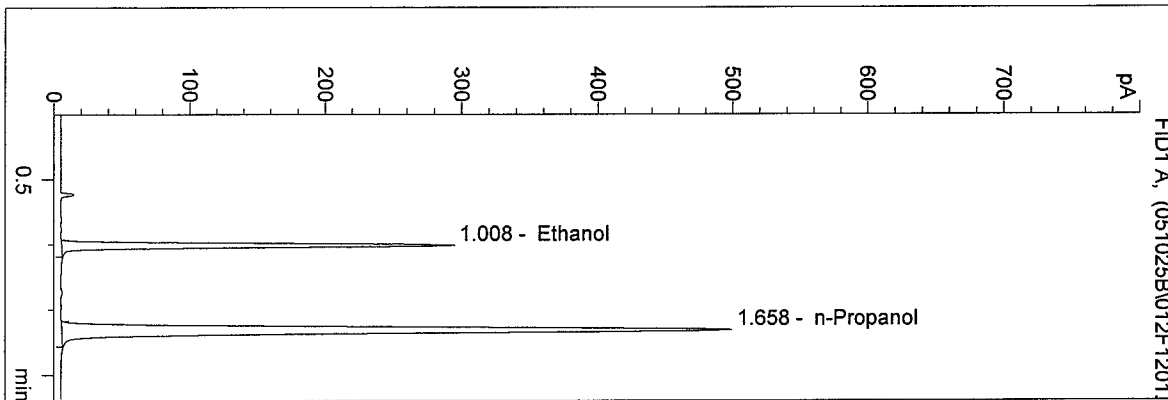


n-Propanol 1.000 g/100ml

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 Instrument 4  
 DB-ALC1

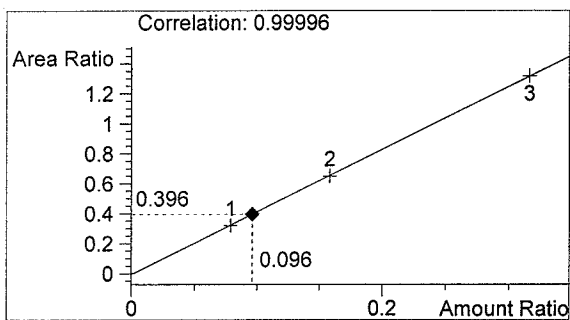
05038  
 bcapron

vial # 12

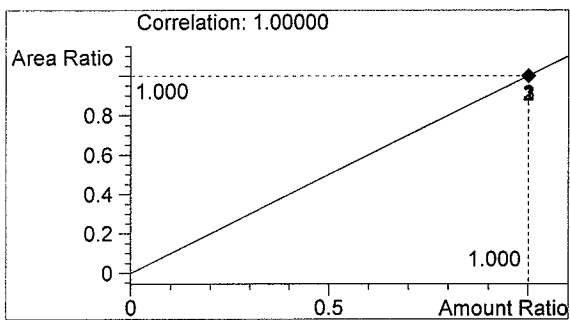


#	Compound	Area	RT
1	Ethanol	626	1.008
2	n-Propanol	1581	1.658

Totals:



Ethanol 0.096 g/100ml



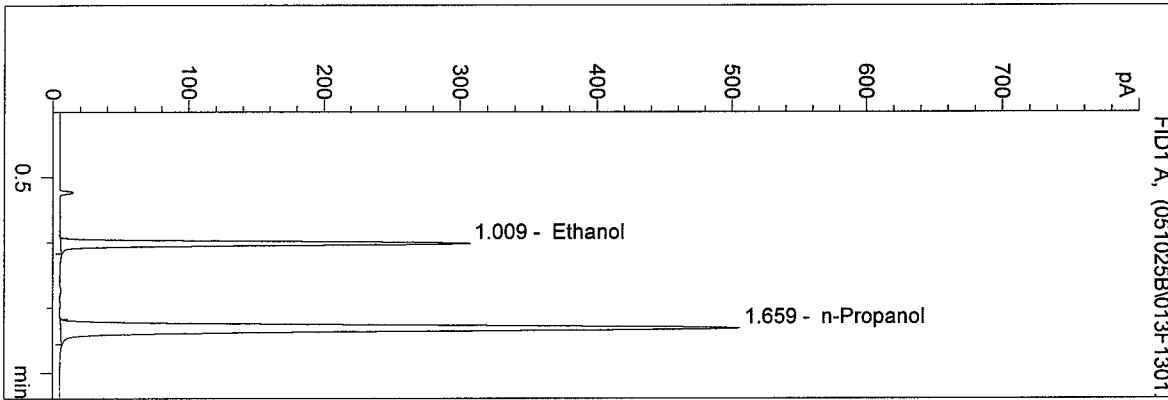
n-Propanol 1.000 g/100ml



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

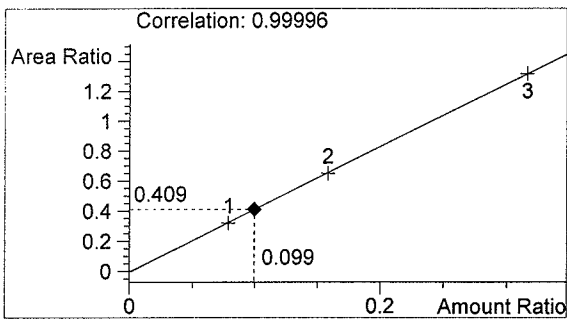
0.10 control bc  
 bcapron

vial # 13

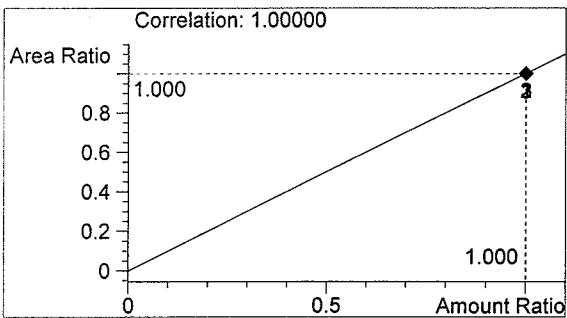


#	Compound	Area	RT
1	Ethanol	657	1.009
2	n-Propanol	1605	1.659

Totals:



Ethanol 0.099 g/100ml

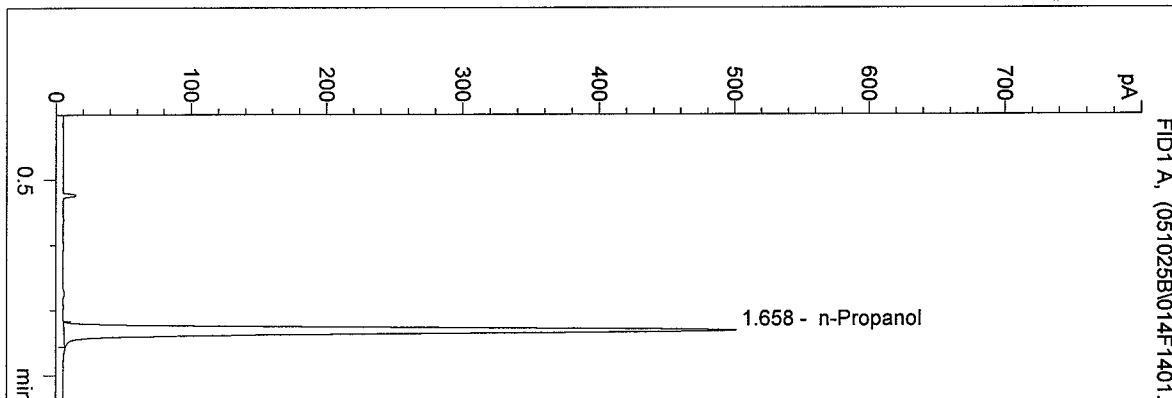


n-Propanol 1.000 g/100ml

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 Instrument 4  
 DB-ALC1

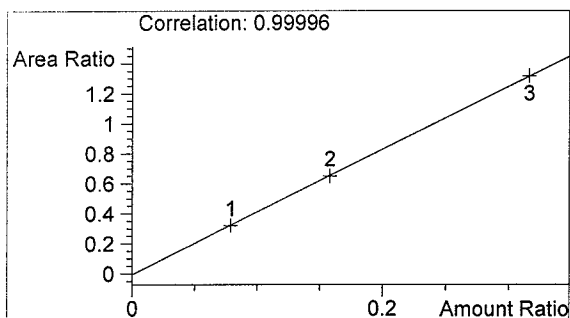
blank  
 bcapron

vial # 14

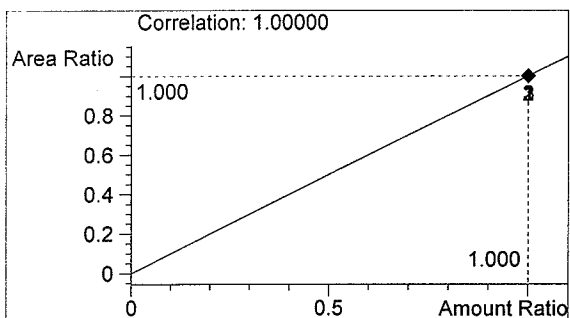


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1590	1.658

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml