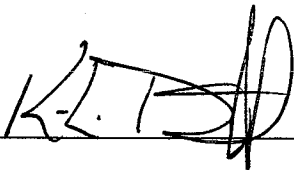


Notice of Simulator Solution File Review

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.

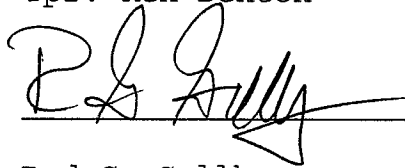
Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear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

 _____ 10/8/2007

Tpr. Ken Denton

Date

 _____ 10-8-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROD GULBERG Date 10-1-07
Location TOX LAB SEATTLE Batch Number 06037

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: 10-1-07
Reviewer Signature:  Date: 10/1/2007

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 **0.04** g/210L Quality Assurance solution
 Batch number **06037** Date: 10/4/2006
 Preparation: 11.1 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	0.048	0.049	0.048													
2	0.049	0.049	0.048													
3	0.049	0.049	0.049													
4	0.049	0.049	0.048													
5	0.048	0.049	0.048													
Ctrl	0.099	0.100	0.098													

External Control:

Lot #: A041837 Exp date: 04/2010

Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.0395 ~~0.0400~~ g/210L

Statistics:

Avg. solution concent.: 0.0486 g/100 mL

SD: 0.00051

Range (3xSD): 0.0471 to 0.0501

Precision CV (%): 1.0434 %

Analyst	Name	Signature	Date
1	Brianne Akins	<i>Brianne E. Akins</i>	10/09/2006
2	Christopher S Johnston	<i>Christopher S Johnston</i>	10/04/2006
3	Sarah M. Swenson	<i>Sarah M. Swenson</i>	10/05/2006
4			
5			
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9			
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11			
12			
13			
14			
15			
16			

Prepared by: Brianne Akins according to the approved protocol

WASHINGTON STATE TOXICOLOGY LABORATORY
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Preparation and certification of **0.04** g/210L Quality Assurance solution
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	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	0.048	0.049	0.048													
2	0.049	0.049	0.048													
3	0.049	0.049	0.049													
4	0.049	0.049	0.048													
5	0.048	0.049	0.048													
Ctrl	0.099	0.100	0.098													

External Control:
 Lot #: _____ Exp date: _____
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.0486 g/100 mL
 SD: 0.00051
 Range (3xSD): 0.0471 to 0.0501
 Precision CV (%): 1.0434 %

Equivalent vapor concent.: 0.0400 g/210L

Analyst	Name	Signature	Date
1	Brianne Akins	<i>Brianne E. Akins</i>	10/09/2006
2	Christopher S Johnston	<i>Christopher S. Johnston</i>	10/04/2006
3	Sarah M. Swenson	<i>Sarah M. Swenson</i>	10/05/2006
4			
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16			

Prepared by: Brianne Akins 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, 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 quality assurance solution, Lot Number 06037, was prepared in the Washington State Toxicology Laboratory on 10/4/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0486 grams per 100ml.

Dated: 10/10/2006
Seattle, WA

Brianne E. Akins

Brianne E. Akins
Forensic Toxicologist

BEA/ks
BAQA

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.

Brianne E. Akins 10507





STATE OF WASHINGTON
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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

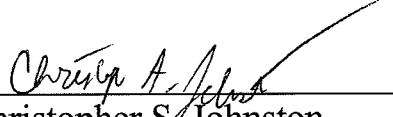
I, Christopher S. Johnston, do certify under penalty of perjury that:

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.

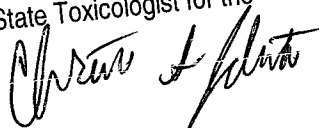
The quality assurance solution, Lot Number 06037, was prepared in the Washington State Toxicology Laboratory on 10/4/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0486 grams per 100ml.

Dated: 10/10/2006
Seattle, WA



Christopher S. Johnston
Forensic Toxicologist

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.

 10.05-07

CSJ/ks
CJQA





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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, Sarah 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 three years of experience in forensic toxicology.

The quality assurance solution, Lot Number 06037, was prepared in the Washington State Toxicology Laboratory on 10/4/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0486 grams per 100ml.

Dated: 10/10/2006
Seattle, WA

Sarah Swenson
Forensic Toxicologist

SMS/ks
SSQA

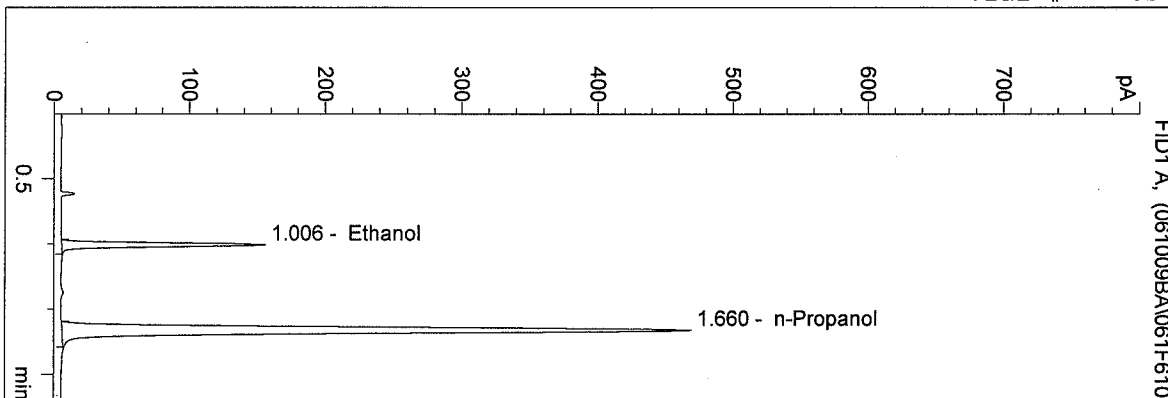
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

10/5/07

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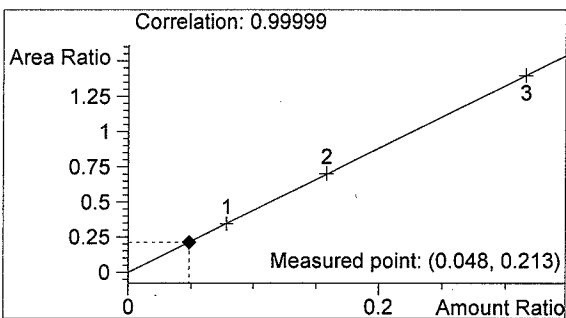
QA 06037 A
 Brianne E. Akins

vial # 61

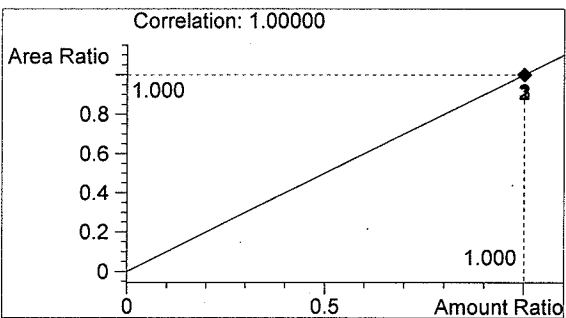


#	Compound	Area	RT
1	Ethanol	312	1.006
2	n-Propanol	1468	1.660

Totals:



Ethanol 0.048 g/100ml

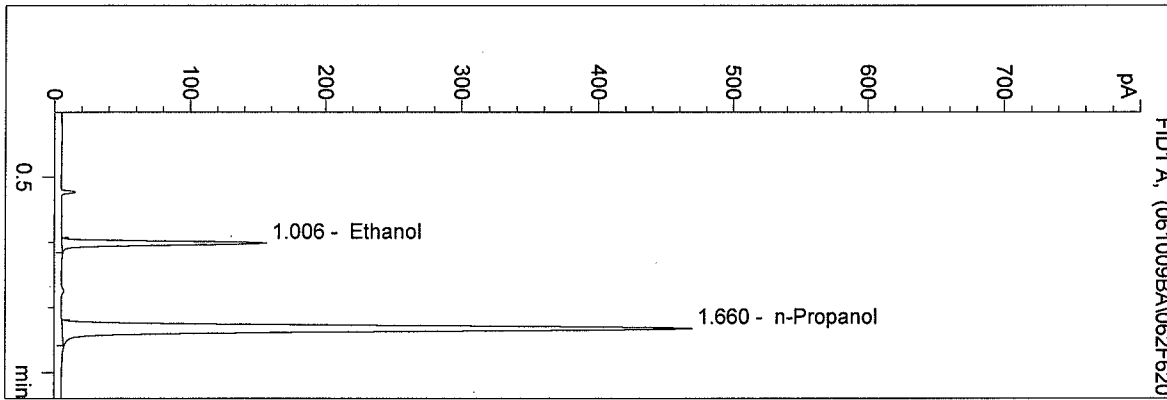


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 1:23:08 PM
 Instrument 4
 DB-ALC1

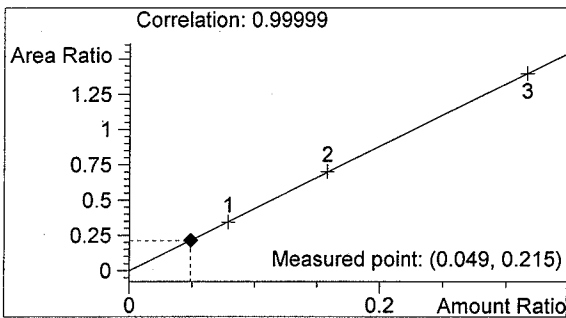
QA 06037 B
 Brianne E. Akins

vial # 62

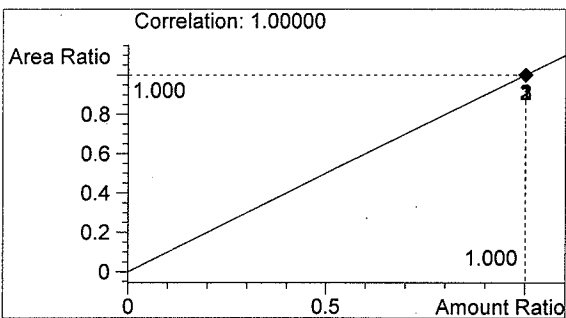


#	Compound	Area	RT
1	Ethanol	315	1.006
2	n-Propanol	1467	1.660

Totals:



Ethanol 0.049 g/100ml

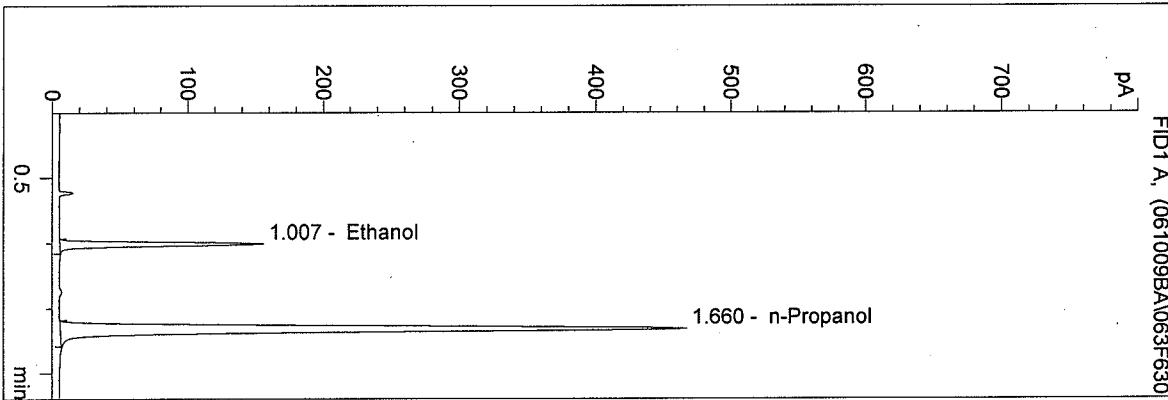


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 1:26:24 PM
 Instrument 4
 DB-ALC1

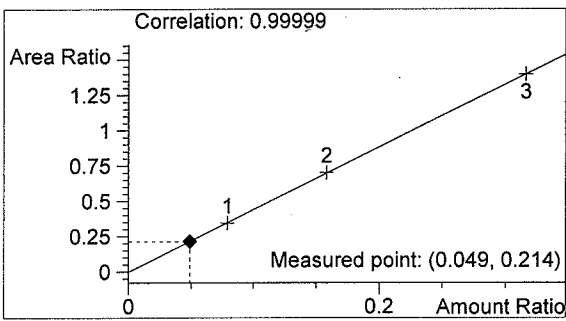
QA 06037 C
 Brianne E. Akins

vial # 63

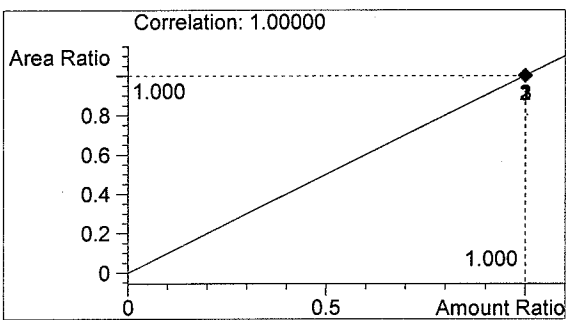


#	Compound	Area	RT
1	Ethanol	313	1.007
2	n-Propanol	1460	1.660

Totals:



Ethanol 0.049 g/100ml

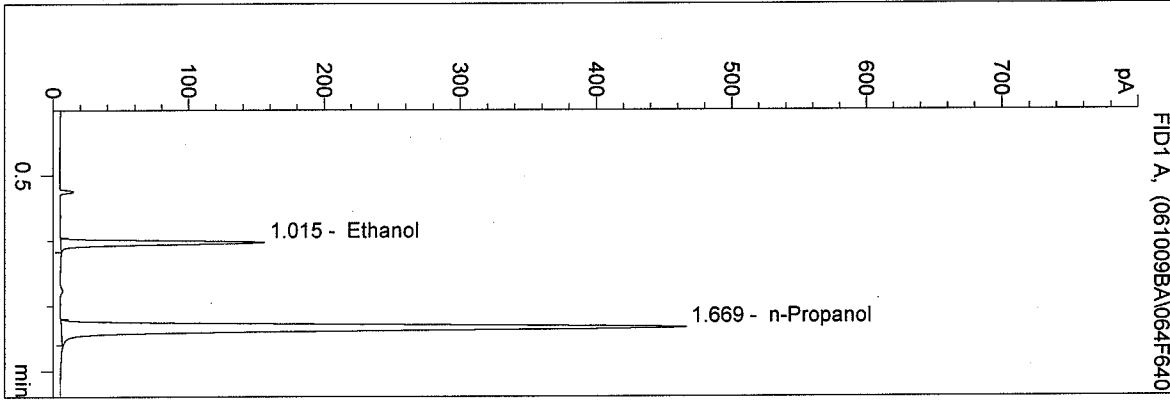


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 1:29:41 PM
 Instrument 4
 DB-ALC1

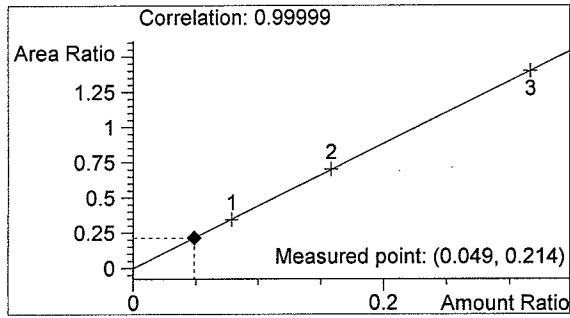
QA 06037 D
 Brianne E. Akins

vial # 64

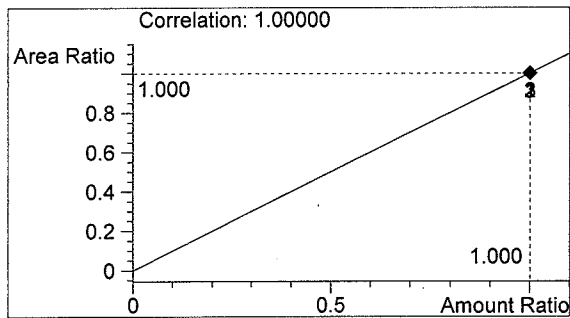


#	Compound	Area	RT
1	Ethanol	312	1.015
2	n-Propanol	1457	1.669

Totals:



Ethanol 0.049 g/100ml

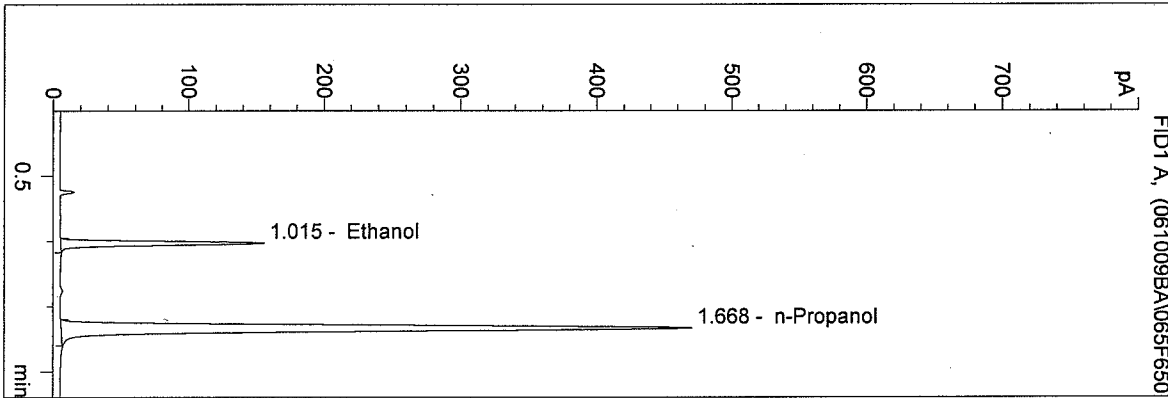


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 1:32:58 PM
 Instrument 4
 DB-ALC1

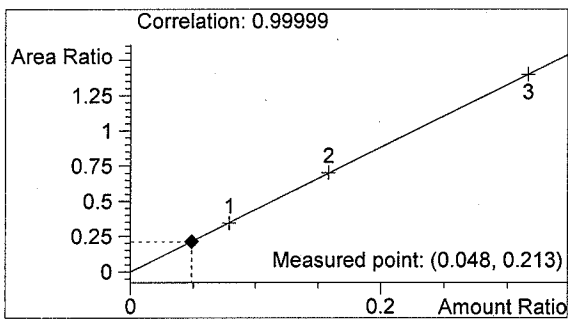
QA 06037 E
 Brianne E. Akins

vial # 65

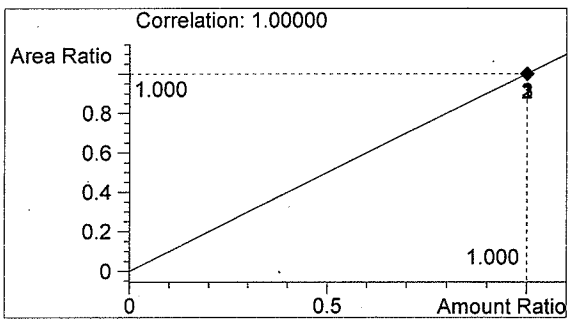


#	Compound	Area	RT
1	Ethanol	313	1.015
2	n-Propanol	1472	1.668

Totals:



Ethanol 0.048 g/100ml

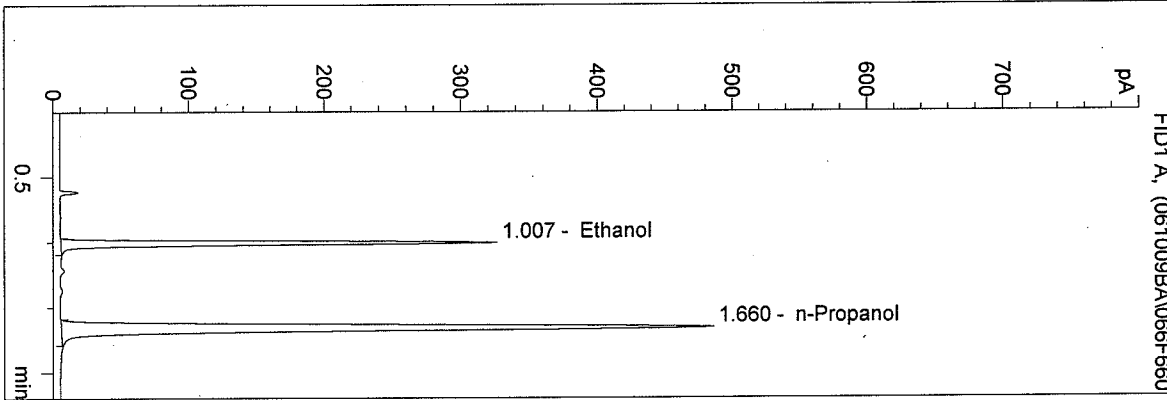


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 1:36:12 PM
 Instrument 4
 DB-ALC1

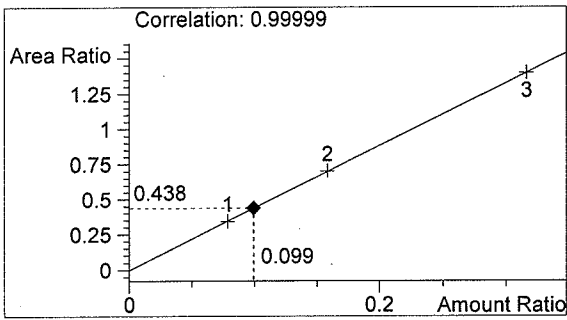
0.10 CONTROL-BA
 Brianne E. Akins

vial # 66

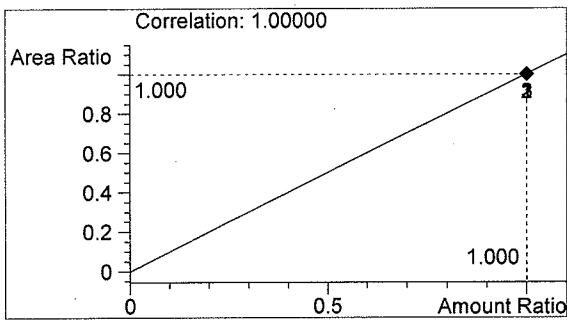


#	Compound	Area	RT
1	Ethanol	666	1.007
2	n-Propanol	1521	1.660

Totals:



Ethanol 0.099 g/100ml

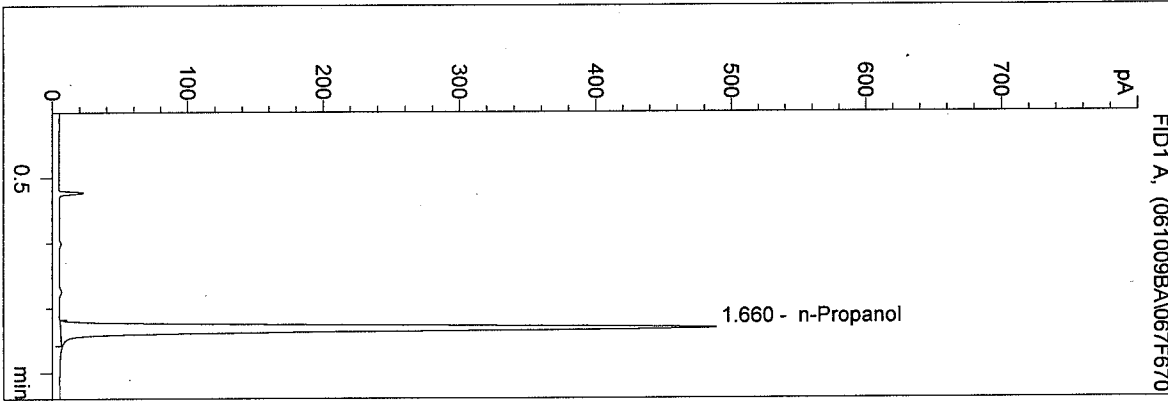


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 1:39:26 PM
 Instrument 4
 DB-ALC1

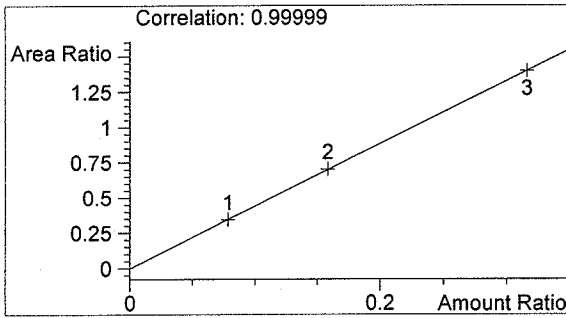
BLANK
 Brianne E. Akins

vial # 67

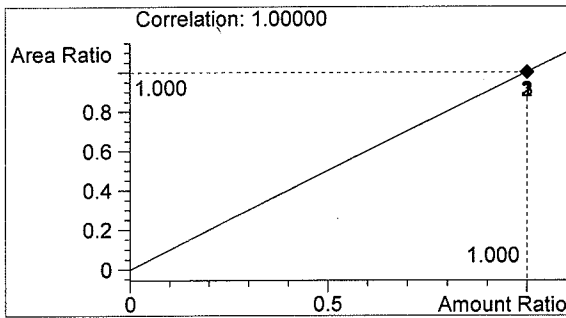


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1529	1.660

Totals:



Ethanol 0.000 g/100ml

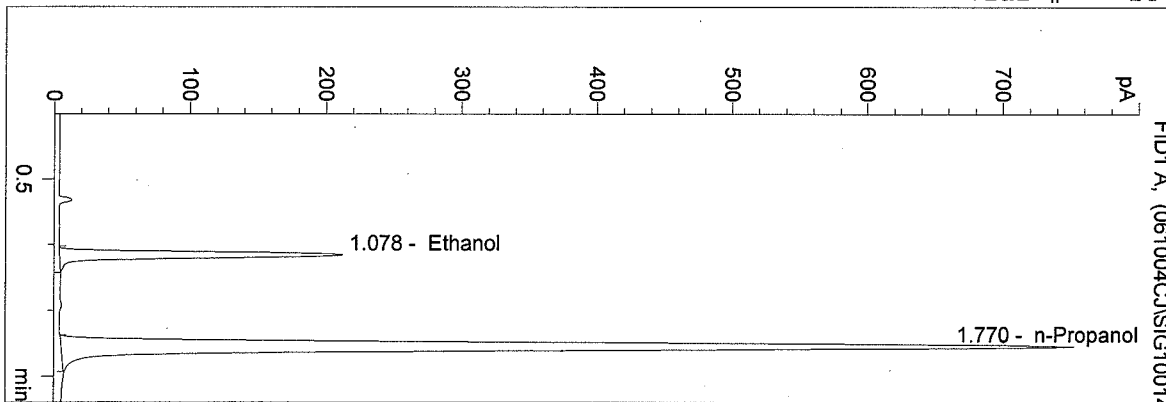


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:21:21 PM
 Instrument 1
 DB ALC 1

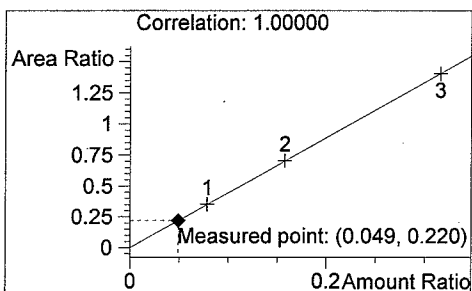
06037 QA 0.04
 Chris Johnston

vial # 14



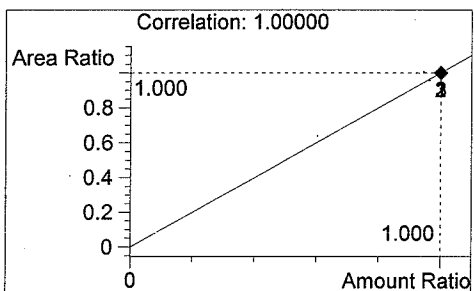
#	Compound	Area	RT
1	Ethanol	654	1.078
2	n-Propanol	2980	1.770

Tot



Ethanol

0.049 g/100ml



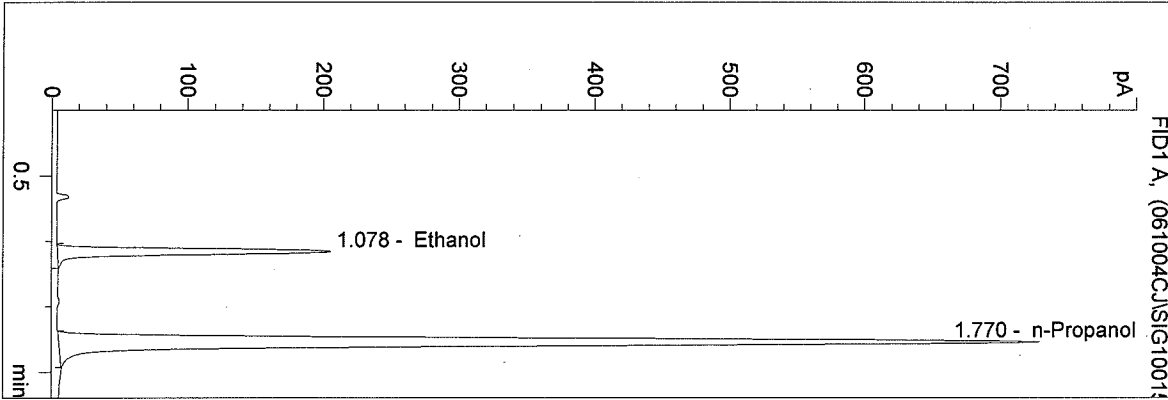
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:24:26 PM
 Instrument 1
 DB ALC 1

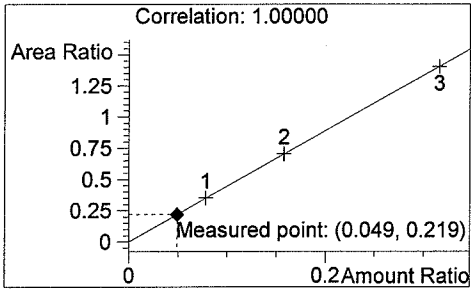
06037 QA 0.04
 Chris Johnston

vial # 15



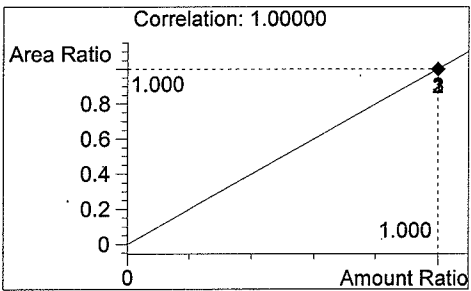
#	Compound	Area	RT
1	Ethanol	631	1.078
2	n-Propanol	2879	1.770

Tot



Ethanol

0.049 g/100ml



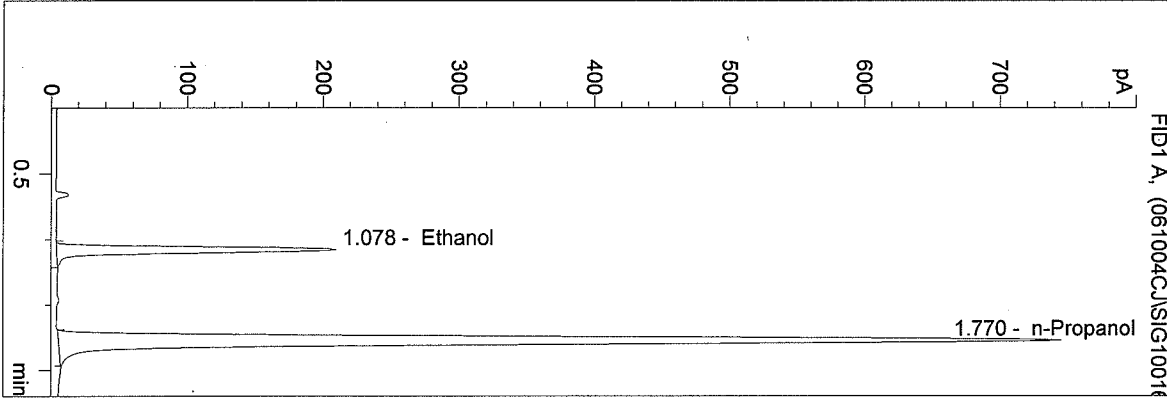
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:27:31 PM
 Instrument 1
 DB ALC 1

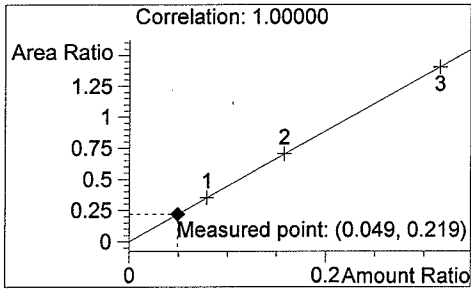
06037 QA 0.04
 Chris Johnston

vial # 16



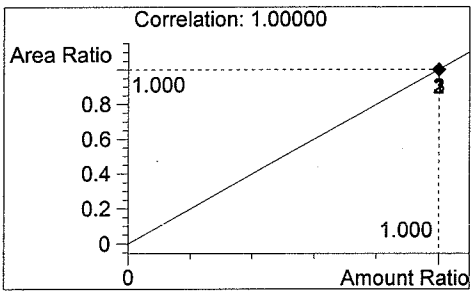
#	Compound	Area	RT
1	Ethanol	645	1.078
2	n-Propanol	2946	1.770

Tot



Ethanol

0.049 g/100ml



n-Propanol

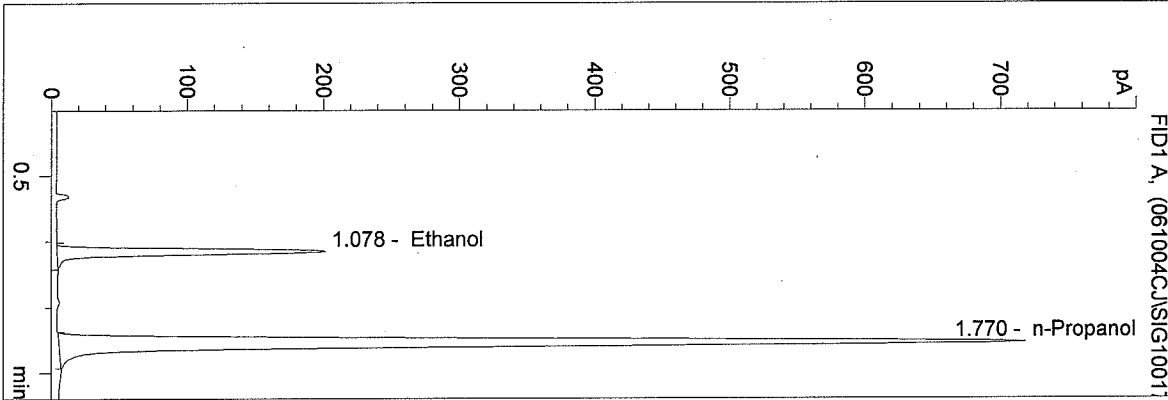
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:30:36 PM
 Instrument 1
 DB ALC 1

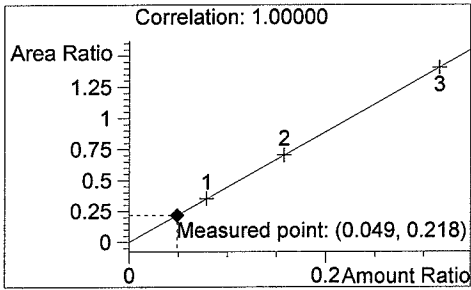
06037 QA 0.04
 Chris Johnston

vial # 17



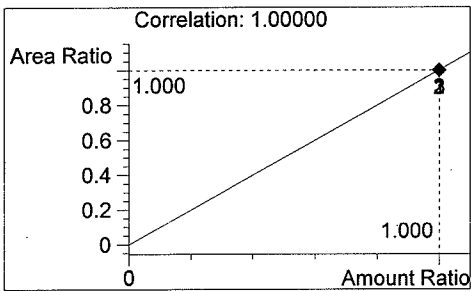
#	Compound	Area	RT
1	Ethanol	617	1.078
2	n-Propanol	2832	1.770

Tot



Ethanol

0.049 g/100ml



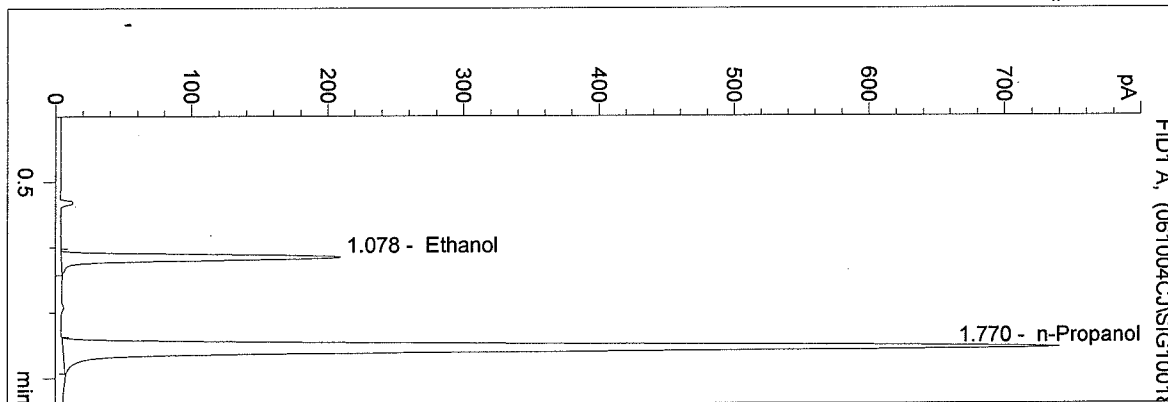
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:33:41 PM
 Instrument 1
 DB ALC 1

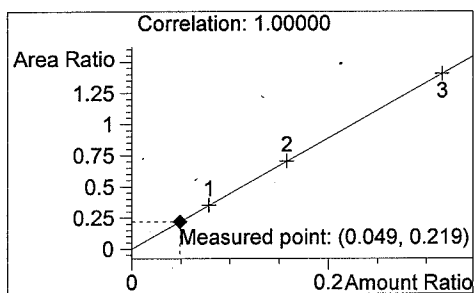
06037 QA 0.04
 Chris Johnston

vial # 18



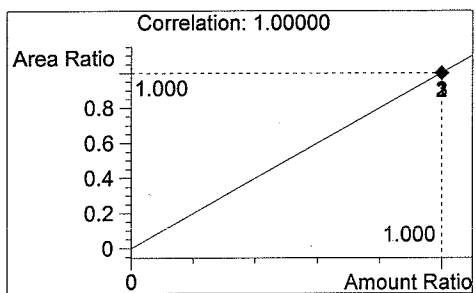
#	Compound	Area	RT
1	Ethanol	641	1.078
2	n-Propanol	2924	1.770

Tot



Ethanol

0.049 g/100ml



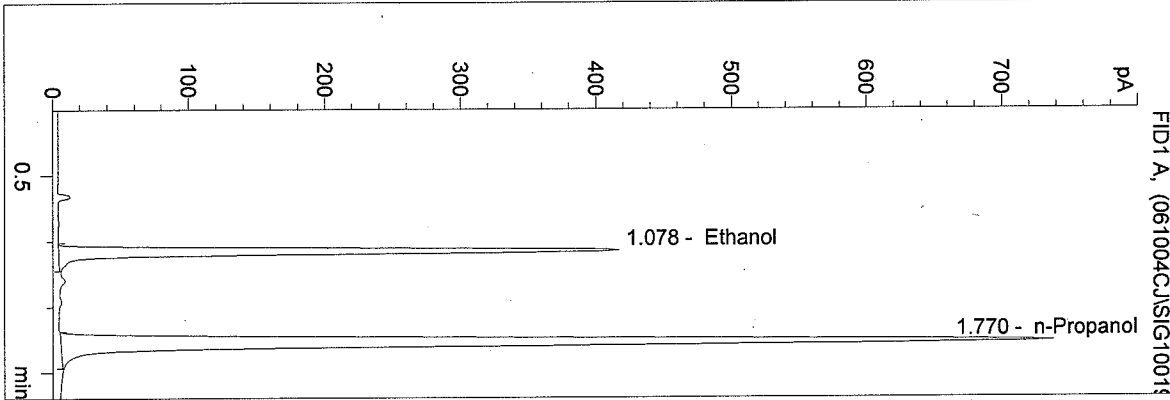
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:36:46 PM
 Instrument 1
 DB ALC 1

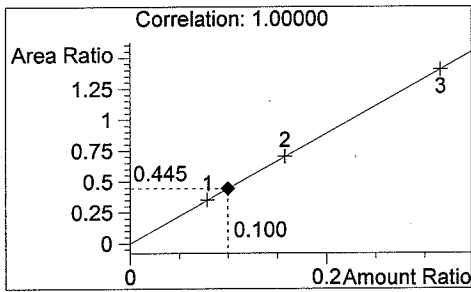
0.10 CONTROL-CJ
 Chris Johnston

vial # 19



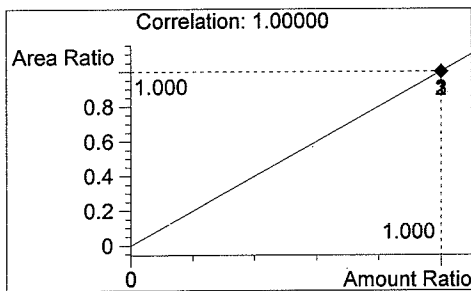
#	Compound	Area	RT
1	Ethanol	1295	1.078
2	n-Propanol	2910	1.770

Tot



Ethanol

0.100 g/100ml



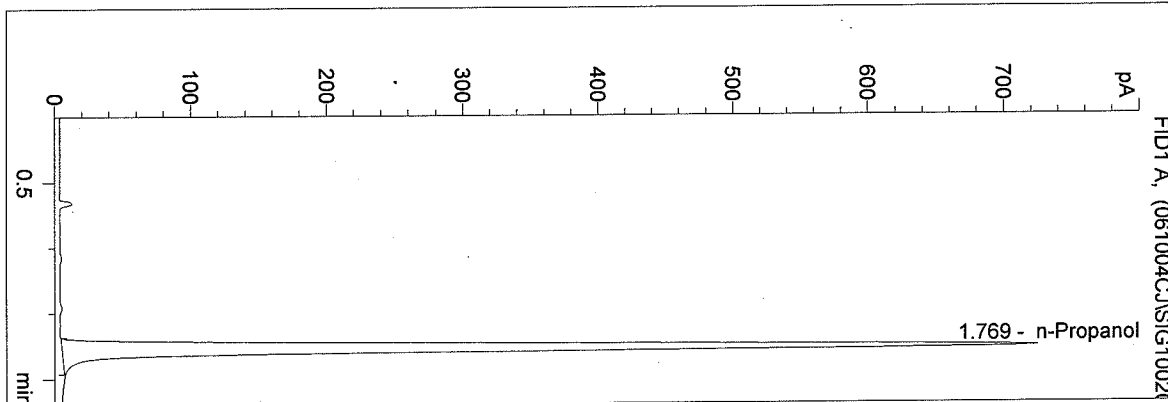
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:39:50 PM
 Instrument 1
 DB ALC 1

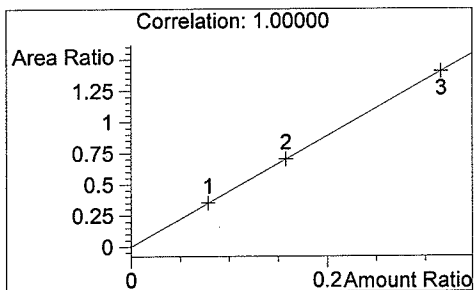
BLANK
 Chris Johnston

vial # 20



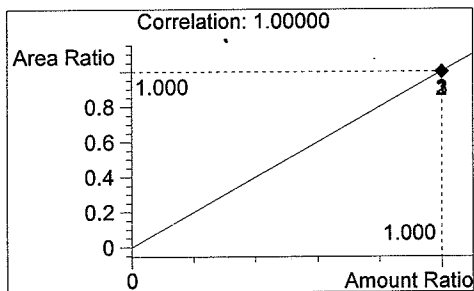
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2865	1.769

Tot



Ethanol

0.000 g/100ml



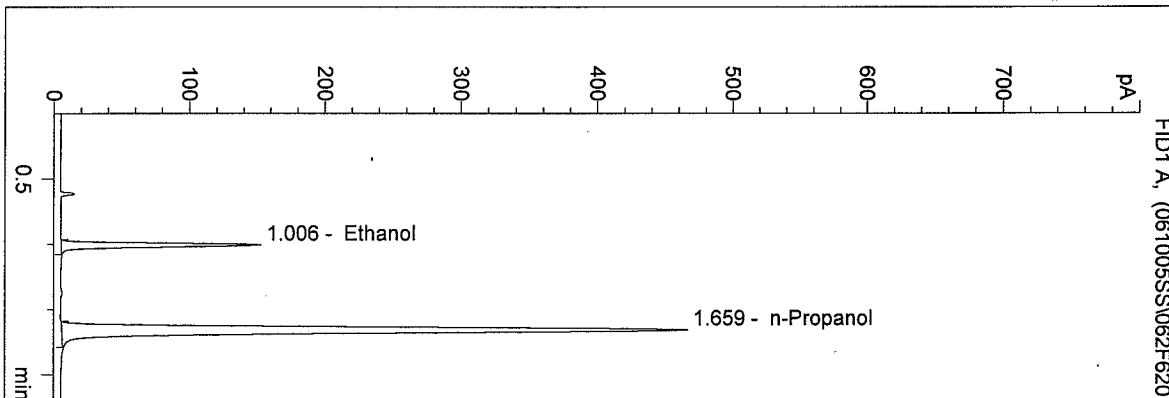
n-Propanol

1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/5/2006 1:54:56 PM
 Instrument 4
 DB-ALC1

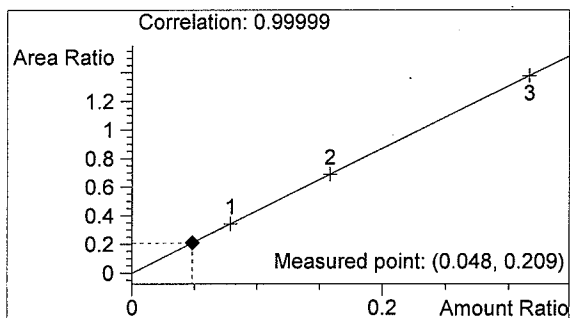
06037-1
 SARAH SWENSON

vial # 62

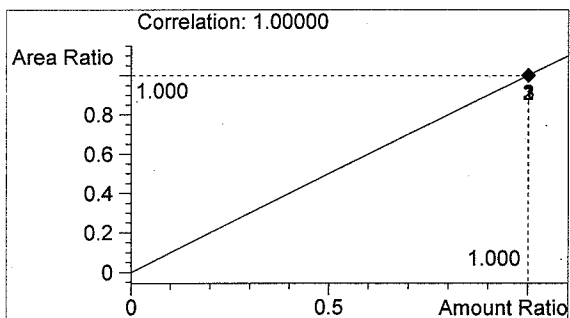


#	Compound	Area	RT
1	Ethanol	304	1.006
2	n-Propanol	1454	1.659

Totals:



Ethanol 0.048 g/100ml

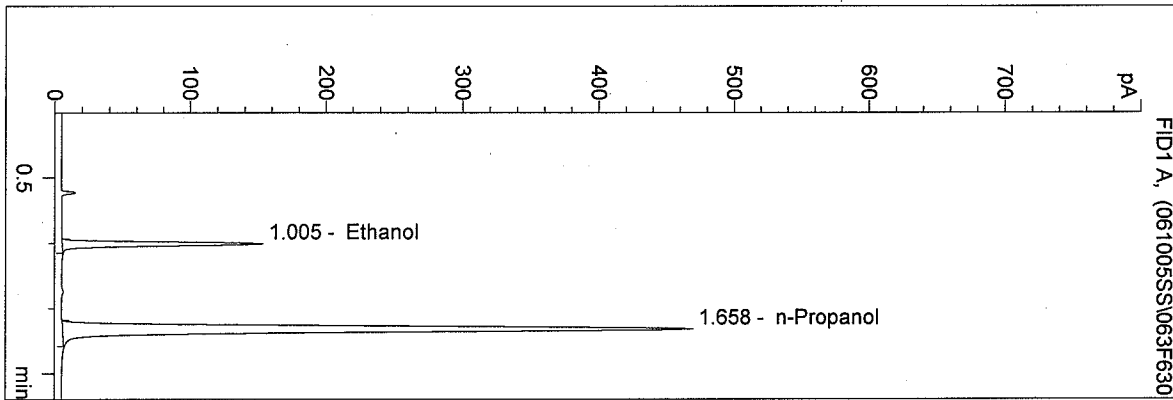


n-Propanol 1.000 g/100ml

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 10/5/2006 1:58:13 PM
 Instrument 4
 DB-ALC1

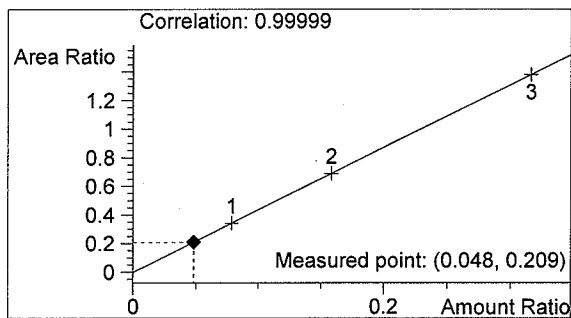
06037-2
 SARAH SWENSON

vial # 63

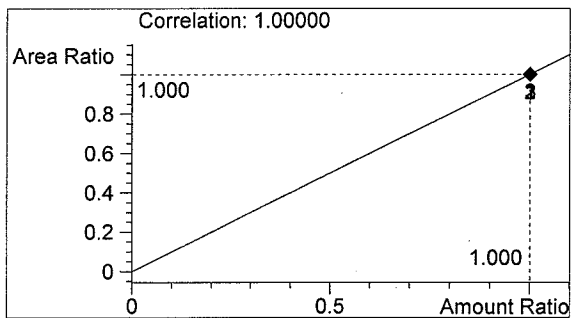


#	Compound	Area	RT
1	Ethanol	307	1.005
2	n-Propanol	1465	1.658

Totals:



Ethanol 0.048 g/100ml

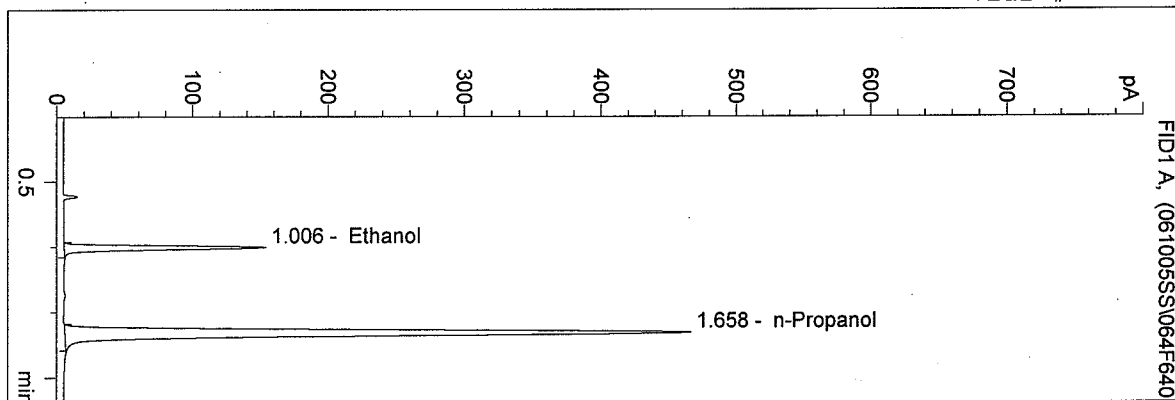


n-Propanol 1.000 g/100ml

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 10/5/2006 2:01:29 PM
 Instrument 4
 DB-ALC1

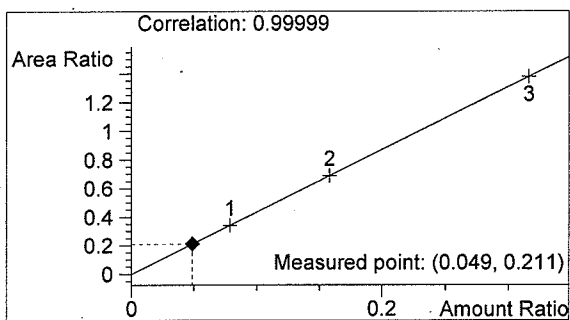
06037-3
 SARAH SWENSON

vial # 64

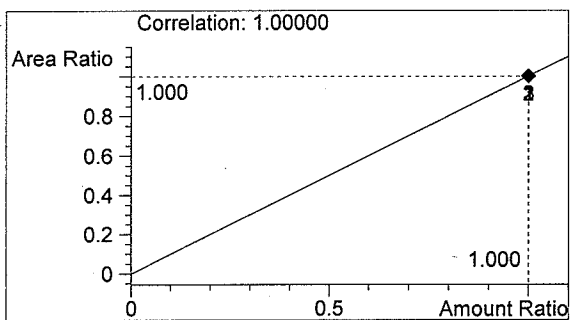


#	Compound	Area	RT
1	Ethanol	307	1.006
2	n-Propanol	1456	1.658

Totals:



Ethanol 0.049 g/100ml

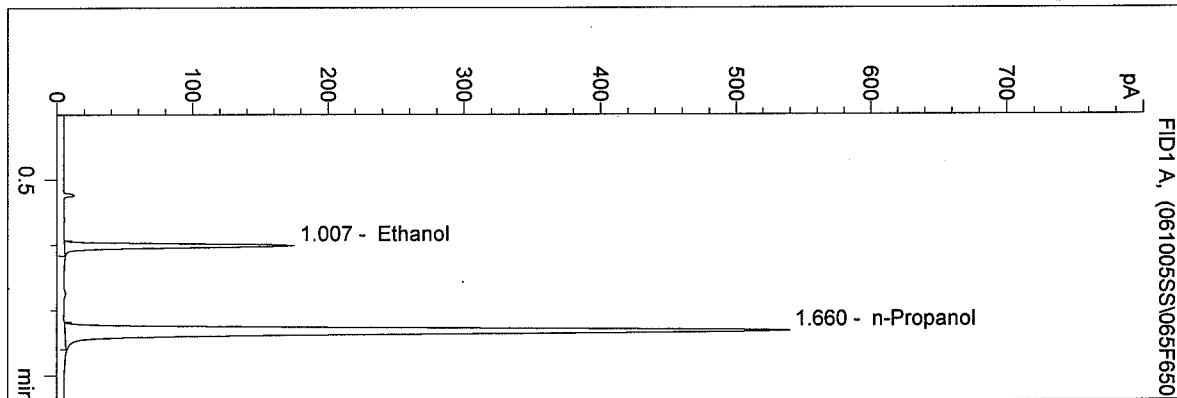


n-Propanol 1.000 g/100ml

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 10/5/2006 2:04:40 PM
 Instrument 4
 DB-ALC1

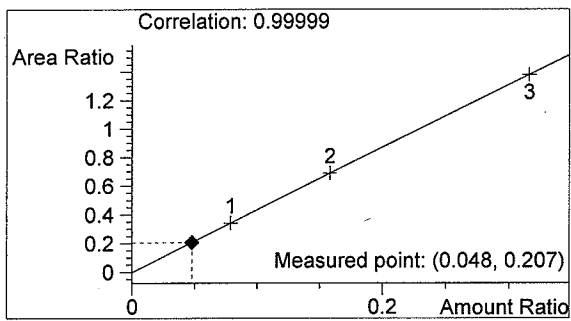
06037-4
 SARAH SWENSON

vial # 65

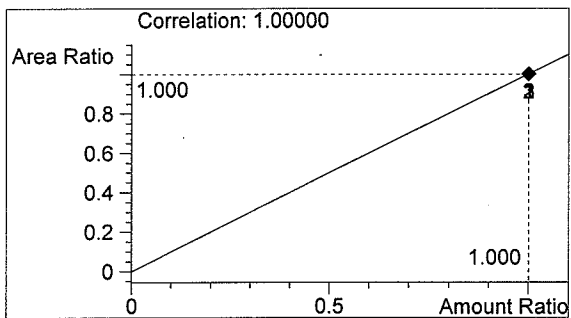


#	Compound	Area	RT
1	Ethanol	349	1.007
2	n-Propanol	1685	1.660

Totals:



Ethanol 0.048 g/100ml

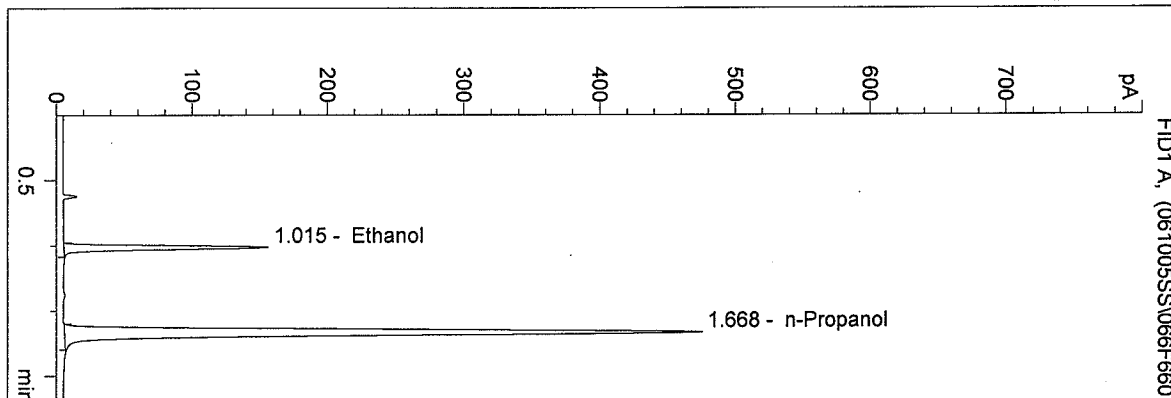


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

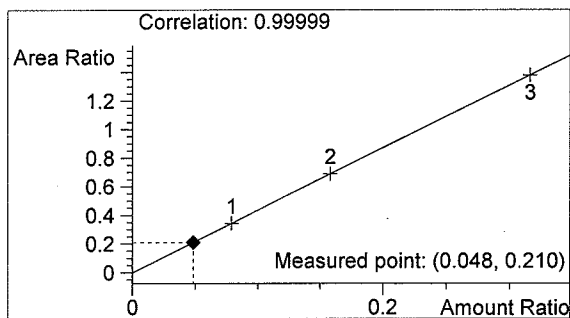
06037-5
 SARAH SWENSON

vial # 66

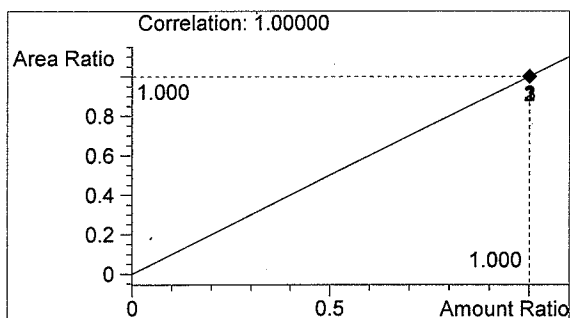


#	Compound	Area	RT
1	Ethanol	311	1.015
2	n-Propanol	1480	1.668

Totals:



Ethanol 0.048 g/100ml

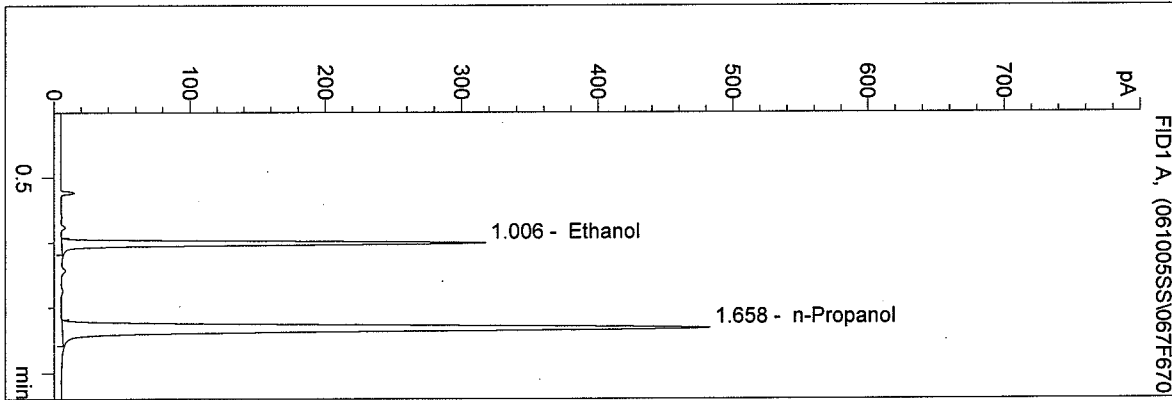


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

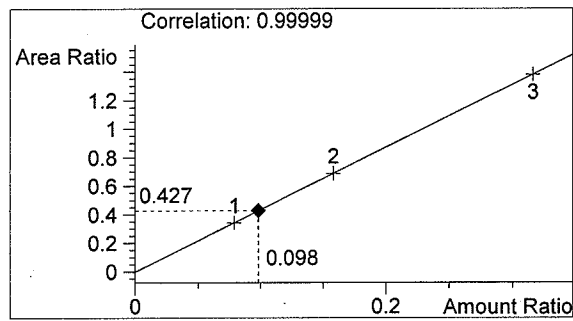
0.10 CTL-SS
 SARAH SWENSON

vial # 67

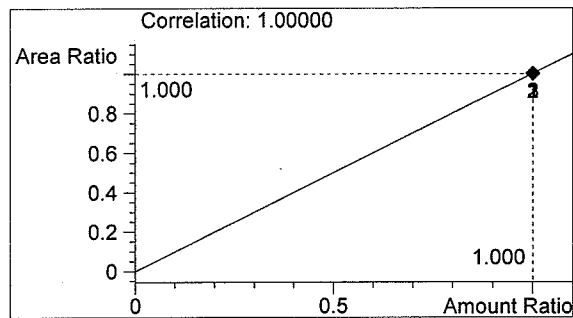


#	Compound	Area	RT
1	Ethanol	643	1.006
2	n-Propanol	1505	1.658

Totals:



Ethanol 0.098 g/100ml

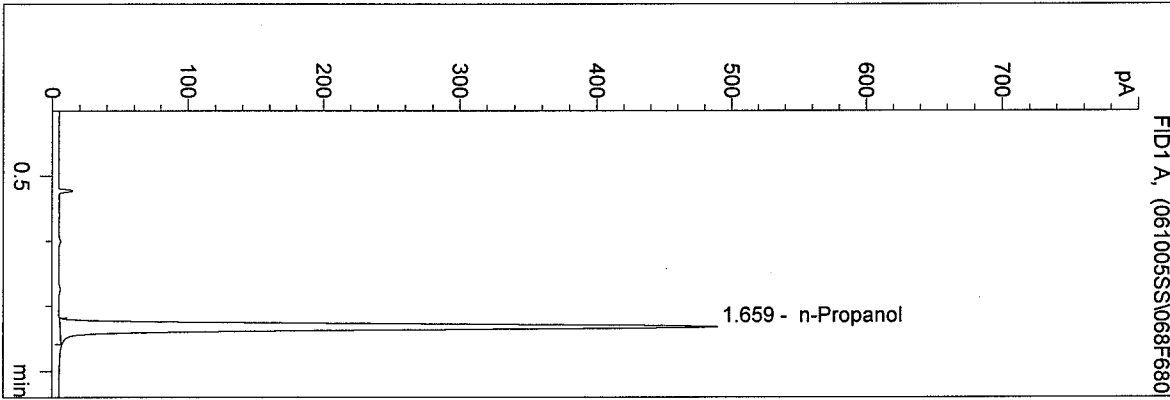


n-Propanol 1.000 g/100ml

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 10/5/2006 2:14:24 PM
 Instrument 4
 DB-ALC1

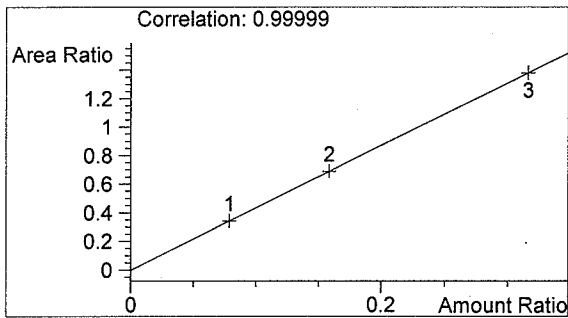
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 SARAH SWENSON

vial # 68

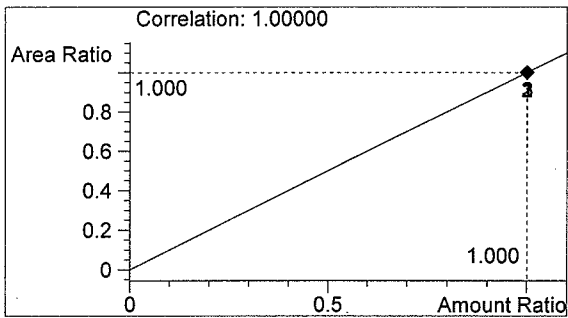


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1526	1.659

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml