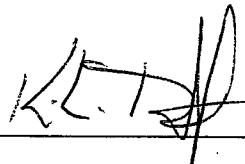


Notice of Simulator Solution File Review

At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution data entry form along with a file review record and the chromatograms generated by the Toxicology Laboratory during the analyses of the solutions. This file has been reviewed by Tpr. Ken Denton and Mr. Rod Gullberg for accuracy and completeness. Where computations regarding simulator solution values have been found to be incorrect, the corrected values have been written in by Mr. Rod Gullberg along with initials and date. The corrected values were then evaluated to ensure that the solution still conformed to those standards established by the State Toxicologist.

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

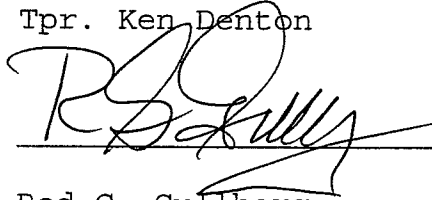
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.



10/18/2007

Tpr. Ken Denton

Date



10-18-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROSS GULLBERG Date 10-9-07
Location TOX LAB SEATTLE Batch Number 05014

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:

CONTROL VALUE FOR ASA LOUIS IS INCORRECT

Comments:

Reviewer Signature:  Date: 10-9-07
Reviewer Signature:  Date: 10/9/2007

9/26/2007

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 **05014**

Date: 3/21/2005

Preparation: 42.3 mL of absolute ethyl alcohol diluted to 18 Liters with water

Concentration of ethanol (g/100mL) measured by gas chromatography:


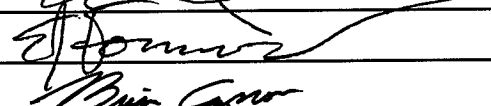
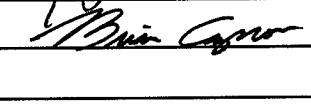
	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12
1	0.185	0.185	0.184									
2	0.185	0.185	0.185									
3	0.186	0.185	0.185									
4	0.186	0.184	0.185									
5	0.186	0.186	0.186									
Ctrl	0.099	0.098	0.099									

0.100
RFB
10-11-07

External Control:
 Lot #: A028603 Exp date: 12/07
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.1852 g/100 mL
 SD: 0.00068
 Range (3xSD): 0.1832 to 0.1872
 Precision CV (%): 0.3651 %

Equivalent vapor concent.: 0.1506 g/210L

Analyst	Name	Signature	Date
1	Asa Louis		03/21/2005
2	Edward Formoso		03/21/2005
3	Brian Capron		03/22/2005
4			
5			
6			
7			
8			
9			
10			
11			
12			

Prepared by: Asa Louis according to the approved protocol



STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Asa J. Louis, do certify under penalty of perjury as follows:

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

I possess the following qualifications: BS degree in Biochemistry and seven years in Toxicology.

The quality assurance solution, Lot Number 05014, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1852 grams per 100ml.

Dated: 3/23/05
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/la
AJLQA

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.

2007 OCT 18



STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Edward J. Formoso, do certify under penalty of perjury as follows:

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: B.S. degree in Chemistry and twenty-eight years experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 05014, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1852 grams per 100ml.

Dated: 3/23/05
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/la
EFQA



STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

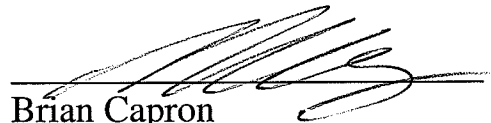
I, Brian Capron, do certify under penalty of perjury as follows:

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 eight years of experience in forensic toxicology.

The quality assurance solution, Lot Number 05014, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1852 grams per 100ml.

Dated: 3/23/05
Seattle, WA


Brian Capron
Forensic Toxicologist

BC/la
BCQA

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.

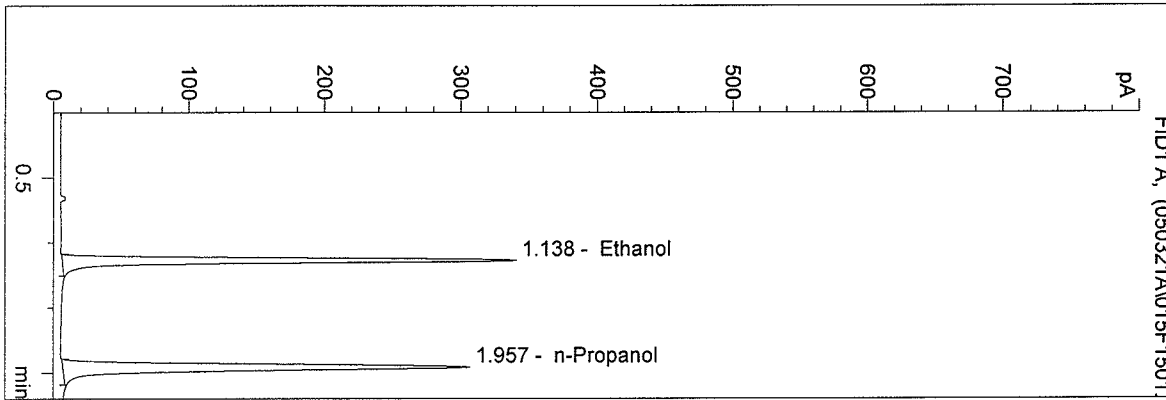
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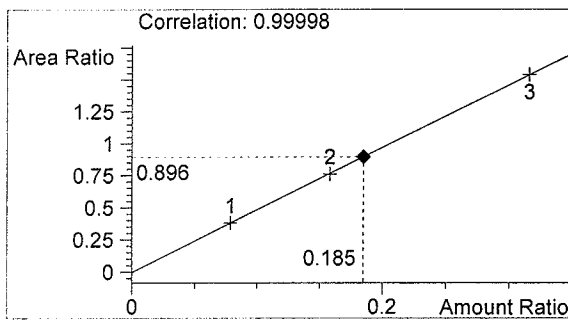
05014a
 alouis

vial # 15

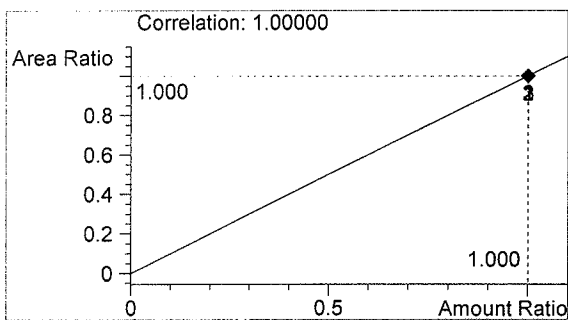


#	Compound	Area	RT
1	Ethanol	900	1.138
2	n-Propanol	1005	1.957

Totals:



Ethanol 0.185 g/100ml

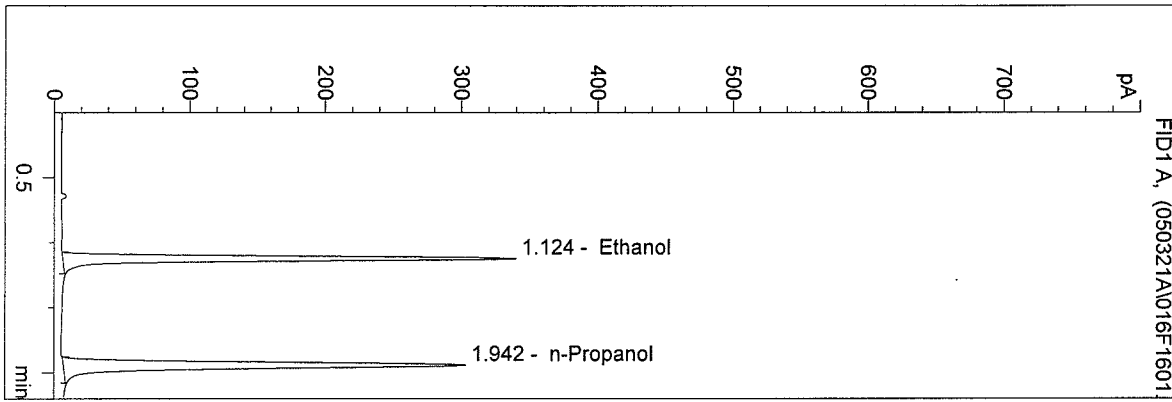


n-Propanol 1.000 g/100ml

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 DB-ALC2

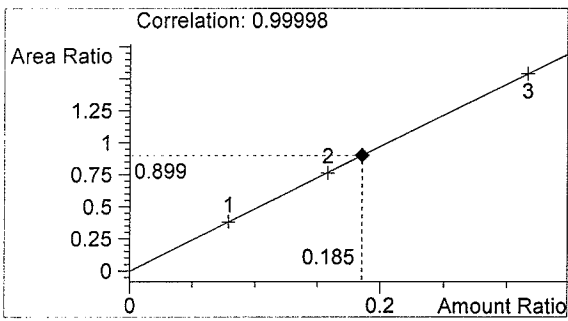
05014b
 alouis

vial # 16

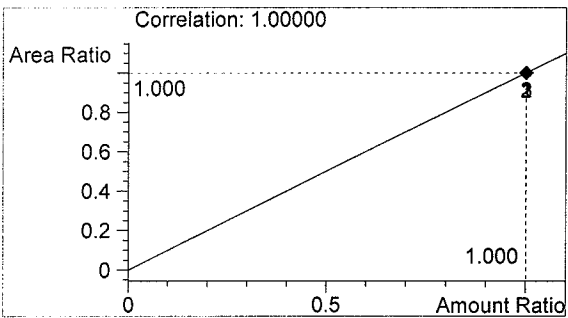


#	Compound	Area	RT
1	Ethanol	883	1.124
2	n-Propanol	982	1.942

Totals:



Ethanol 0.185 g/100ml

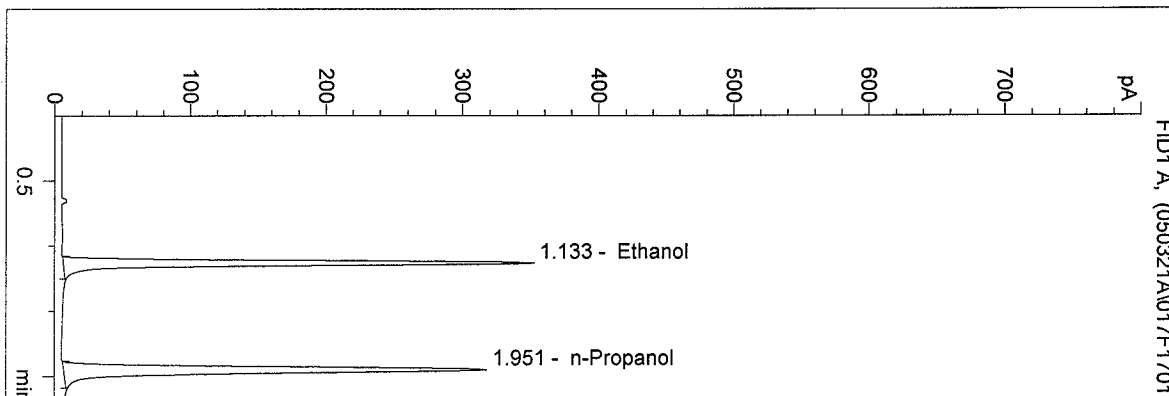


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

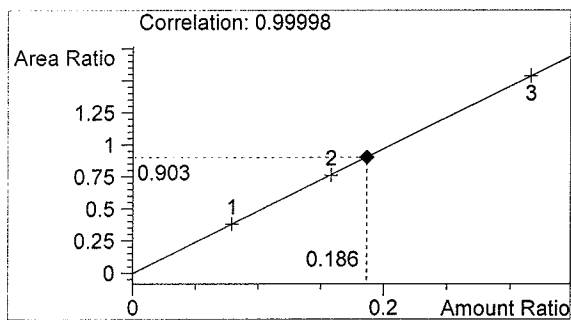
05014c
 alouis

vial # 17

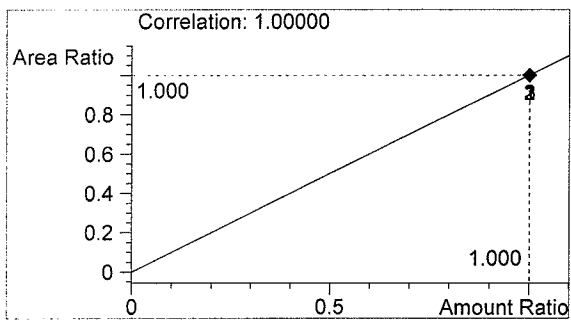


#	Compound	Area	RT
1	Ethanol	945	1.133
2	n-Propanol	1046	1.951

Totals:



Ethanol 0.186 g/100ml

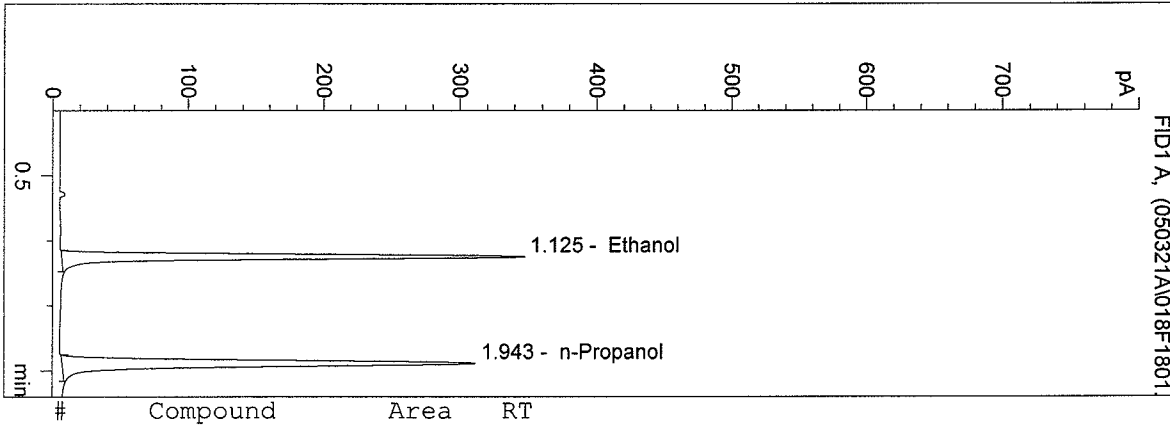


n-Propanol 1.000 g/100ml

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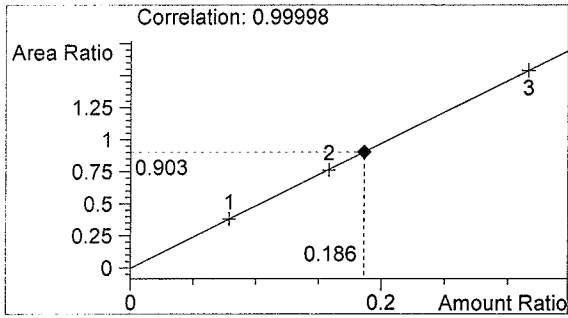
05014d
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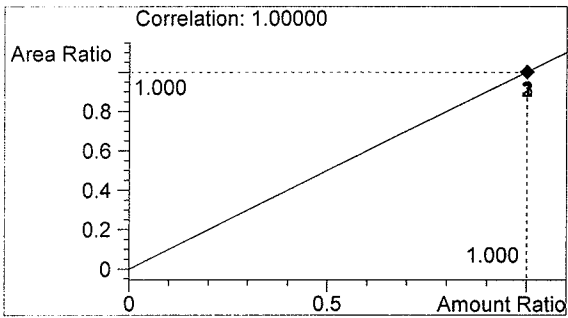


#	Compound	Area	RT
1	Ethanol	921	1.125
2	n-Propanol	1020	1.943

Totals:



Ethanol 0.186 g/100ml

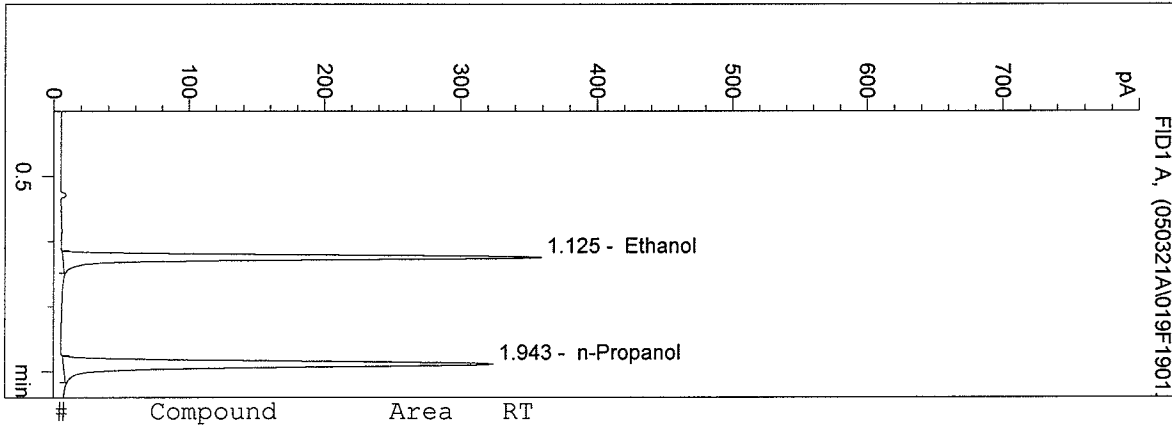


n-Propanol 1.000 g/100ml

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 DB-ALC2

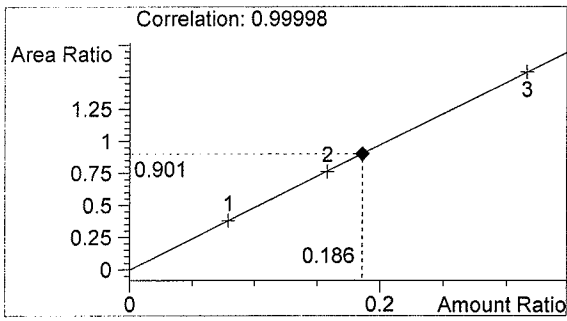
05014e
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vial # 19

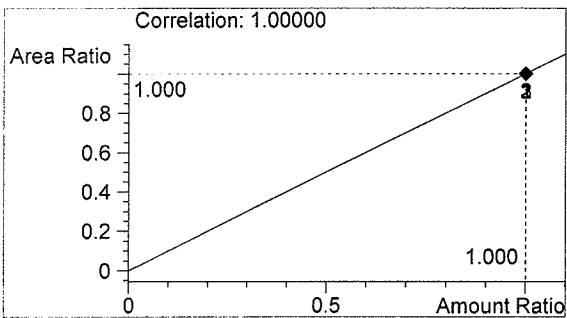


#	Compound	Area	RT
1	Ethanol	960	1.125
2	n-Propanol	1066	1.943

Totals:



Ethanol 0.186 g/100ml

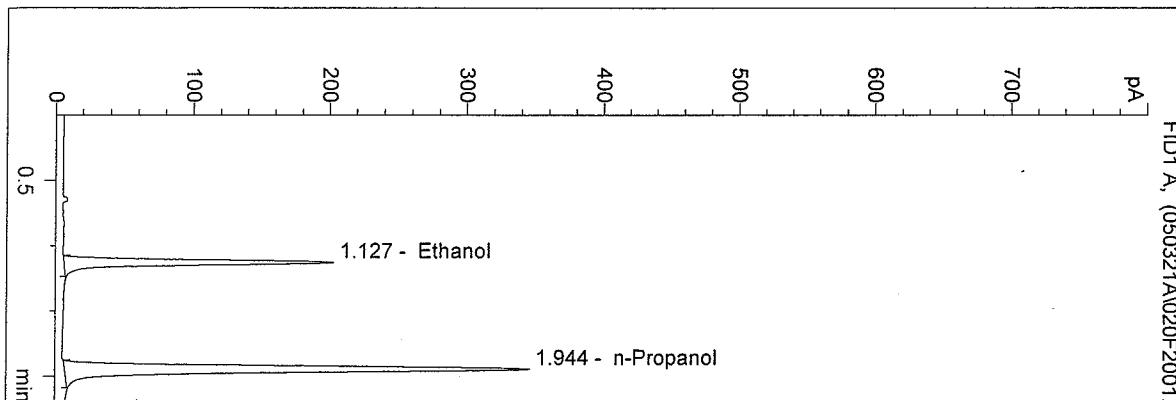


n-Propanol 1.000 g/100ml

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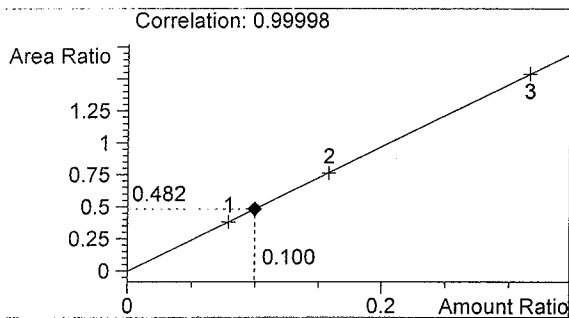
0.10 con
 alouis

vial # 20

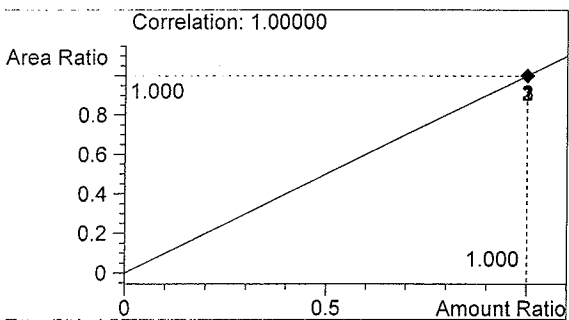


#	Compound	Area	RT
1	Ethanol	554	1.127
2	n-Propanol	1151	1.944

Totals:



Ethanol 0.100 g/100ml

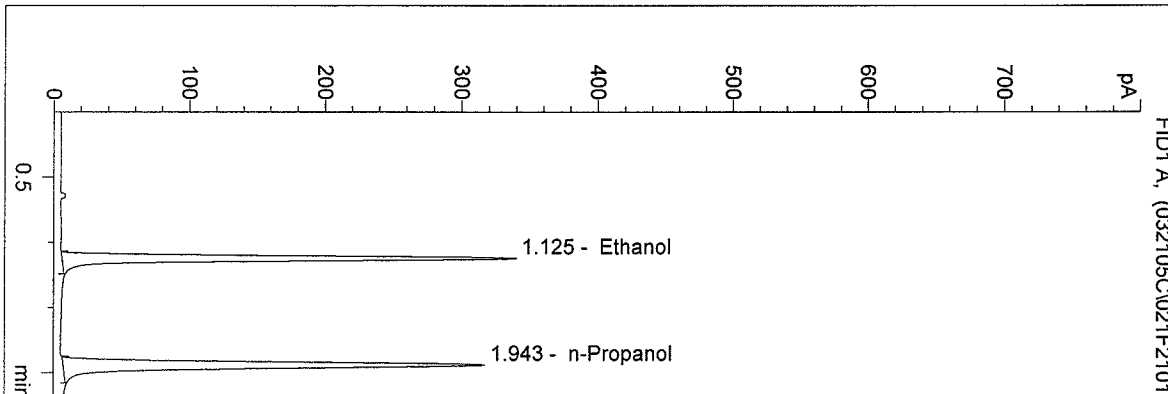


n-Propanol 1.000 g/100ml

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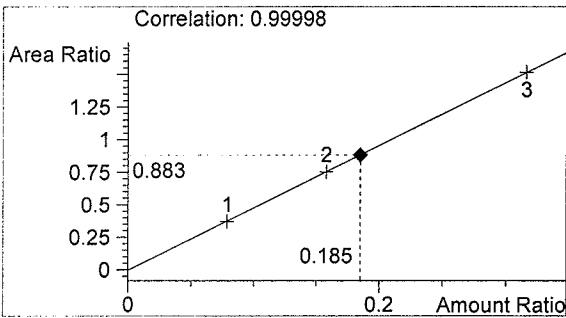
05014
 ED FORMOSO

vial # 21

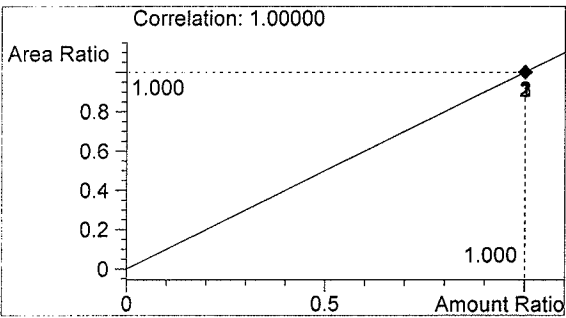


#	Compound	Area	RT
1	Ethanol	925	1.125
2	n-Propanol	1048	1.943

Totals:



Ethanol 0.185 g/100ml

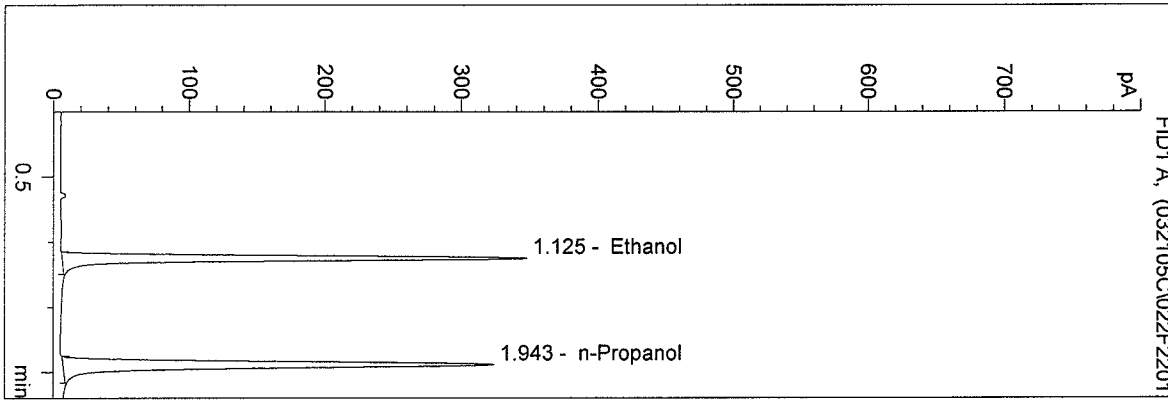


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 12:01:41 PM
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 DB-ALC2

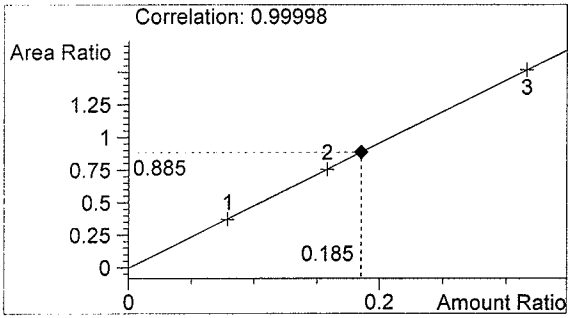
05014
 ED FORMOSO

vial # 22

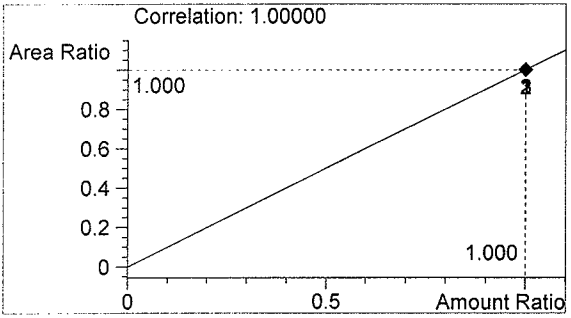


#	Compound	Area	RT
1	Ethanol	954	1.125
2	n-Propanol	1078	1.943

Totals:



Ethanol 0.185 g/100ml

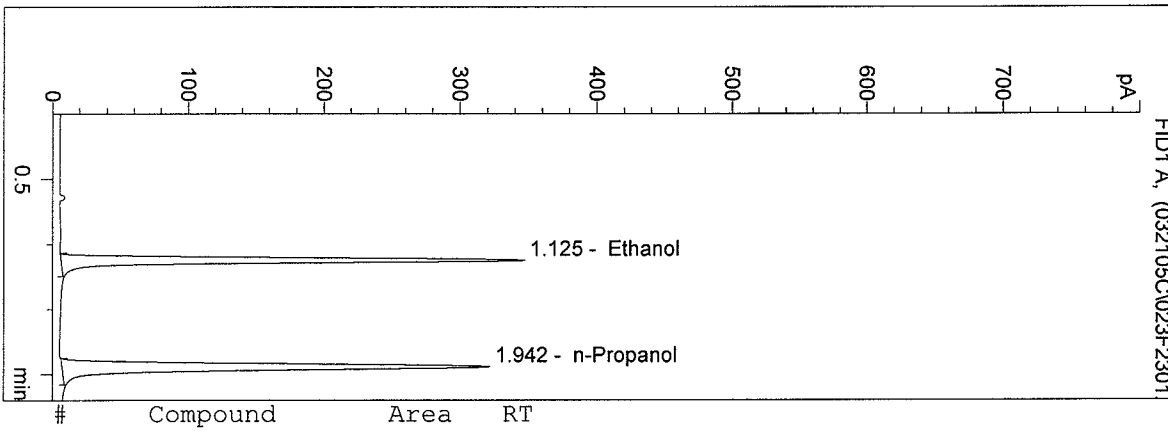


n-Propanol 1.000 g/100ml

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 3/21/2005 12:04:25 PM
 Instrument 5
 DB-ALC2

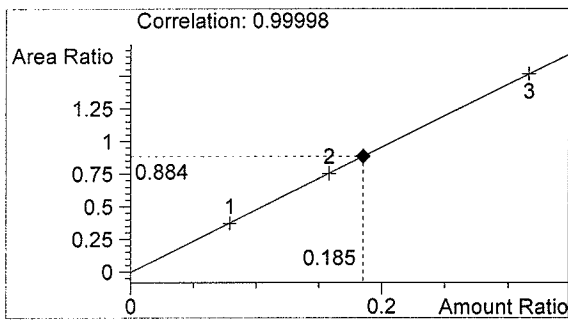
05014
 ED FORMOSO

vial # 23

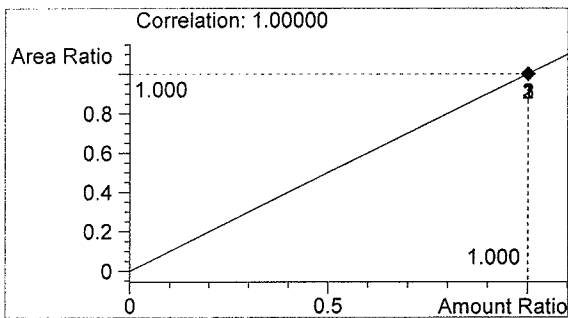


#	Compound	Area	RT
1	Ethanol	941	1.125
2	n-Propanol	1064	1.942

Totals:



Ethanol 0.185 g/100ml

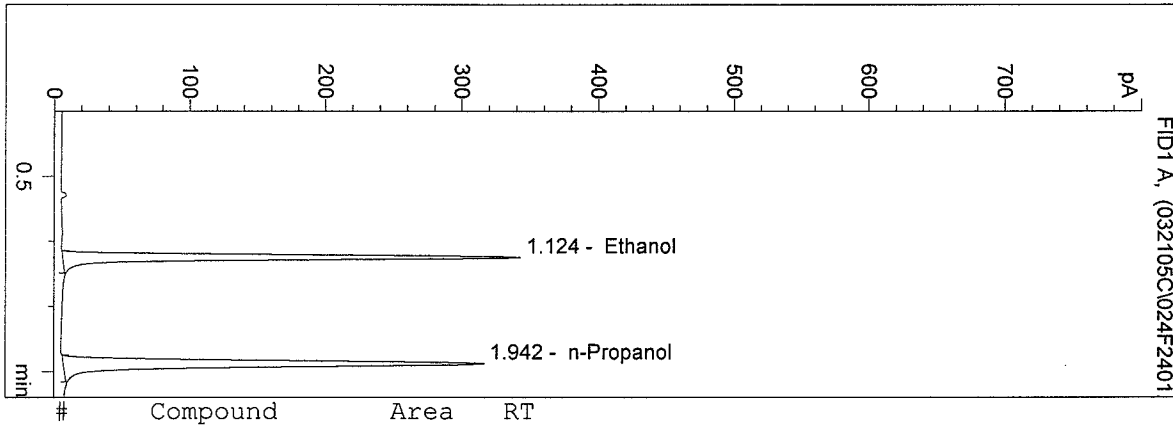


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 12:07:24 PM
 Instrument 5
 DB-ALC2

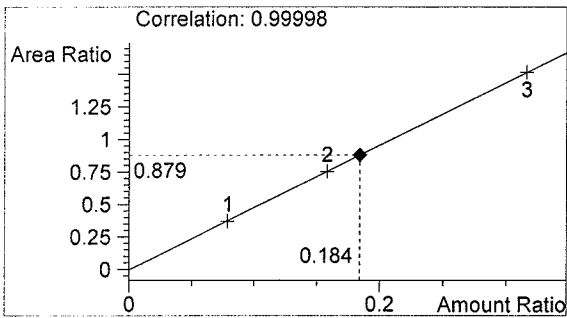
05014
 ED FORMOSO

vial # 24

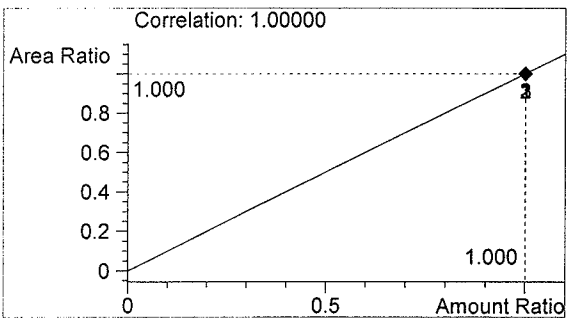


#	Compound	Area	RT
1	Ethanol	919	1.124
2	n-Propanol	1045	1.942

Totals:



Ethanol 0.184 g/100ml

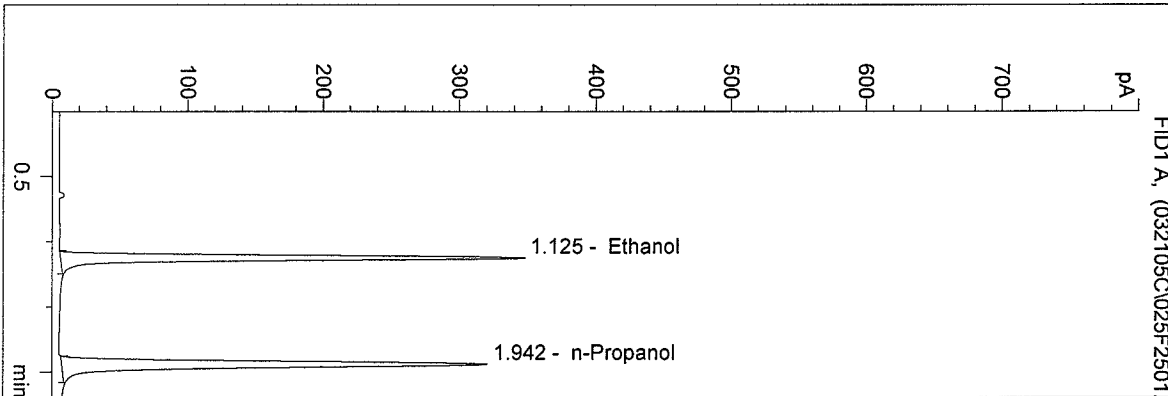


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 12:10:38 PM
 Instrument 5
 DB-ALC2

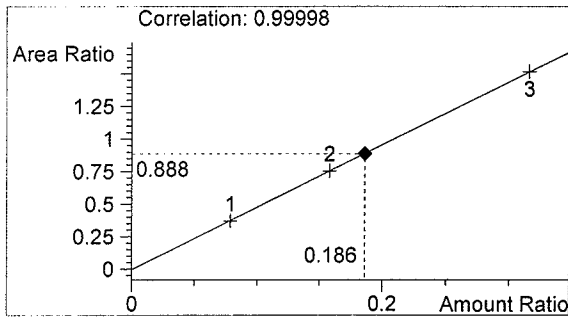
05014
 ED FORMOSO

vial # 25

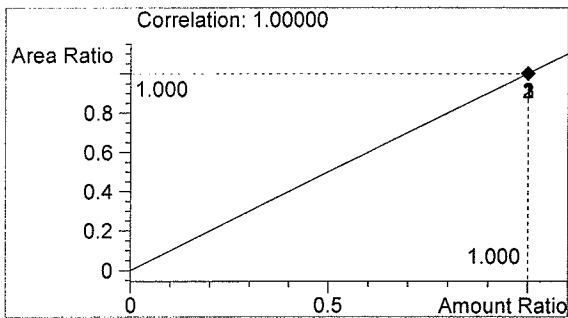


#	Compound	Area	RT
1	Ethanol	941	1.125
2	n-Propanol	1060	1.942

Totals:



Ethanol 0.186 g/100ml

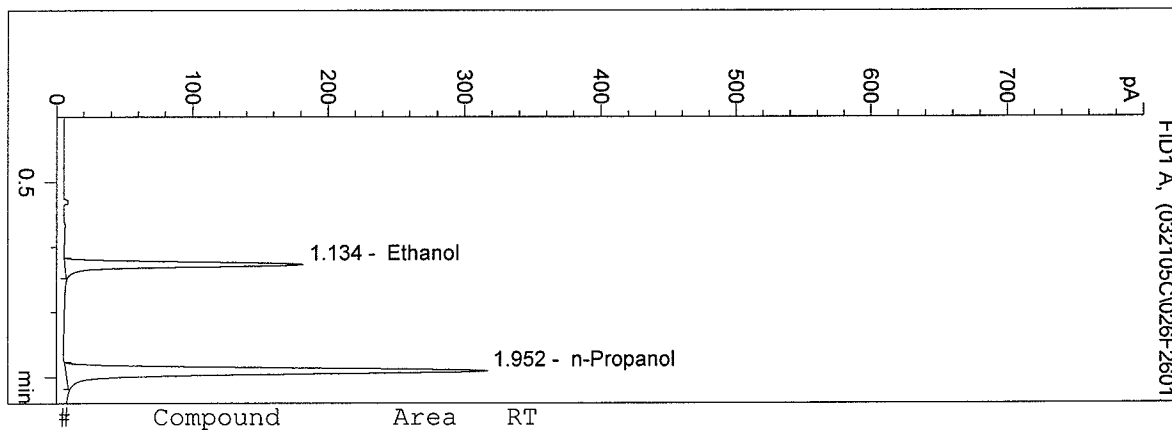


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 12:13:37 PM
 Instrument 5
 DB-ALC2

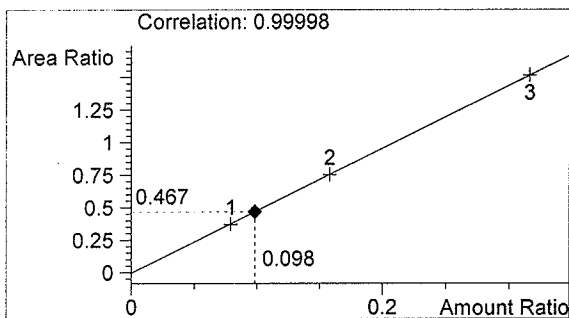
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 ED FORMOSO

vial # 26

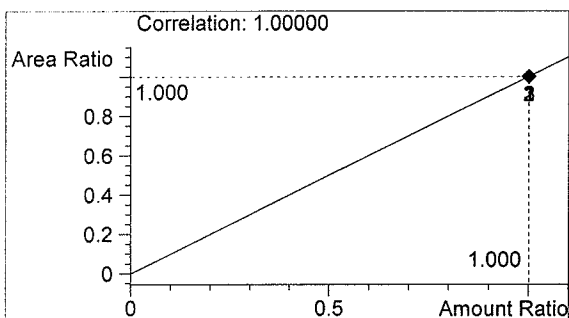


#	Compound	Area	RT
1	Ethanol	489	1.134
2	n-Propanol	1048	1.952

Totals:



Ethanol 0.098 g/100ml

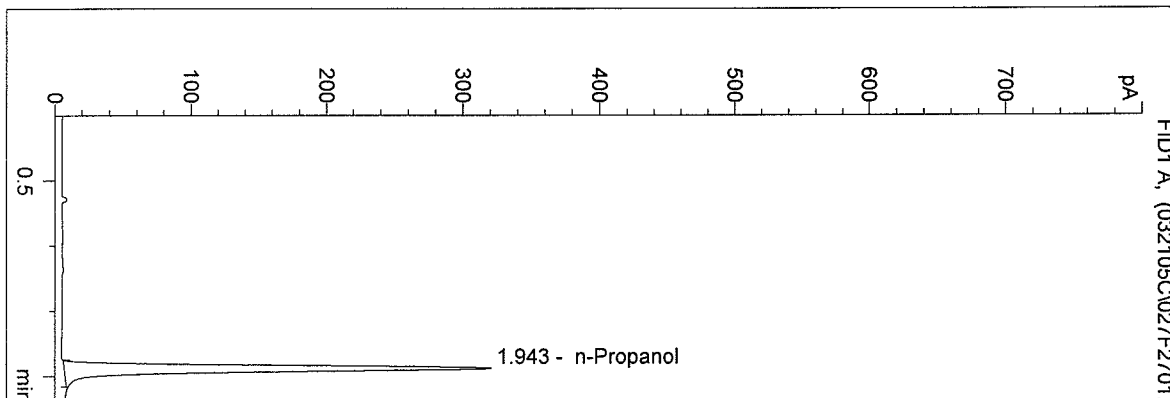


n-Propanol 1.000 g/100ml

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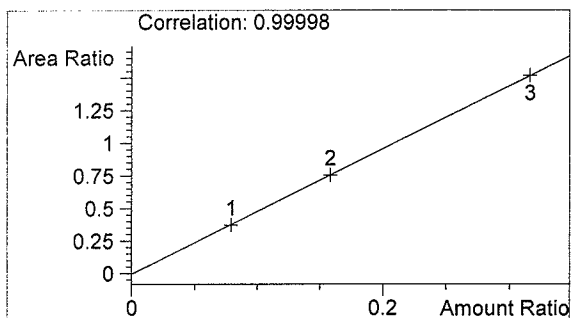
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 ED FORMOSO

vial # 27

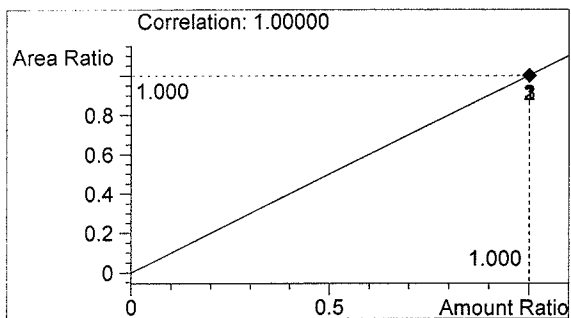


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1062	1.943

Totals:



Ethanol 0.000 g/100ml

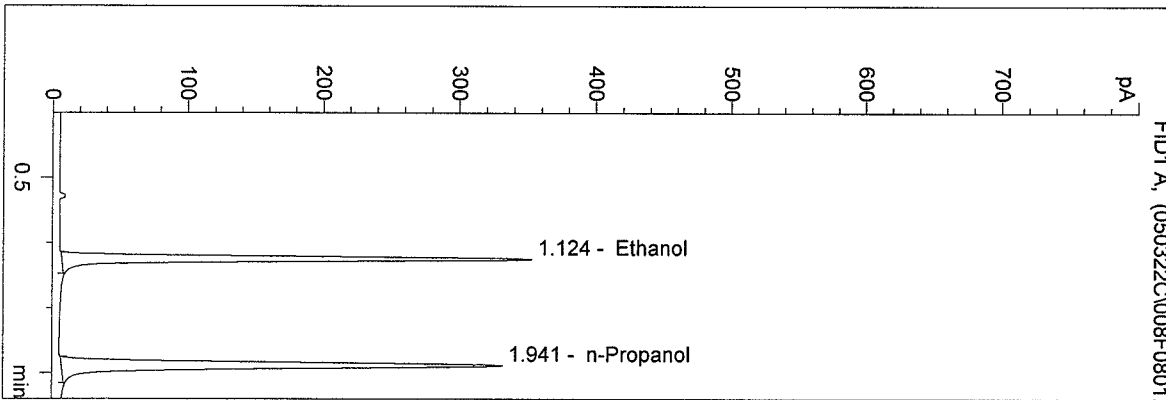


n-Propanol 1.000 g/100ml

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 DB-ALC2

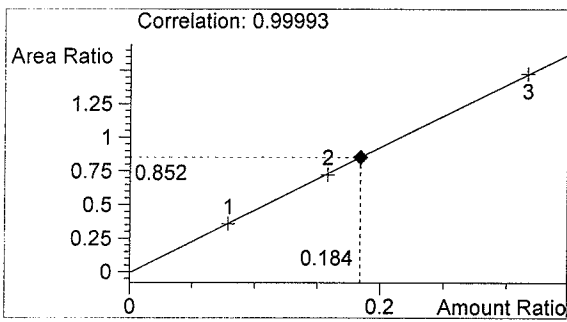
05014#1
 bcapron

vial # 8

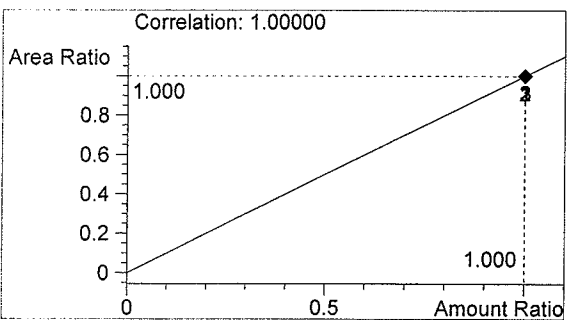


#	Compound	Area	RT
1	Ethanol	925	1.124
2	n-Propanol	1085	1.941

Totals:



Ethanol 0.184 g/100ml

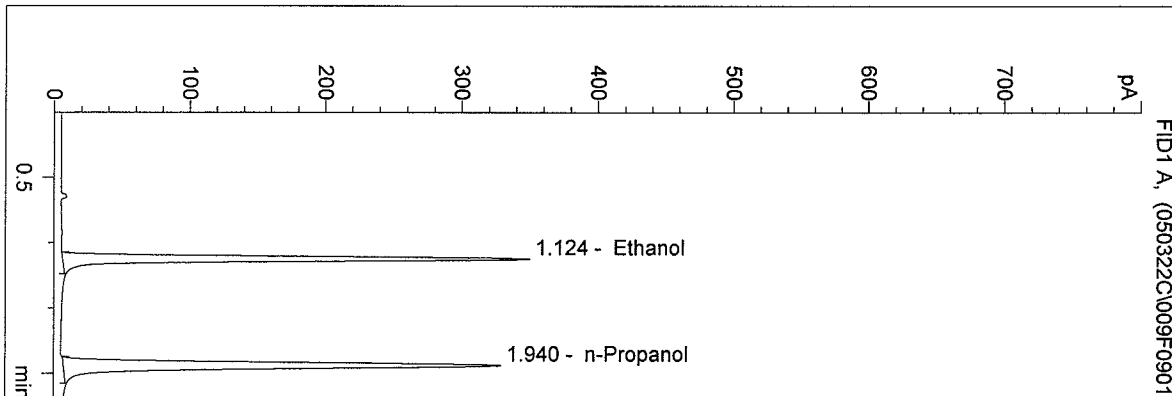


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

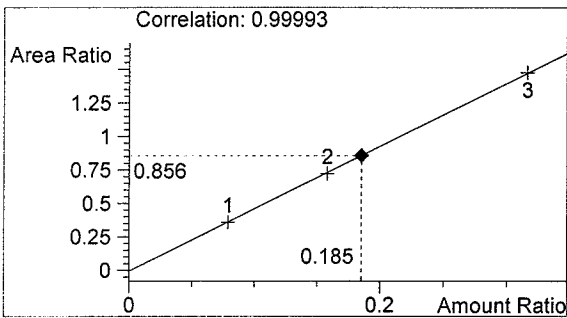
05014#2
 bcapron

vial # 9

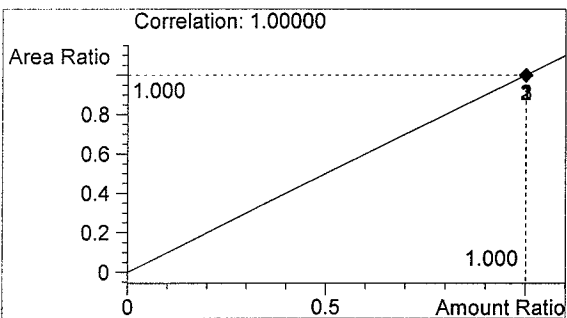


#	Compound	Area	RT
1	Ethanol	920	1.124
2	n-Propanol	1075	1.940

Totals:



Ethanol 0.185 g/100ml

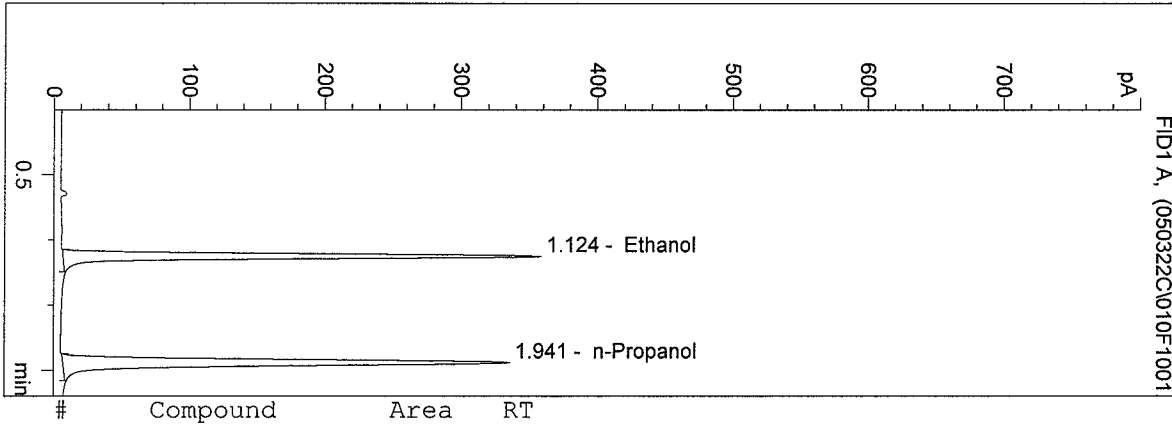


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 12:10:09 PM
 Instrument 5
 DB-ALC2

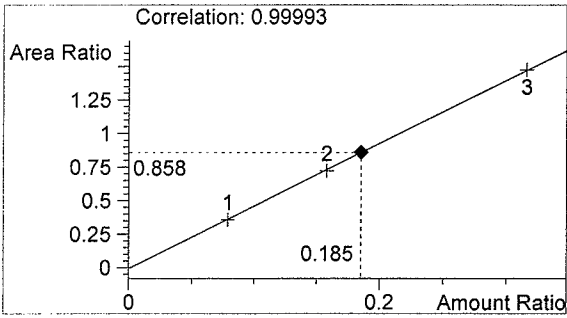
05014#3
 bcapron

vial # 10

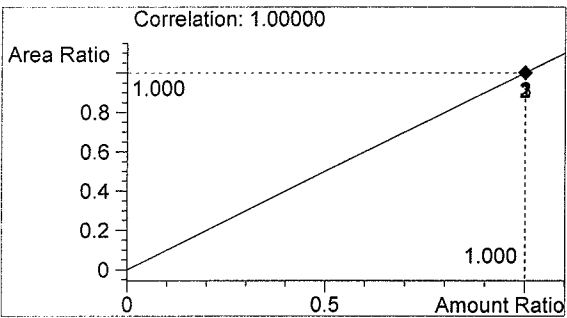


#	Compound	Area	RT
1	Ethanol	943	1.124
2	n-Propanol	1100	1.941

Totals:



Ethanol 0.185 g/100ml

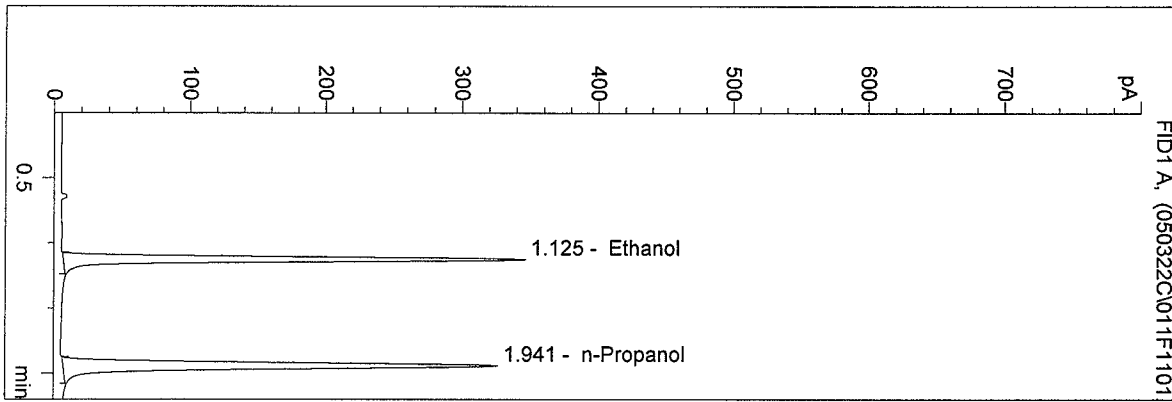


n-Propanol 1.000 g/100ml

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 3/22/2005 12:12:57 PM
 Instrument 5
 DB-ALC2

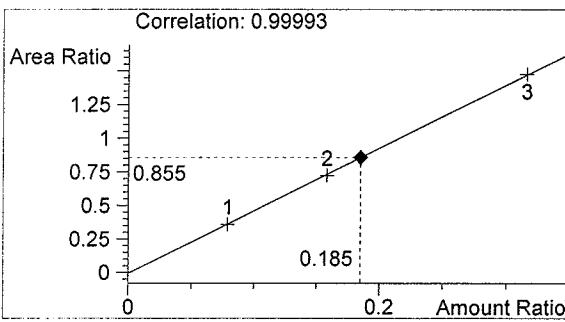
05014#4
 bcapron

vial # 11

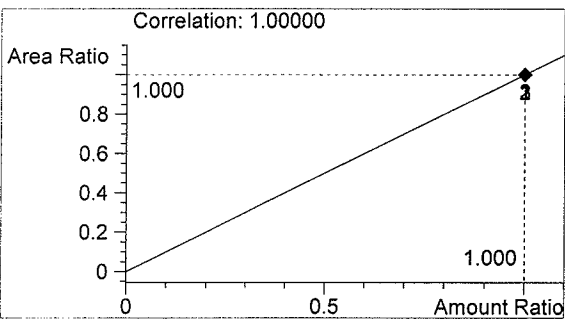


#	Compound	Area	RT
1	Ethanol	915	1.125
2	n-Propanol	1070	1.941

Totals:



Ethanol 0.185 g/100ml

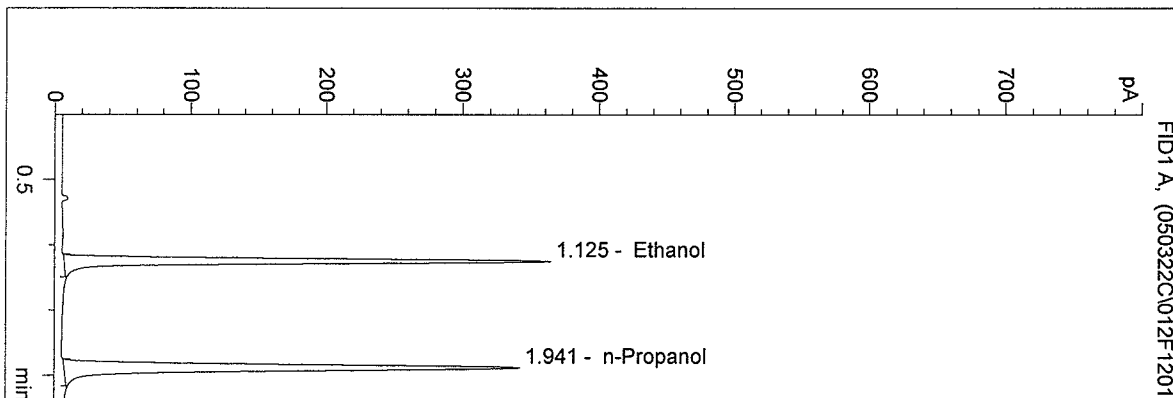


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 12:15:51 PM
 Instrument 5
 DB-ALC2

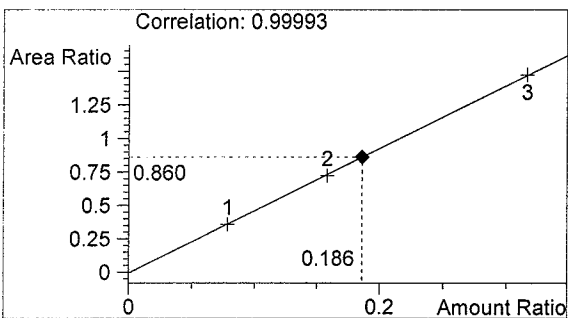
05014#5
 bcapron

vial # 12

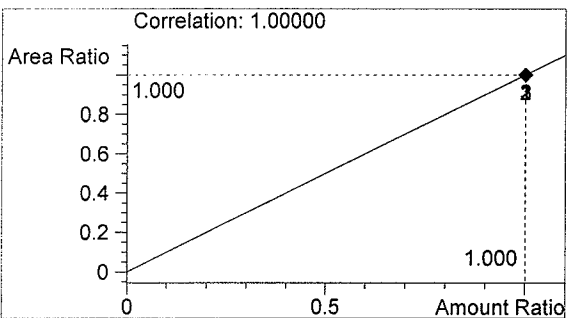


#	Compound	Area	RT
1	Ethanol	968	1.125
2	n-Propanol	1125	1.941

Totals:



Ethanol 0.186 g/100ml

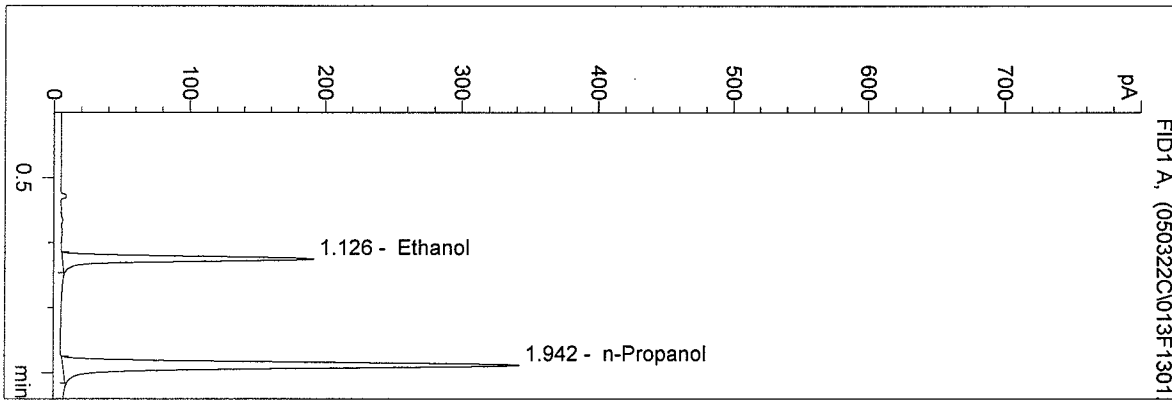


n-Propanol 1.000 g/100ml

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 3/22/2005 12:19:05 PM
 Instrument 5
 DB-ALC2

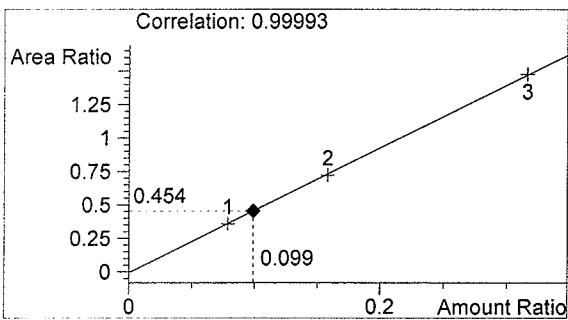
0.10 control
 bcapron

vial # 13

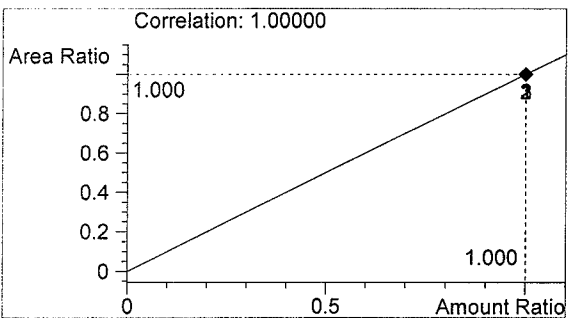


#	Compound	Area	RT
1	Ethanol	511	1.126
2	n-Propanol	1124	1.942

Totals:



Ethanol 0.099 g/100ml

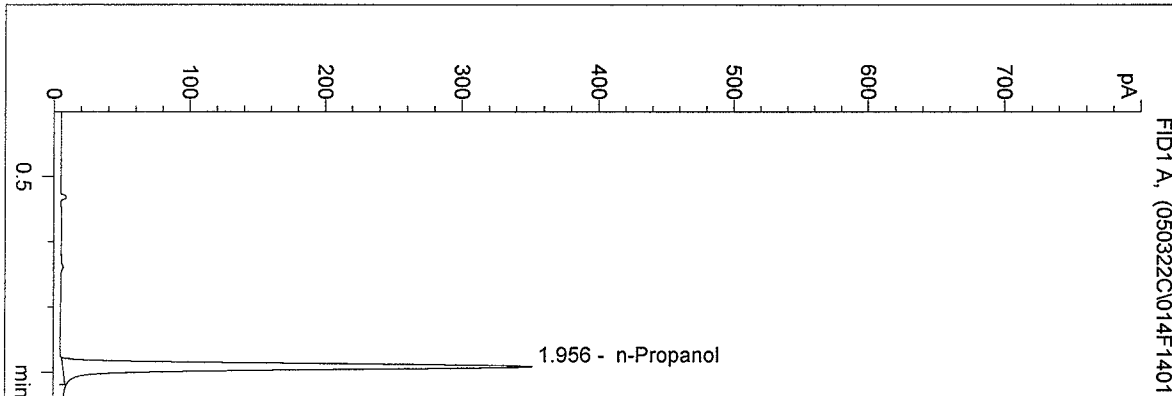


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 12:22:11 PM
 Instrument 5
 DB-ALC2

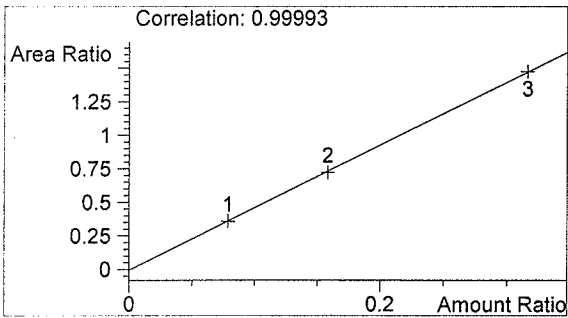
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 bcapron

vial # 14

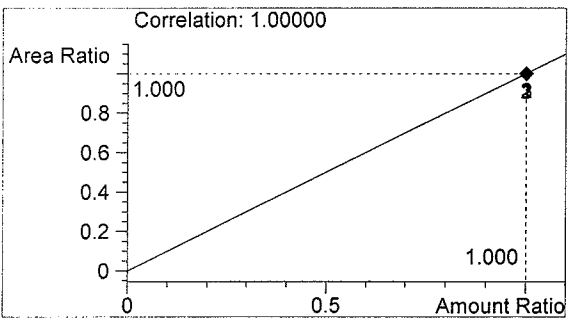


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1158	1.956

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml