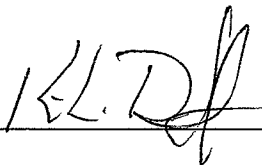
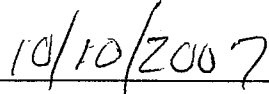
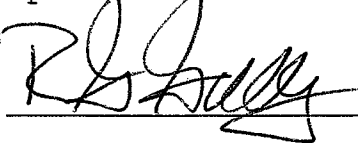



Notice of Simulator Solution File Review

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 KENNEDY/ROD GULLBERG Date 10-1-07
Location TOX LAB SEATTLE Batch Number 06051

Form Review Criteria

Preparation date precedes all analysis dates: Okay X Not Okay ___
Data entry corresponds to all chromatograms: Okay X Not Okay ___
All signatures present: Okay ___ Not Okay X

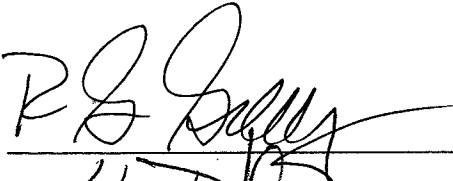
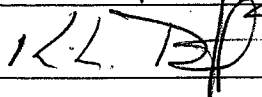
Computations:

Avg. solution concentration: Correct X Not Correct ___
Standard deviation: Correct X Not Correct ___
Range: Correct X Not Correct ___
Precision: Correct X Not Correct ___
Equivalent vapor concent.: Correct X Not Correct ___
External Control Information
(lot # and future date): Correct X Not Correct ___

Complies with accuracy and precision requirements established by the
State Toxicologist: Yes X 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

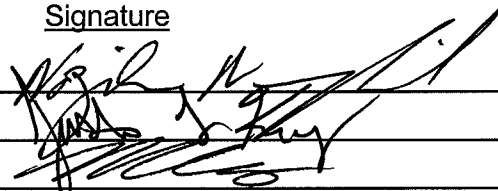


Preparation and certification of **0.08** g/210L Quality Assurance solution
 Batch number **06051** Date: 12/14/2006
 Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12	Anal 13	Anal14	Anal 15	Anal 16
1	0.096	0.097	0.097													
2	0.097	0.098	0.098													
3	0.099	0.099	0.098													
4	0.098	0.099	0.098													
5	0.097	0.098	0.098													
Ctrl	0.099	0.099	0.100													

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

Statistics:
 Avg. solution concent.: 0.0978 g/100 mL
 SD: 0.00086
 Range (3xSD): 0.0952 to 0.1004
 Precision CV (%): 0.8813 %

Equivalent vapor concent.: 0.0795 g/210L

Analyst	Name	Signature	Date
1	Naziha Nuwayhid, PhD		12/19/2006
2	Justin L Knoy		12/19/2006
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

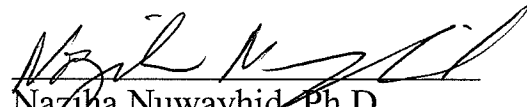
I, Naziha Nuwayhid, do certify under penalty of perjury that:

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.

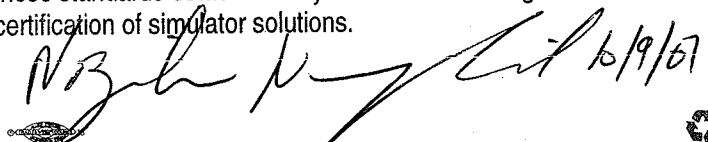
The quality assurance solution, Lot Number 06051, was prepared in the Washington State Toxicology Laboratory on 12/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0978 grams per 100ml.

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.

 1/9/07



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

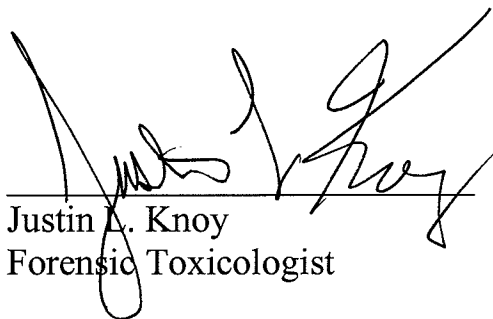
I, Justin L. Knoy, do certify under penalty of perjury that:

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 06051, 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 0.0978 grams per 100ml.

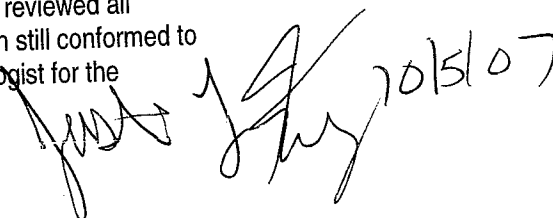
Dated: 01/08/2007
Seattle, WA



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.



Justin L. Knoy 1/15/07

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 06051, 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 0.0978 grams per 100ml.

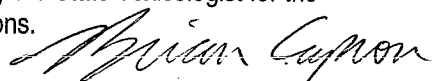
Dated: 01/08/07
Seattle, WA



Brian Capron
Forensic Toxicologist

BC/km
BCQA

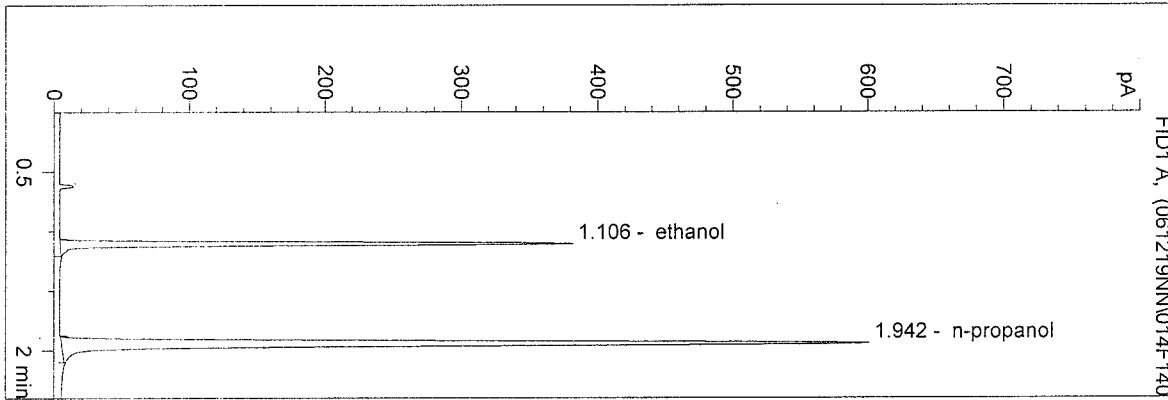
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

 10.9.07

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 Instrument 5
 DB-ALC2

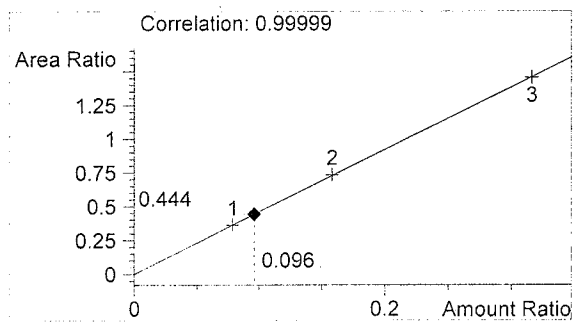
06051 QA-1
 N Nuwayhid, PhD

vial # 14

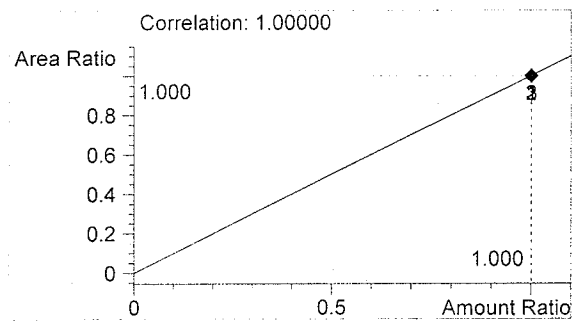


#	Compound	Area	RT
1	ethanol	781	1.106
2	n-propanol	1759	1.942

Totals:



ethanol 0.096 g/100ml

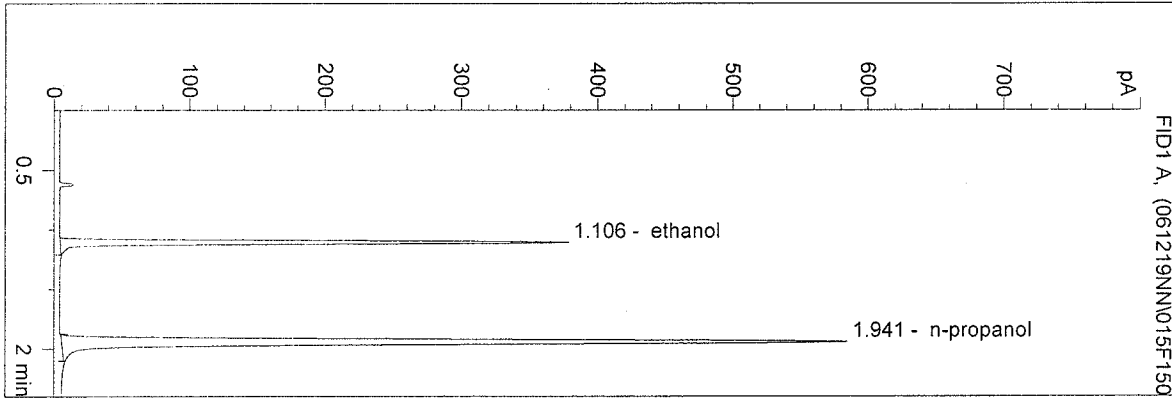


n-propanol 1.000 g/100ml

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 12/19/2006 11:13:24 AM
 Instrument 5
 DB-ALC2

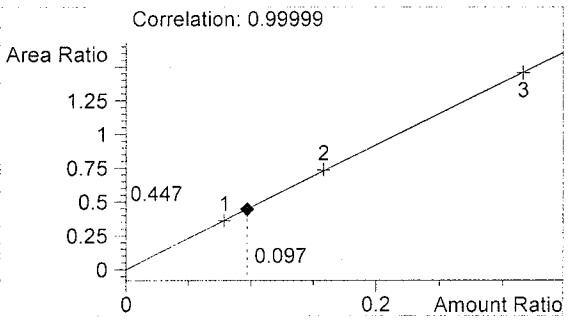
06051 QA-2
 N Nuwayhid, PhD

vial # 15

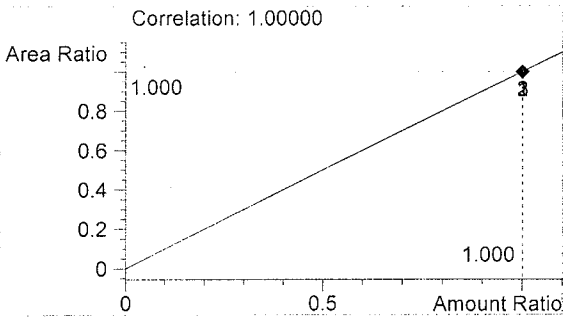


#	Compound	Area	RT
1	ethanol	762	1.106
2	n-propanol	1706	1.941

Totals:



ethanol 0.097 g/100ml

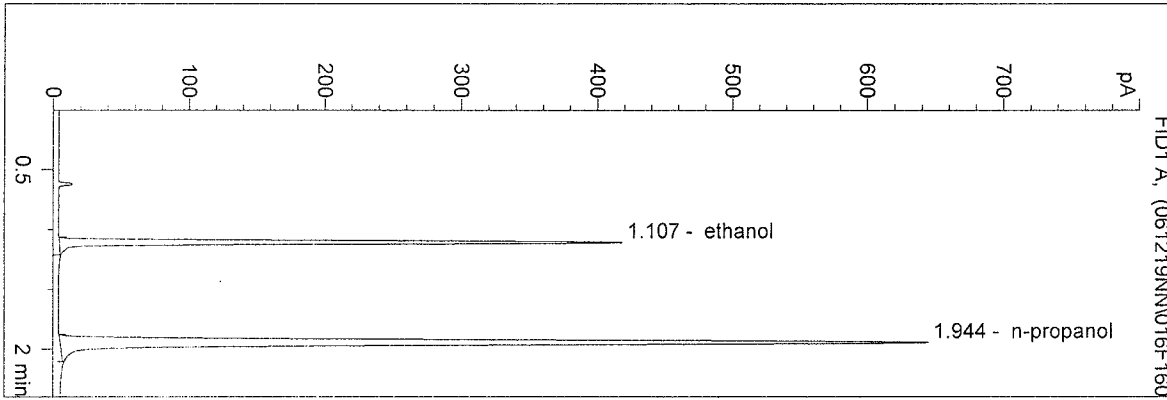


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 11:18:26 AM
 Instrument 5
 DB-ALC2

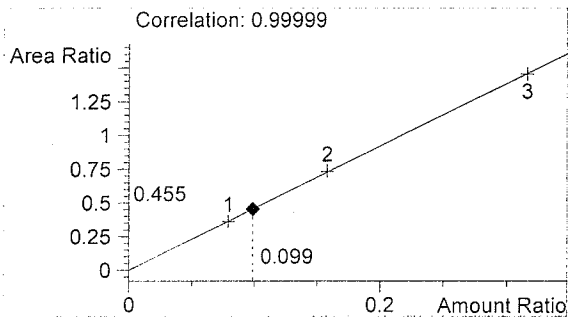
06051 QA-3
 N Nuwayhid, PhD

vial # 16

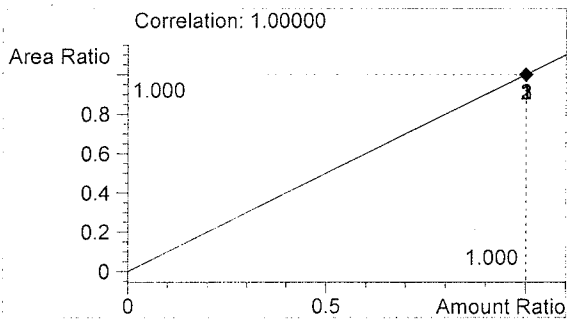


#	Compound	Area	RT
1	ethanol	863	1.107
2	n-propanol	1895	1.944

Totals:



ethanol 0.099 g/100ml

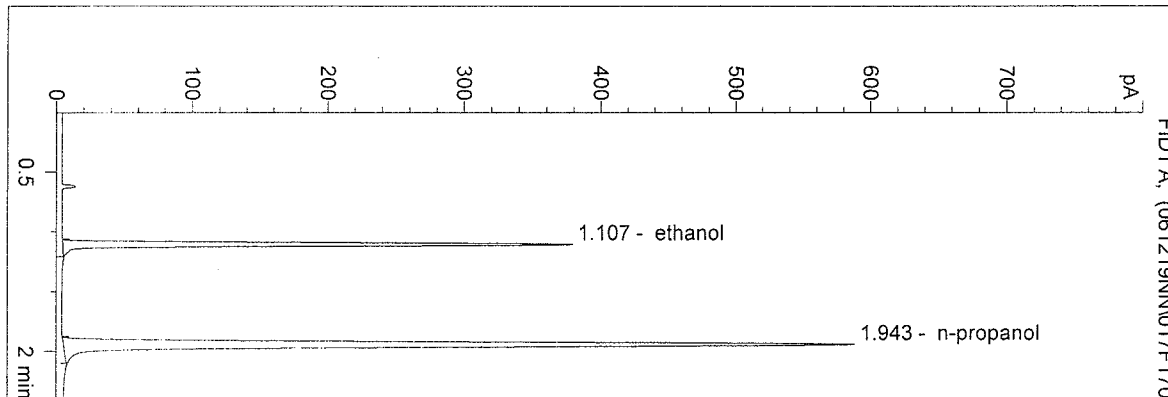


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 11:21:50 AM
 Instrument 5
 DB-ALC2

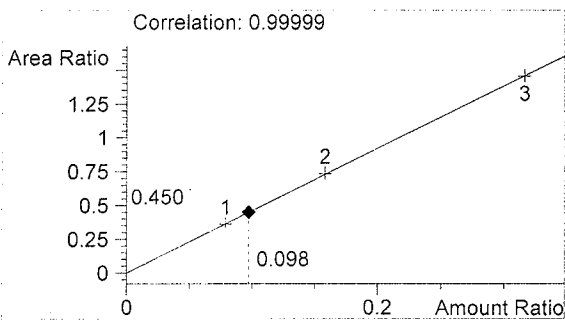
06051 QA-4
 N Nuwayhid, PhD

vial # 17

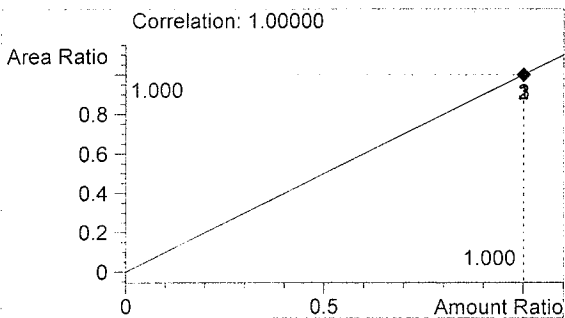


#	Compound	Area	RT
1	ethanol	774	1.107
2	n-propanol	1721	1.943

Totals:



ethanol 0.098 g/100ml

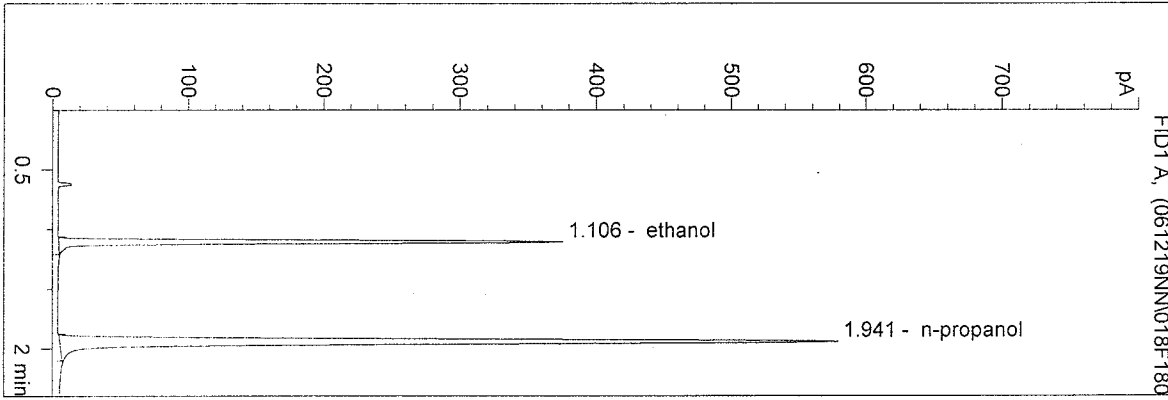


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 11:25:17 AM
 Instrument 5
 DB-ALC2

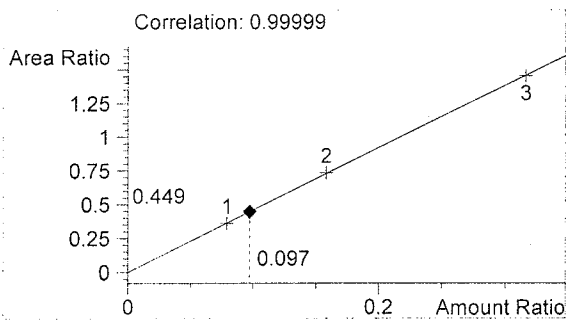
06051 QA-5
 N Nuwayhid, PhD

vial # 18

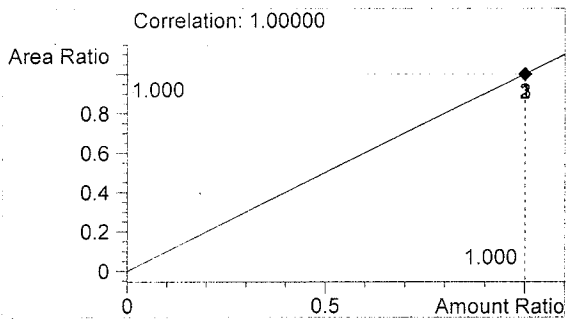


#	Compound	Area	RT
1	ethanol	757	1.106
2	n-propanol	1688	1.941

Totals:



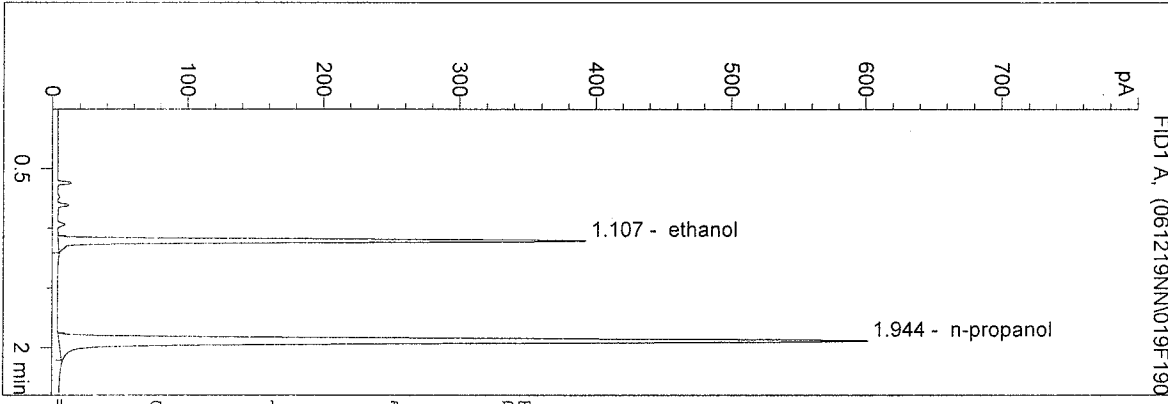
ethanol 0.097 g/100ml



n-propanol 1.000 g/100ml

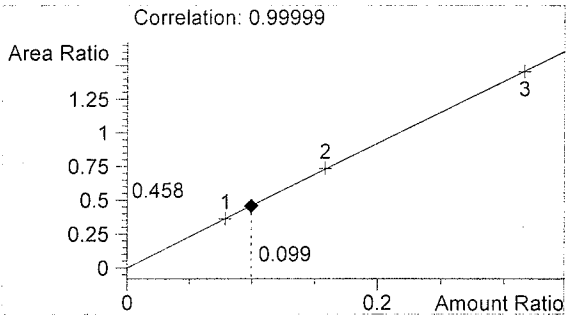
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 12/19/2006 11:30:19 AM
 Instrument 5
 DB-ALC2

0.100 CTL
 N Nuwayhid, PhD
 vial # 19

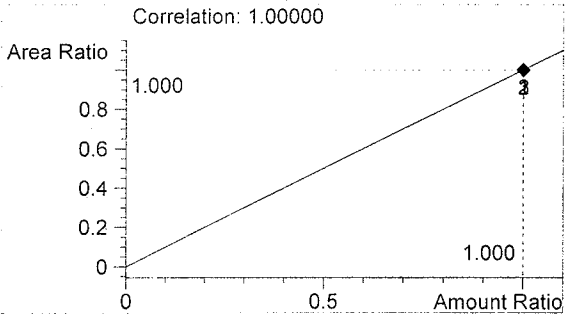


#	Compound	Area	RT
1	ethanol	809	1.107
2	n-propanol	1766	1.944

Totals:



ethanol 0.099 g/100ml

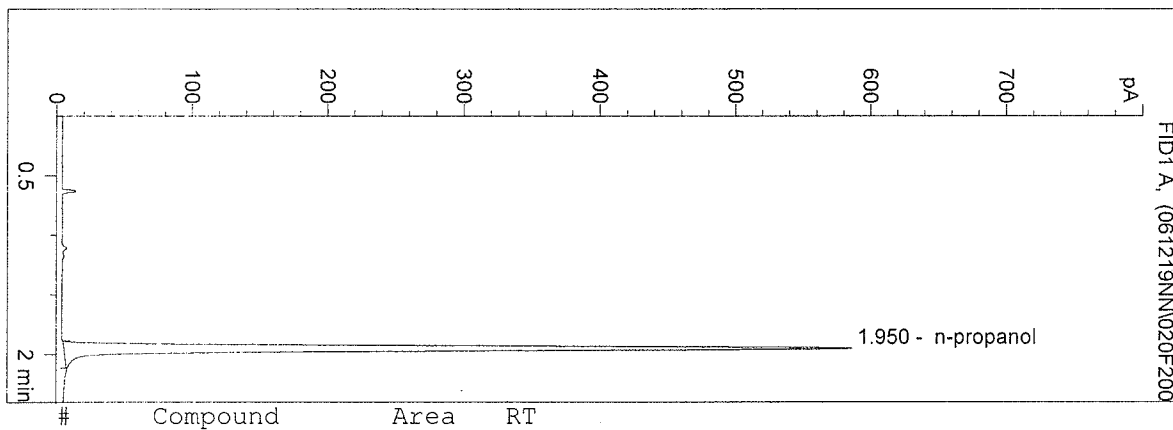


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 11:33:43 AM
 Instrument 5
 DB-ALC2

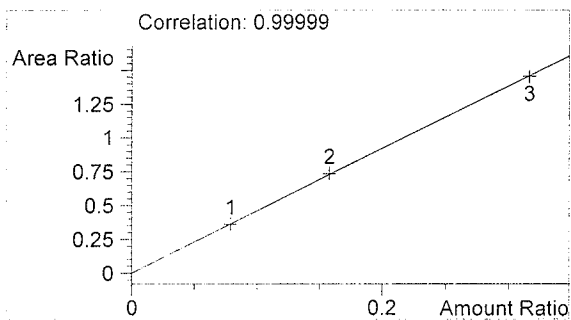
BLANK
 N Nuwayhid, PhD

vial # 20

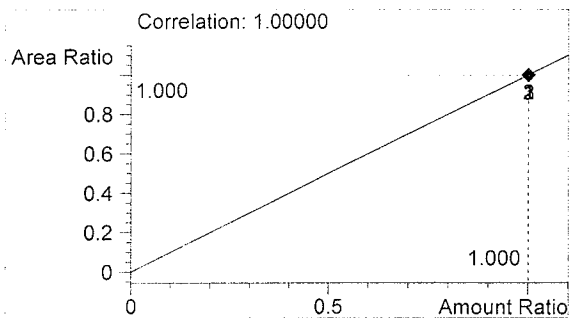


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1712	1.950

Totals:



ethanol 0.000 g/100ml

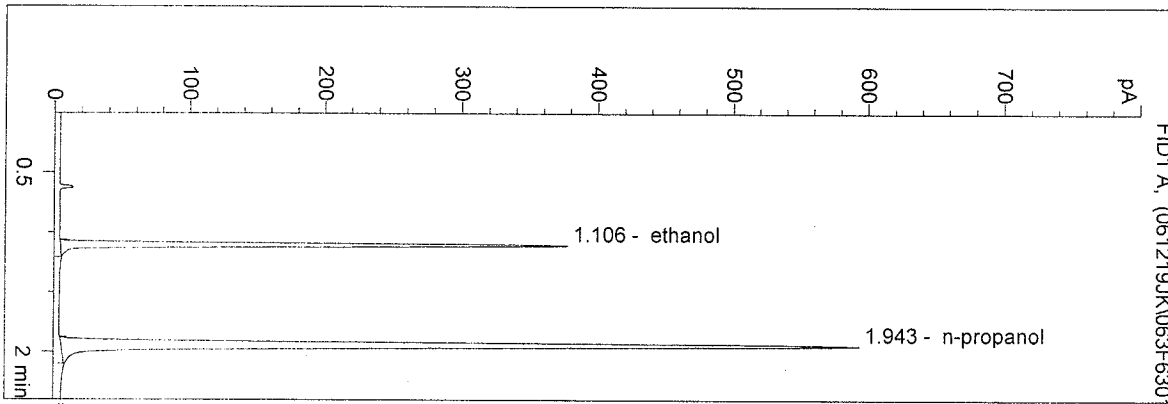


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 9:17:44 PM
 Instrument 5
 DB-ALC2

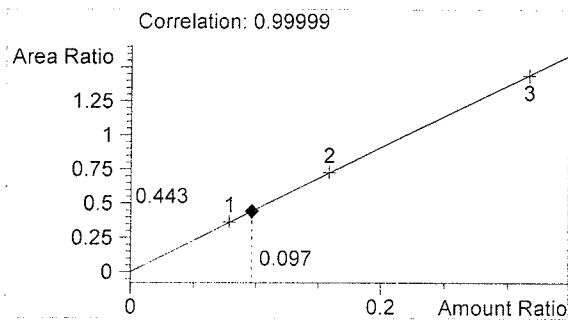
06051-1
 Justin Knoy

vial # 63

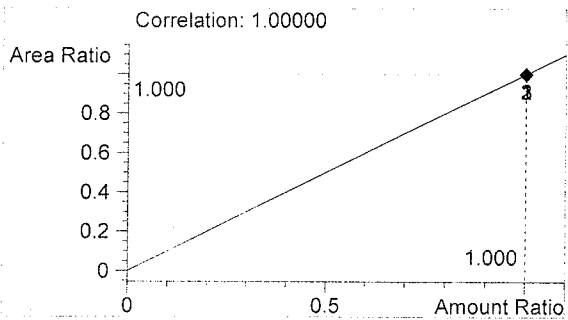


#	Compound	Area	RT
1	ethanol	771	1.106
2	n-propanol	1741	1.943

Totals:



ethanol 0.097 g/100ml

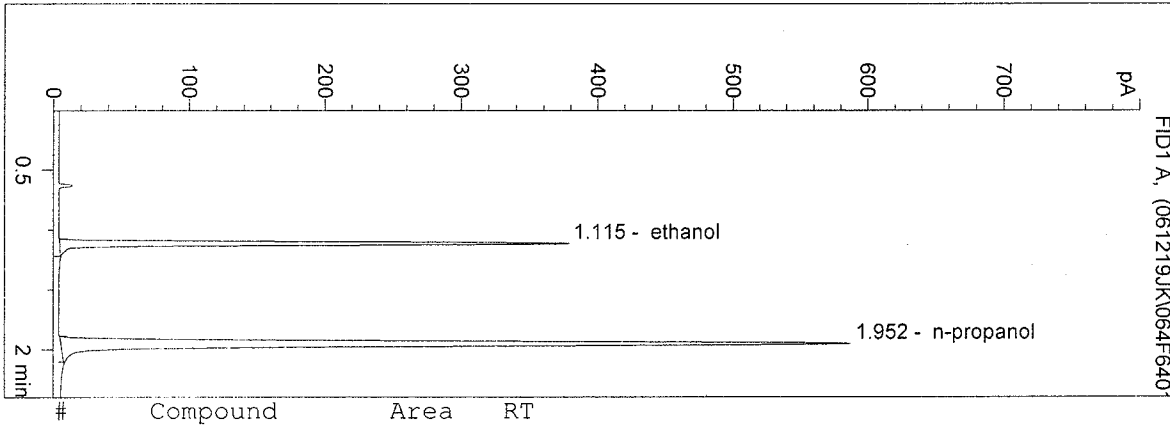


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 9:22:11 PM
 Instrument 5
 DB-ALC2

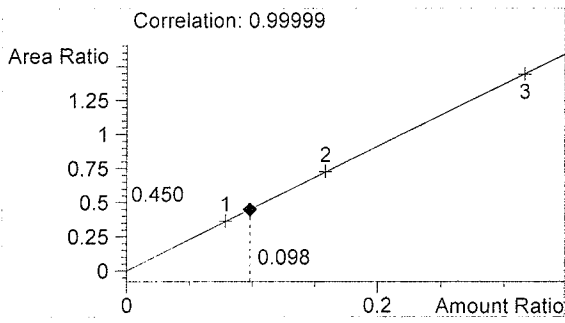
06051-2
 Justin Knoy

vial # 64

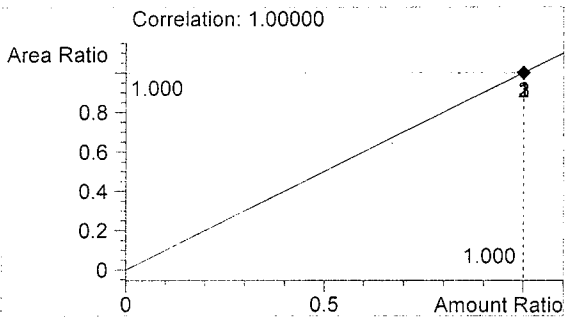


#	Compound	Area	RT
1	ethanol	770	1.115
2	n-propanol	1712	1.952

Totals:



ethanol 0.098 g/100ml

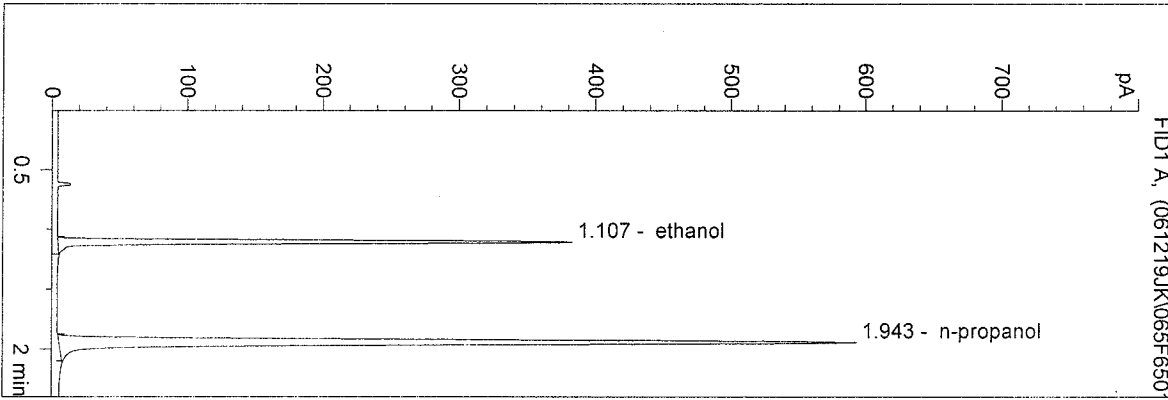


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 9:26:15 PM
 Instrument 5
 DB-ALC2

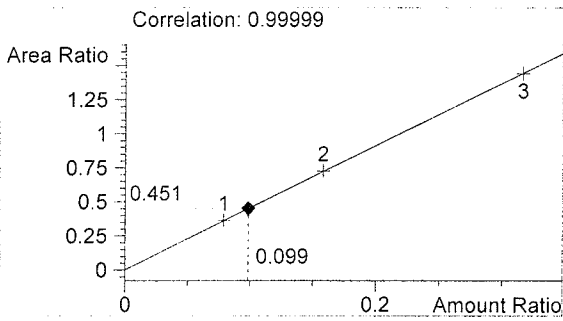
06051-3
 Justin Knoy

vial # 65

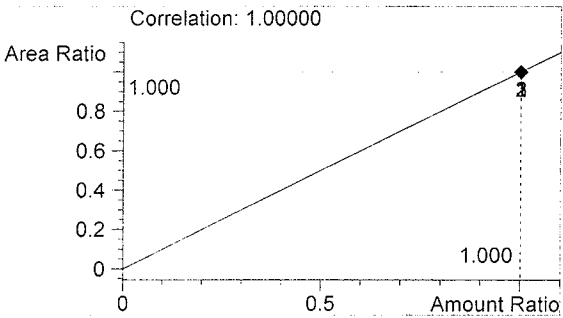


#	Compound	Area	RT
1	ethanol	785	1.107
2	n-propanol	1740	1.943

Totals:



ethanol 0.099 g/100ml

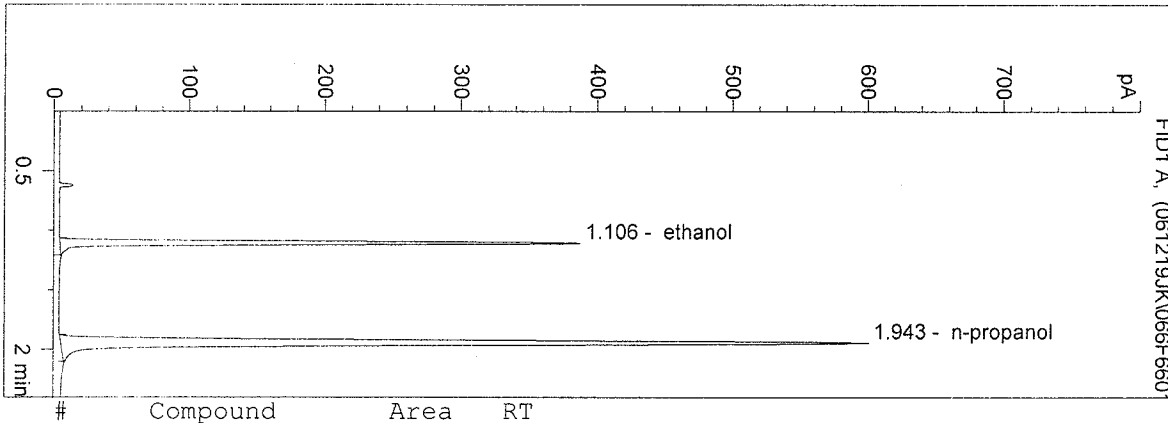


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 9:29:40 PM
 Instrument 5
 DB-ALC2

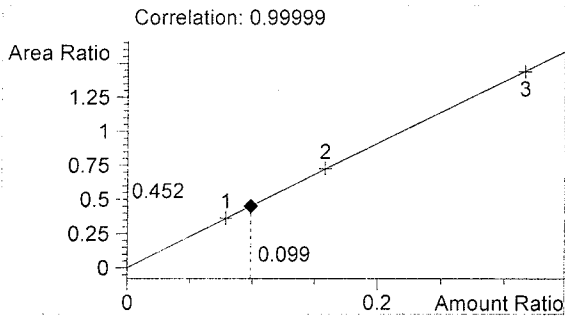
06051-4
 Justin Knoy

vial # 66

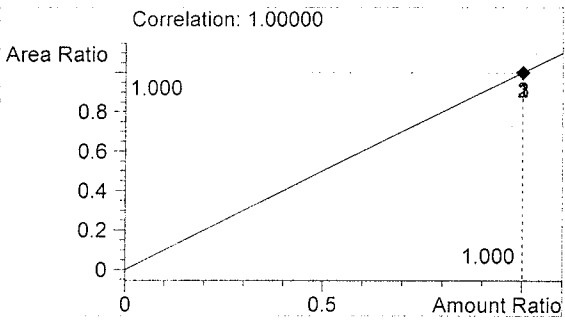


#	Compound	Area	RT
1	ethanol	794	1.106
2	n-propanol	1758	1.943

Totals:



ethanol 0.099 g/100ml

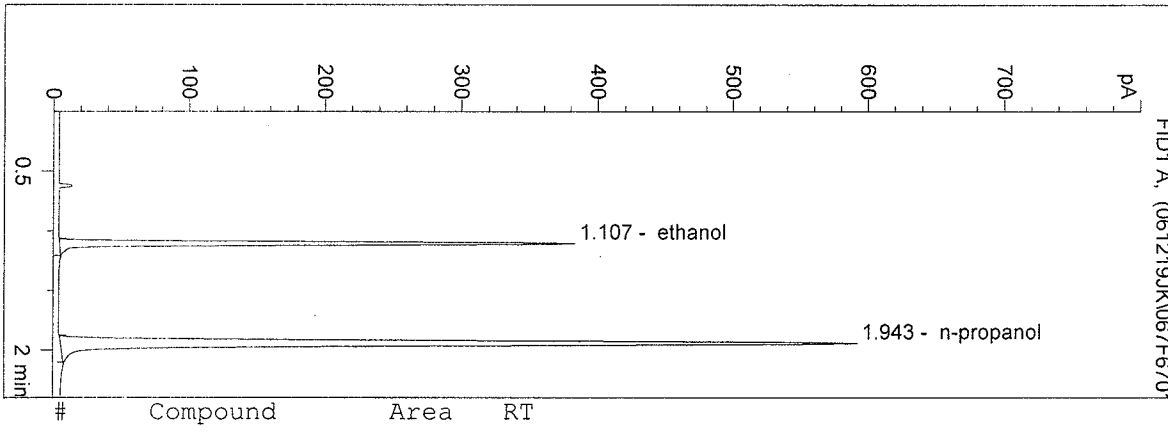


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 9:34:13 PM
 Instrument 5
 DB-ALC2

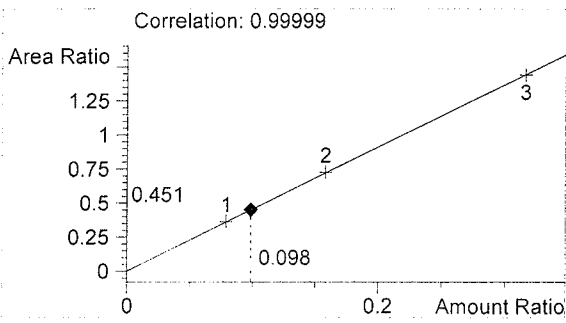
06051-5
 Justin Knoy

vial # 67

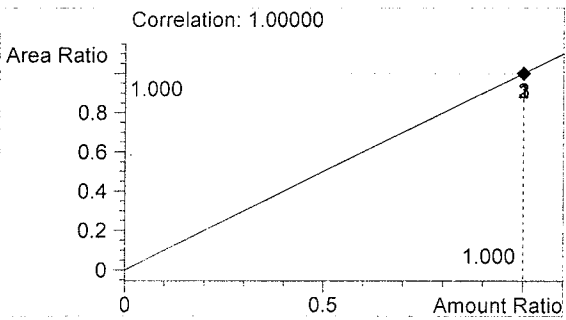


#	Compound	Area	RT
1	ethanol	784	1.107
2	n-propanol	1738	1.943

Totals:



ethanol 0.098 g/100ml

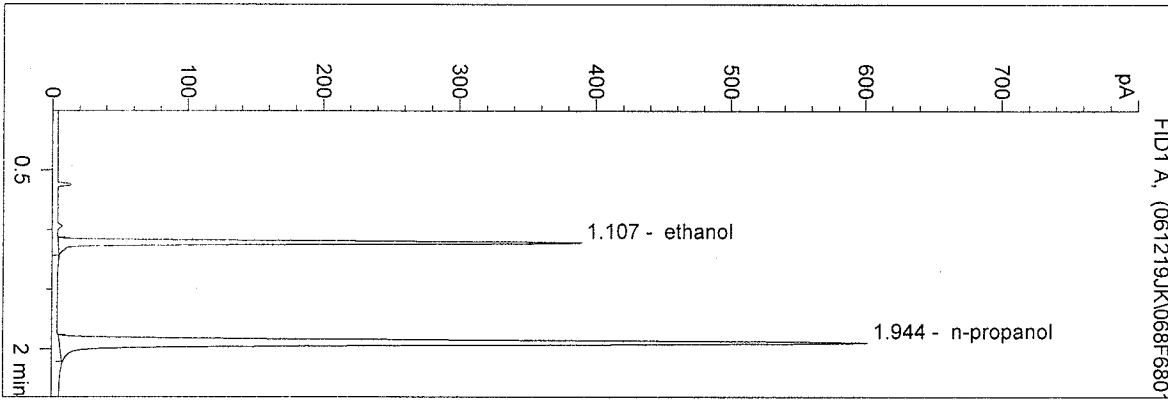


n-propanol 1.000 g/100ml

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 12/19/2006 9:38:11 PM
 Instrument 5
 DB-ALC2

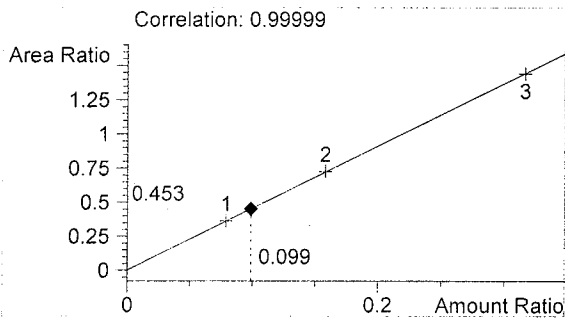
0.10 CTRL JK
 Justin Knoy

vial # 68

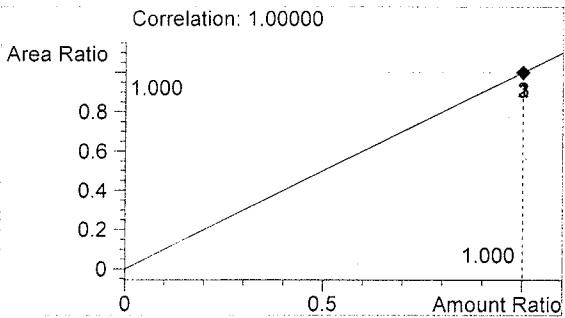


#	Compound	Area	RT
1	ethanol	797	1.107
2	n-propanol	1761	1.944

Totals:



ethanol 0.099 g/100ml

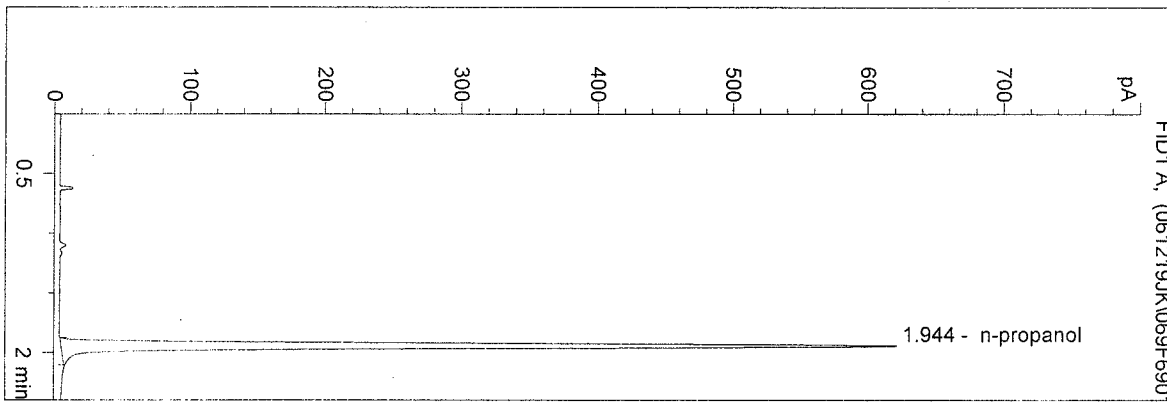


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 12/19/2006 9:41:30 PM
 Instrument 5
 DB-ALC2

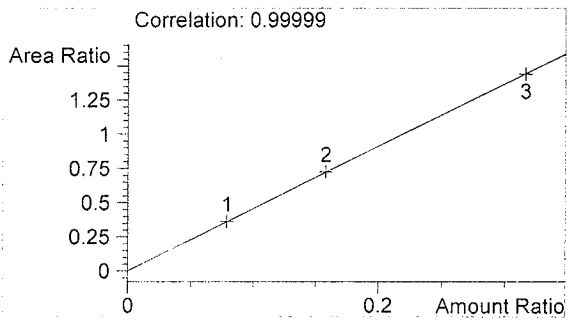
blank
 Justin Knoy

vial # 69

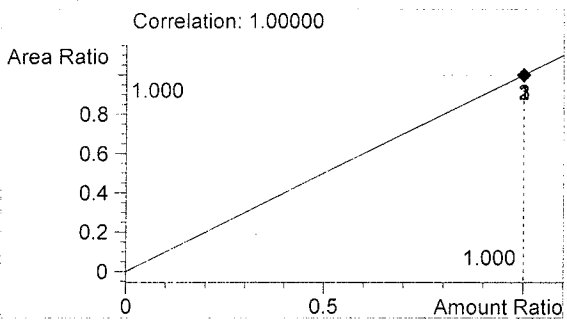


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1825	1.944

Totals:



ethanol 0.000 g/100ml

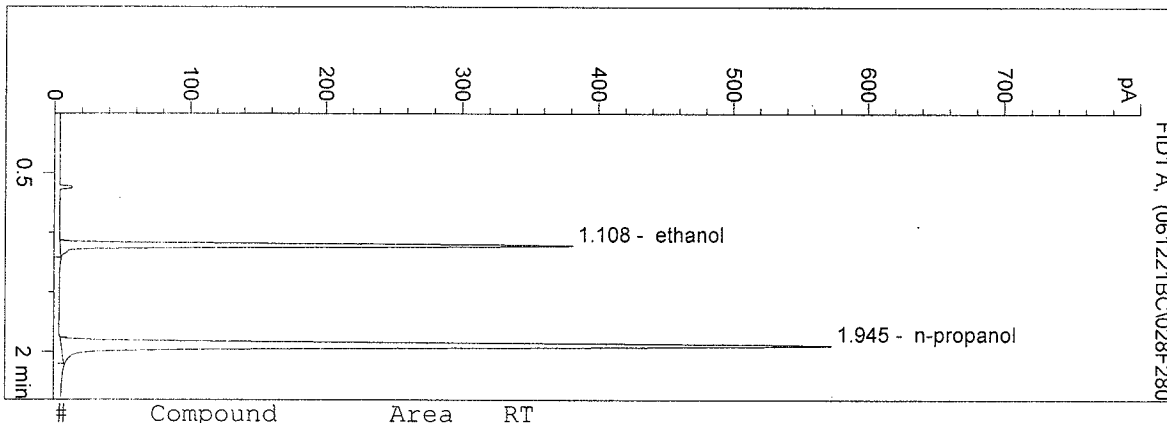


n-propanol 1.000 g/100ml

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 Instrument 5
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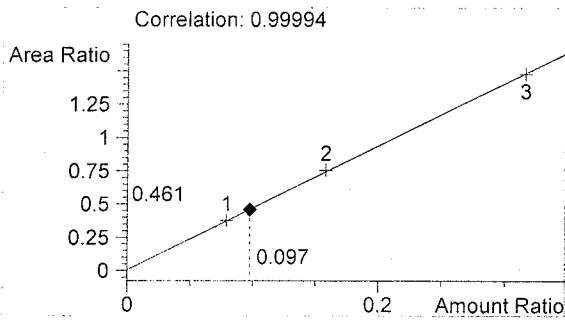
06051
 bcapron

vial # 28

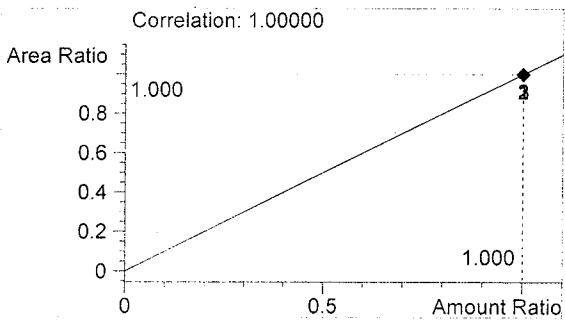


#	Compound	Area	RT
1	ethanol	770	1.108
2	n-propanol	1671	1.945

Totals:



ethanol 0.097 g/100ml

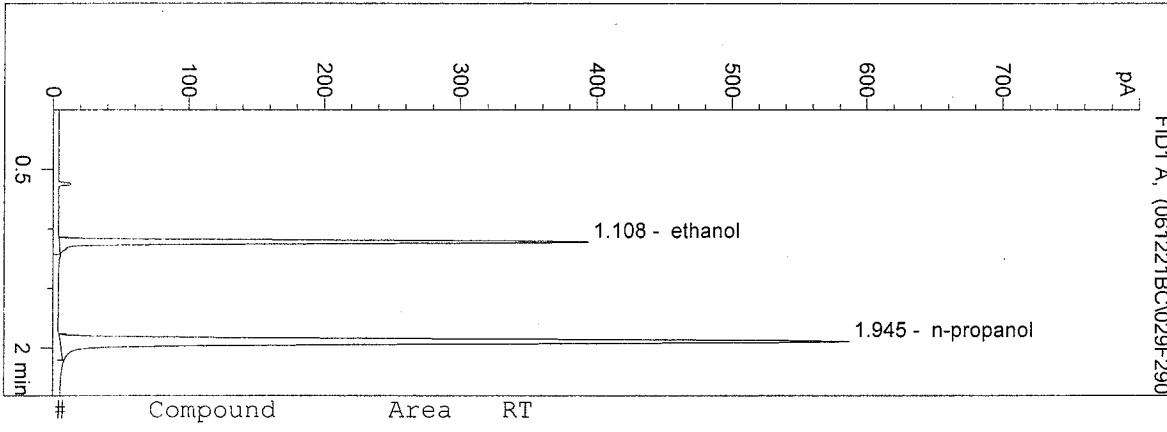


n-propanol 1.000 g/100ml

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 12/21/2006 9:01:09 AM
 Instrument 5
 DB-ALC2

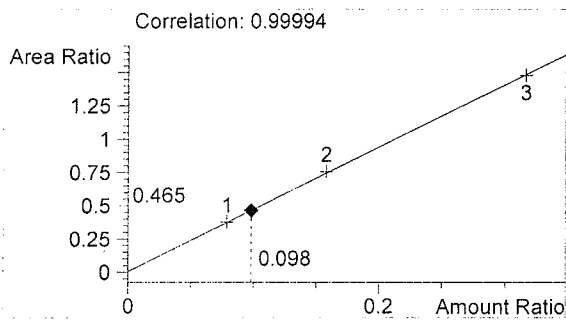
06051
 bcapron

vial # 29

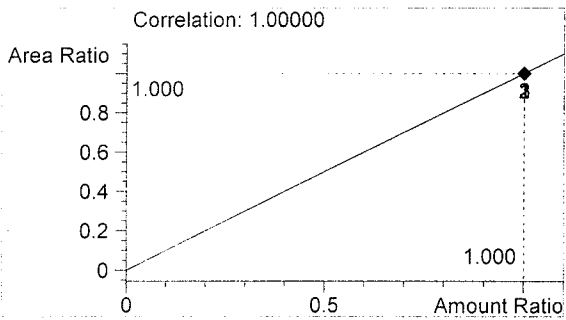


#	Compound	Area	RT
1	ethanol	795	1.108
2	n-propanol	1712	1.945

Totals:



ethanol 0.098 g/100ml

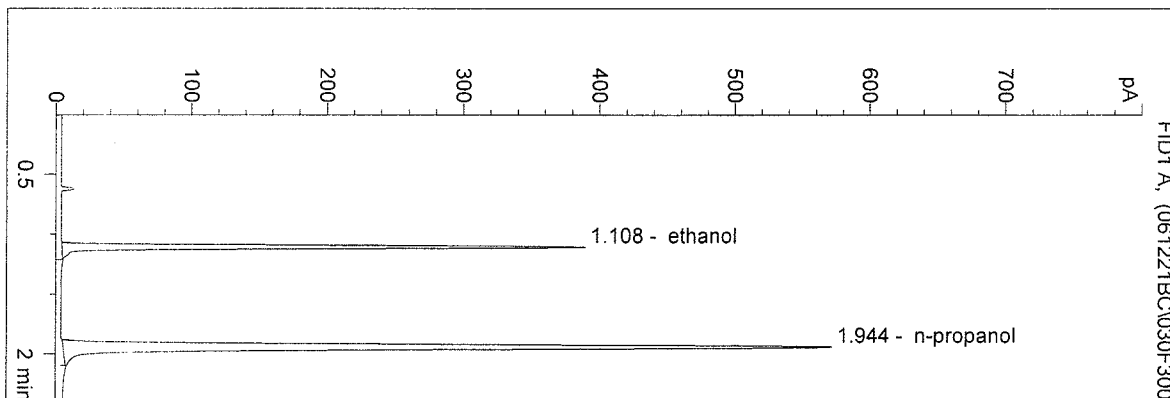


n-propanol 1.000 g/100ml

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 12/21/2006 9:04:37 AM
 Instrument 5
 DB-ALC2

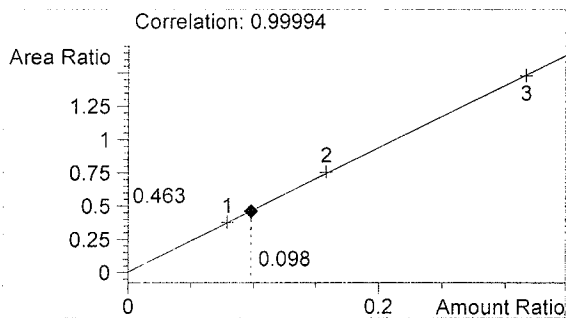
06051
 bcapron

vial # 30

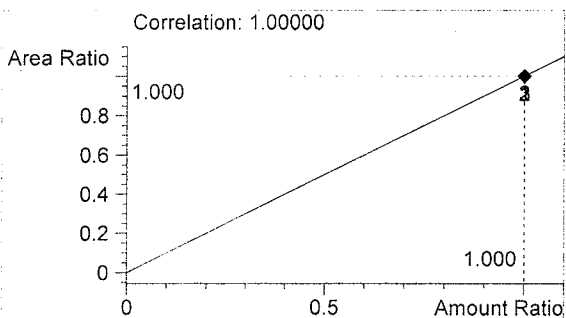


#	Compound	Area	RT
1	ethanol	771	1.108
2	n-propanol	1664	1.944

Totals:



ethanol 0.098 g/100ml

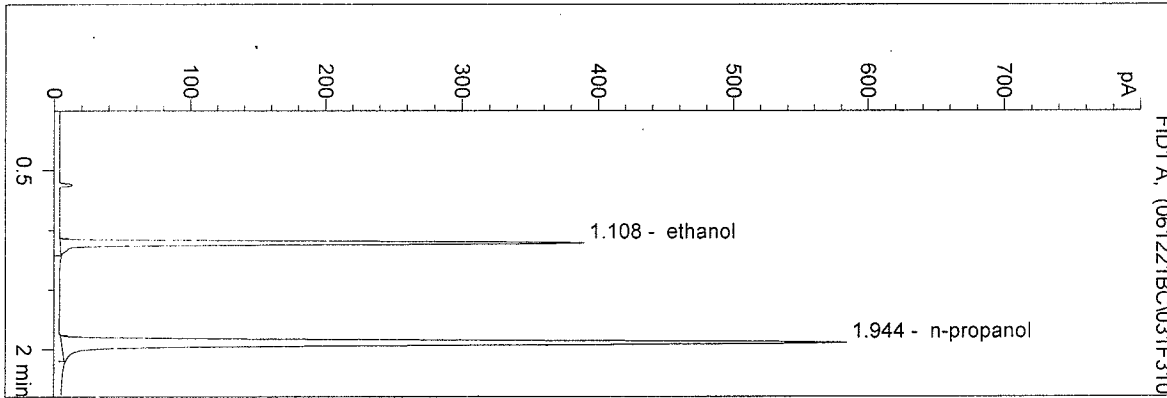


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

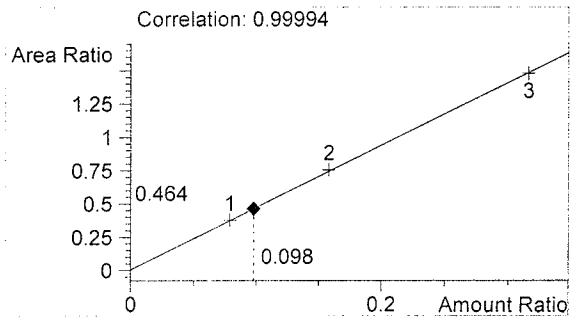
06051
 bcapron

vial # 31

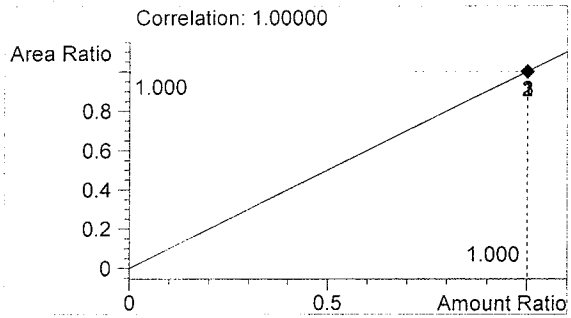


#	Compound	Area	RT
1	ethanol	787	1.108
2	n-propanol	1698	1.944

Totals:



ethanol 0.098 g/100ml

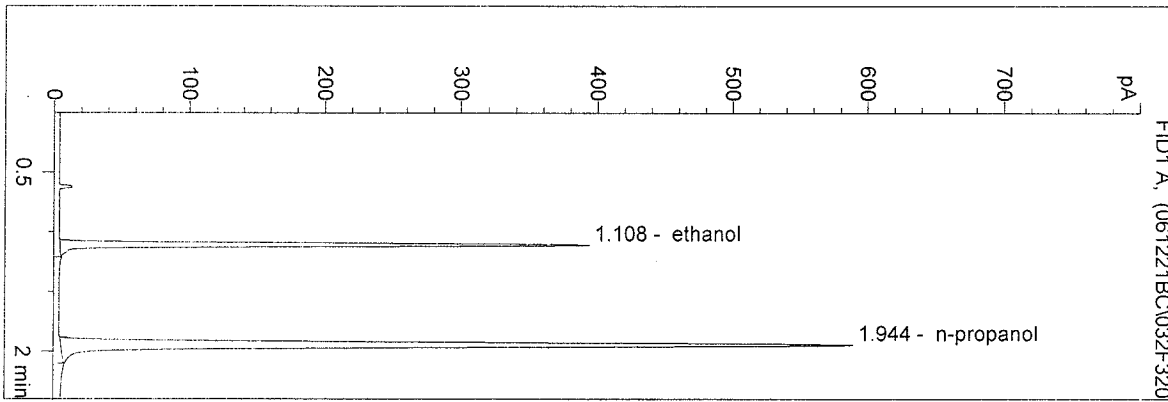


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

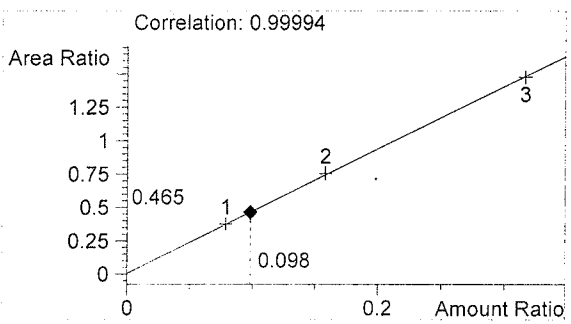
06051
 bcapron

vial # 32

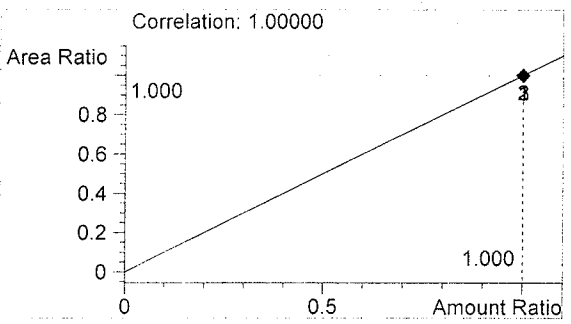


#	Compound	Area	RT
1	ethanol	797	1.108
2	n-propanol	1715	1.944

Totals:



ethanol 0.098 g/100ml

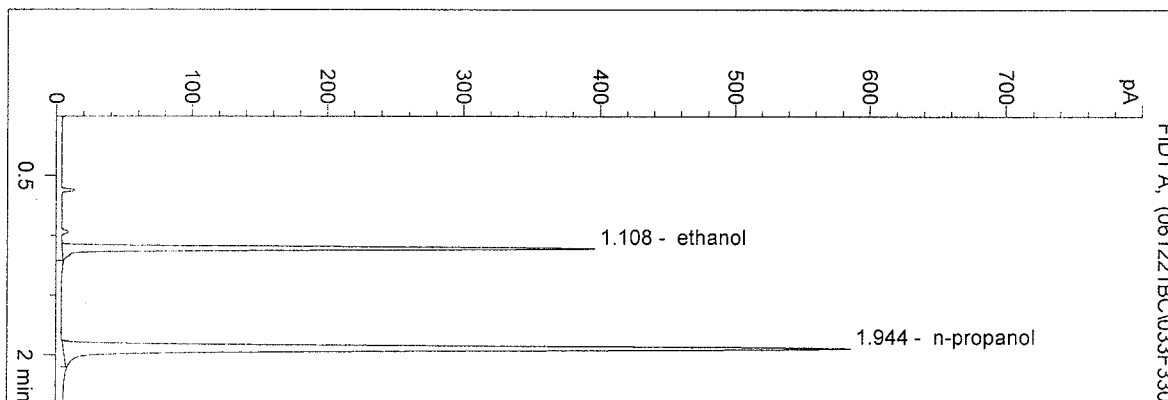


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

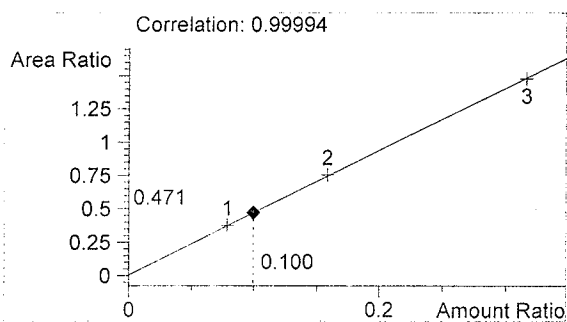
0.10 control bc
 bcapron

vial # 33

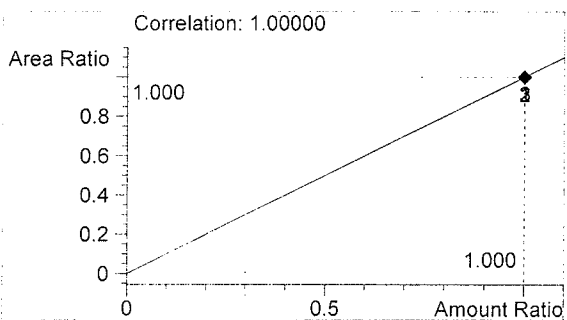


#	Compound	Area	RT
1	ethanol	804	1.108
2	n-propanol	1706	1.944

Totals:



ethanol 0.100 g/100ml

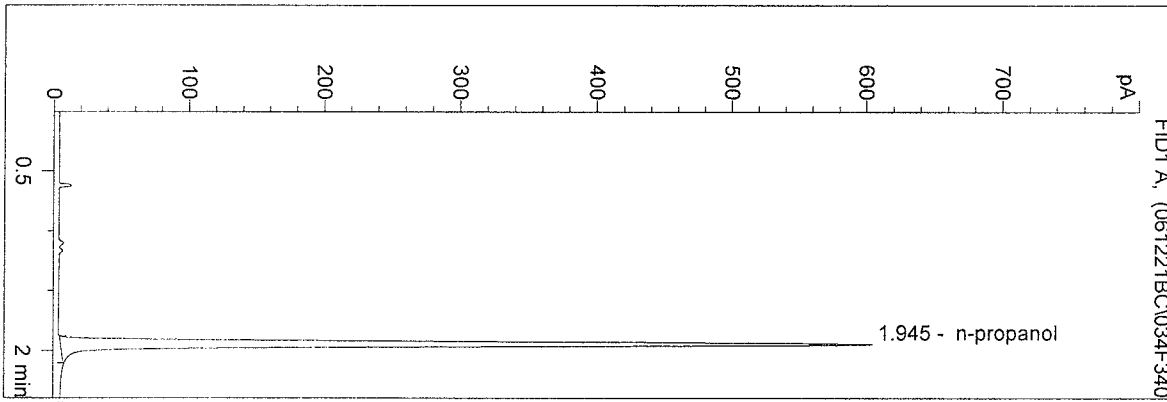


n-propanol 1.000 g/100ml

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 12/21/2006 9:21:35 AM
 Instrument 5
 DB-ALC2

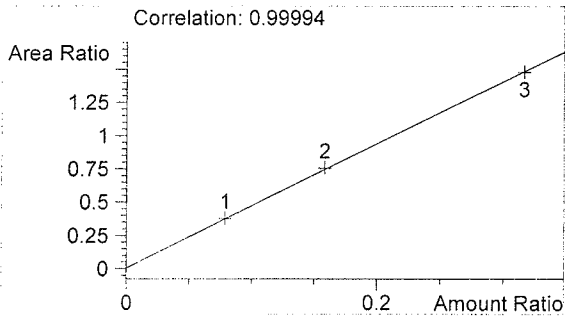
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 bcapron

vial # 34

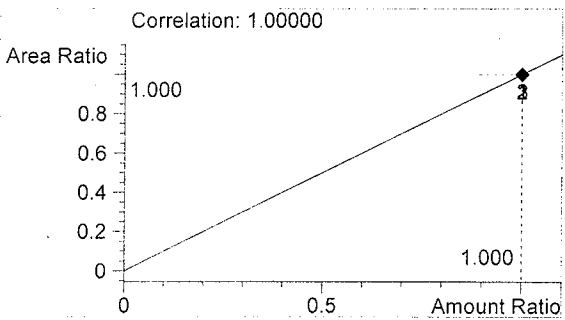


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1769	1.945

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml