

Notice of Simulator Solution File Review

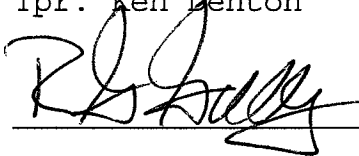
At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution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

 10/10/2007

Tpr. Ken Denton Date

 10-10-07

Rod G. Gullberg Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer LYEL DENTON / ROB GOURBIEG Date 10-5-07

Location TOX LAB SEATTLE Batch Number 06011

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:

DATE OF ANALYSIS FOR BRIAN C. MORRIST

Comments:

Reviewer Signature:  Date: 10-5-07

Reviewer Signature:  Date: 10/5/2007

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 **06011** Date: 2/14/2006
 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	0.100	0.096													
2	0.098	0.099	0.098													
3	0.098	0.099	0.096													
4	0.099	0.099	0.097													
5	0.098	0.099	0.097													
Ctrl	0.100	0.100	0.099													




External Control:

Lot #: A03592820 Exp date: 07/09
 Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0981 g/100 mL
 SD: 0.00116
 Range (3xSD): 0.0946 to 0.1016
 Precision CV (%): 1.1854 %

Equivalent vapor concent.: 0.0798 g/210L

Analyst	Name	Signature	Date
1	Estuardo J. Miranda		02/15/2006
2	Brianne Akins		02/15/2006
3	Brian Capron		2-16-06-02/15/2006- ^{RL} 10.9.07
4			
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16			

Prepared by: Estuardo J. Miranda 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, 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 seven years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 06011, was prepared in the Washington State Toxicology Laboratory on 2/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0981 grams per 100ml.

Dated: 3/7/2006
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/ks
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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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 06011, was prepared in the Washington State Toxicology Laboratory on 2/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0981 grams per 100ml.

Dated: 3/7/2006
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 10-5-07





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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

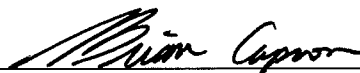
I, Brian Capron, do certify under penalty of perjury that:

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 nine years of experience in forensic toxicology.

The quality assurance solution, Lot Number 06011, was prepared in the Washington State Toxicology Laboratory on 2/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0981 grams per 100ml.

Dated: 3/7/2006
Seattle, WA



Brian Capron
Forensic Toxicologist

BC/ks
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.

 10.9.07

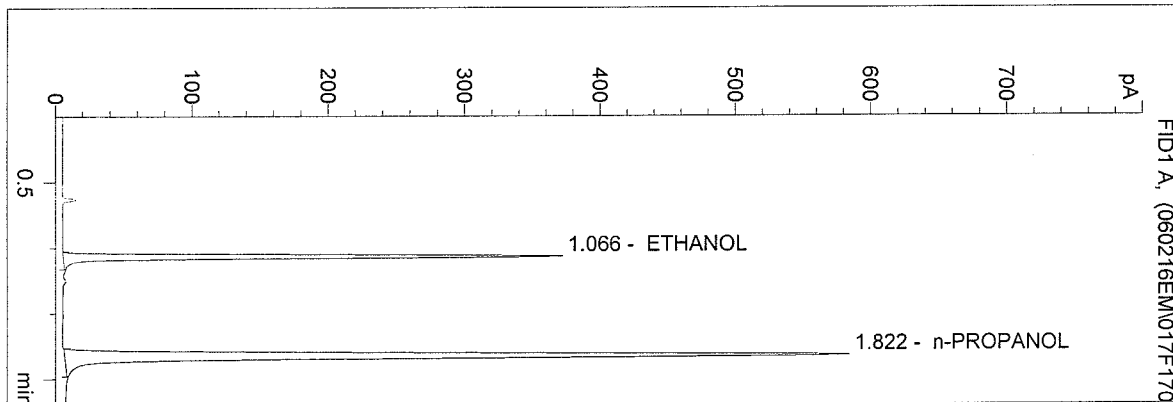


WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 3
 db-alc2

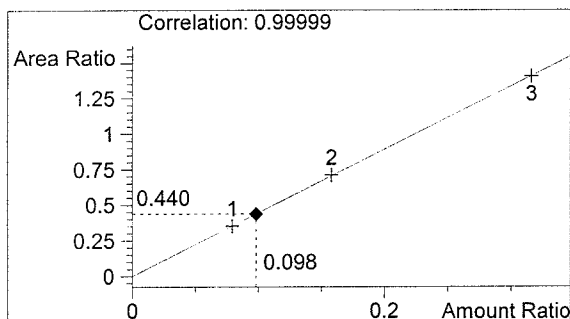
QA 06011-1
 Estuardo J. Miranda

vial # 17



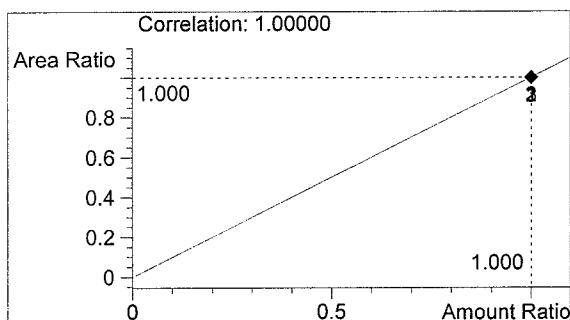
#	Compound	Area	RT
1	ETHANOL	701	1.066
2	n-PROPANOL	1594	1.822

Totals:



ETHANOL

0.098 g/100ml



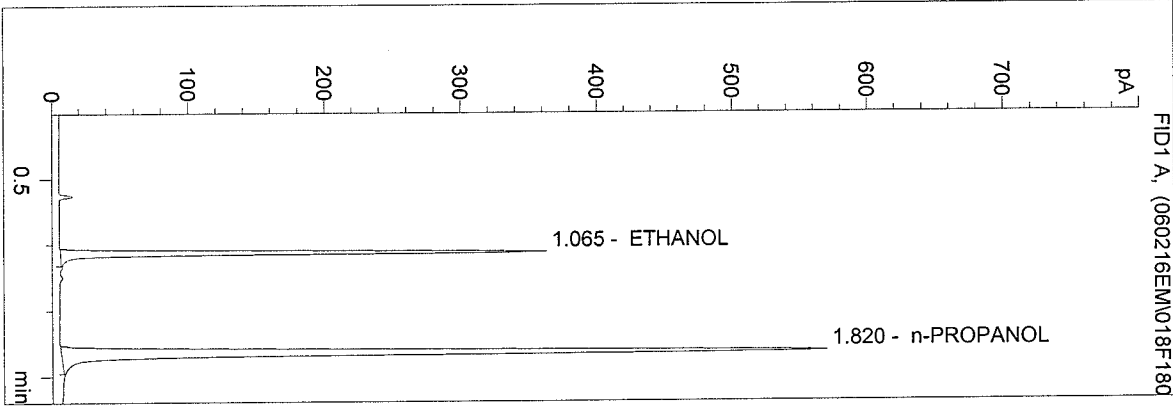
n-PROPANOL

1.000 g/100ml

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 2/15/2006 1:15:23 PM
 Instrument 3
 db-alc2

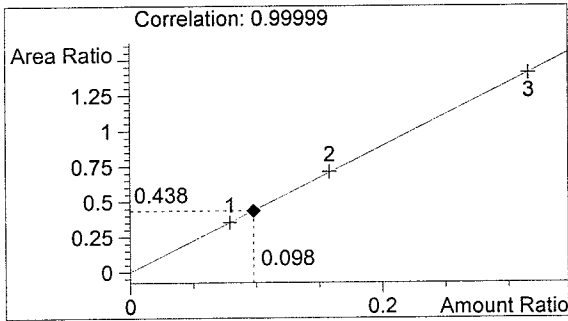
QA 06011-2
 Estuardo J. Miranda

vial # 18



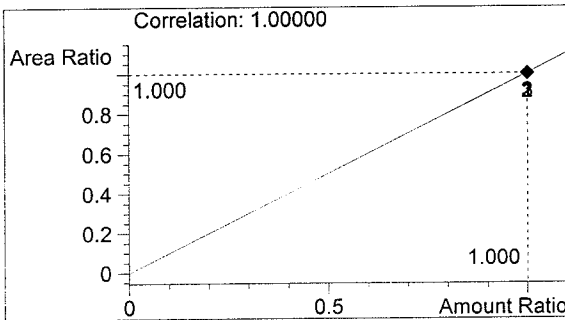
#	Compound	Area	RT
1	ETHANOL	682	1.065
2	n-PROPANOL	1559	1.820

Totals:



ETHANOL

0.098 g/100ml



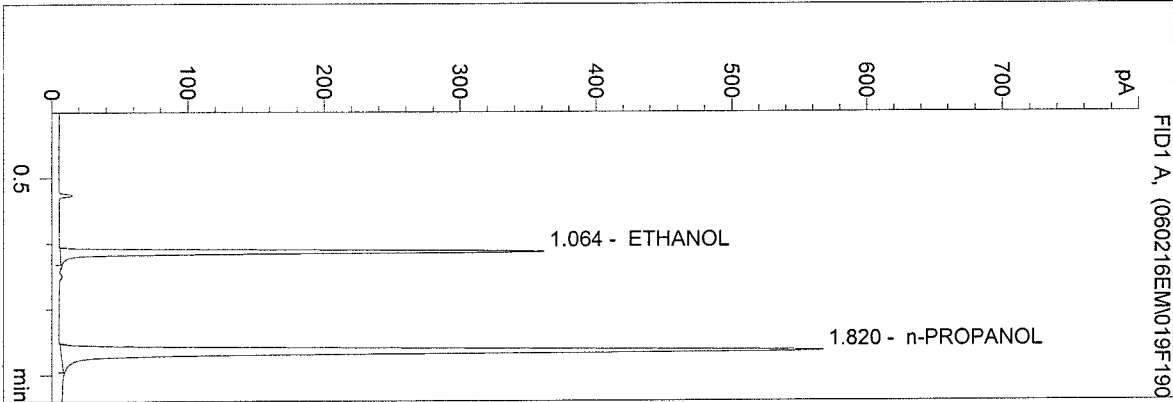
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 2/15/2006 1:18:30 PM
 Instrument 3
 db-alc2

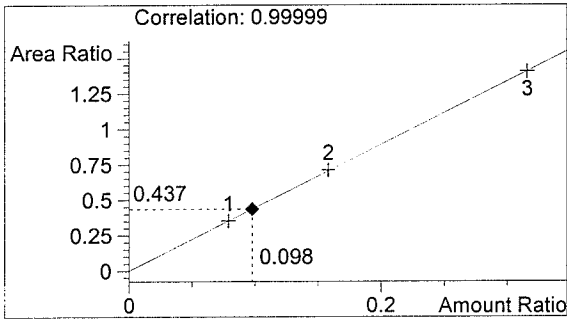
QA 06011-3
 Estuardo J. Miranda

vial # 19



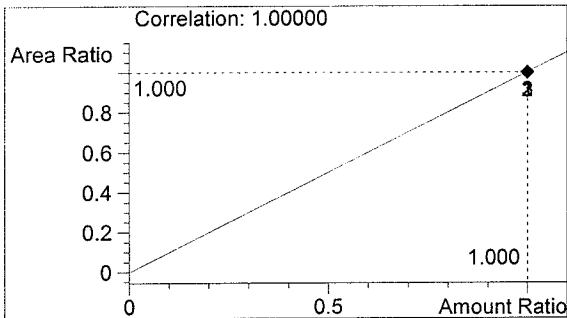
#	Compound	Area	RT
1	ETHANOL	677	1.064
2	n-PROPANOL	1549	1.820

Totals:



ETHANOL

0.098 g/100ml

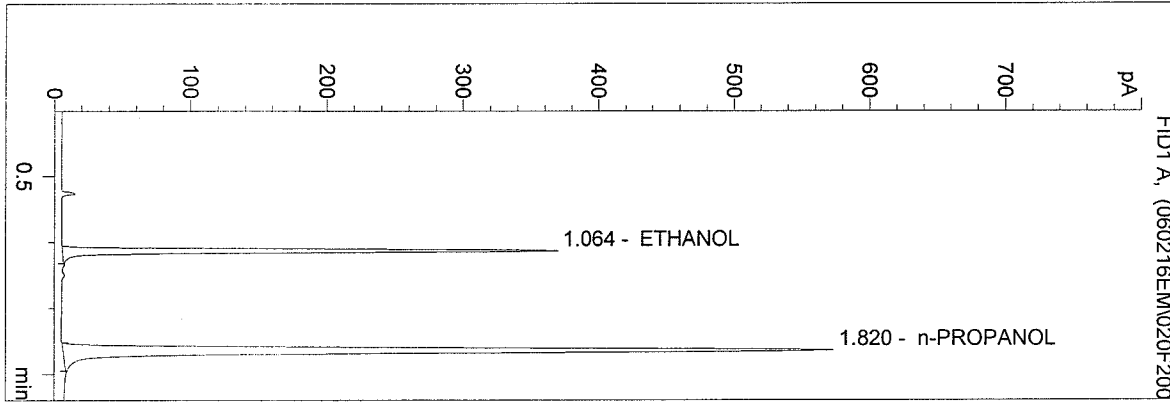


n-PROPANOL

1.000 g/100ml

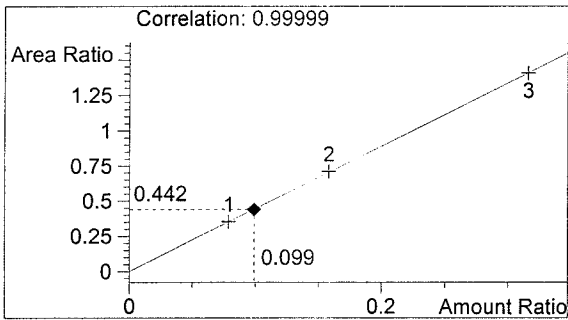
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 Instrument 3
 db-alc2

QA 06011-4
 Estuardo J. Miranda
 vial # 20



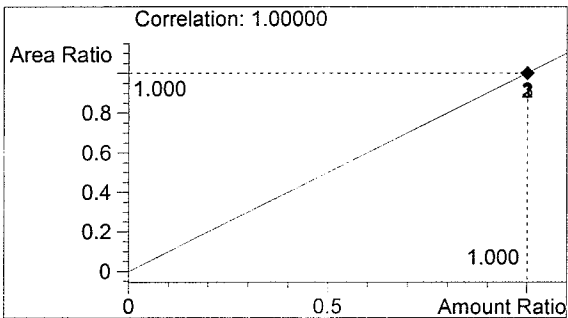
#	Compound	Area	RT
1	ETHANOL	692	1.064
2	n-PROPANOL	1566	1.820

Totals:



ETHANOL

0.099 g/100ml



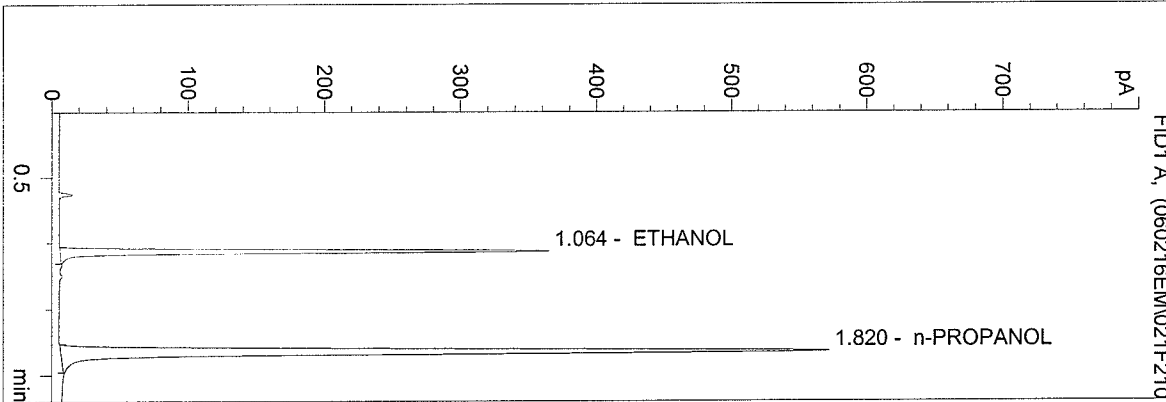
n-PROPANOL

1.000 g/100ml

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 2/15/2006 1:24:44 PM
 Instrument 3
 db-alc2

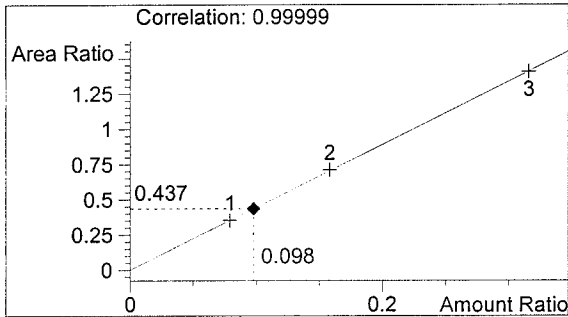
QA 06011-5
 Estuardo J. Miranda

vial # 21



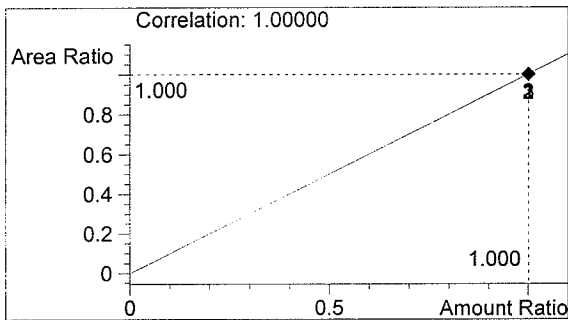
#	Compound	Area	RT
1	ETHANOL	684	1.064
2	n-PROPANOL	1565	1.820

Totals:



ETHANOL

0.098 g/100ml



n-PROPANOL

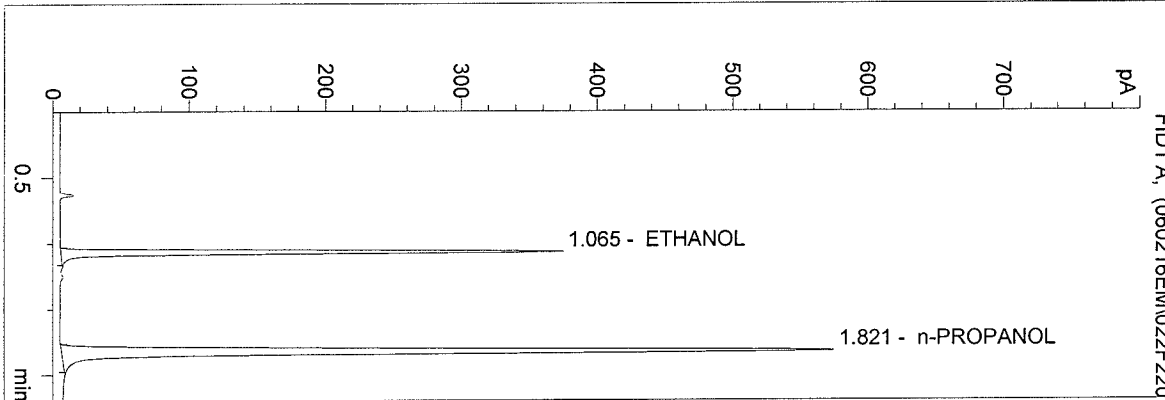
1.000 g/100ml

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 2/15/2006 1:27:51 PM
 Instrument 3
 db-alc2

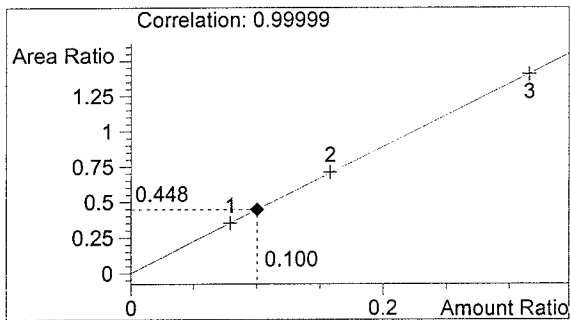
0.100 Control
 Estuardo J. Miranda

vial # 22



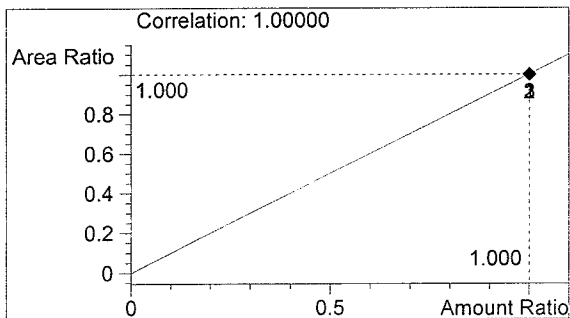
#	Compound	Area	RT
1	ETHANOL	703	1.065
2	n-PROPANOL	1568	1.821

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

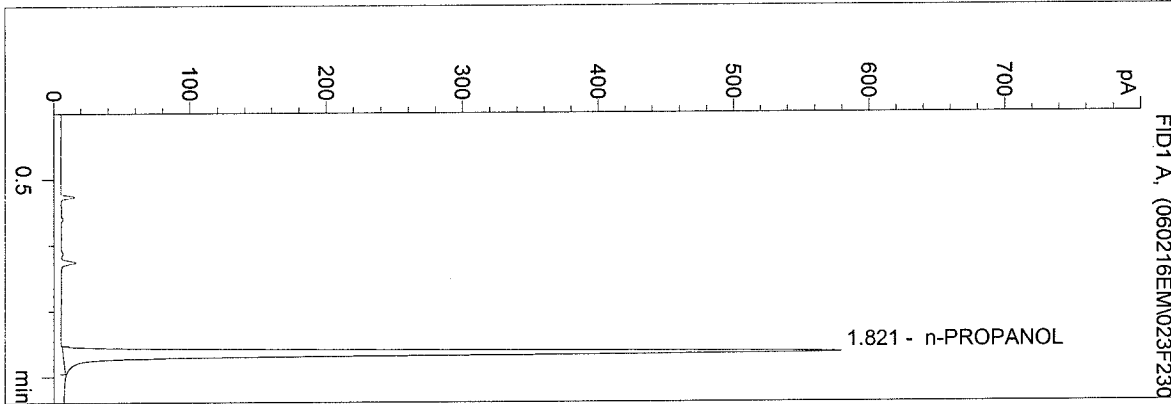
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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 2/15/2006 1:30:58 PM
 Instrument 3
 db-alc2

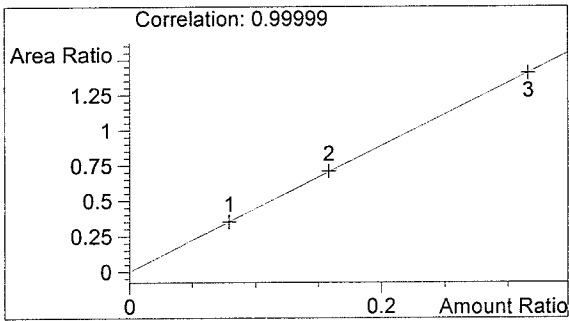
Blank
 Estuardo J. Miranda

vial # 23



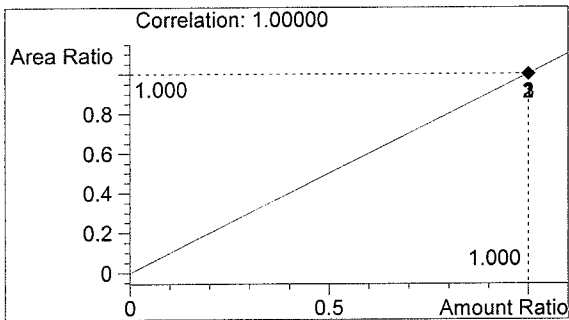
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1580	1.821

Totals:



ETHANOL

0.000 g/100ml



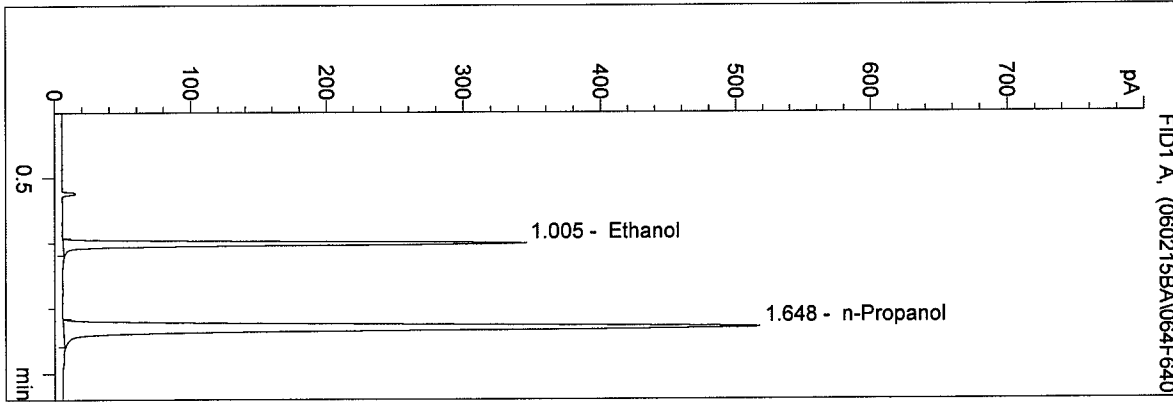
n-PROPANOL

1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/15/2006 3:12:34 PM
 Instrument 4
 DB-ALC1

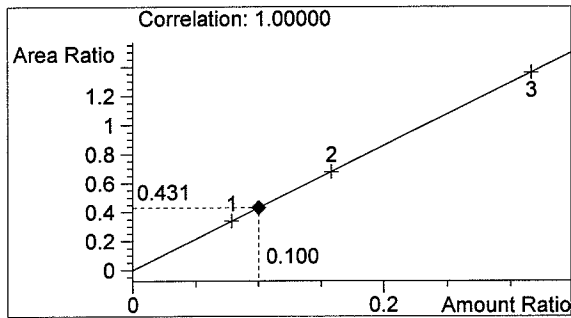
06011-A
 Brianne E. Akins

vial # 64

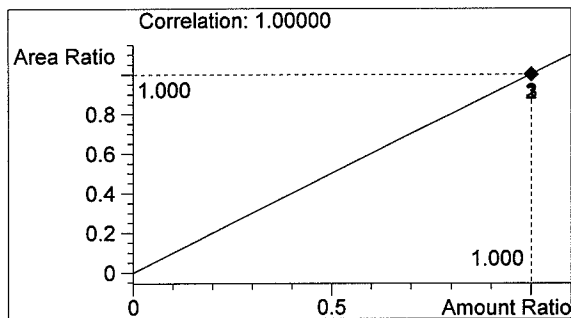


#	Compound	Area	RT
1	Ethanol	693	1.005
2	n-Propanol	1609	1.648

Totals:



Ethanol 0.100 g/100ml

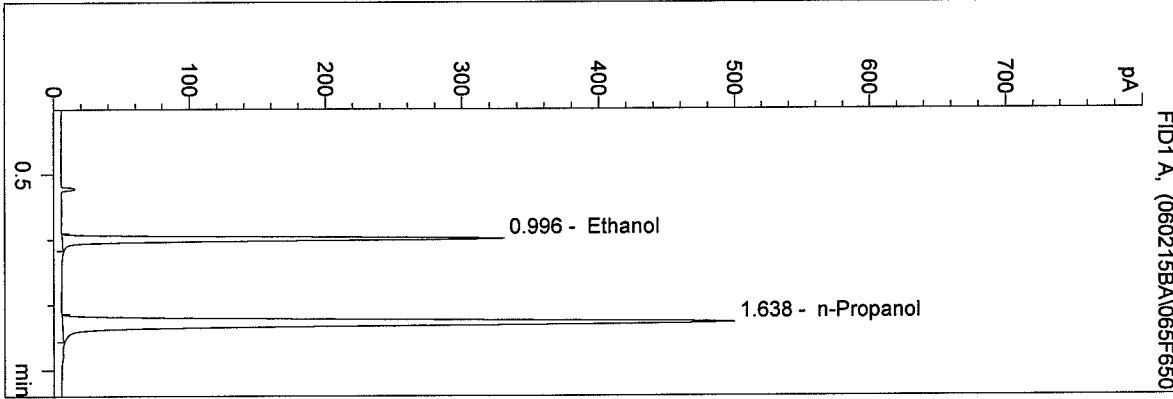


n-Propanol 1.000 g/100ml

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 2/15/2006 3:15:43 PM
 Instrument 4
 DB-ALC1

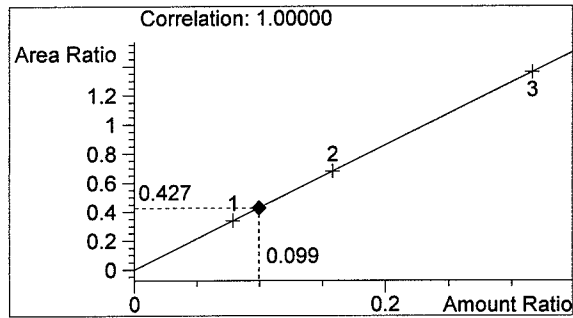
06011-B
 Brianne E. Akins

vial # 65

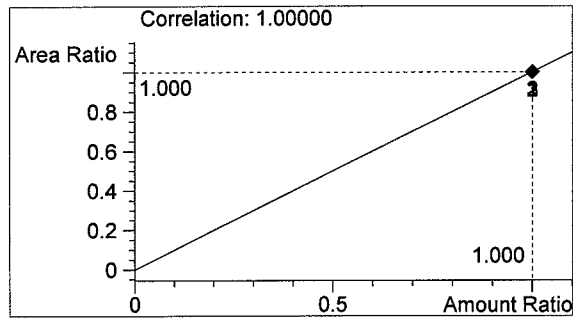


#	Compound	Area	RT
1	Ethanol	664	0.996
2	n-Propanol	1556	1.638

Totals:



Ethanol 0.099 g/100ml

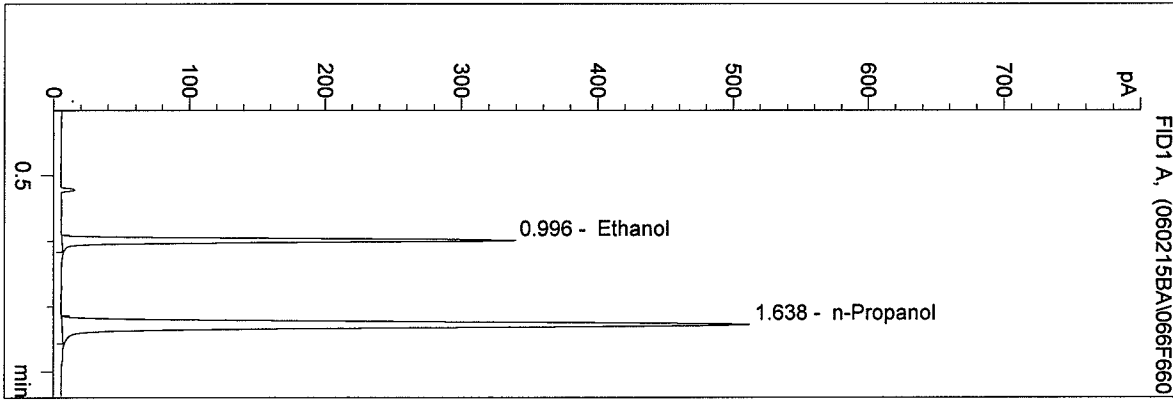


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/15/2006 3:18:52 PM
 Instrument 4
 DB-ALC1

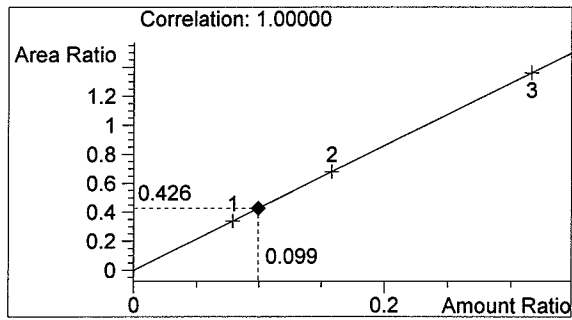
06011-C
 Brianne E. Akins

vial # 66

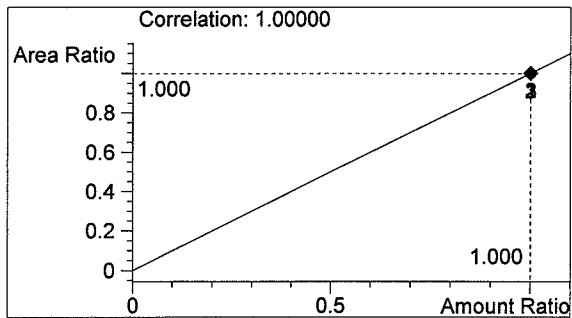


#	Compound	Area	RT
1	Ethanol	679	0.996
2	n-Propanol	1595	1.638

Totals:



Ethanol 0.099 g/100ml

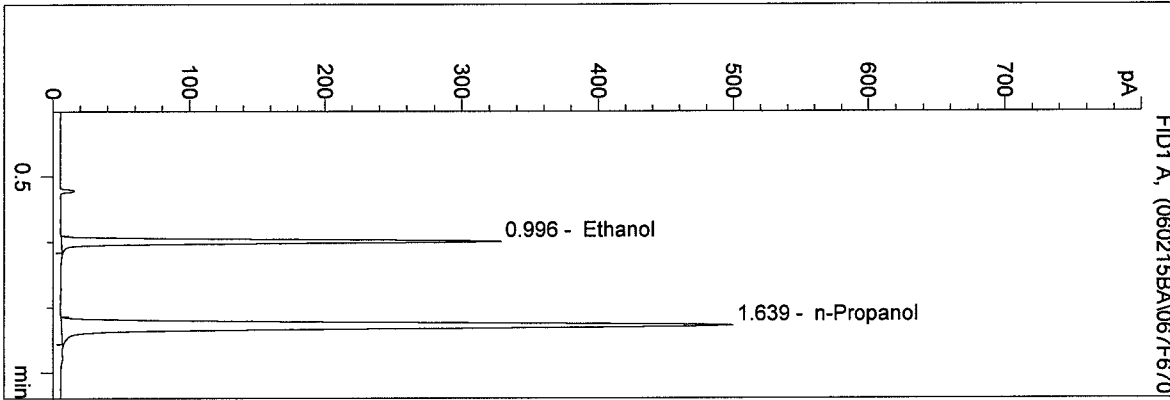


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/15/2006 3:22:10 PM
 Instrument 4
 DB-ALC1

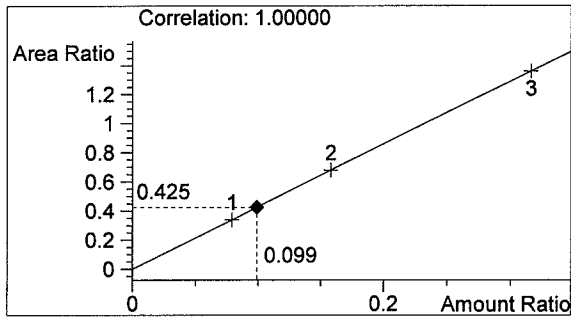
06011-D
 Brianne E. Akins

vial # 67

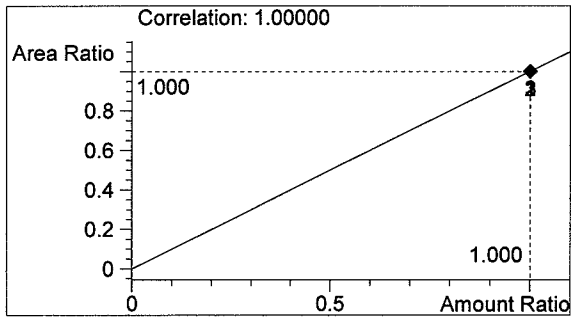


#	Compound	Area	RT
1	Ethanol	661	0.996
2	n-Propanol	1554	1.639

Totals:



Ethanol 0.099 g/100ml

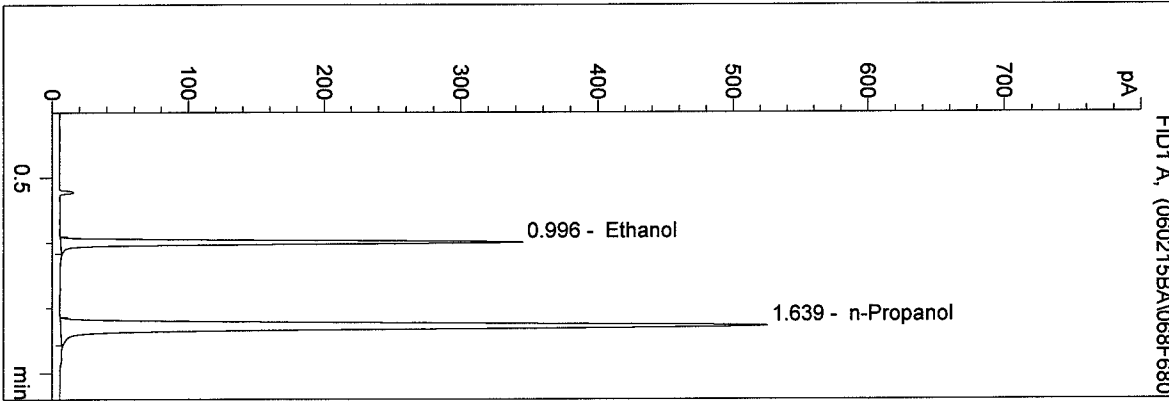


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/15/2006 3:25:27 PM
 Instrument 4
 DB-ALC1

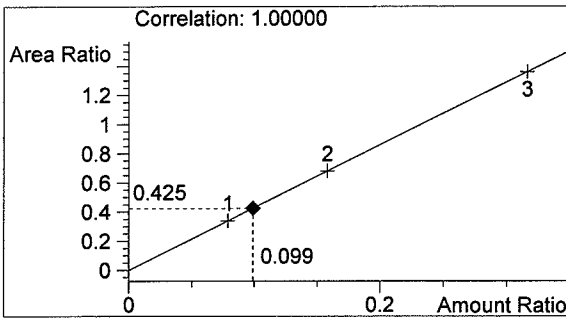
06011-E
 Brianne E. Akins

vial # 68

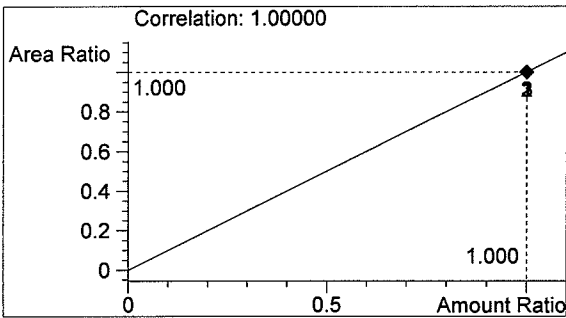


#	Compound	Area	RT
1	Ethanol	695	0.996
2	n-Propanol	1635	1.639

Totals:



Ethanol 0.099 g/100ml

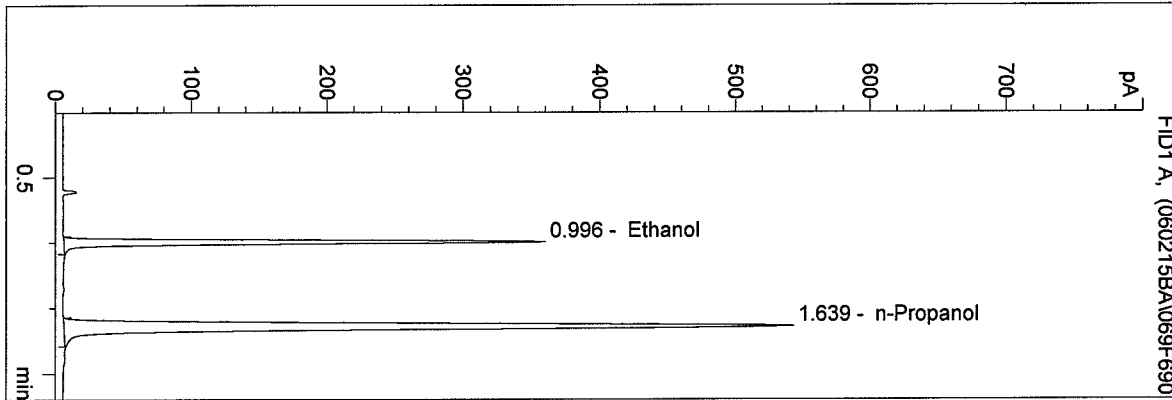


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

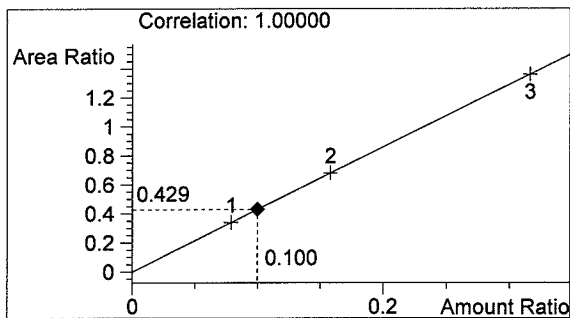
0.10 CONTROL-BA
 Brianne E. Akins

vial # 69

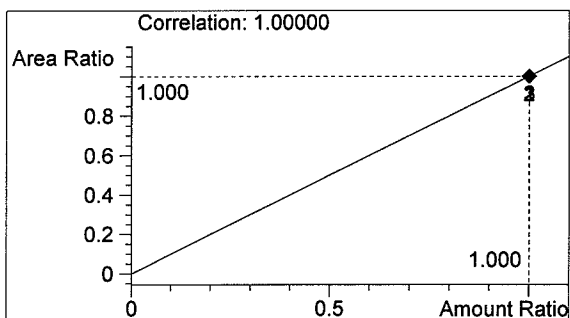


#	Compound	Area	RT
1	Ethanol	726	0.996
2	n-Propanol	1691	1.639

Totals:



Ethanol 0.100 g/100ml

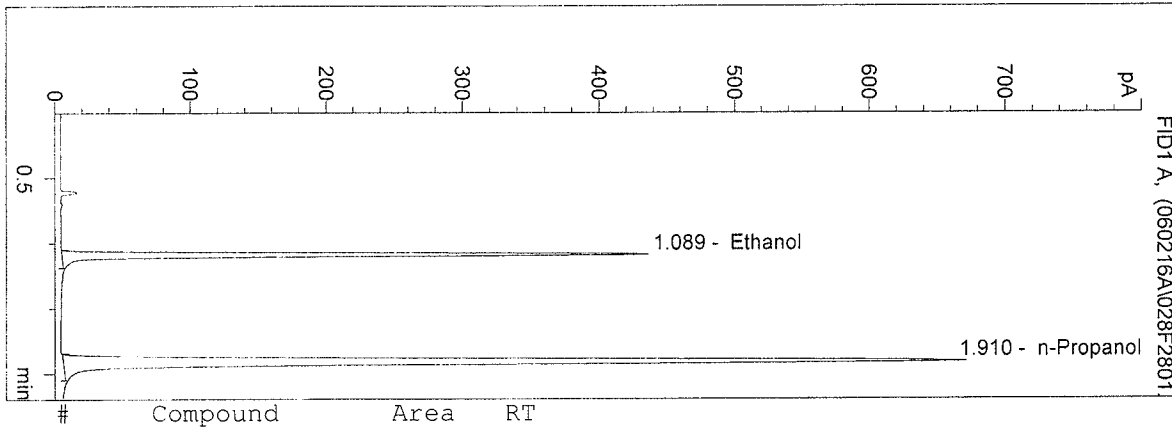


n-Propanol 1.000 g/100ml

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 2/16/2006 12:29:40 PM
 Instrument 5
 DB-ALC2

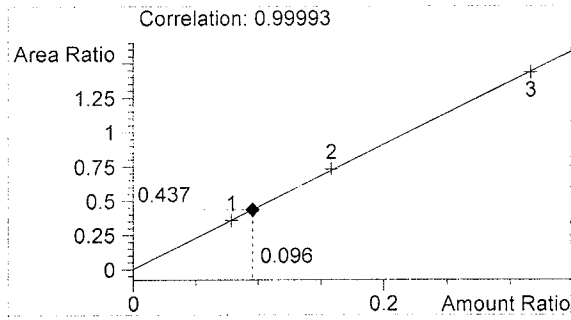
06011
 BCAPRON

vial # 28

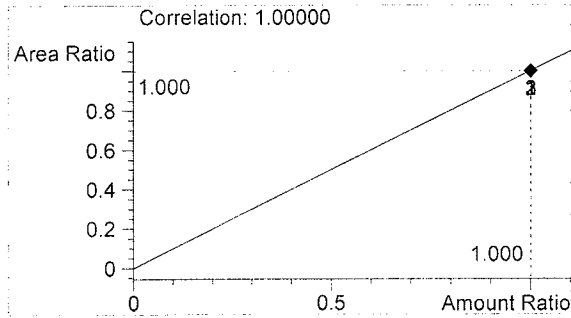


#	Compound	Area	RT
1	Ethanol	853	1.089
2	n-Propanol	1951	1.910

Totals:



Ethanol 0.096 g/100ml

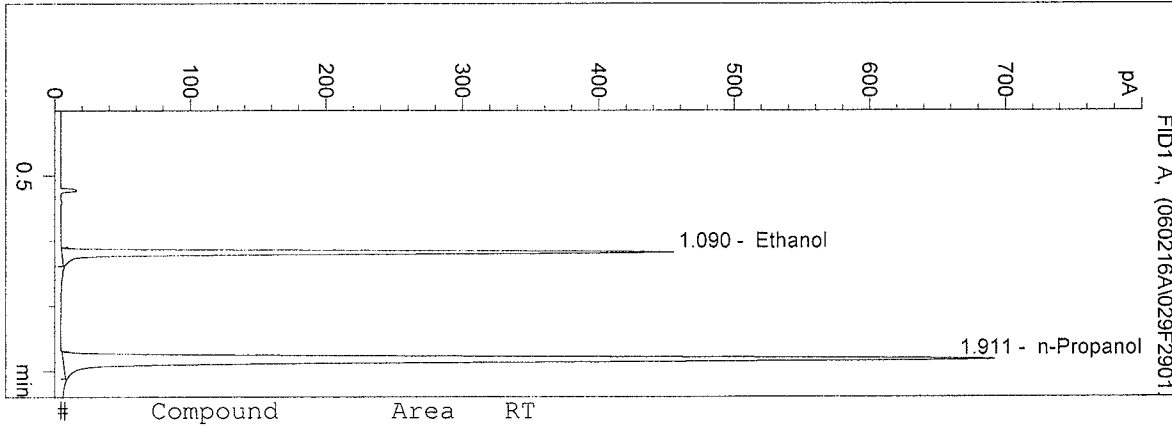


n-Propanol 1.000 g/100ml

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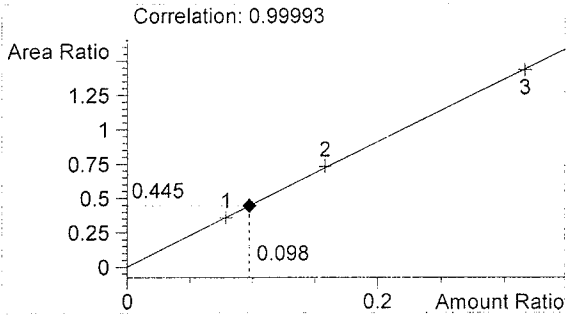
06011
 BCAPRON

vial # 29

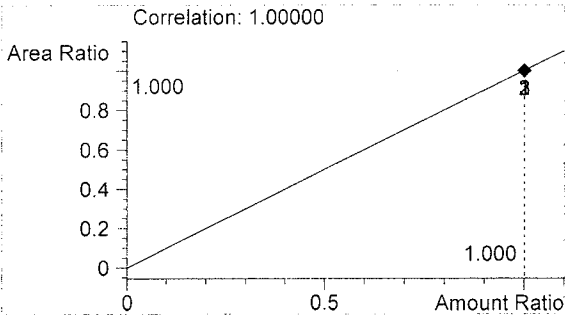


#	Compound	Area	RT
1	Ethanol	893	1.090
2	n-Propanol	2006	1.911

Totals:



Ethanol 0.098 g/100ml

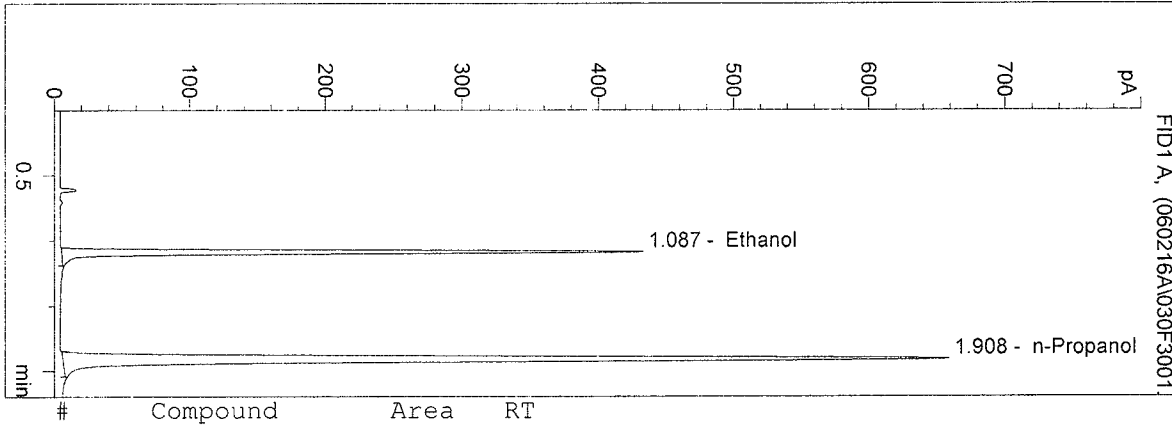


n-Propanol 1.000 g/100ml

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 2/16/2006 12:36:11 PM
 Instrument 5
 DB-ALC2

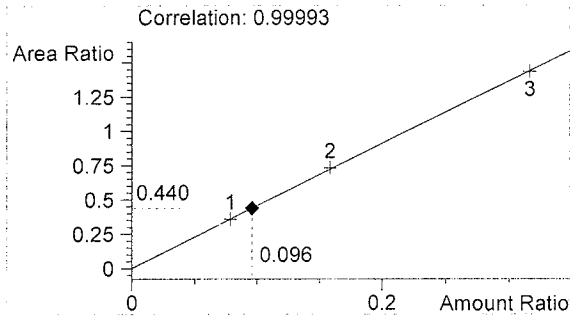
06011
 BCAPRON

vial # 30

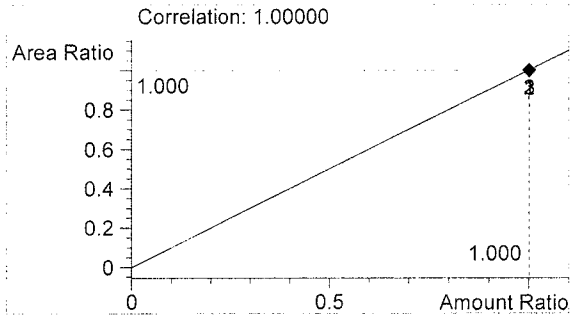


#	Compound	Area	RT
1	Ethanol	839	1.087
2	n-Propanol	1907	1.908

Totals:



Ethanol 0.096 g/100ml

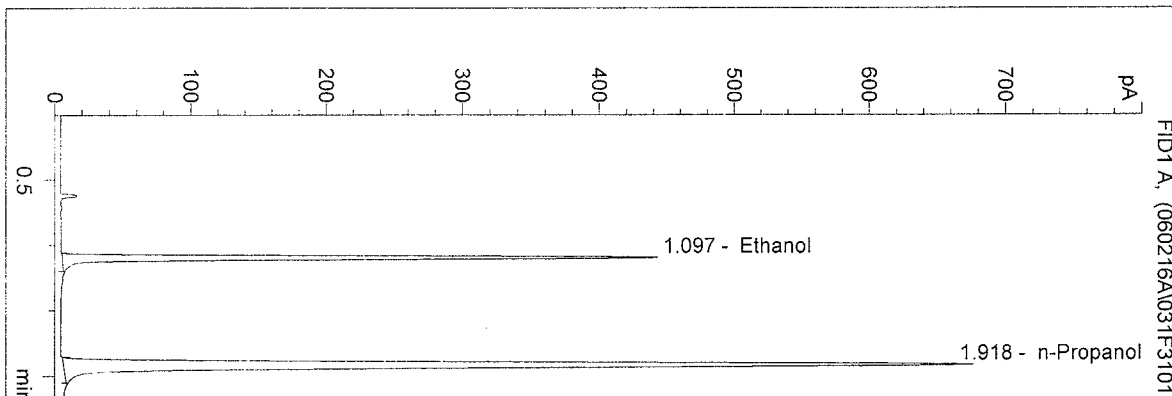


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/16/2006 12:39:28 PM
 Instrument 5
 DB-ALC2

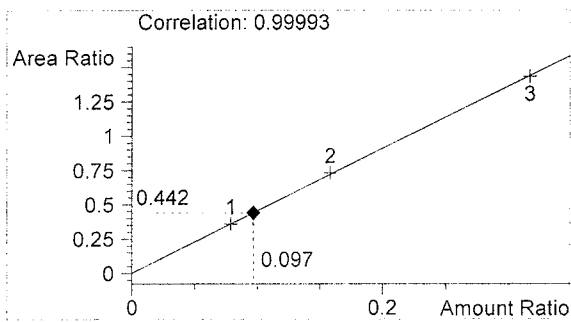
06011
 BCAPRON

vial # 31

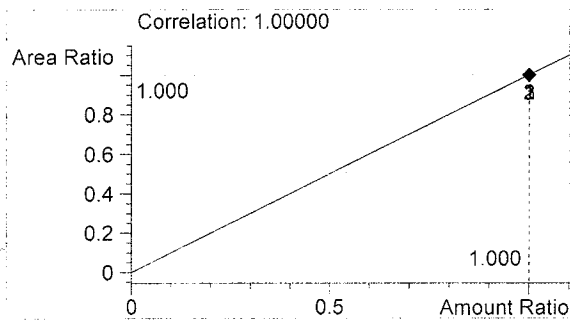


#	Compound	Area	RT
1	Ethanol	863	1.097
2	n-Propanol	1954	1.918

Totals:



Ethanol 0.097 g/100ml

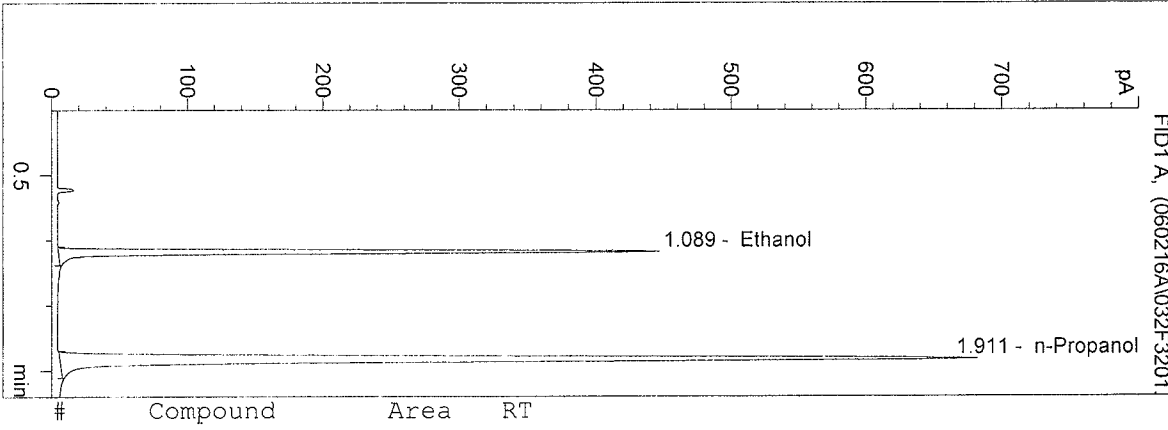


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/16/2006 12:42:39 PM
 Instrument 5
 DB-ALC2

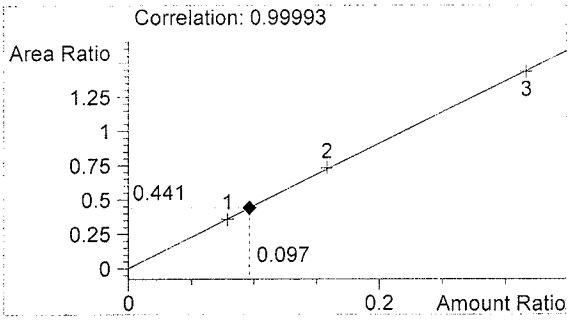
06011
 BCAPRON

vial # 32

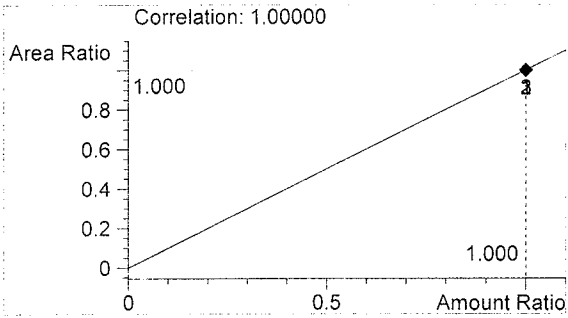


#	Compound	Area	RT
1	Ethanol	873	1.089
2	n-Propanol	1977	1.911

Totals:



Ethanol 0.097 g/100ml

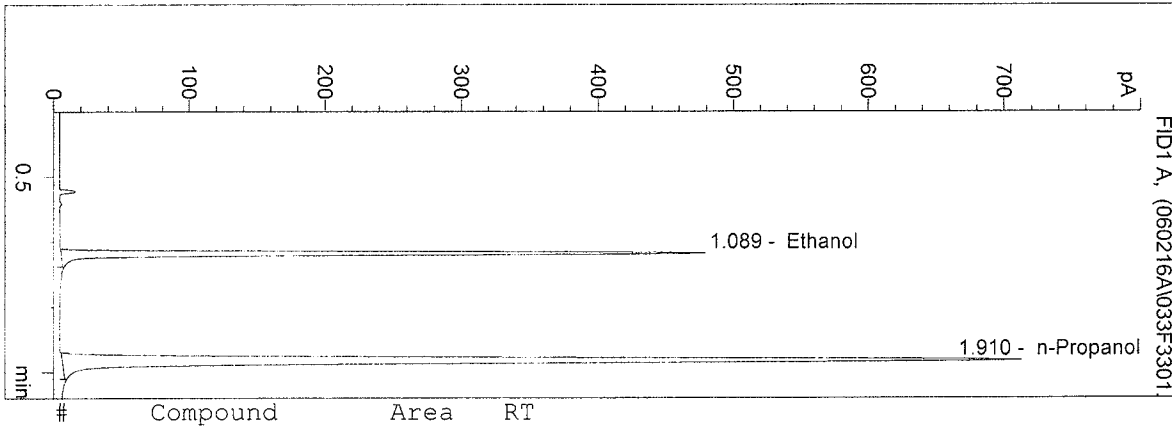


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/16/2006 12:45:58 PM
 Instrument 5
 DB-ALC2

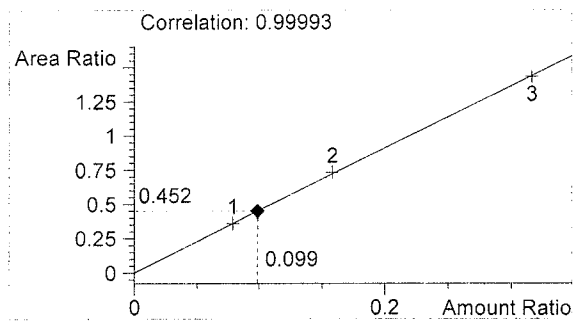
0.10 CONTROL BC
 BCAPRON

vial # 33

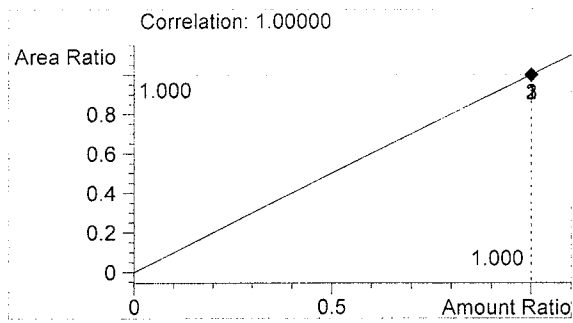


#	Compound	Area	RT
1	Ethanol	933	1.089
2	n-Propanol	2066	1.910

Totals:



Ethanol 0.099 g/100ml

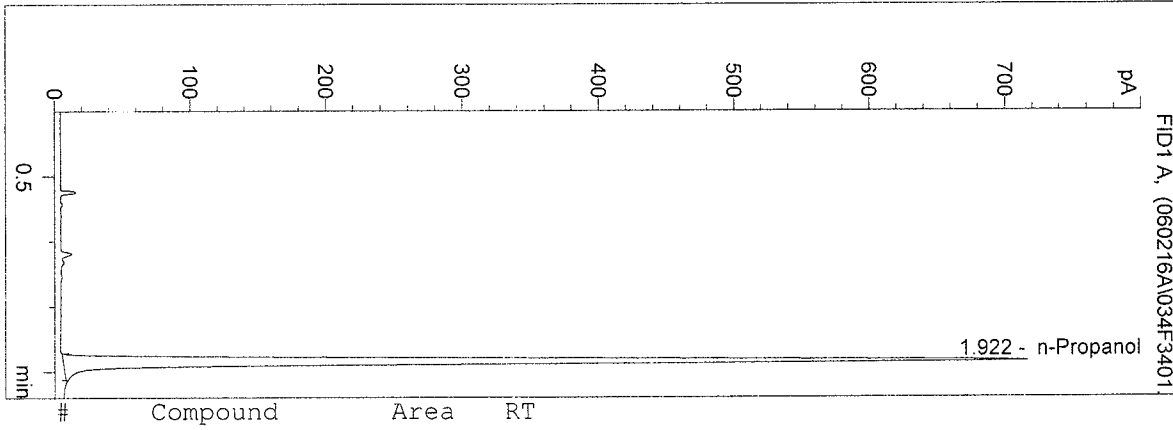


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/16/2006 12:49:17 PM
 Instrument 5
 DB-ALC2

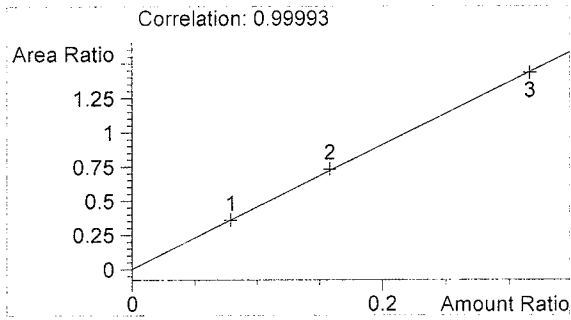
BLANK
 BCAPRON

vial # 34

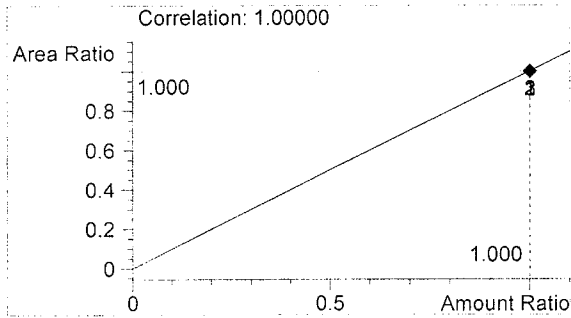


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2079	1.922

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml