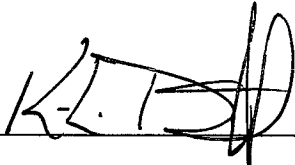


Notice of Simulator Solution File Review

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.

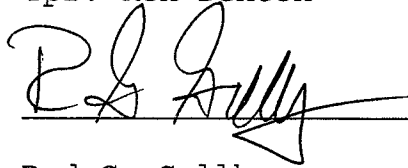
Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear 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 FEN HENTON/ROD GULLBERG Date 10-1-07
Location TOX LAB SEATTLE Batch Number D10039

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: [Signature] Date: 10-1-07
Reviewer Signature: [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 **0.10** g/210L Quality Assurance solution
 Batch number **06039** Date: 10/4/2006
 Preparation: 28.9 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	0.129	0.128	0.130													
2	0.130	0.128	0.130													
3	0.130	0.127	0.130													
4	0.132	0.129	0.130													
5	0.130	0.130	0.130													
Ctrl	0.100	0.100	0.101													

External Control:
 Lot #: A041837 Exp date: 04/2010
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.1295 g/100 mL
 SD: 0.00119
 Range (3xSD): 0.1259 to 0.1331
 Precision CV (%): 0.9168 %

Equivalent vapor concent.: 0.1053 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			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Brianne Akins according to the approved protocol

WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
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 SEATTLE, WASHINGTON 98134-2027
 (206) 262-6100 FAX (206) 262-6145

Preparation and certification of **0.10** g/210L Quality Assurance solution
 Batch number **06039** Date: 10/4/2006
 Preparation: 28.9 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	0.129	0.128	0.130													
2	0.130	0.128	0.130													
3	0.130	0.127	0.130													
4	0.132	0.129	0.130													
5	0.130	0.130	0.130													
Ctrl	0.100	0.100	0.101													

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

Statistics:
 Avg. solution concent.: 0.1295 g/100 mL
 SD: 0.00119
 Range (3xSD): 0.1259 to 0.1331
 Precision CV (%): 0.9168 %

Equivalent vapor concent.: 0.1053 g/210L

<u>Analyst</u>	<u>Name</u>	<u>Signature</u>	<u>Date</u>
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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13			
14			
15			
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 06039, 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 0.1295 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
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

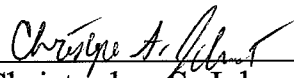
I, Christopher S. Johnston, do certify under penalty of perjury that:

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 06039, 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 0.1295 grams per 100ml.

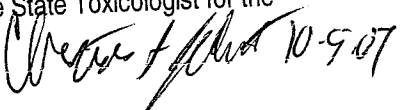
Dated: 10/10/2006
Seattle, WA



Christopher S. Johnston
Forensic Toxicologist

CSJ/ks
CJQA

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.


10-9-07



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, 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 06039, 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 0.1295 grams per 100ml.

Dated: 10/10/2006
Seattle, WA

Sarah Swenson
Forensic Toxicologist

SMS/ks
SSQA

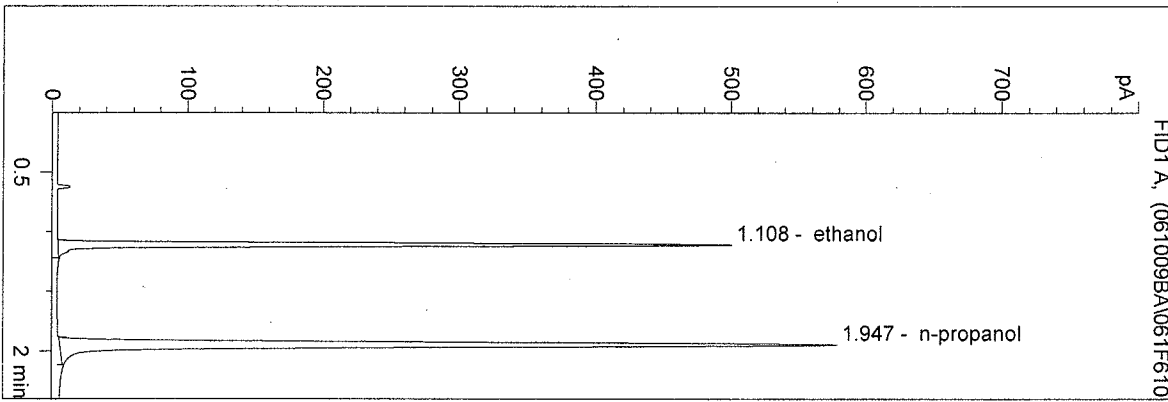
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

10/5/07

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/9/2006 2:00:23 PM
 Instrument 5
 DB-ALC2

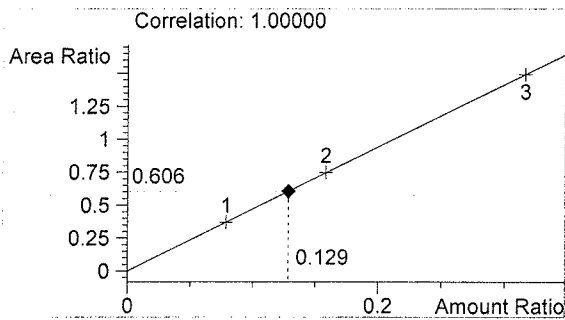
QA 06039 A
 Brianne E. Akins

vial # 61

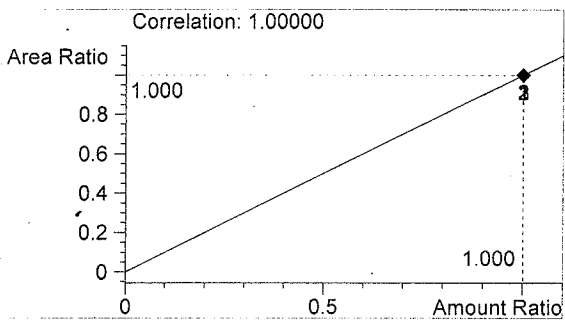


#	Compound	Area	RT
1	ethanol	1029	1.108
2	n-propanol	1699	1.947

Totals:



ethanol 0.129 g/100ml

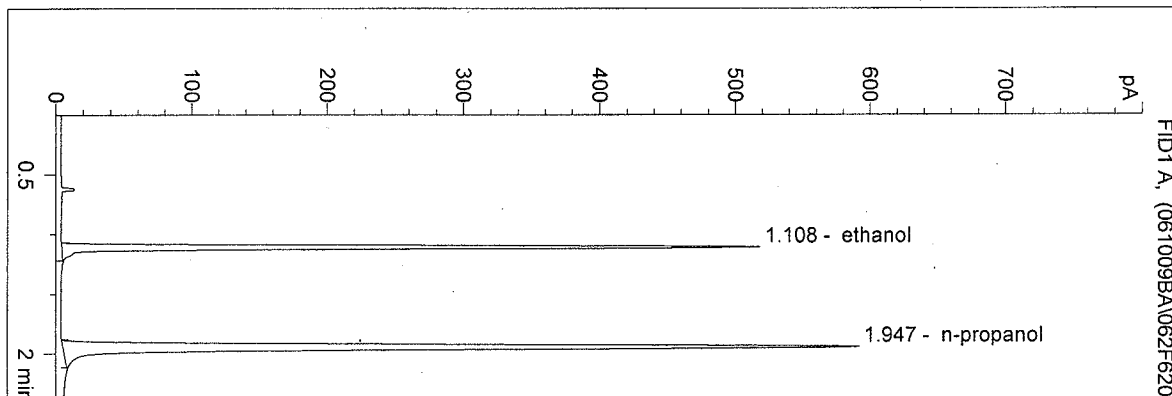


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/9/2006 2:05:04 PM
 Instrument 5
 DB-ALC2

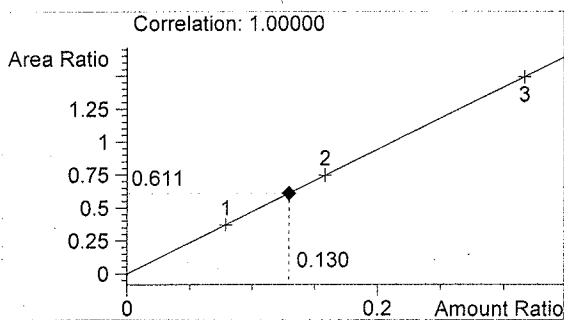
QA 06039 B
 Brianne E. Akins

vial # 62

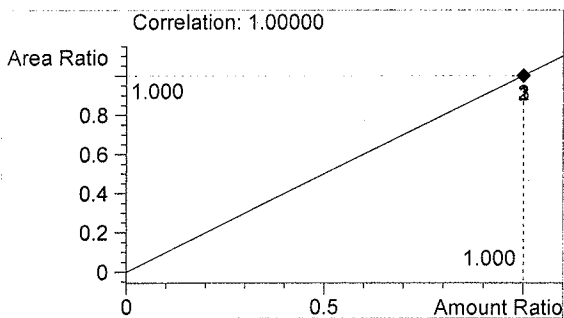


#	Compound	Area	RT
1	ethanol	1067	1.108
2	n-propanol	1746	1.947

Totals:



ethanol 0.130 g/100ml

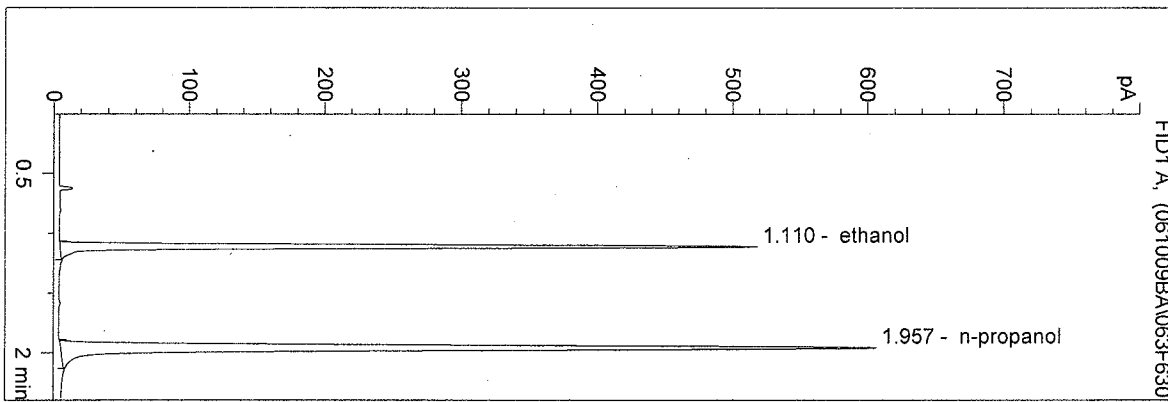


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/9/2006 2:08:41 PM
 Instrument 5
 DB-ALC2

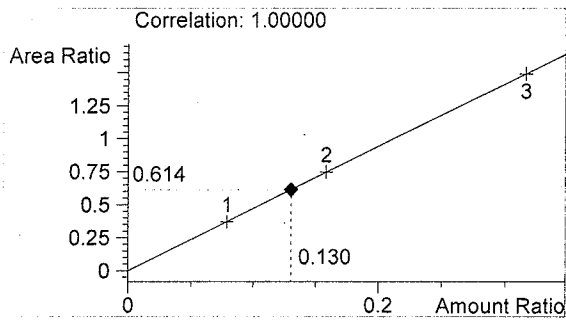
QA 06039 C
 Brianne E. Akins

vial # 63

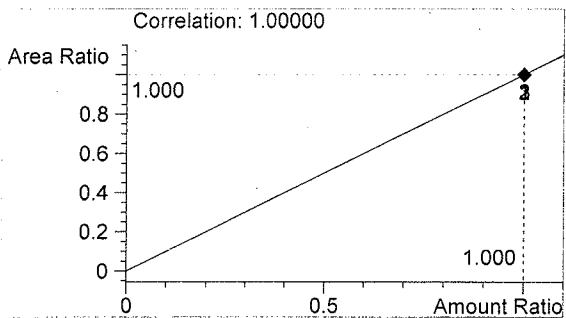


#	Compound	Area	RT
1	ethanol	1114	1.110
2	n-propanol	1815	1.957

Totals:



ethanol 0.130 g/100ml

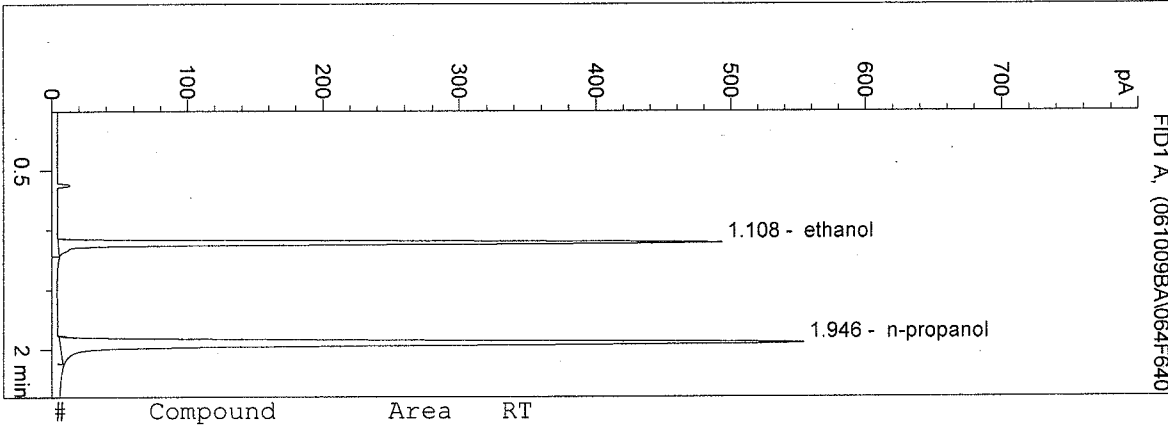


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/9/2006 2:12:19 PM
 Instrument 5
 DB-ALC2

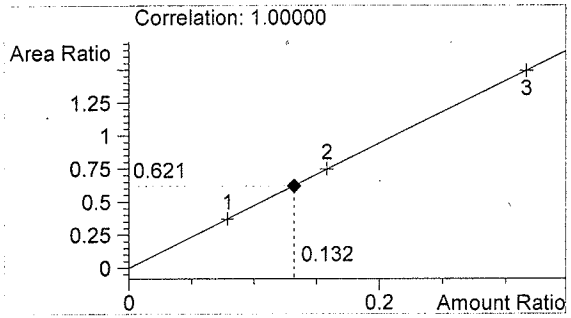
QA 06039 D
 Brianne E. Akins

vial # 64

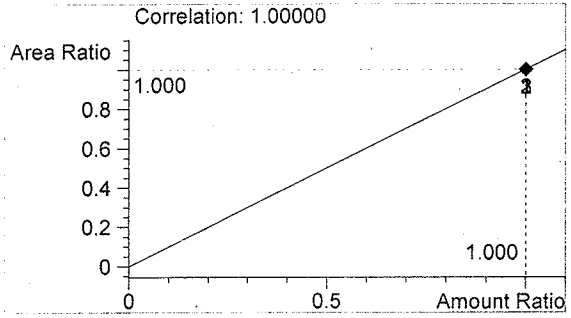


#	Compound	Area	RT
1	ethanol	1012	1.108
2	n-propanol	1629	1.946

Totals:



ethanol 0.132 g/100ml

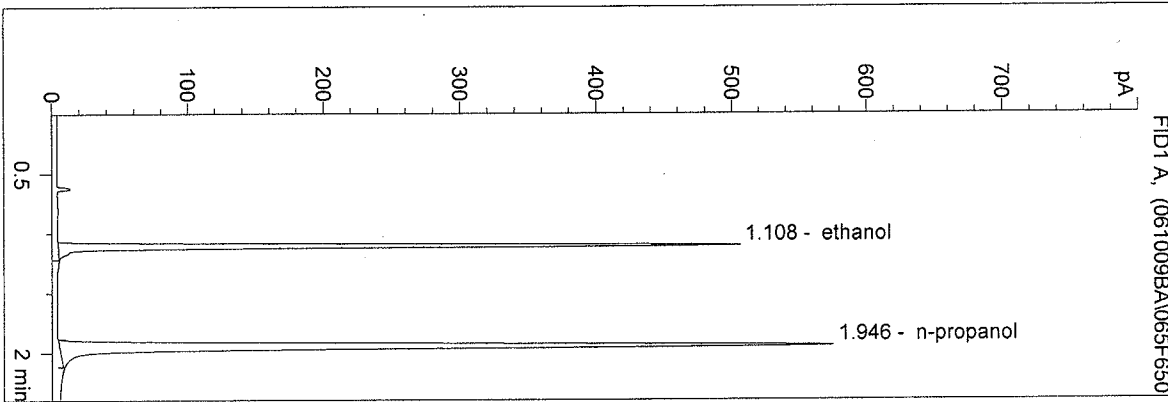


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/9/2006 2:16:55 PM
 Instrument 5
 DB-ALC2

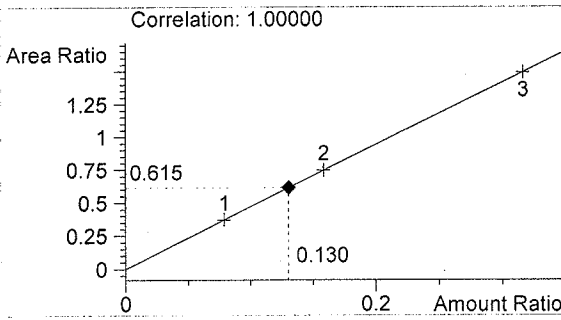
QA 06039 E
 Brianne E. Akins

vial # 65

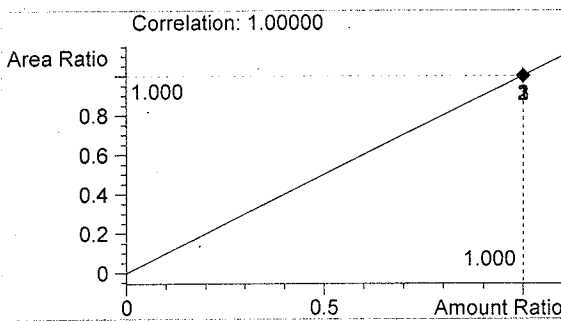


#	Compound	Area	RT
1	ethanol	1041	1.108
2	n-propanol	1695	1.946

Totals:



ethanol 0.130 g/100ml

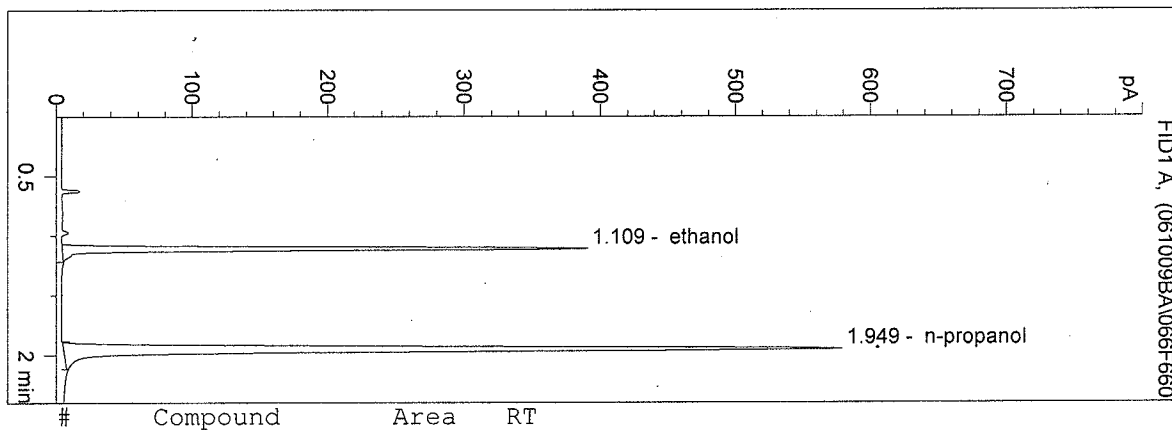


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/9/2006 2:20:32 PM
 Instrument 5
 DB-ALC2

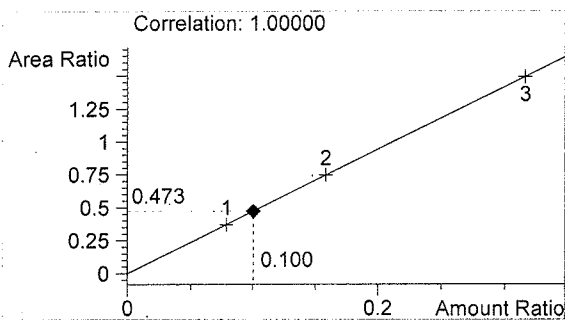
0.10 CONTROL
 Brianne E. Akins

vial # 66

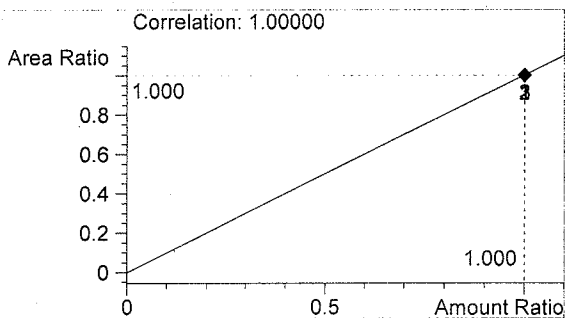


#	Compound	Area	RT
1	ethanol	808	1.109
2	n-propanol	1709	1.949

Totals:



ethanol 0.100 g/100ml

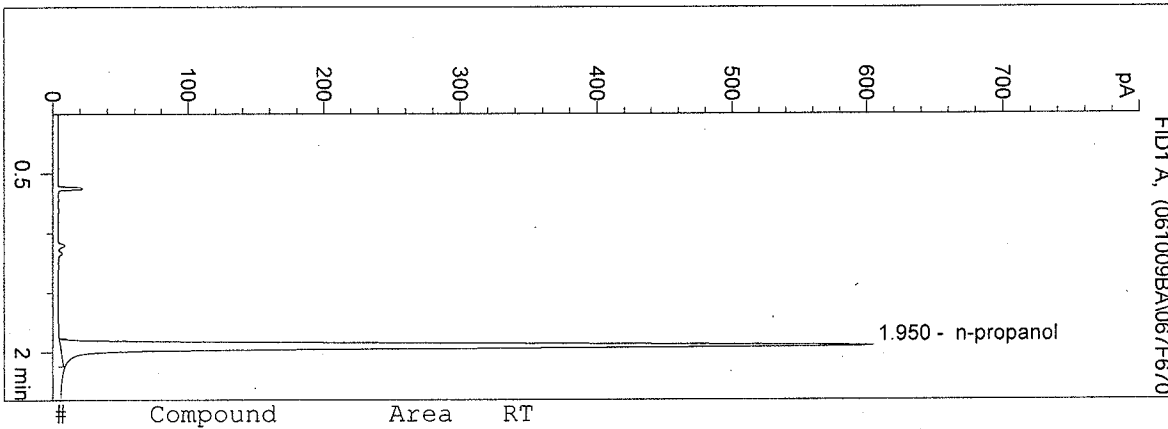


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/9/2006 2:24:08 PM
 Instrument 5
 DB-ALC2

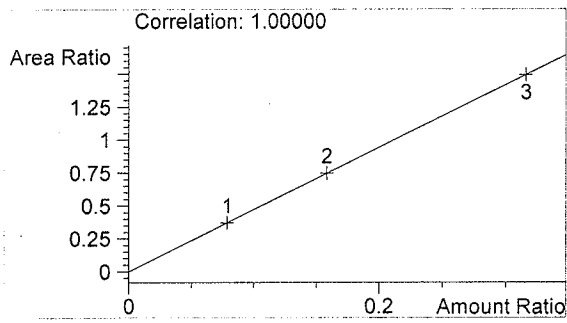
BLANK
 Brianne E. Akins

vial # 67

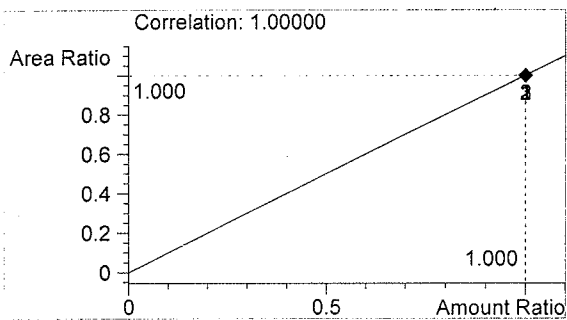


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1781	1.950

Totals:



ethanol 0.000 g/100ml

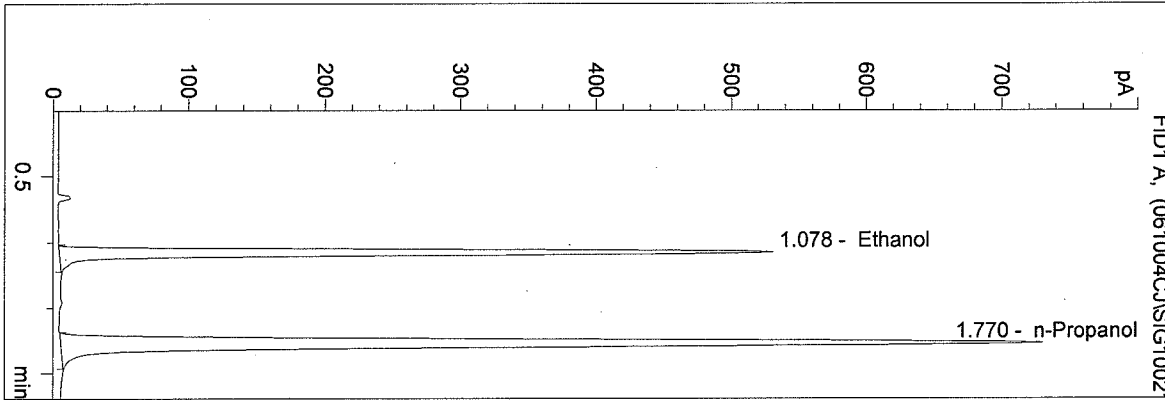


n-propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:42:55 PM
 Instrument 1
 DB ALC 1

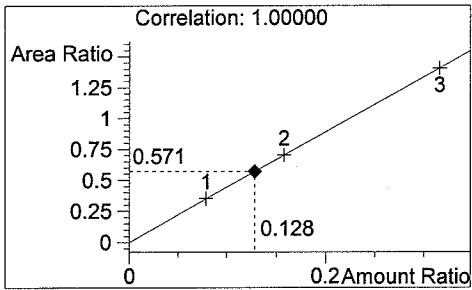
06039 QA 0.10
 Chris Johnston

vial # 21



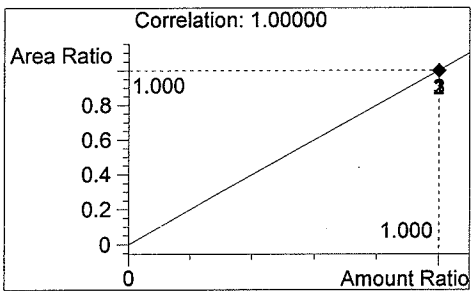
#	Compound	Area	RT
1	Ethanol	1646	1.078
2	n-Propanol	2881	1.770

Tot



Ethanol

0.128 g/100ml



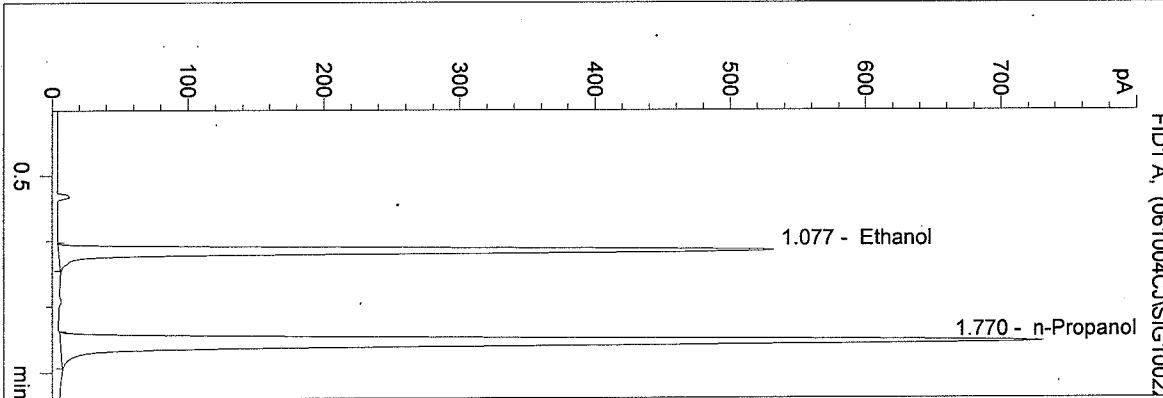
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:46:00 PM
 Instrument 1
 DB ALC 1

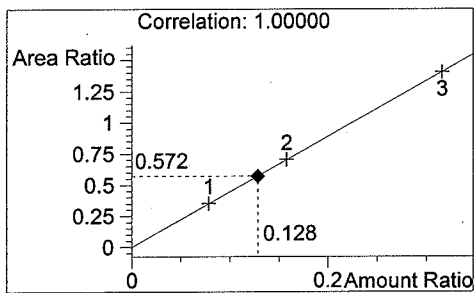
06039 QA 0.10
 Chris Johnston

vial # 22



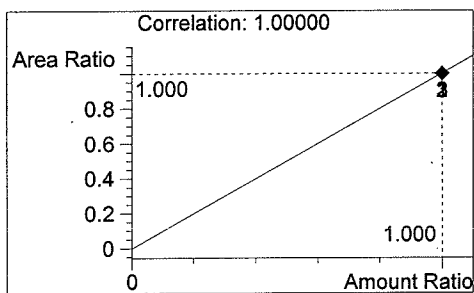
#	Compound	Area	RT
1	Ethanol	1645	1.077
2	n-Propanol	2876	1.770

Tot



Ethanol

0.128 g/100ml



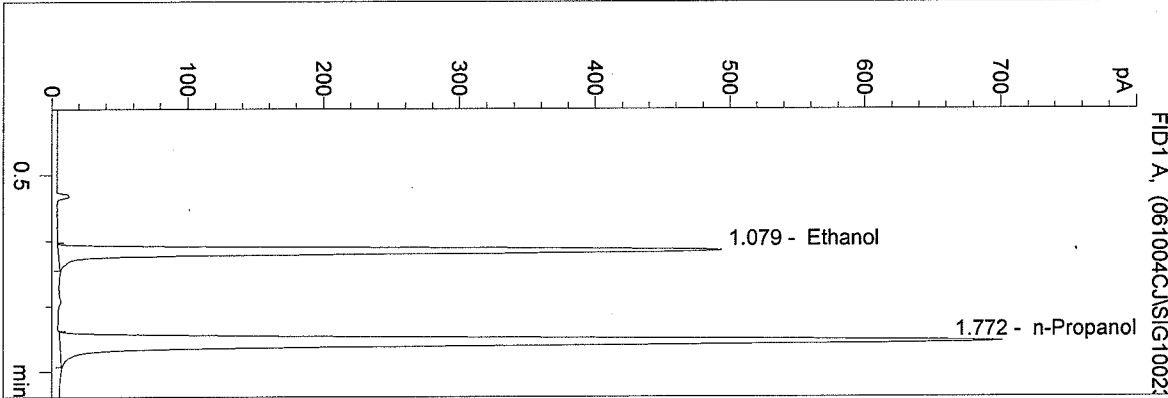
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:49:04 PM
 Instrument 1
 DB ALC 1

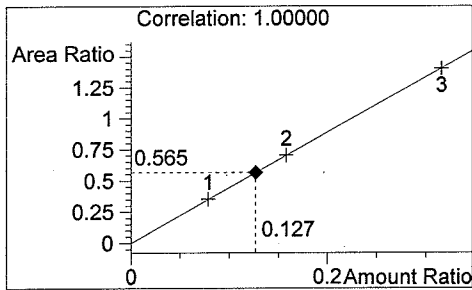
06039 QA 0.10
 Chris Johnston

vial # 23



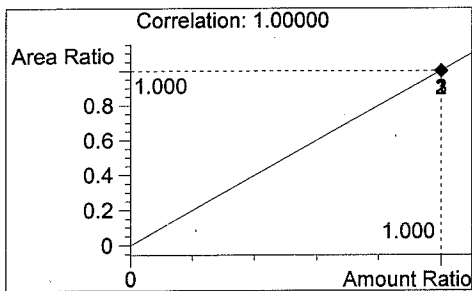
#	Compound	Area	RT
1	Ethanol	1575	1.079
2	n-Propanol	2786	1.772

Tot



Ethanol

0.127 g/100ml



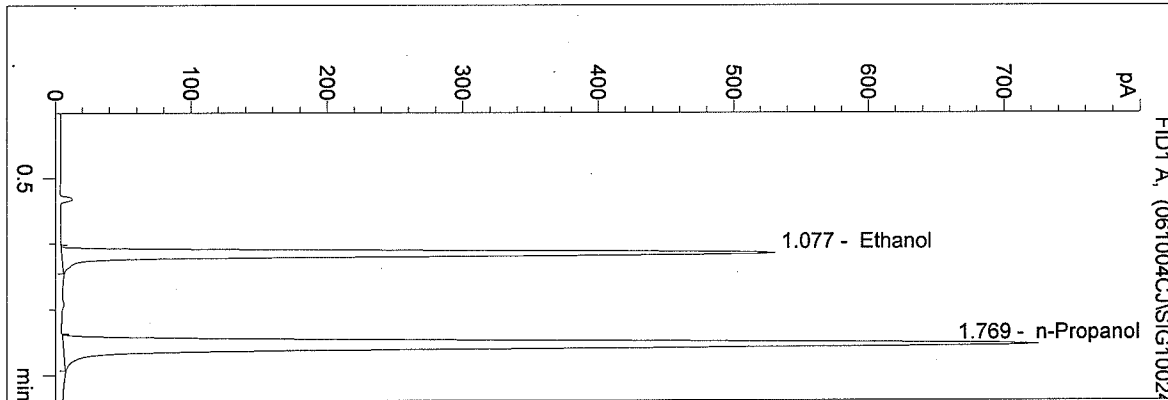
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:52:09 PM
 Instrument 1
 DB ALC 1

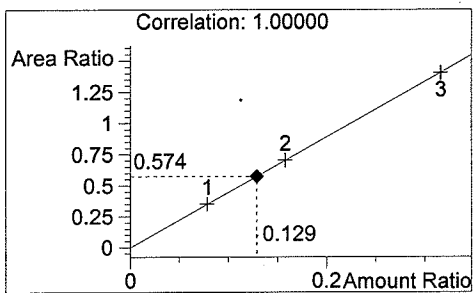
06039 QA 0.10
 Chris Johnston

vial # 24



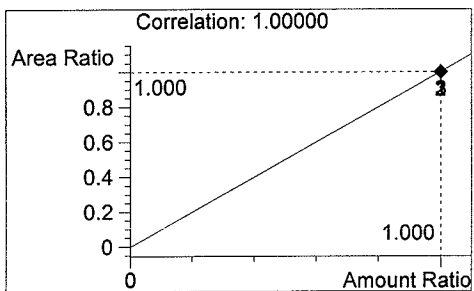
#	Compound	Area	RT
1	Ethanol	1644	1.077
2	n-Propanol	2867	1.769

Tot



Ethanol

0.129 g/100ml



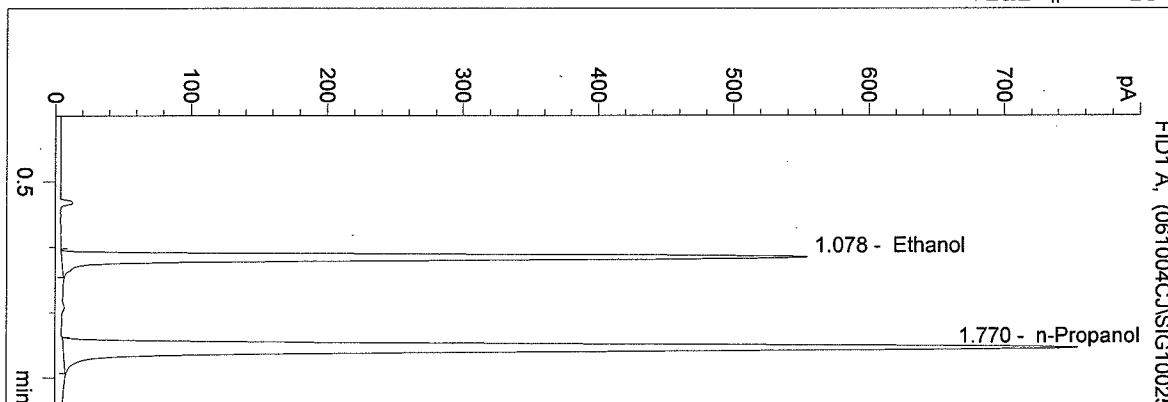
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:55:14 PM
 Instrument 1
 DB ALC 1

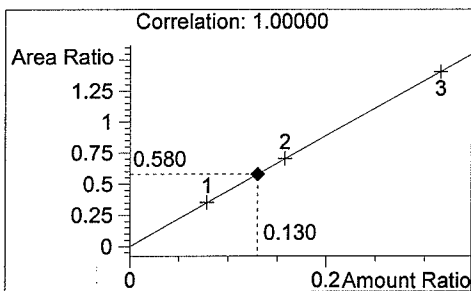
06039 QA 0.10
 Chris Johnston

vial # 25



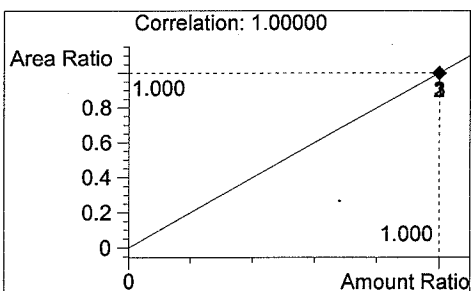
#	Compound	Area	RT
1	Ethanol	1728	1.078
2	n-Propanol	2977	1.770

Tot



Ethanol

0.130 g/100ml



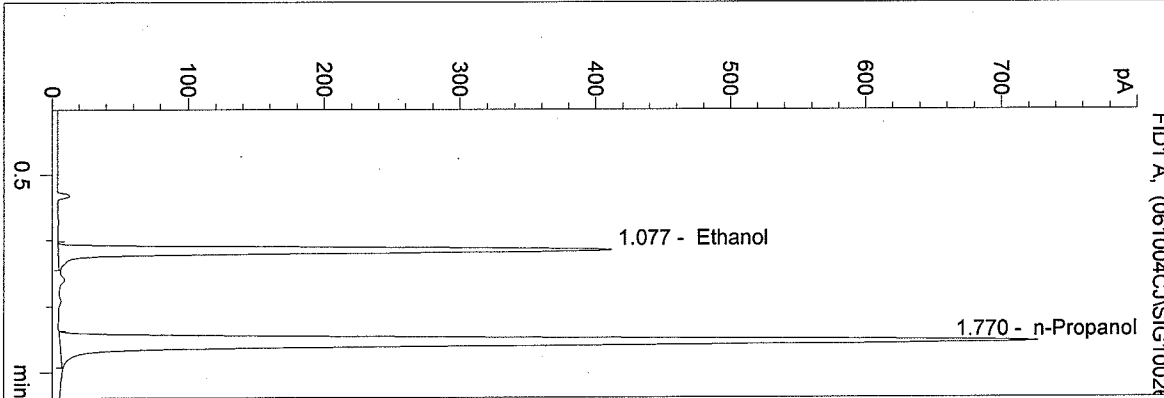
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 4:58:19 PM
 Instrument 1
 DB ALC 1

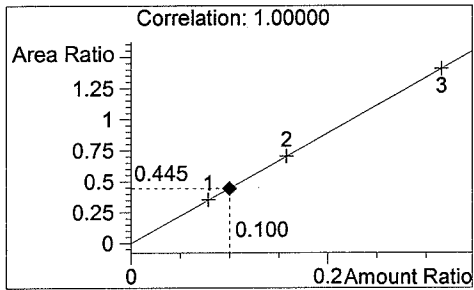
0.10 CONTROL-CJ
 Chris Johnston

vial # 26



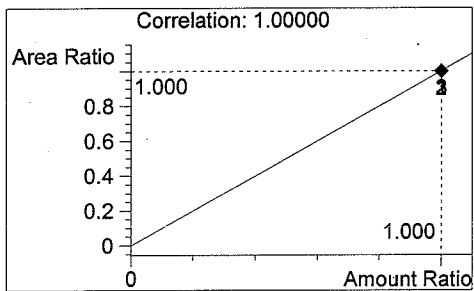
#	Compound	Area	RT
1	Ethanol	1277	1.077
2	n-Propanol	2868	1.770

Tot



Ethanol

0.100 g/100ml



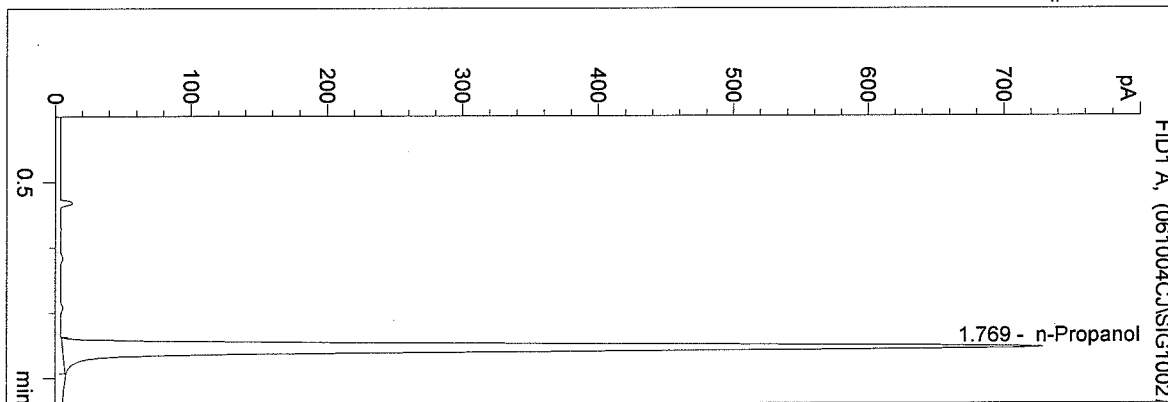
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 10/4/2006 5:01:24 PM
 Instrument 1
 DB ALC 1

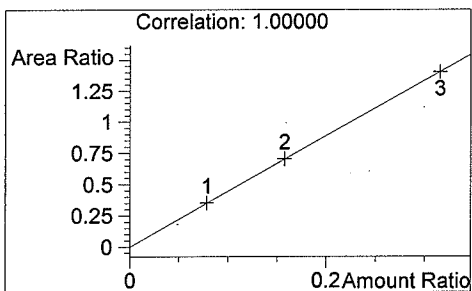
BLANK
 Chris Johnston

vial # 27



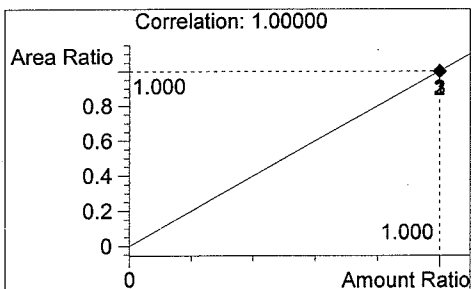
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2870	1.769

Tot



Ethanol

0.000 g/100ml



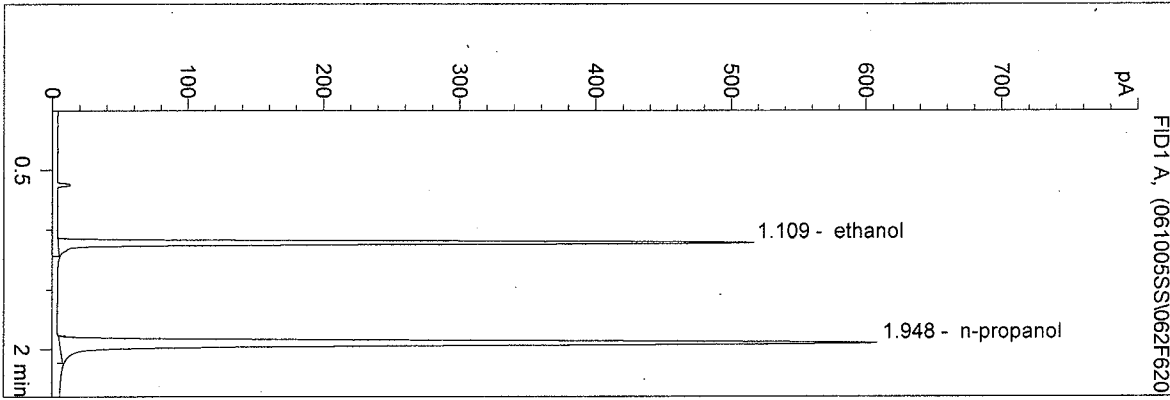
n-Propanol

1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/5/2006 2:44:33 PM
 Instrument 5
 DB-ALC2

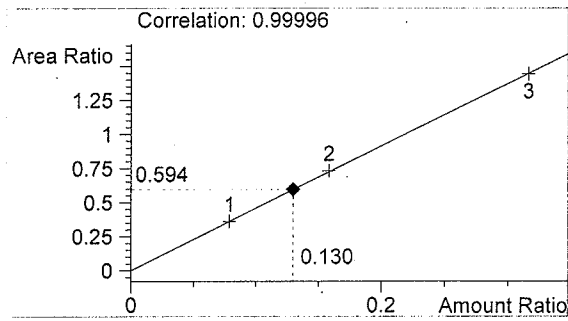
06039-1
 SARAH SWENSON

vial # 62

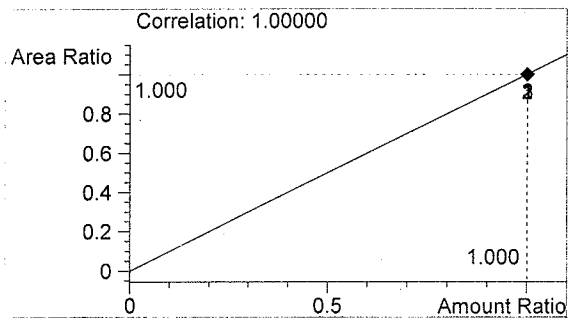


#	Compound	Area	RT
1	ethanol	1061	1.109
2	n-propanol	1785	1.948

Totals:



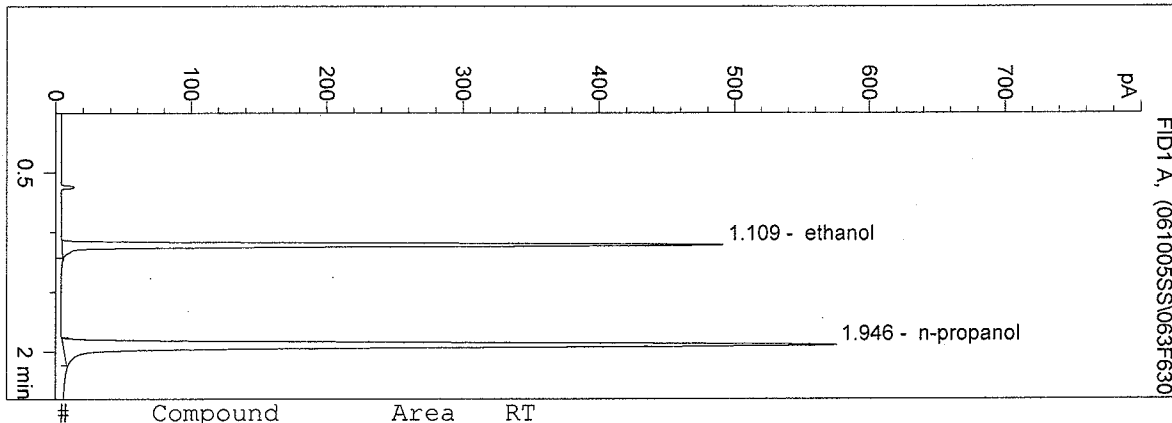
ethanol 0.130 g/100ml



n-propanol 1.000 g/100ml

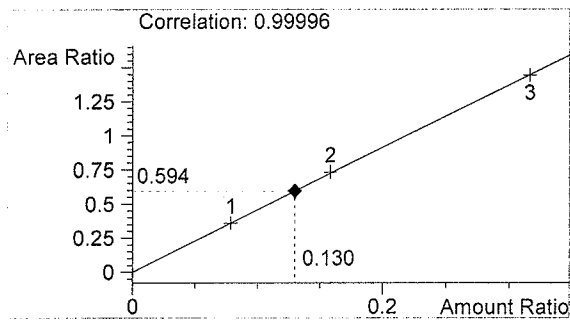
D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/5/2006 2:48:09 PM
 Instrument 5
 DB-ALC2

06039-2
 SARAH SWENSON
 vial # 63

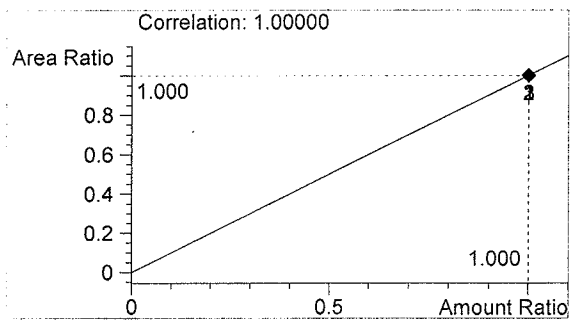


#	Compound	Area	RT
1	ethanol	1003	1.109
2	n-propanol	1688	1.946

Totals:



ethanol 0.130 g/100ml

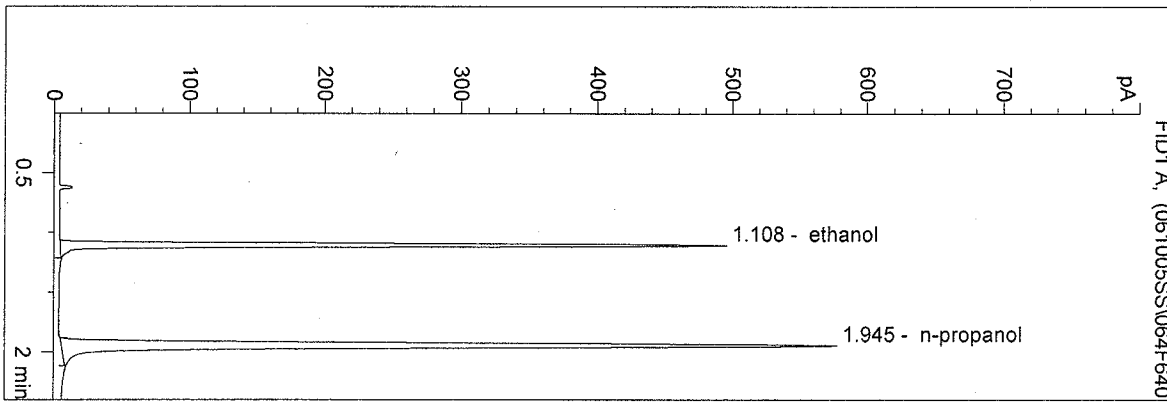


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/5/2006 2:51:45 PM
 Instrument 5
 DB-ALC2

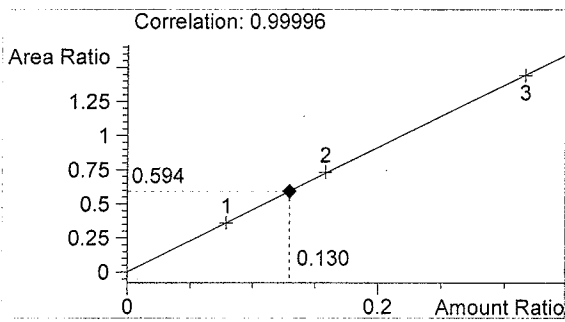
06039-3
 SARAH SWENSON

vial # 64

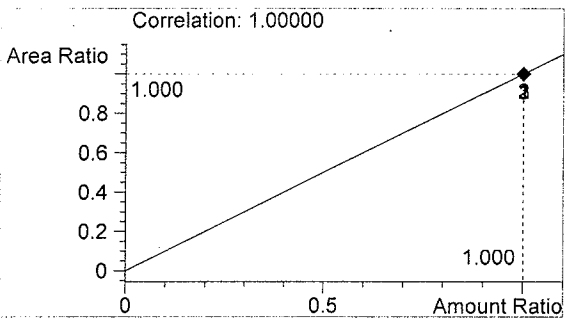


#	Compound	Area	RT
1	ethanol	1006	1.108
2	n-propanol	1695	1.945

Totals:



ethanol 0.130 g/100ml

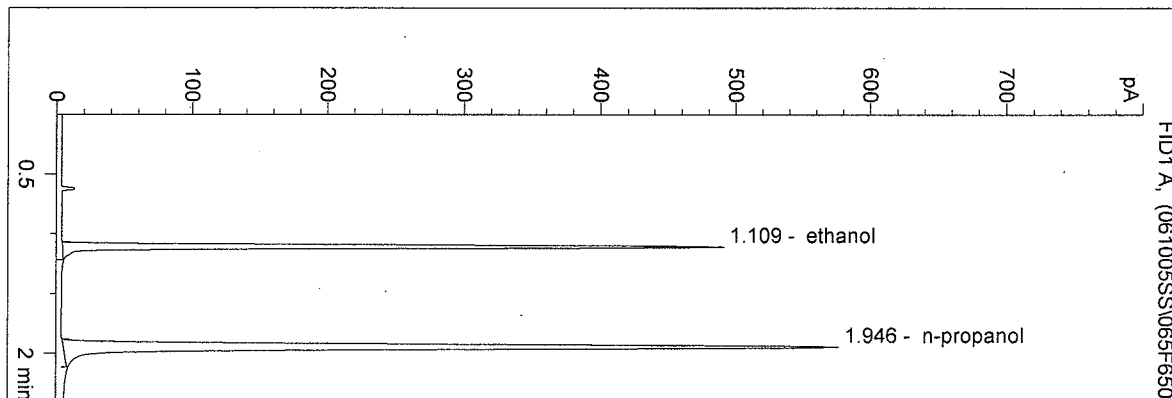


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 10/5/2006 2:56:22 PM
 Instrument 5
 DB-ALC2

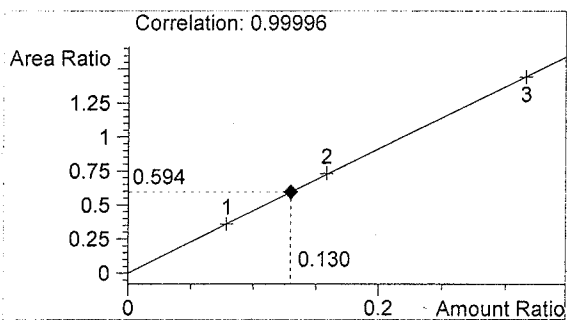
06039-4
 SARAH SWENSON

vial # 65

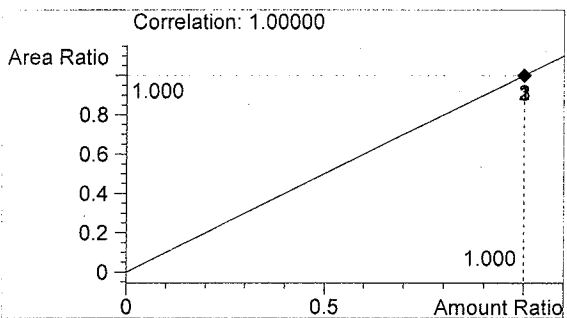


#	Compound	Area	RT
1	ethanol	1008	1.109
2	n-propanol	1698	1.946

Totals:



ethanol 0.130 g/100ml

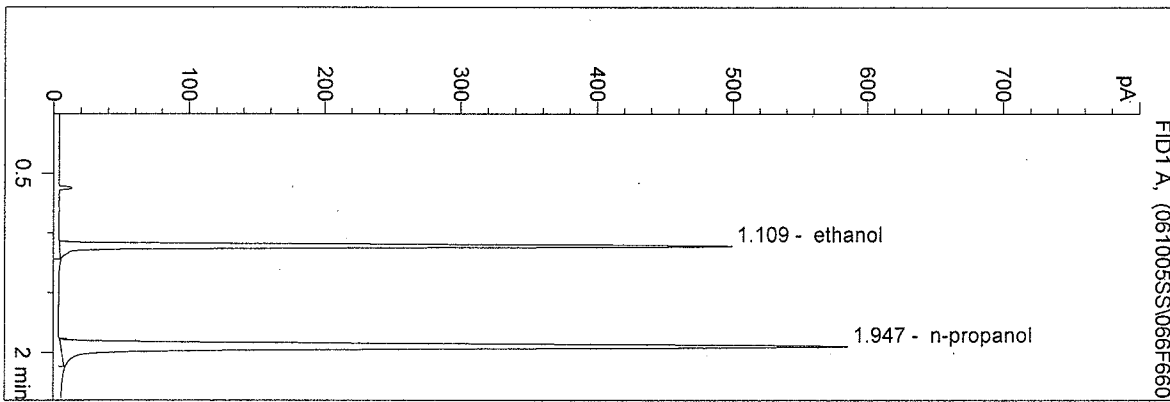


n-propanol 1.000 g/100ml

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 10/5/2006 3:00:04 PM
 Instrument 5
 DB-ALC2

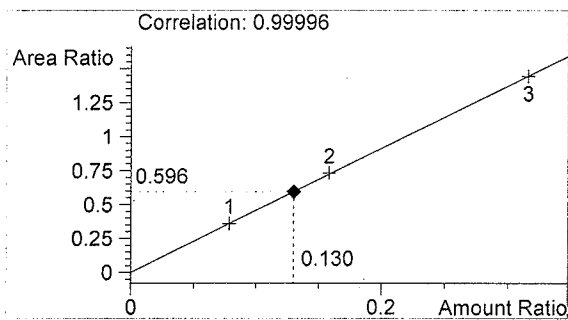
06039-5
 SARAH SWENSON

vial # 66

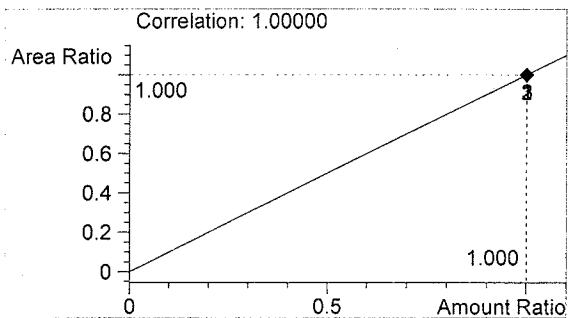


#	Compound	Area	RT
1	ethanol	1023	1.109
2	n-propanol	1718	1.947

Totals:



ethanol 0.130 g/100ml

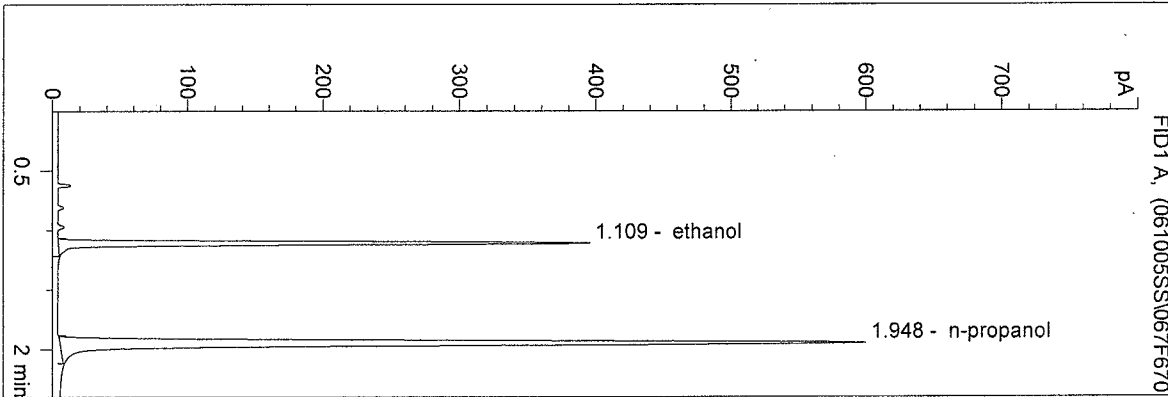


n-propanol 1.000 g/100ml

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 10/5/2006 3:03:37 PM
 Instrument 5
 DB-ALC2

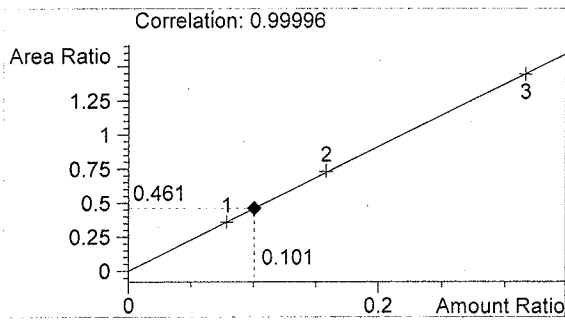
0.10 CTL-SS
 SARAH SWENSON

vial # 67

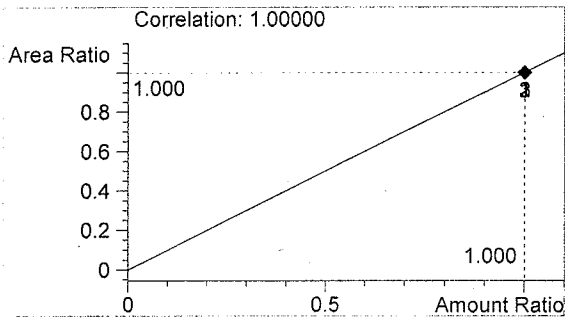


#	Compound	Area	RT
1	ethanol	812	1.109
2	n-propanol	1762	1.948

Totals:



ethanol 0.101 g/100ml

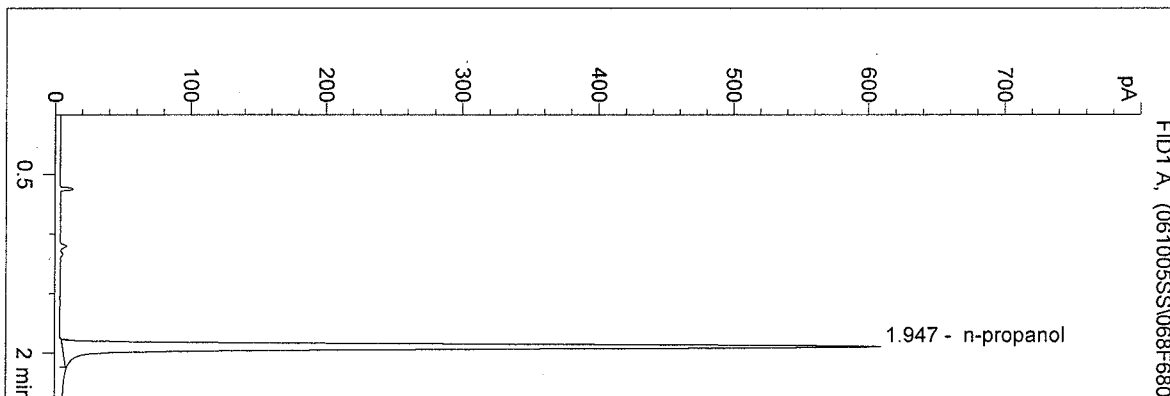


n-propanol 1.000 g/100ml

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 10/5/2006 3:08:24 PM
 Instrument 5
 DB-ALC2

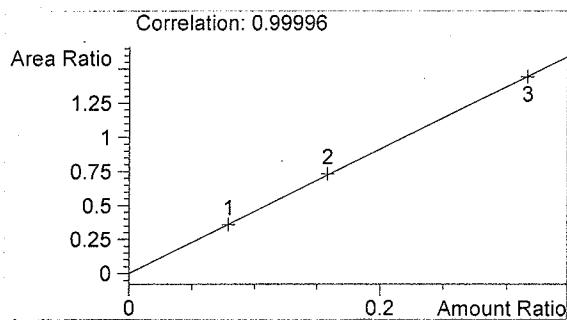
BLANK
 SARAH SWENSON

vial # 68

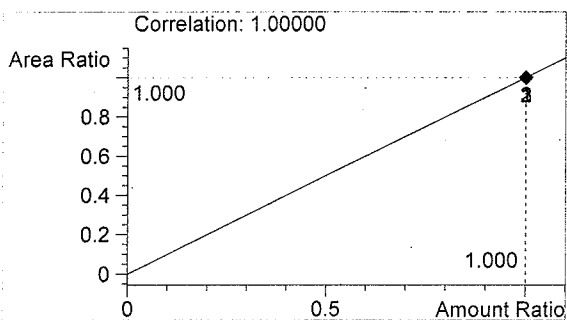


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1785	1.947

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml