

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.

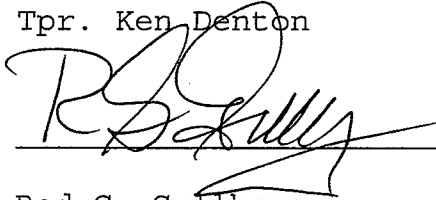
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.



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 BENTON / ROD GULLBERG Date 10-9-07
Location TOX LAB SEATTLE Batch Number 05011

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 INCORRECT

Comments:

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

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 **0.04 g/210L Quality Assurance solution**

Batch number **05011**

Date: 3/21/2005

Preparation: 11.1 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	0.049	0.049	0.049									
2	0.049	0.049	0.049									
3	0.049	0.049	0.049									
4	0.049	0.049	0.049									
5	0.049	0.049	0.049									
Ctrl	0.099	0.099	0.099									

External Control:

Lot #: A028603 Exp date: 12/07

Target concentration: 0.10 g/100mL

Statistics:


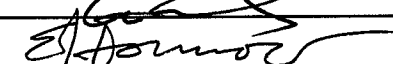
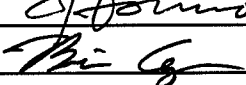
Avg. solution concent.: 0.0490 g/100 ml

SD: ? 0.00000

Range (3xSD): 0.0490 to 0.0490

Precision CV (%): 0.0000 %

Equivalent vapor concent.: 0.0398 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

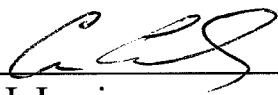
I, Asa J. Louis, do certify under penalty of perjury as follows:

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 05011, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0490 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





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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 05011, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0490 grams per 100ml.

Dated: 3/23/05
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/la
EFQA





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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

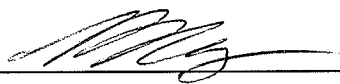
I, Brian Capron, do certify under penalty of perjury as follows:

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 05011, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0490 grams per 100ml.

Dated: 3/23/05
Seattle, WA



Brian Capron
Forensic Toxicologist

BC/la
BCQA

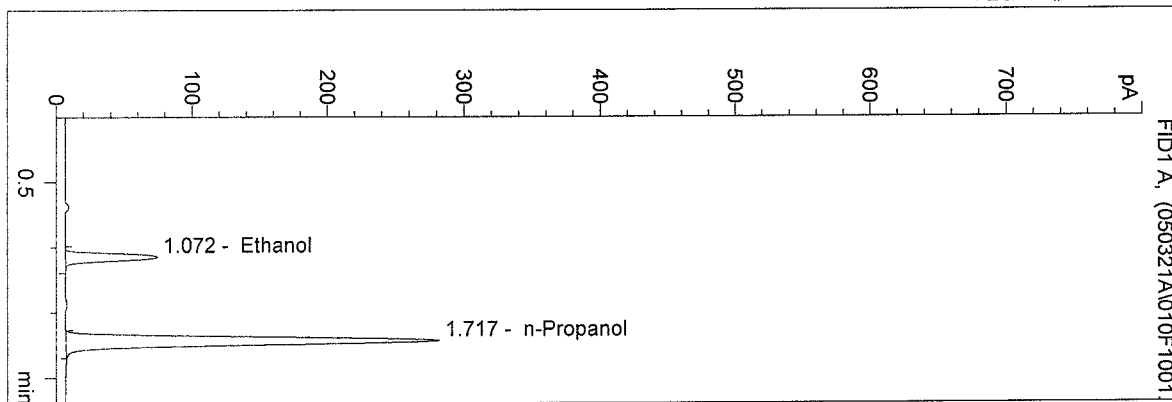
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.



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 3/21/2005 9:24:15 AM
 Instrument 4
 DB-ALC1

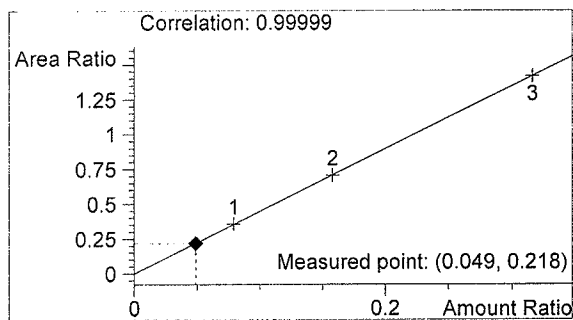
05011a
 alouis

vial # 10

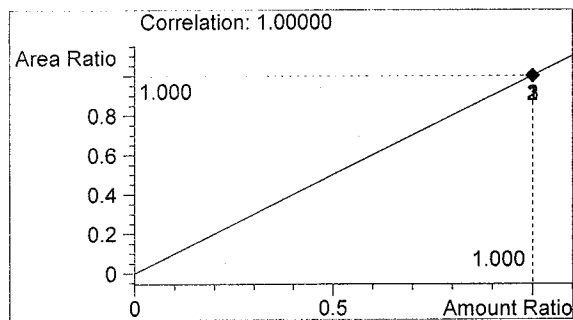


#	Compound	Area	RT
1	Ethanol	245	1.072
2	n-Propanol	1119	1.717

Totals:



Ethanol 0.049 g/100ml

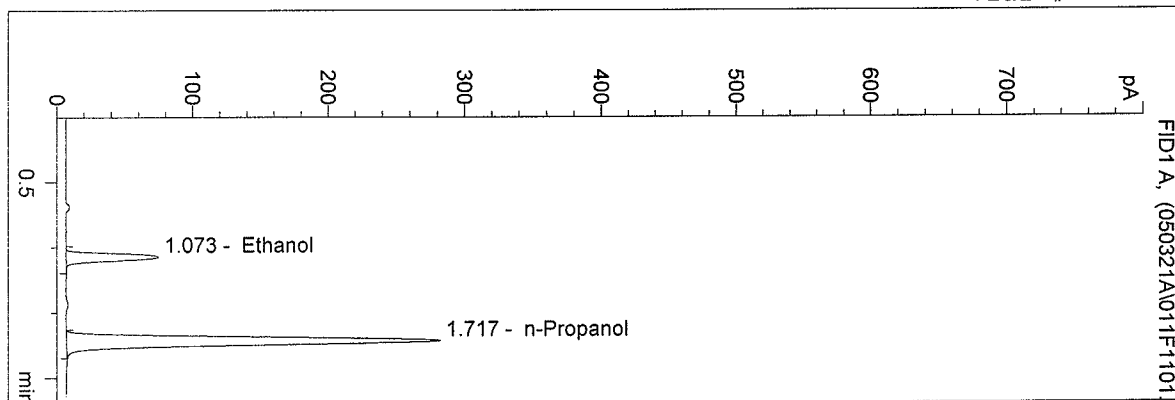


n-Propanol 1.000 g/100ml

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 3/21/2005 9:27:22 AM
 Instrument 4
 DB-ALC1

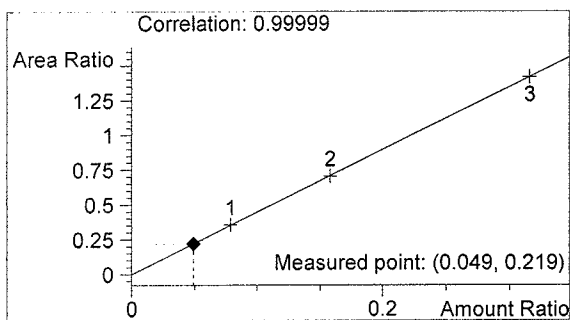
05011b
 alouis

vial # 11

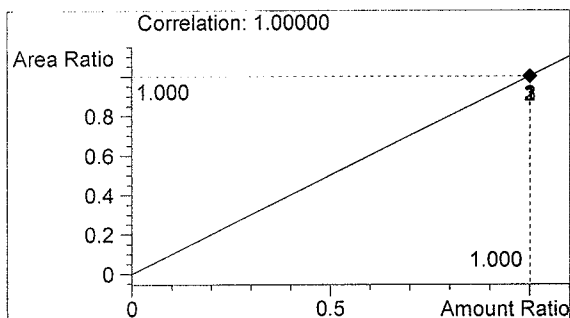


#	Compound	Area	RT
1	Ethanol	244	1.073
2	n-Propanol	1116	1.717

Totals:



Ethanol 0.049 g/100ml

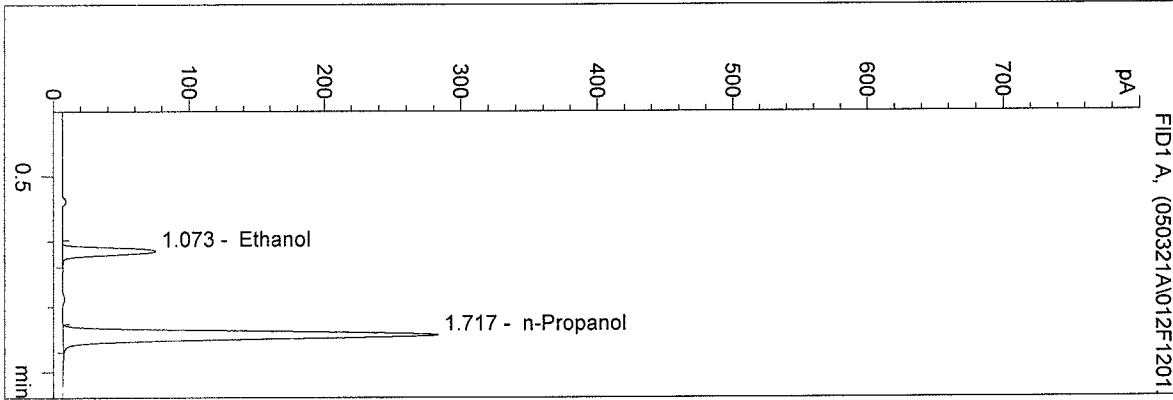


n-Propanol 1.000 g/100ml

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 3/21/2005 9:30:29 AM
 Instrument 4
 DB-ALC1

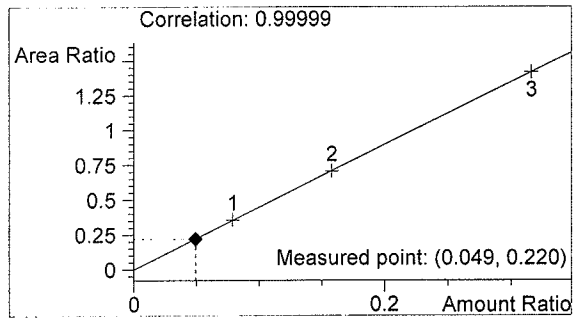
05011c
 alouis

vial # 12

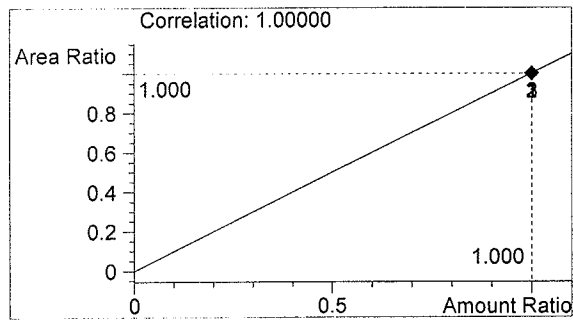


#	Compound	Area	RT
1	Ethanol	247	1.073
2	n-Propanol	1122	1.717

Totals:



Ethanol 0.049 g/100ml

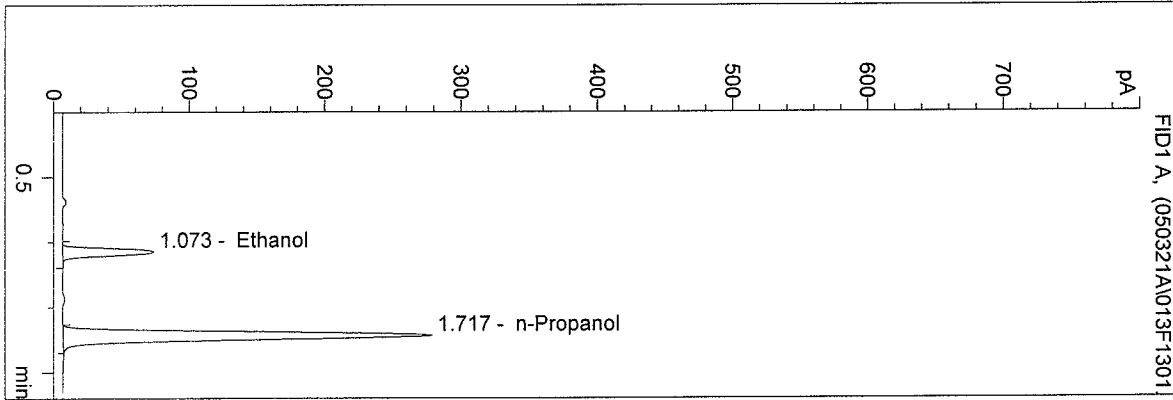


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

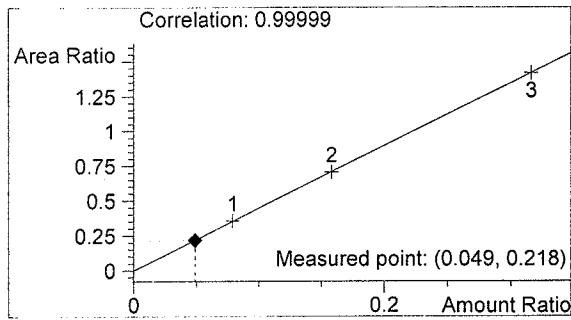
05011d
 alouis

vial # 13

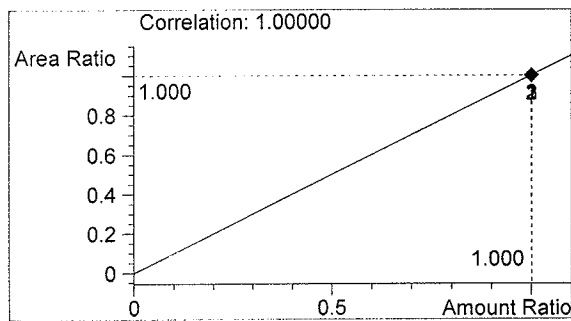


#	Compound	Area	RT
1	Ethanol	241	1.073
2	n-Propanol	1105	1.717

Totals:



Ethanol 0.049 g/100ml

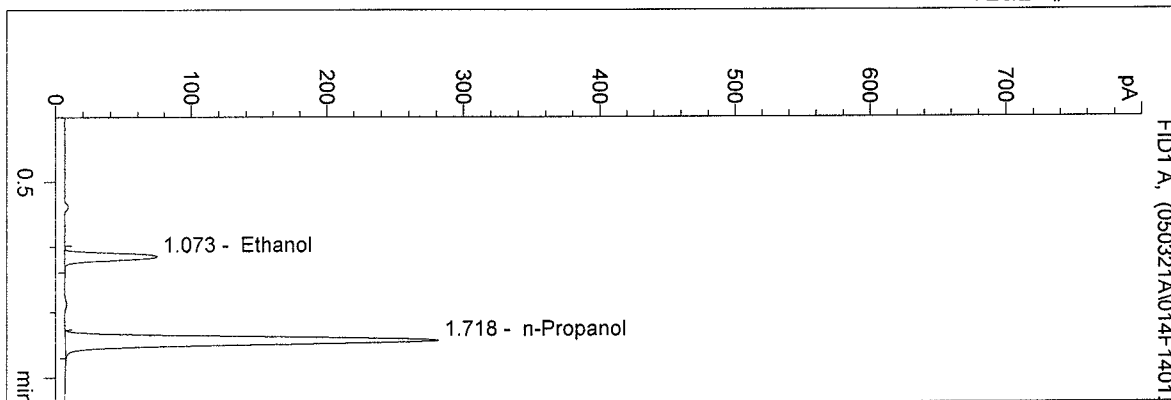


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

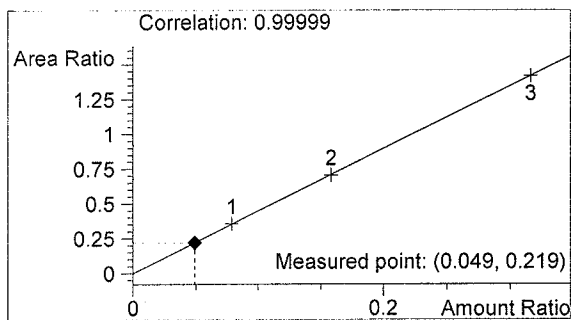
05011e
 alouis

vial # 14

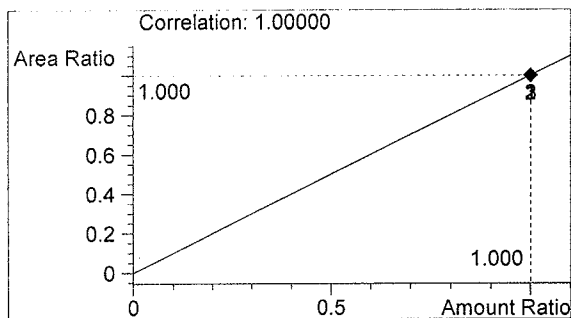


#	Compound	Area	RT
1	Ethanol	244	1.073
2	n-Propanol	1115	1.718

Totals:



Ethanol 0.049 g/100ml

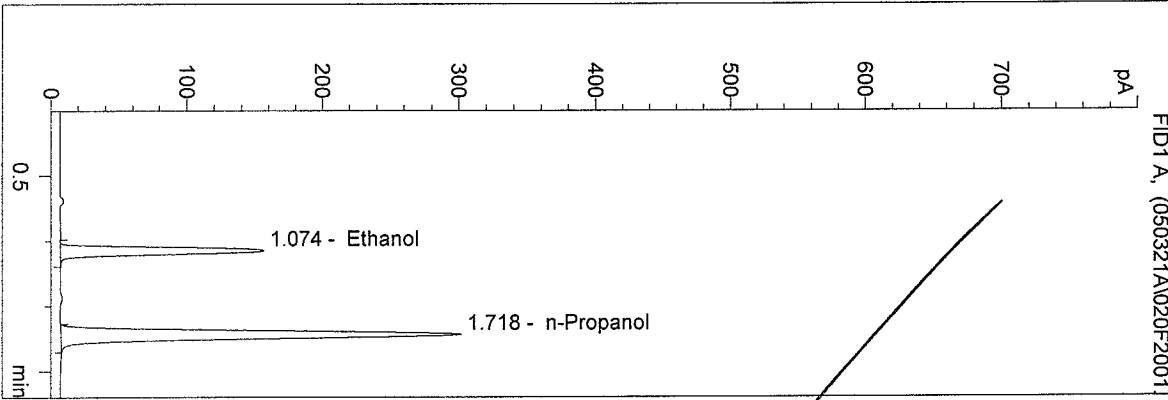


n-Propanol 1.000 g/100ml

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 3/21/2005 9:56:10 AM
 Instrument 4
 DB-ALC1

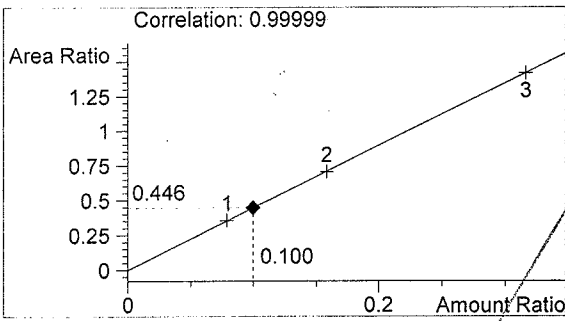
0.10 con
 alouis

vial # 20

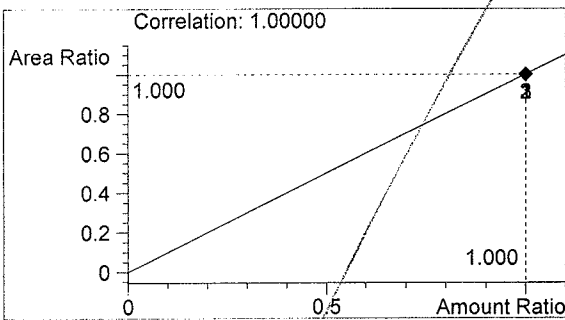


#	Compound	Area	RT
1	Ethanol	530	1.074
2	n-Propanol	1187	1.718

Totals:



Ethanol 0.100 g/100ml



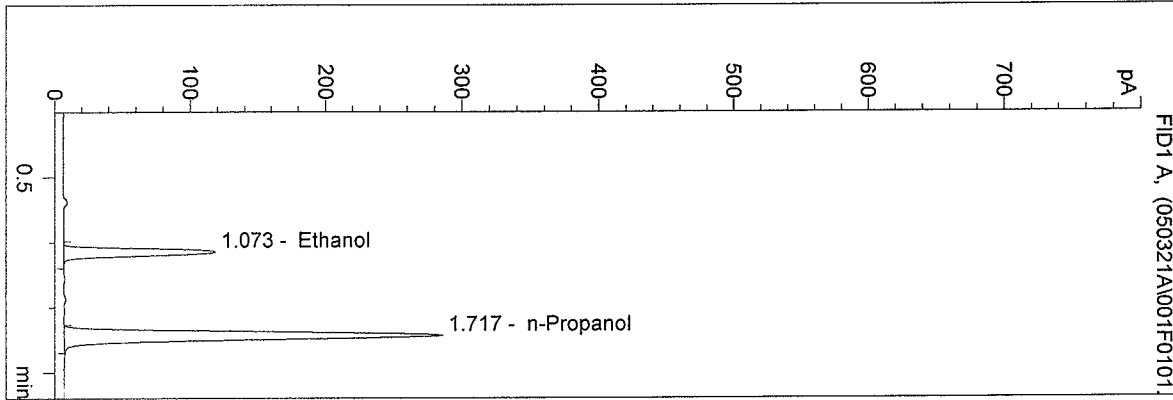
n-Propanol 1.000 g/100ml

*not used
 2007 OCT 18 AK*

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 8:52:58 AM
 Instrument 4
 DB-ALC1

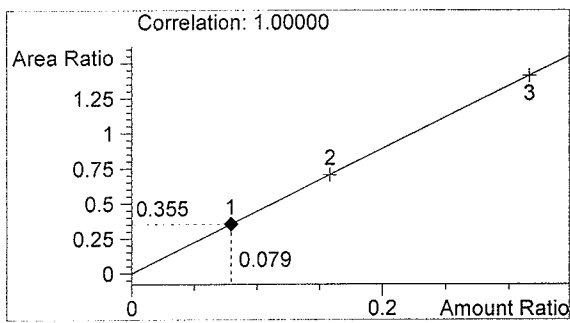
0.079 std
 alouis

vial # 1

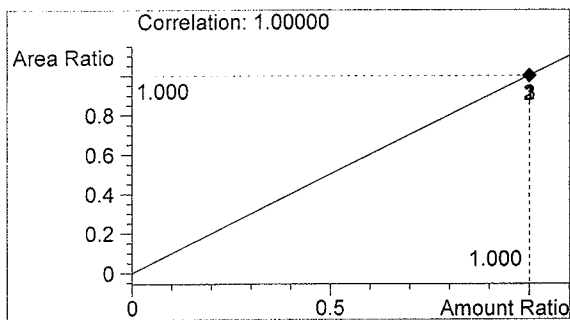


#	Compound	Area	RT
1	Ethanol	402	1.073
2	n-Propanol	1134	1.717

Totals:



Ethanol 0.079 g/100ml

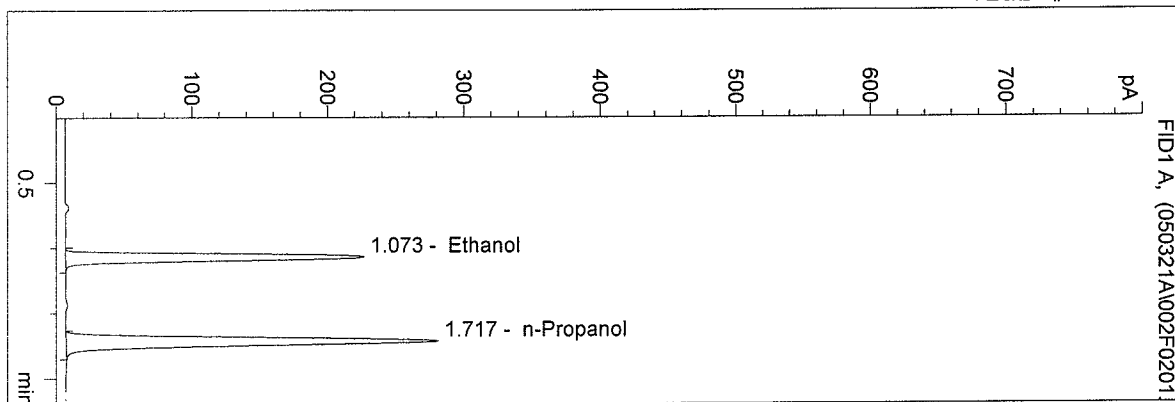


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

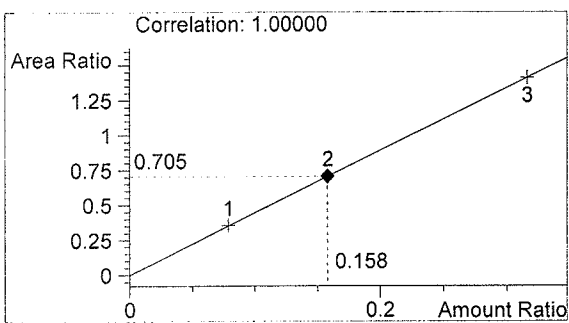
0.158 std
 alouis

vial # 2

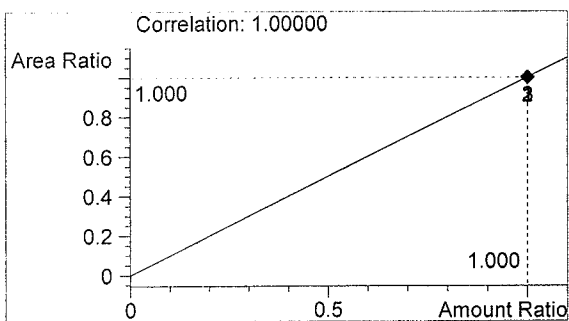


#	Compound	Area	RT
1	Ethanol	786	1.073
2	n-Propanol	1114	1.717

Totals:



Ethanol 0.158 g/100ml

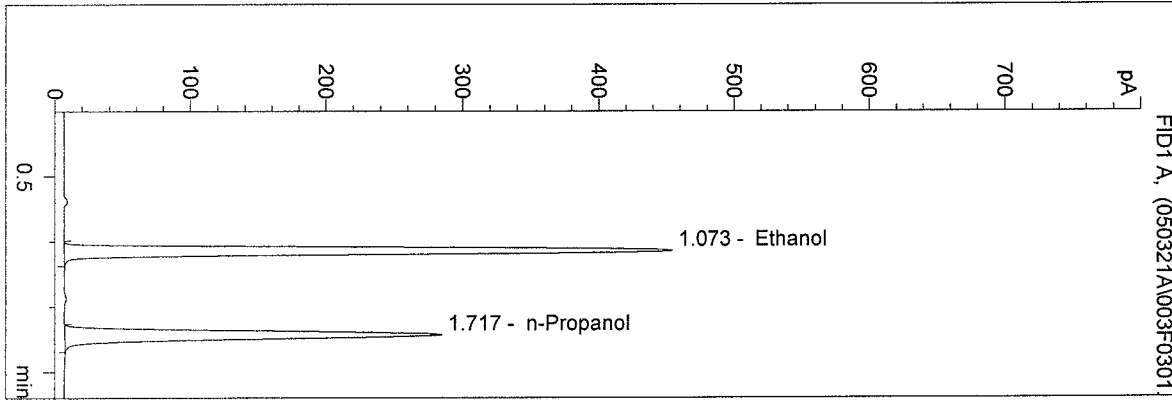


n-Propanol 1.000 g/100ml

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 3/21/2005 8:59:26 AM
 Instrument 4
 DB-ALC1

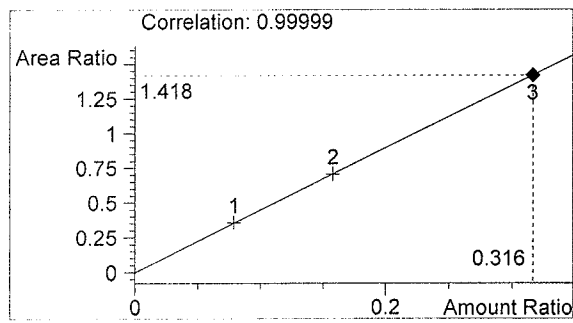
0.316 std
 alouis

vial # 3

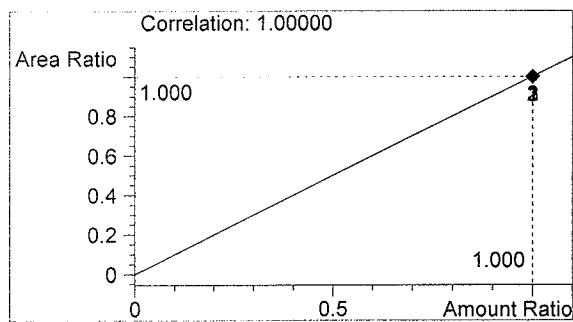


#	Compound	Area	RT
1	Ethanol	1603	1.073
2	n-Propanol	1131	1.717

Totals:



Ethanol 0.316 g/100ml

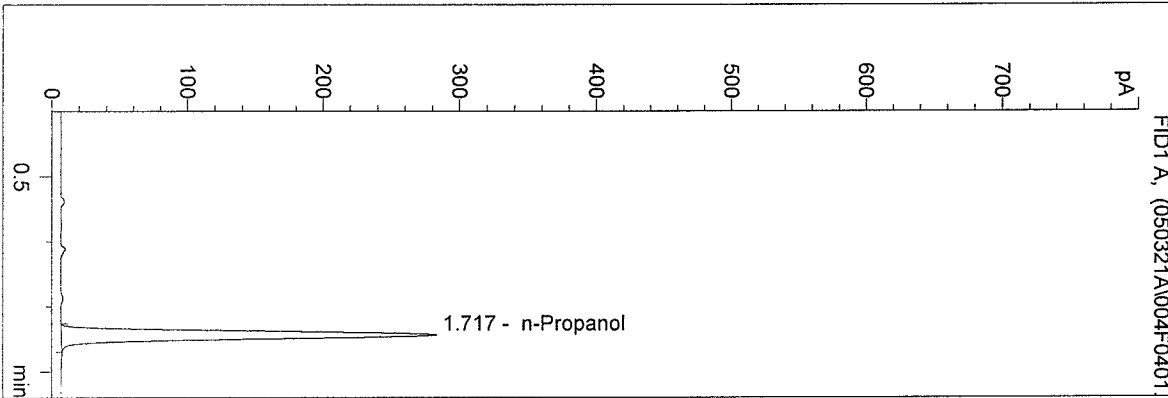


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 9:02:37 AM
 Instrument 4
 DB-ALC1

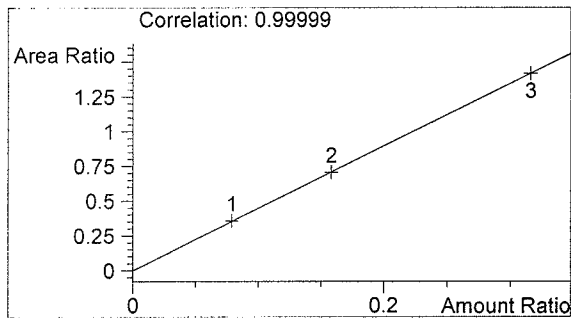
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vial # 4

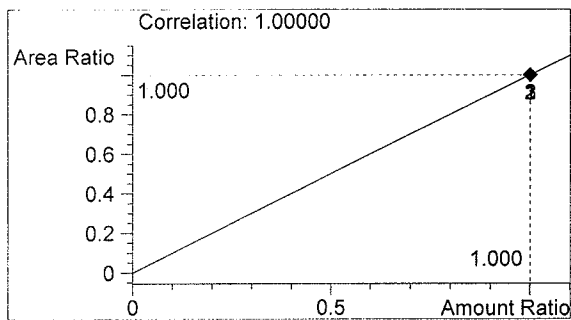


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1118	1.717

Totals:



Ethanol 0.000 g/100ml

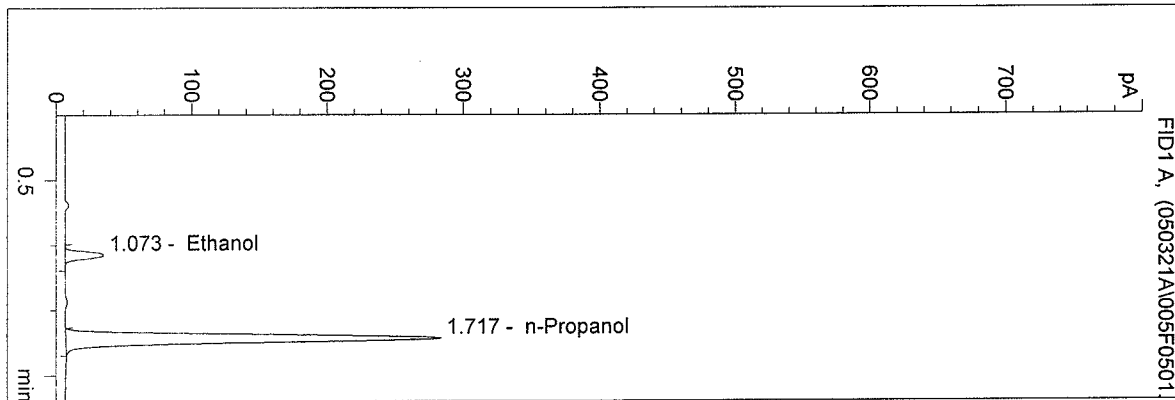


n-Propanol 1.000 g/100ml

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

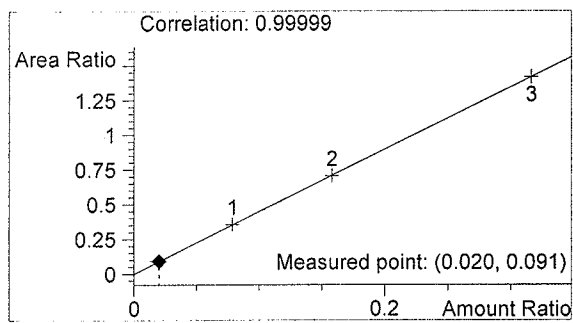
0.02
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vial # 5

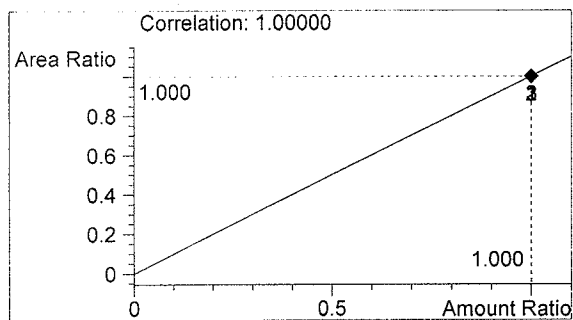


#	Compound	Area	RT
1	Ethanol	102	1.073
2	n-Propanol	1122	1.717

Totals:



Ethanol 0.020 g/100ml

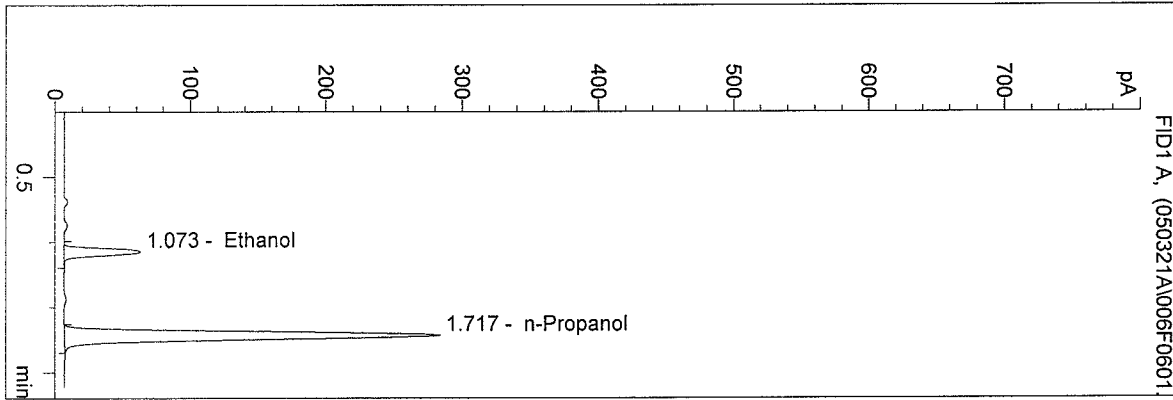


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 9:08:57 AM
 Instrument 4
 DB-ALC1

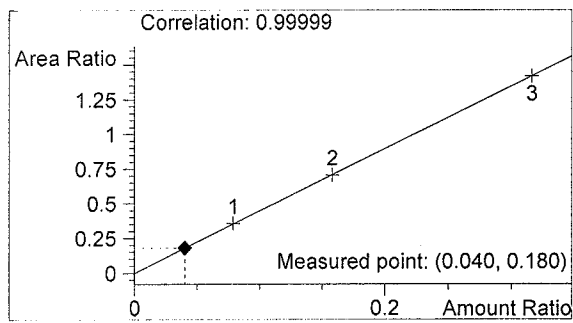
0.04 con al
 alouis

vial # 6

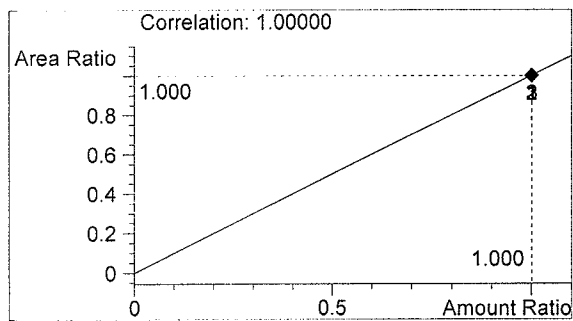


#	Compound	Area	RT
1	Ethanol	202	1.073
2	n-Propanol	1121	1.717

Totals:



Ethanol 0.040 g/100ml

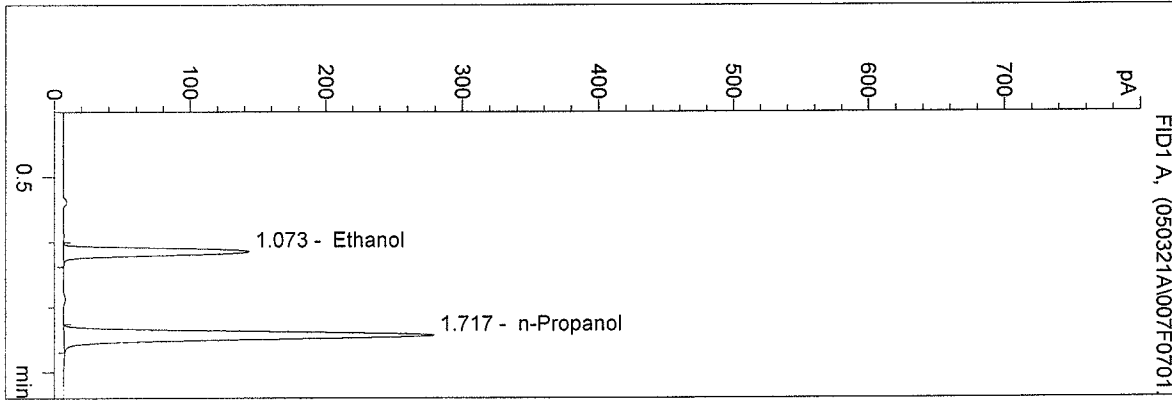


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 9:14:33 AM
 Instrument 4
 DB-ALC1

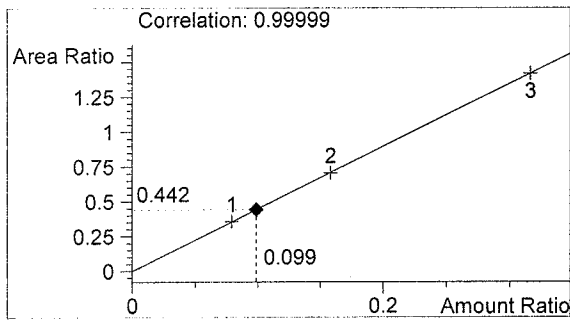
0.10 con al
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vial # 7

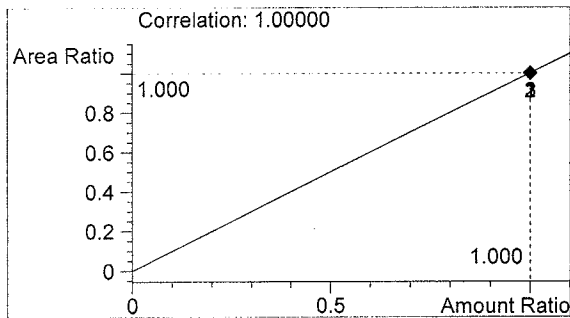


#	Compound	Area	RT
1	Ethanol	490	1.073
2	n-Propanol	1107	1.717

Totals:



Ethanol 0.099 g/100ml

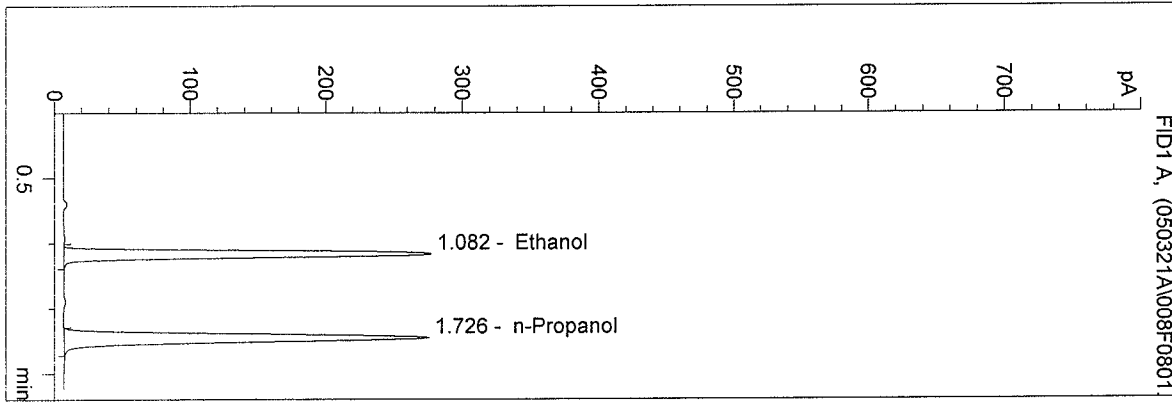


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 9:17:43 AM
 Instrument 4
 DB-ALC1

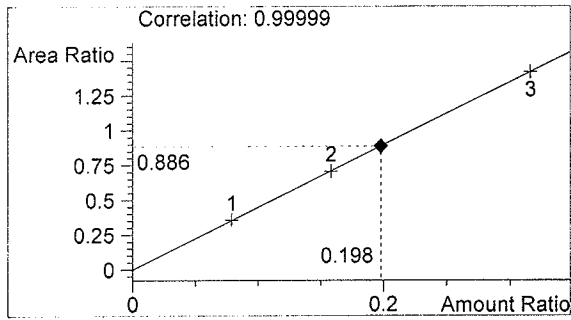
0.20 con al
 alouis

vial # 8

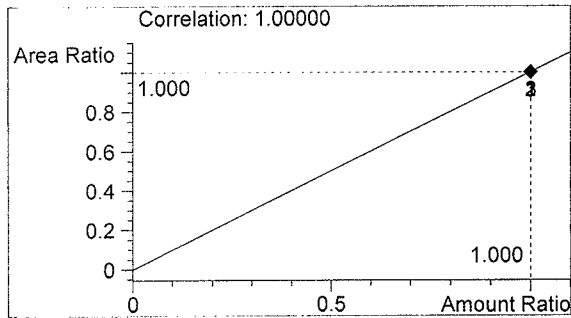


#	Compound	Area	RT
1	Ethanol	968	1.082
2	n-Propanol	1092	1.726

Totals:



Ethanol 0.198 g/100ml

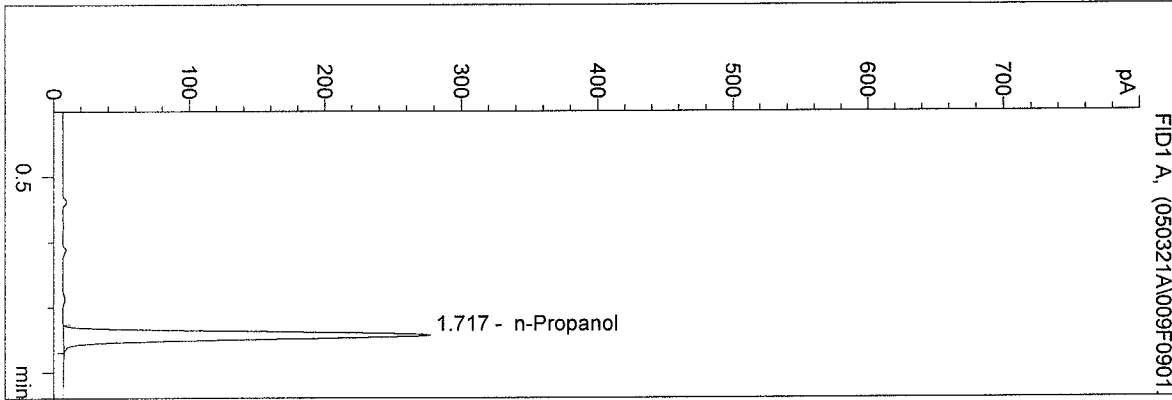


n-Propanol 1.000 g/100ml

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

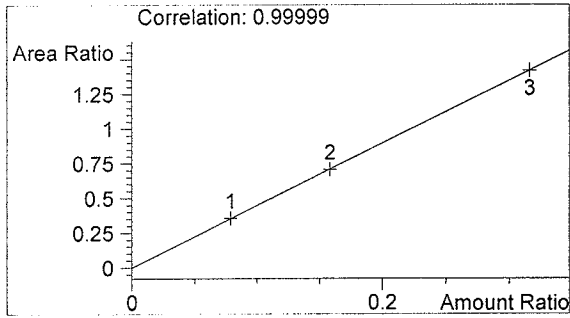
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vial # 9

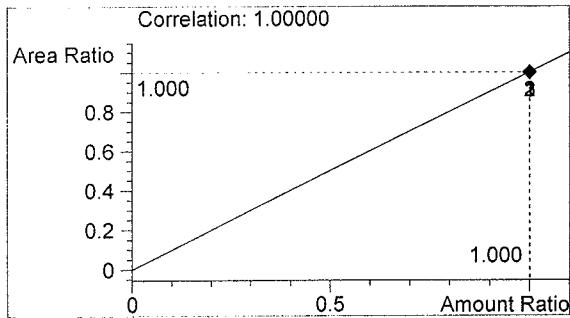


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1097	1.717

Totals:



Ethanol 0.000 g/100ml

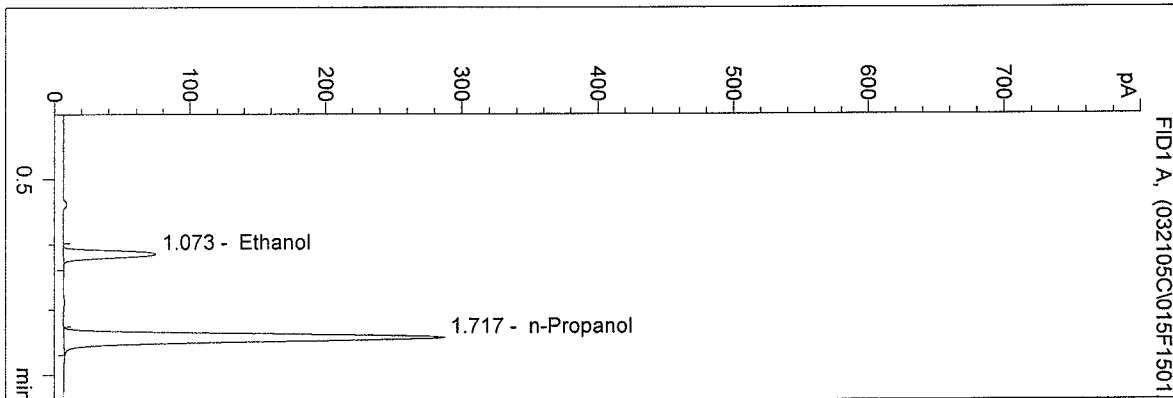


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 11:48:16 AM
 Instrument 4
 DB-ALC1

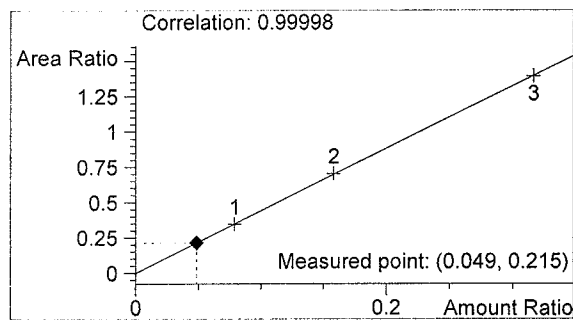
05011
 ED FORMOSO

vial # 15

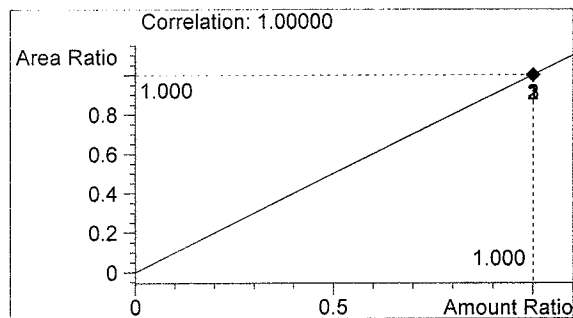


#	Compound	Area	RT
1	Ethanol	244	1.073
2	n-Propanol	1137	1.717

Totals:



Ethanol 0.049 g/100ml

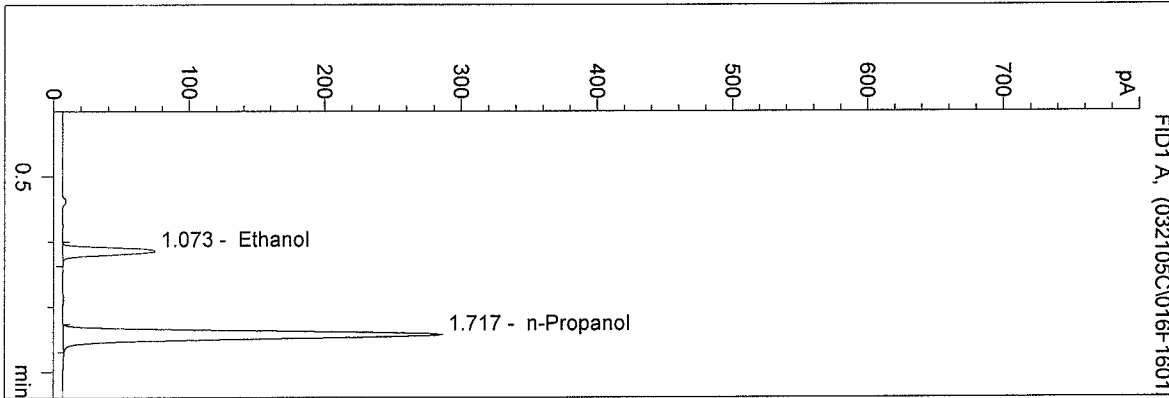


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 11:51:26 AM
 Instrument 4
 DB-ALC1

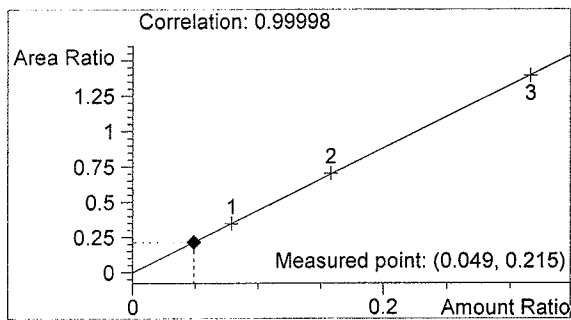
05011
 ED FORMOSO

vial # 16

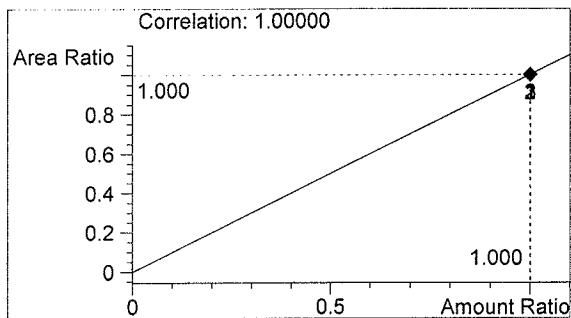


#	Compound	Area	RT
1	Ethanol	244	1.073
2	n-Propanol	1133	1.717

Totals:



Ethanol 0.049 g/100ml

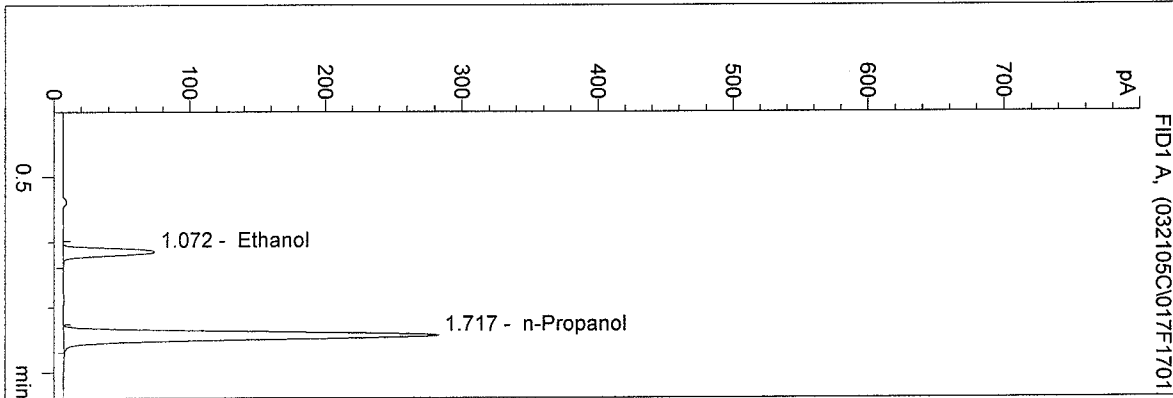


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 11:54:35 AM
 Instrument 4
 DB-ALC1

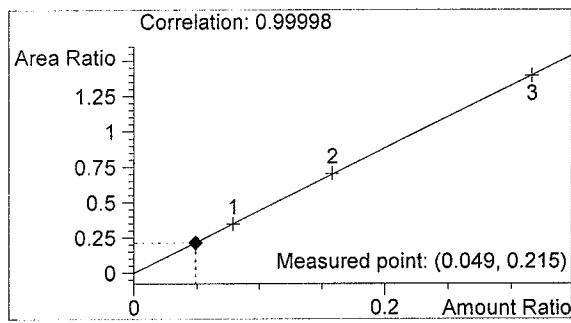
05011
 ED FORMOSO

vial # 17

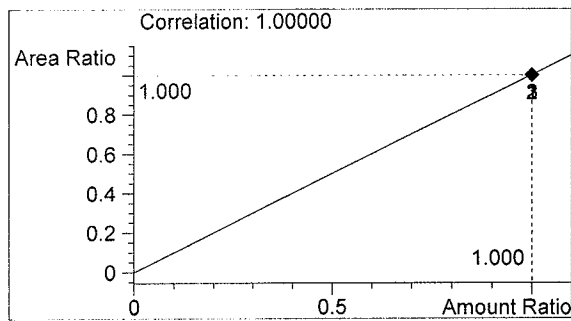


#	Compound	Area	RT
1	Ethanol	241	1.072
2	n-Propanol	1122	1.717

Totals:



Ethanol 0.049 g/100ml

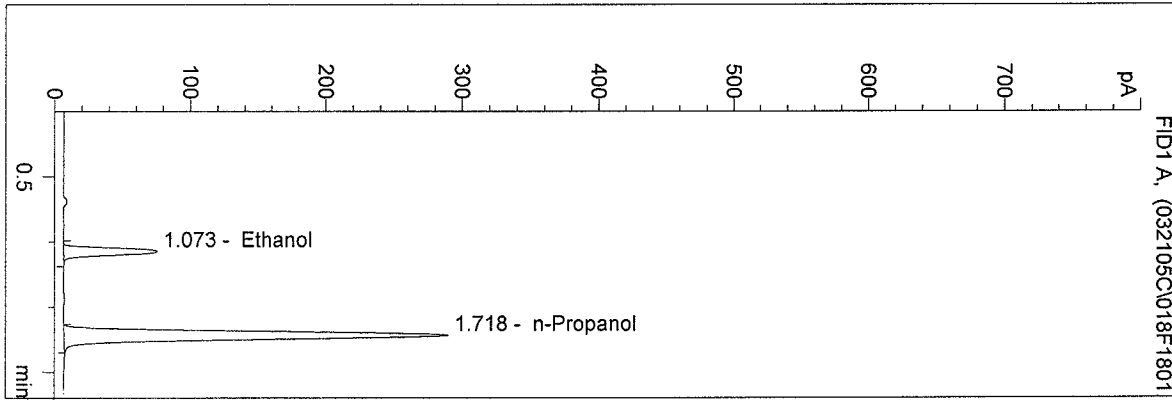


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 11:57:44 AM
 Instrument 4
 DB-ALC1

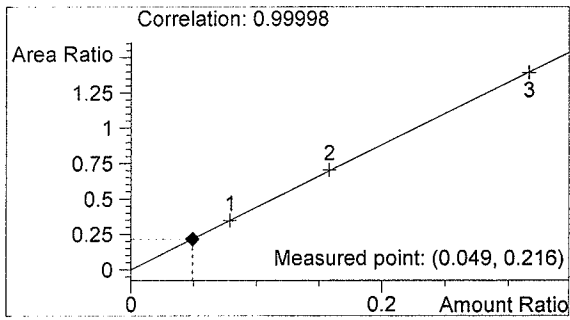
05011
 ED FORMOSO

vial # 18

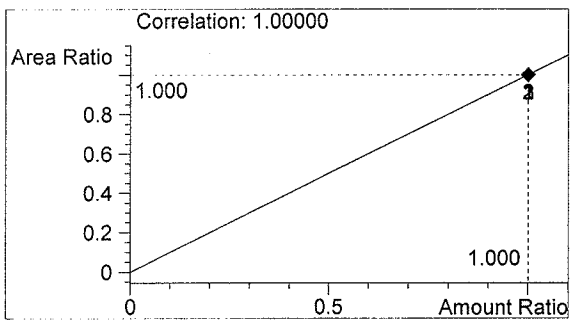


#	Compound	Area	RT
1	Ethanol	247	1.073
2	n-Propanol	1146	1.718

Totals:



Ethanol 0.049 g/100ml

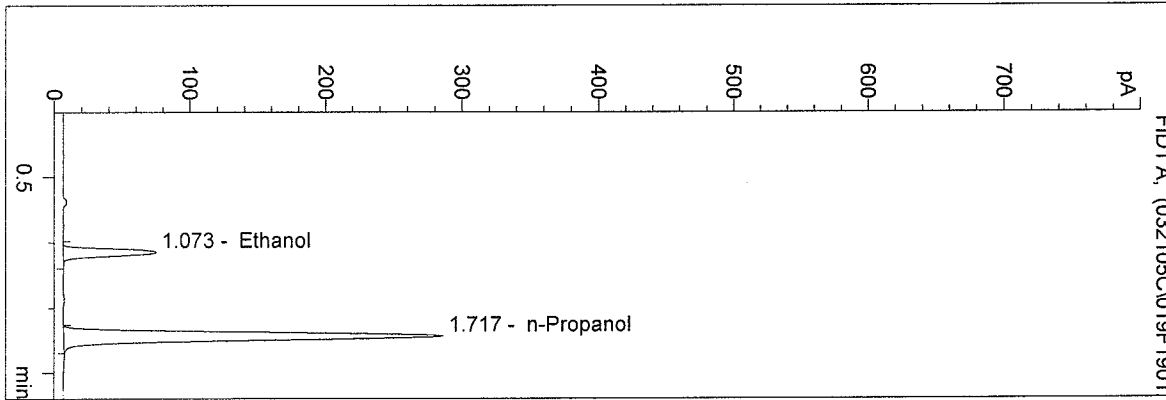


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 12:00:51 PM
 Instrument 4
 DB-ALC1

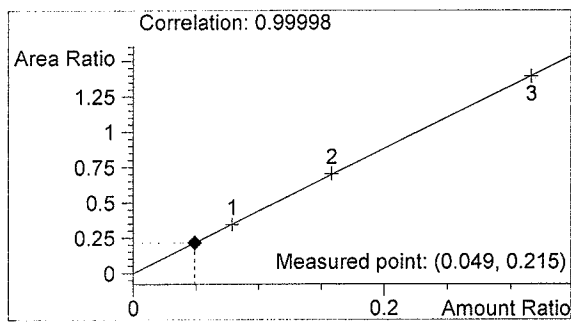
05011
 ED FORMOSO

vial # 19

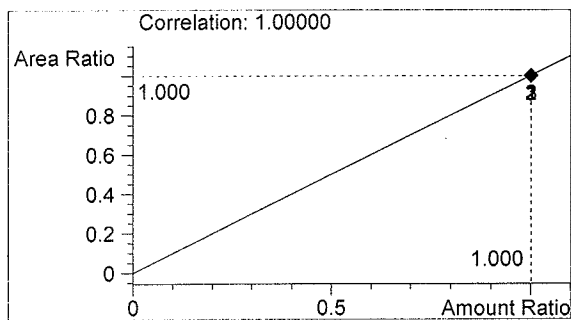


#	Compound	Area	RT
1	Ethanol	245	1.073
2	n-Propanol	1135	1.717

Totals:



Ethanol 0.049 g/100ml

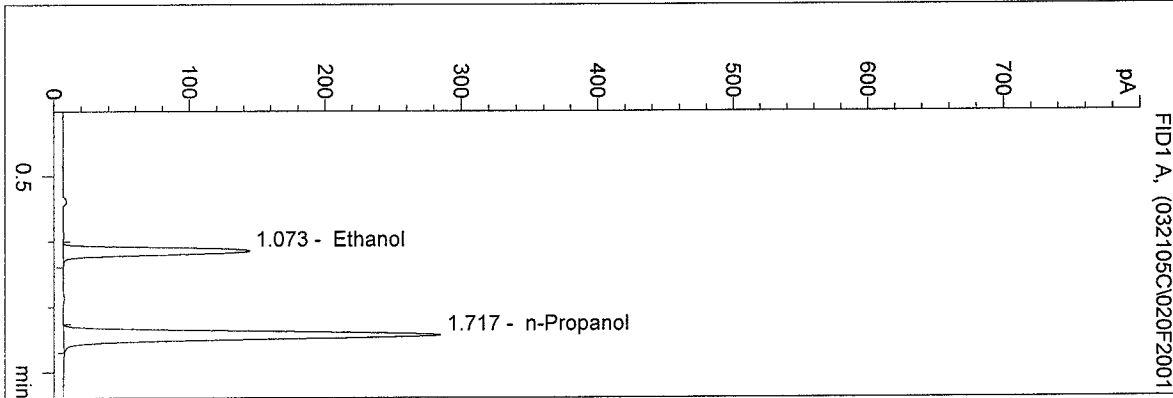


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/21/2005 12:04:07 PM
 Instrument 4
 DB-ALC1

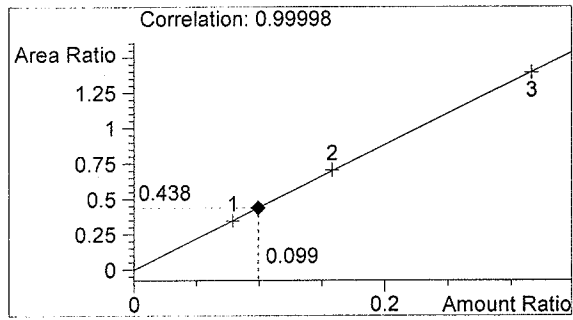
0.10 CONTROL
 ED FORMOSO

vial # 20

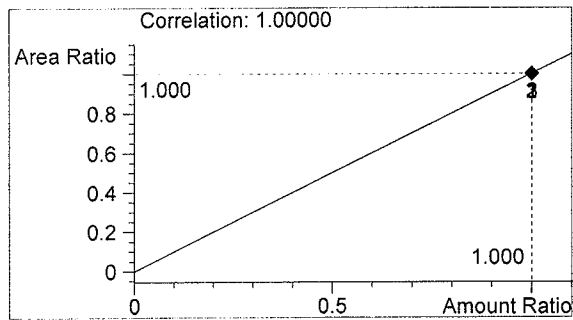


#	Compound	Area	RT
1	Ethanol	495	1.073
2	n-Propanol	1130	1.717

Totals:



Ethanol 0.099 g/100ml

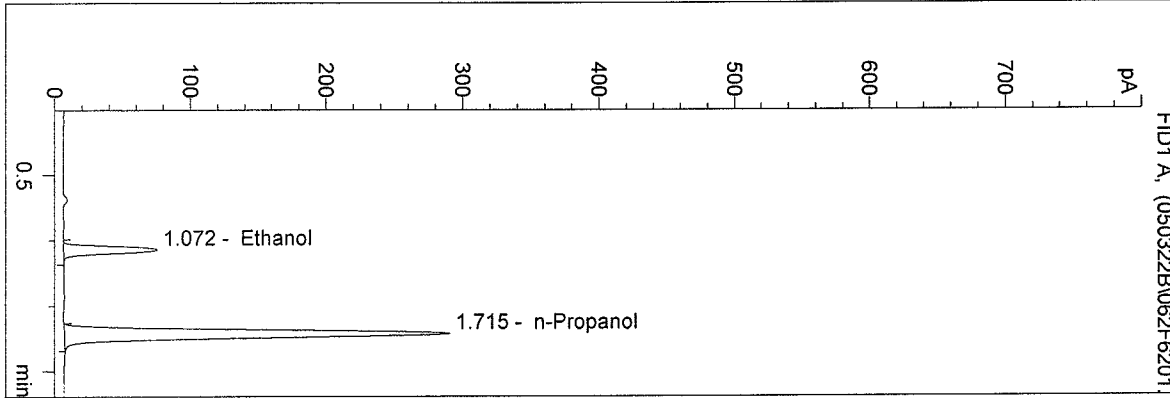


n-Propanol 1.000 g/100ml

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 3/22/2005 11:32:32 AM
 Instrument 4
 DB-ALC1

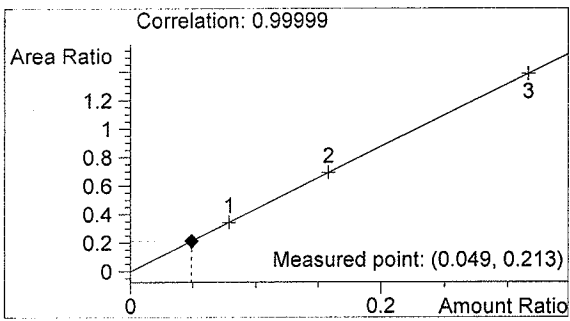
05011#1
 bcapron

vial # 62

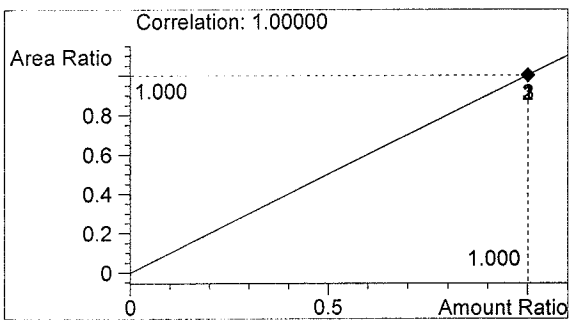


#	Compound	Area	RT
1	Ethanol	243	1.072
2	n-Propanol	1141	1.715

Totals:



Ethanol 0.049 g/100ml

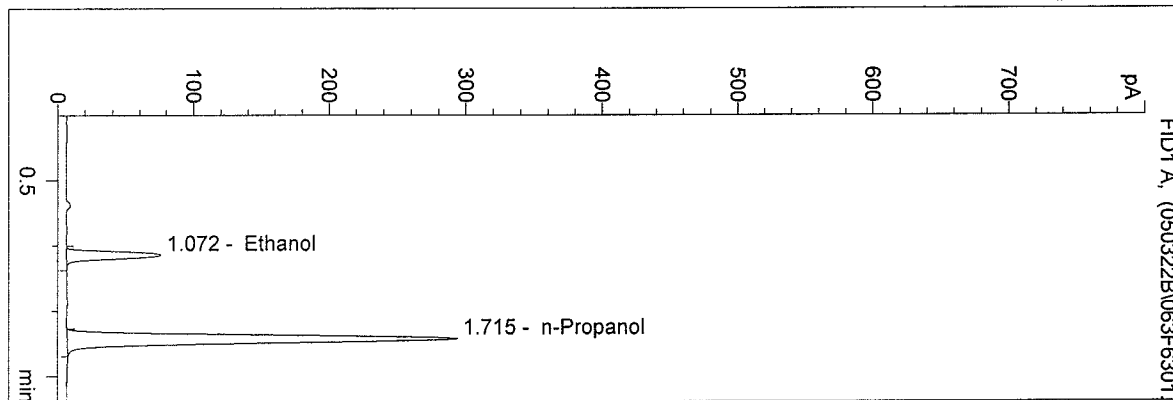


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 3/22/2005 11:35:45 AM
 Instrument 4
 DB-ALC1

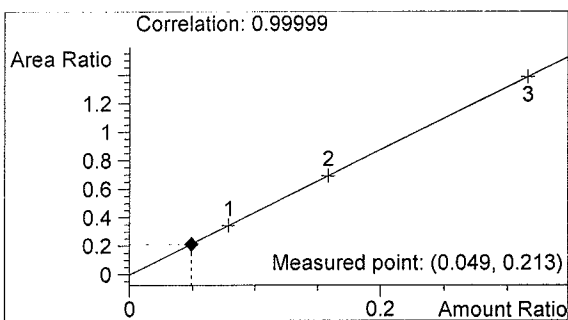
05011#2
 bcapron

vial # 63

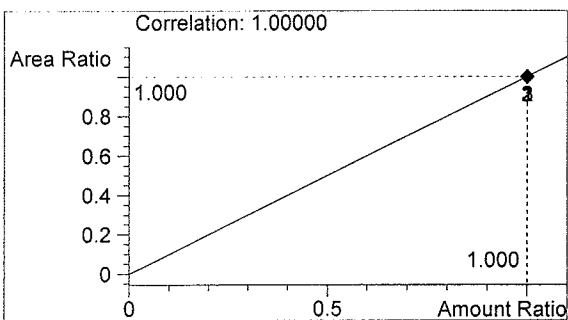


#	Compound	Area	RT
1	Ethanol	246	1.072
2	n-Propanol	1154	1.715

Totals:



Ethanol 0.049 g/100ml

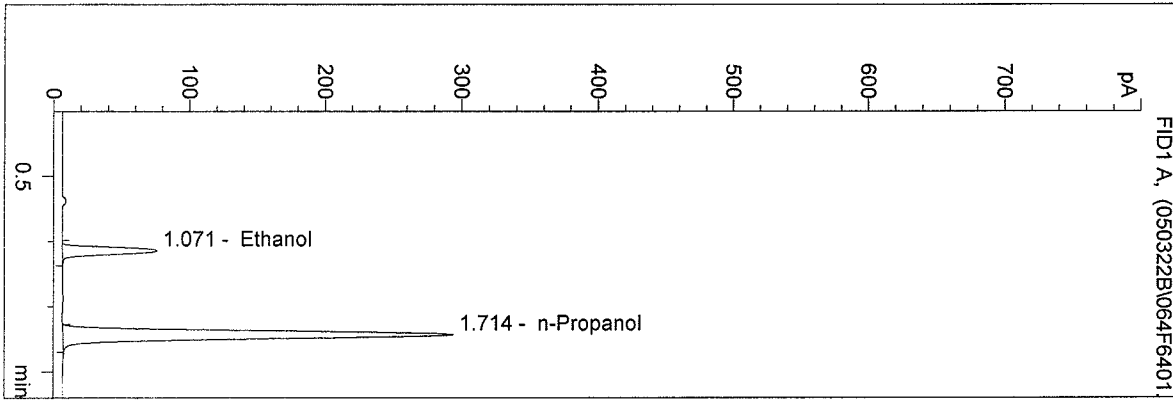


n-Propanol 1.000 g/100ml

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 3/22/2005 11:38:56 AM
 Instrument 4
 DB-ALC1

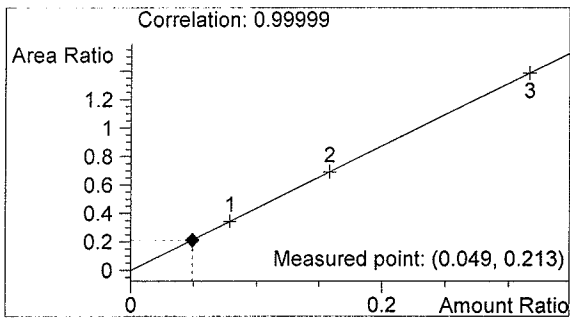
05011#3
 bcapron

vial # 64

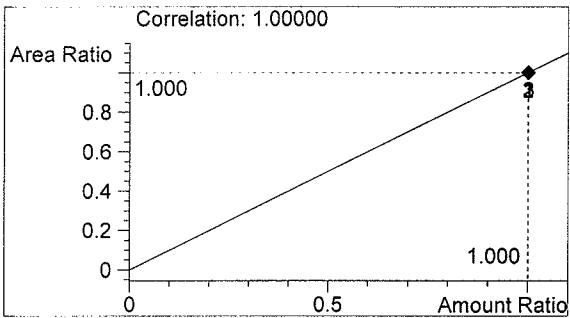


#	Compound	Area	RT
1	Ethanol	246	1.071
2	n-Propanol	1157	1.714

Totals:



Ethanol 0.049 g/100ml

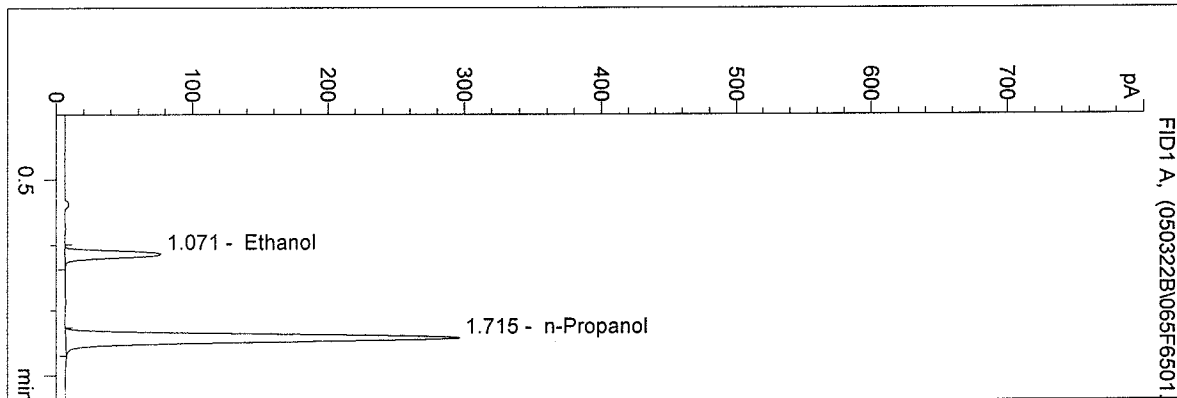


n-Propanol 1.000 g/100ml

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 3/22/2005 11:42:04 AM
 Instrument 4
 DB-ALC1

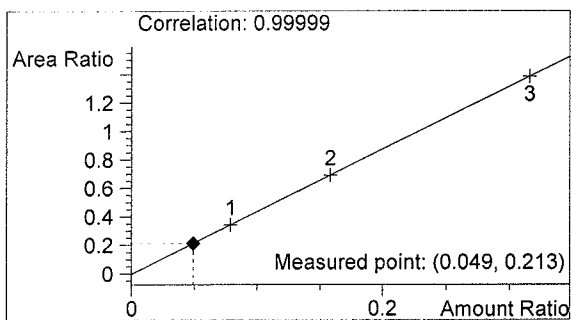
05011#4
 bcapron

vial # 65

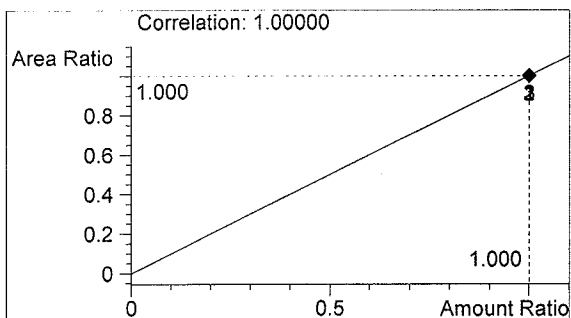


#	Compound	Area	RT
1	Ethanol	249	1.071
2	n-Propanol	1165	1.715

Totals:



Ethanol 0.049 g/100ml

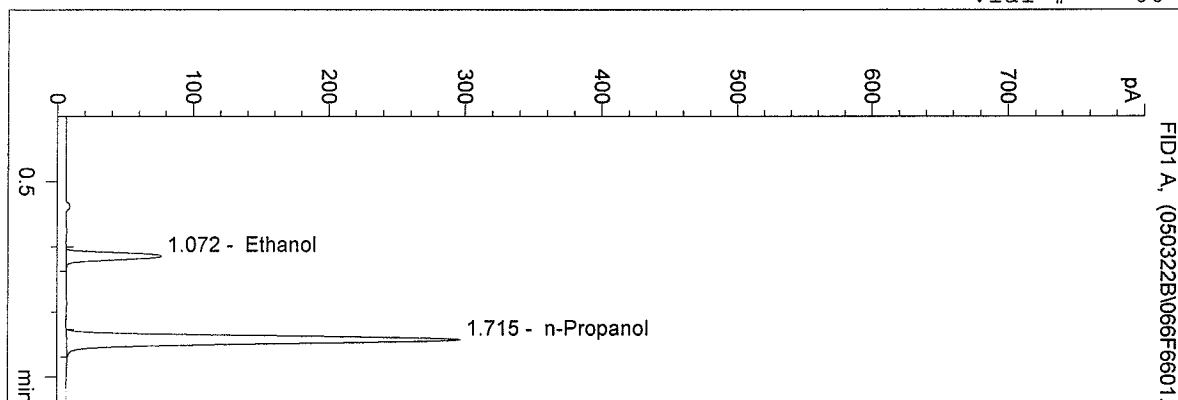


n-Propanol 1.000 g/100ml

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 3/22/2005 11:45:11 AM
 Instrument 4
 DB-ALC1

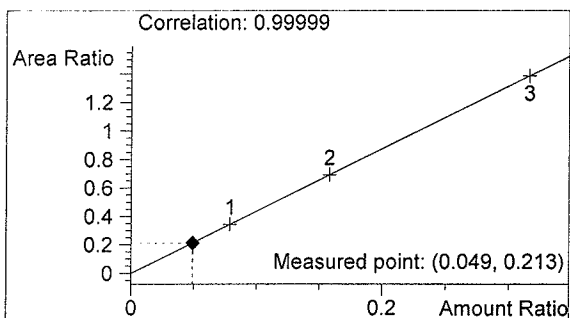
05011#5
 bcapron

vial # 66

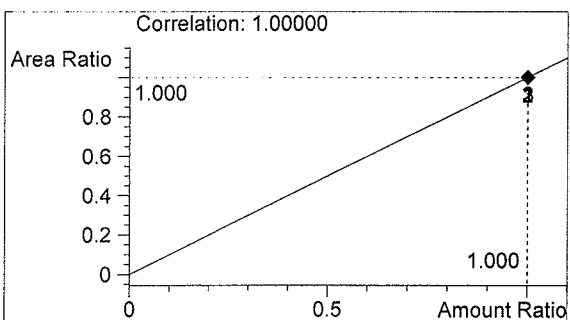


#	Compound	Area	RT
1	Ethanol	248	1.072
2	n-Propanol	1166	1.715

Totals:



Ethanol 0.049 g/100ml

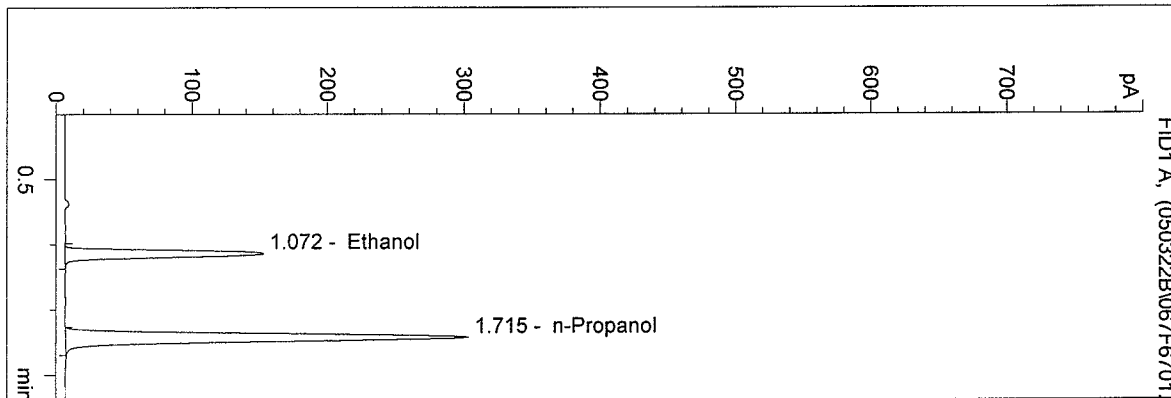


n-Propanol 1.000 g/100ml

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 3/22/2005 11:48:28 AM
 Instrument 4
 DB-ALC1

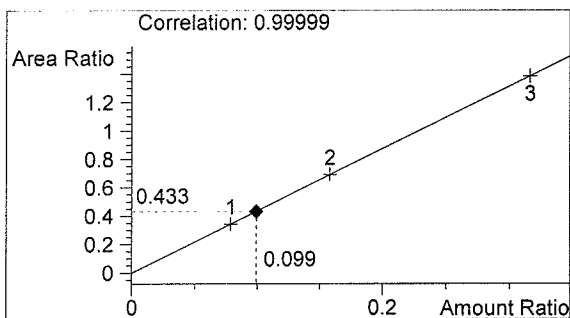
0.10 control bc
 bcapron

vial # 67

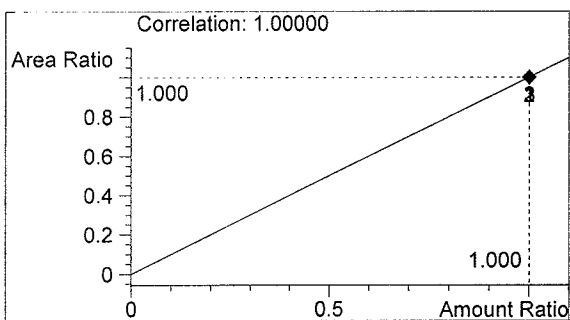


#	Compound	Area	RT
1	Ethanol	515	1.072
2	n-Propanol	1189	1.715

Totals:



Ethanol 0.099 g/100ml

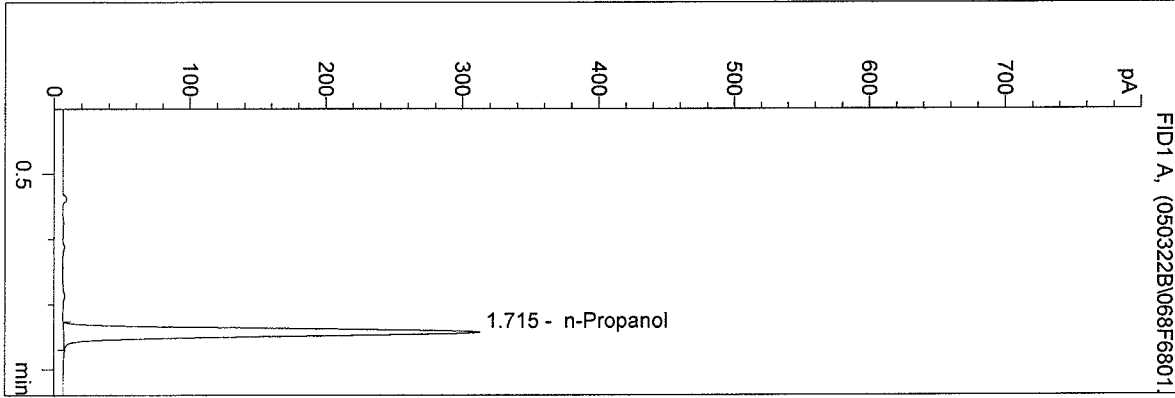


n-Propanol 1.000 g/100ml

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 3/22/2005 11:51:42 AM
 Instrument 4
 DB-ALC1

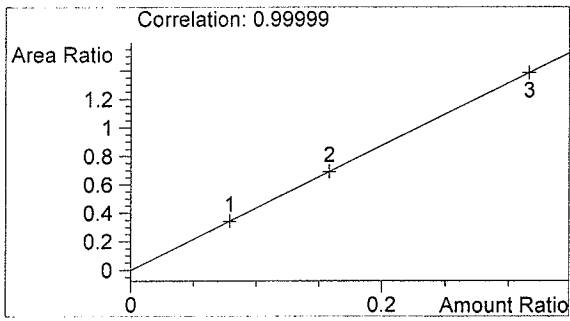
blank
 bcapron

vial # 68

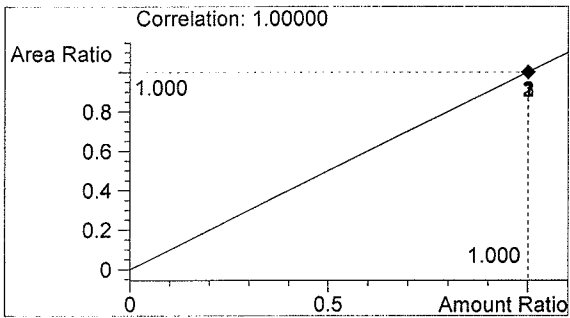


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1230	1.715

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml