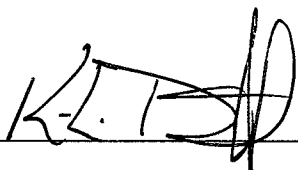


Notice of Simulator Solution File Review

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.

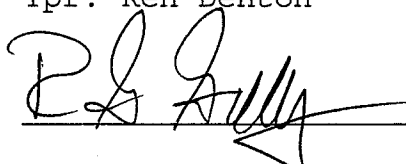
Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear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


_____ 10/8/2007

Tpr. Ken Denton

Date


_____ 10-8-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory
Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROS GILBERG Date 10-4-07
Location TOX LAB SEATTLE Batch Number 06022

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: 10-4-07

Reviewer Signature:  Date: 10/4/2007

WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
WASHINGTON STATE PATROL
 2203 AIRPORT WAY S, SUITE 360
 SEATTLE, WASHINGTON 98134-2027
 (206) 262-6100 FAX (206) 262-6145

Preparation and certification of **0.08** g/210L Quality Assurance solution
 Batch number **06022** Date: 5/17/2006
 Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12	Anal 13	Anal 14	Anal 15	Anal 16
1	0.098	0.098	0.094													
2	0.098	0.098	0.094													
3	0.098	0.099	0.094													
4	0.098	0.099	0.095													
5	0.097	0.099	0.095													
Ctrl	0.099	0.100	0.096													

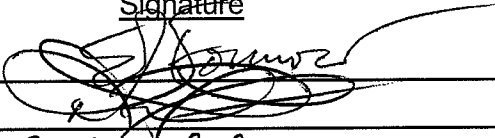
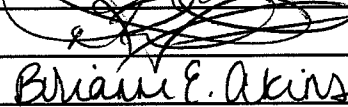
External Control:

Lot #: a035928-20 Exp date: 7/09
 Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0969 g/100 mL
 SD: 0.00194
 Range (3xSD): 0.0911 to 0.1027
 Precision CV (%): 2.0067 %

Equivalent vapor concent.: 0.0788 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso		05/19/2006
2	Kelly Gross		05/23/2006
3	Brianne Akins	<u>Brianne E. Akins</u>	05/23/2006
4			
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14			
15			
16			

Prepared by: Edward Formoso according to the approved protocol



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, Edward J. Formoso, 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 twenty-nine years of experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 06022, was prepared in the Washington State Toxicology Laboratory on 5/17/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0969 grams per 100ml.

Dated: 5/24/2006
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/ks
EFQA





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, Kelly D. Gross, 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: B.S. degree in Chemistry and fifteen years of forensic laboratory experience.

The quality assurance solution, Lot Number 06022, was prepared in the Washington State Toxicology Laboratory on 5/17/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0969 grams per 100ml.

Dated: 5/24/2006
Seattle, WA

Kelly D. Gross
Forensic Toxicologist

KDG/ks
KDGQA

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.

10052007



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, Brianne E. Akins, 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.

The quality assurance solution, Lot Number 06022, was prepared in the Washington State Toxicology Laboratory on 5/17/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0969 grams per 100ml.

Dated: 5/24/2006
Seattle, WA

Brianne E. Akins

Brianne E. Akins
Forensic Toxicologist

BEA/ks
BAQA

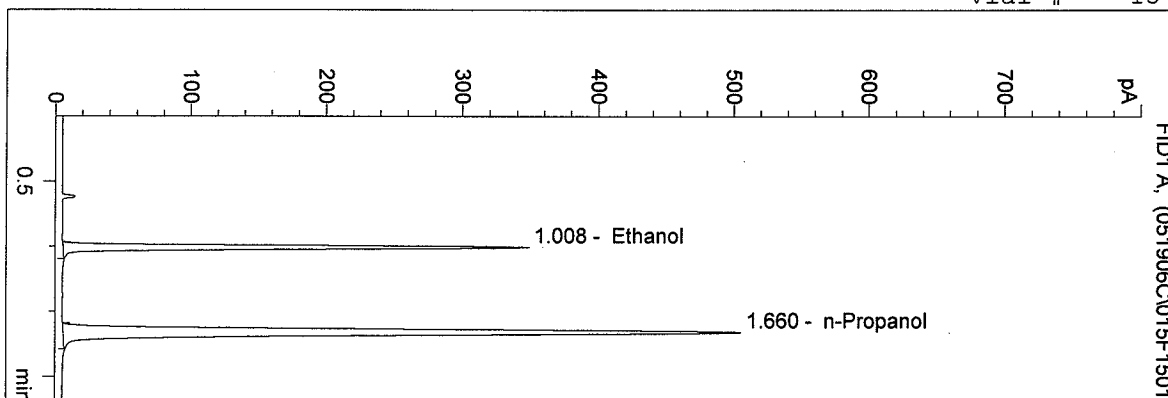
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

Brianne E. Akins 10-507

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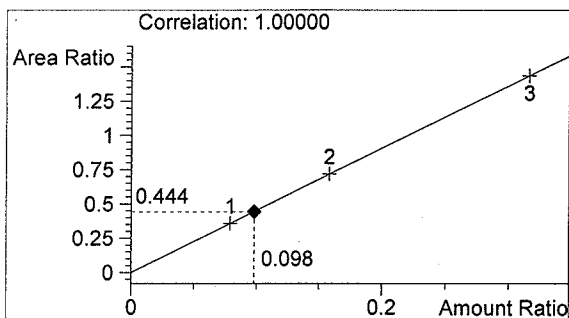
06022
 SIMULATOR SOLUTION

vial # 15

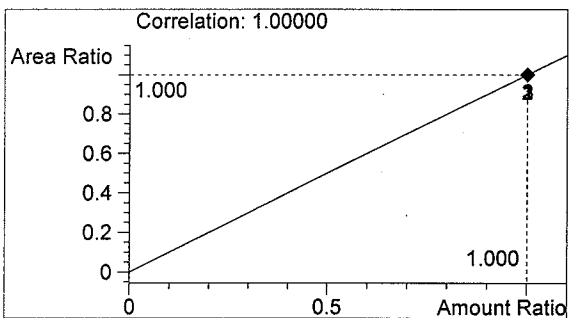


#	Compound	Area	RT
1	Ethanol	700	1.008
2	n-Propanol	1575	1.660

Totals:



Ethanol 0.098 g/100ml



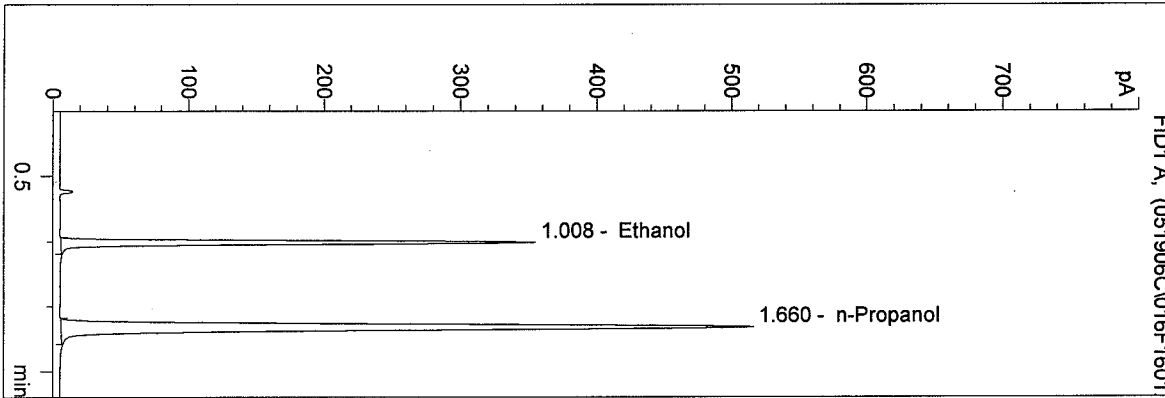
n-Propanol 1.000 g/100ml

EF
 06022
 RLB
 10-8-07

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/19/2006 2:41:17 PM
 Instrument 4
 DB-ALC1

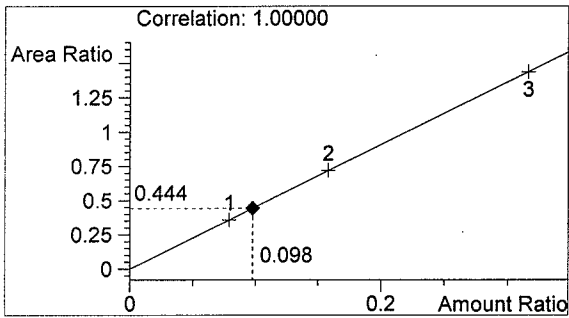
06022
 SIMULATOR SOLUTION

vial # 16

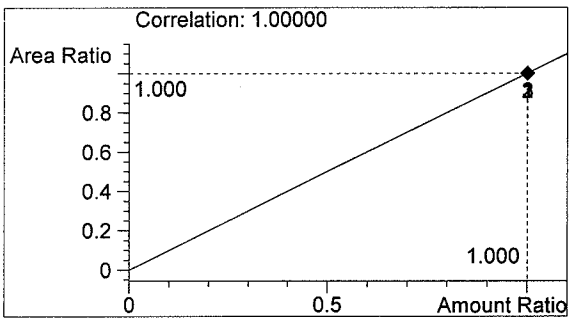


#	Compound	Area	RT
1	Ethanol	713	1.008
2	n-Propanol	1607	1.660

Totals:



Ethanol 0.098 g/100ml

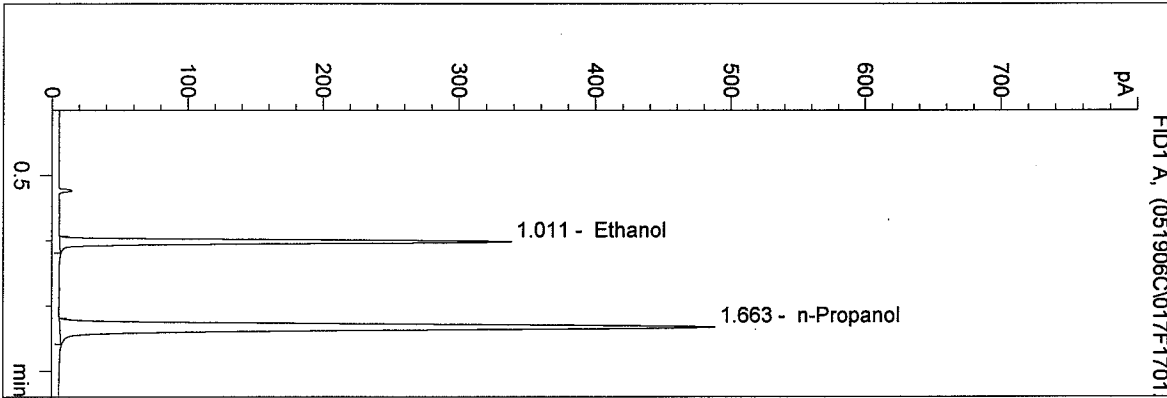


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

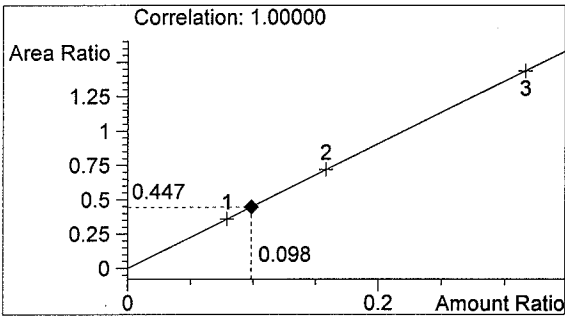
06022
 SIMULATOR SOLUTION

vial # 17

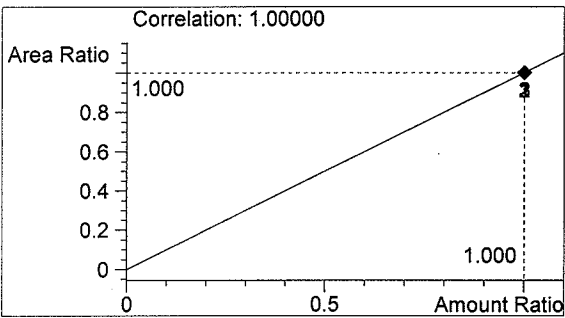


#	Compound	Area	RT
1	Ethanol	678	1.011
2	n-Propanol	1517	1.663

Totals:



Ethanol 0.098 g/100ml

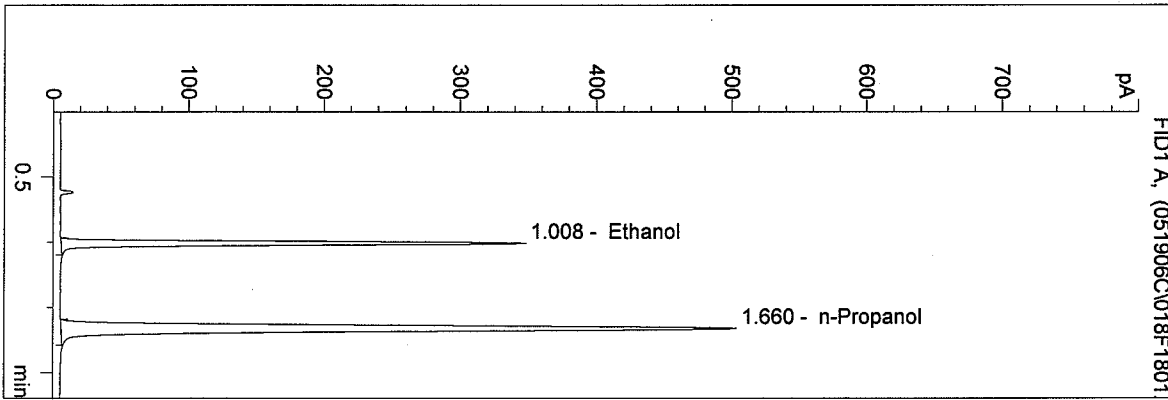


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

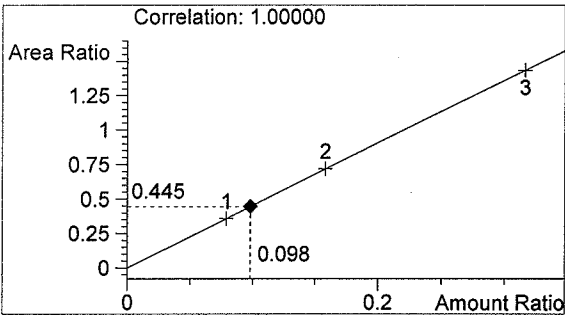
06022
 SIMULATOR SOLUTION

vial # 18

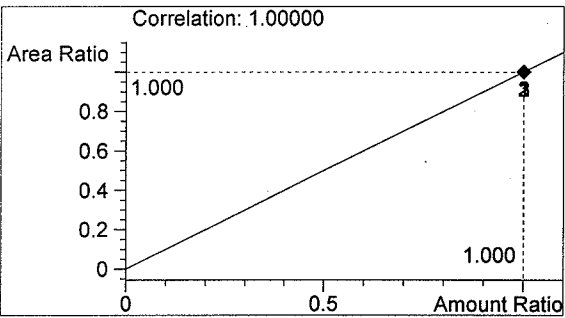


#	Compound	Area	RT
1	Ethanol	698	1.008
2	n-Propanol	1568	1.660

Totals:



Ethanol 0.098 g/100ml

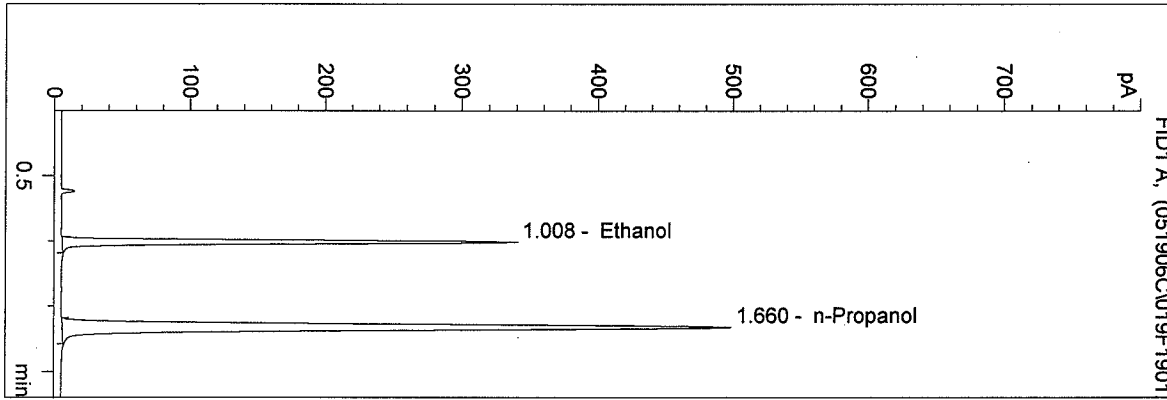


n-Propanol 1.000 g/100ml

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

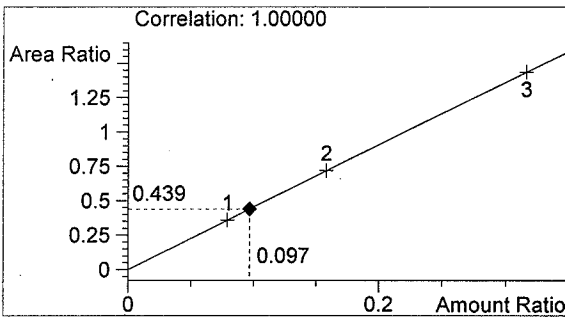
06022
 SIMULATOR SOLUTION

vial # 19

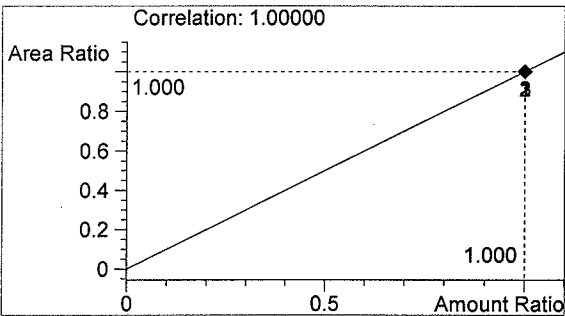


#	Compound	Area	RT
1	Ethanol	682	1.008
2	n-Propanol	1552	1.660

Totals:



Ethanol 0.097 g/100ml

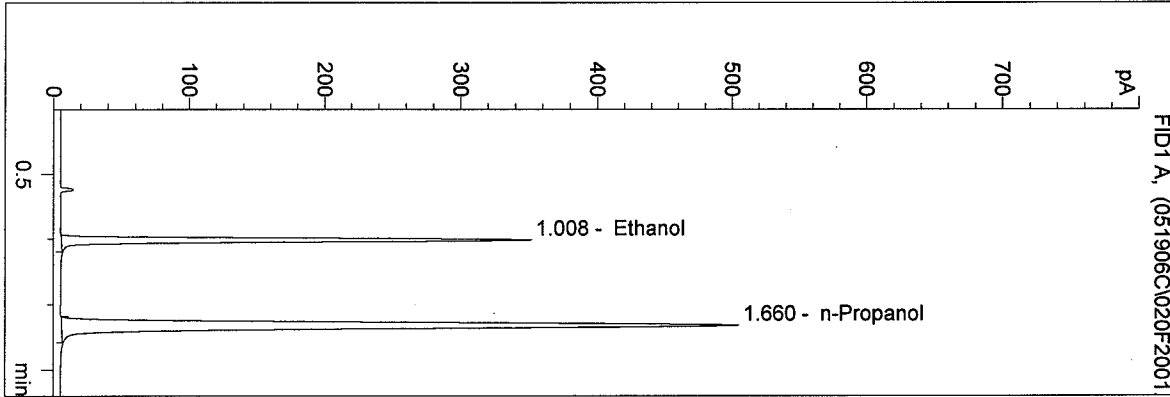


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

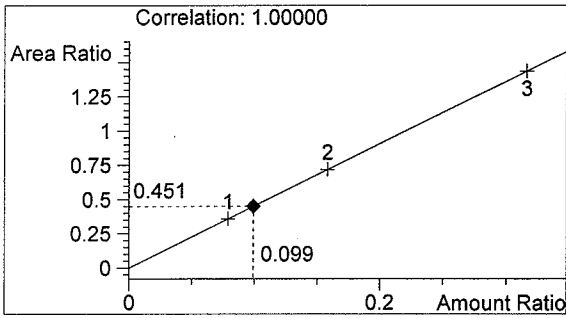
0.10 CONTROL
 SIMULATOR SOLUTION

vial # 20

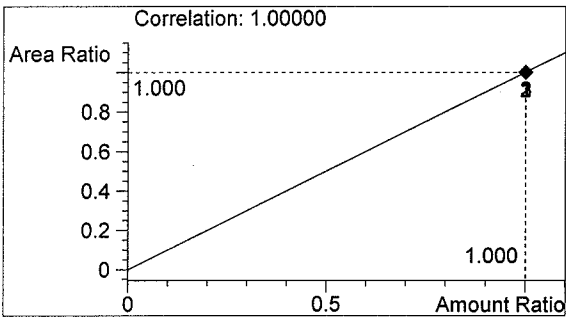


#	Compound	Area	RT
1	Ethanol	709	1.008
2	n-Propanol	1572	1.660

Totals:



Ethanol 0.099 g/100ml

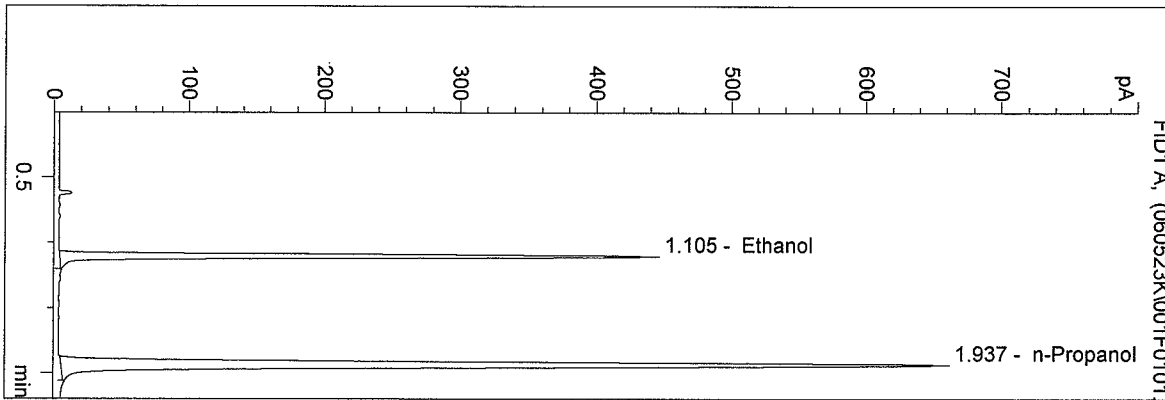


n-Propanol 1.000 g/100ml

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 5/23/2006 7:34:39 AM
 Instrument 5
 DB-ALC2

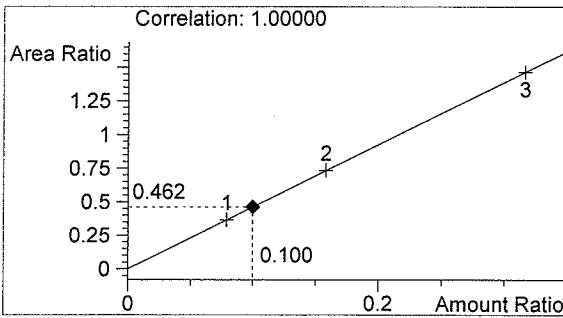
0.10 CTL-KDG
 kgross

vial # 1

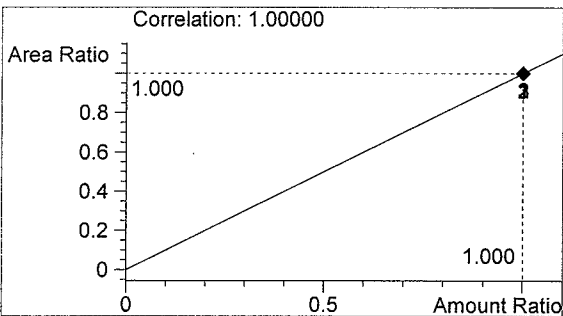


#	Compound	Area	RT
1	Ethanol	884	1.105
2	n-Propanol	1912	1.937

Totals:



Ethanol 0.100 g/100ml

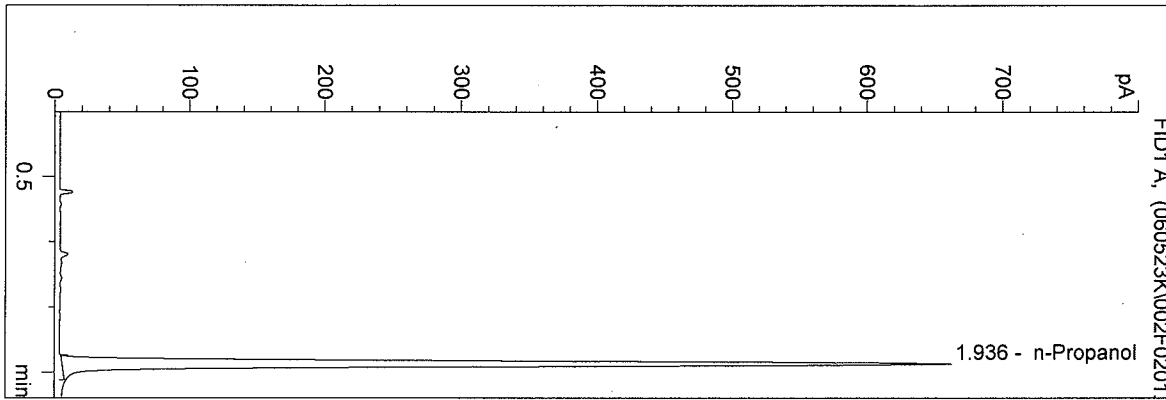


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 5/23/2006 7:37:53 AM
 Instrument 5
 DB-ALC2

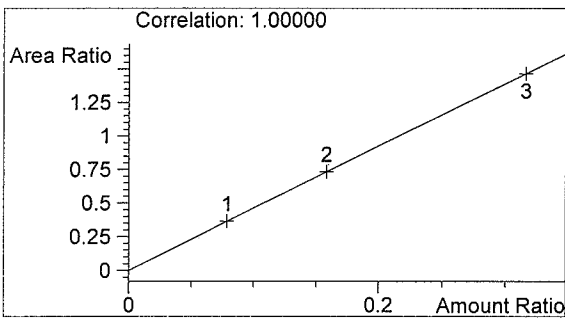
BLANK
 kgross

vial # 2

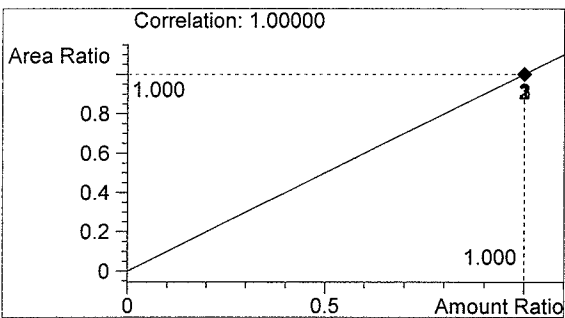


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1920	1.936

Totals:



Ethanol 0.000 g/100ml

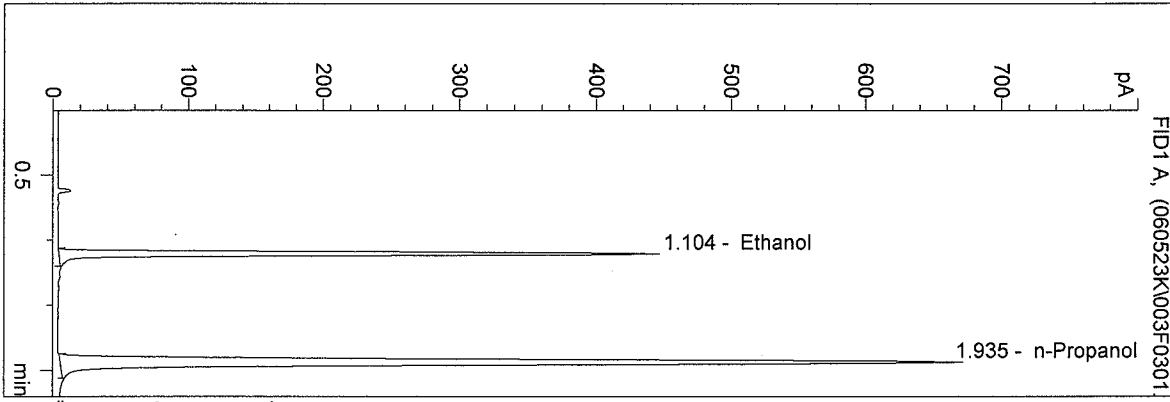


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 5/23/2006 7:41:05 AM
 Instrument 5
 DB-ALC2

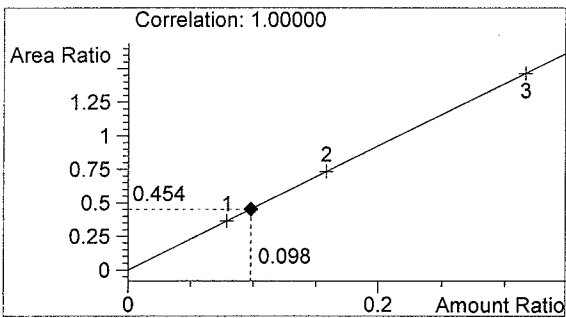
06022qa
 kgross

vial # 3

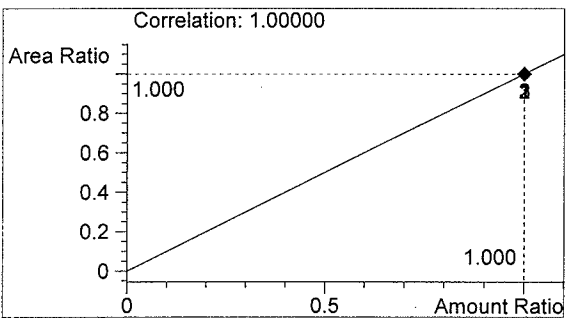


#	Compound	Area	RT
1	Ethanol	886	1.104
2	n-Propanol	1953	1.935

Totals:



Ethanol 0.098 g/100ml

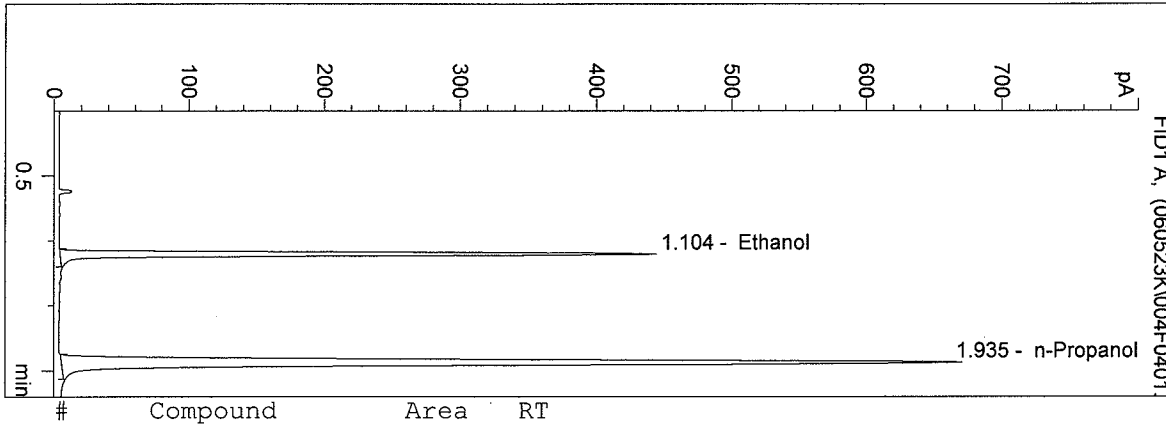


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 5/23/2006 7:44:22 AM
 Instrument 5
 DB-ALC2

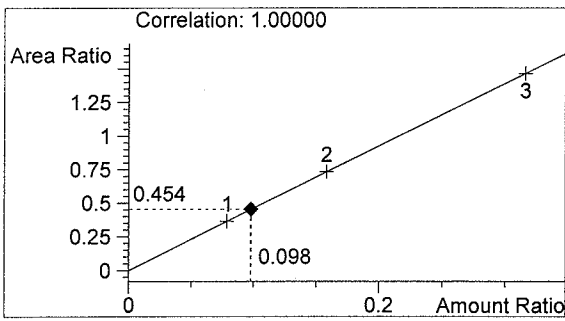
06022qa
 kgross

vial # 4

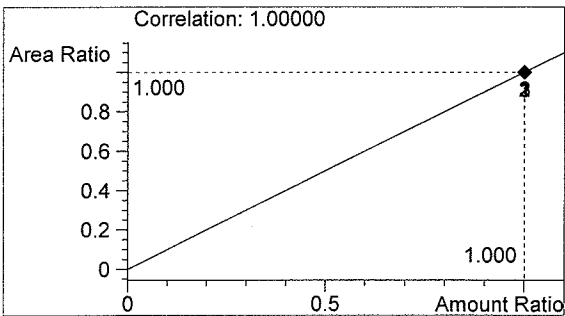


#	Compound	Area	RT
1	Ethanol	883	1.104
2	n-Propanol	1945	1.935

Totals:



Ethanol 0.098 g/100ml

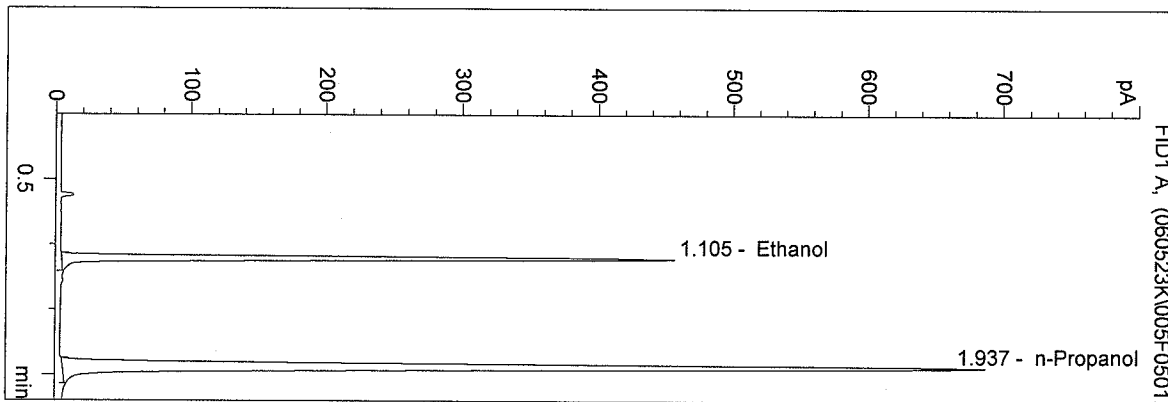


n-Propanol 1.000 g/100ml

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 5/23/2006 7:47:29 AM
 Instrument 5
 DB-ALC2

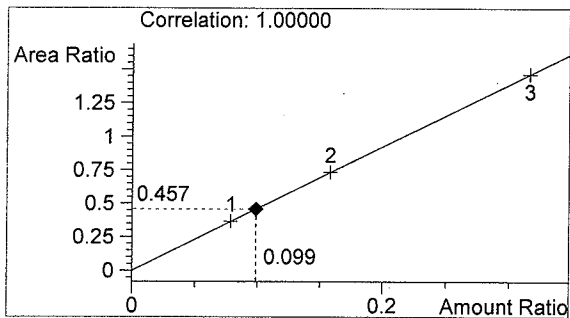
06022qa
 kgross

vial # 5

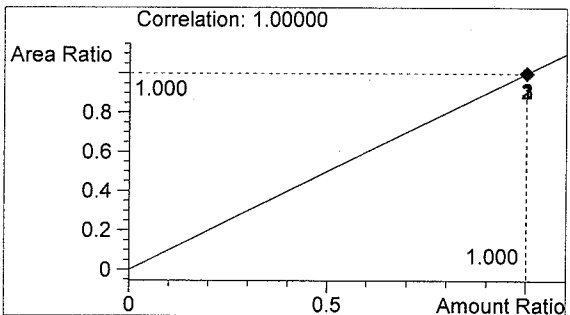


#	Compound	Area	RT
1	Ethanol	913	1.105
2	n-Propanol	1998	1.937

Totals:



Ethanol 0.099 g/100ml

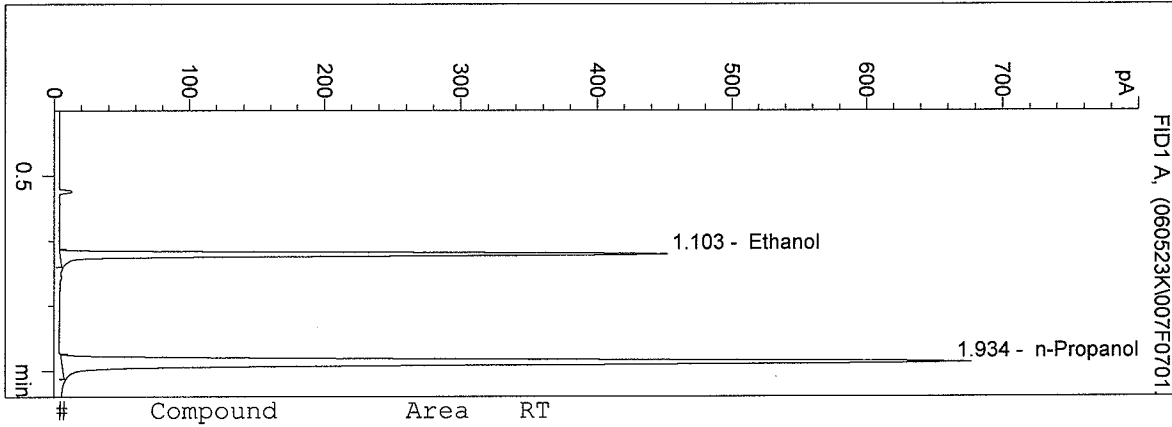


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 5/23/2006 7:56:17 AM
 Instrument 5
 DB-ALC2

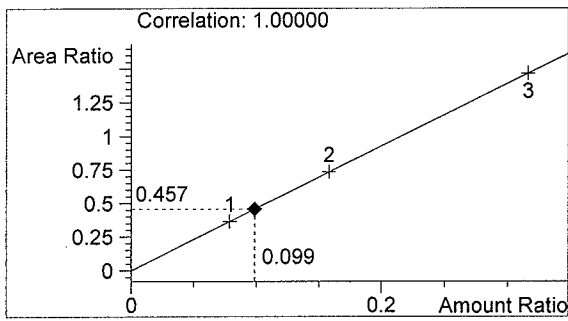
06022qa
 kgross

vial # 7

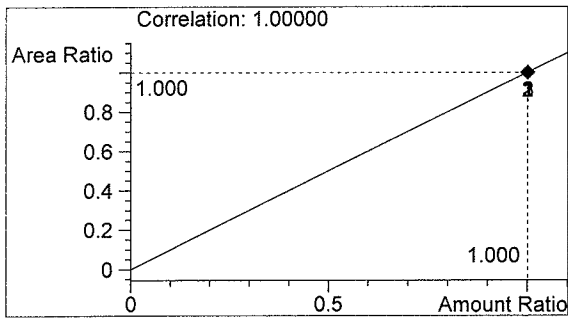


#	Compound	Area	RT
1	Ethanol	899	1.103
2	n-Propanol	1965	1.934

Totals:



Ethanol 0.099 g/100ml

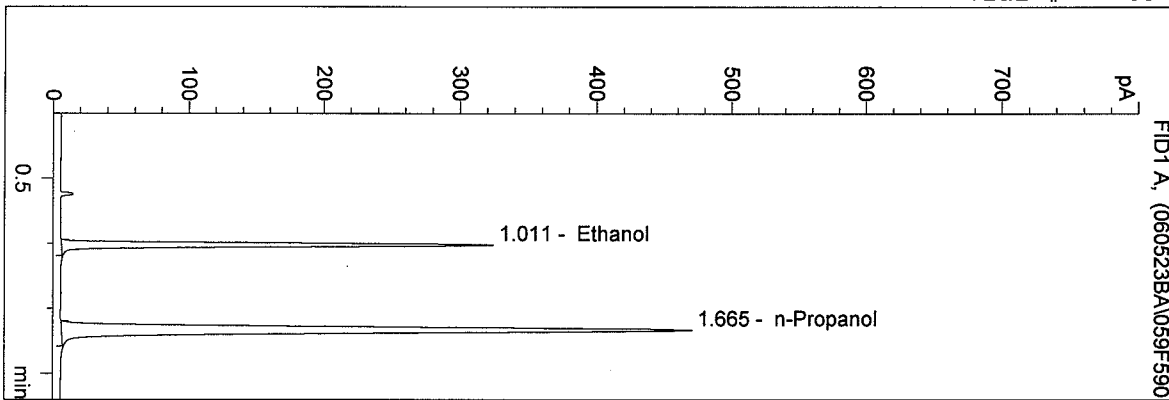


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/23/2006 2:06:10 PM
 Instrument 4
 DB-ALC1

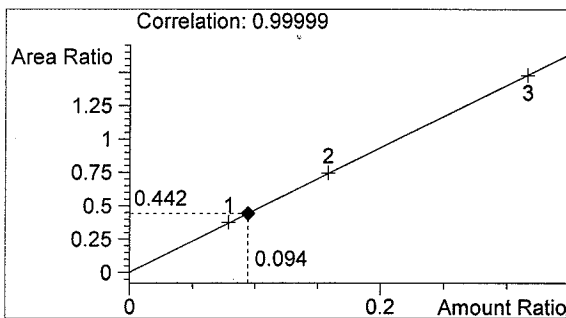
06022-a QA
 Brianne E. Akins

vial # 59

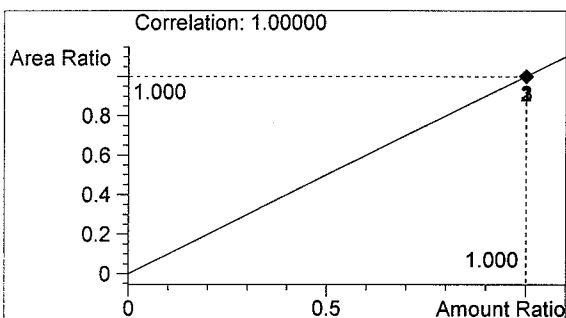


#	Compound	Area	RT
1	Ethanol	648	1.011
2	n-Propanol	1465	1.665

Totals:



Ethanol 0.094 g/100ml

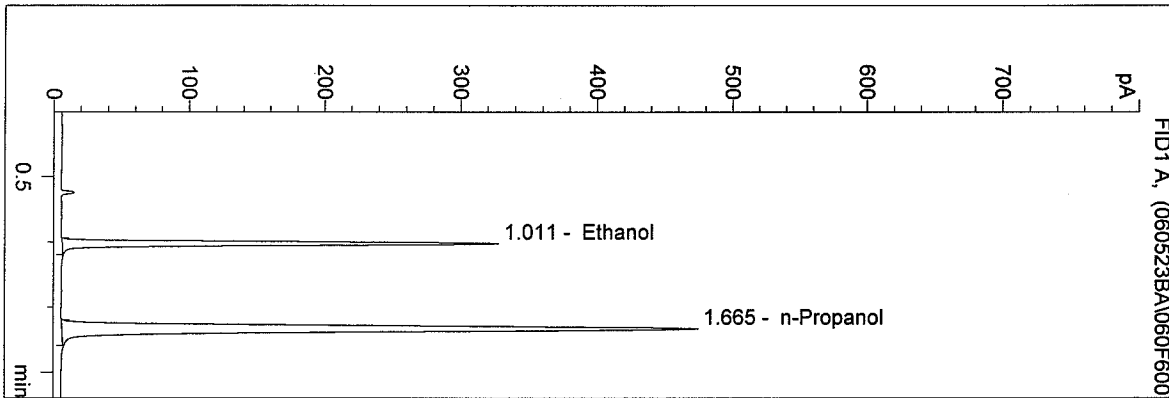


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/23/2006 2:09:22 PM
 Instrument 4
 DB-ALC1

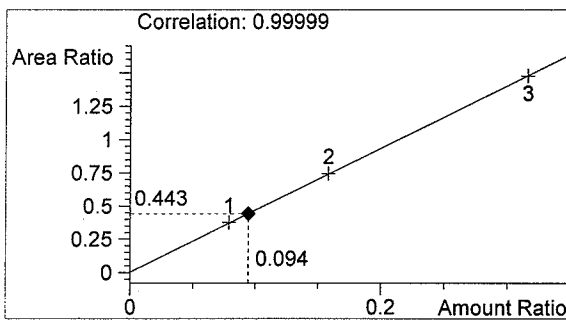
06022-b QA
 Brianne E. Akins

vial # 60

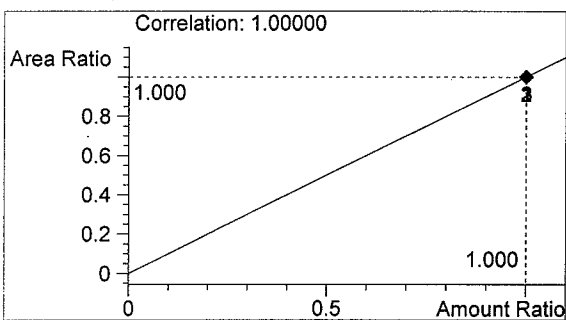


#	Compound	Area	RT
1	Ethanol	654	1.011
2	n-Propanol	1476	1.665

Totals:



Ethanol 0.094 g/100ml

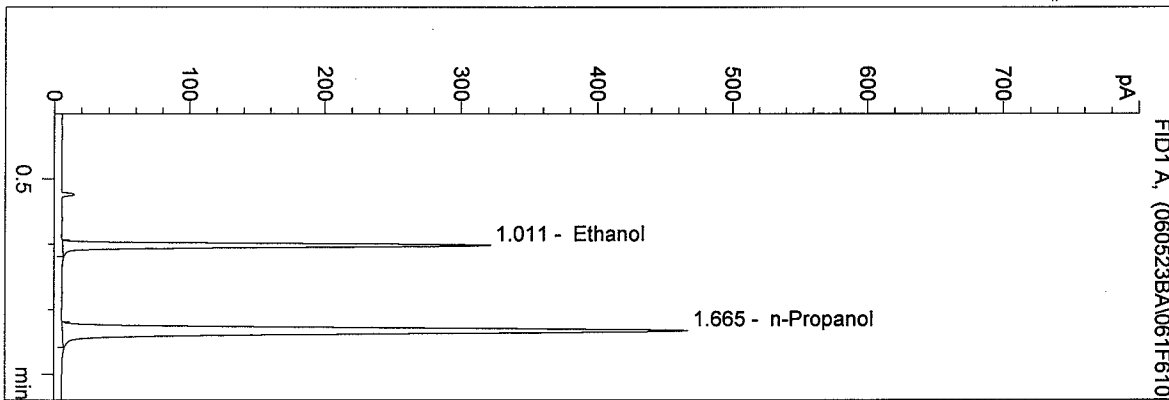


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

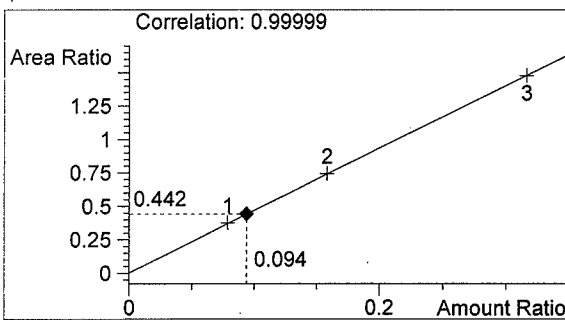
06022-c QA
 Brianne E. Akins

vial # 61

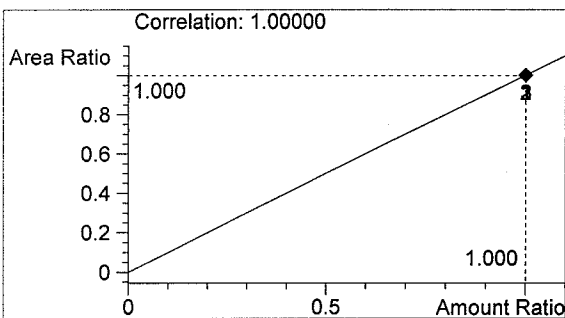


#	Compound	Area	RT
1	Ethanol	642	1.011
2	n-Propanol	1452	1.665

Totals:



Ethanol 0.094 g/100ml

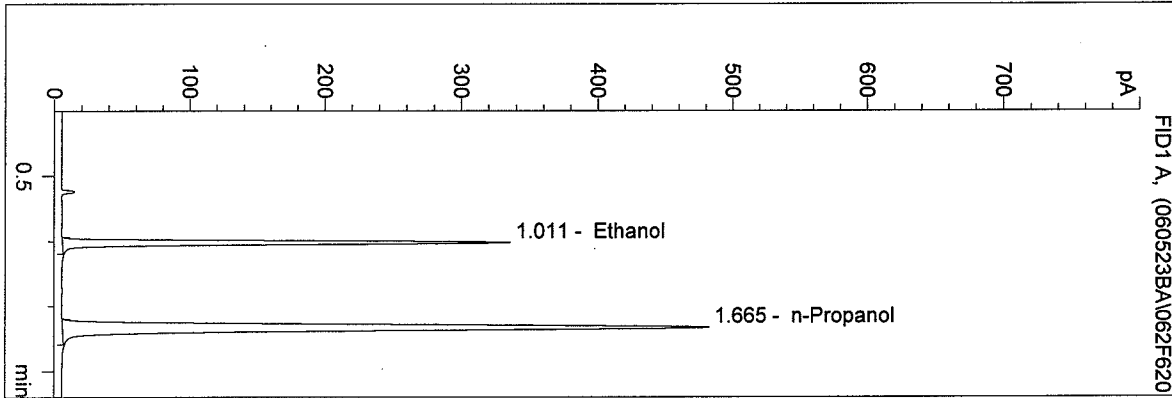


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/23/2006 2:15:49 PM
 Instrument 4
 DB-ALC1

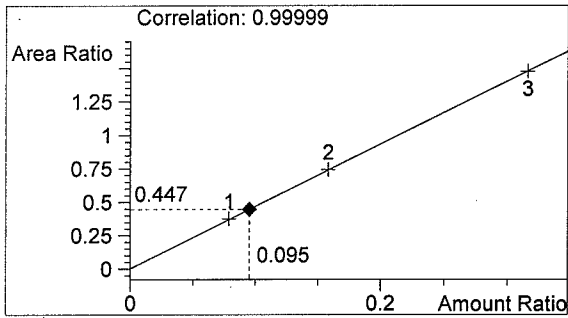
06022-d QA
 Brianne E. Akins

vial # 62

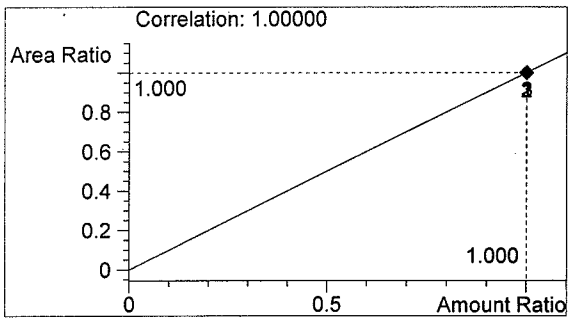


#	Compound	Area	RT
1	Ethanol	671	1.011
2	n-Propanol	1502	1.665

Totals:



Ethanol 0.095 g/100ml

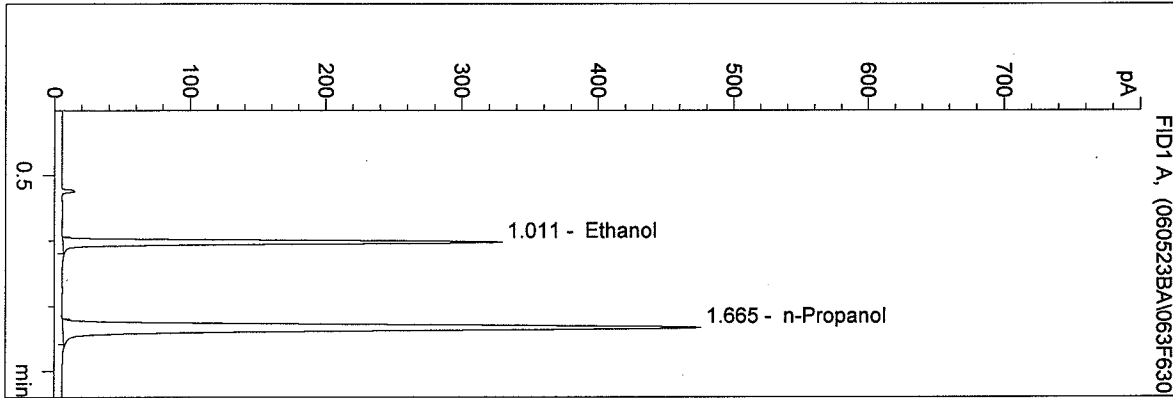


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/23/2006 2:19:06 PM
 Instrument 4
 DB-ALC1

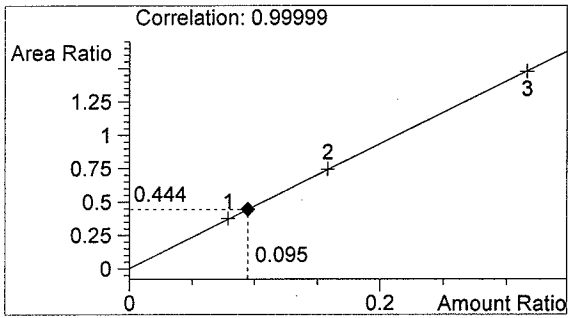
06022-e QA
 Brianne E. Akins

vial # 63

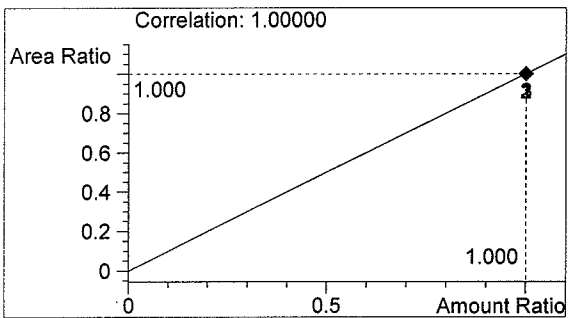


#	Compound	Area	RT
1	Ethanol	658	1.011
2	n-Propanol	1482	1.665

Totals:



Ethanol 0.095 g/100ml

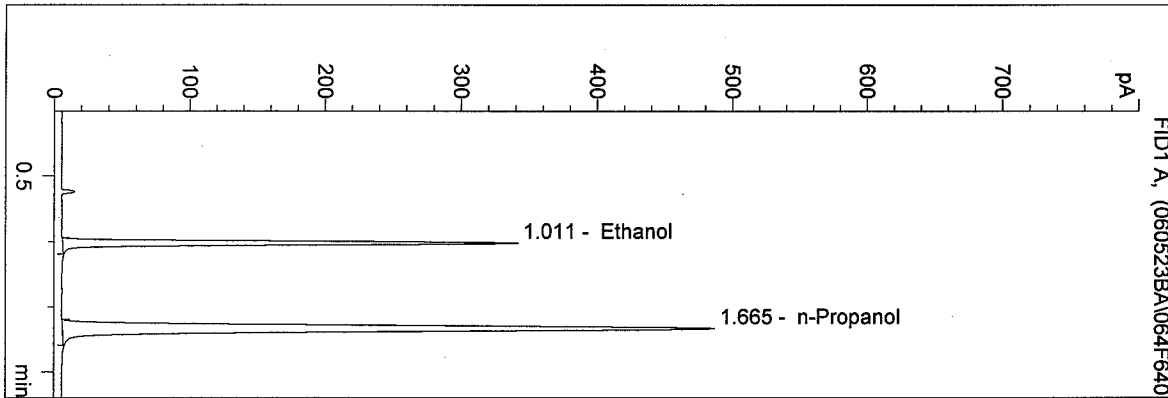


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

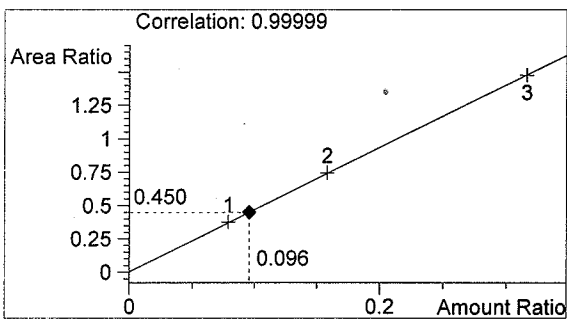
0.10 CONTROL-ba
 Brianne E. Akins

vial # 64

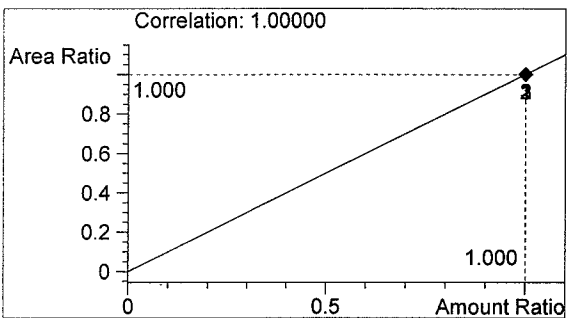


#	Compound	Area	RT
1	Ethanol	683	1.011
2	n-Propanol	1518	1.665

Totals:



Ethanol 0.096 g/100ml

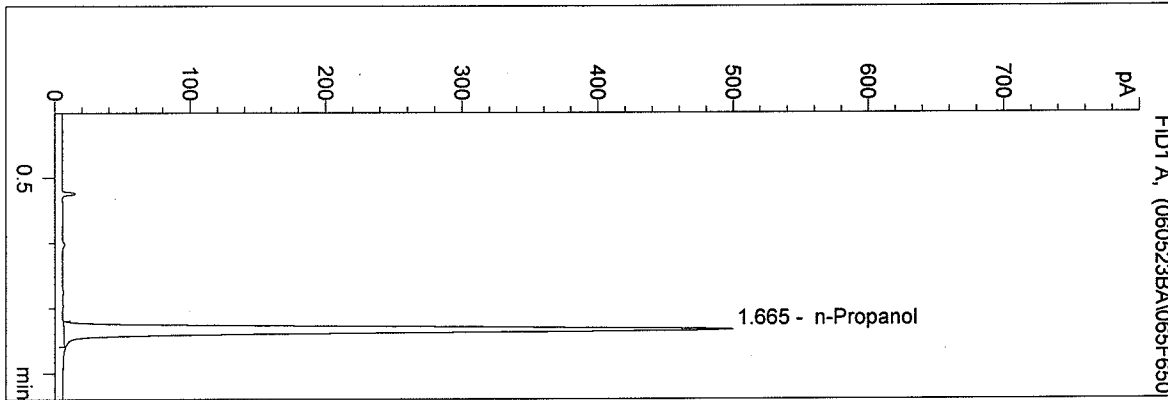


n-Propanol 1.000 g/100ml

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

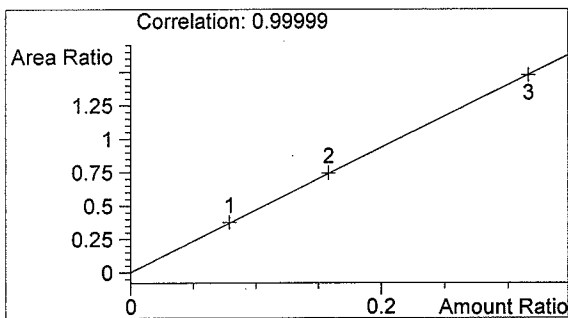
BLANK
 Brianne E. Akins

vial # 65

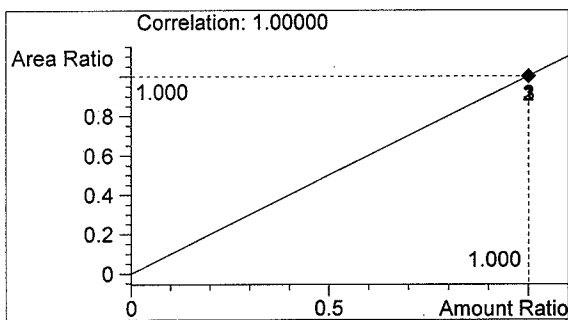


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1552	1.665

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml