
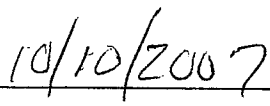
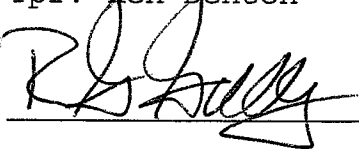
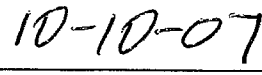


Notice of Simulator Solution File Review

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

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

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

	
Tpr. Ken Denton	Date
	
Rod G. Gullberg	Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN BENTON / ROS GULLBERG Date 10-1-07
Location TOX LAB SEATTLE Batch Number 06053

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: 10-1-07
Reviewer Signature:  Date: 10/1/2007

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



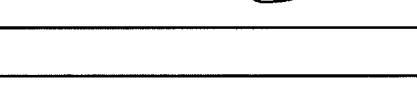
Preparation and certification of **0.15** g/210L Quality Assurance solution
 Batch number **06053** Date: 12/14/2006
 Preparation: 42.3 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12	Anal 13	Anal 14	Anal 15	Anal 16
1	0.185	0.187	0.183													
2	0.186	0.188	0.183													
3	0.186	0.187	0.185													
4	0.186	0.188	0.185													
5	0.187	0.188	0.185													
Ctrl	0.101	0.101	0.099													

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

Statistics:
 Avg. solution concent.: 0.1859 g/100 mL
 SD: 0.00162
 Range (3xSD): 0.1810 to 0.1908
 Precision CV (%): 0.8737 %

Equivalent vapor concent.: 0.1511 g/210L

Analyst	Name	Signature	Date
1	Naziha Nuwayhid, PhD		12/19/2006
2	Justin L Knoy		12/20/2006
3	Brian Capron		12/21/2006
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Naziha Nuwayhid, PhD according to the approved protocol

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION


I, Naziha Nuwayhid, 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 and Masters degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and six years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The quality assurance solution, Lot Number 0605, was prepared in the Washington State Toxicology Laboratory on 12/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1859 grams per 100ml.

Dated: 01/08/2007
Seattle, WA


Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/km
NNQA

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.

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

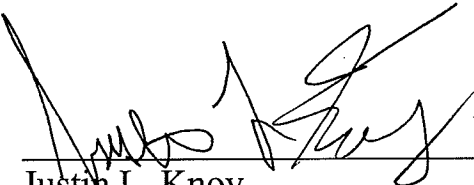
I, Justin L. Knoy, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

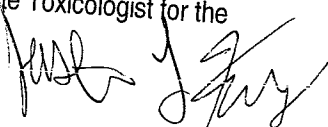
The quality assurance solution, Lot Number 06053, was prepared in the Washington State Toxicology Laboratory on 12/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1859 grams per 100ml.

Dated: 01/08/2007
Seattle, WA


Justin L. Knoy
Forensic Toxicologist

JLK/km
JKQA

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.

 10/5/07



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION


I, 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 06053, was prepared in the Washington State Toxicology Laboratory on 12/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1859 grams per 100ml.

Dated: 01/08/07
Seattle, WA



Brian Capron
Forensic Toxicologist

BC/km
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.

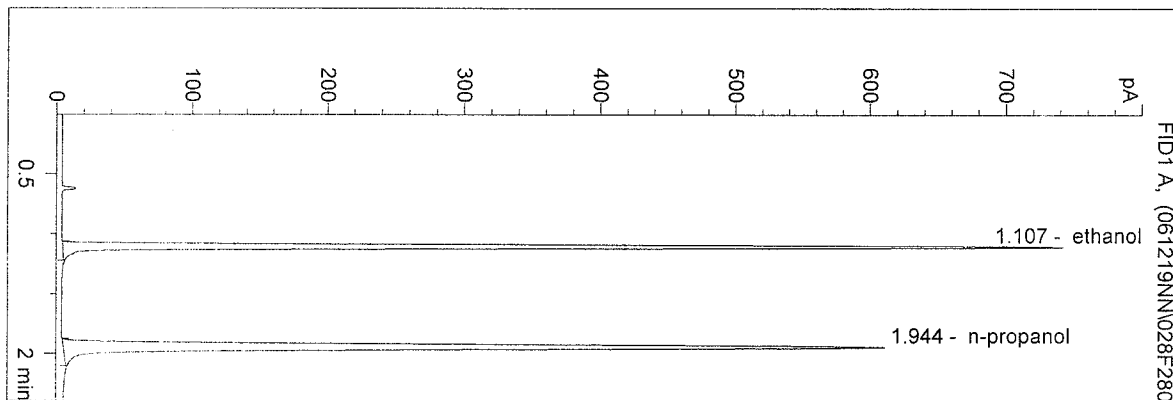
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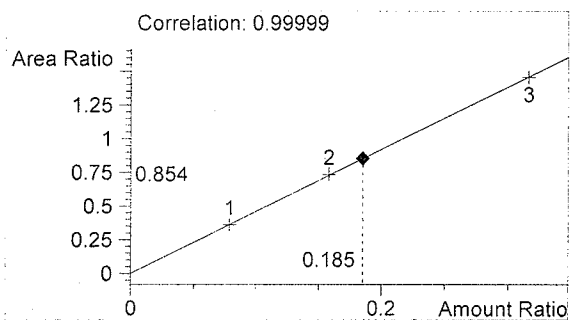
06053 QA-1
 N Nuwayhid, PhD

vial # 28

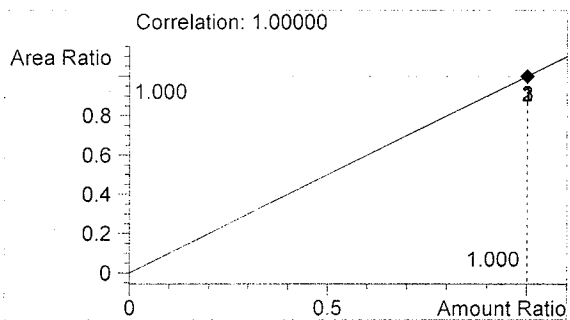


#	Compound	Area	RT
1	ethanol	1531	1.107
2	n-propanol	1793	1.944

Totals:



ethanol 0.185 g/100ml

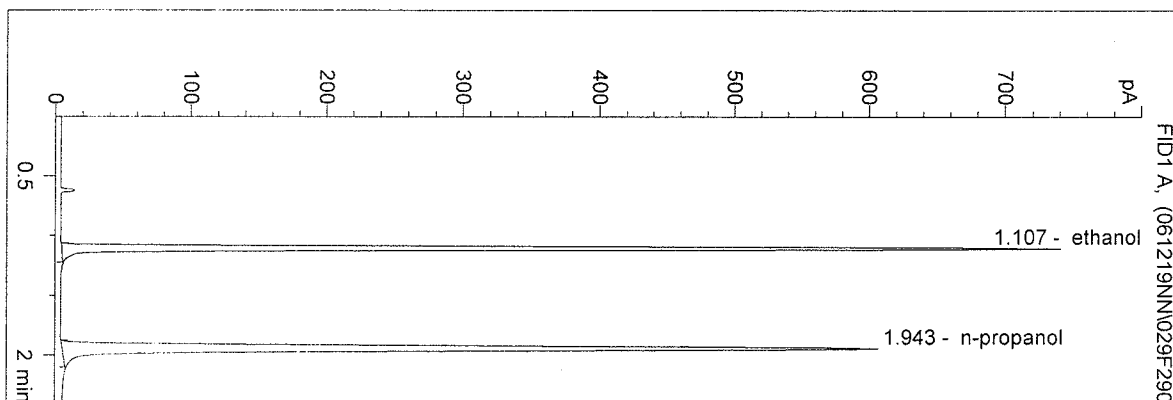


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

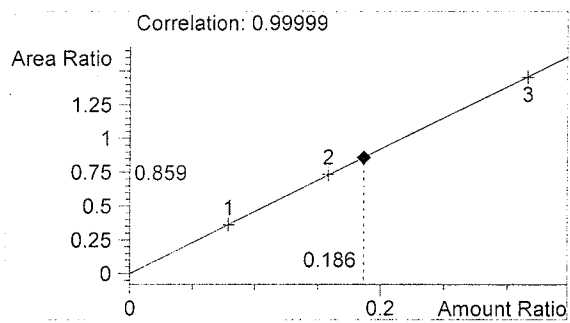
06053 QA-2
 N Nuwayhid, PhD

vial # 29

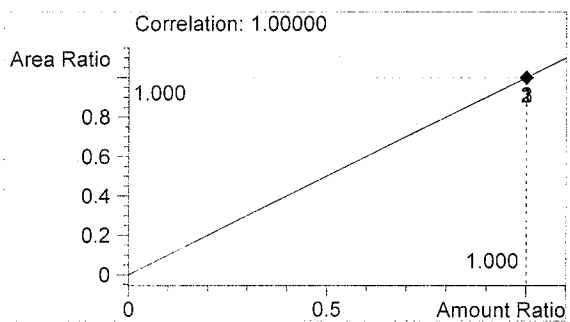


#	Compound	Area	RT
1	ethanol	1528	1.107
2	n-propanol	1778	1.943

Totals:



ethanol 0.186 g/100ml

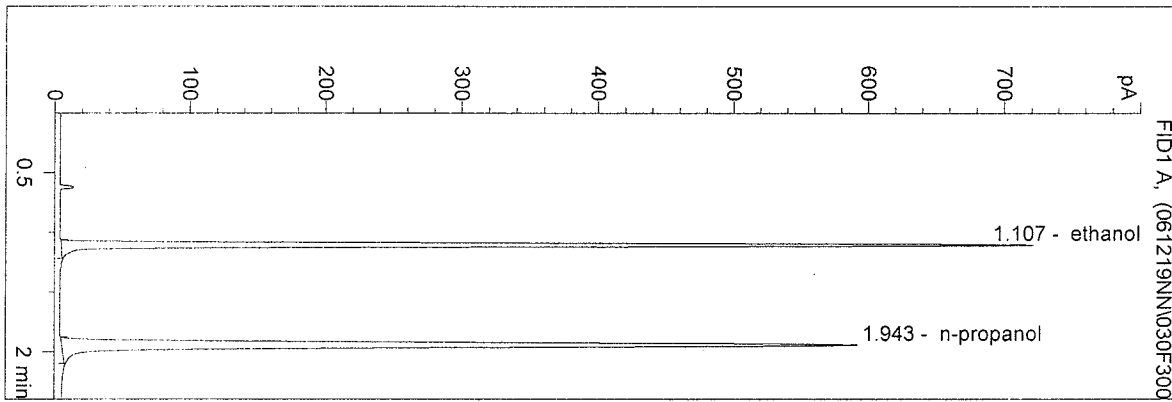


n-propanol 1.000 g/100ml

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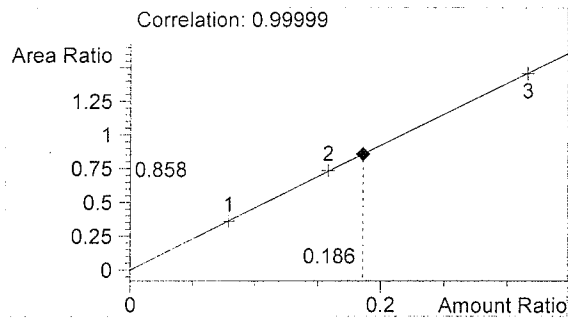
06053 QA-3
 N Nuwayhid, PhD

vial # 30

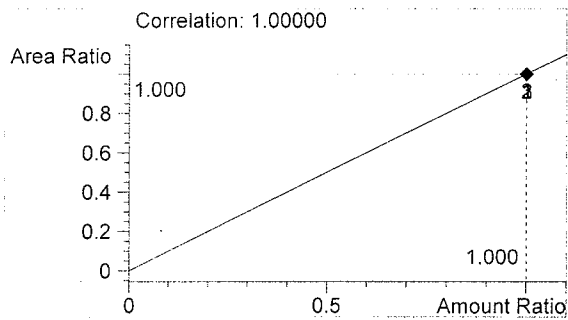


#	Compound	Area	RT
1	ethanol	1485	1.107
2	n-propanol	1732	1.943

Totals:



ethanol 0.186 g/100ml

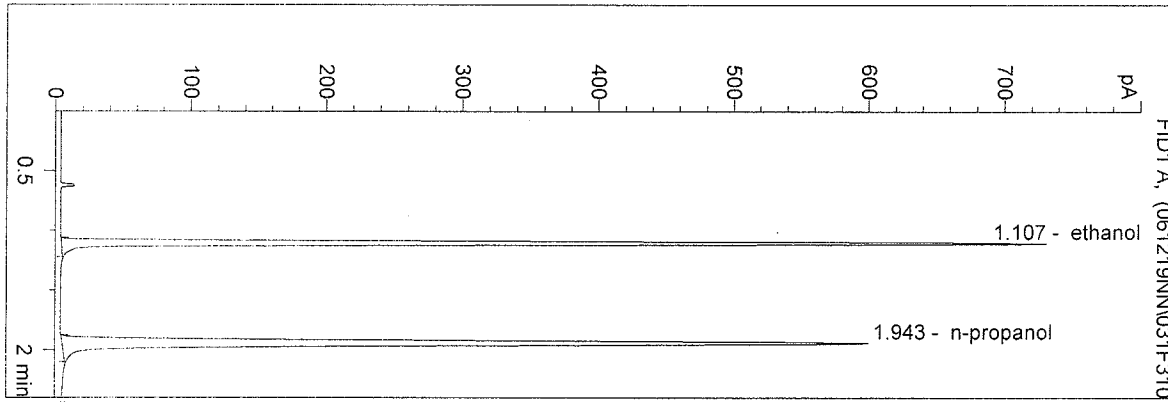


n-propanol 1.000 g/100ml

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 Instrument 5
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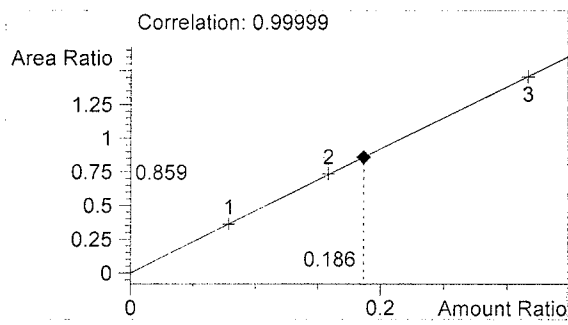
06053 QA-4
 N Nuwayhid, PhD

vial # 31

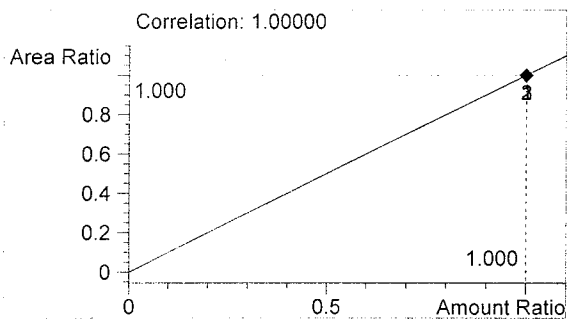


#	Compound	Area	RT
1	ethanol	1503	1.107
2	n-propanol	1750	1.943

Totals:



ethanol 0.186 g/100ml

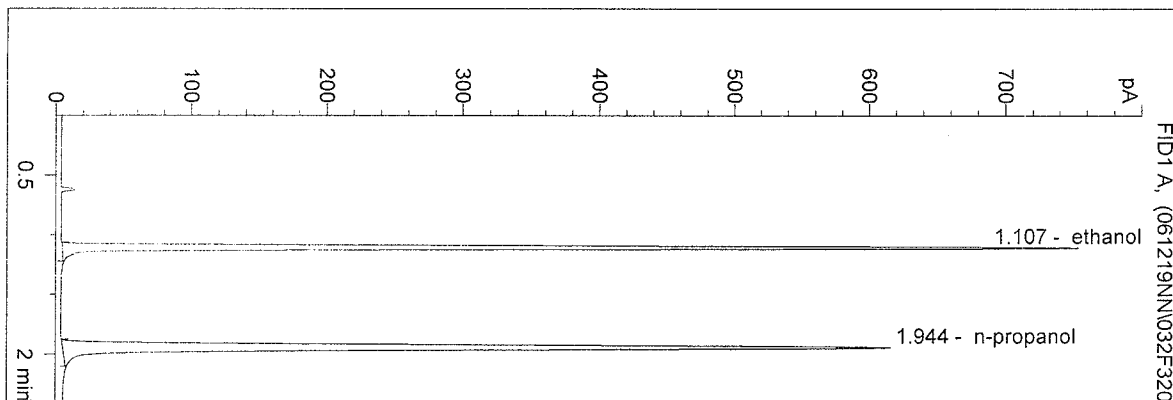


n-propanol 1.000 g/100ml

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 DB-ALC2

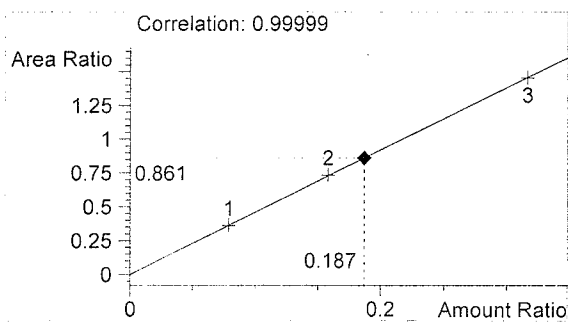
06053 QA-5
 N Nuwayhid, PhD

vial # 32

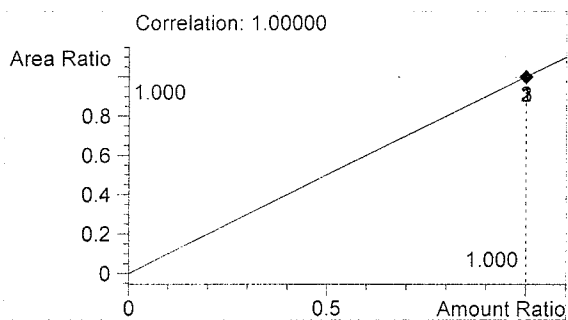


#	Compound	Area	RT
1	ethanol	1552	1.107
2	n-propanol	1801	1.944

Totals:



ethanol 0.187 g/100ml

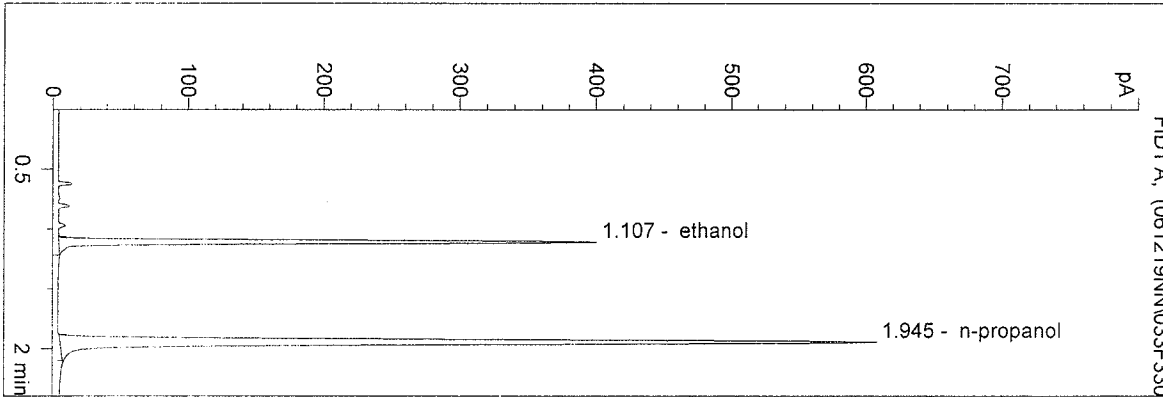


n-propanol 1.000 g/100ml

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 DB-ALC2

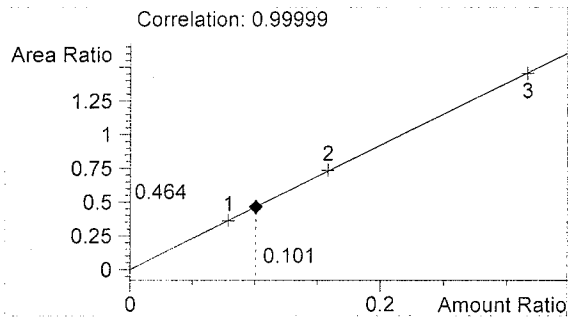
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 N Nuwayhid, PhD

vial # 33

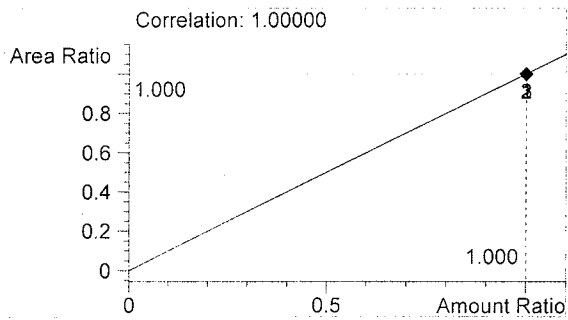


#	Compound	Area	RT
1	ethanol	826	1.107
2	n-propanol	1780	1.945

Totals:



ethanol 0.101 g/100ml

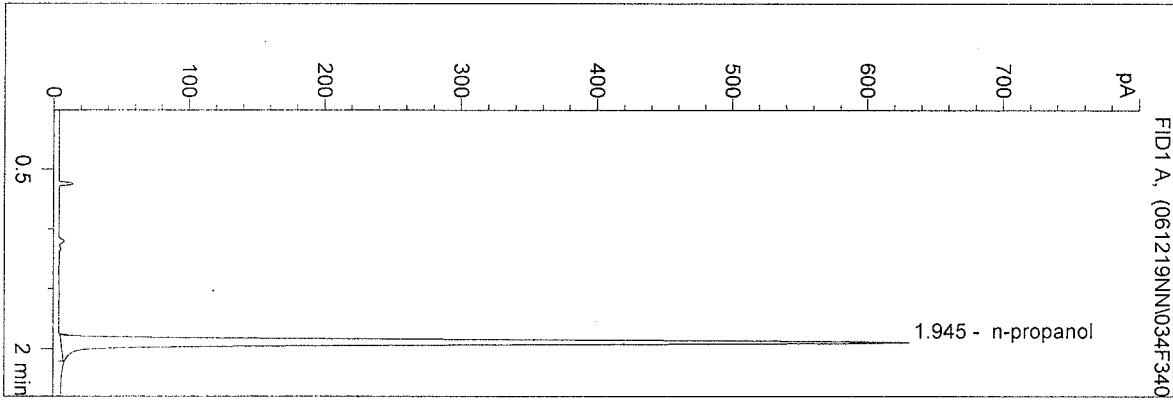


n-propanol 1.000 g/100ml

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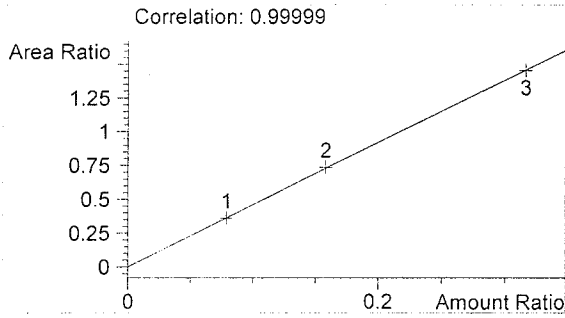
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 N Nuwayhid, PhD

vial # 34

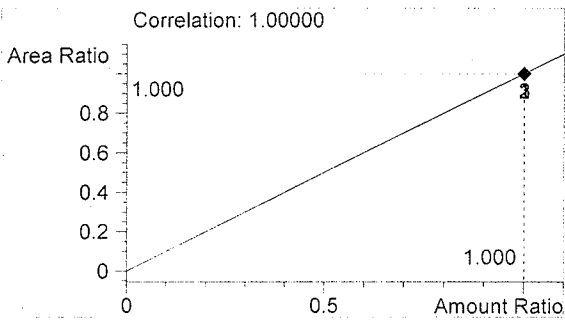


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1851	1.945

Totals:



ethanol 0.000 g/100ml

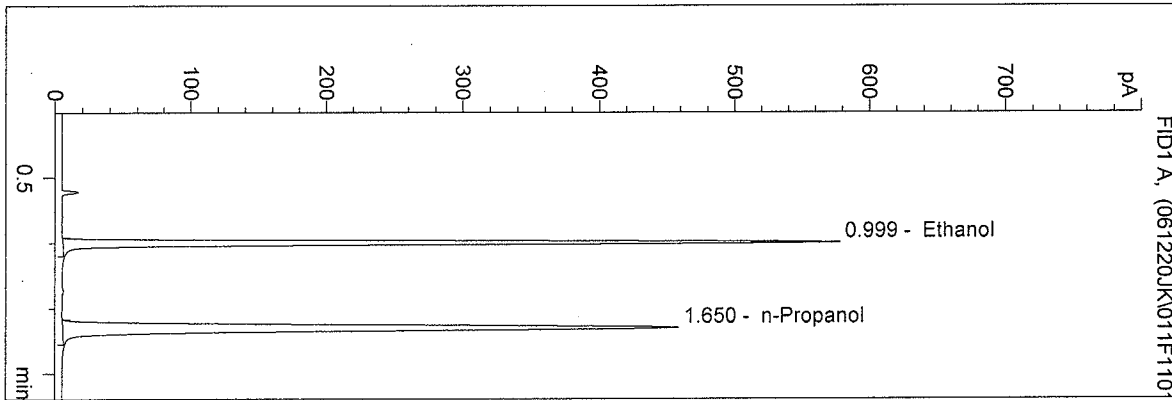


n-propanol 1.000 g/100ml

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 12/20/2006 8:45:00 AM
 Instrument 4
 DB-ALC1

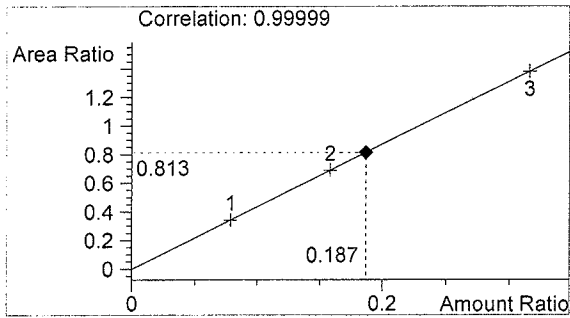
06053-1
 Justin Knoy

vial # 11

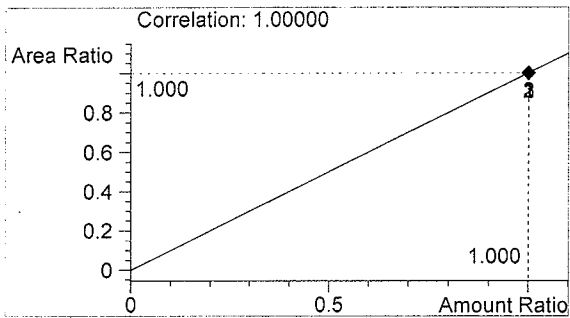


#	Compound	Area	RT
1	Ethanol	1154	0.999
2	n-Propanol	1418	1.650

Totals:



Ethanol 0.187 g/100ml

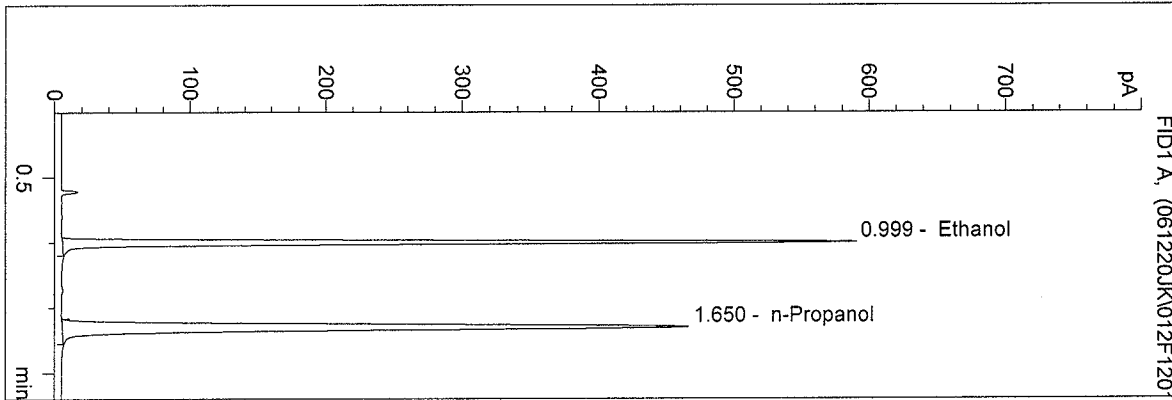


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 12/20/2006 8:48:17 AM
 Instrument 4
 DB-ALC1

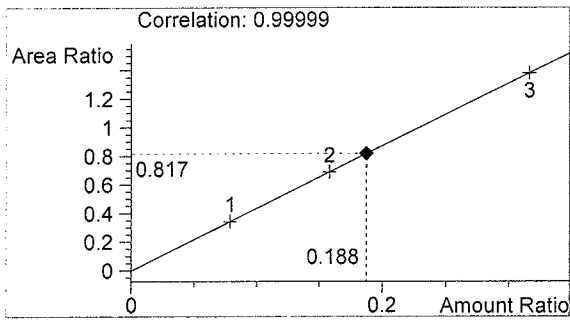
06053-2
 Justin Knoy

vial # 12

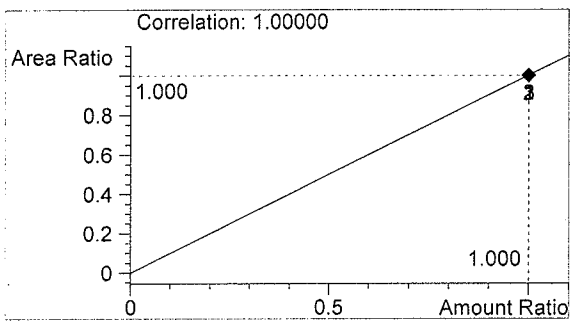


#	Compound	Area	RT
1	Ethanol	1178	0.999
2	n-Propanol	1442	1.650

Totals:



Ethanol 0.188 g/100ml

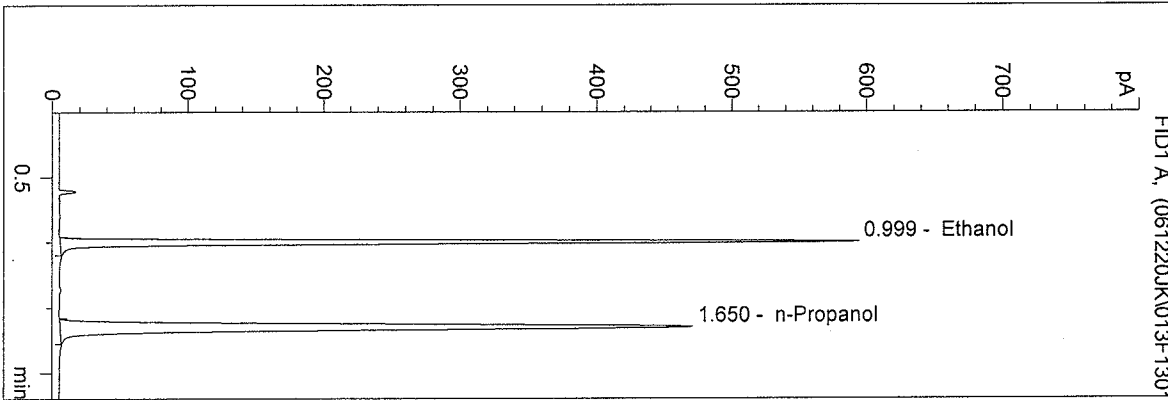


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 12/20/2006 8:51:35 AM
 Instrument 4
 DB-ALC1

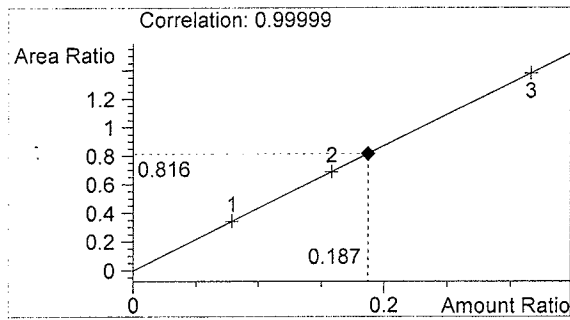
06053-3
 Justin Knoy

vial # 13

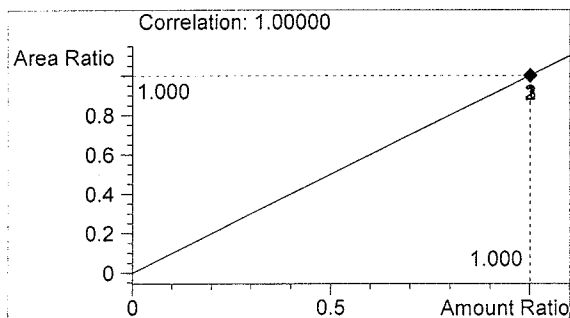


#	Compound	Area	RT
1	Ethanol	1189	0.999
2	n-Propanol	1458	1.650

Totals:



Ethanol 0.187 g/100ml

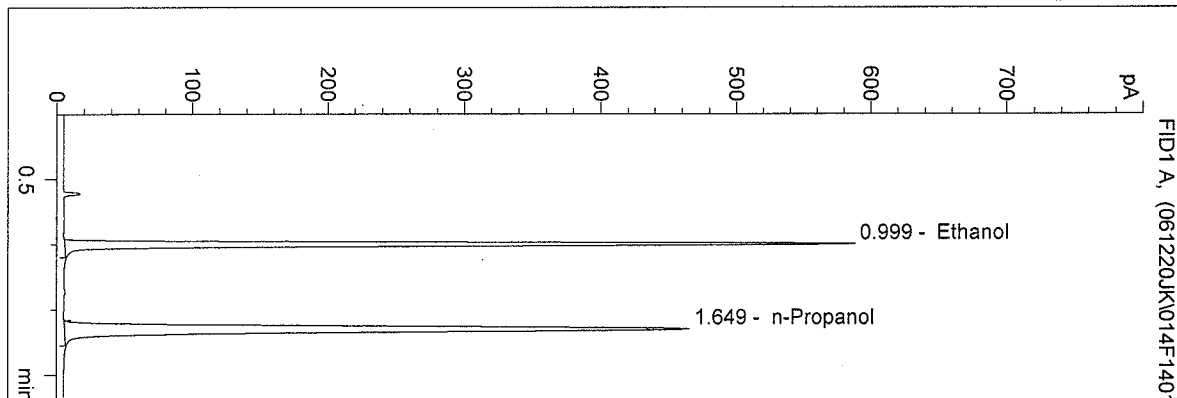


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

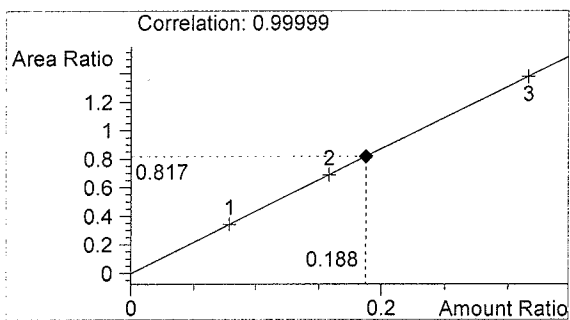
06053-4
 Justin Knoy

vial # 14

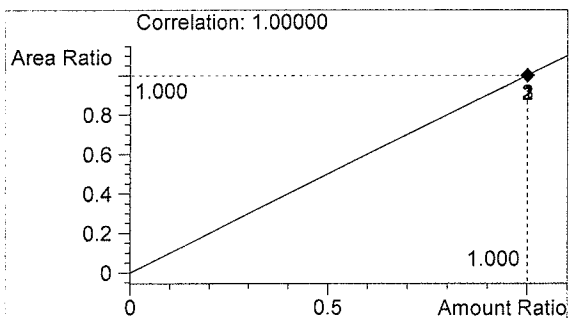


#	Compound	Area	RT
1	Ethanol	1179	0.999
2	n-Propanol	1443	1.649

Totals:



Ethanol 0.188 g/100ml

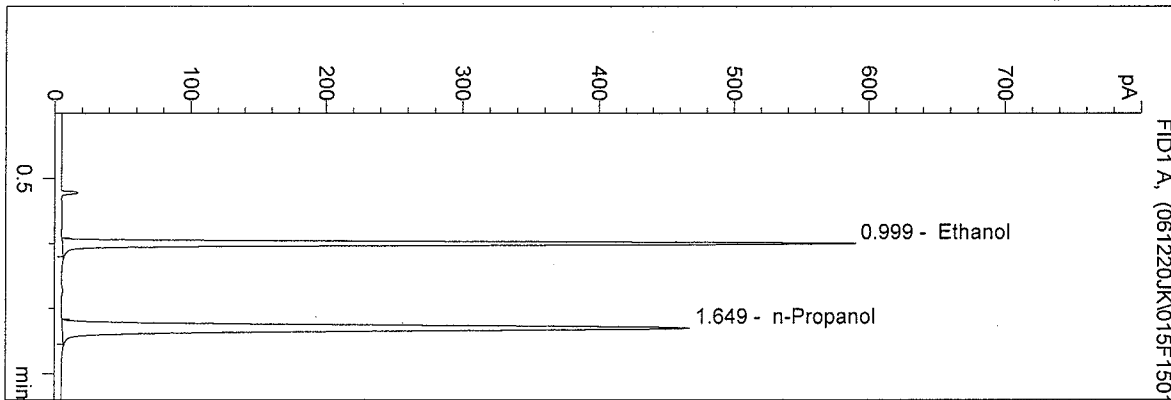


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 12/20/2006 9:00:20 AM
 Instrument 4
 DB-ALC1

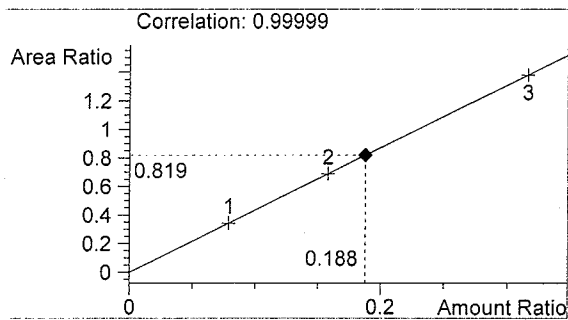
06053-5
 Justin Knoy

vial # 15

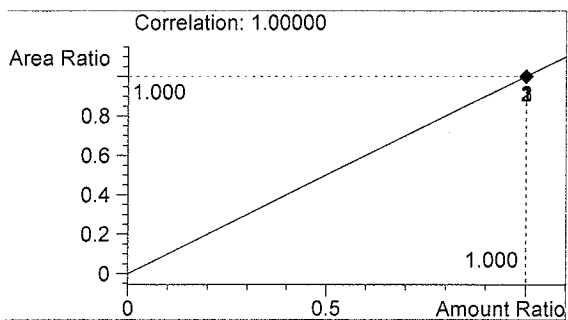


#	Compound	Area	RT
1	Ethanol	1187	0.999
2	n-Propanol	1449	1.649

Totals:



Ethanol 0.188 g/100ml

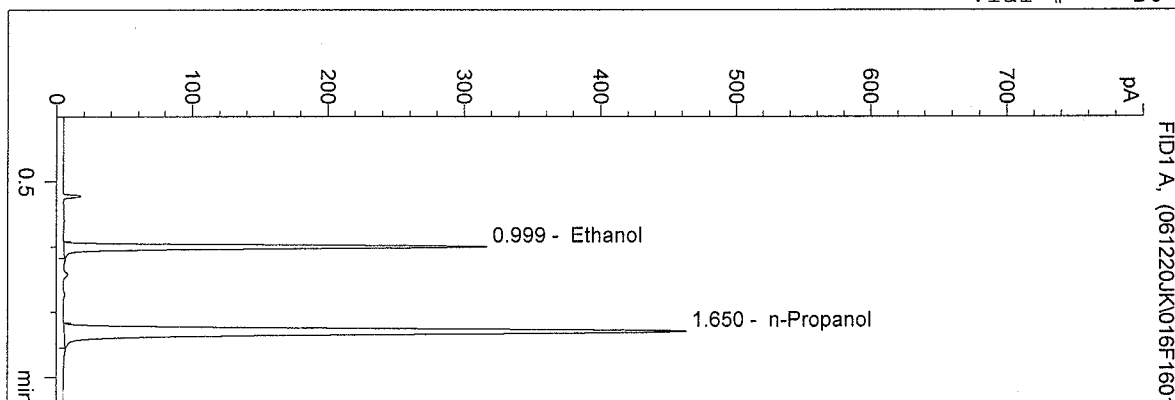


n-Propanol 1.000 g/100ml

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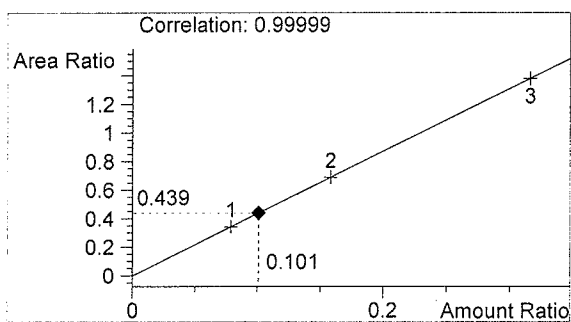
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 Justin Knoy

vial # 16

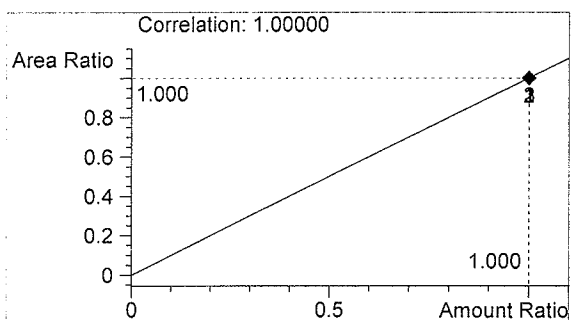


#	Compound	Area	RT
1	Ethanol	631	0.999
2	n-Propanol	1436	1.650

Totals:



Ethanol 0.101 g/100ml

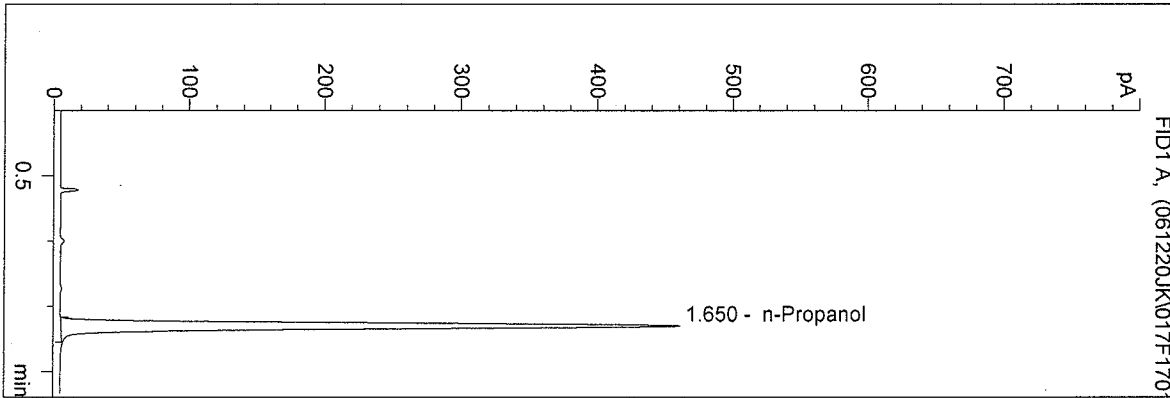


n-Propanol 1.000 g/100ml

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 12/20/2006 9:06:48 AM
 Instrument 4
 DB-ALC1

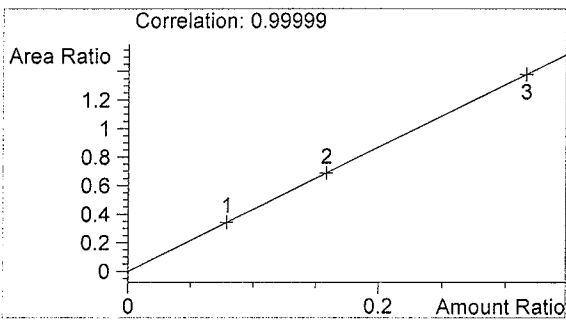
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 Justin Knoy

vial # 17

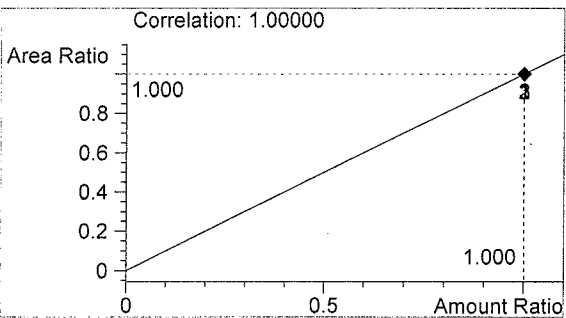


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1426	1.650

Totals:



Ethanol 0.000 g/100ml

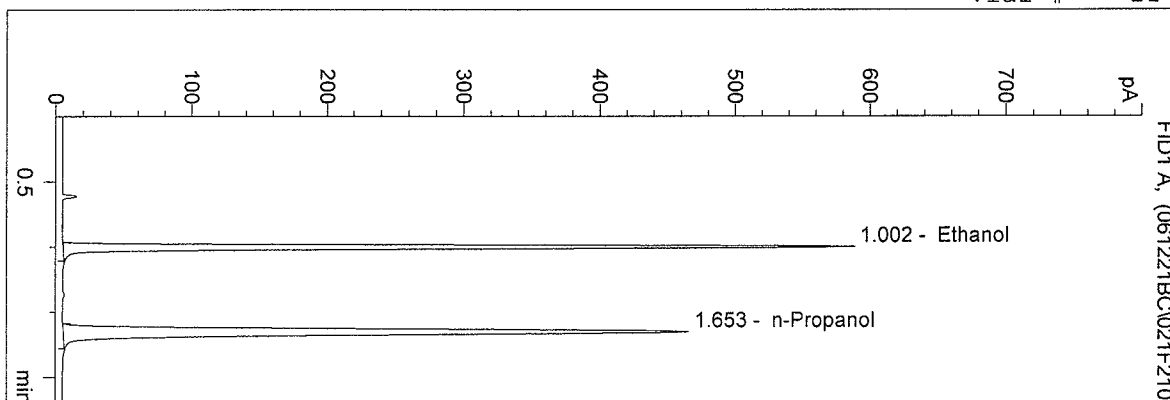


n-Propanol 1.000 g/100ml

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 12/21/2006 8:44:19 AM
 Instrument 4
 DB-ALC1

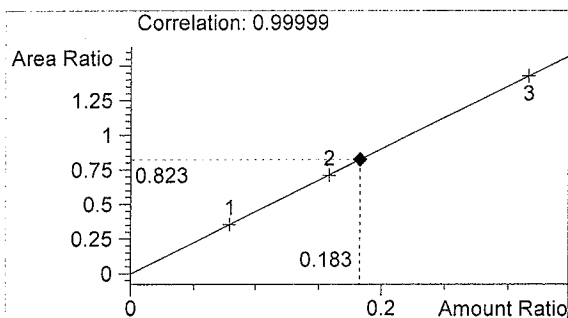
06053
 bcapron

vial # 21

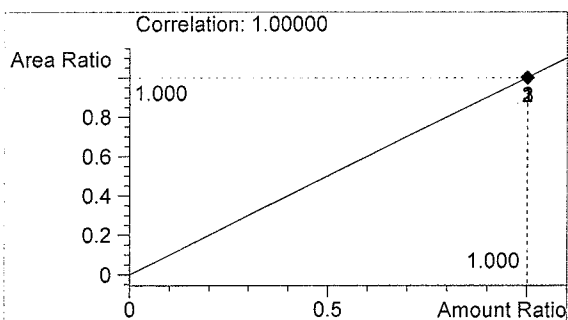


#	Compound	Area	RT
1	Ethanol	1191	1.002
2	n-Propanol	1448	1.653

Totals:



Ethanol 0.183 g/100ml

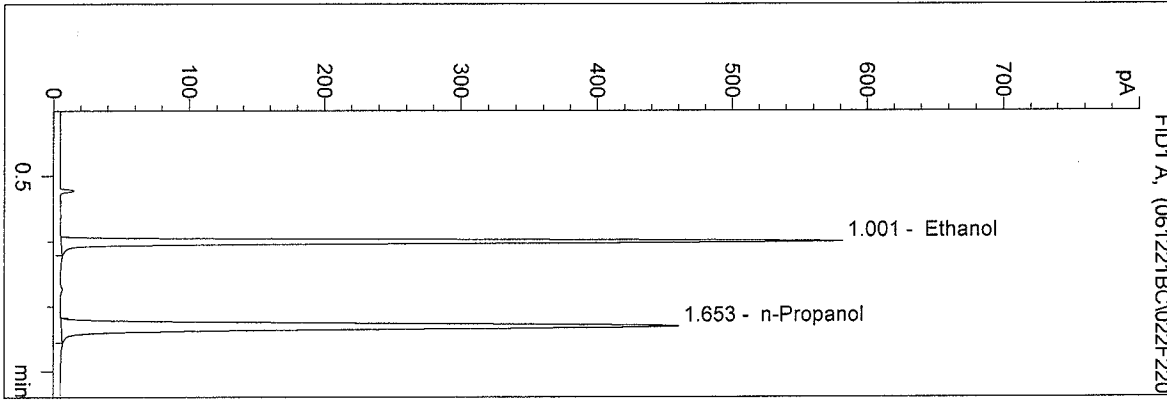


n-Propanol 1.000 g/100ml

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 12/21/2006 8:47:34 AM
 Instrument 4
 DB-ALC1

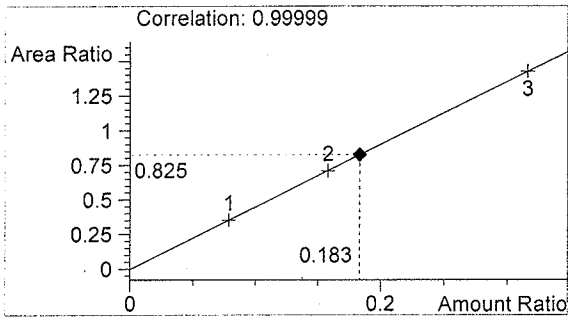
06053
 bcapron

vial # 22

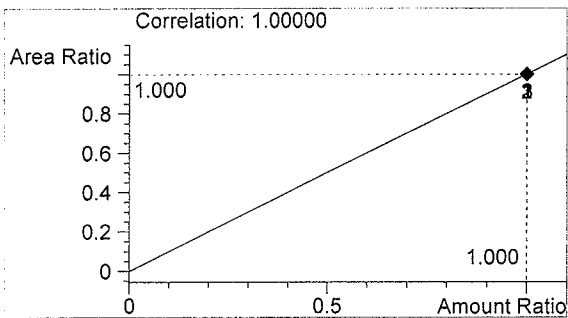


#	Compound	Area	RT
1	Ethanol	1181	1.001
2	n-Propanol	1432	1.653

Totals:



Ethanol 0.183 g/100ml

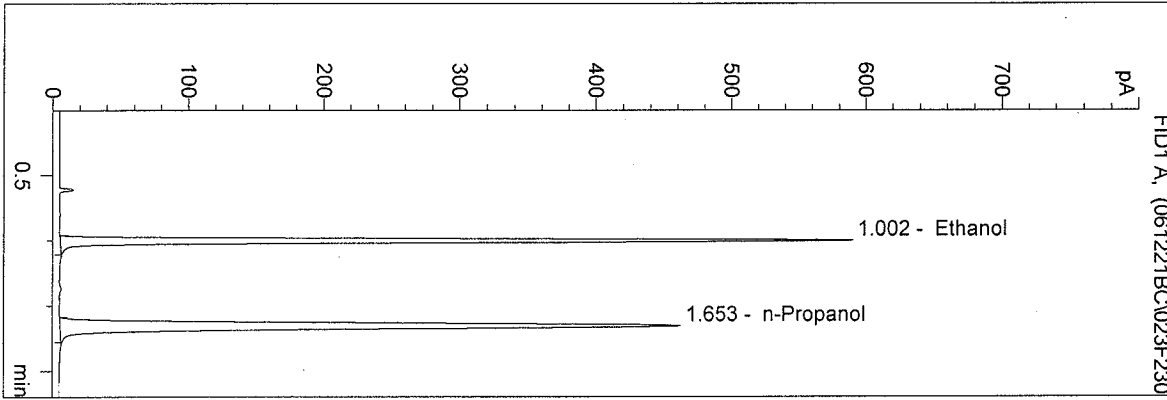


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 12/21/2006 8:53:02 AM
 Instrument 4
 DB-ALC1

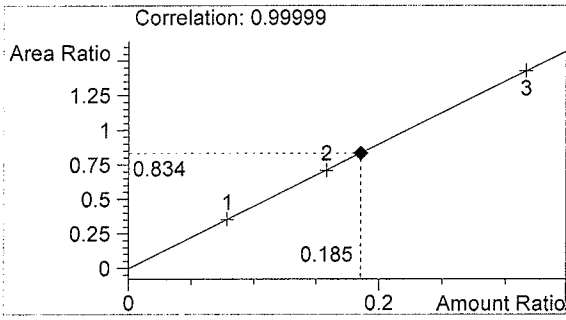
06053
 bcapron

vial # 23

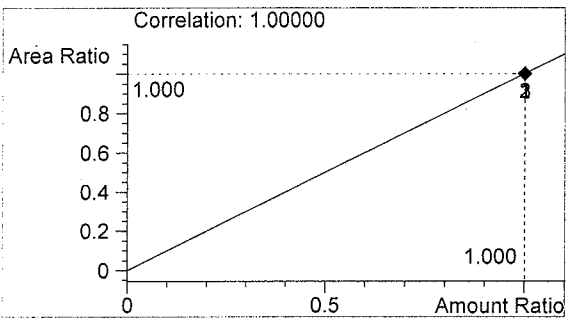


#	Compound	Area	RT
1	Ethanol	1198	1.002
2	n-Propanol	1436	1.653

Totals:



Ethanol 0.185 g/100ml

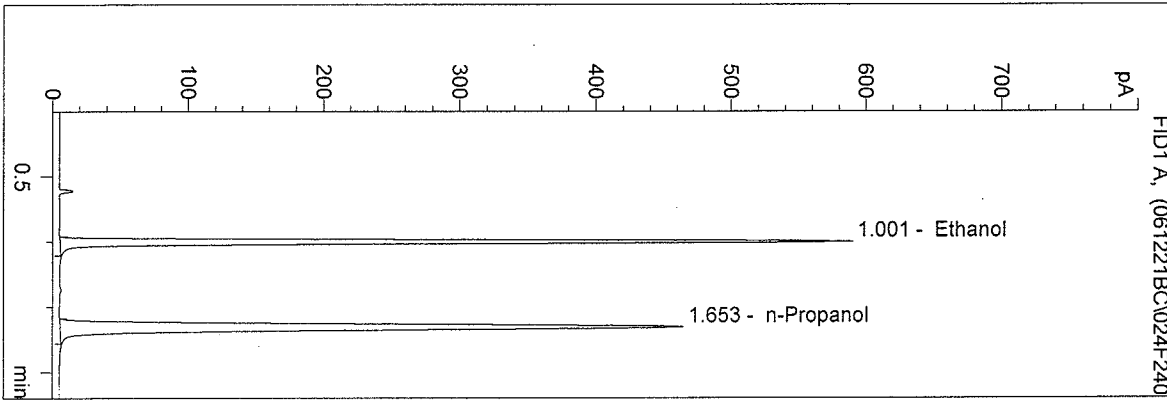


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

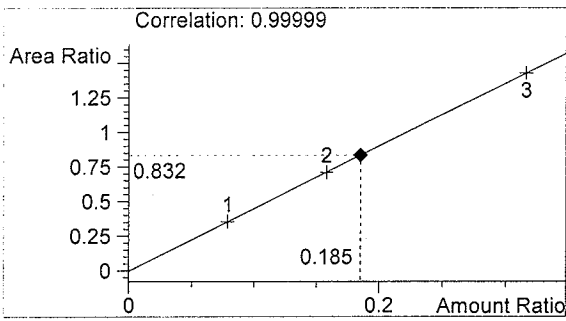
06053
 bcapron

vial # 24

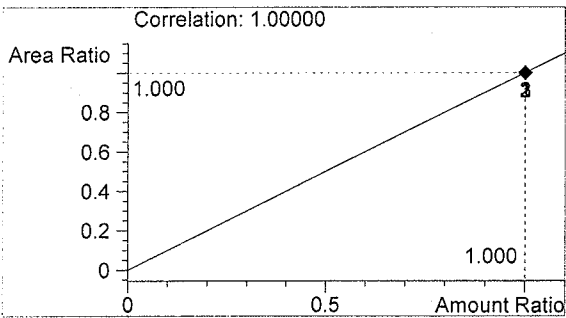


#	Compound	Area	RT
1	Ethanol	1203	1.001
2	n-Propanol	1445	1.653

Totals:



Ethanol 0.185 g/100ml

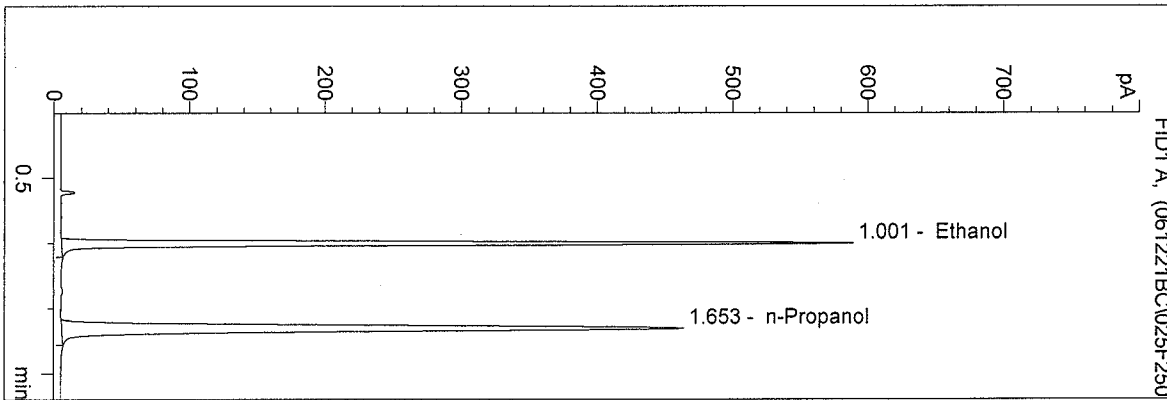


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

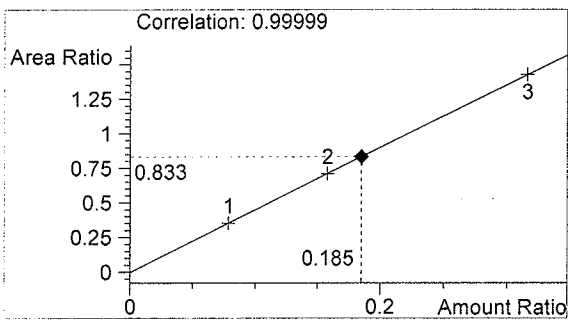
06053
 bcapron

vial # 25

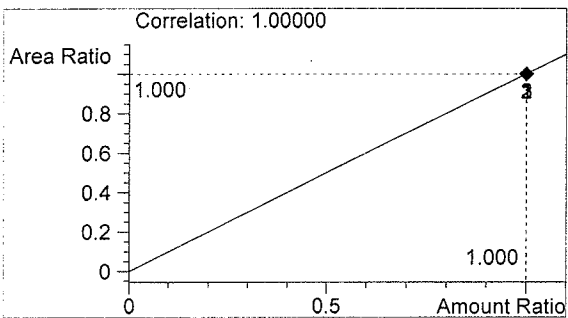


#	Compound	Area	RT
1	Ethanol	1202	1.001
2	n-Propanol	1443	1.653

Totals:



Ethanol 0.185 g/100ml

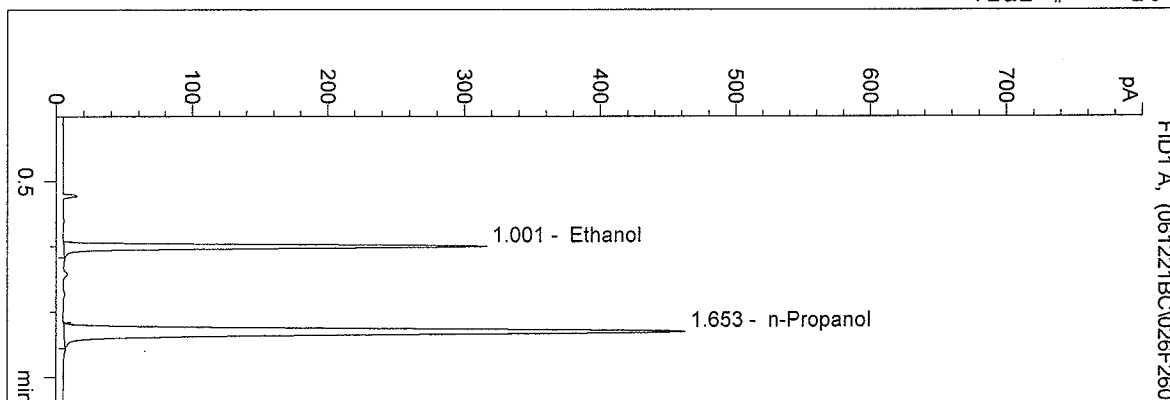


n-Propanol 1.000 g/100ml

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 12/21/2006 9:02:55 AM
 Instrument 4
 DB-ALC1

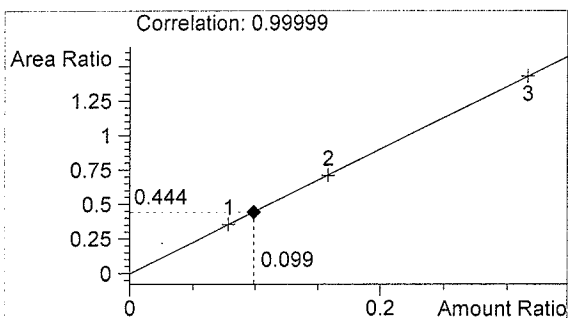
0.10 control bc
 bcapron

vial # 26

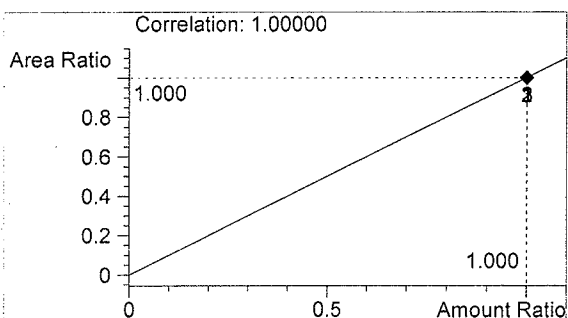


#	Compound	Area	RT
1	Ethanol	639	1.001
2	n-Propanol	1440	1.653

Totals:



Ethanol 0.099 g/100ml

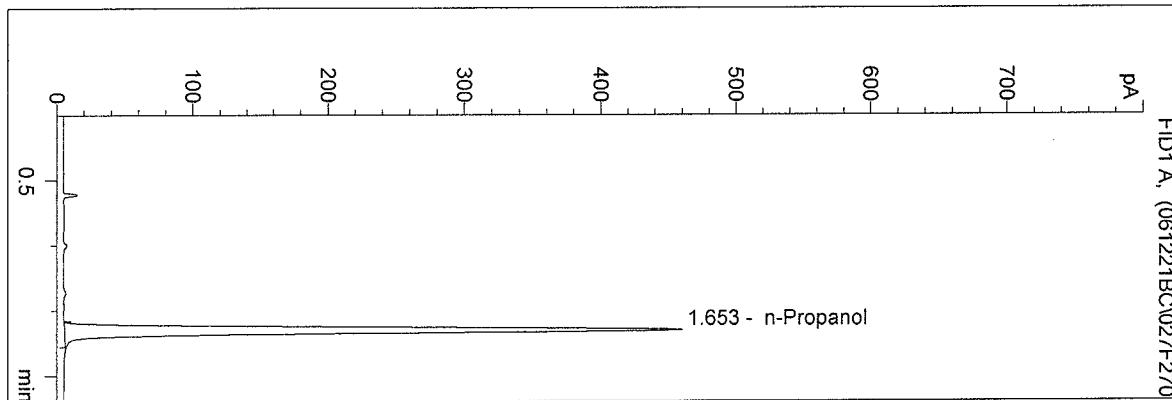


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

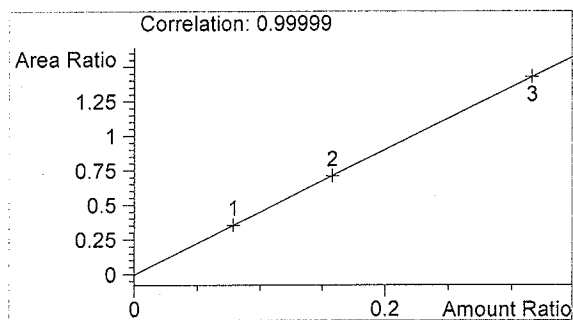
blank
 bcapron

vial # 27

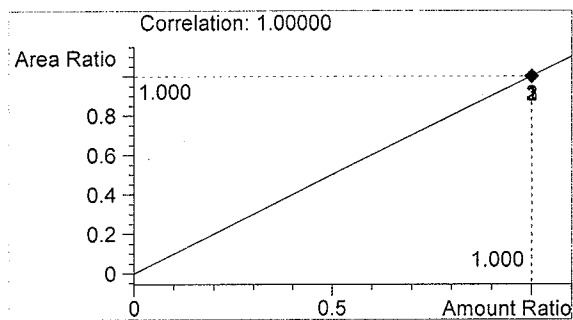


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1434	1.653

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml