


Notice of Simulator Solution File Review

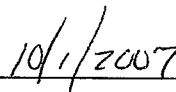
At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution 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.

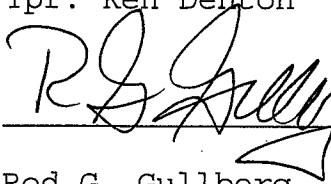
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.



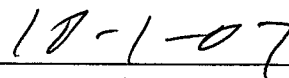
Tpr. Ken Denton



Date



Rod G. Gullberg



Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN NEWTON / ROB GUMBERG Date 9-28-07
Location TOX LAB SEATTLE Batch Number 07004

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 ___


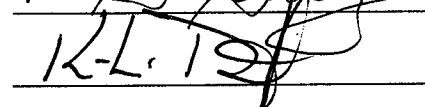
Computations:

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

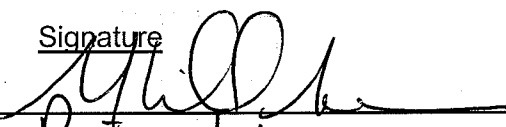
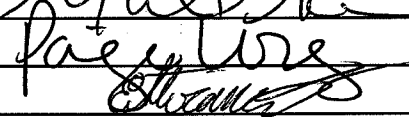

Preparation and certification of **0.10** g/210L Quality Assurance solution
 Batch number **07004** Date: 1/10/2007
 Preparation: 28.9 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	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	0.130	0.127	0.129													
2	0.130	0.127	0.130													
3	0.130	0.128	0.130													
4	0.131	0.127	0.130													
5	0.128	0.127	0.130													
Ctrl	0.101	0.099	0.101													

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

Statistics:
 Avg. solution concent.: 0.1289 g/100 mL
 SD: 0.00144
 Range (3xSD): 0.1246 to 0.1332
 Precision CV (%): 1.1153 %

Equivalent vapor concent.: 0.1048 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

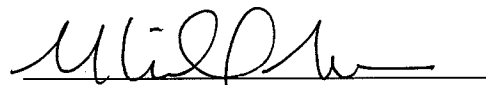
I, Sarah M Swenson, do certify under penalty of perjury that:

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 07004, 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 0.1289 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



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CERTIFICATION

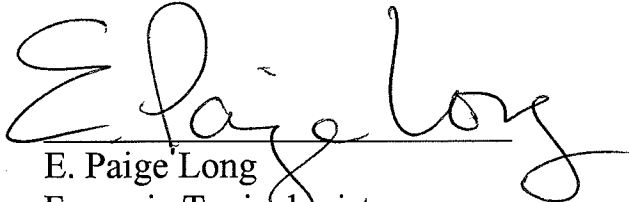
I, E. Paige Long, do certify under penalty of perjury that:

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 07004, 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 0.1289 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 these standards established by the State Toxicologist for the certification of simulator solutions.~~

RAH
10-1-07



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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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 07004, 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 0.1289 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.



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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.

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
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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 07004, 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 0.10 grams per 100ml.

Dated: 1/18/2007
Seattle, WA

A handwritten signature in black ink, appearing to read "Sarah 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

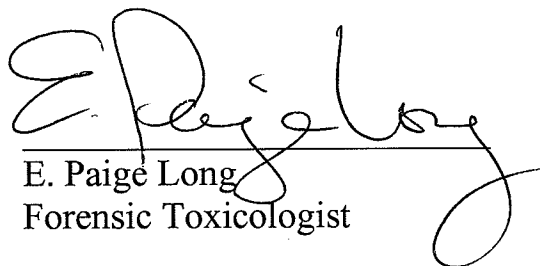
I, E. Paige Long, do certify under penalty of perjury that:

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 07004, 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 0.10 grams per 100ml.

Dated: 1/18/2007
Seattle, WA


E. Paige Long
Forensic Toxicologist

EPL/jr
PLQA



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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 07004, 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 0.10 grams per 100ml.

Dated: 01/18/2007
Seattle, WA

A handwritten signature in black ink, appearing to read "Estuardo J. Miranda", written over a horizontal line.

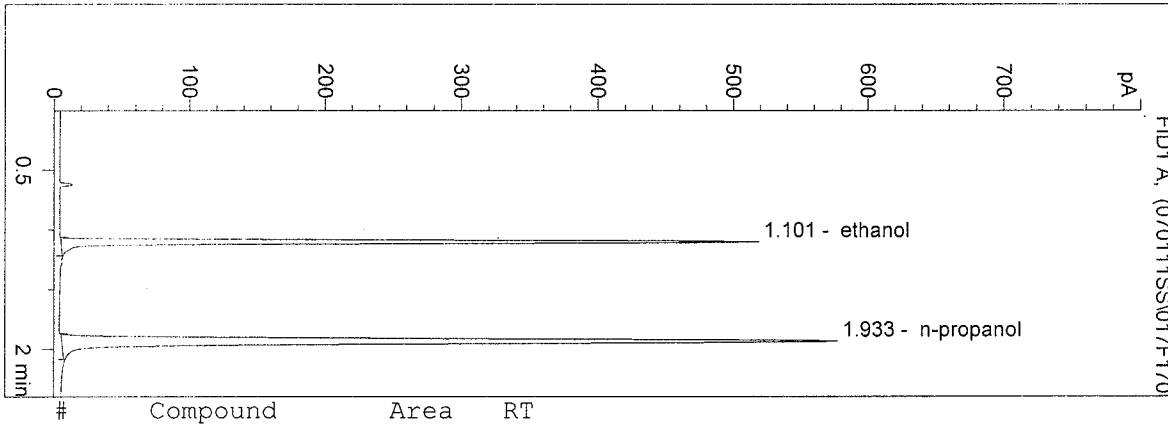
Estuardo J. Miranda
Forensic Toxicologist

EM/jr
EMQA



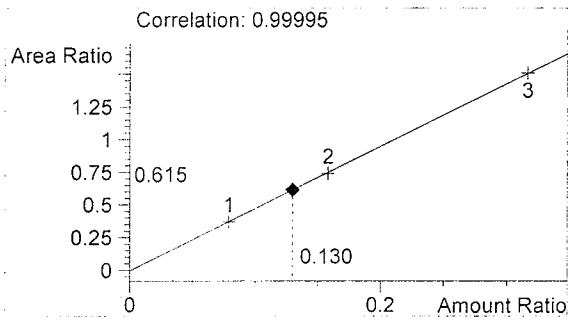
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 Instrument 5
 DB-ALC2

07004-1
 Sarah Swenson
 vial # 17

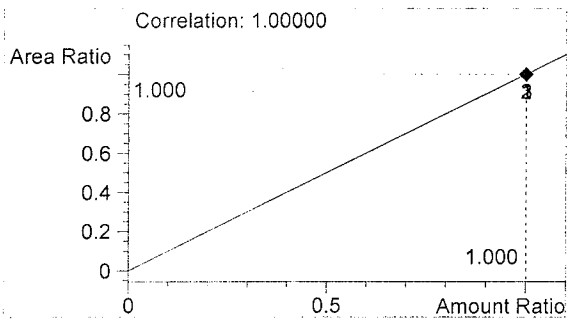


#	Compound	Area	RT
1	ethanol	1031	1.101
2	n-propanol	1677	1.933

Totals:



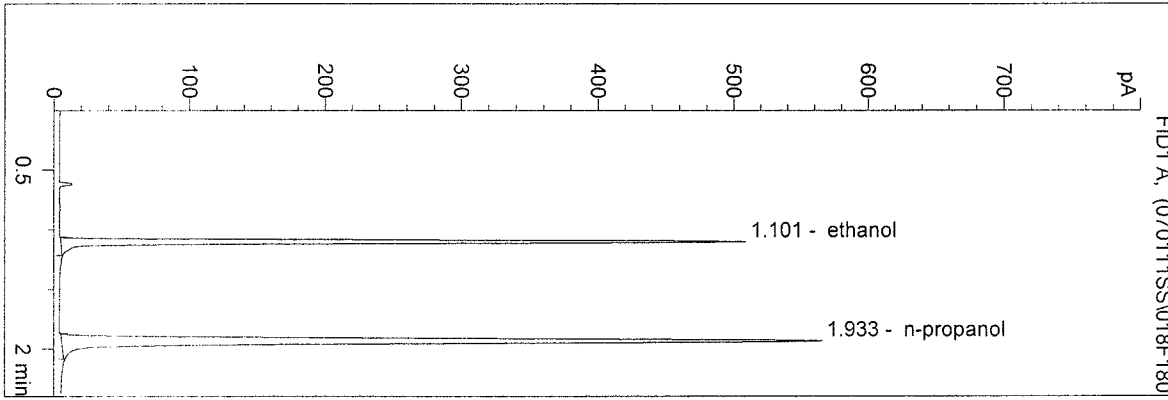
ethanol 0.130 g/100ml



n-propanol 1.000 g/100ml

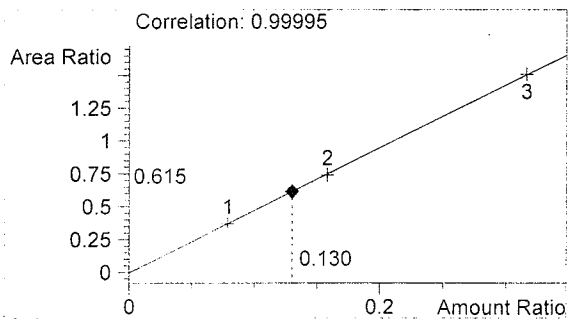
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 Instrument 5
 DB-ALC2

07004-2
 Sarah Swenson
 vial # 18

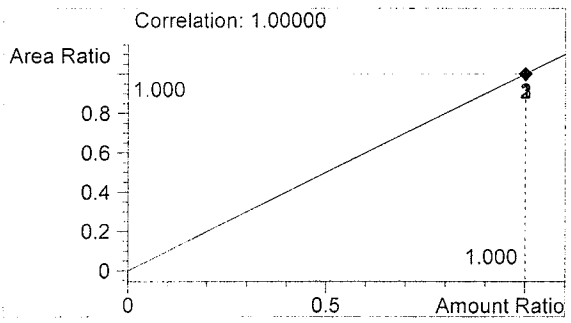


#	Compound	Area	RT
1	ethanol	1010	1.101
2	n-propanol	1642	1.933

Totals:



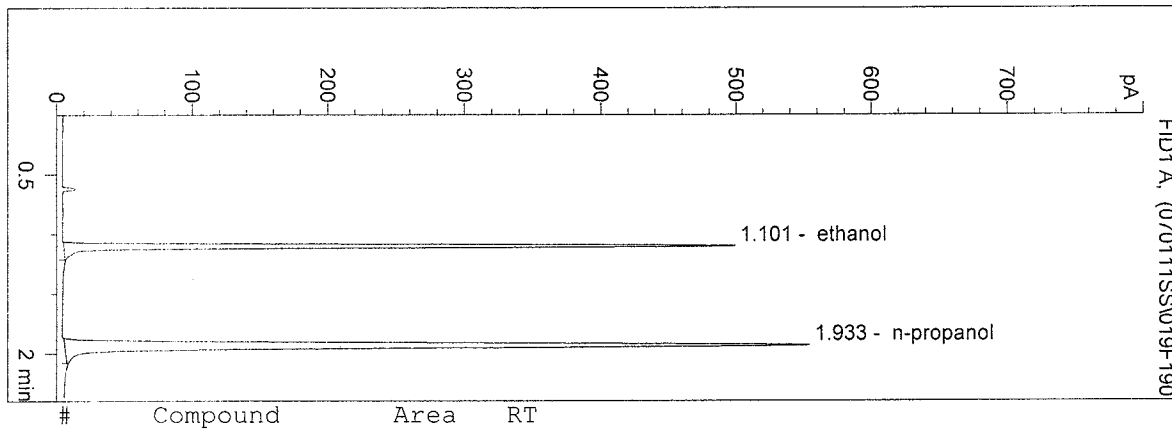
ethanol 0.130 g/100ml



n-propanol 1.000 g/100ml

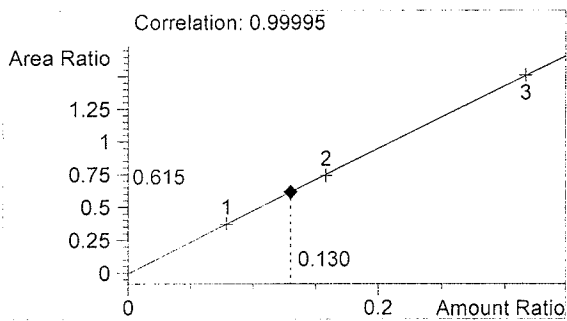
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 Instrument 5
 DB-ALC2

07004-3
 Sarah Swenson
 vial # 19

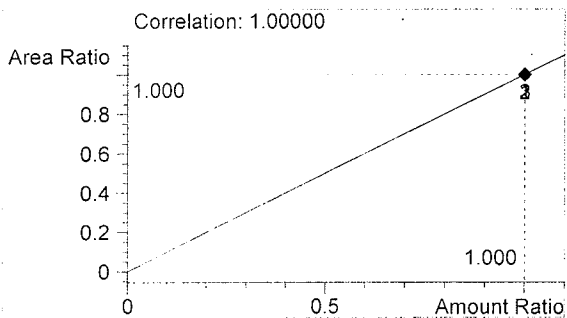


#	Compound	Area	RT
1	ethanol	990	1.101
2	n-propanol	1609	1.933

Totals:



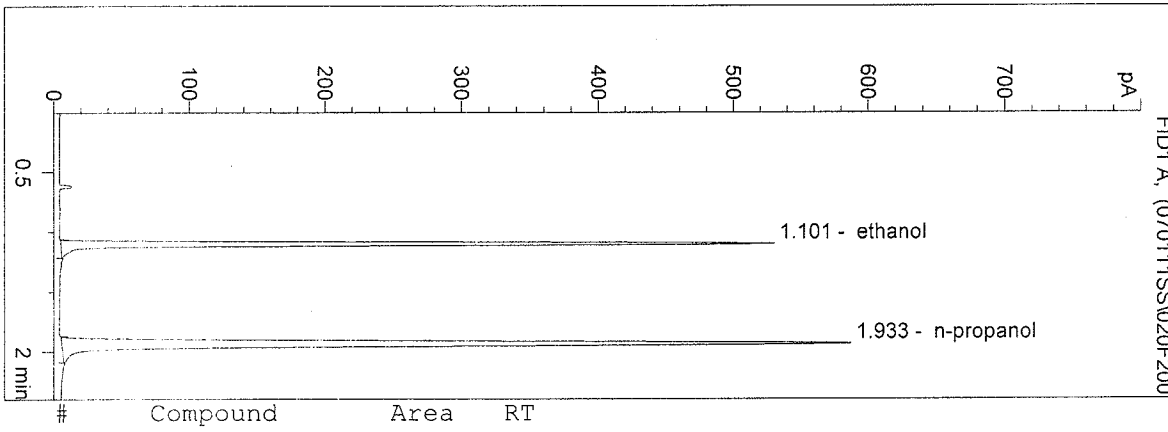
ethanol 0.130 g/100ml



n-propanol 1.000 g/100ml

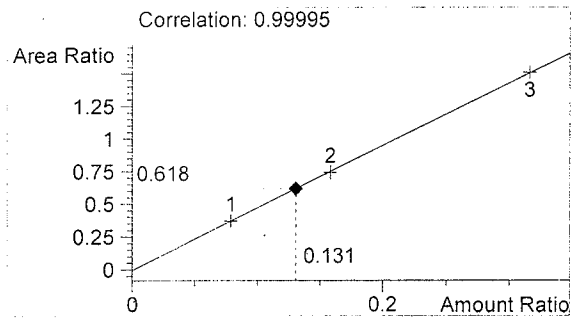
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 Instrument 5
 DB-ALC2

07004-4
 Sarah Swenson
 vial # 20

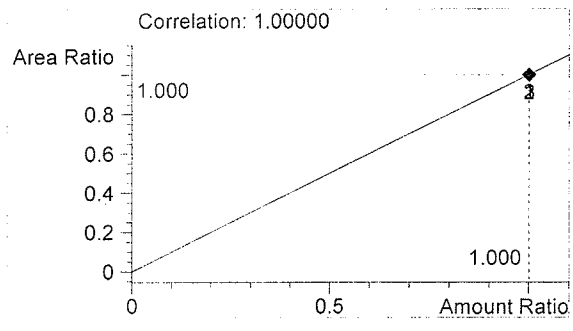


#	Compound	Area	RT
1	ethanol	1055	1.101
2	n-propanol	1708	1.933

Totals:



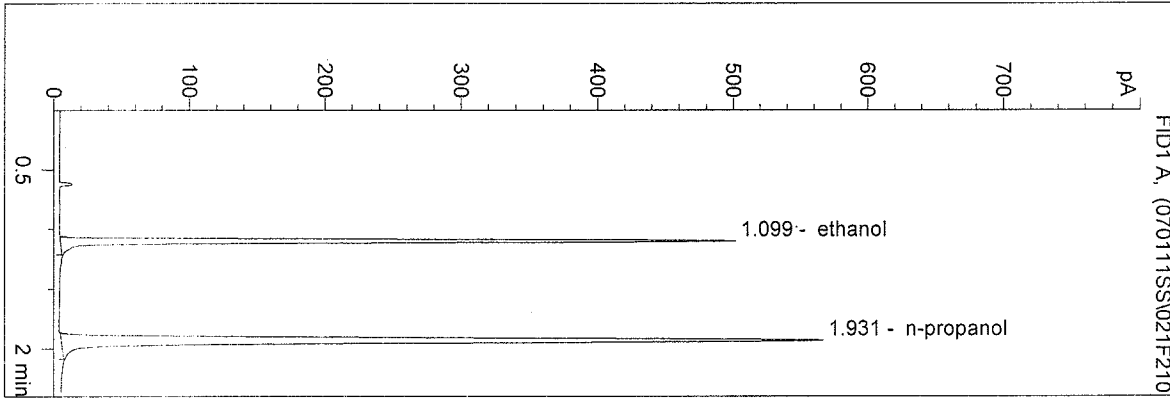
ethanol 0.131 g/100ml



n-propanol 1.000 g/100ml

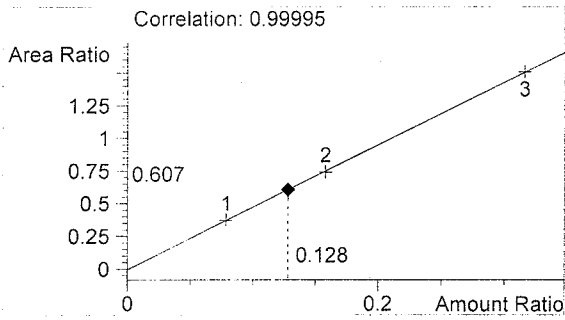
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 Instrument 5
 DB-ALC2

07004-5
 Sarah Swenson
 vial # 21

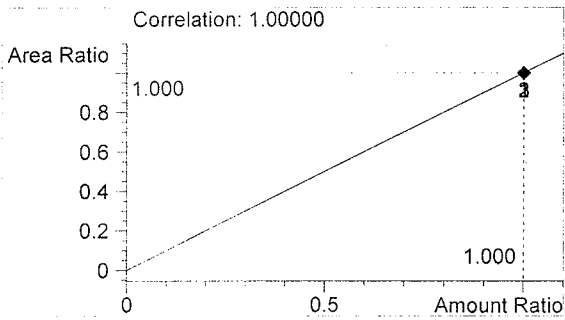


#	Compound	Area	RT
1	ethanol	1004	1.099
2	n-propanol	1654	1.931

Totals:



ethanol 0.128 g/100ml

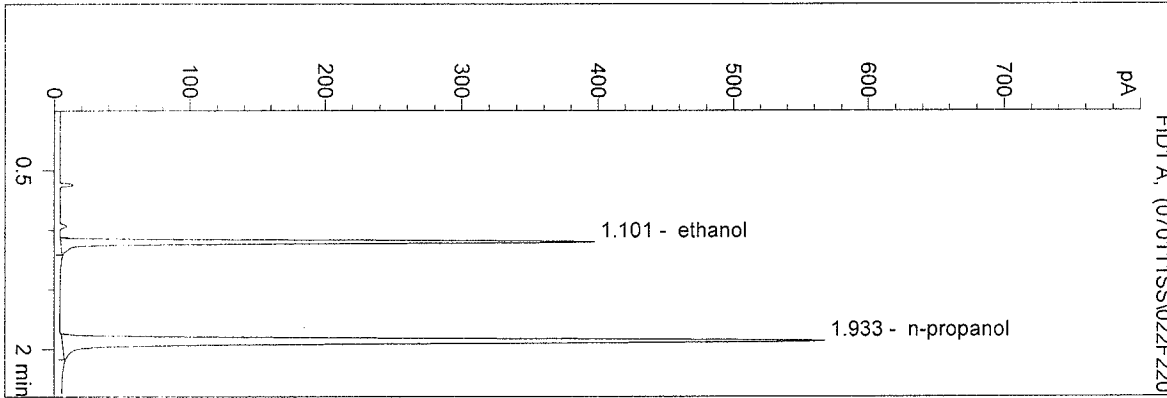


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

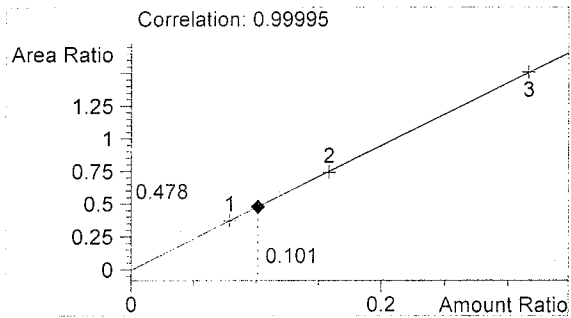
0.10 CTL-SS
 Sarah Swenson

vial # 22

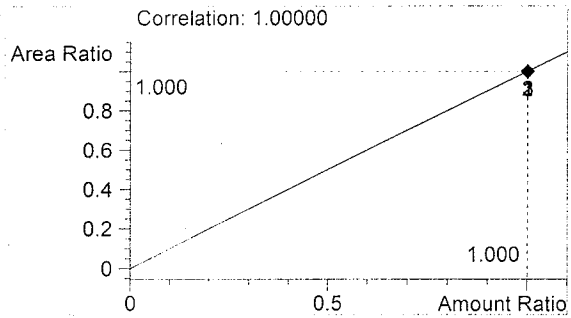


#	Compound	Area	RT
1	ethanol	790	1.101
2	n-propanol	1651	1.933

Totals:



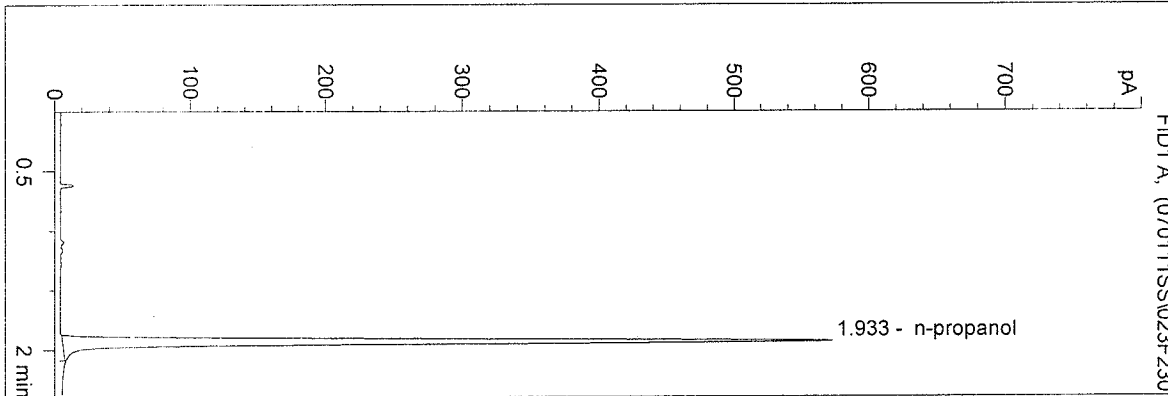
ethanol 0.101 g/100ml



n-propanol 1.000 g/100ml

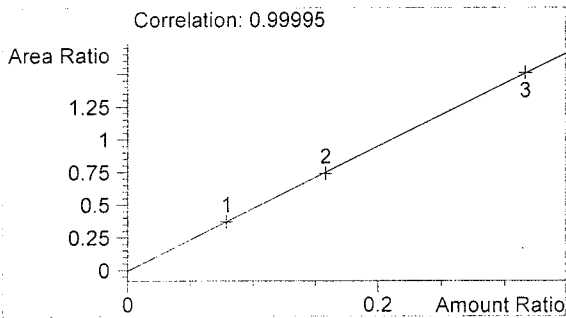
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 Instrument 5
 DB-ALC2

BLANK
 Sarah Swenson
 vial # 23

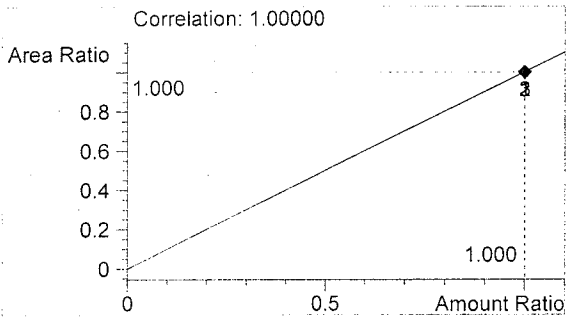


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1663	1.933

Totals:



ethanol 0.000 g/100ml

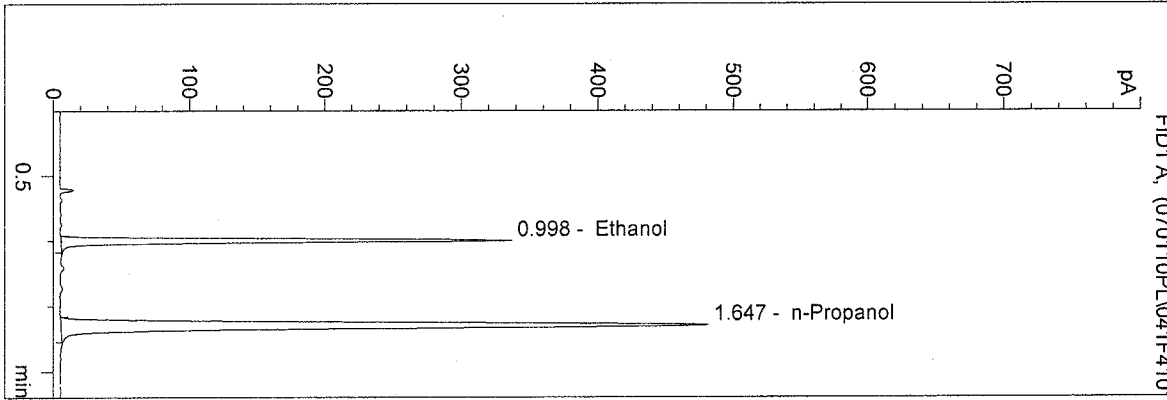


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:46:35 PM
 Instrument 4
 DB-ALC1

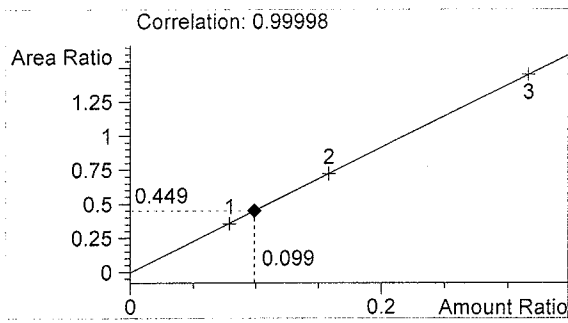
0.10CTL
 P LONG

vial # 41

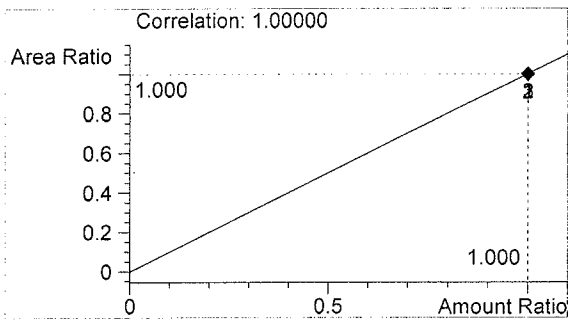


#	Compound	Area	RT
1	Ethanol	671	0.998
2	n-Propanol	1494	1.647

Totals:



Ethanol 0.099 g/100ml

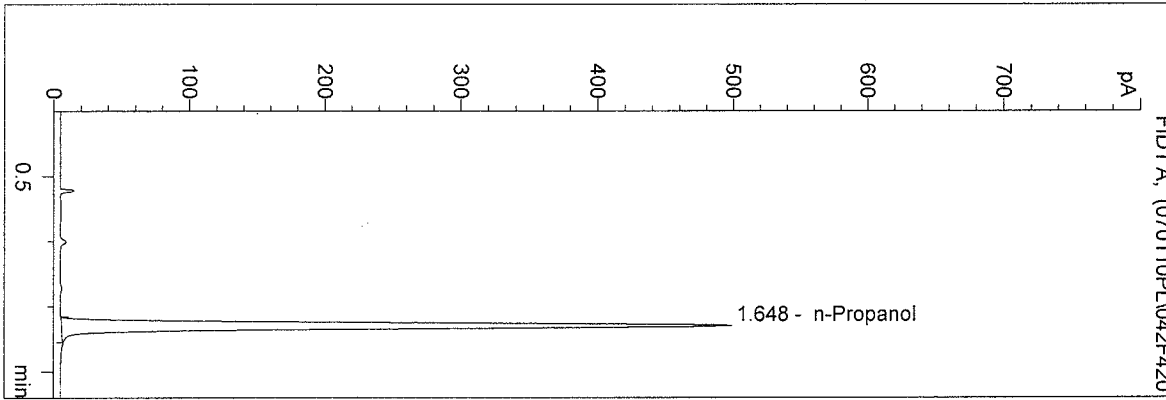


n-Propanol 1.000 g/100ml

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

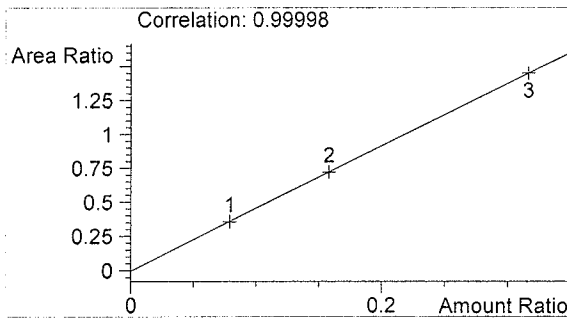
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 P LONG

vial # 42

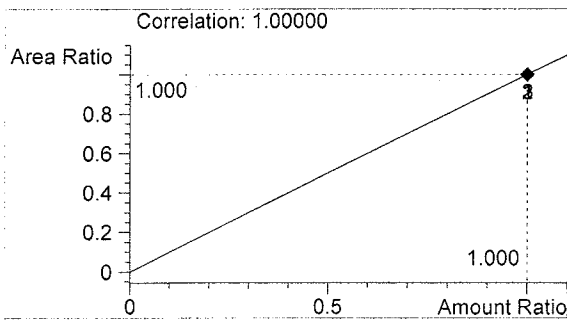


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1554	1.648

Totals:



Ethanol 0.000 g/100ml

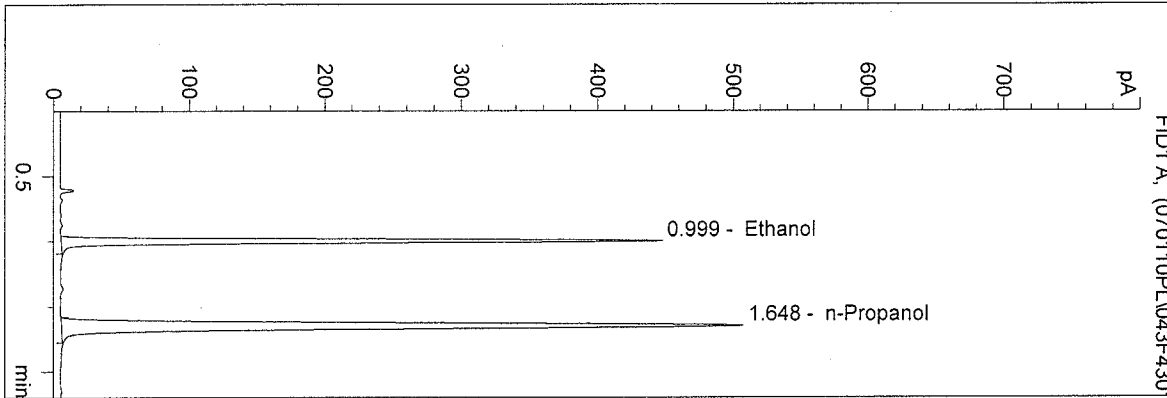


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

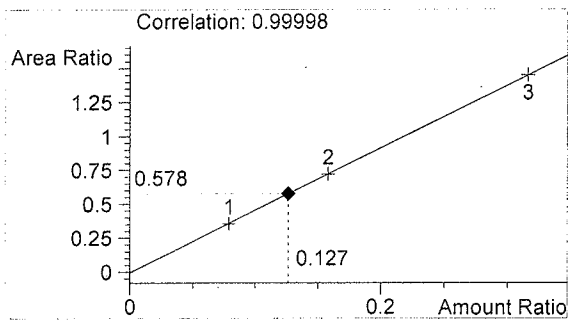
QA 07004
 P LONG

vial # 43

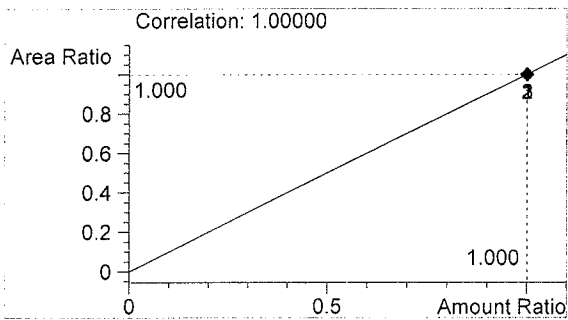


#	Compound	Area	RT
1	Ethanol	913	0.999
2	n-Propanol	1580	1.648

Totals:



Ethanol 0.127 g/100ml

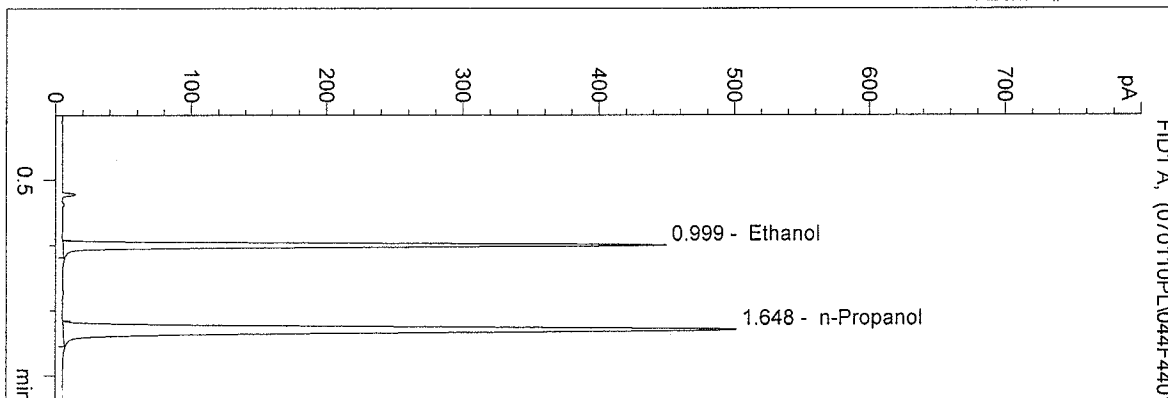


n-Propanol 1.000 g/100ml

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

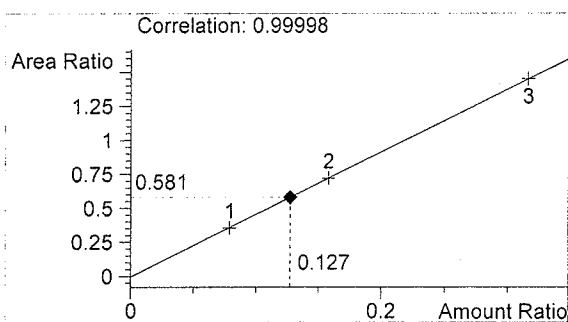
QA 07004
 P LONG

vial # 44

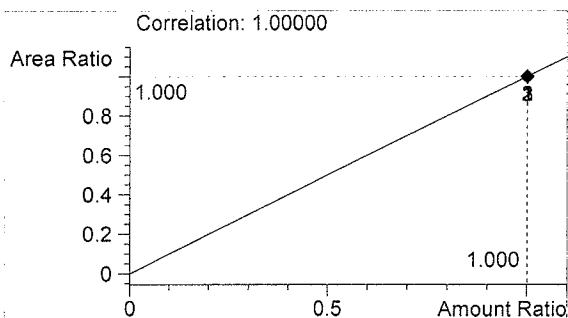


#	Compound	Area	RT
1	Ethanol	905	0.999
2	n-Propanol	1558	1.648

Totals:



Ethanol 0.127 g/100ml

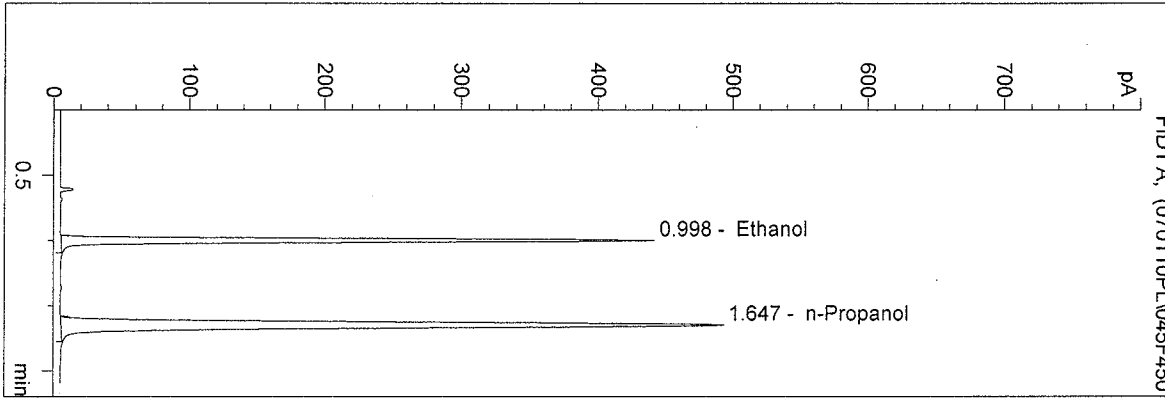


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:59:49 PM
 Instrument 4
 DB-ALC1

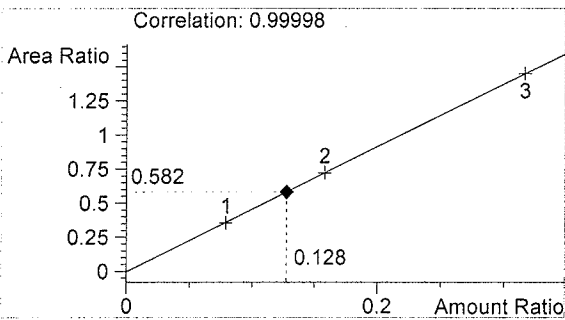
QA 07004
 P LONG

vial # 45

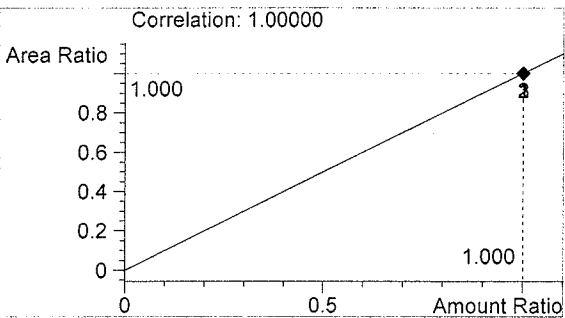


#	Compound	Area	RT
1	Ethanol	891	0.998
2	n-Propanol	1531	1.647

Totals:



Ethanol 0.128 g/100ml

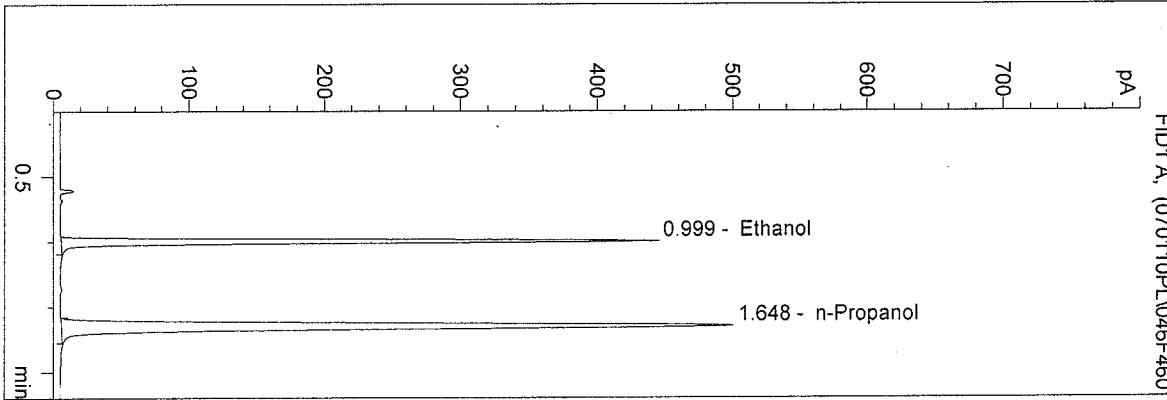


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 3:05:18 PM
 Instrument 4
 DB-ALC1

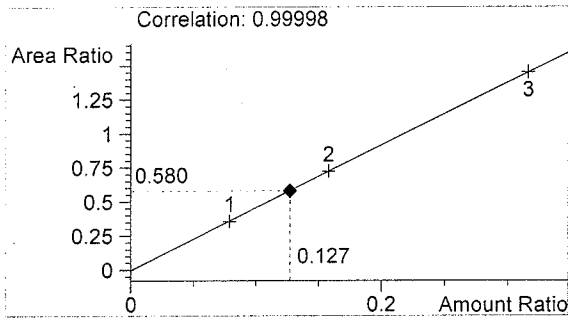
QA 07004
 P LONG

vial # 46

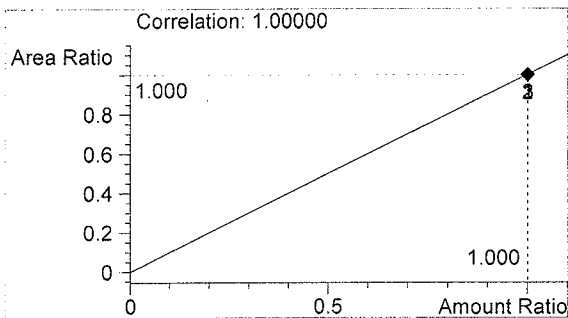


#	Compound	Area	RT
1	Ethanol	903	0.999
2	n-Propanol	1556	1.648

Totals:



Ethanol 0.127 g/100ml

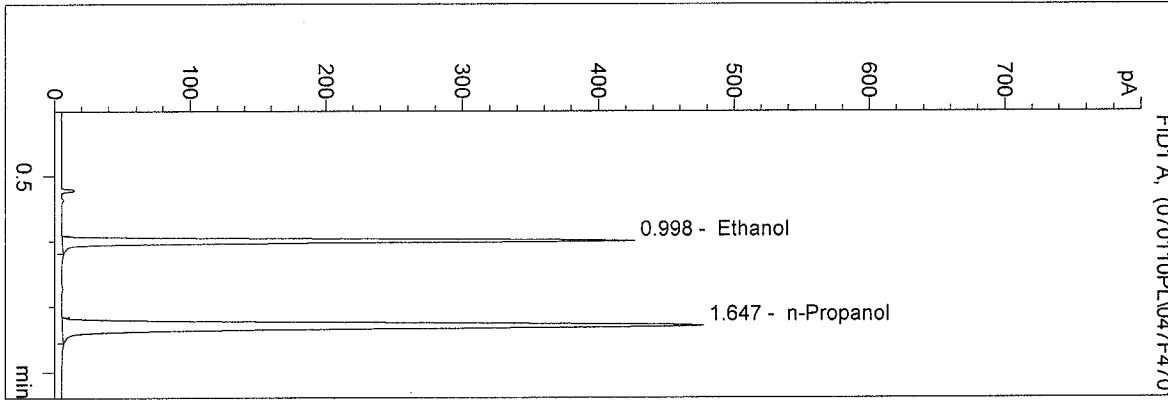


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 3:08:30 PM
 Instrument 4
 DB-ALC1

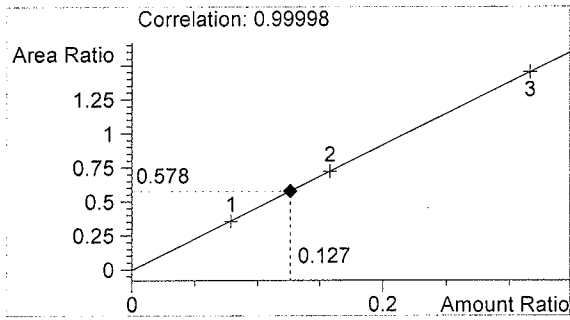
QA 07004
 P LONG

vial # 47

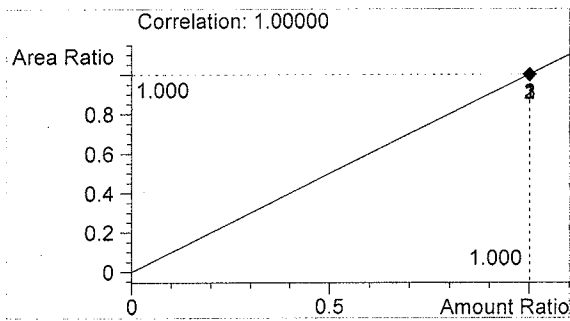


#	Compound	Area	RT
1	Ethanol	857	0.998
2	n-Propanol	1484	1.647

Totals:



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator: Estuardo J.Miranda
 Data File Naming: Auto
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 070110JM
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none
 Sequence Comment:

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
====	=====	=====	=====	===	=====	=====	=====
1	Vial 1	BLANK	BLDALCO	1	Sample		
2	Vial 2	QA Sol 07004-1	BLDALCO	1	Sample		
3	Vial 3	QA Sol 07004-2	BLDALCO	1	Sample		
4	Vial 4	QA Sol 07004-3	BLDALCO	1	Sample		
5	Vial 5	QA Sol 07004-4	BLDALCO	1	Sample		
6	Vial 6	QA Sol 07004-5	BLDALCO	1	Sample		
7	Vial 7	0.100 Control	BLDALCO	1	Ctrl Samp		
8	Vial 8	Blank	BLDALCO	1	Sample		
9	Vial 9	QA Sol 07005-1	BLDALCO	1	Sample		
10	Vial 10	QA Sol 07005-2	BLDALCO	1	Sample		
11	Vial 11	QA Sol 07005-3	BLDALCO	1	Sample		
12	Vial 12	QA Sol 07005-4	BLDALCO	1	Sample		
13	Vial 13	QA Sol 07005-5	BLDALCO	1	Sample		
14	Vial 14	0.100 Control	BLDALCO	1	Ctrl Samp		
15	Vial 15	Blank	BLDALCO	1	Sample		

Sequence Table (Back Injector):

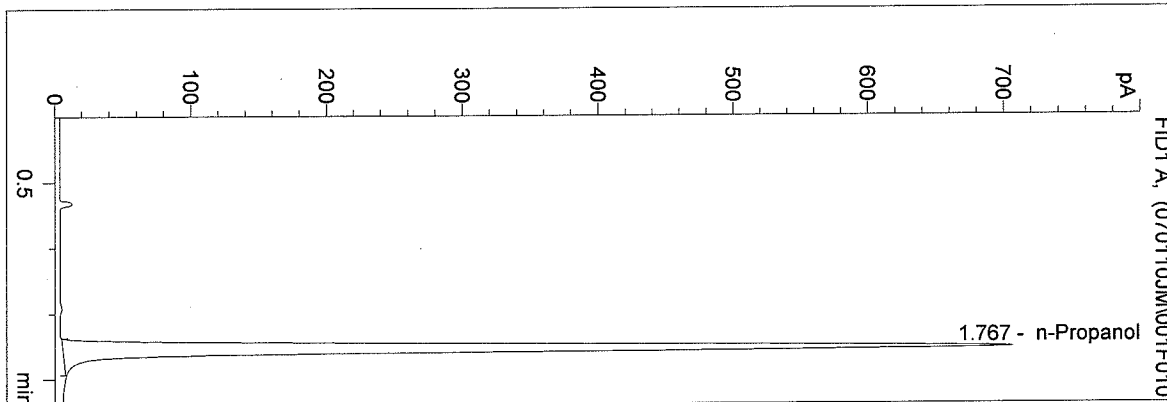
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:38:50 PM
 Instrument 1
 DB ALC 1

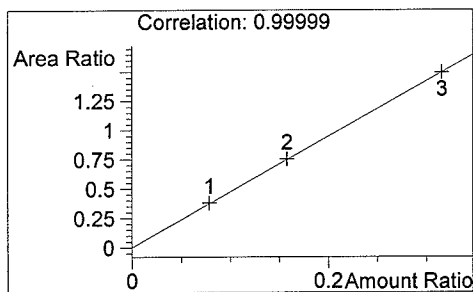
BLANK
 Estuardo J.Miranda

vial # 1



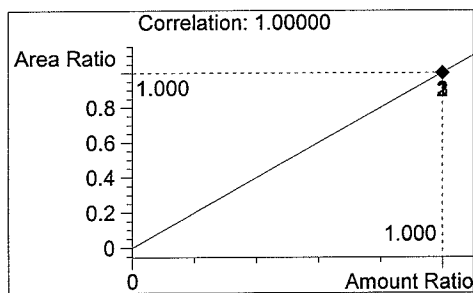
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2797	1.767

Tot



Ethanol

0.000 g/100ml



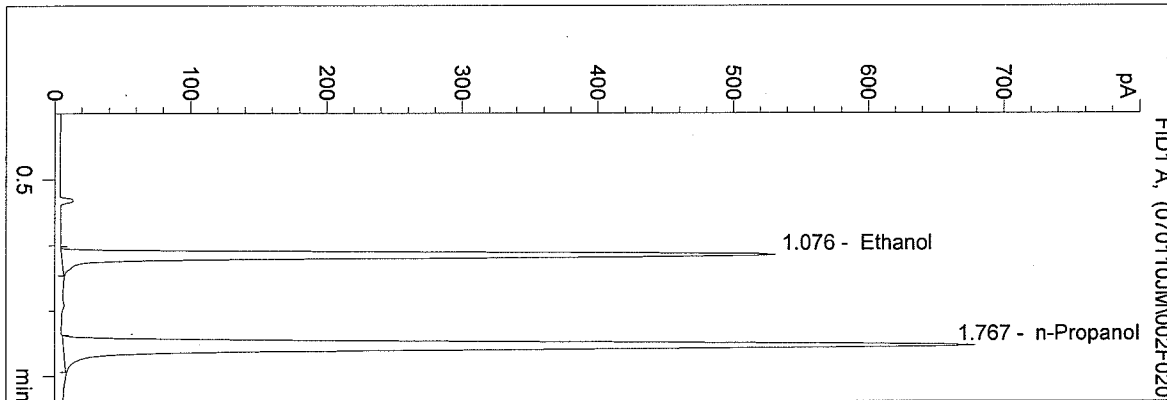
n-Propanol

1.000 g/100ml

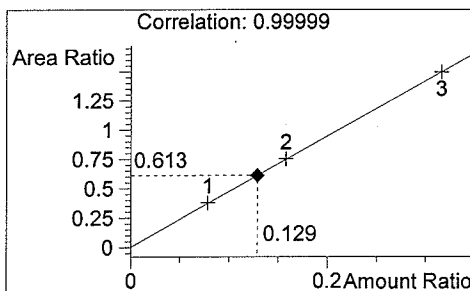
C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:41:54 PM
 Instrument 1
 DB ALC 1

QA Sol 07004-1
 Estuardo J.Miranda

vial # 2

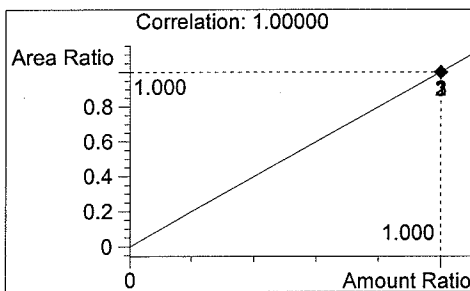


#	Compound	Area	RT
1	Ethanol	1644	1.076
2	n-Propanol	2684	1.767
Tot			



Ethanol

0.129 g/100ml



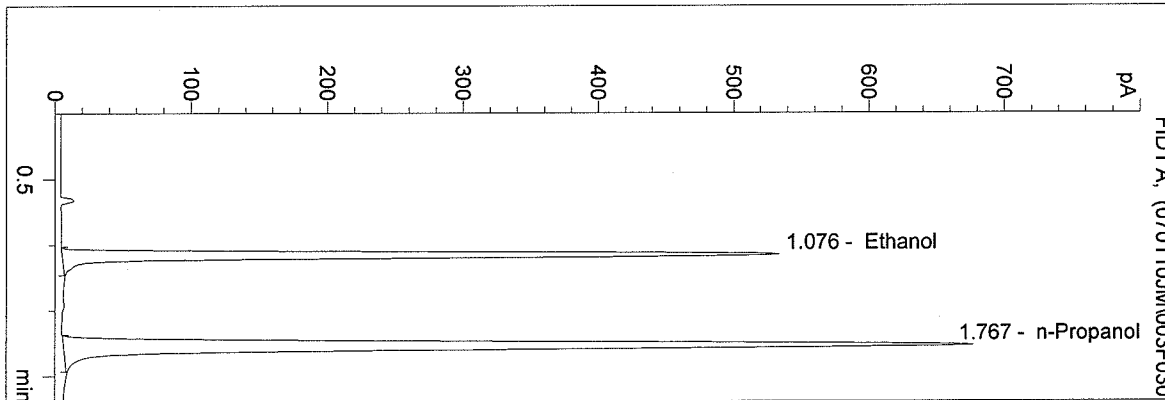
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:44:59 PM
 Instrument 1
 DB ALC 1

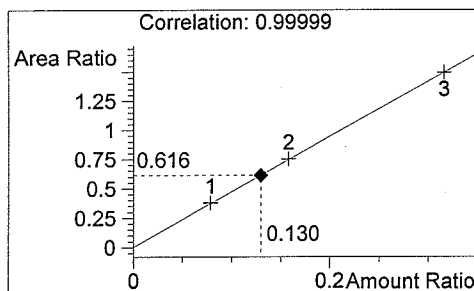
QA Sol 07004-2
 Estuardo J.Miranda

vial # 3



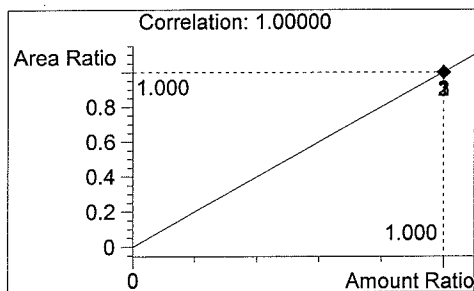
#	Compound	Area	RT
1	Ethanol	1653	1.076
2	n-Propanol	2685	1.767

Tot



Ethanol

0.130 g/100ml



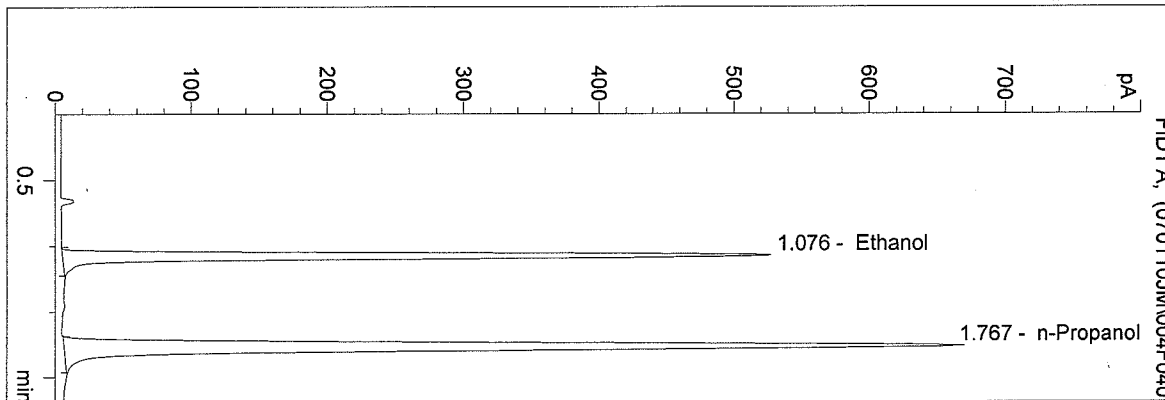
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:48:04 PM
 Instrument 1
 DB ALC 1

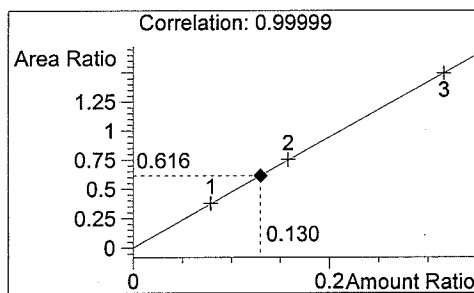
QA Sol 07004-3
 Estuardo J.Miranda

vial # 4



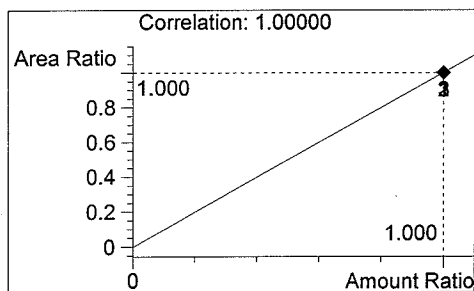
#	Compound	Area	RT
1	Ethanol	1632	1.076
2	n-Propanol	2647	1.767

Tot



Ethanol

0.130 g/100ml



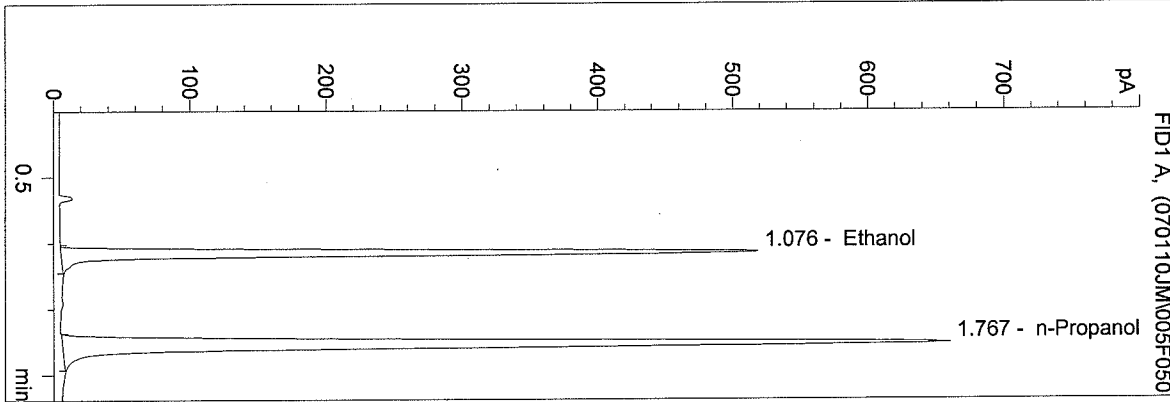
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:51:09 PM
 Instrument 1
 DB ALC 1

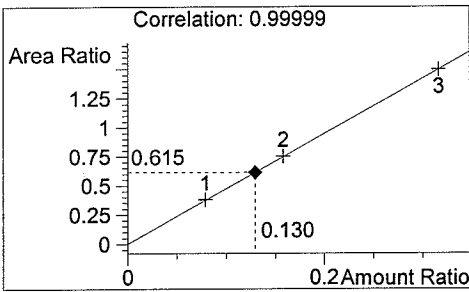
QA Sol 07004-4
 Estuardo J.Miranda

vial # 5



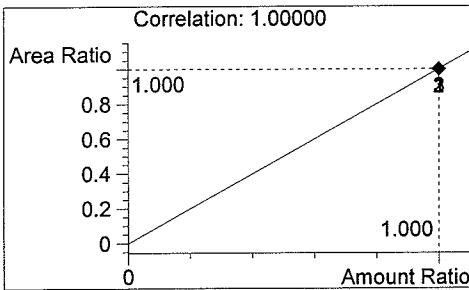
#	Compound	Area	RT
1	Ethanol	1607	1.076
2	n-Propanol	2611	1.767

Tot



Ethanol

0.130 g/100ml



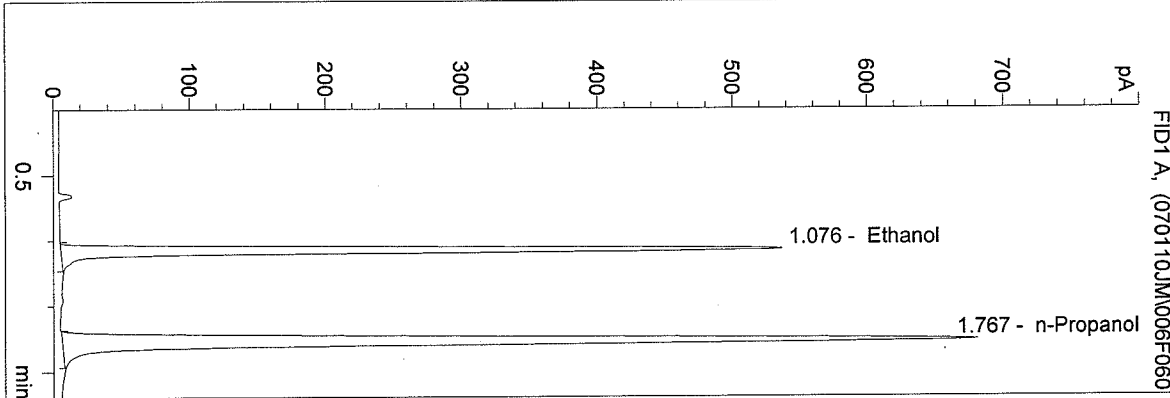
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:54:13 PM
 Instrument 1
 DB ALC 1

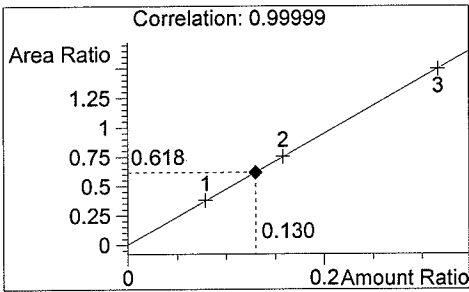
QA Sol 07004-5
 Estuardo J.Miranda

vial # 6



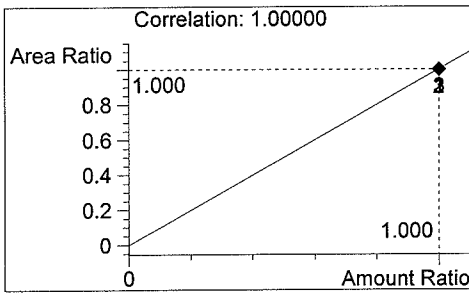
#	Compound	Area	RT
1	Ethanol	1663	1.076
2	n-Propanol	2690	1.767

Tot



Ethanol

0.130 g/100ml



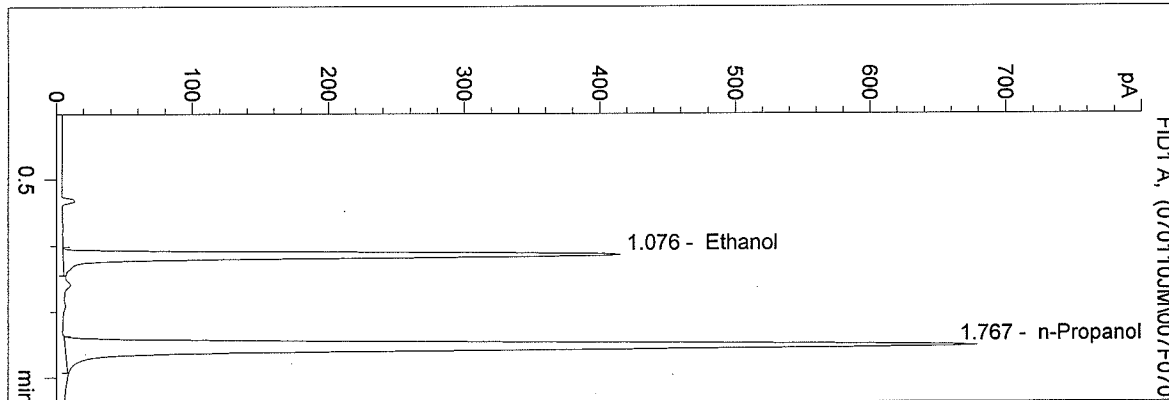
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 5:57:18 PM
 Instrument 1
 DB ALC 1

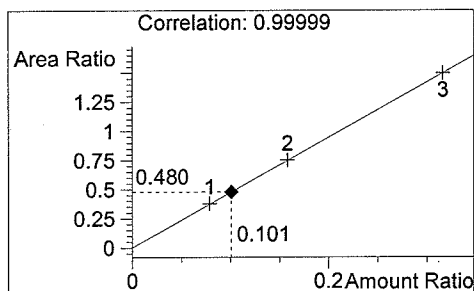
0.100 Control
 Estuardo J.Miranda

vial # 7



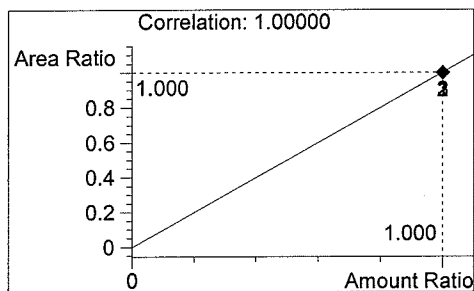
#	Compound	Area	RT
1	Ethanol	1289	1.076
2	n-Propanol	2684	1.767

Tot



Ethanol

0.101 g/100ml



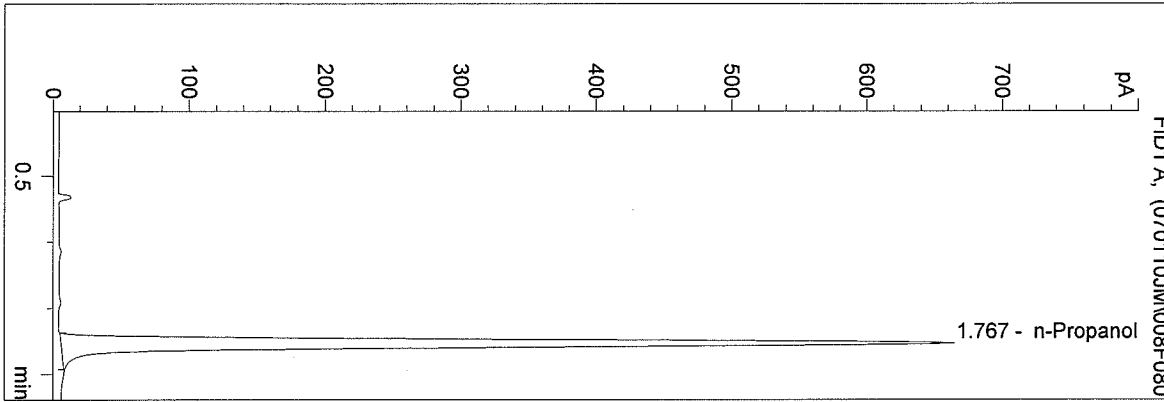
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 6:00:23 PM
 Instrument 1
 DB ALC 1

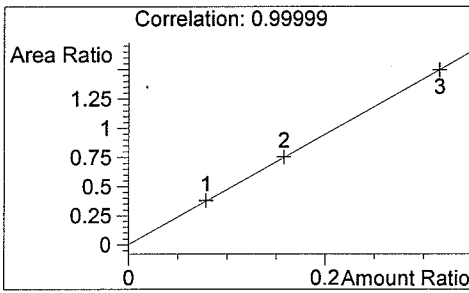
Blank
 Estuardo J.Miranda

vial # 8



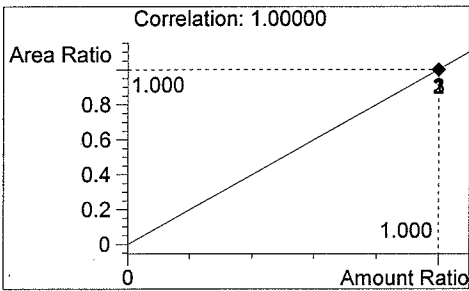
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2630	1.767

Tot



Ethanol

0.000 g/100ml



n-Propanol

1.000 g/100ml