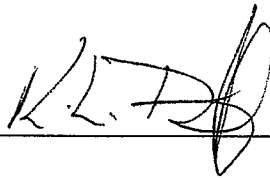
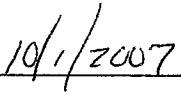
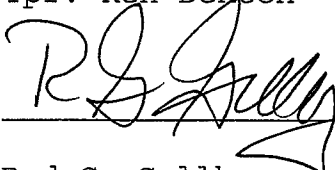
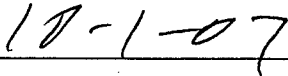


**Notice of Simulator Solution File Review**

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 KEANDENTON / ROA GUMBERG Date 9-28-07  
Location TOX LAB SEATTLE Batch Number 07005

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: R. Gully Date: 9-28-07  
Reviewer Signature: [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

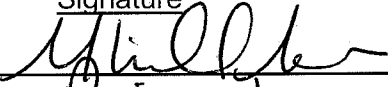
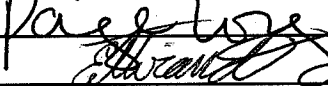

Preparation and certification of **0.15** g/210L Quality Assurance solution  
 Batch number **07005** Date: 1/10/2007  
 Preparation: 42.3 mL of absolute ethyl alcohol diluted to 18 Liters with water  
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	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	0.188	0.187	0.192													
2	0.191	0.188	0.191													
3	0.192	0.189	0.192													
4	0.190	0.187	0.190													
5	0.191	0.188	0.191													
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.: 0.1898 g/100 mL  
 SD: 0.00182  
 Range (3xSD): 0.1843 to 0.1953  
 Precision CV (%): 0.9592 %

**Equivalent vapor concent.:** 0.1543 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

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

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 07005, 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 0.1898 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.

  
10/11/07

CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

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

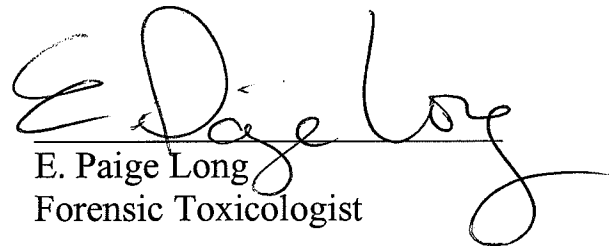
I, E. Paige Long, do certify under penalty of perjury that:

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.

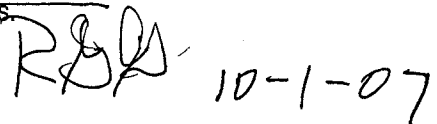
The quality assurance solution, Lot Number 07005, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.1898 grams per 100ml.

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.~~

  
RBL 10-1-07



CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

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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, 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 07005, 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 0.1898 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

STATE OF WASHINGTON  
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WASHINGTON STATE TOXICOLOGY LABORATORY

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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 07005, 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 0.15 grams per 100ml.

Dated: 1/18/2007  
Seattle, WA

  
Sarah Swenson  
Forensic Toxicologist

SMS/jr  
SSQA



CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
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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

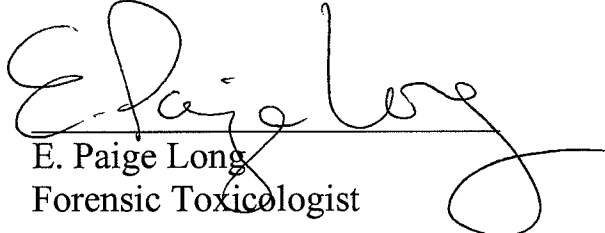
I, E. Paige Long, do certify under penalty of perjury that:

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 07005, 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 0.15 grams per 100ml.

Dated: 1/18/2007  
Seattle, WA

  
E. Paige Long  
Forensic Toxicologist

EPL/jr  
PLQA



CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
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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, 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 07005, 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 0.15 grams per 100ml.

Dated: 01/18/2007  
Seattle, WA

Estuardo J. Miranda  
Forensic Toxicologist

EM/jr  
EMQA

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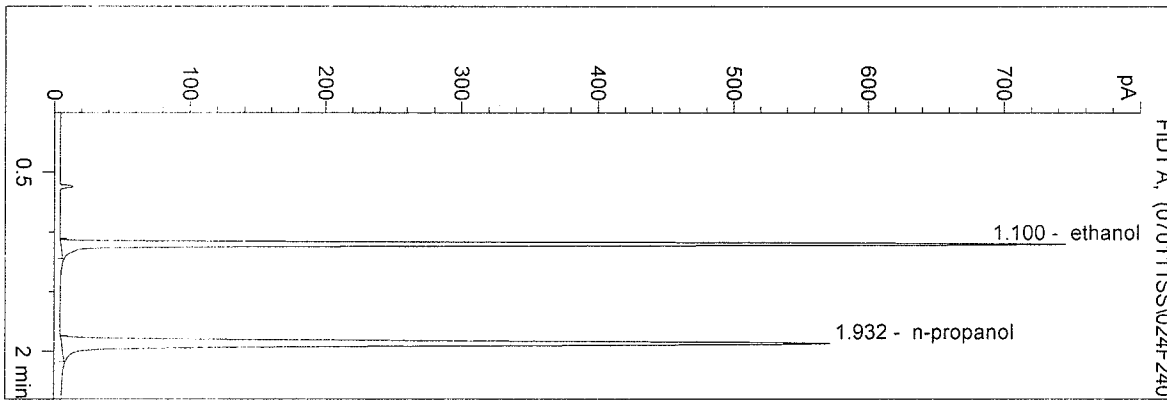
Instrument 5

DB-ALC2

07005-1

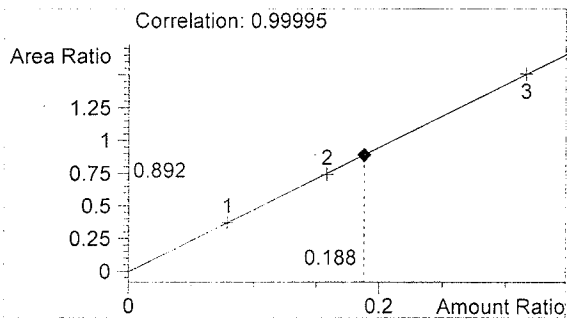
Sarah Swenson

vial # 24

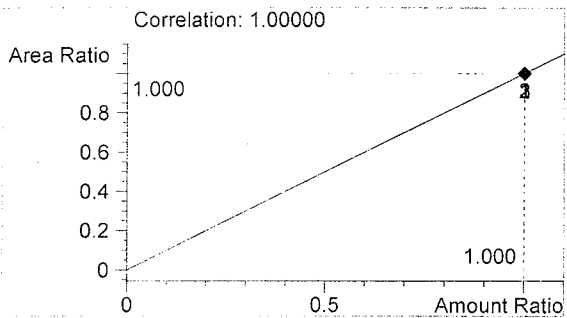


#	Compound	Area	RT
1	ethanol	1485	1.100
2	n-propanol	1665	1.932

Totals:



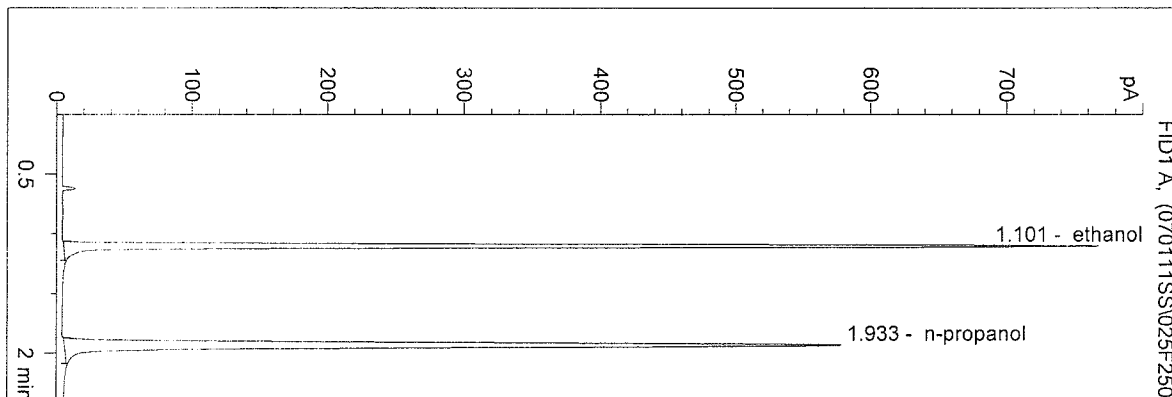
ethanol 0.188 g/100ml



n-propanol 1.000 g/100ml

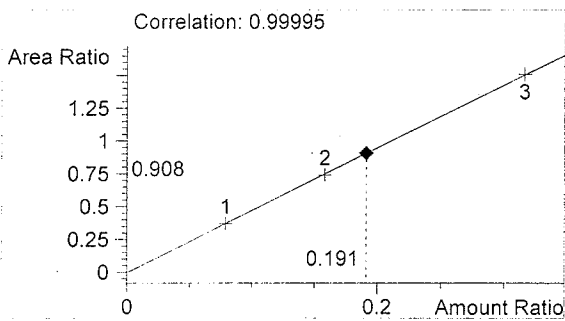
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07005-2  
 Sarah Swenson  
 vial # 25

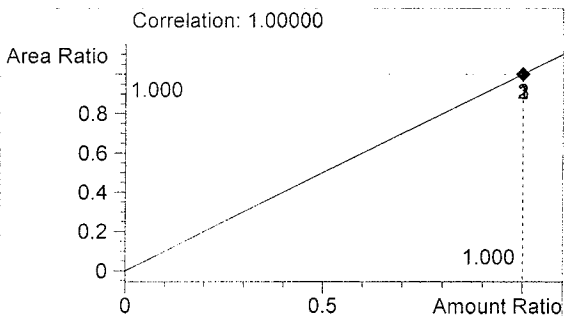


#	Compound	Area	RT
1	ethanol	1526	1.101
2	n-propanol	1681	1.933

Totals:



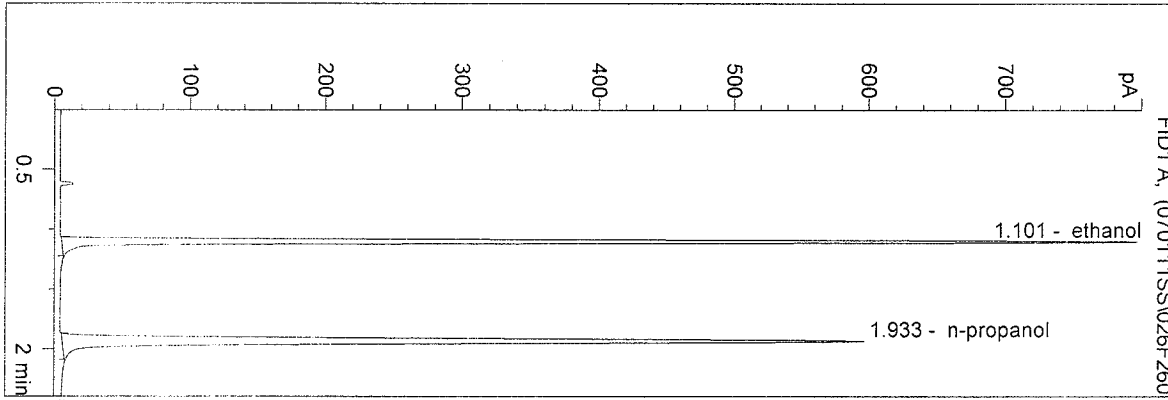
ethanol 0.191 g/100ml



n-propanol 1.000 g/100ml

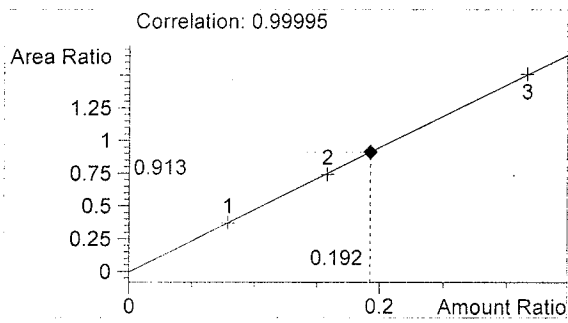
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 Instrument 5  
 DB-ALC2

07005-3  
 Sarah Swenson  
 vial # 26

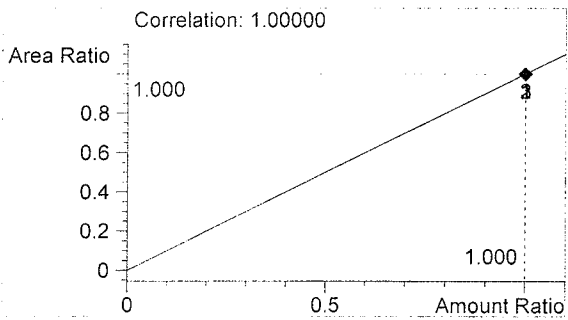


#	Compound	Area	RT
1	ethanol	1583	1.101
2	n-propanol	1734	1.933

Totals:



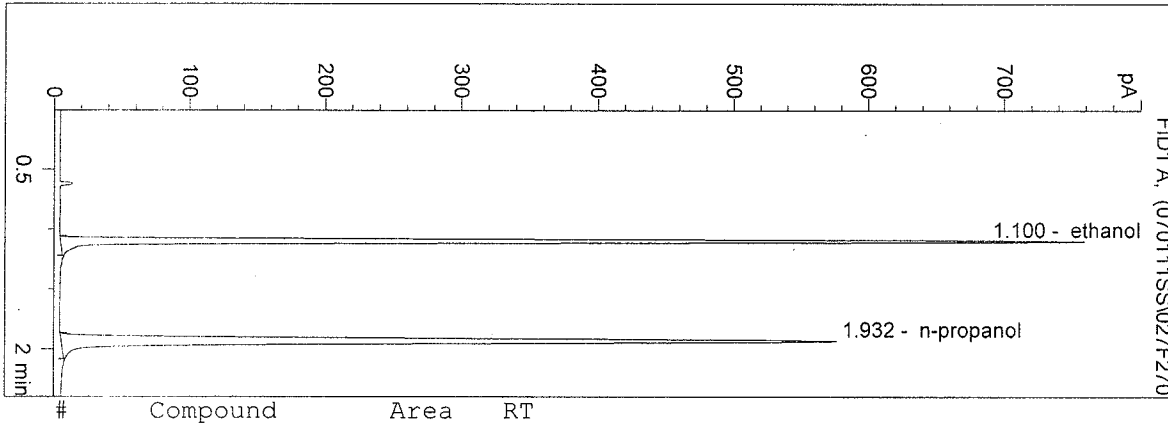
ethanol 0.192 g/100ml



n-propanol 1.000 g/100ml

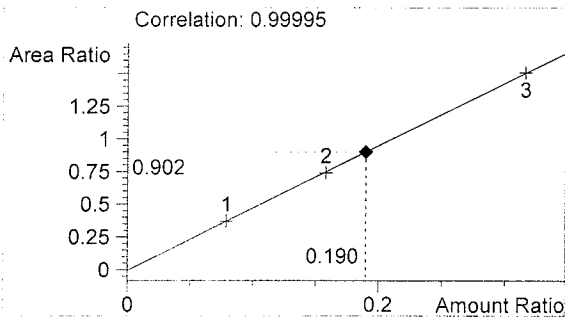
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 Instrument 5  
 DB-ALC2

07005-4  
 Sarah Swenson  
 vial # 27

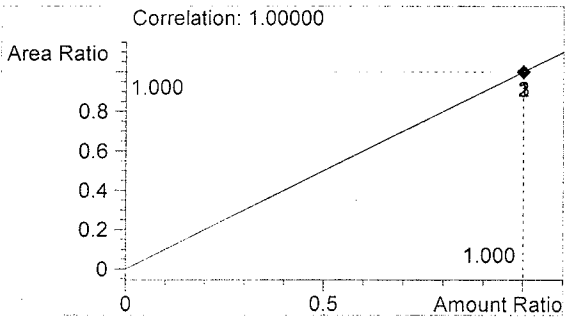


#	Compound	Area	RT
1	ethanol	1512	1.100
2	n-propanol	1677	1.932

Totals:



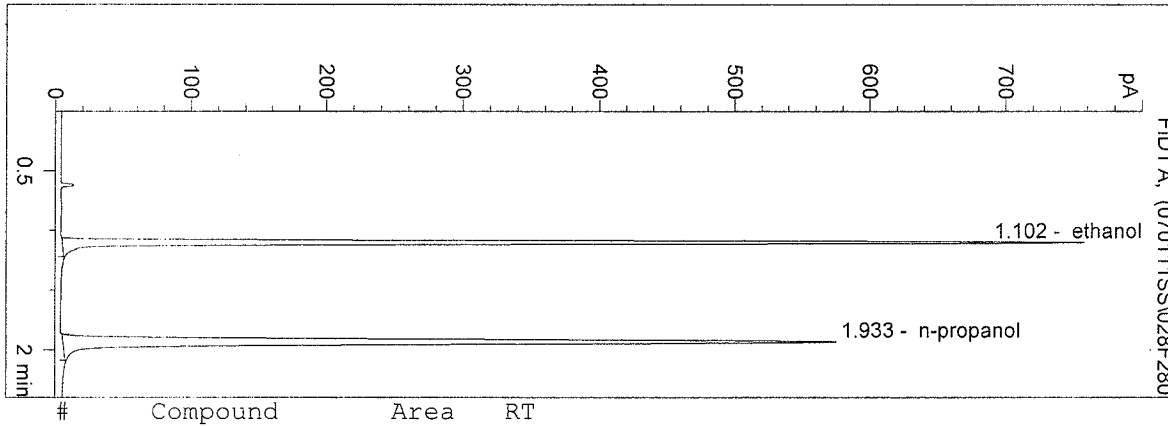
ethanol 0.190 g/100ml



n-propanol 1.000 g/100ml

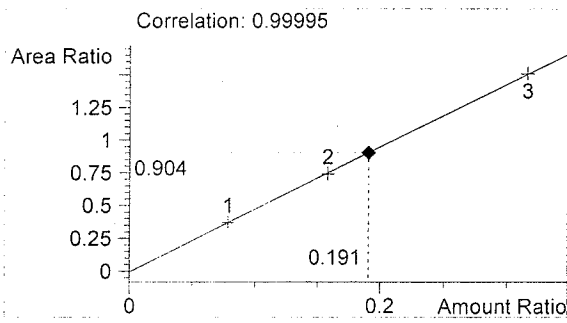
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 Instrument 5  
 DB-ALC2

07005-5  
 Sarah Swenson  
 vial # 28

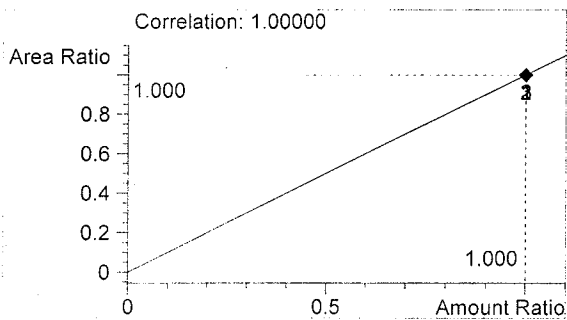


#	Compound	Area	RT
1	ethanol	1511	1.102
2	n-propanol	1671	1.933

Totals:



ethanol 0.191 g/100ml

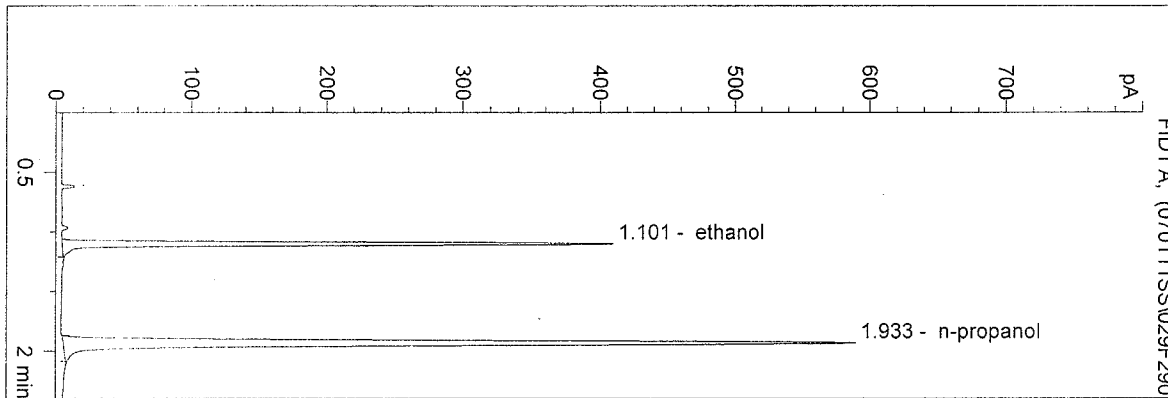


n-propanol 1.000 g/100ml

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 Instrument 5  
 DB-ALC2

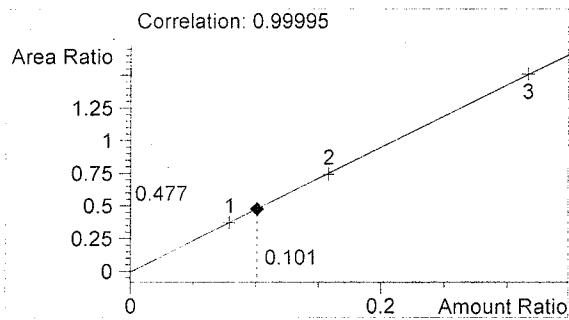
0.10 CTL-SS  
 Sarah Swenson

vial # 29

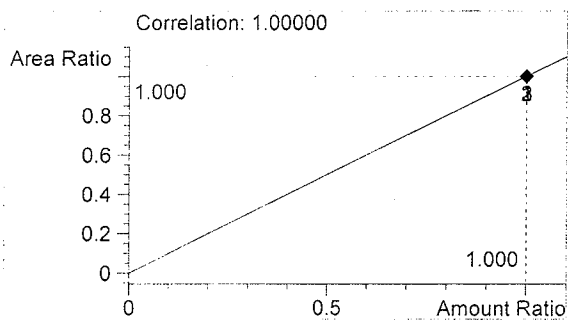


#	Compound	Area	RT
1	ethanol	817	1.101
2	n-propanol	1712	1.933

Totals:



ethanol 0.101 g/100ml

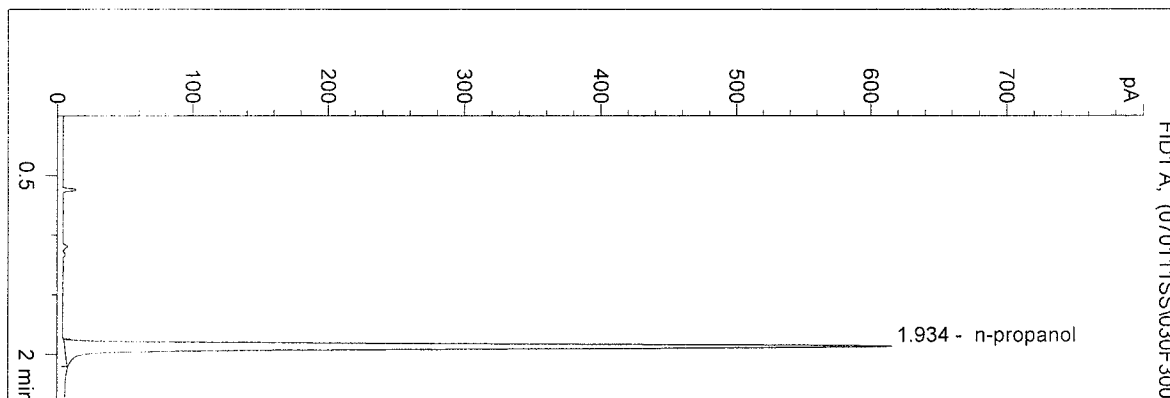


n-propanol 1.000 g/100ml

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 Instrument 5  
 DB-ALC2

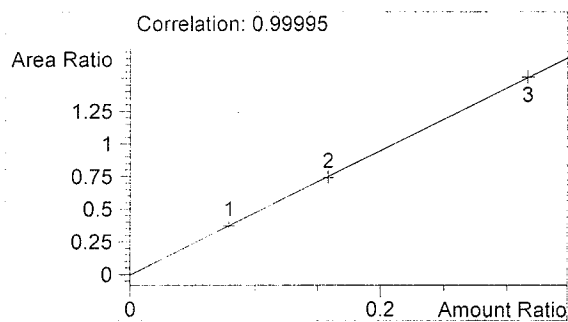
BLANK  
 Sarah Swenson

vial # 30

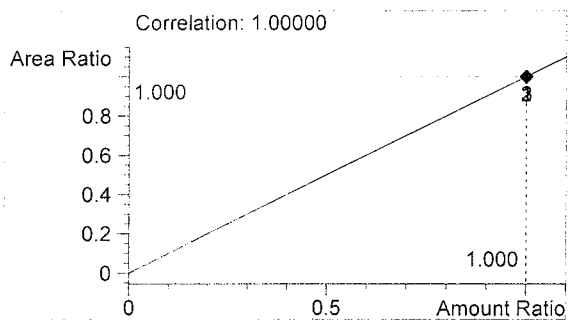


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1795	1.934

Totals:



ethanol 0.000 g/100ml



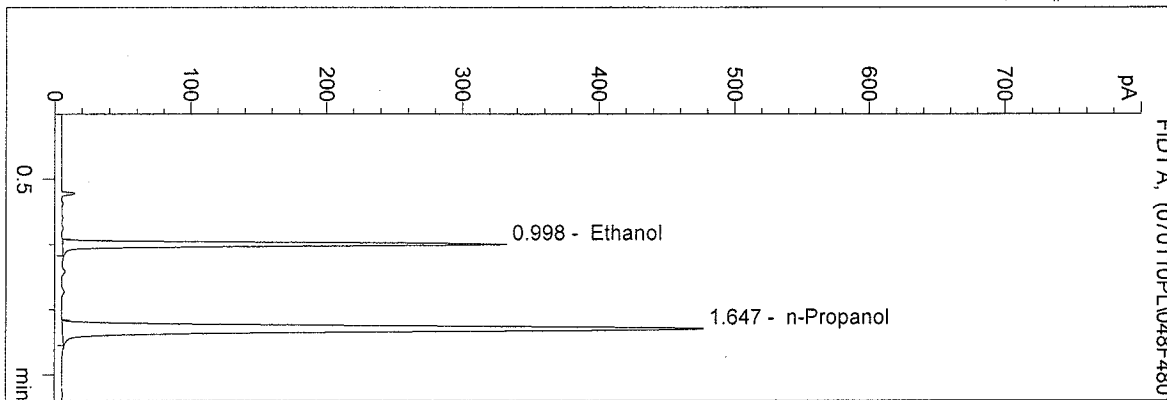
n-propanol 1.000 g/100ml



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

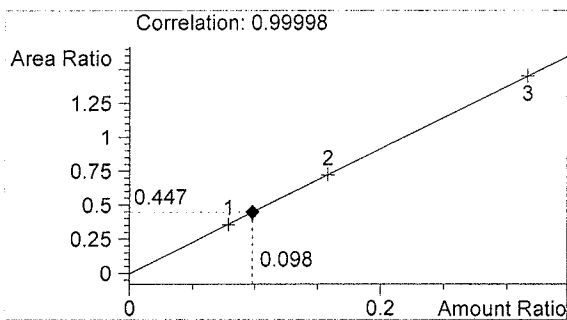
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vial # 48

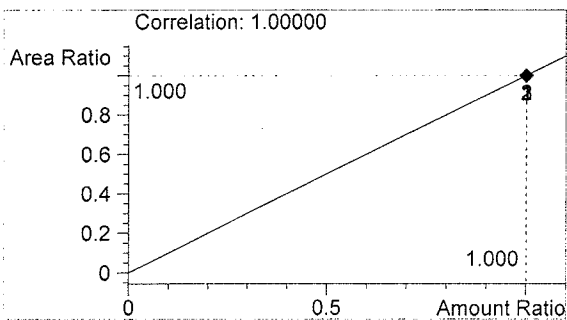


#	Compound	Area	RT
1	Ethanol	661	0.998
2	n-Propanol	1480	1.647

Totals:



Ethanol 0.098 g/100ml

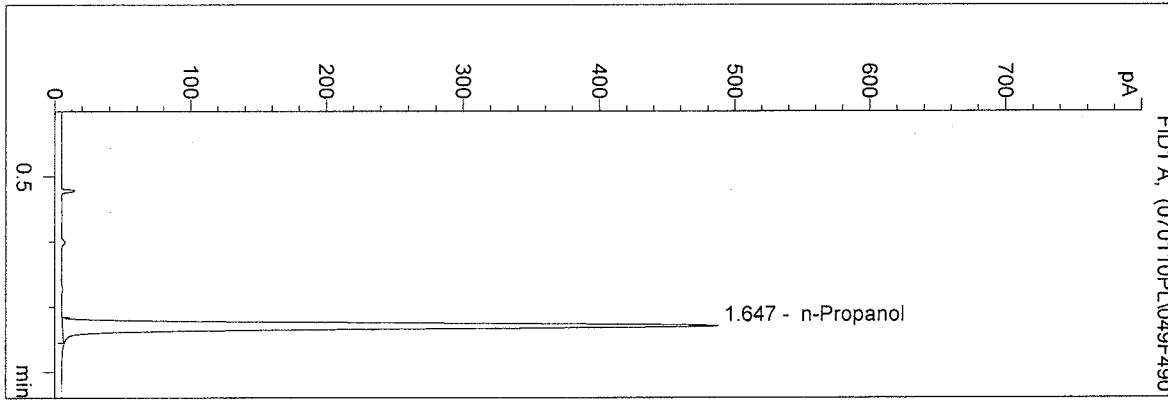


n-Propanol 1.000 g/100ml

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 Instrument 4  
 DB-ALC1

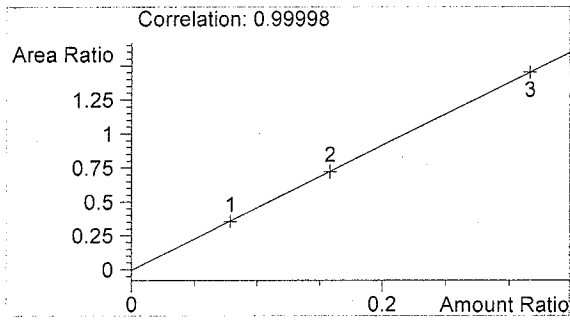
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vial # 49

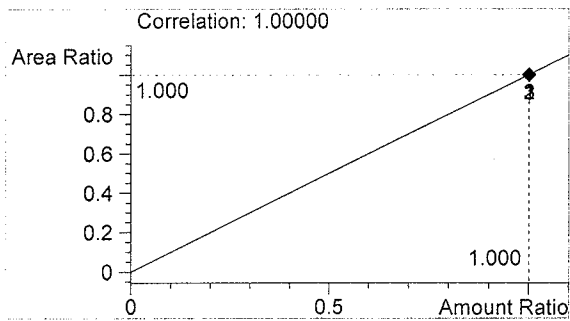


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1518	1.647

Totals:



Ethanol 0.000 g/100ml

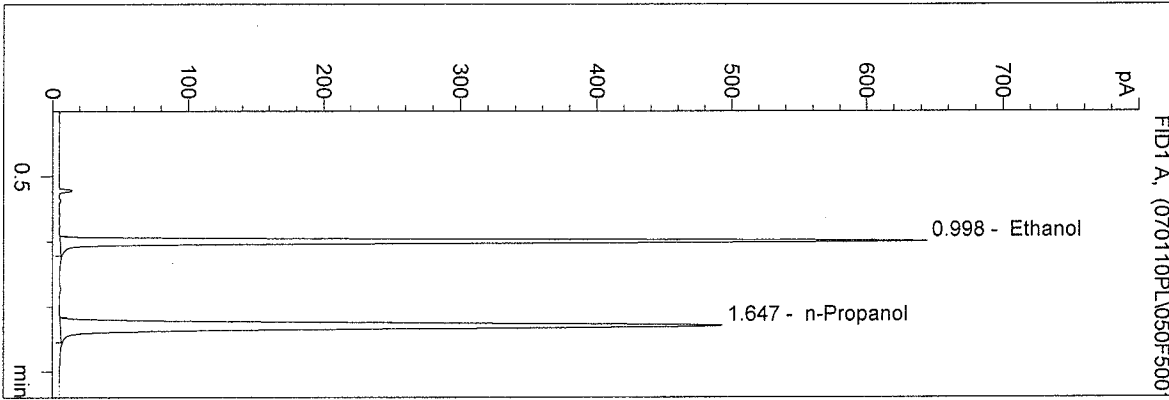


n-Propanol 1.000 g/100ml

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

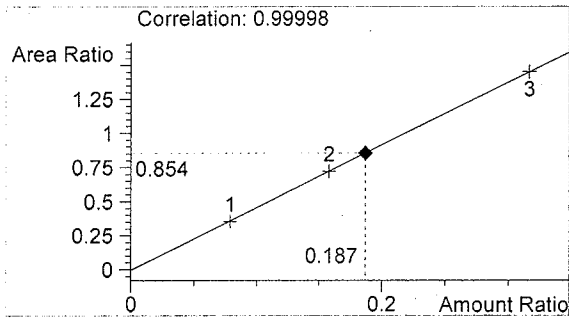
QA 07005  
 P LONG

vial # 50

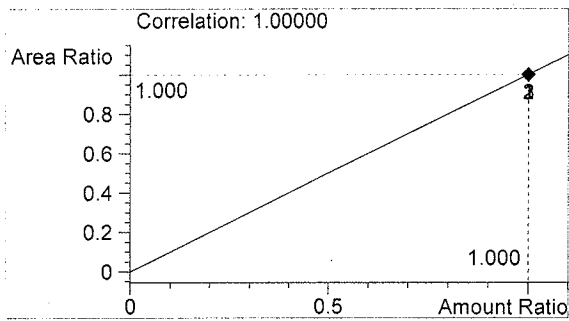


#	Compound	Area	RT
1	Ethanol	1308	0.998
2	n-Propanol	1532	1.647

Totals:



Ethanol 0.187 g/100ml

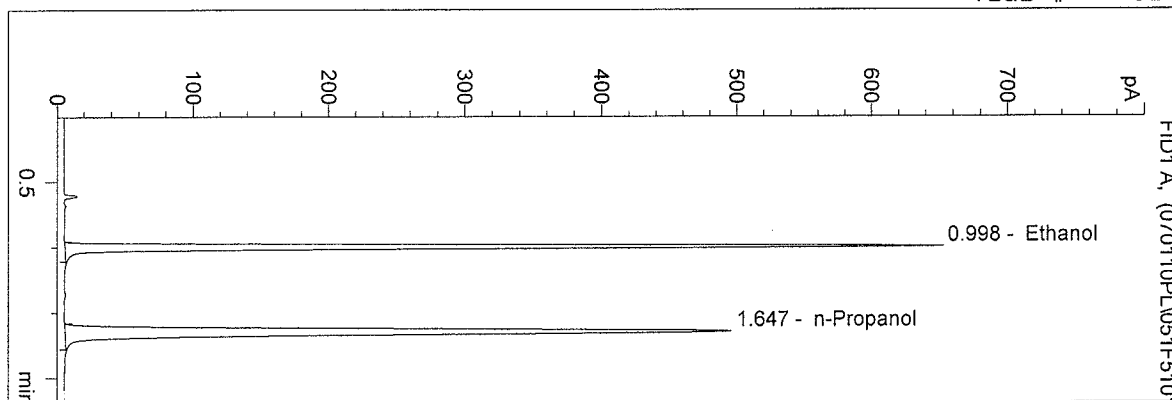


n-Propanol 1.000 g/100ml

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 DB-ALC1

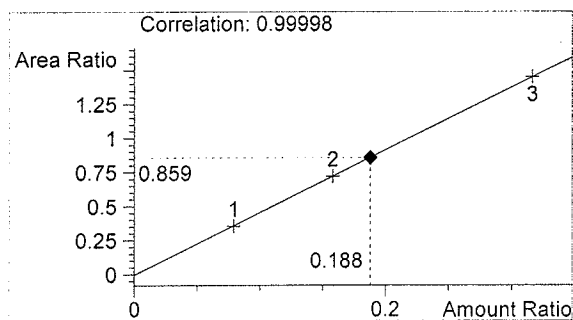
QA 07005  
 P LONG

vial # 51

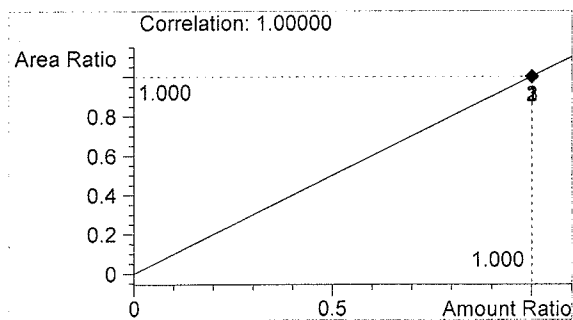


#	Compound	Area	RT
1	Ethanol	1323	0.998
2	n-Propanol	1540	1.647

Totals:



Ethanol 0.188 g/100ml

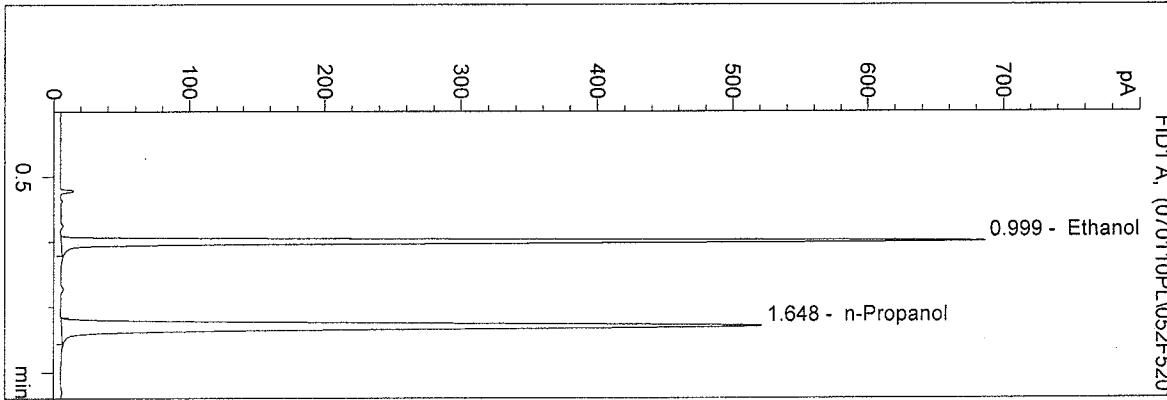


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 3:25:15 PM  
 Instrument 4  
 DB-ALC1

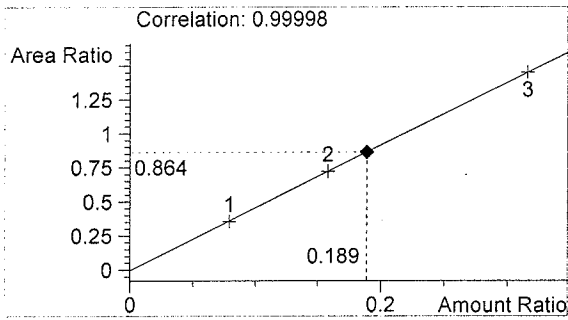
QA 07005  
 P LONG

vial # 52

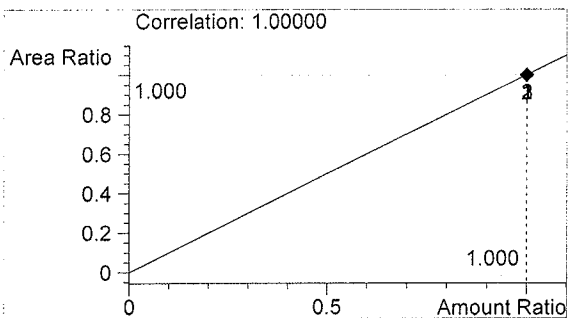


#	Compound	Area	RT
1	Ethanol	1405	0.999
2	n-Propanol	1626	1.648

Totals:



Ethanol 0.189 g/100ml

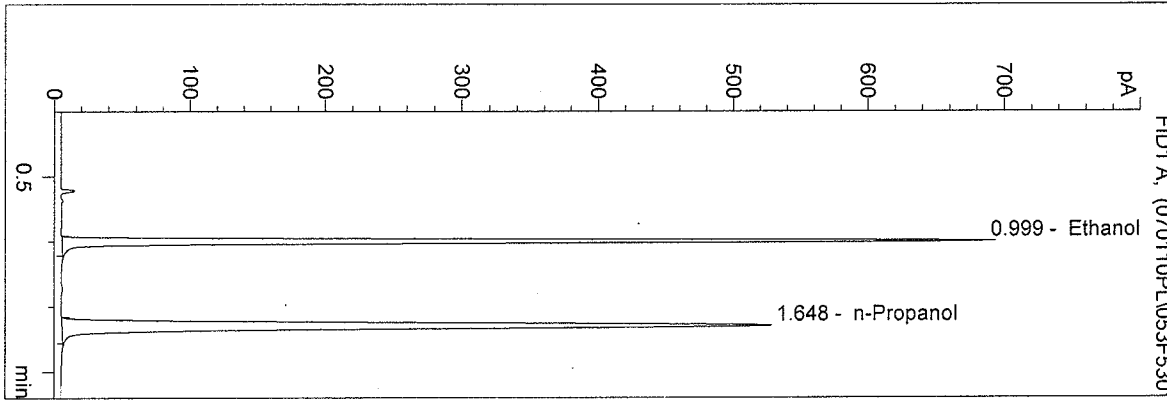


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 3:28:36 PM  
 Instrument 4  
 DB-ALC1

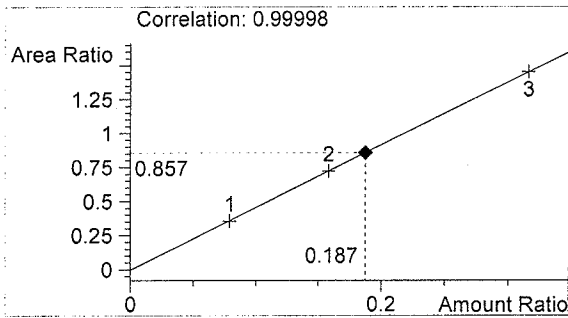
QA 07005  
 P LONG

vial # 53

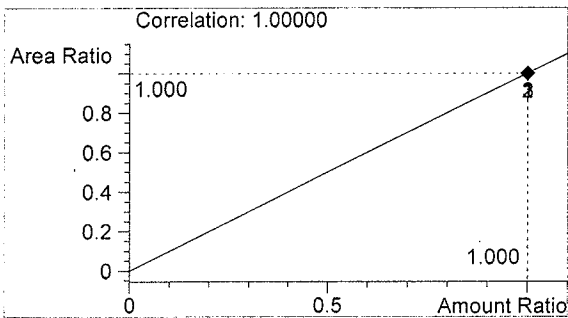


#	Compound	Area	RT
1	Ethanol	1409	0.999
2	n-Propanol	1644	1.648

Totals:



Ethanol 0.187 g/100ml

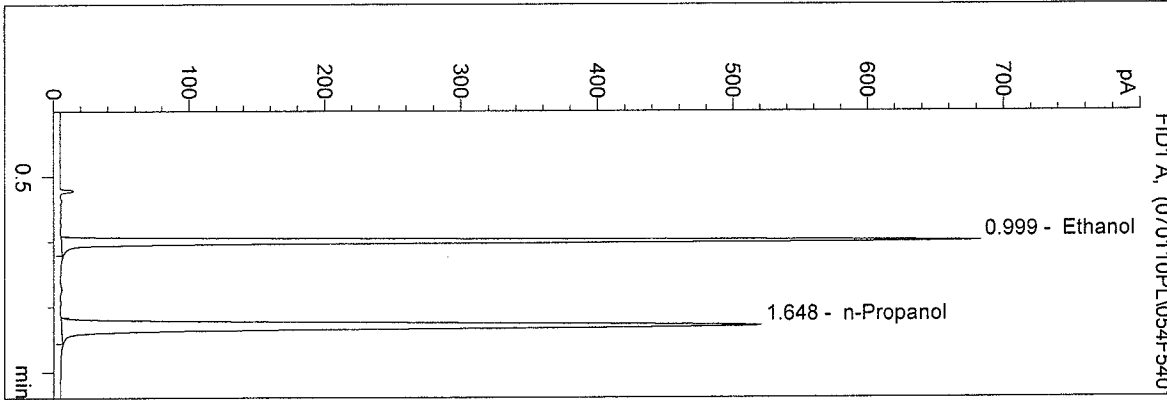


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 3:40:28 PM  
 Instrument 4  
 DB-ALC1

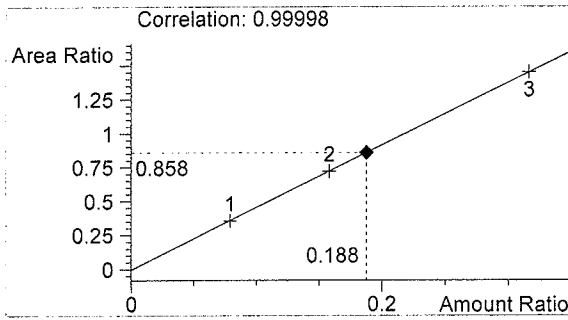
QA 07005  
 P LONG

vial # 54

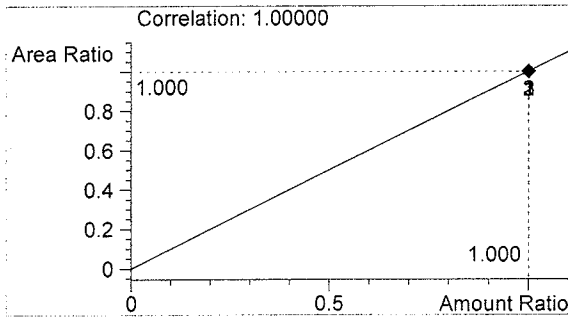


#	Compound	Area	RT
1	Ethanol	1392	0.999
2	n-Propanol	1622	1.648

Totals:



Ethanol 0.188 g/100ml

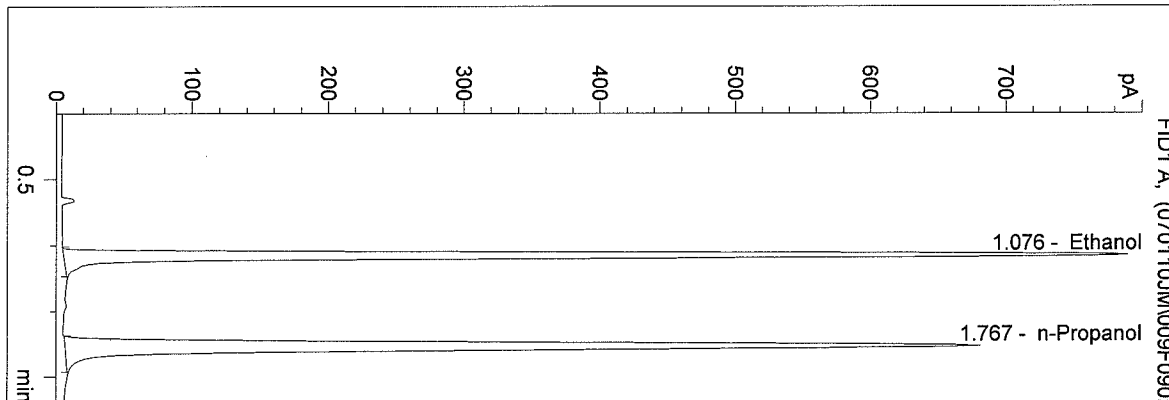


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 6:03:28 PM  
 Instrument 1  
 DB ALC 1

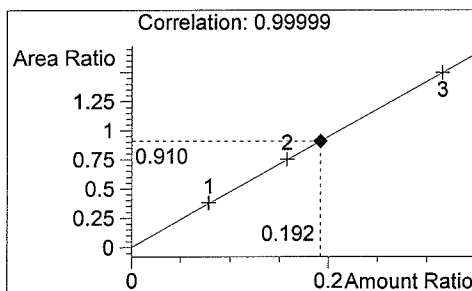
QA Sol 07005-1  
 Estuardo J.Miranda

vial # 9



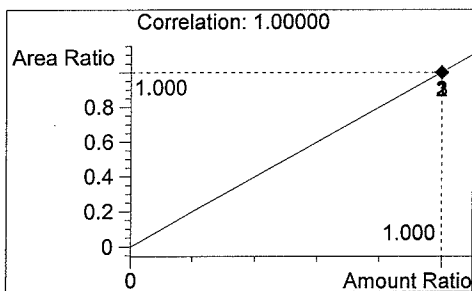
#	Compound	Area	RT
1	Ethanol	2449	1.076
2	n-Propanol	2692	1.767

Tot



Ethanol

0.192 g/100ml



n-Propanol

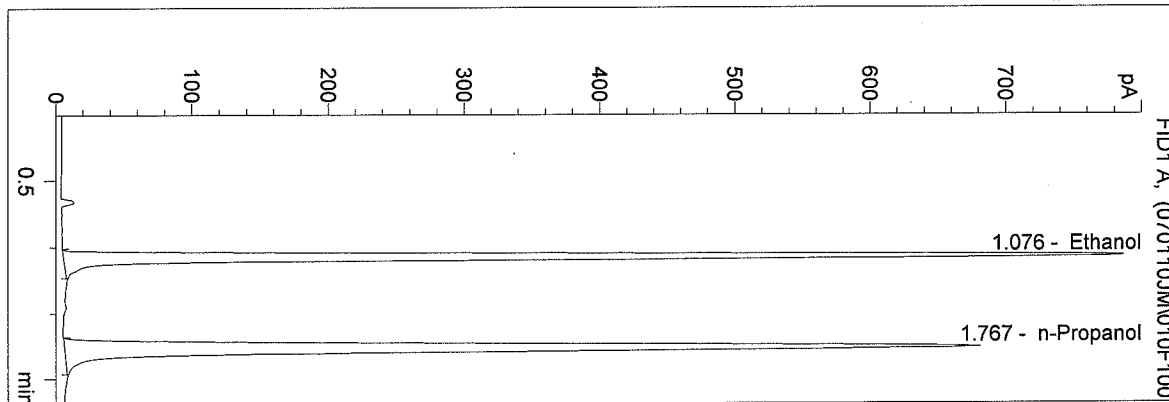
1.000 g/100ml



C:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 6:06:33 PM  
 Instrument 1  
 DB ALC 1

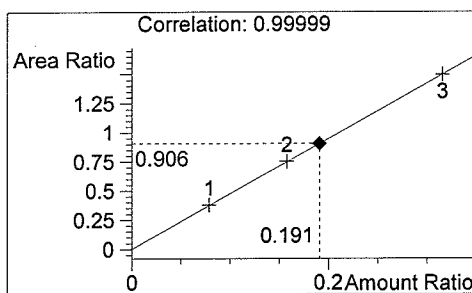
QA Sol 07005-2  
 Estuardo J.Miranda

vial # 10



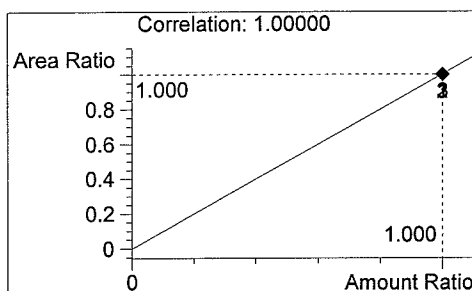
#	Compound	Area	RT
1	Ethanol	2444	1.076
2	n-Propanol	2697	1.767

Tot



Ethanol

0.191 g/100ml



n-Propanol

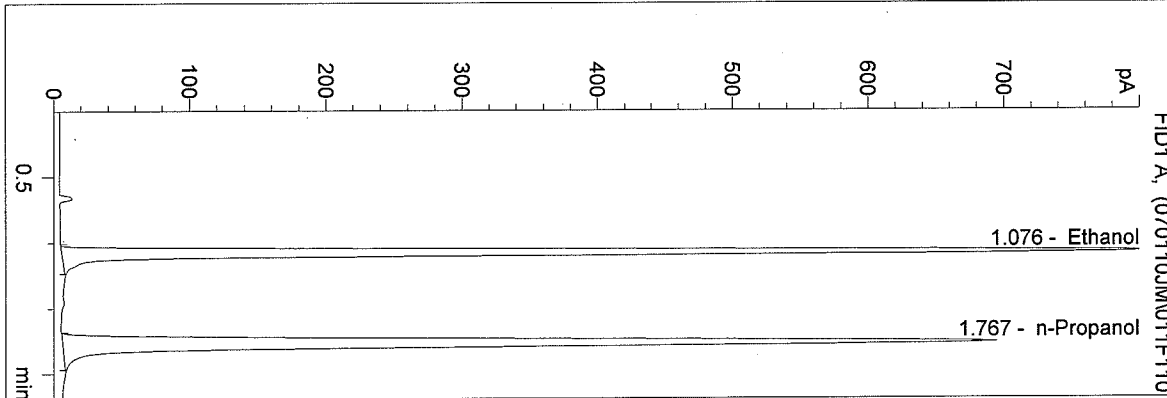
1.000 g/100ml

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C:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 6:09:38 PM  
 Instrument 1  
 DB ALC 1

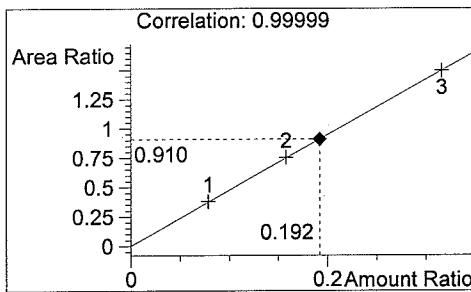
QA Sol 07005-3  
 Estuardo J.Miranda

vial # 11



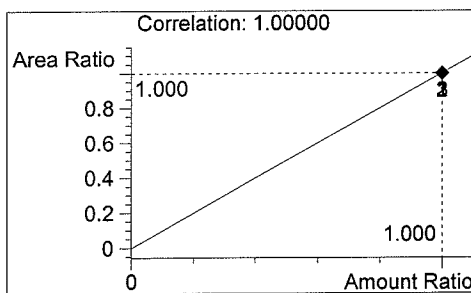
#	Compound	Area	RT
1	Ethanol	2497	1.076
2	n-Propanol	2744	1.767

Tot



Ethanol

0.192 g/100ml



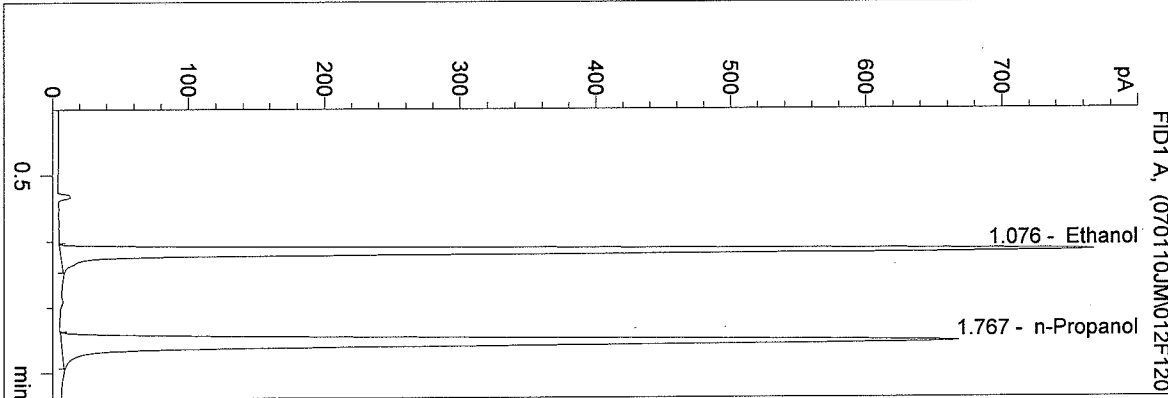
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 6:12:42 PM  
 Instrument 1  
 DB ALC 1

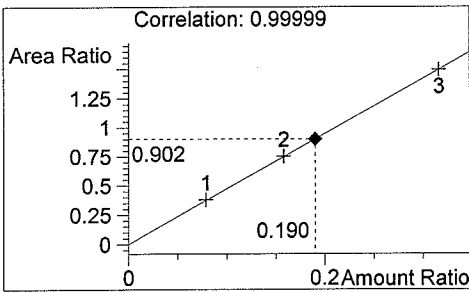
QA Sol 07005-4  
 Estuardo J.Miranda

vial # 12



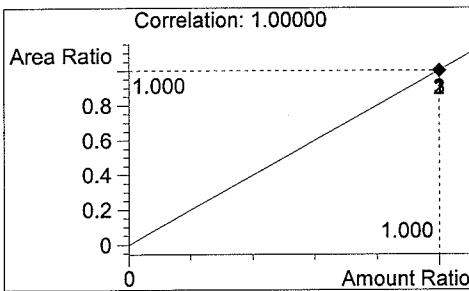
#	Compound	Area	RT
1	Ethanol	2382	1.076
2	n-Propanol	2642	1.767

Tot



Ethanol

0.190 g/100ml



n-Propanol

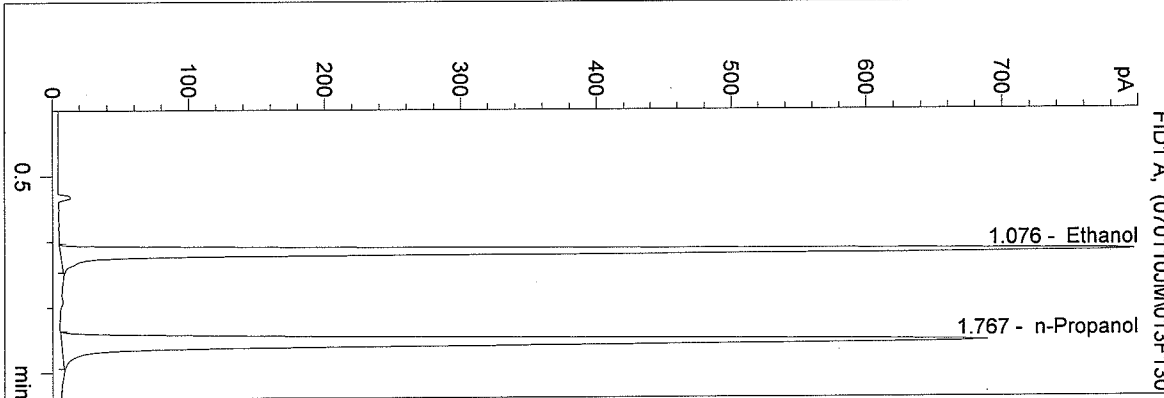
1.000 g/100ml

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C:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 6:15:47 PM  
 Instrument 1  
 DB ALC 1

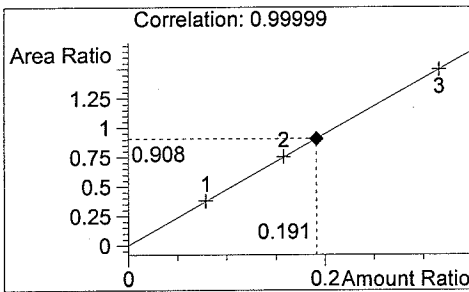
QA Sol 07005-5  
 Estuardo J.Miranda

vial # 13



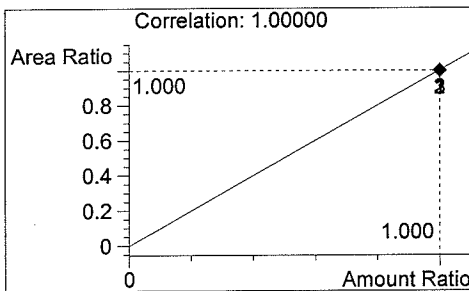
#	Compound	Area	RT
1	Ethanol	2474	1.076
2	n-Propanol	2726	1.767

Tot



Ethanol

0.191 g/100ml



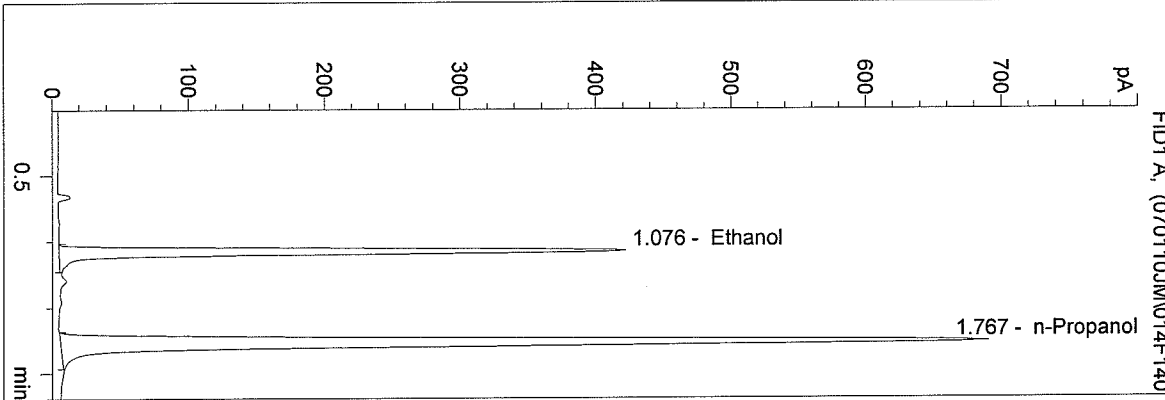
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 6:18:52 PM  
 Instrument 1  
 DB ALC 1

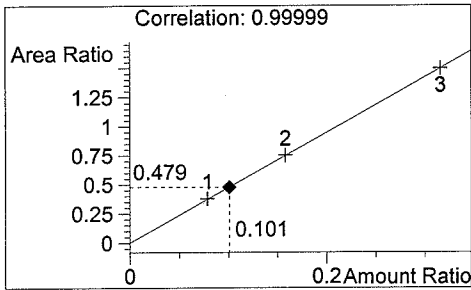
0.100 Control  
 Estuardo J.Miranda

vial # 14



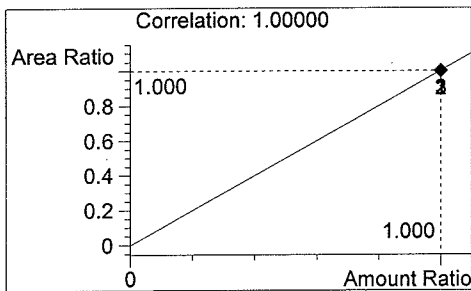
#	Compound	Area	RT
1	Ethanol	1310	1.076
2	n-Propanol	2736	1.767

Tot



Ethanol

0.101 g/100ml



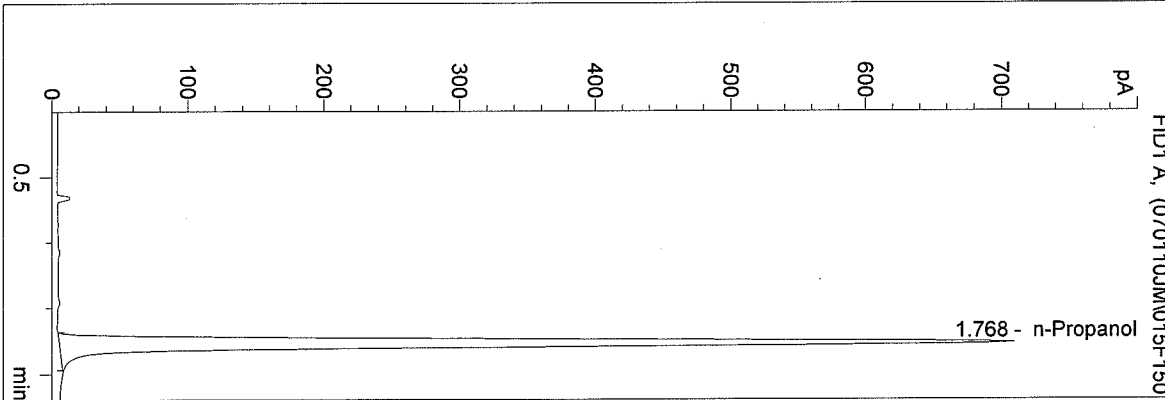
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
 1/10/2007 6:21:57 PM  
 Instrument 1  
 DB ALC 1

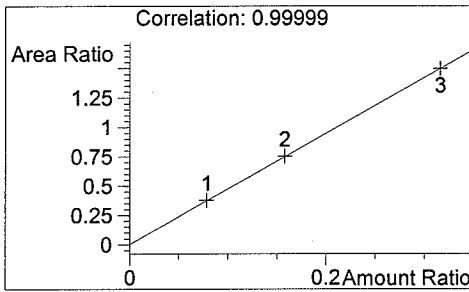
Blank  
 Estuardo J.Miranda

vial # 15



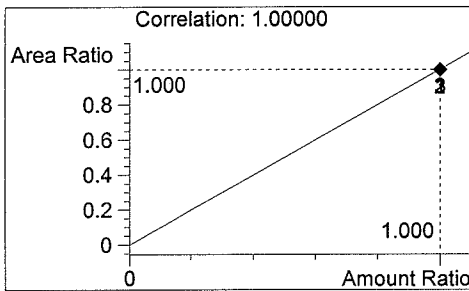
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2812	1.768

Tot



Ethanol

0.000 g/100ml



n-Propanol

1.000 g/100ml