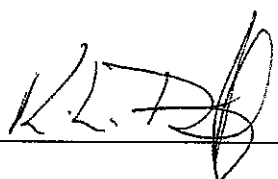
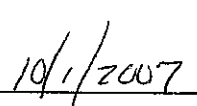
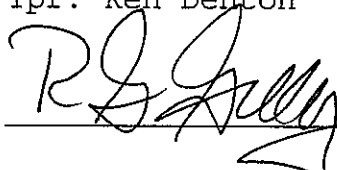
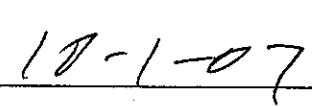


Notice of Simulator Solution File Review

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.

	
Tpr. Ken Denton	Date
	
Rod G. Gullberg	Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DUBENTON / ROD GULLBERG Date 9-28-07
Location TOX LAB SEATTLE Batch Number 07003

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

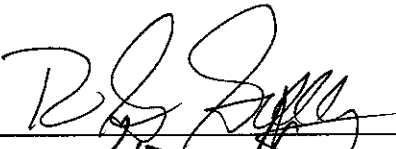
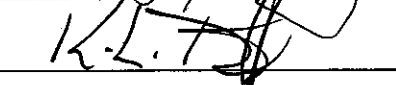
External Control Information

(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: 9-28-07
Reviewer Signature:  Date: 9/28/2007

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

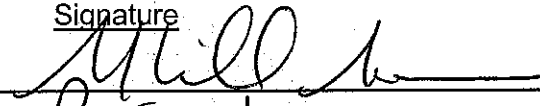
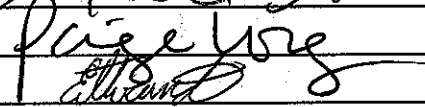
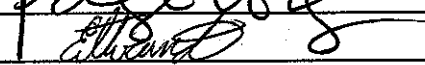
Preparation and certification of **0.08** g/210L Quality Assurance solution
 Batch number **07003** Date: 1/10/2007
 Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	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	0.100	0.097	0.100													
2	0.099	0.099	0.101													
3	0.100	0.099	0.100													
4	0.100	0.098	0.101													
5	0.101	0.099	0.101													
Ctrl	0.101	0.098	0.101													

External Control:
 Lot #: A041837 Exp date: 4/2010
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.0997 g/100 mL
 SD: 0.00118
 Range (3xSD): 0.0962 to 0.1032
 Precision CV (%): 1.1787 %

Equivalent vapor concent.: 0.0811 g/210L

Analyst	Name	Signature	Date
1	Sarah M. Swenson		01/11/2007
2	Paige Long		01/10/2007
3	Estuardo J. Miranda		01/10/2007
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Sarah M. Swenson according to the approved protocol

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

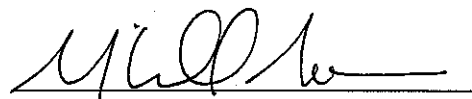
I, Sarah M Swenson, do certify under penalty of perjury that:

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

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


The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0997 grams per 100ml.

Dated: 5/4/2007
Seattle, WA


Sarah M Swenson
Forensic Toxicologist

SMS/jr
SMSQA

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.


10/1/07

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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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

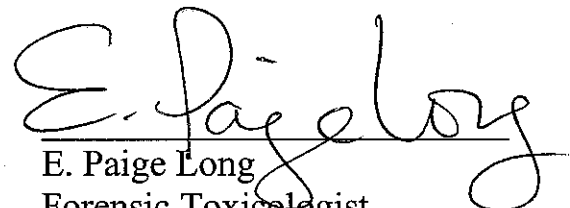
I, E. Paige Long, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

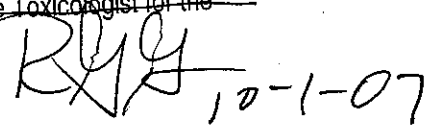
The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0997 grams per 100ml.

Dated: 5/4/2007
Seattle, WA


E. Paige Long
Forensic Toxicologist

EPL/jr
PLQA

~~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.~~





CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

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

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

I possess the following qualifications: Bachelor of Science in Chemistry, Master of Science in Zoology and nine years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0997 grams per 100ml.

Dated: 5/4/2007
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
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.

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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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 07003, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.08 grams per 100ml.

Dated: 1/18/2007
Seattle, WA

A handwritten signature in black ink, appearing to read "S. Swenson", written over a horizontal line.

Sarah Swenson
Forensic Toxicologist

SMS/jr
SSQA

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

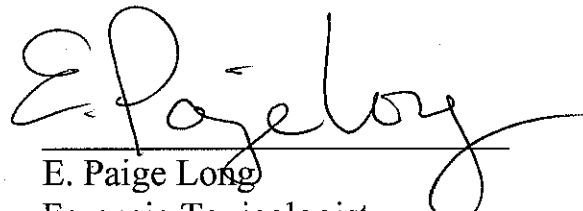
I, E. Paige Long, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.08 grams per 100ml.

Dated: 1/18/2007
Seattle, WA


E. Paige Long
Forensic Toxicologist

EPL/jr
PLQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

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

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

I possess the following qualifications: Bachelor of Science in Chemistry, Master of Science in Zoology, eight years experience in biochemical research and eight years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 01/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.08 grams per 100ml.

Dated: 01/18/2007
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
EMQA

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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SUBJECT: CORRECTION TO QUALITY ASSURANCE SOLUTION CERTIFICATES

DATE: May 4 2007

FROM: Ms. Ann Marie Gordon, Toxicology Laboratory Division

On January 18, 2007, Quality Assurance Solution Certifications were prepared and signed for batch numbers 07002, 07003, 07004 and 07005.

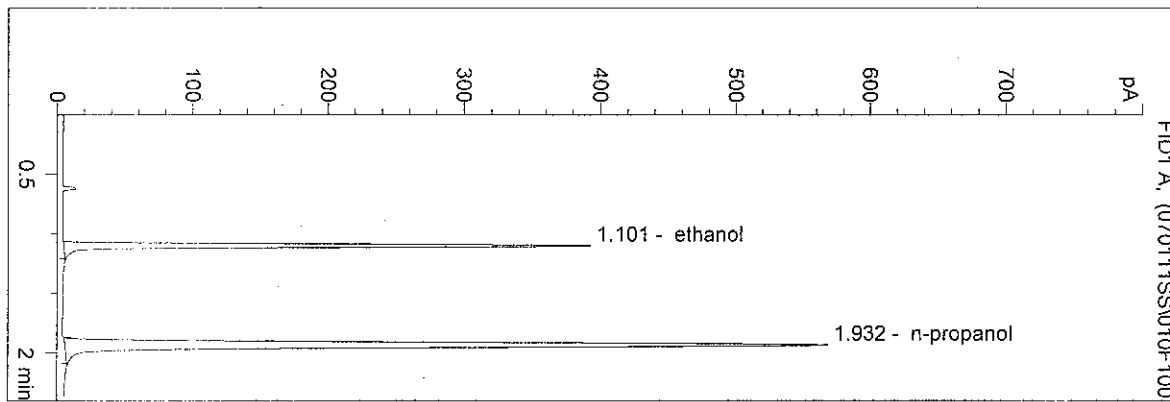
The mean solution concentration was incorrectly annotated for these solutions on the certification letters. The correct numbers are on the certification worksheets and the solutions were properly prepared in accordance with Standard Operating Procedure (SOP) and met all established criteria for acceptance.

This was an administrative error only, and in no way affects the legal or scientific supportability of the QA solutions. The original incorrect certification letters will be removed from the WEBDMS site and replaced with the corrected letters.

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:32:21 PM
 Instrument 5
 DB-ALC2

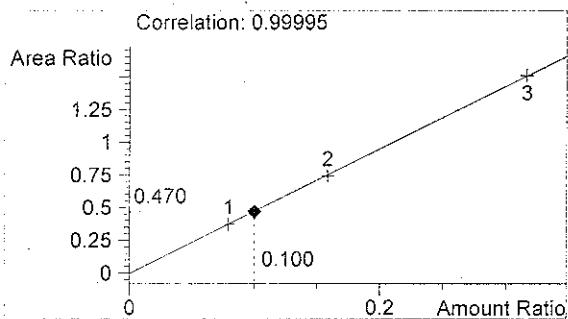
07003-1
 Sarah Swenson

vial # 10

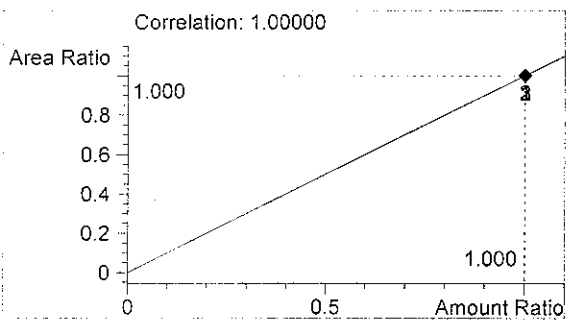


#	Compound	Area	RT
1	ethanol	777	1.101
2	n-propanol	1651	1.932

Totals:



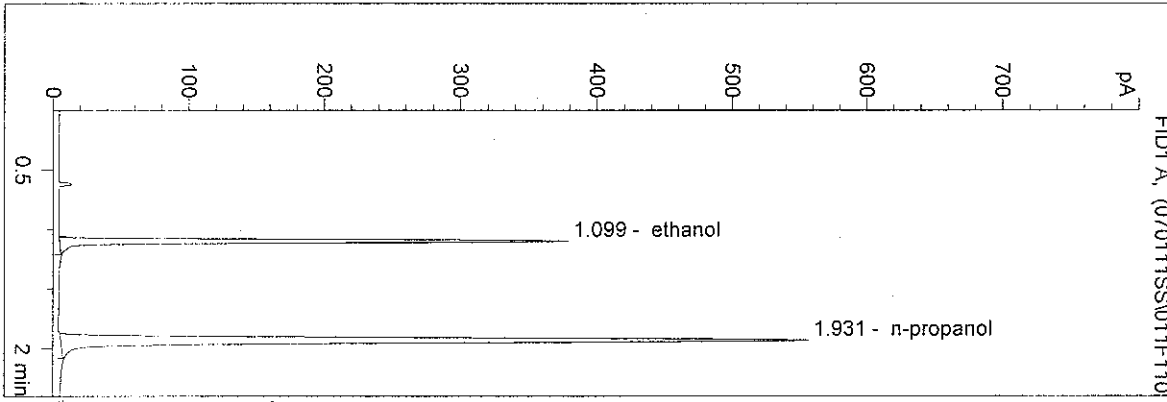
ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

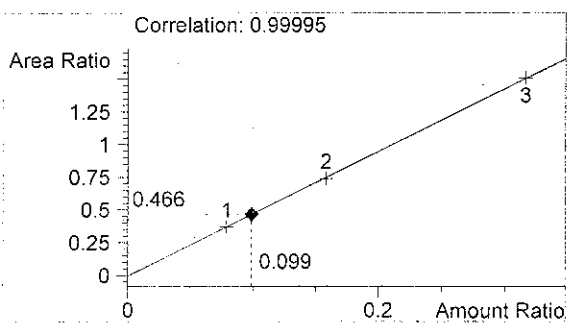
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 Instrument 5
 DB-ALC2

07003-2
 Sarah Swenson
 vial # 11

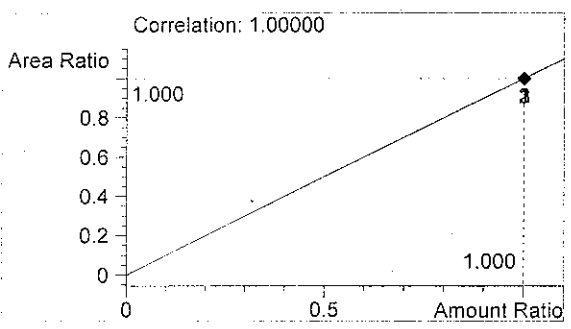


#	Compound	Area	RT
1	ethanol	754	1.099
2	n-propanol	1617	1.931

Totals:



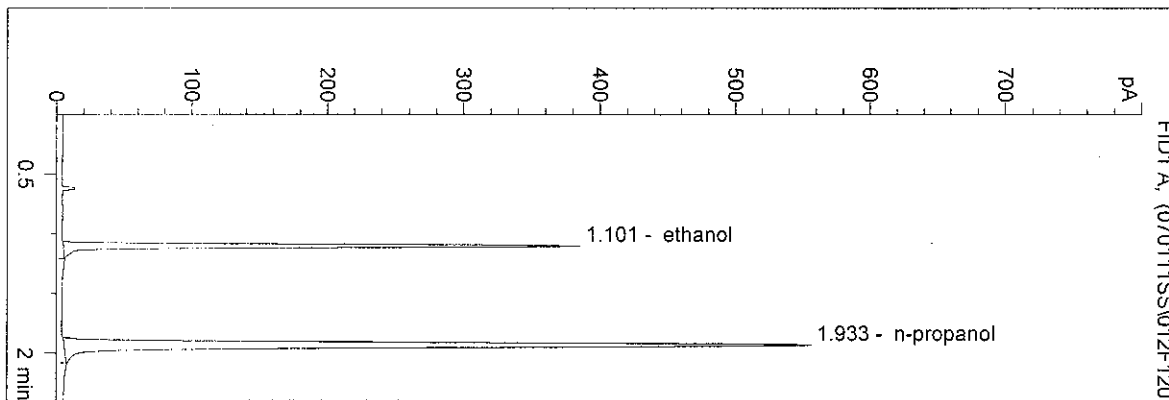
ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

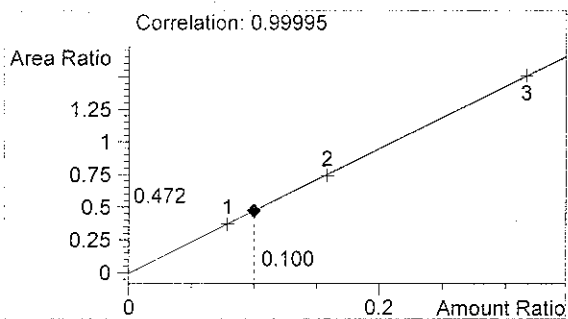
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 1/11/2007 2:38:02 PM
 Instrument 5
 DB-ALC2

07003-3
 Sarah Swenson
 vial # 12

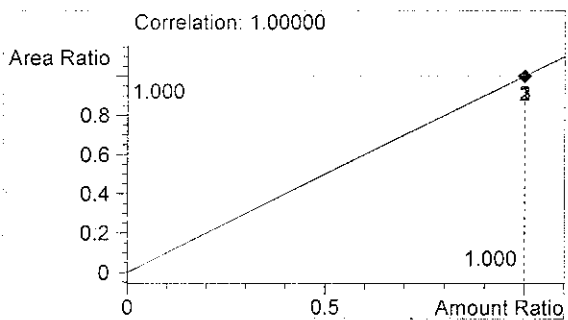


#	Compound	Area	RT
1	ethanol	763	1.101
2	n-propanol	1616	1.933

Totals:



ethanol 0.100 g/100ml

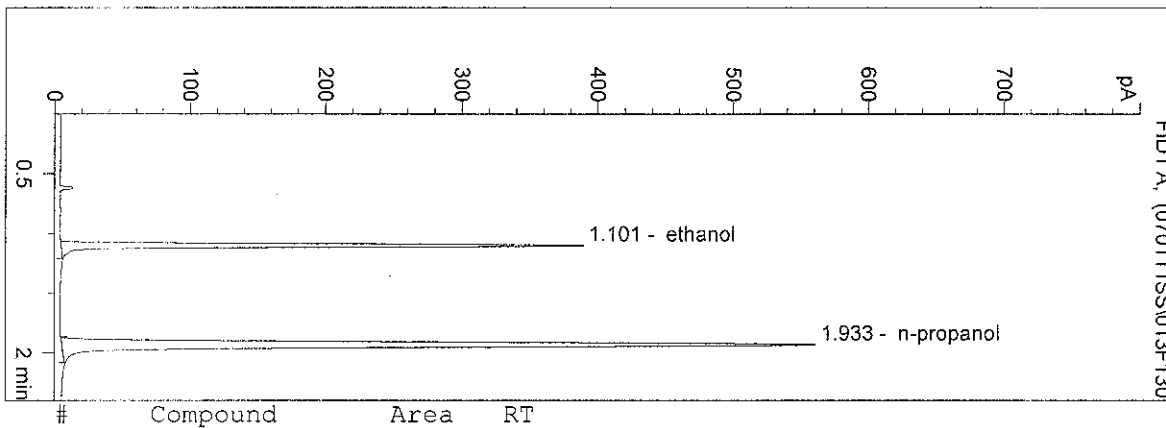


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:41:17 PM
 Instrument 5
 DB-ALC2

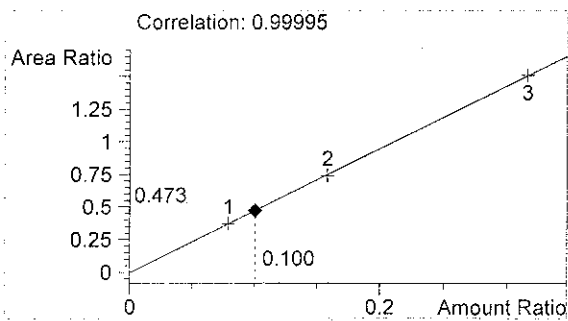
07003-4
 Sarah Swenson

vial # 13

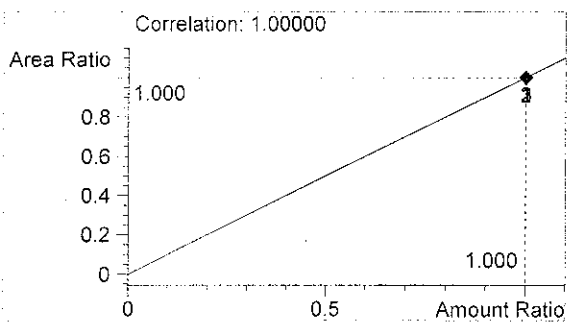


#	Compound	Area	RT
1	ethanol	773	1.101
2	n-propanol	1634	1.933

Totals:



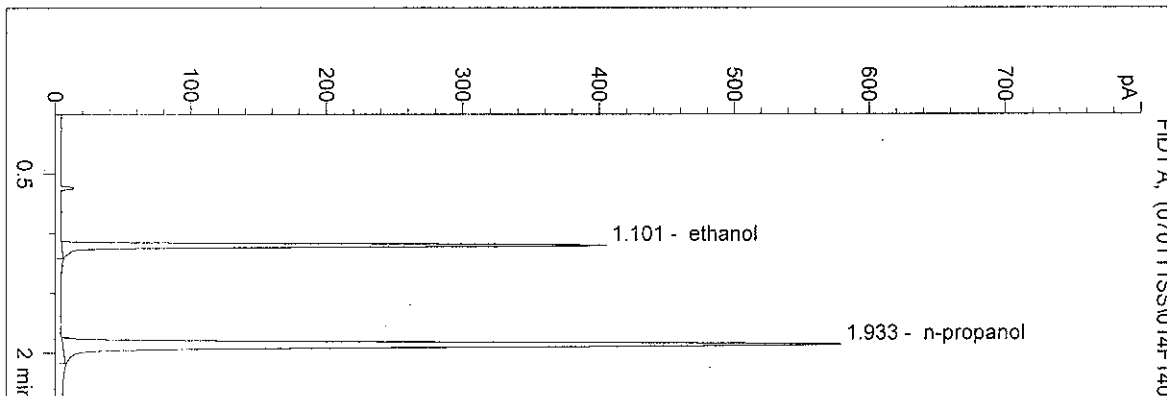
ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

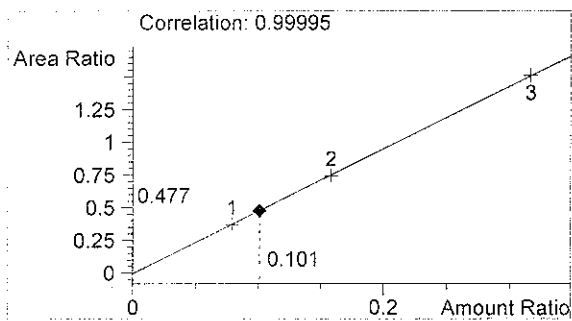
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 Instrument 5
 DB-ALC2

07003-5
 Sarah Swenson
 vial # 14

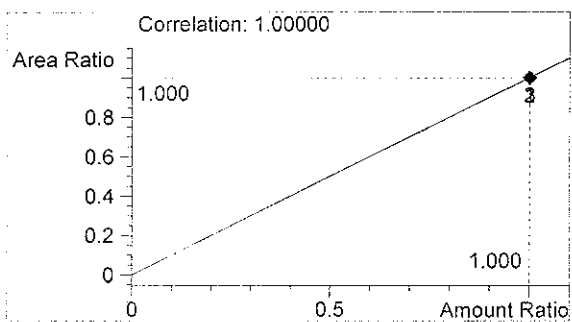


#	Compound	Area	RT
1	ethanol	803	1.101
2	n-propanol	1683	1.933

Totals:



ethanol 0.101 g/100ml

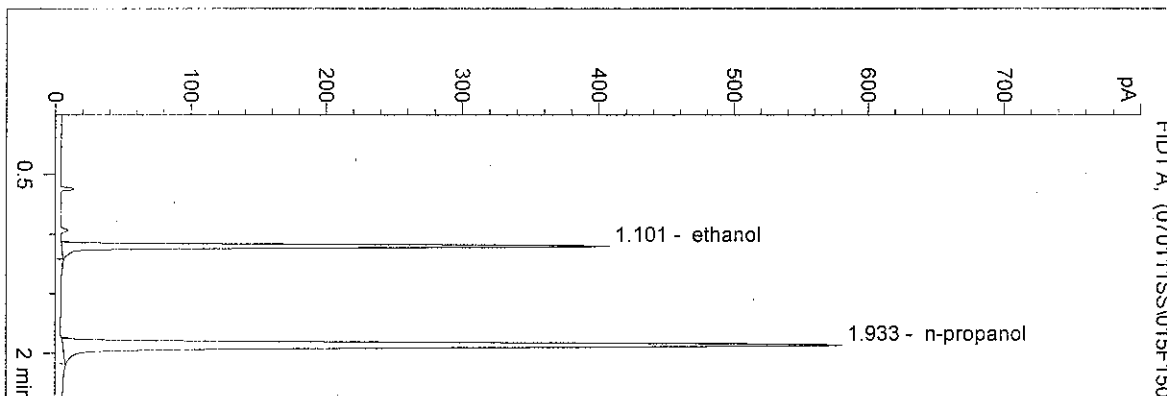


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:47:14 PM
 Instrument 5
 DB-ALC2

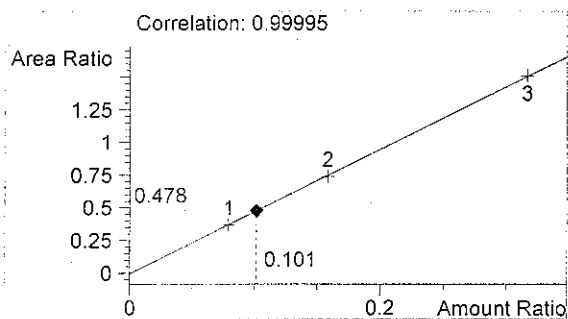
0.10 CTL-SS
 Sarah Swenson

vial # 15

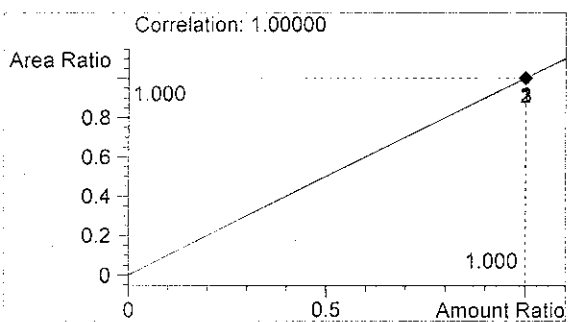


#	Compound	Area	RT
1	ethanol	809	1.101
2	n-propanol	1692	1.933

Totals:



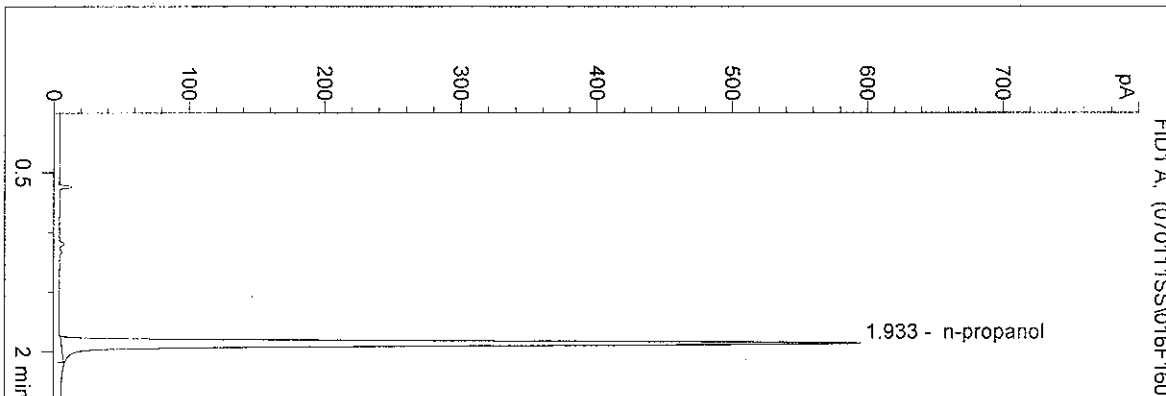
ethanol 0.101 g/100ml



n-propanol 1.000 g/100ml

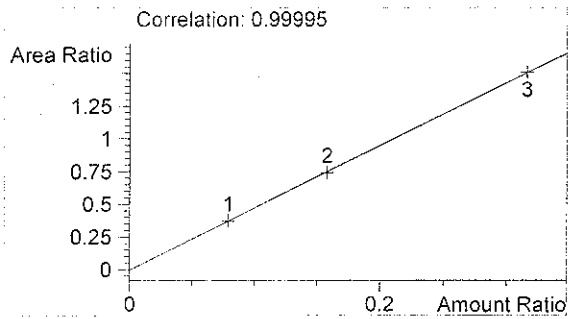
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 1/11/2007 2:50:19 PM
 Instrument 5
 DB-ALC2

BLANK
 Sarah Swenson
 vial # 16

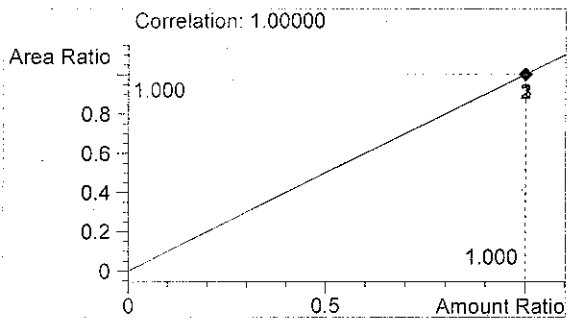


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1731	1.933

Totals:



ethanol 0.000 g/100ml

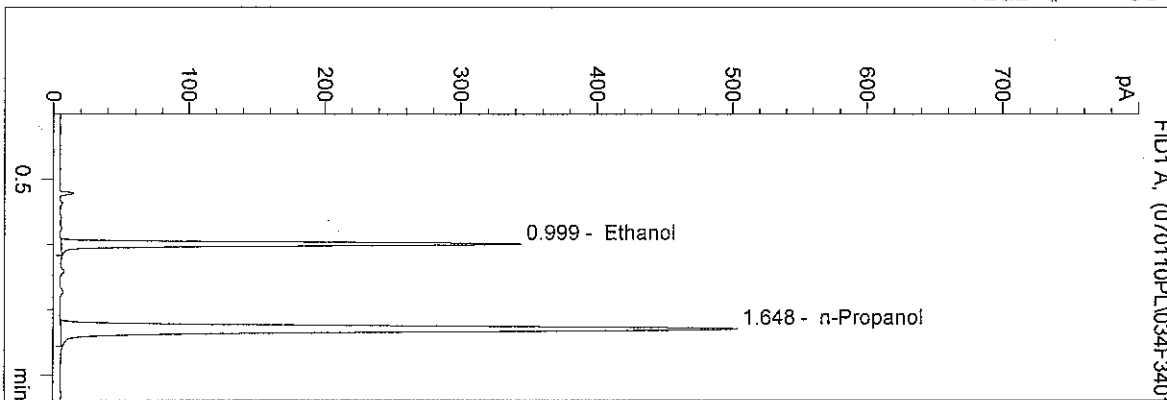


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:21:24 PM
 Instrument 4
 DB-ALC1

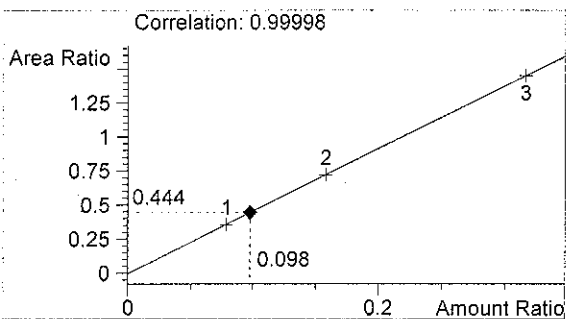
0.10CTL
 P LONG

vial # 34

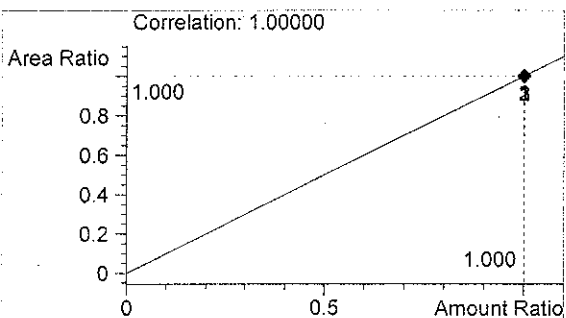


#	Compound	Area	RT
1	Ethanol	697	0.999
2	n-Propanol	1569	1.648

Totals:



Ethanol 0.098 g/100ml

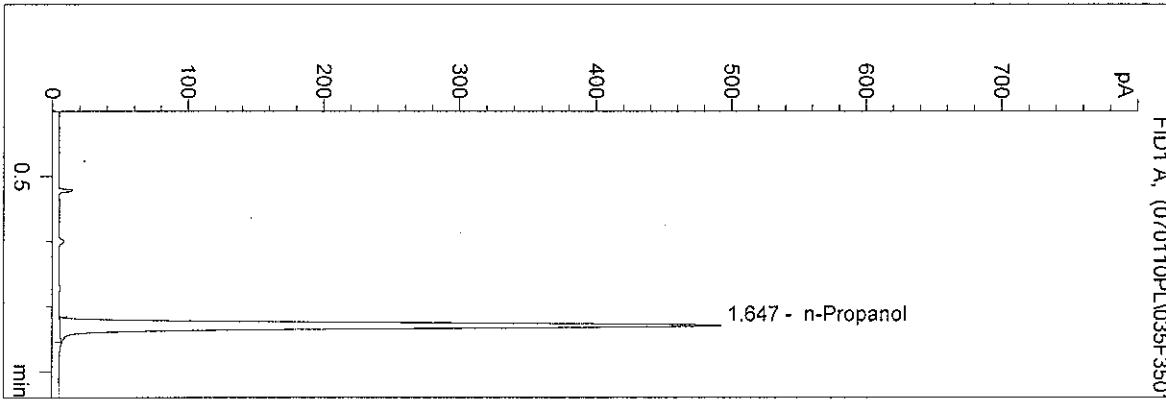


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:24:38 PM
 Instrument 4
 DB-ALC1

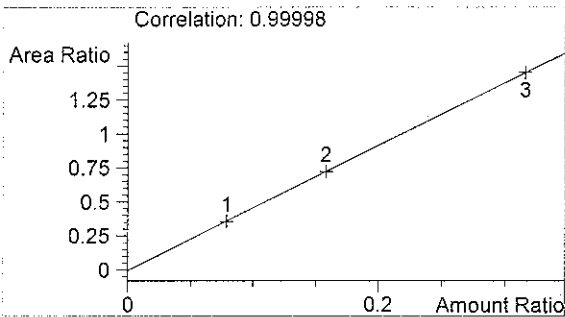
BLANK
 P LONG

vial # 35

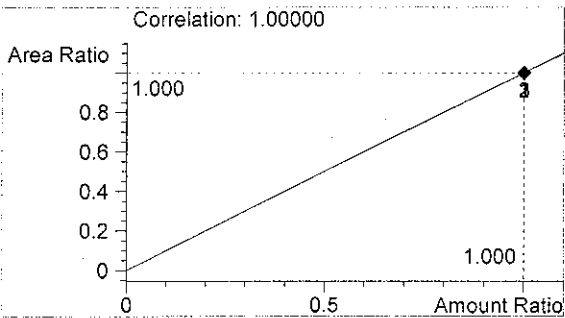


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1526	1.647

Totals:



Ethanol 0.000 g/100ml

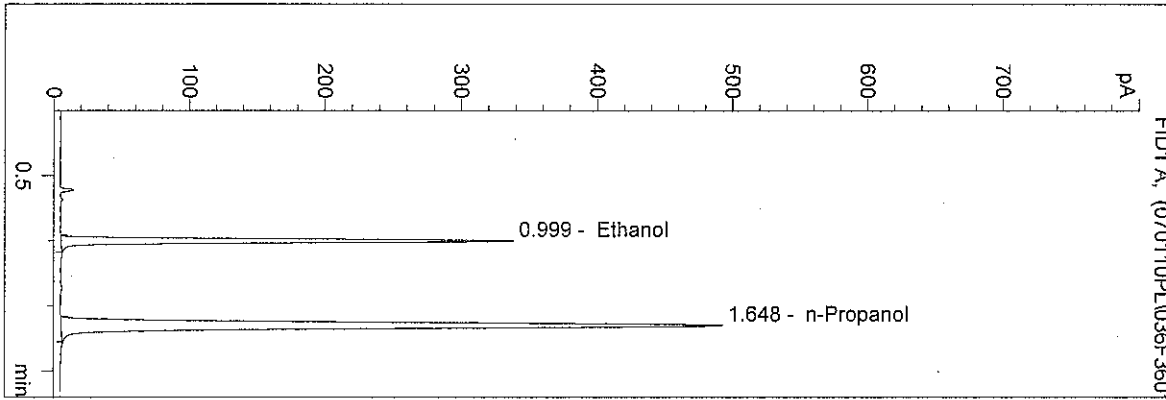


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:27:51 PM
 Instrument 4
 DB-ALC1

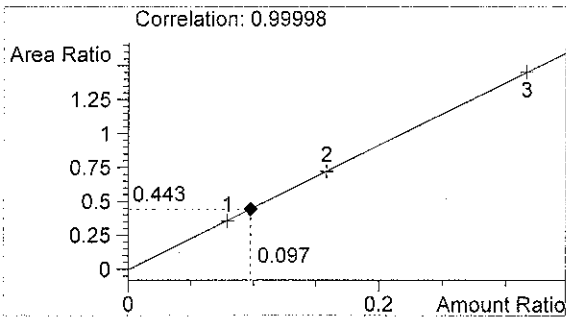
QA 07003
 P LONG

vial # 36

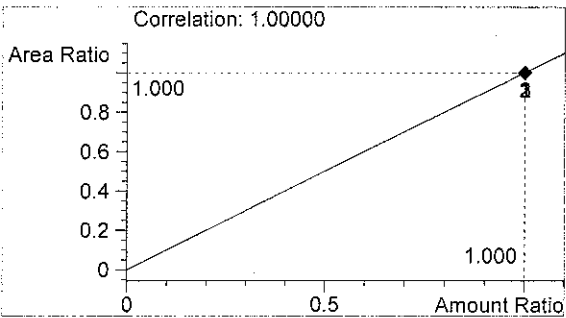


#	Compound	Area	RT
1	Ethanol	679	0.999
2	n-Propanol	1533	1.648

Totals:



Ethanol 0.097 g/100ml

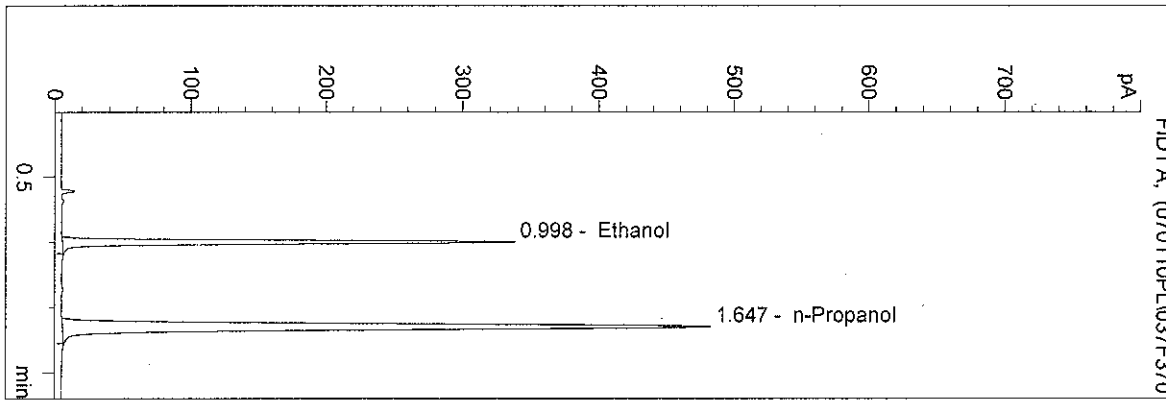


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:33:26 PM
 Instrument 4
 DB-ALC1

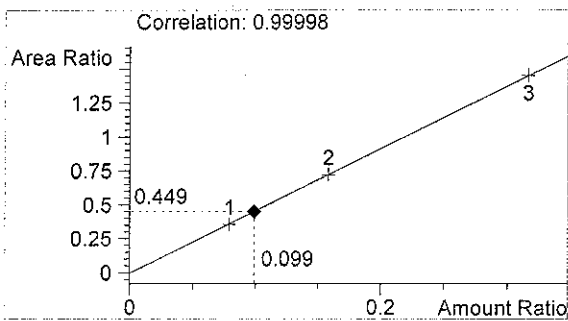
QA 07003
 P LONG

vial # 37

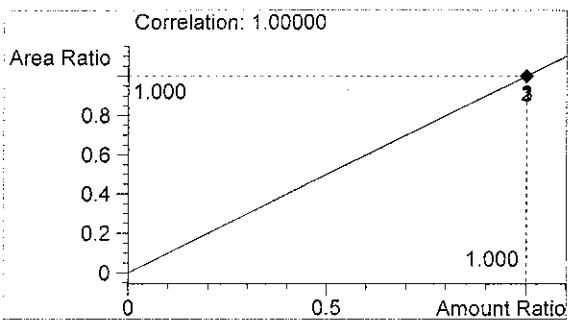


#	Compound	Area	RT
1	Ethanol	672	0.998
2	n-Propanol	1496	1.647

Totals:



Ethanol 0.099 g/100ml

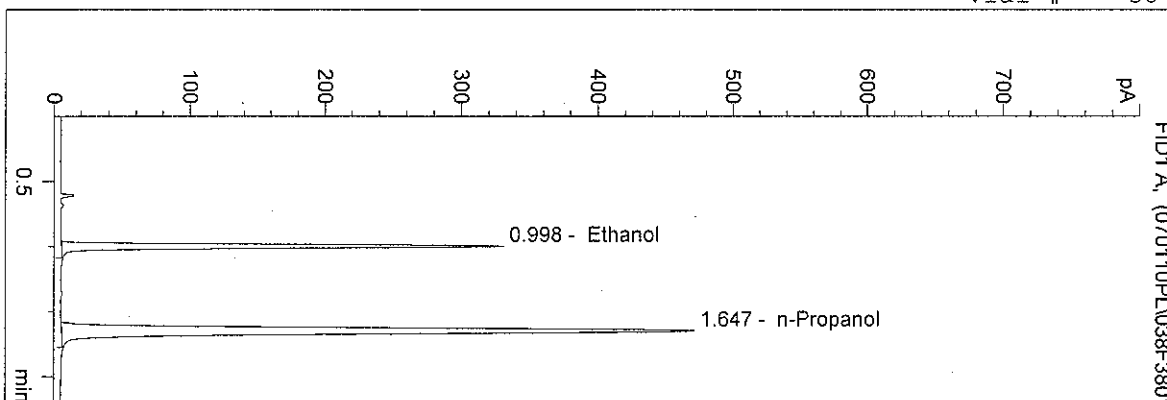


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:36:41 PM
 Instrument 4
 DB-ALC1

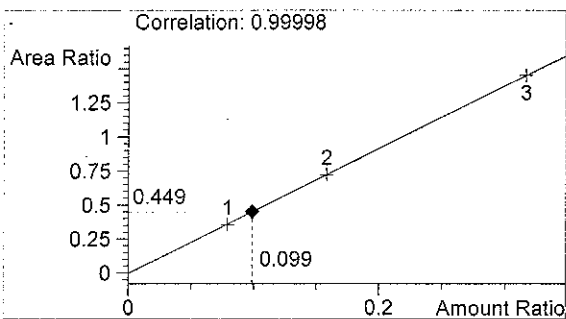
QA 07003
 P LONG

vial # 38

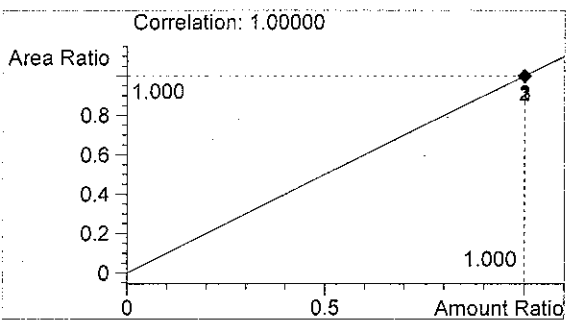


#	Compound	Area	RT
1	Ethanol	658	0.998
2	n-Propanol	1464	1.647

Totals:



Ethanol 0.099 g/100ml

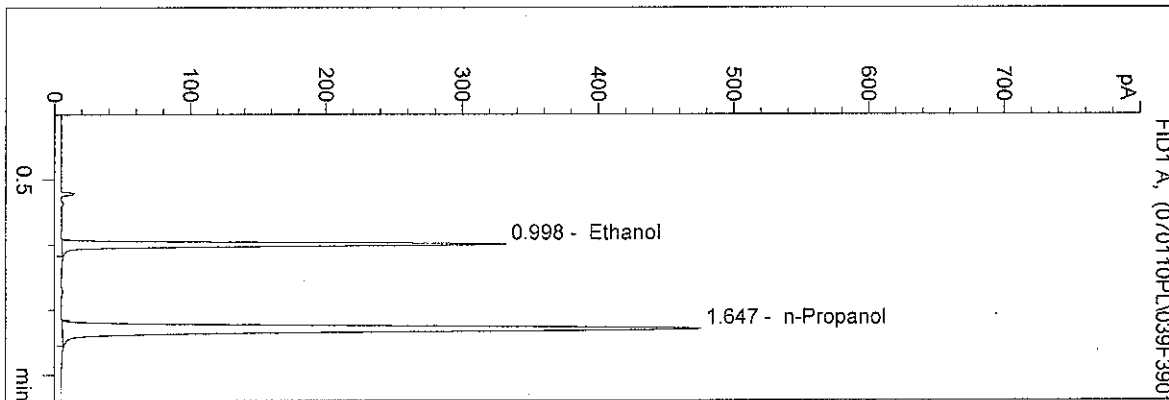


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:39:59 PM
 Instrument 4
 DB-ALC1

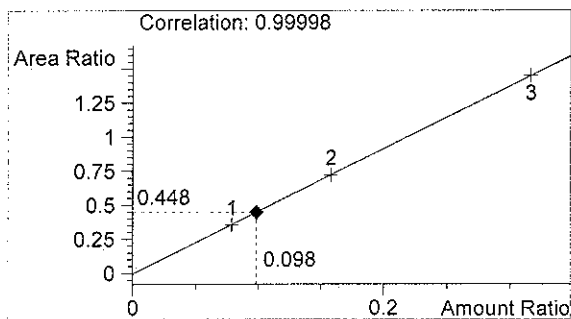
QA 07003
 P LONG

vial # 39

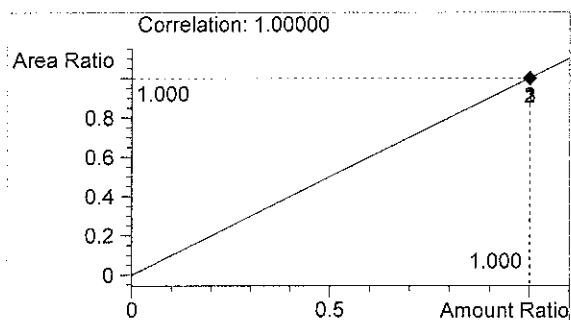


#	Compound	Area	RT
1	Ethanol	660	0.998
2	n-Propanol	1474	1.647

Totals:



Ethanol 0.098 g/100ml

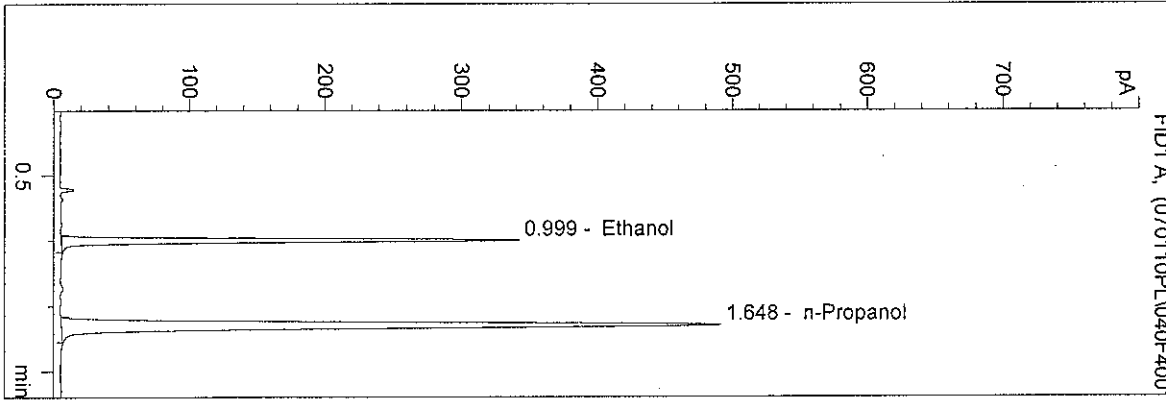


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:43:18 PM
 Instrument 4
 DB-ALC1

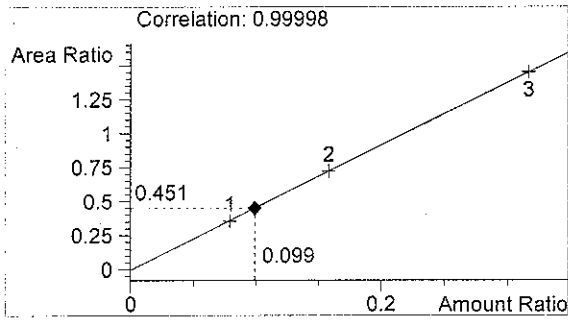
QA 07003
 P LONG

vial # 40

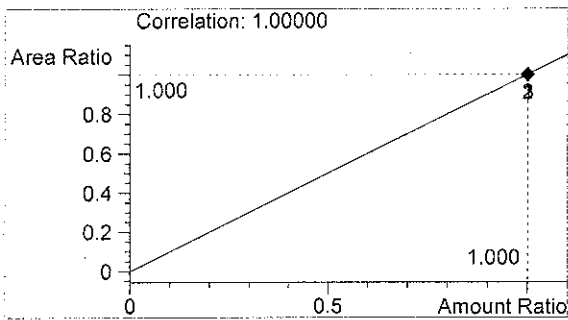


#	Compound	Area	RT
1	Ethanol	689	0.999
2	n-Propanol	1529	1.648

Totals:



Ethanol 0.099 g/100ml

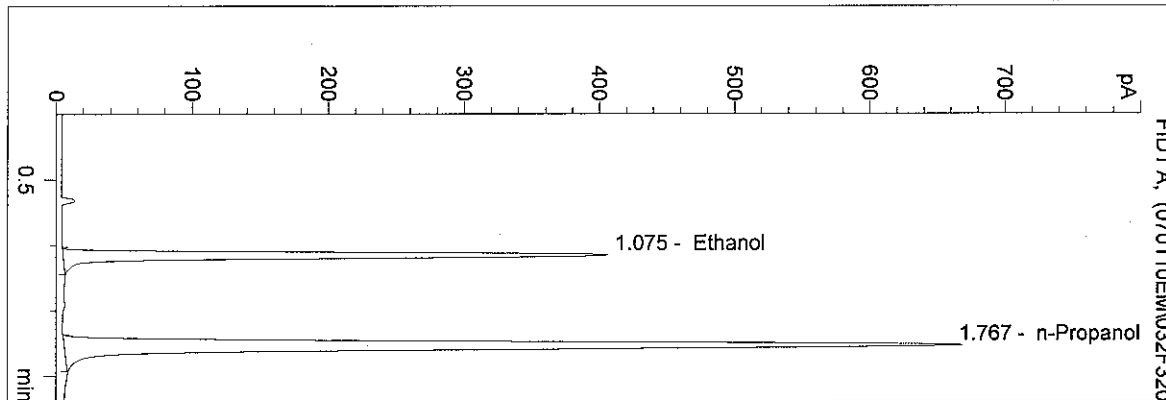


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:54:59 PM
 Instrument 1
 DB ALC 1

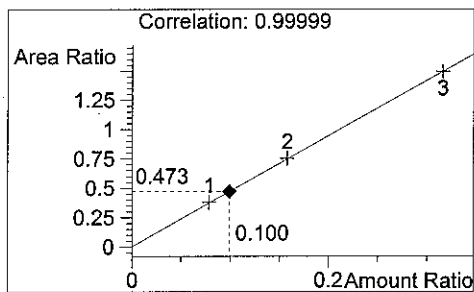
QA Sol 07003-1
 Estuardo J.Miranda

vial # 32



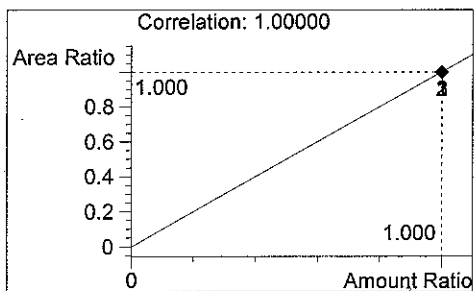
#	Compound	Area	RT
1	Ethanol	1254	1.075
2	n-Propanol	2648	1.767

Tot



Ethanol

0.100 g/100ml



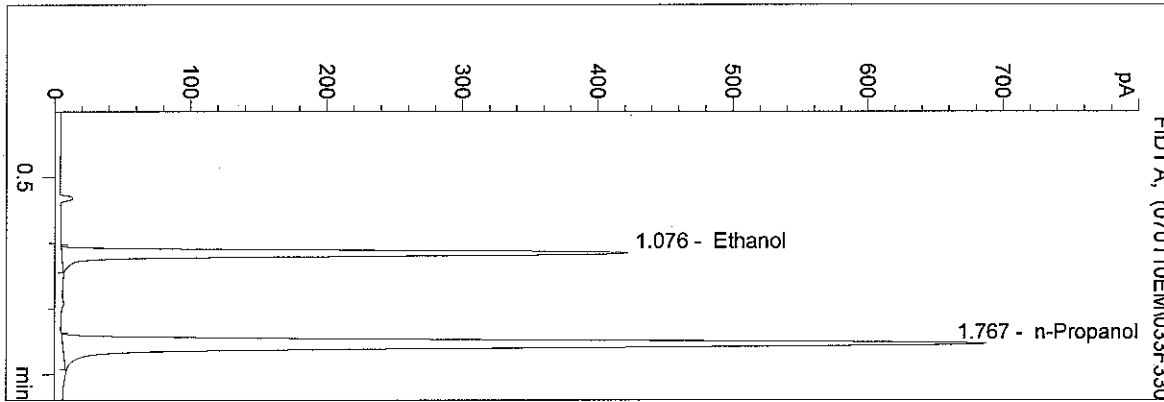
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:58:04 PM
 Instrument 1
 DB ALC 1

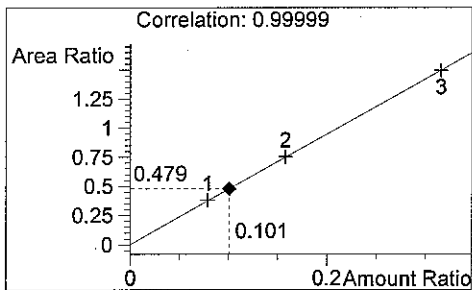
QA Sol 07003-2
 Estuardo J.Miranda

vial # 33



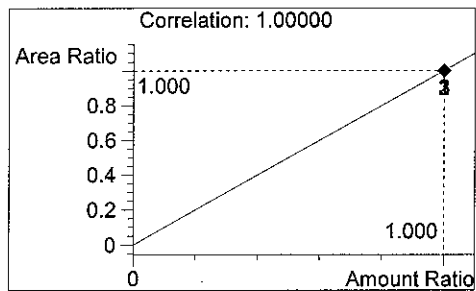
#	Compound	Area	RT
1	Ethanol	1304	1.076
2	n-Propanol	2721	1.767

Tot



Ethanol

0.101 g/100ml



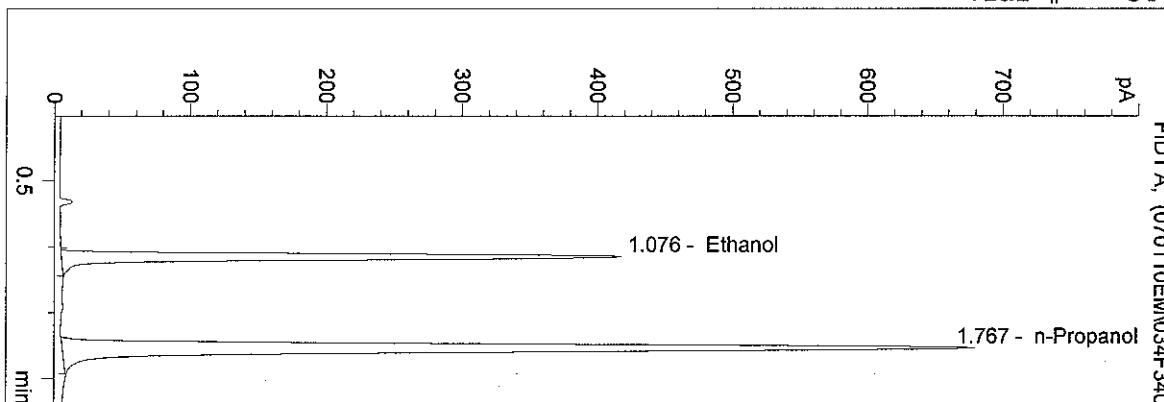
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:01:09 PM
 Instrument 1
 DB ALC 1

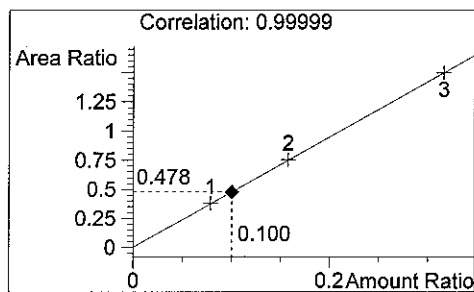
QA Sol 07003-3
 Estuardo J.Miranda

vial # 34



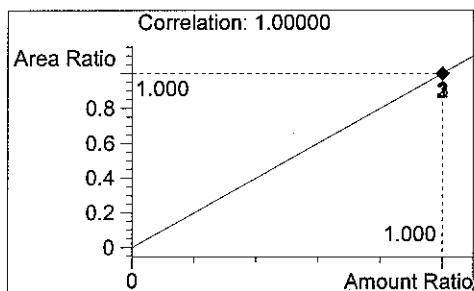
#	Compound	Area	RT
1	Ethanol	1287	1.076
2	n-Propanol	2693	1.767

Tot



Ethanol

0.100 g/100ml



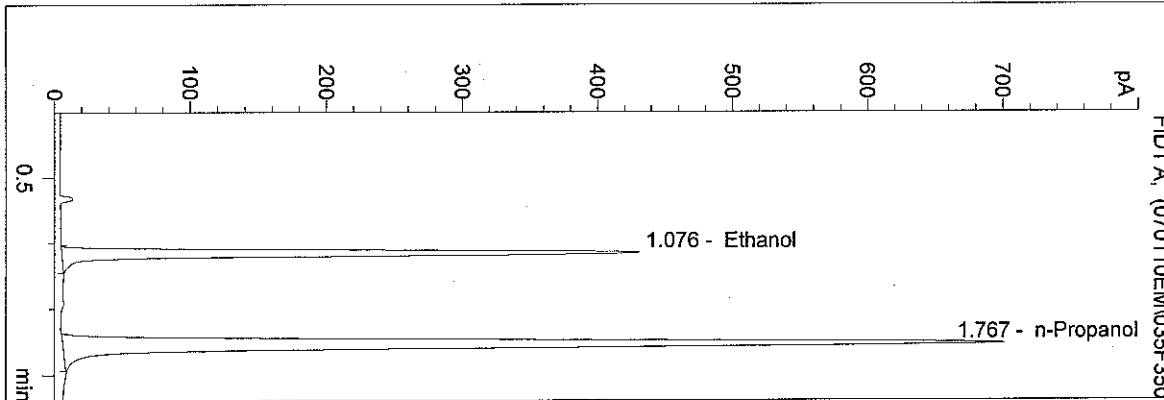
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:04:14 PM
 Instrument 1
 DB ALC 1

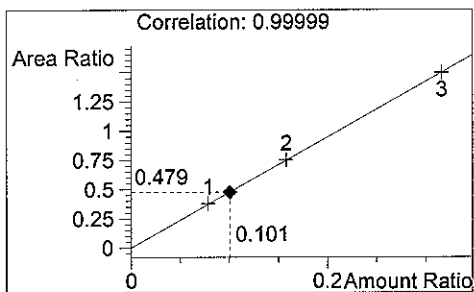
QA Sol 07003-4
 Estuardo J.Miranda

vial # 35



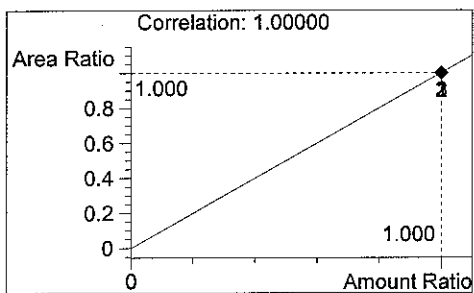
#	Compound	Area	RT
1	Ethanol	1331	1.076
2	n-Propanol	2778	1.767

Tot



Ethanol

0.101 g/100ml



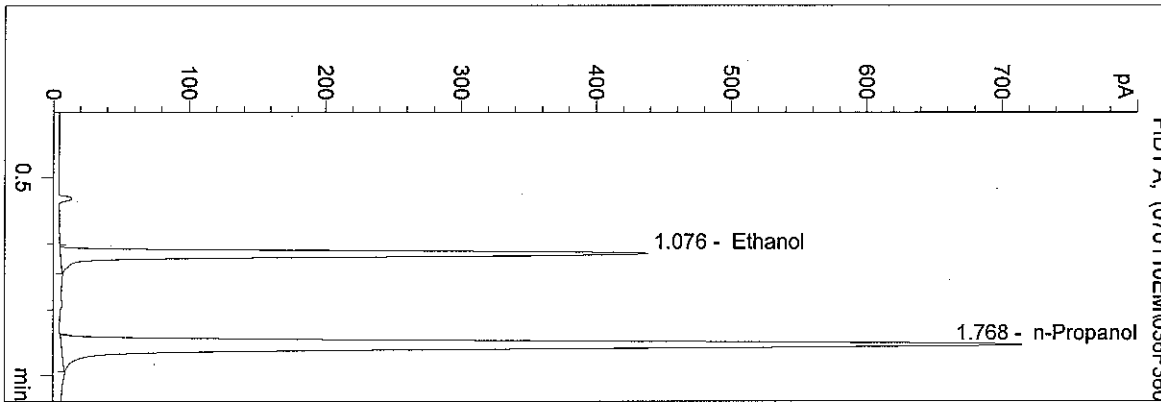
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:07:19 PM
 Instrument 1
 DB ALC 1

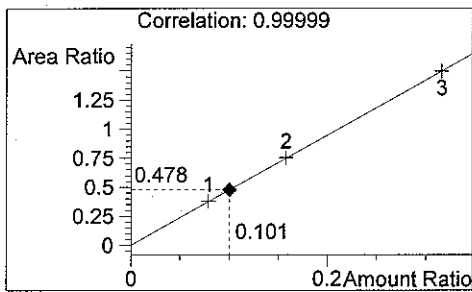
QA Sol 07003-5
 Estuardo J.Miranda

vial # 36



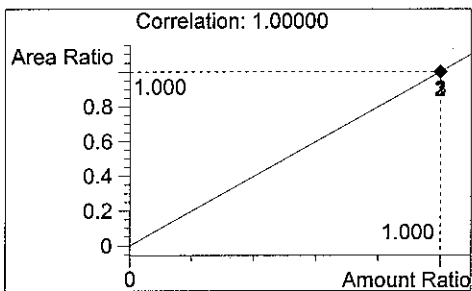
#	Compound	Area	RT
1	Ethanol	1353	1.076
2	n-Propanol	2830	1.768

Tot



Ethanol

0.101 g/100ml



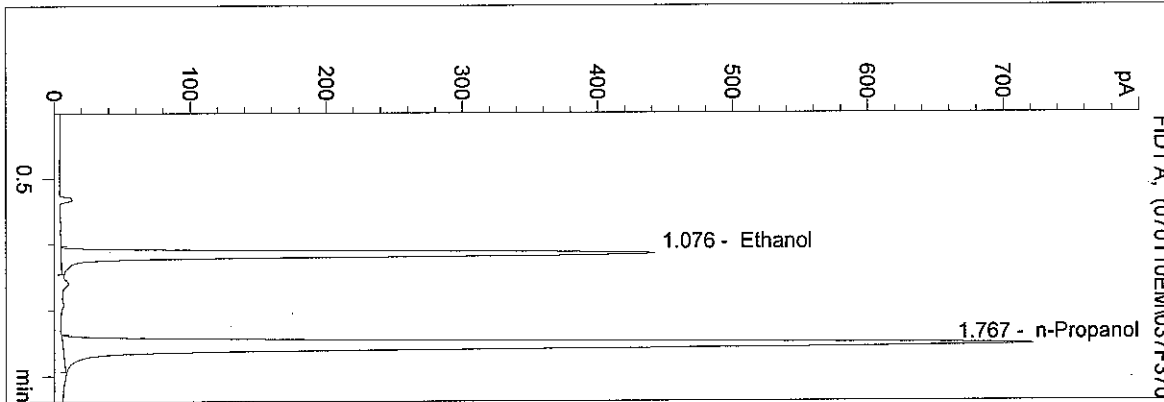
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:10:24 PM
 Instrument 1
 DB ALC 1

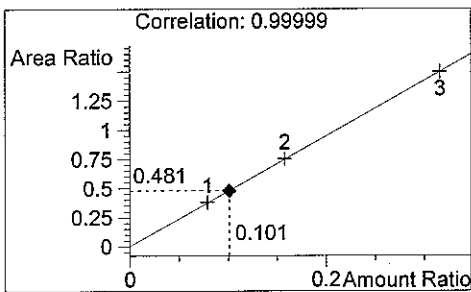
0.100 Control
 Estuardo J.Miranda

vial # 37



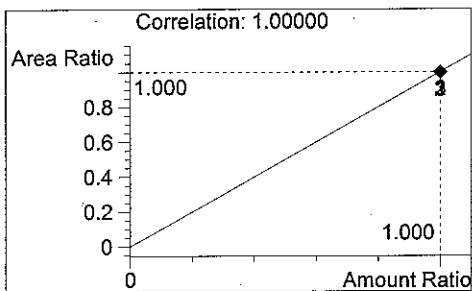
#	Compound	Area	RT
1	Ethanol	1376	1.076
2	n-Propanol	2862	1.767

Tot



Ethanol

0.101 g/100ml



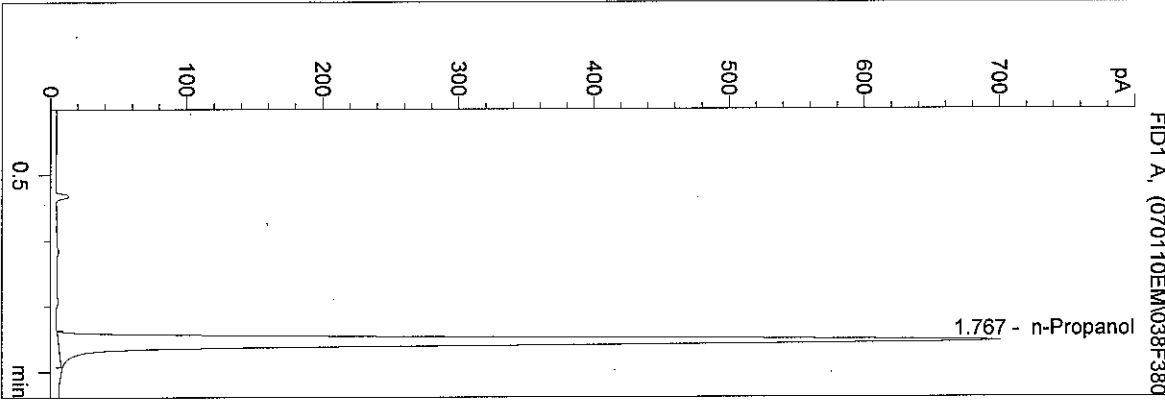
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:13:28 PM
 Instrument 1
 DB ALC 1

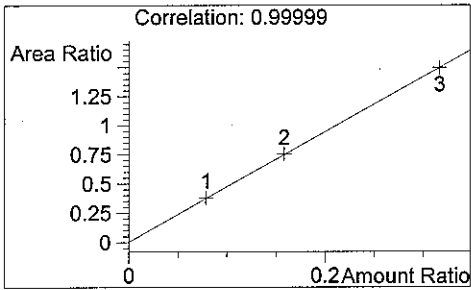
Blank
 Estuardo J.Miranda

vial # 38



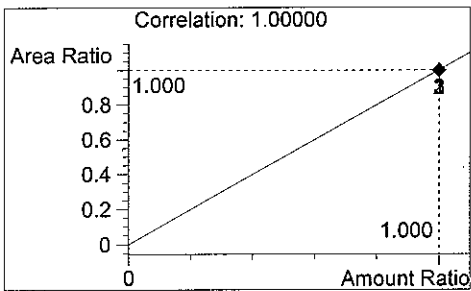
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2780	1.767

Tot



Ethanol

0.000 g/100ml



n-Propanol

1.000 g/100ml