

Notice of Simulator Solution File Review

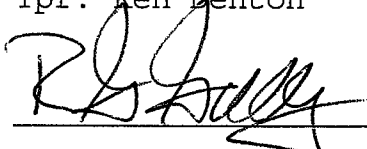
At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution 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 KEN DENTON / RON GULLBERG Date 10-2-07
Location TOX LAB SEATTLE Batch Number 06032

Form Review Criteria

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

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: 10-2-07

Reviewer Signature:  Date: 10/2/2007

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

Preparation and certification of **0.04** g/210L

Quality Assurance solution ^{9.1.06}

Batch number **06032**

Date: ~~9/5/2006~~

Preparation: 11.1 mL of absolute ethyl alcohol diluted to 18 Liters with water

BL
10.9.07

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	0.049	0.050	0.049													
2	0.049	0.050	0.050													
3	0.049	0.050	0.050													
4	0.049	0.050	0.049													
5	0.049	0.051	0.050													
Ctrl	0.098	0.101	0.101													

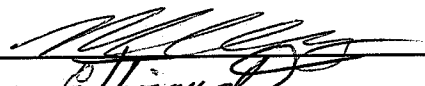

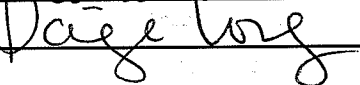
External Control:

Lot #: A041837 Exp date: 4/10
 Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0496 g/100 mL
 SD: 0.00063
 Range (3xSD): 0.0477 to 0.0515
 Precision CV (%): 1.2751 %

Equivalent vapor concent.: 0.0403 g/210L

Analyst	Name	Signature	Date
1	Brian Capron		09/01/2006
2	Estuardo J. Miranda		09/05/2006
3	Paige Long		09/06/2006
4			
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16			

Prepared by: Brian Capron 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, 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 06032, was prepared in the Washington State Toxicology Laboratory on ^{9.1.06} 9/5/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0496 grams per 100ml. ^{(BC) 10.9.07}

Dated: 10/11/2006
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



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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 eight years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 06032, was prepared in the Washington State Toxicology Laboratory on ^{EM 10-10-2007} 9/5/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0496 ^{9/11/2006} grams per 100ml.

Dated: 10/11/2006
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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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

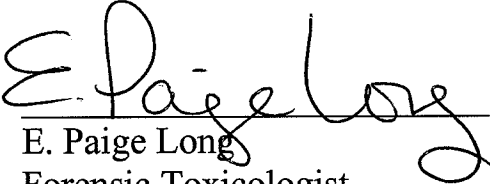
I, E. Paige Long, do certify under penalty of perjury that:

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 06032, was prepared in the Washington State Toxicology Laboratory on 9/5/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0496 grams per 100ml.

Dated: 10/11/2006
Seattle, WA

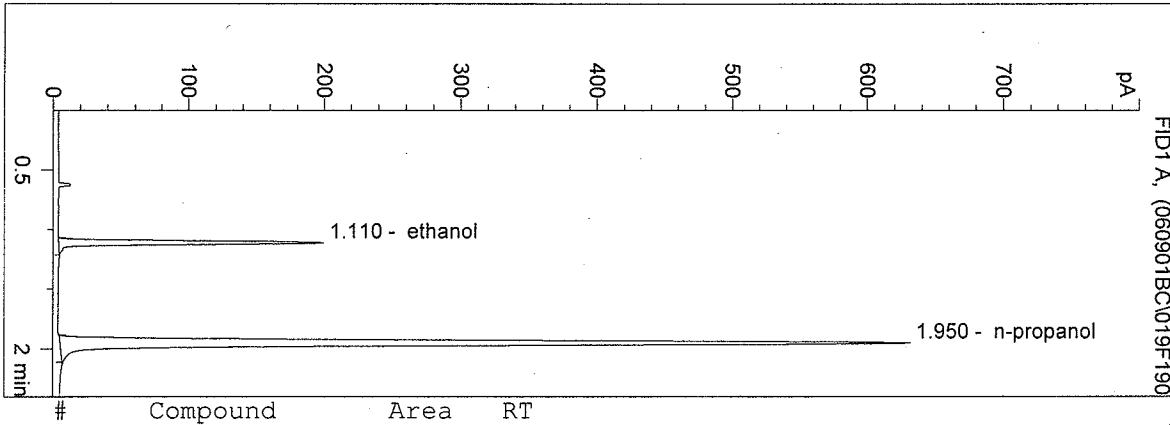

E. Paige Long
Forensic Toxicologist

EPL/ks
PLQA

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 9/1/2006 1:02:51 PM
 Instrument 5
 DB-ALC2

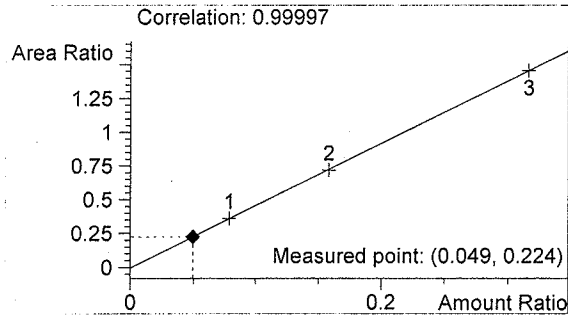
06032
 bcapron

vial # 19

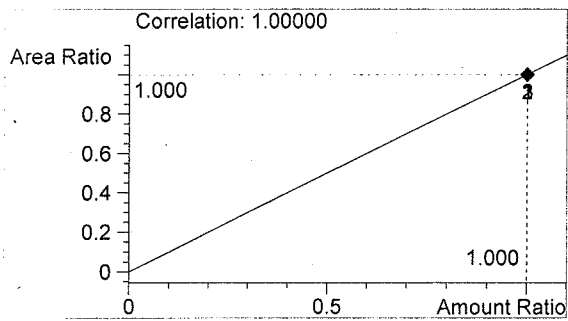


#	Compound	Area	RT
1	ethanol	417	1.110
2	n-propanol	1863	1.950

Totals:



ethanol 0.049 g/100ml

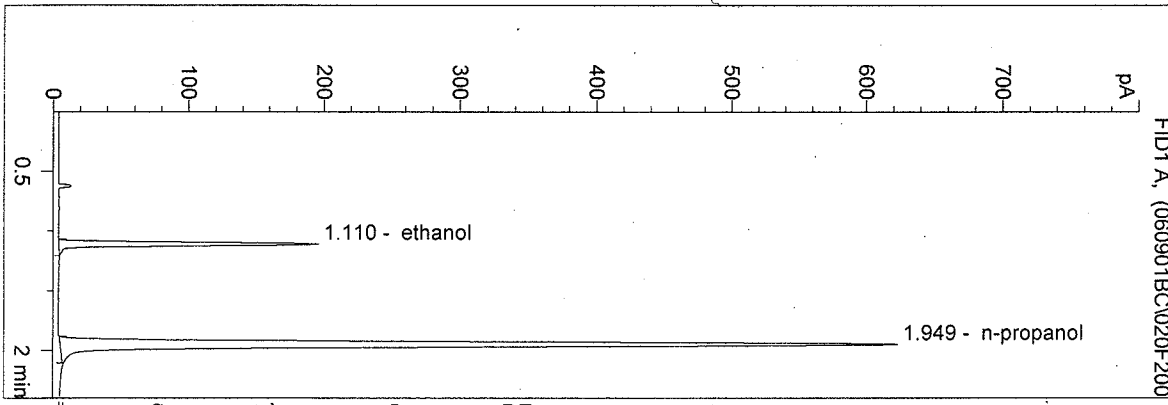


n-propanol 1.000 g/100ml

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 DB-ALC2

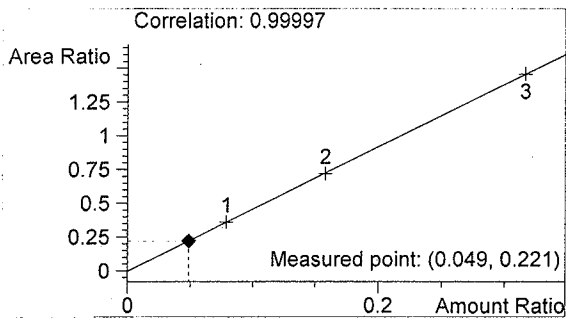
06032
 bcapron

vial # 20

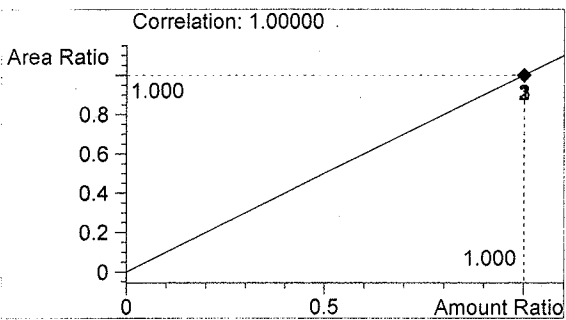


#	Compound	Area	RT
1	ethanol	405	1.110
2	n-propanol	1832	1.949

Totals:



ethanol 0.049 g/100ml

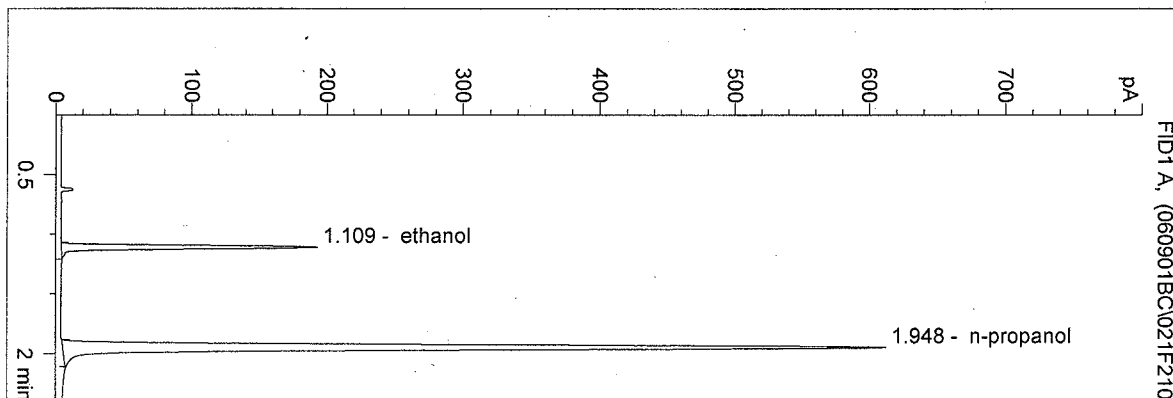


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

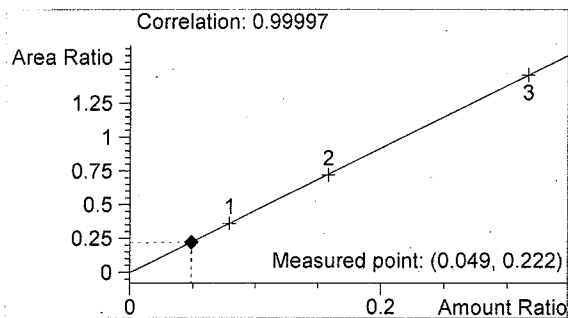
06032
 bcapron

vial # 21

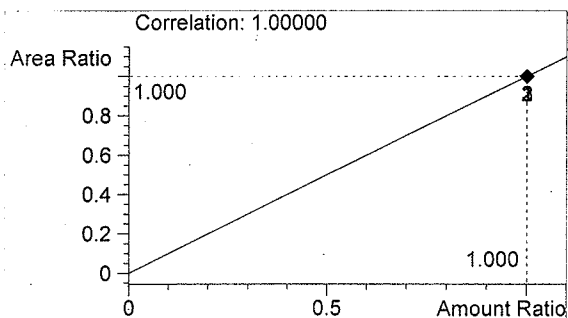


#	Compound	Area	RT
1	ethanol	400	1.109
2	n-propanol	1804	1.948

Totals:



ethanol 0.049 g/100ml

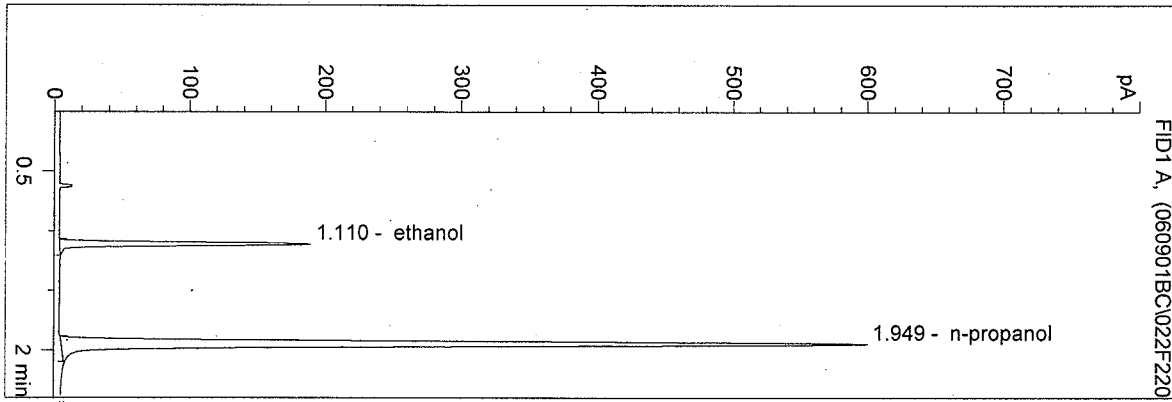


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

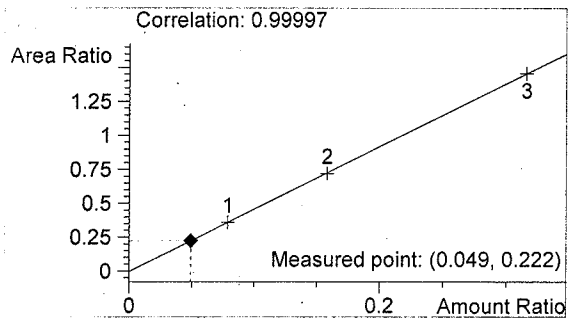
06032
 bcapron

vial # 22

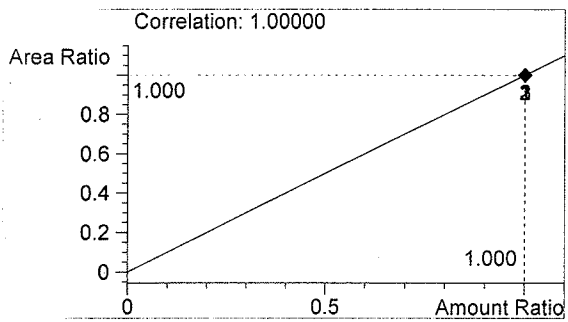


#	Compound	Area	RT
1	ethanol	391	1.110
2	n-propanol	1762	1.949

Totals:



ethanol 0.049 g/100ml

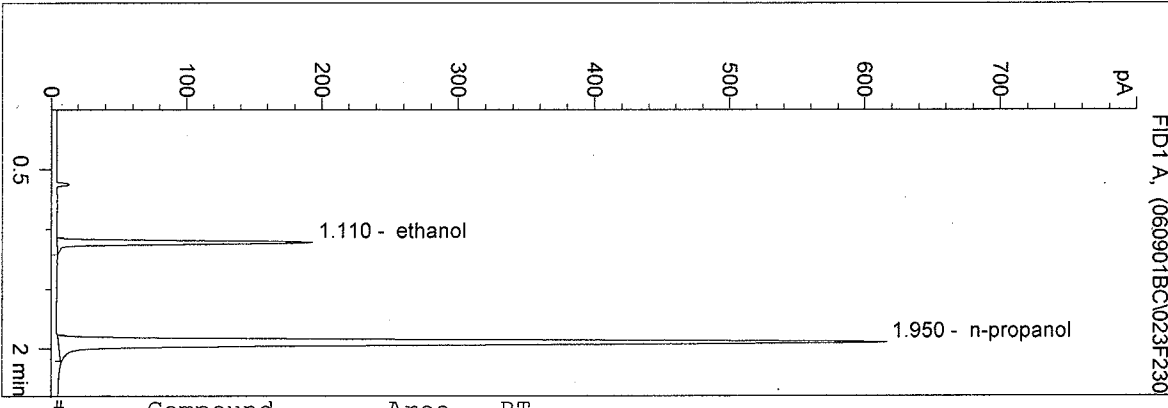


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

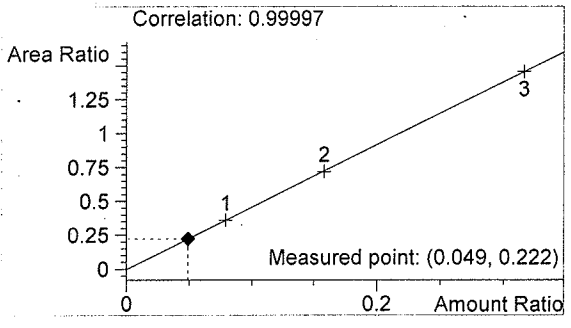
06032
 bcapron

vial # 23

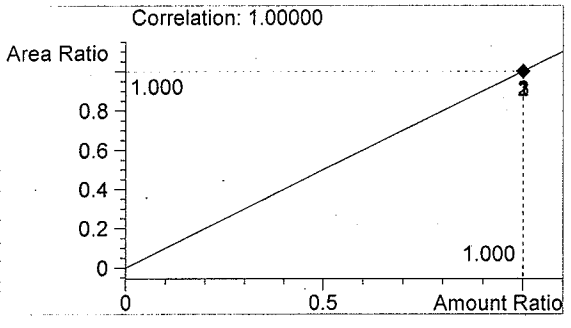


#	Compound	Area	RT
1	ethanol	404	1.110
2	n-propanol	1819	1.950

Totals:



ethanol 0.049 g/100ml

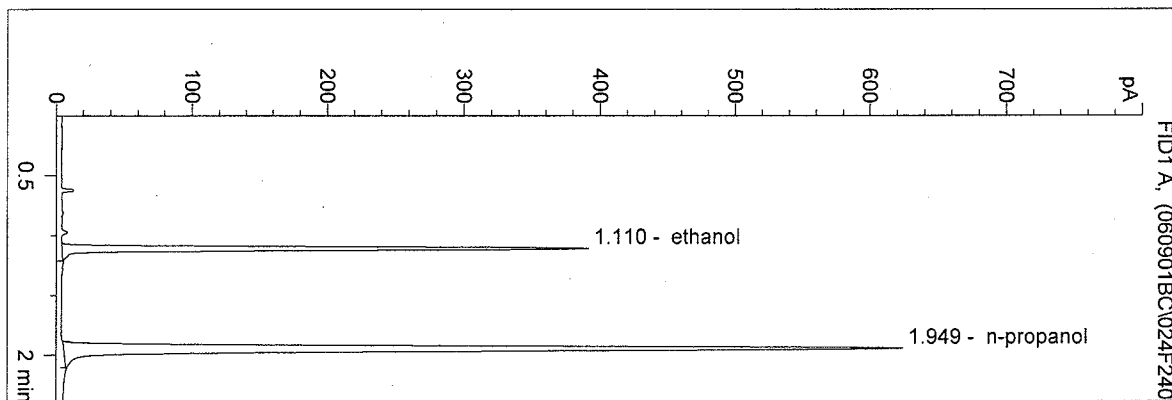


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

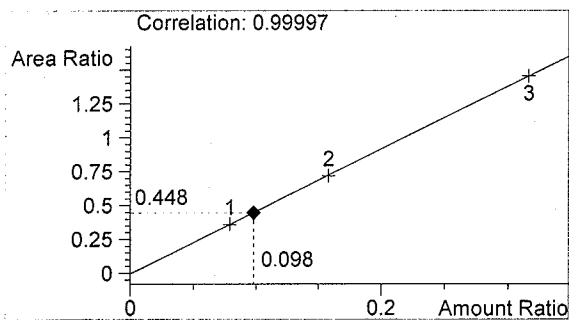
0.10 control bc
 bcapron

vial # 24

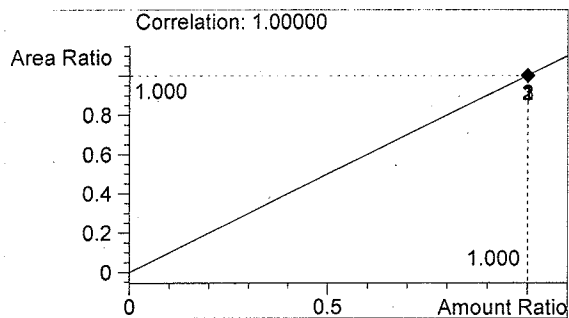


#	Compound	Area	RT
1	ethanol	822	1.110
2	n-propanol	1835	1.949

Totals:



ethanol 0.098 g/100ml

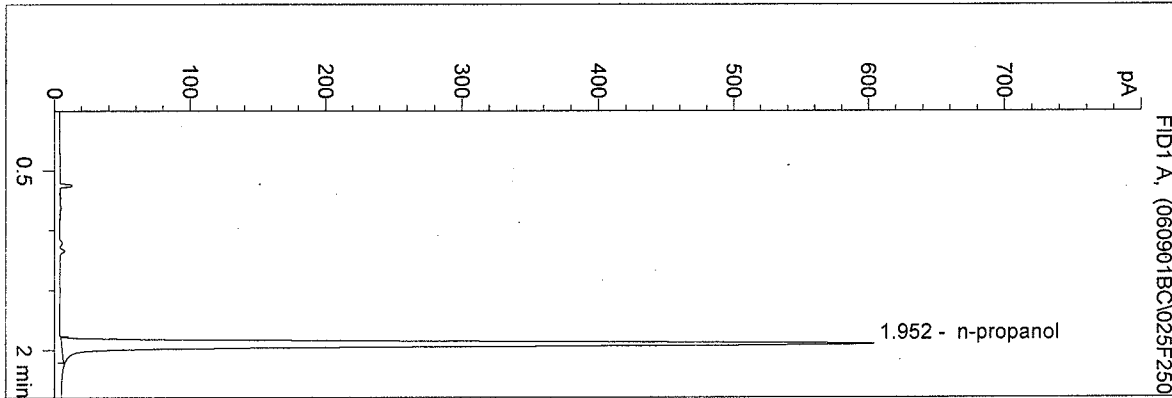


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

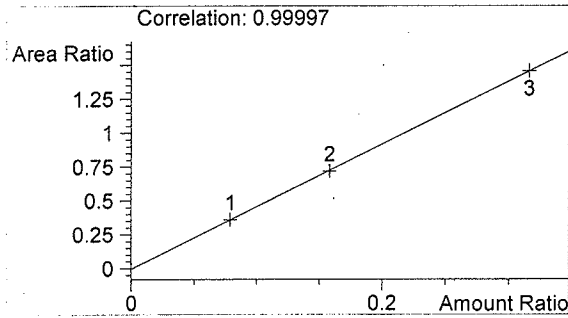
blank
 bcapron

vial # 25

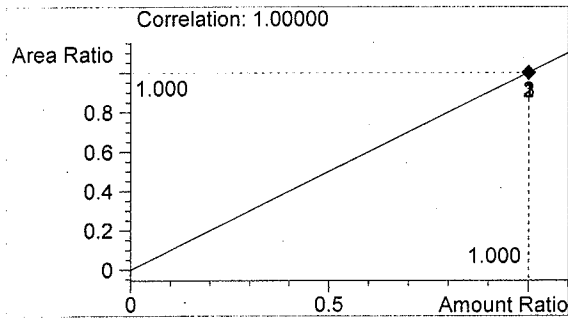


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1781	1.952

Totals:



ethanol 0.000 g/100ml

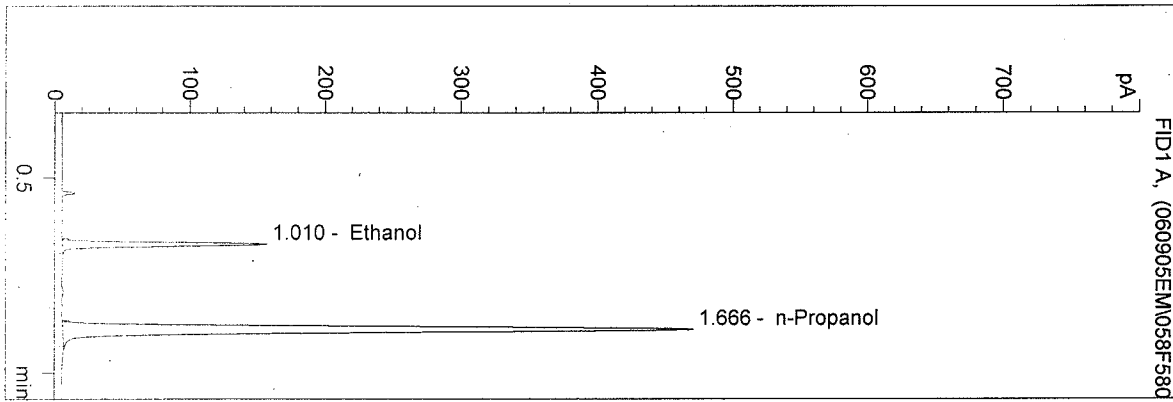


n-propanol 1.000 g/100ml

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 9/5/2006 3:46:32 PM
 Instrument 4
 DB-ALC1

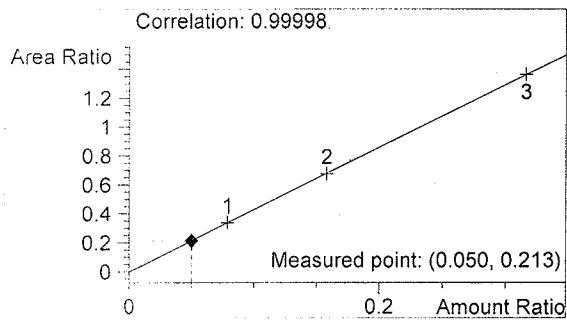
QA 06032-1
 Estuardo J. Miranda

vial # 58

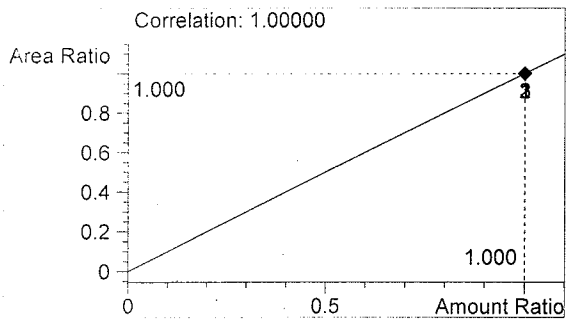


#	Compound	Area	RT
1	Ethanol	314	1.010
2	n-Propanol	1470	1.666

Totals:



Ethanol 0.050 g/100ml

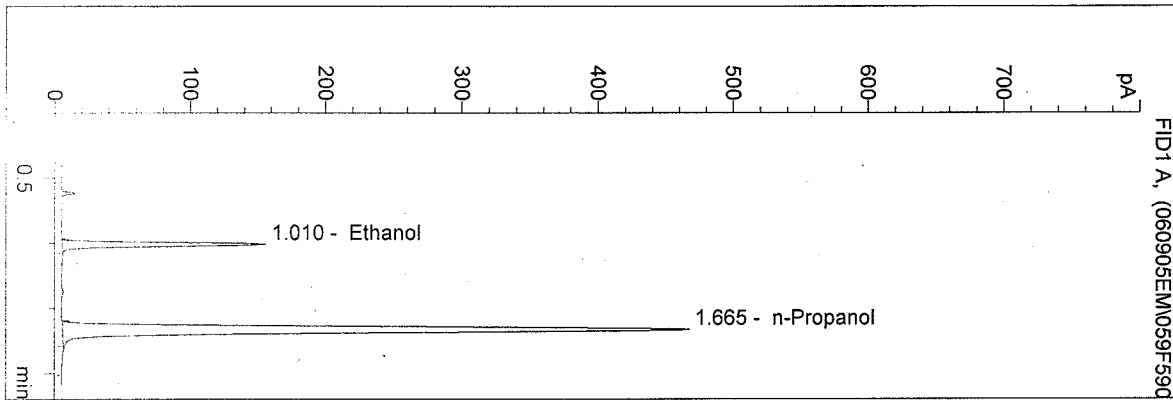


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/5/2006 3:49:43 PM
 Instrument 4
 DB-ALC1

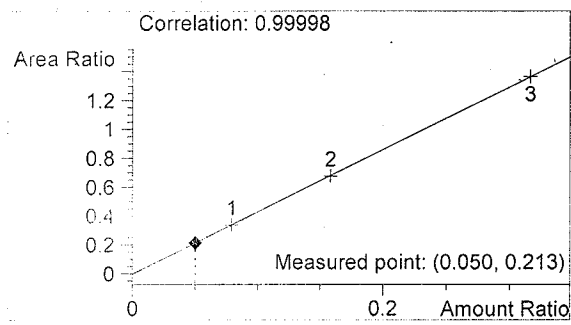
QA 06032-2
 Estuardo J. Miranda

vial # 59

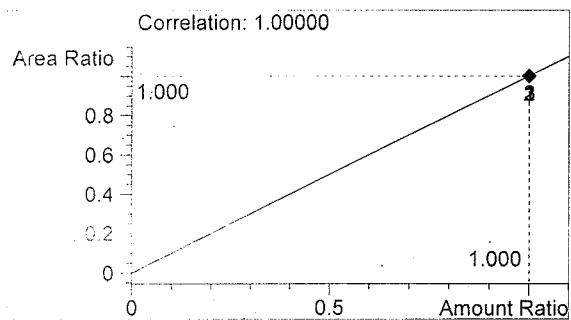


#	Compound	Area	RT
1	Ethanol	311	1.010
2	n-Propanol	1460	1.665

Totals:



Ethanol 0.050 g/100ml

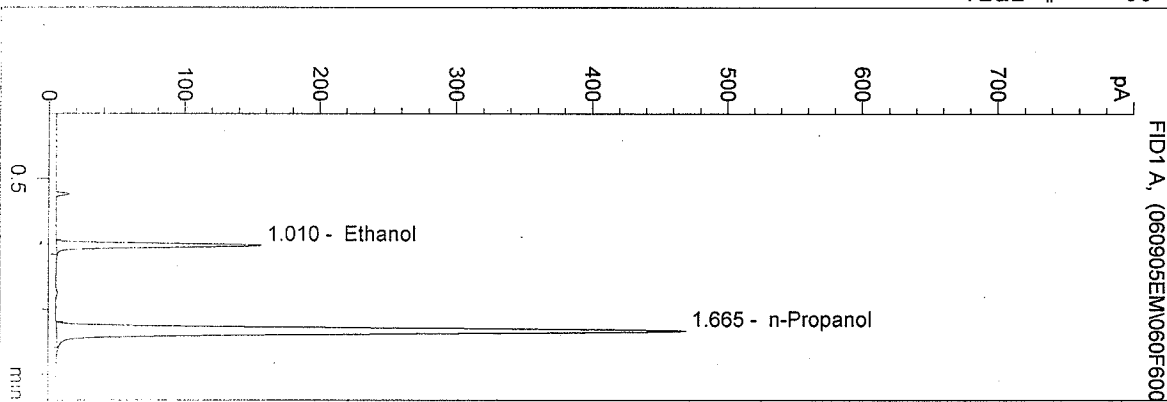


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/5/2006 3:52:52 PM
 Instrument 4
 DB-ALC1

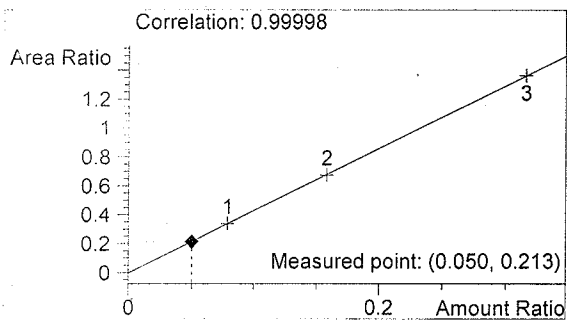
QA 06032-3
 Estuardo J. Miranda

vial # 60

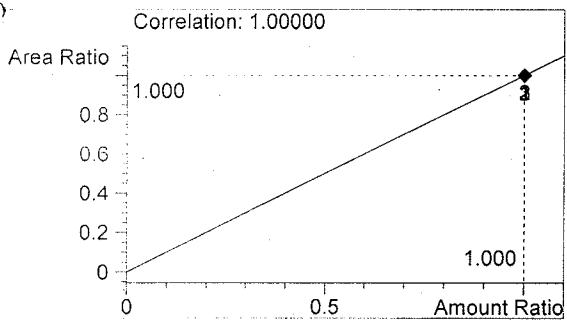


#	Compound	Area	RT
1	Ethanol	313	1.010
2	n-Propanol	1468	1.665

Totals:



Ethanol 0.050 g/100ml

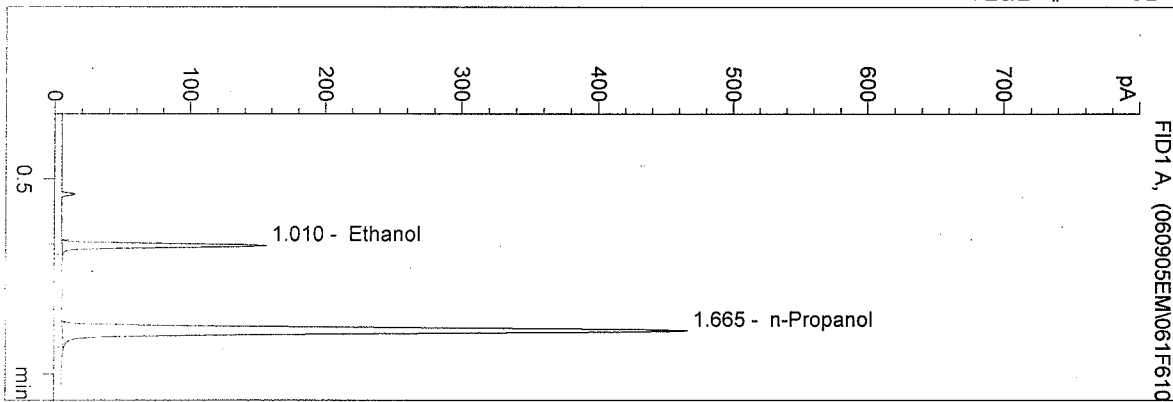


n-Propanol 1.000 g/100ml

E:\HPCHEM\1\METHODS\BLDALCO.M
 9/5/2006 3:56:02 PM
 Instrument 4
 DB-ALC1

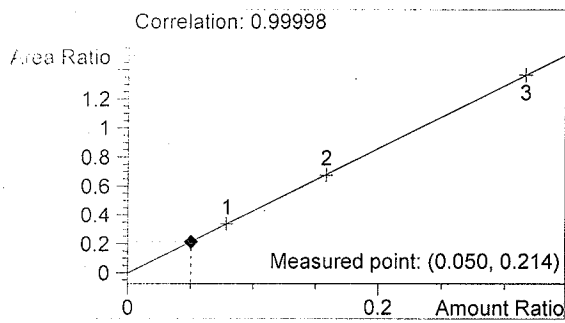
QA 06032-4
 Estuardo J. Miranda

vial # 61

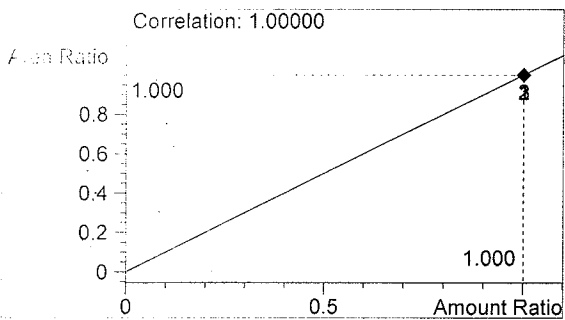


#	Compound	Area	RT
1	Ethanol	312	1.010
2	n-Propanol	1459	1.665

Totals:



Ethanol 0.050 g/100ml

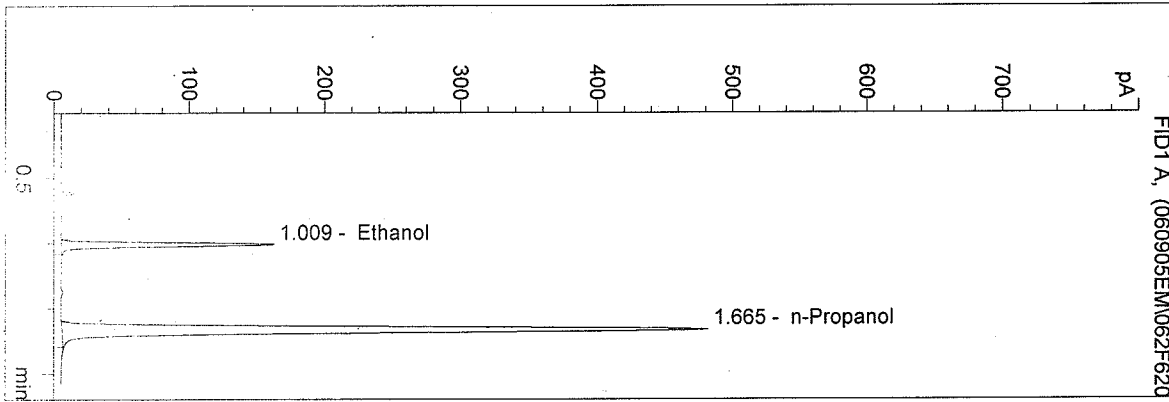


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/5/2006 3:59:19 PM
 Instrument 4
 EB-ALC1

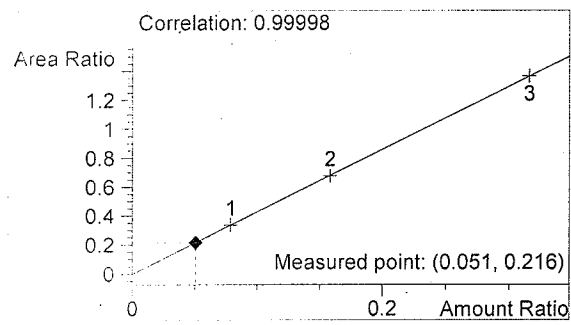
QA 06032-5
 Estuardo J. Miranda

vial # 62

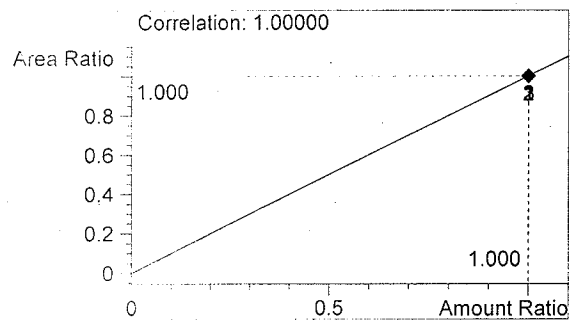


#	Compound	Area	RT
1	Ethanol	325	1.009
2	n-Propanol	1508	1.665

Totals:



Ethanol 0.051 g/100ml

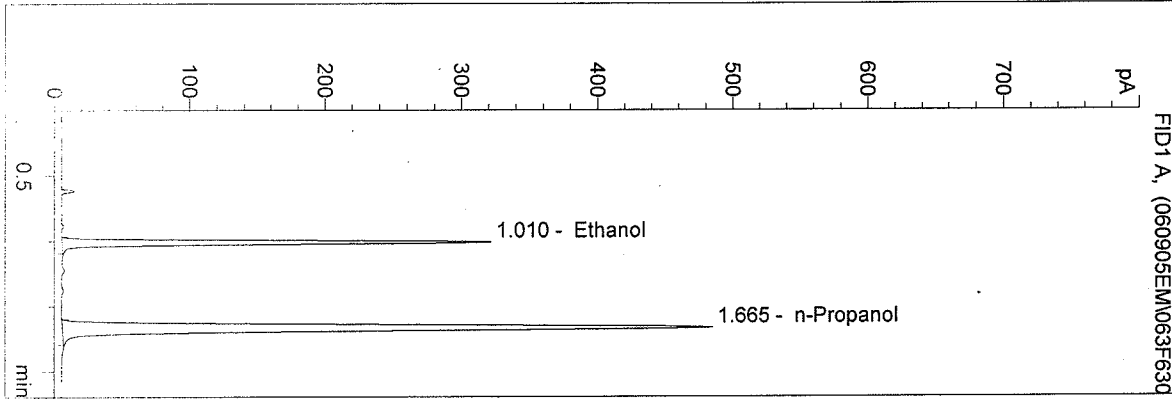


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/5/2006 4:02:36 PM
 Instrument 4
 EB-ALC1

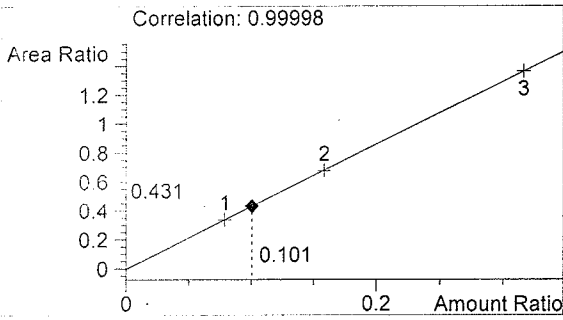
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 Estuardo J. Miranda

vial # 63

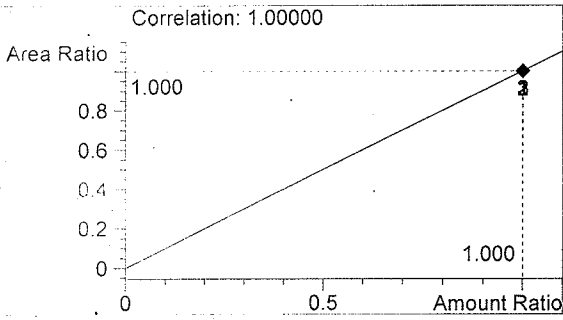


#	Compound	Area	RT
1	Ethanol	653	1.010
2	n-Propanol	1514	1.665

Totals:



Ethanol 0.101 g/100ml

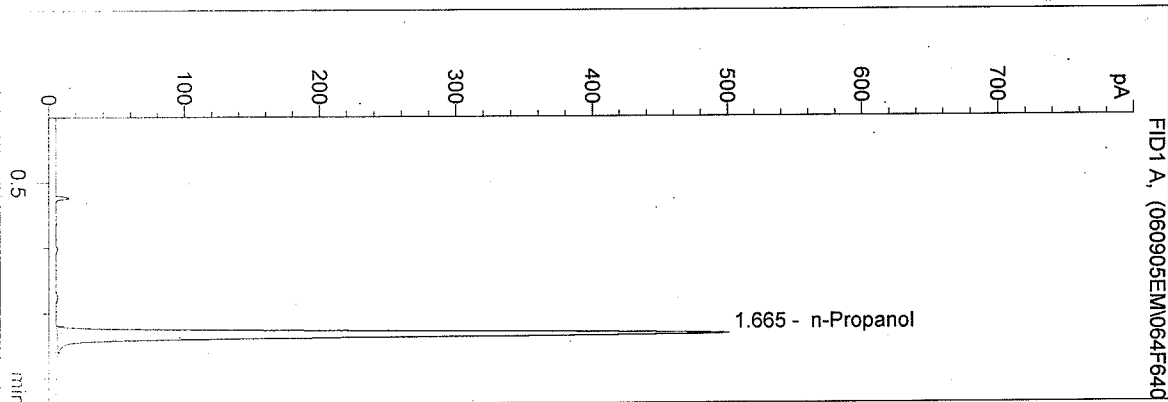


n-Propanol 1.000 g/100ml

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 9/5/2006 4:05:53 PM
 Instrument 4
 DB-ALC1

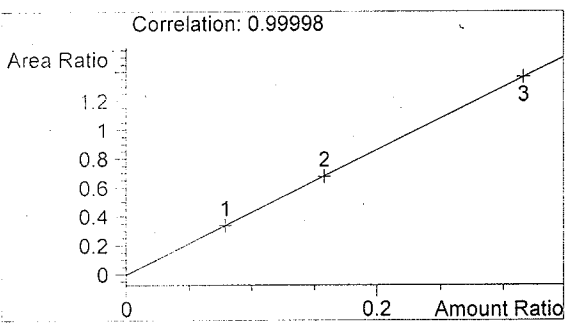
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 Estuardo J. Miranda

vial # 64

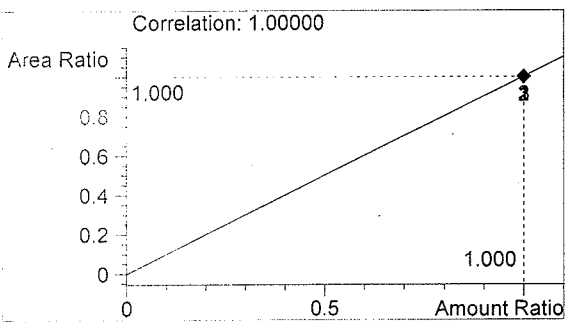


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1564	1.665

Totals:



Ethanol 0.000 g/100ml

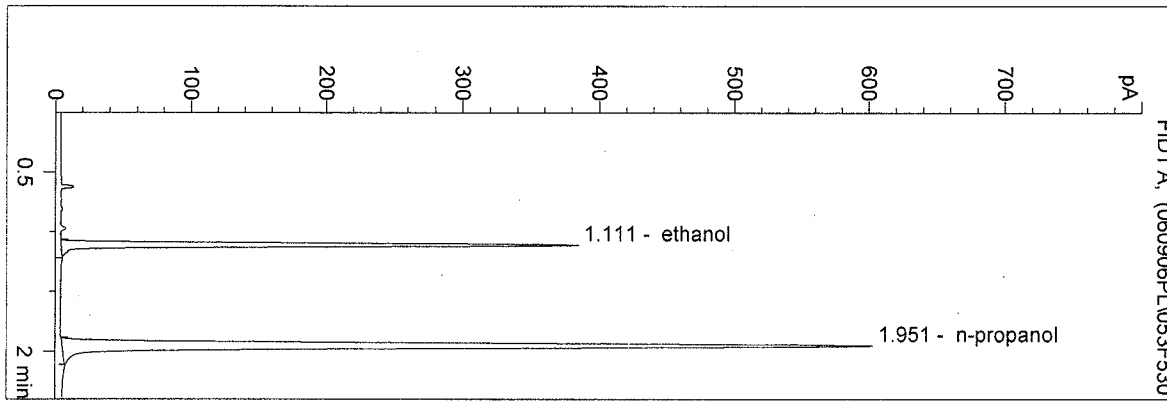


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/6/2006 12:45:46 PM
 Instrument 5
 DB-ALC2

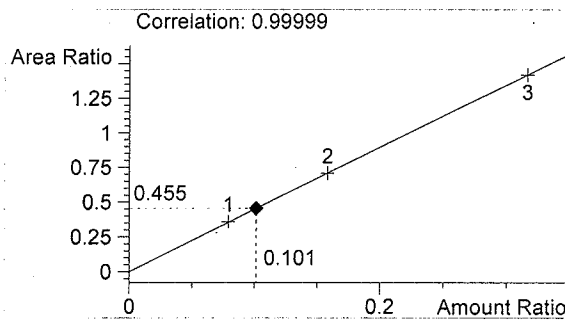
0.10 CTL
 P LONG

vial # 53

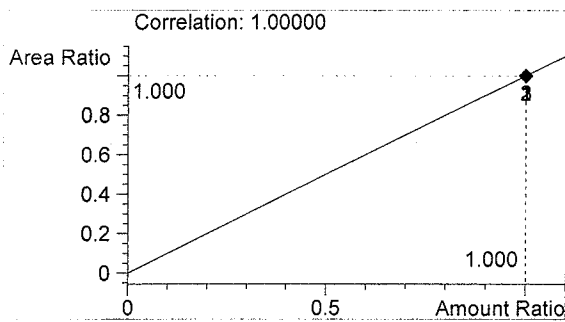


#	Compound	Area	RT
1	ethanol	809	1.111
2	n-propanol	1779	1.951

Totals:



ethanol 0.101 g/100ml

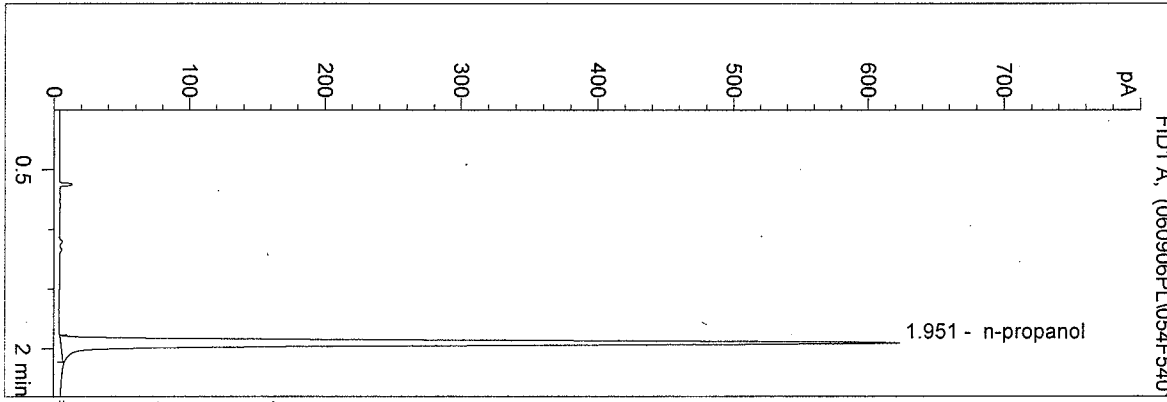


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/6/2006 12:49:10 PM
 Instrument 5
 DB-ALC2

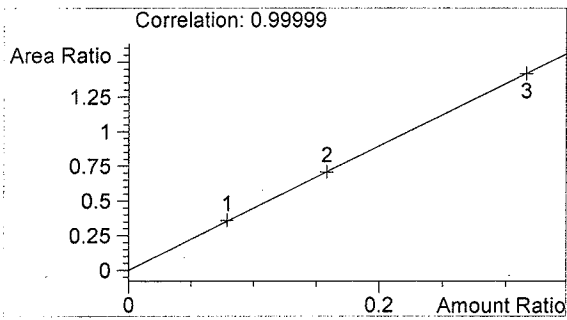
BLANK
 P LONG

vial # 54

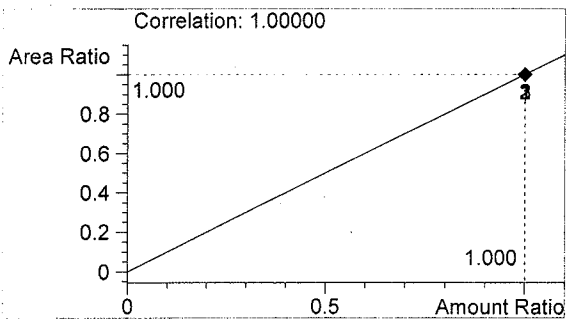


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1840	1.951

Totals:



ethanol 0.000 g/100ml

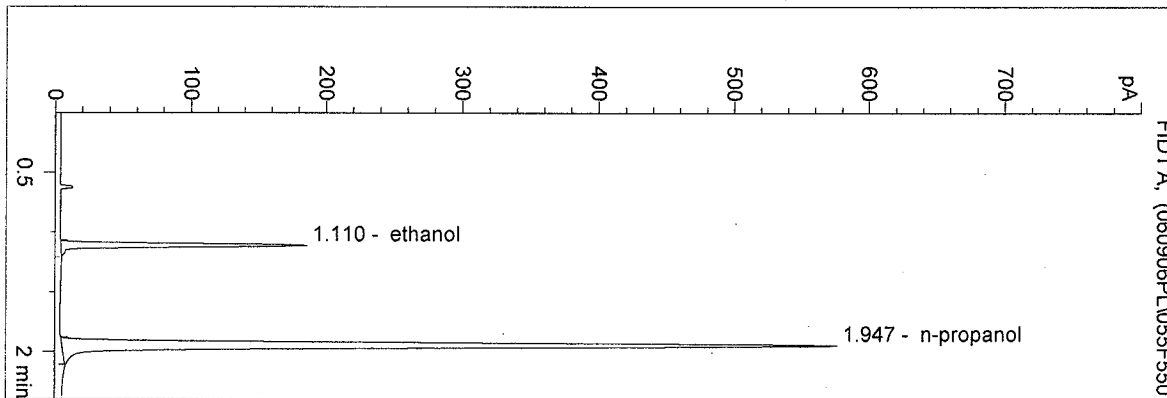


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/6/2006 12:52:48 PM
 Instrument 5
 DB-ALC2

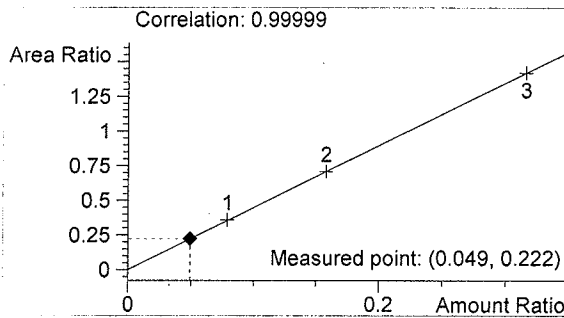
QA 06032-1
 P LONG

vial # 55

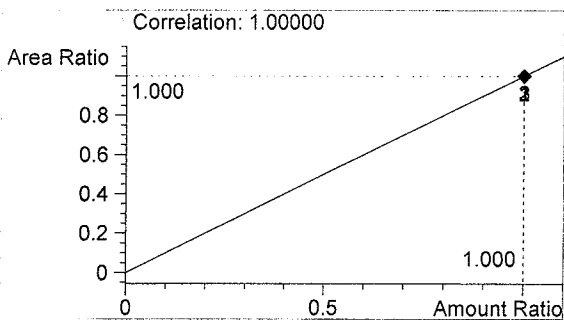


#	Compound	Area	RT
1	ethanol	376	1.110
2	n-propanol	1697	1.947

Totals:



ethanol 0.049 g/100ml

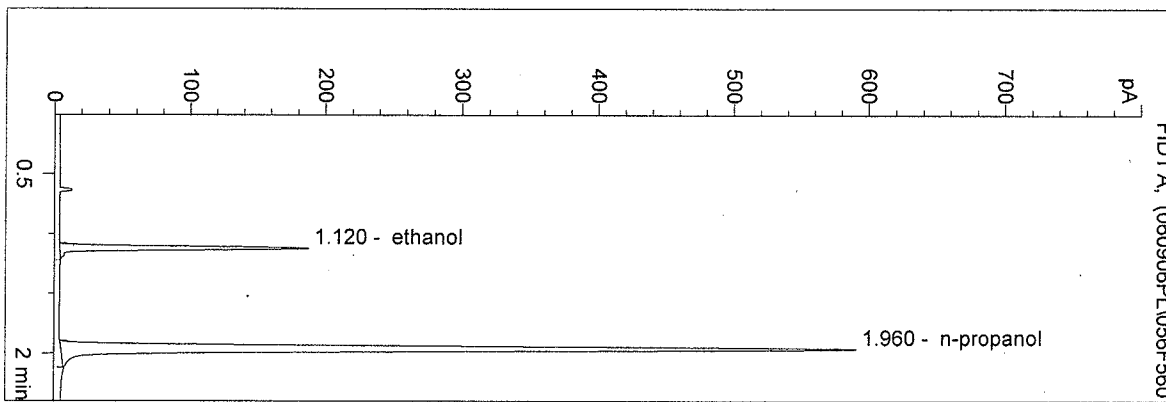


n-propanol 1.000 g/100ml

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 9/6/2006 12:57:44 PM
 Instrument 5
 DB-ALC2

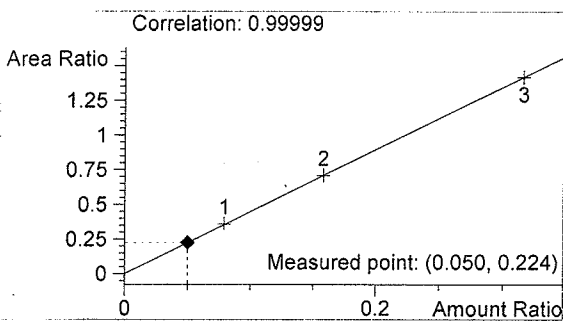
QA 06032-2
 P LONG

vial # 56

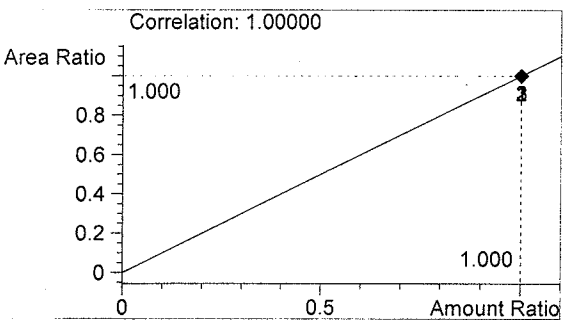


#	Compound	Area	RT
1	ethanol	391	1.120
2	n-propanol	1744	1.960

Totals:



ethanol 0.050 g/100ml

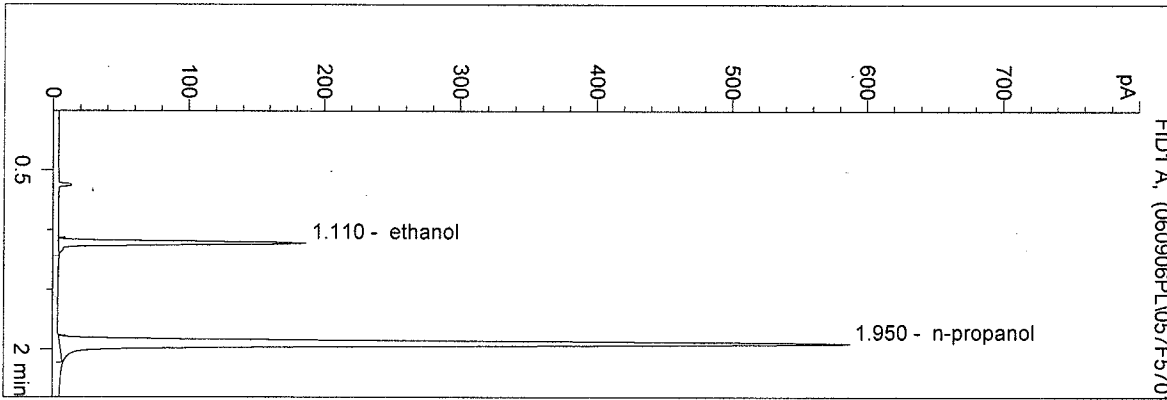


n-propanol 1.000 g/100ml

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 9/6/2006 1:01:16 PM
 Instrument 5
 DB-ALC2

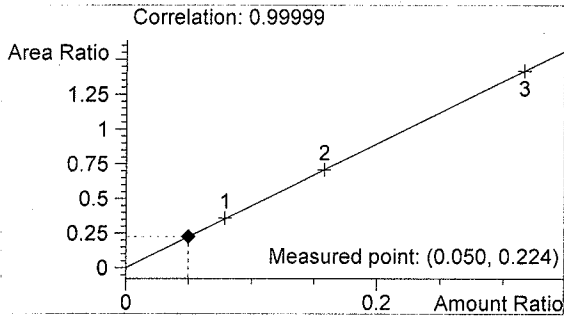
QA 06032-3
 P LONG

vial # 57

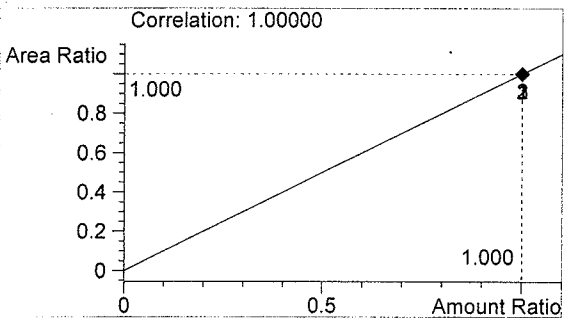


#	Compound	Area	RT
1	ethanol	388	1.110
2	n-propanol	1734	1.950

Totals:



ethanol 0.050 g/100ml

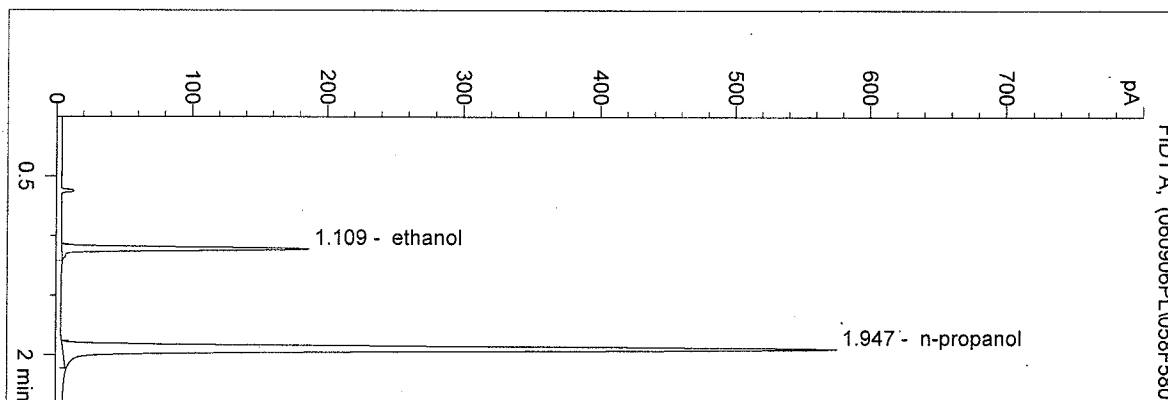


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/6/2006 1:04:48 PM
 Instrument 5
 DB-ALC2

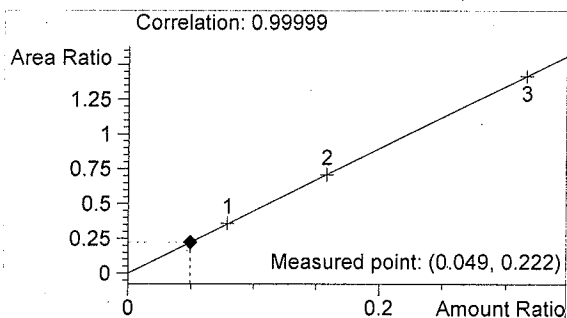
QA 06032-4
 P LONG

vial # 58

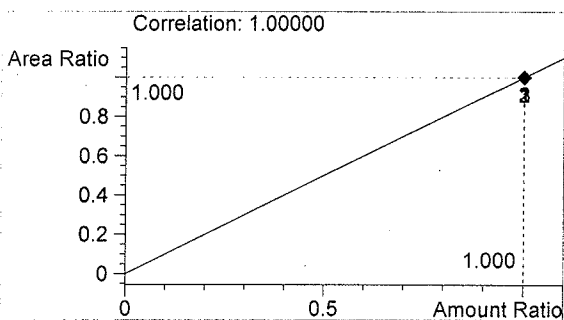


#	Compound	Area	RT
1	ethanol	377	1.109
2	n-propanol	1699	1.947

Totals:



ethanol 0.049 g/100ml



n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M

9/6/2006 1:09:39 PM

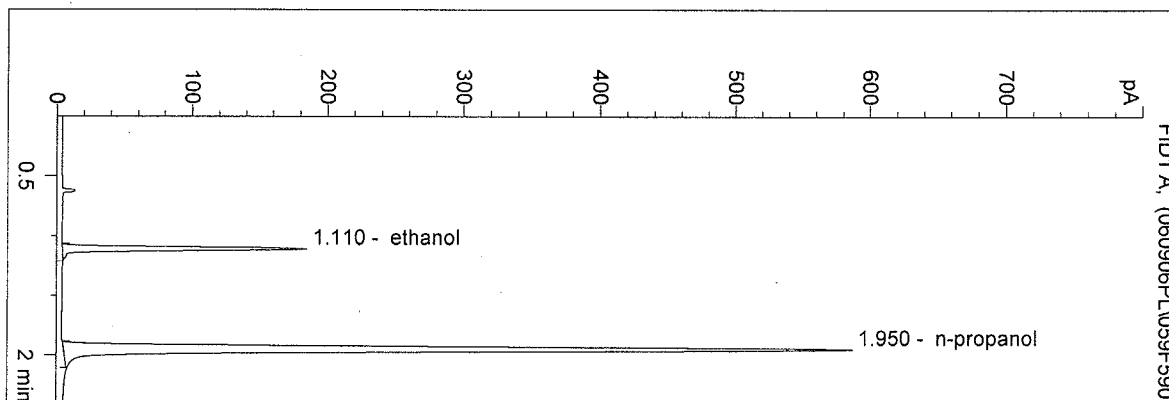
Instrument 5

DB-ALC2

QA 06032-5

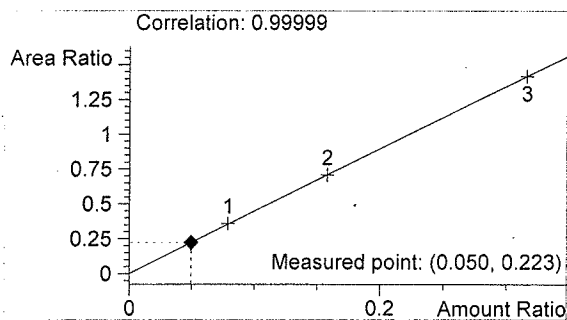
P LONG

vial # 59

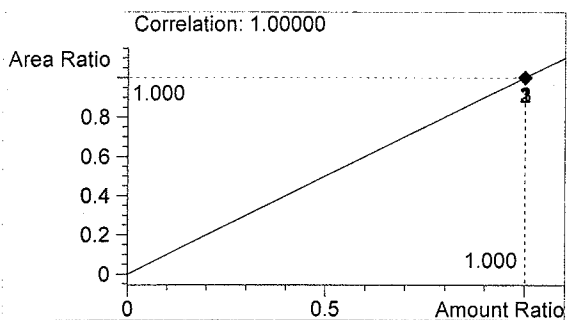


#	Compound	Area	RT
1	ethanol	386	1.110
2	n-propanol	1728	1.950

Totals:



ethanol 0.050 g/100ml



n-propanol 1.000 g/100ml