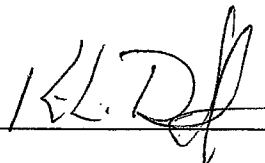


Notice of Simulator Solution File Review

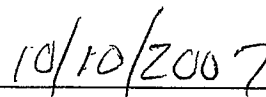
At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution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

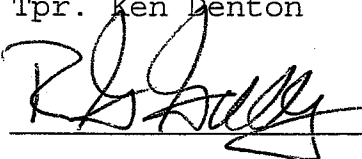
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.



Tpr. Ken Denton



Date



Rod G. Gullberg



Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON/ROD GULBERG Date 10-5-07
Location TOX LAB SEATTLE Batch Number 06004

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: 10-5-07
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 **06004** Date: 1/27/2006
 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	0.099	0.098	0.098													
2	0.099	0.100	0.098													
3	0.099	0.100	0.098													
4	0.099	0.100	0.098													
5	0.101	0.100	0.099													
Ctrl	0.101	0.101	0.098													

External Control:

Lot #: a035928-20 Exp date: 07/09
 Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0991 g/100 mL
 SD: 0.00096
 Range (3xSD): 0.0962 to 0.1020
 Precision CV (%): 0.9699 %

Equivalent vapor concent.: 0.0806 g/210L

Analyst	Name	Signature	Date
1	Christopher S Johnston	<i>Christopher S Johnston</i>	01/30/2006
2	Naziha Nuwayhid, PhD	<i>Naziha Nuwayhid</i>	02/01/2006
3	Melissa Pemberton	<i>Melissa Pemberton</i>	02/02/2006
4			
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14			
15			
16			

Prepared by: Christopher S Johnston 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

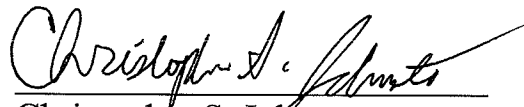
I, Christopher S. Johnston, do certify under penalty of perjury as follows:

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 Biochemistry.

The quality assurance solution, Lot Number 06004, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0991 grams per 100ml.

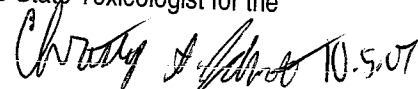
Dated: 2/13/2006
Seattle, WA



Christopher S. Johnston
Forensic Toxicologist

CSJ/lc
CJQA

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



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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

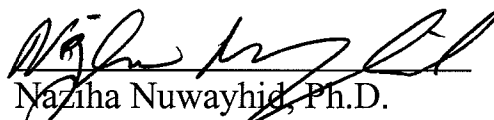
I, Naziha Nuwayhid, do certify under penalty of perjury as follows:

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 five years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

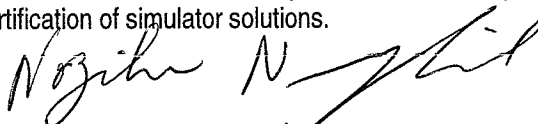
The quality assurance solution, Lot Number 06004, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0991 grams per 100ml.

Dated: 2/13/06
Seattle, WA


Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/lc
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.


10/5/07





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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

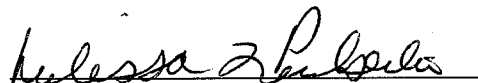
I, Melissa L. Pemberton, do certify under penalty of perjury that:

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 testing instrument.

I possess the following qualifications: Bachelors degree in Microbiology and over fifteen years of experience as a forensic toxicologist.

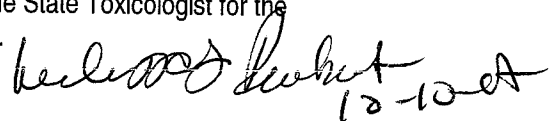
The quality assurance solution, Lot Number 06004 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0991 grams per 100ml.

Dated: 2/13/2006
Seattle, WA


Melissa L. Pemberton
Forensic Toxicologist

MLP/lc
MPQA

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.

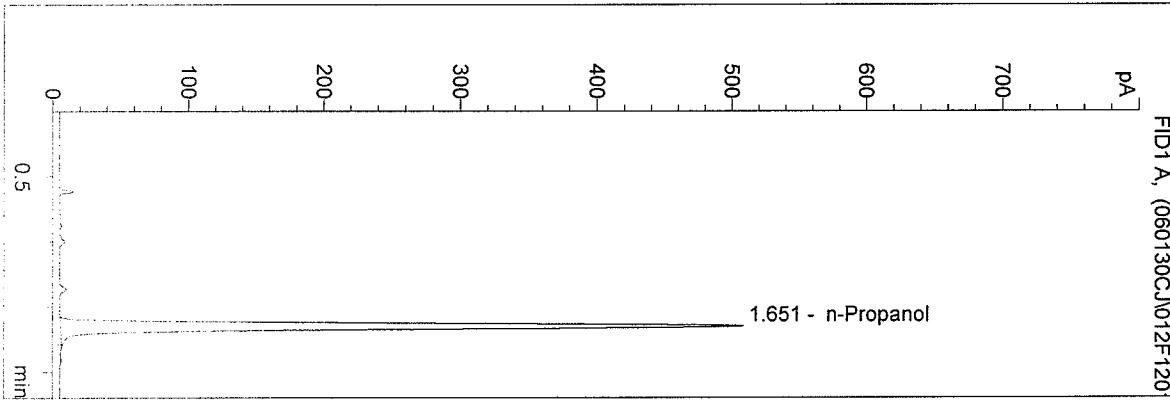

12-10-06



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 1/30/2006 7:09:26 PM
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 DB-ALC1

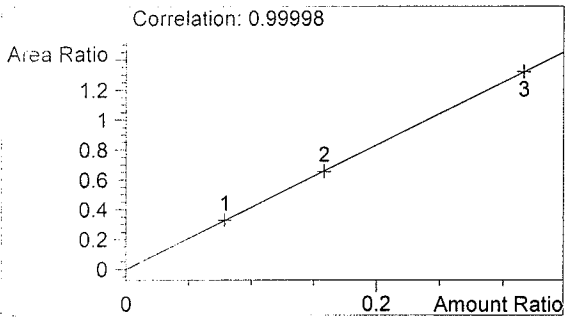
BLANK
 Chris Johnston

vial # 12

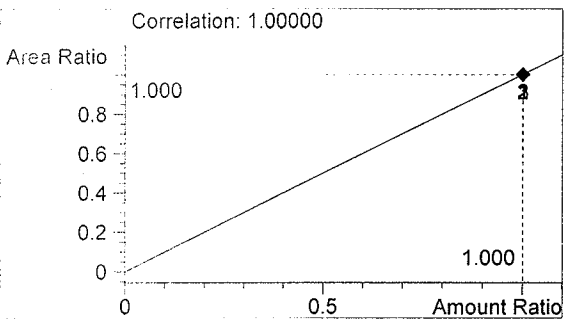


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1592	1.651

Totals:



Ethanol 0.000 g/100ml

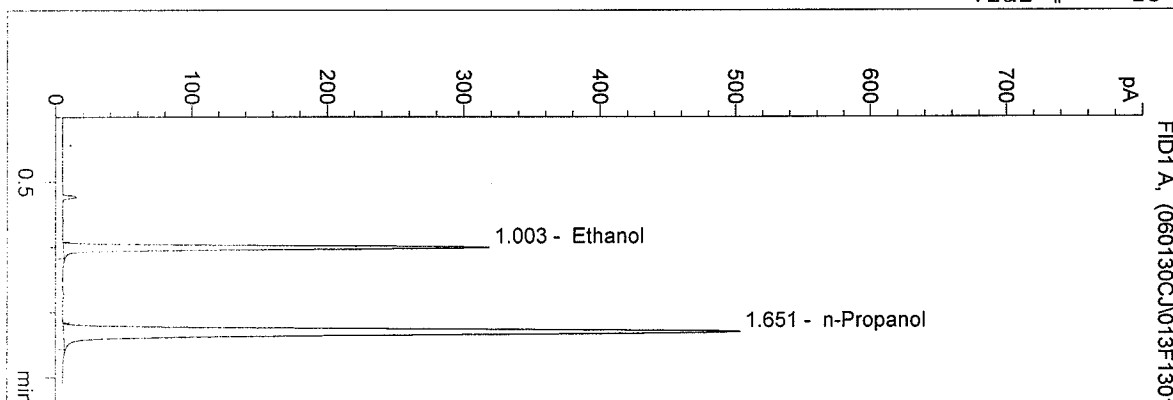


n-Propanol 1.000 g/100ml

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 1/30/2006 7:12:38 PM
 Instrument 4
 DB-ALC1

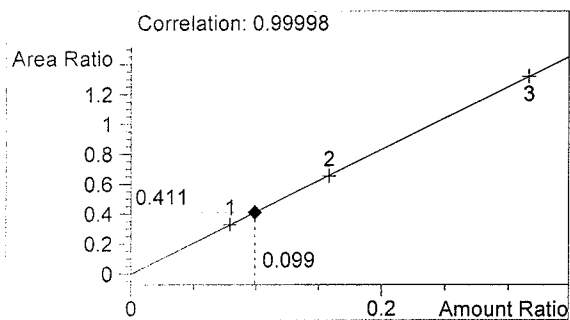
QA 6004
 Chris Johnston

vial # 13

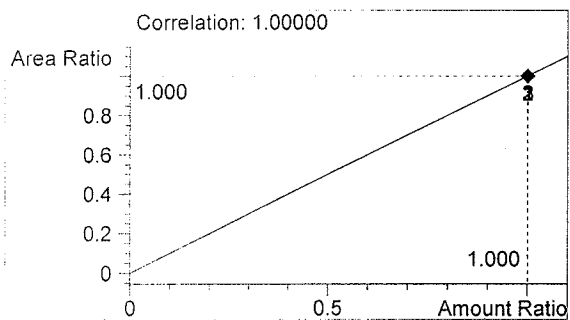


#	Compound	Area	RT
1	Ethanol	646	1.003
2	n-Propanol	1573	1.651

Totals:



Ethanol 0.099 g/100ml

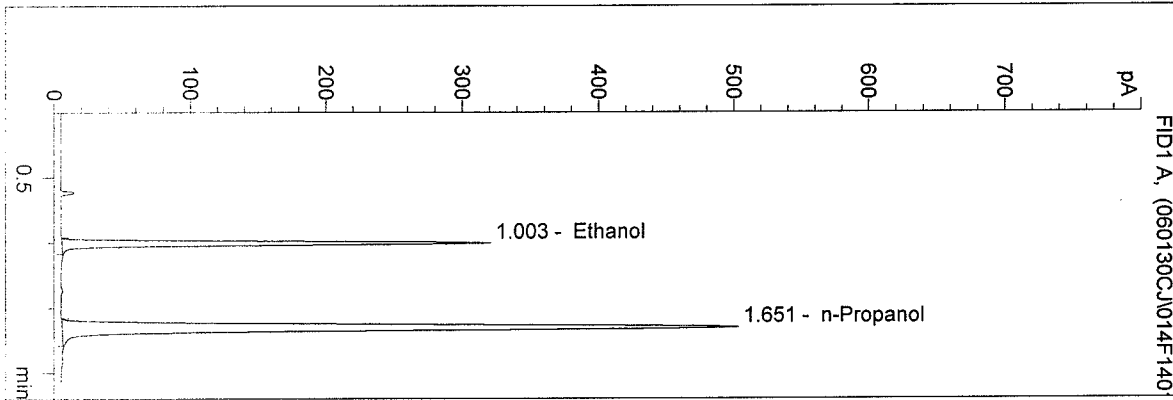


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/30/2006 7:18:09 PM
 Instrument 4
 DB-ALC1

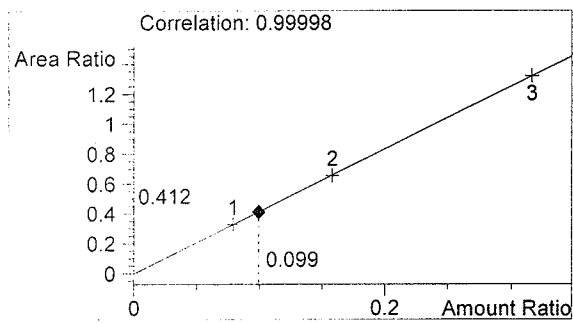
QA 6004
 Chris Johnston

vial # 14

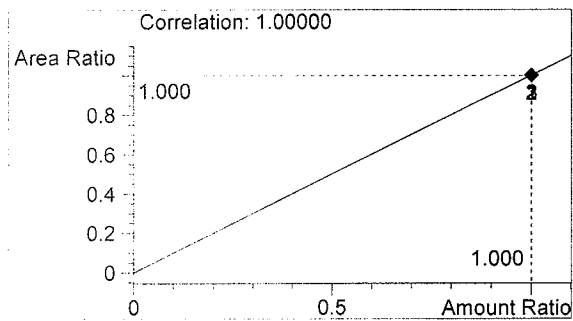


#	Compound	Area	RT
1	Ethanol	649	1.003
2	n-Propanol	1575	1.651

Totals:



Ethanol 0.099 g/100ml

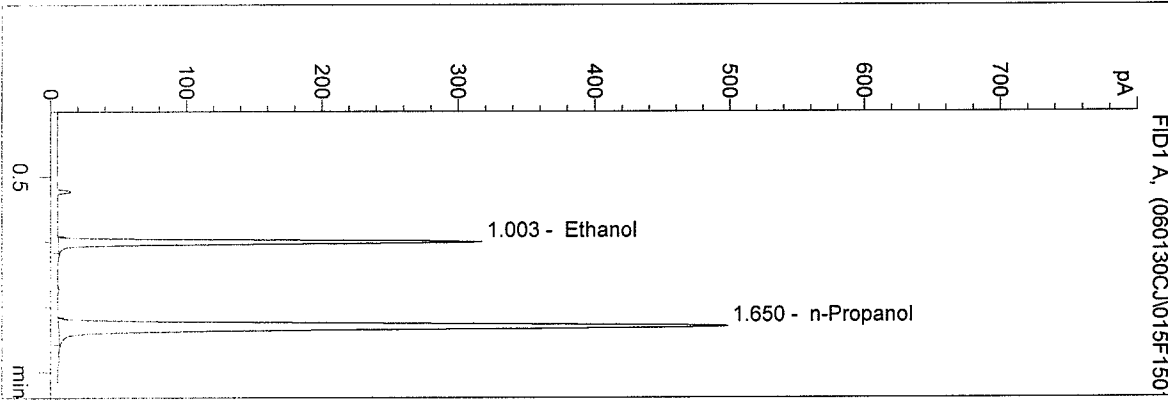


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/30/2006 7:22:05 PM
 Instrument 4
 D3-ALC1

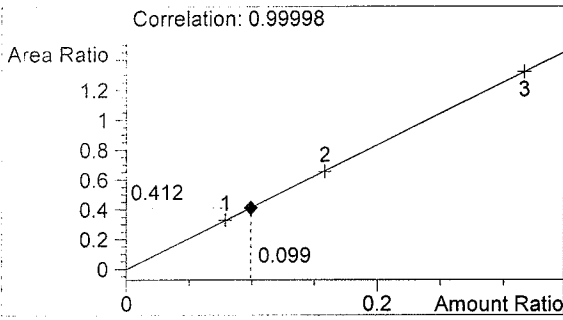
QA 6004
 Chris Johnston

vial # 15

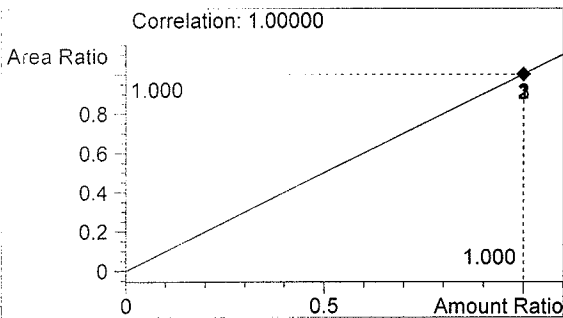


#	Compound	Area	RT
1	Ethanol	642	1.003
2	n-Propanol	1559	1.650

Totals:



Ethanol 0.099 g/100ml

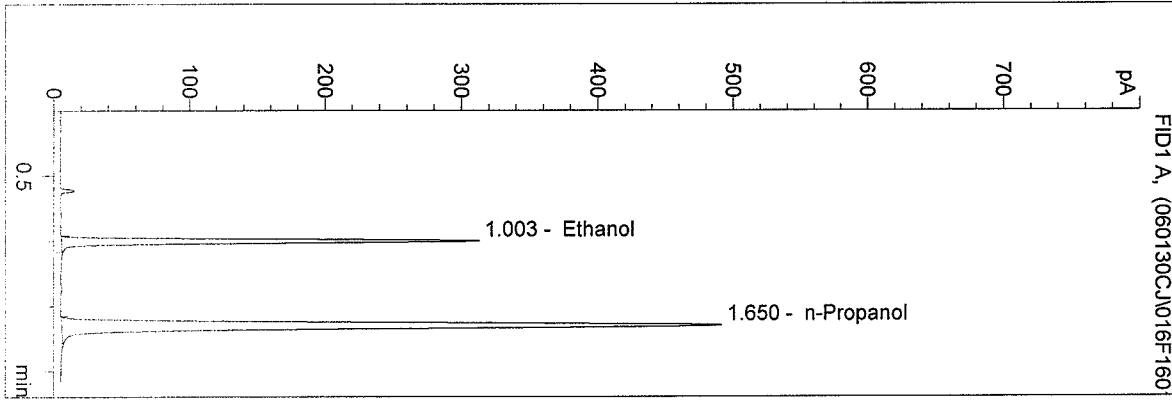


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/30/2006 7:25:20 PM
 Instrument 4
 DB-ALC1

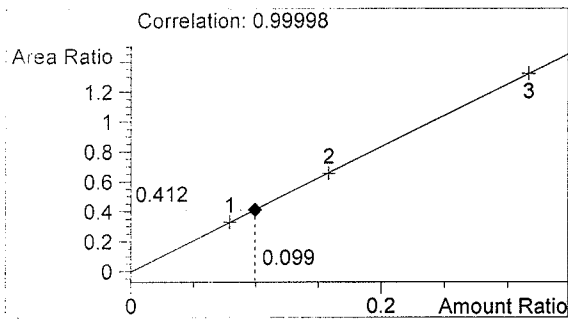
QA 6004
 Chris Johnston

vial # 16

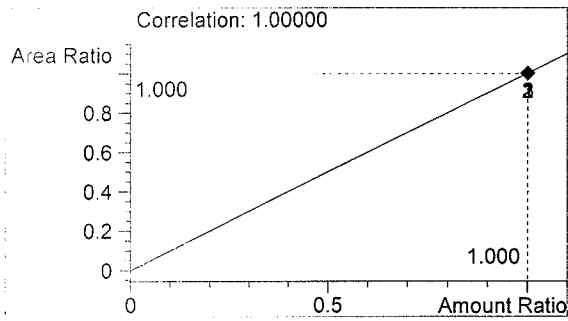


#	Compound	Area	RT
1	Ethanol	633	1.003
2	n-Propanol	1536	1.650

Totals:



Ethanol 0.099 g/100ml

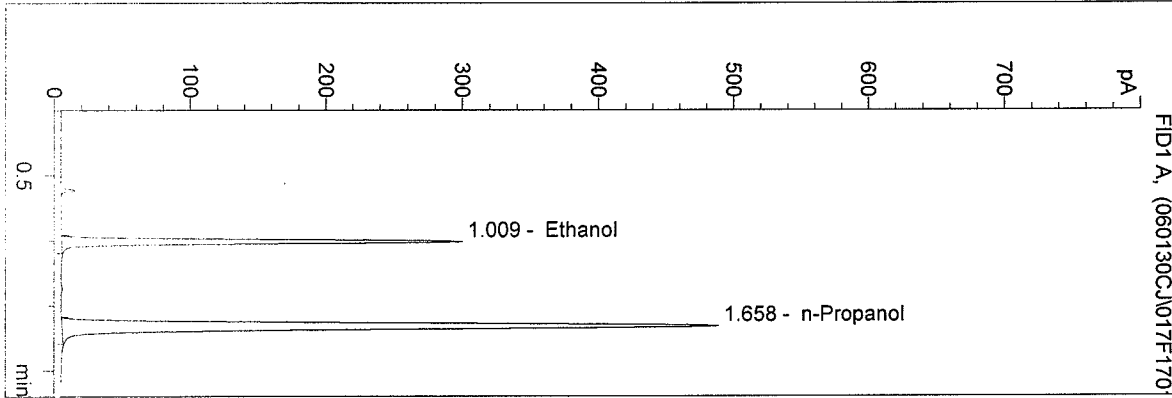


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/30/2006 7:28:35 PM
 Instrument 4
 DB-ALC1

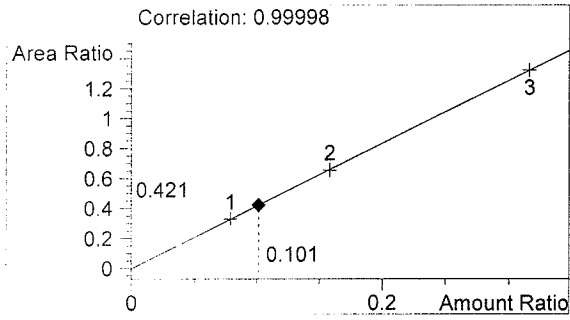
QA 6004
 Chris Johnston

vial # 17

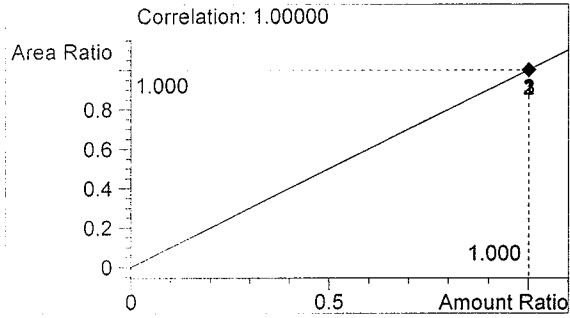


#	Compound	Area	RT
1	Ethanol	660	1.009
2	n-Propanol	1567	1.658

Totals:



Ethanol 0.101 g/100ml

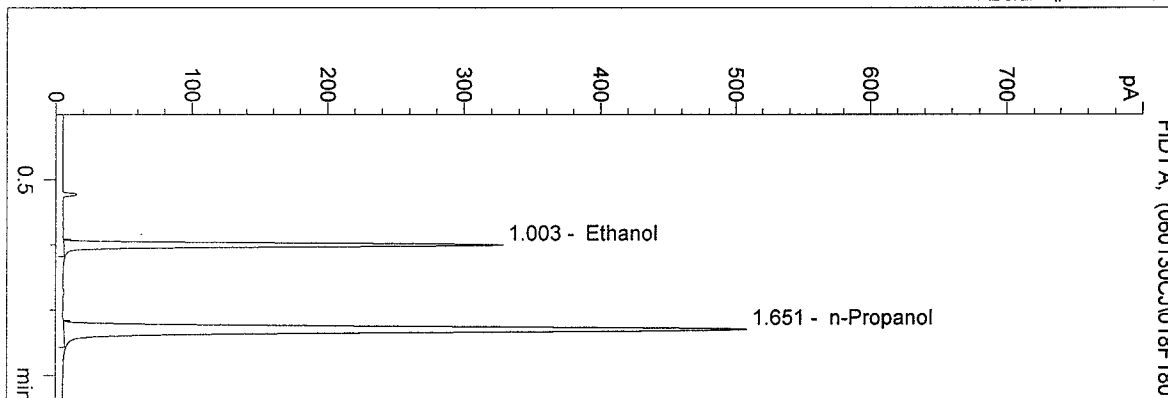


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/30/2006 7:31:50 PM
 Instrument 4
 DB-ALC1

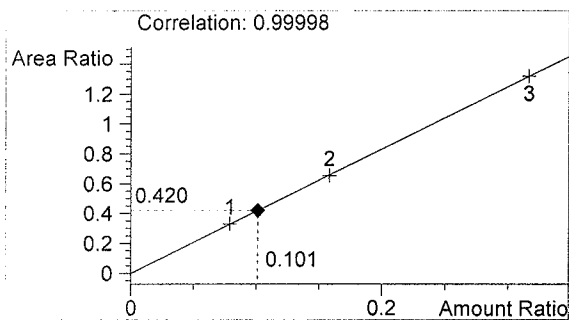
0.10 CONTROL-CJ
 Chris Johnston

vial # 18

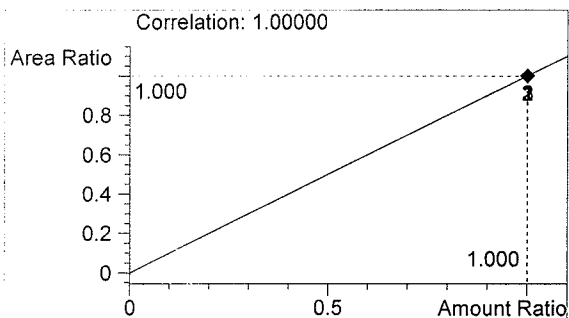


#	Compound	Area	RT
1	Ethanol	667	1.003
2	n-Propanol	1590	1.651

Totals:



Ethanol 0.101 g/100ml

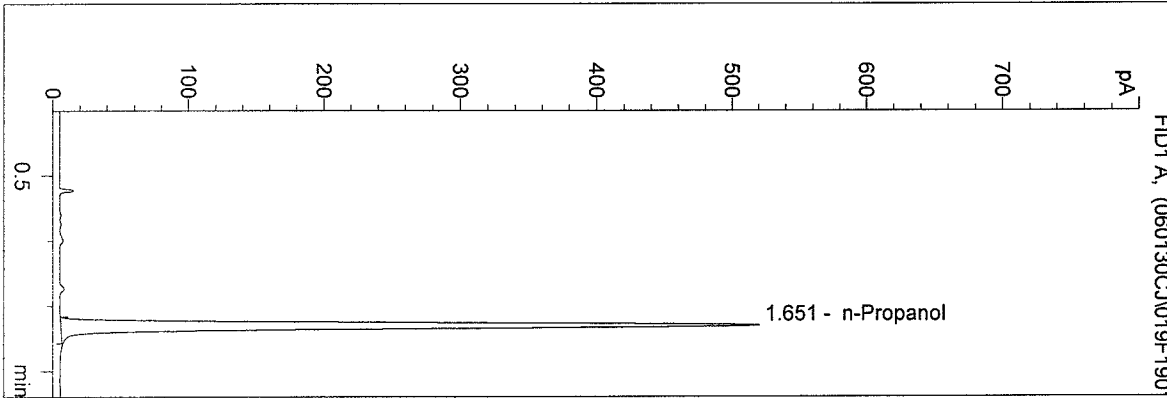


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/30/2006 7:35:00 PM
 Instrument 4
 DB-ALC1

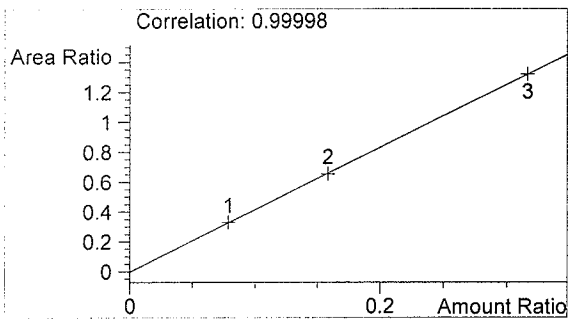
BLANK
 Chris Johnston

vial # 19

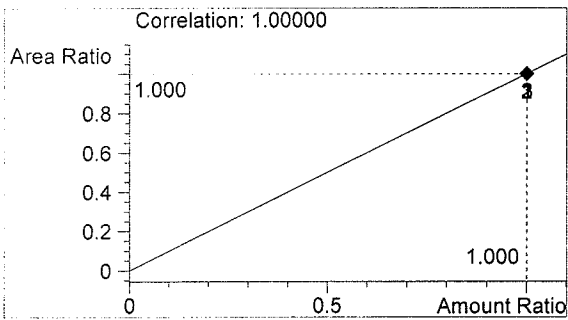


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1629	1.651

Totals:



Ethanol 0.000 g/100ml

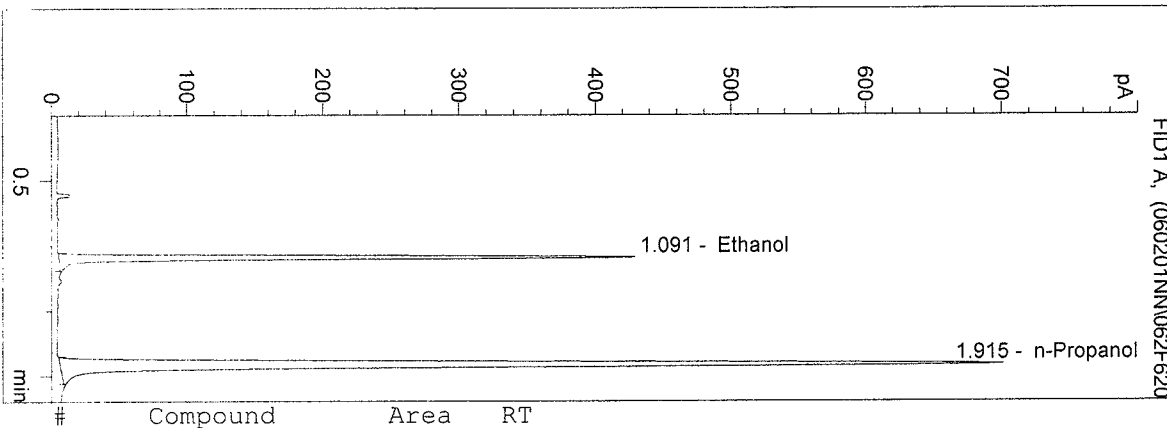


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/1/2006 1:39:55 PM
 Instrument 5
 DB-ALC2

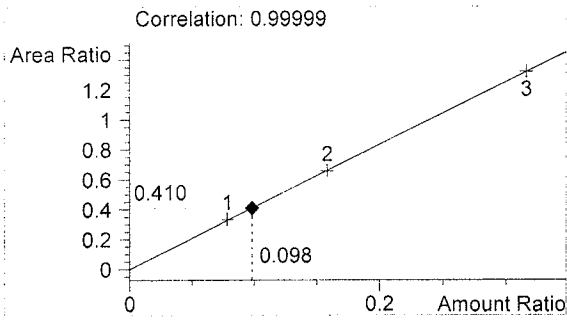
06004 QA-1
 N Nuwayhid, PhD

vial # 62

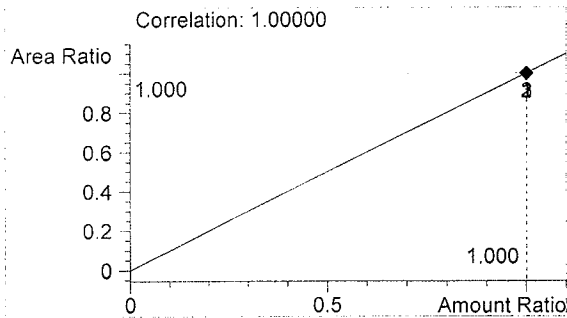


#	Compound	Area	RT
1	Ethanol	838	1.091
2	n-Propanol	2044	1.915

Totals:



Ethanol 0.098 g/100ml

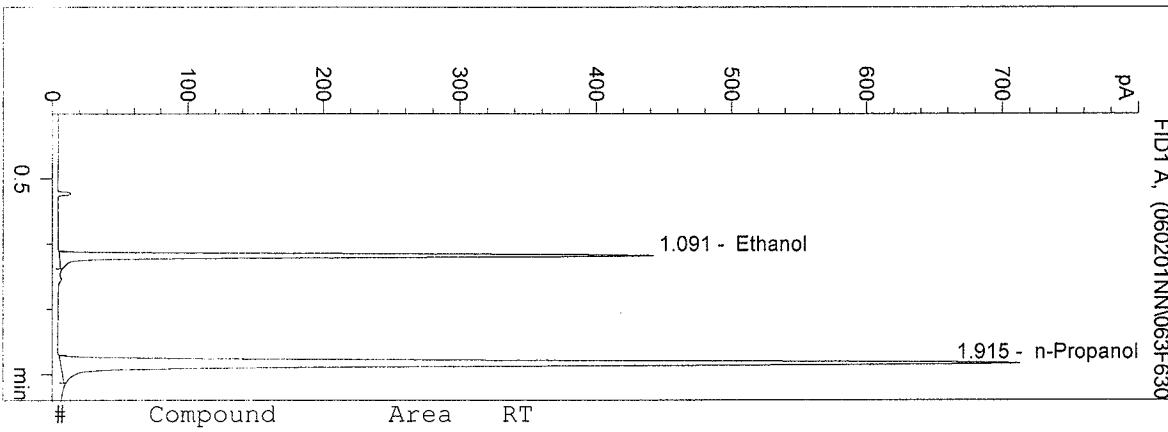


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/1/2006 1:43:12 PM
 Instrument 5
 DB-ALC2

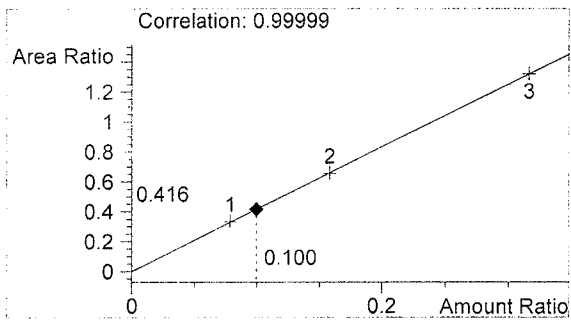
06004 QA-2
 N Nuwayhid, PhD

vial # 63

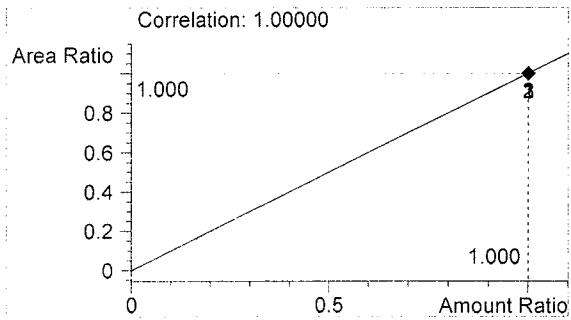


#	Compound	Area	RT
1	Ethanol	864	1.091
2	n-Propanol	2077	1.915

Totals:



Ethanol 0.100 g/100ml

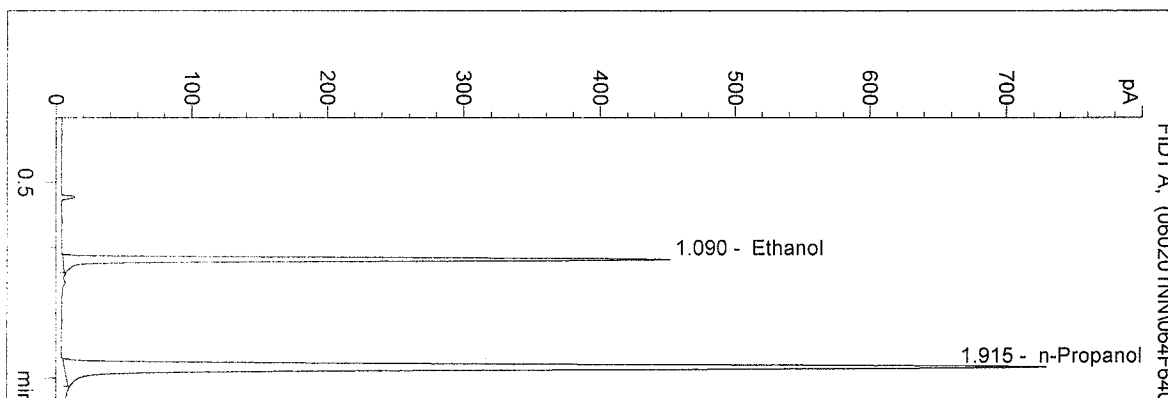


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/1/2006 1:46:27 PM
 Instrument 5
 DB-ALC2

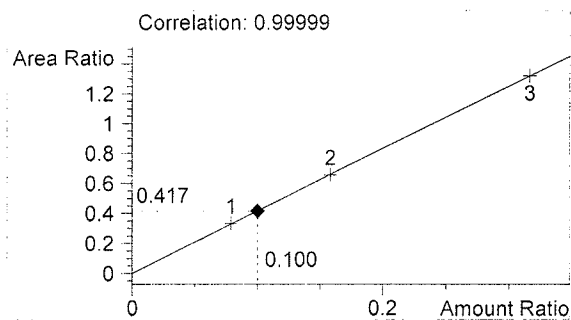
06004 QA-3
 N Nuwayhid, PhD

vial # 64

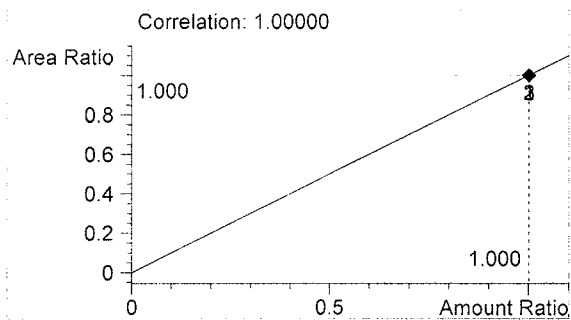


#	Compound	Area	RT
1	Ethanol	884	1.090
2	n-Propanol	2120	1.915

Totals:



Ethanol 0.100 g/100ml

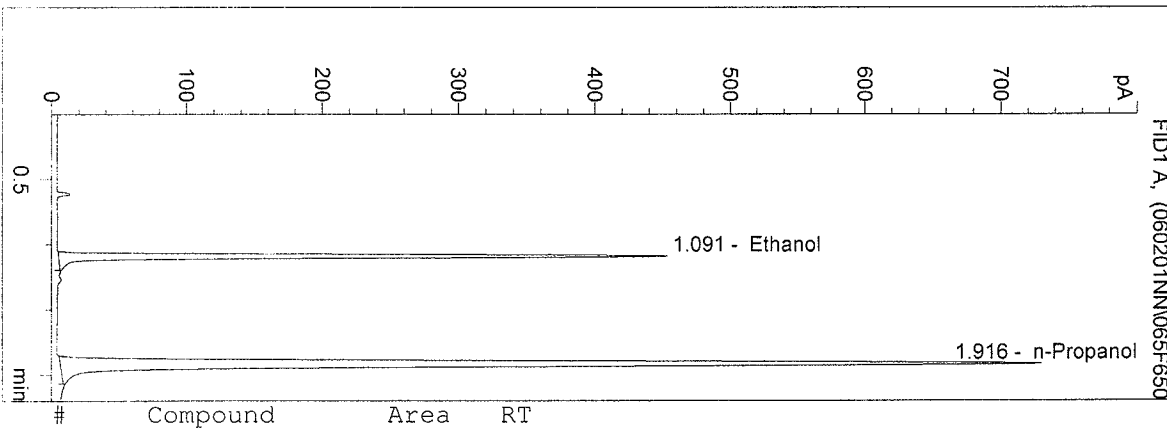


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/1/2006 1:49:42 PM
 Instrument 5
 DB-ALC2

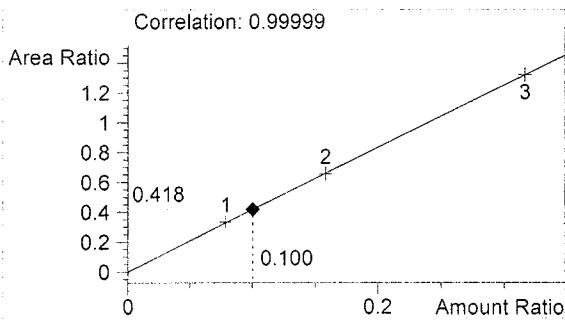
06004 QA-4
 N Nuwayhid, PhD

vial # 65

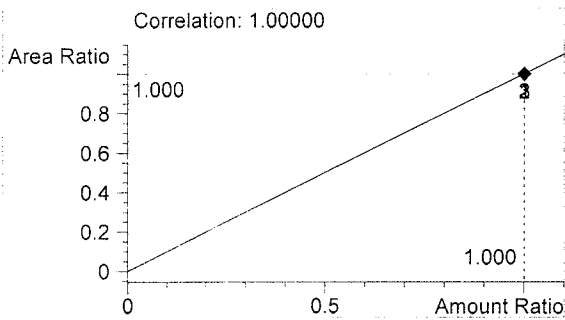


#	Compound	Area	RT
1	Ethanol	889	1.091
2	n-Propanol	2126	1.916

Totals:



Ethanol 0.100 g/100ml

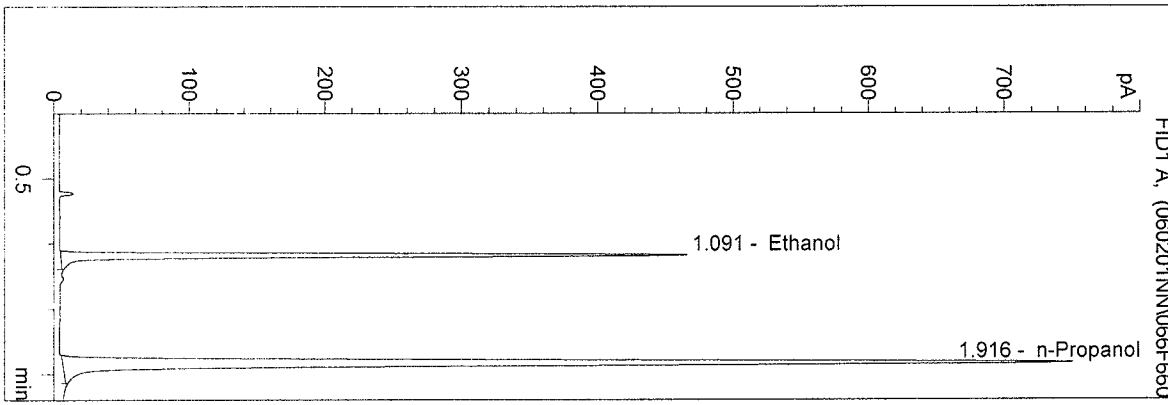


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 2/1/2006 1:52:55 PM
 Instrument 5
 DB-ALC2

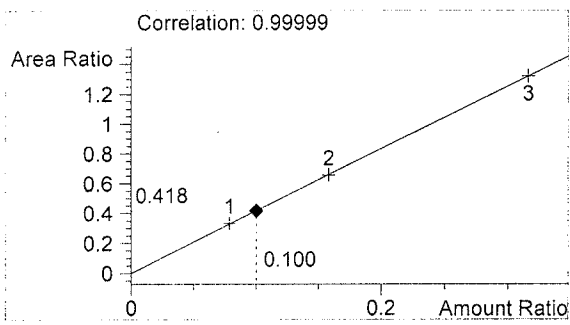
06004 QA-5
 N Nuwayhid, PhD

vial # 66

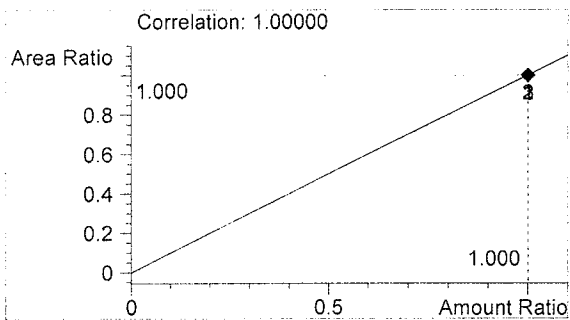


#	Compound	Area	RT
1	Ethanol	913	1.091
2	n-Propanol	2186	1.916

Totals:



Ethanol 0.100 g/100ml

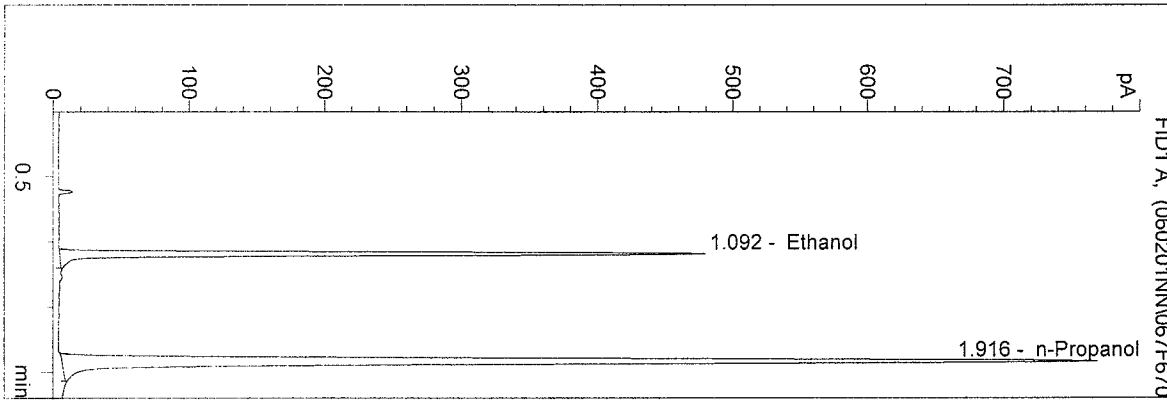


n-Propanol 1.000 g/100ml

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 2/1/2006 1:56:09 PM
 Instrument 5
 DB-ALC2

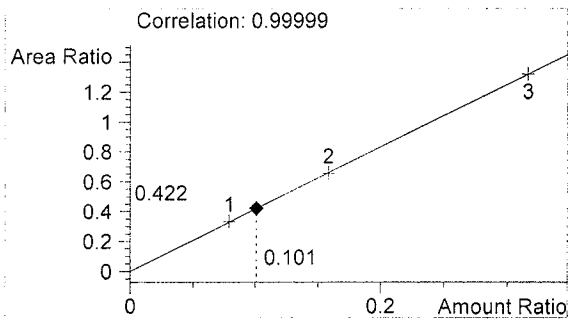
0.100 CTL-NN
 N Nuwayhid, PhD

vial # 67

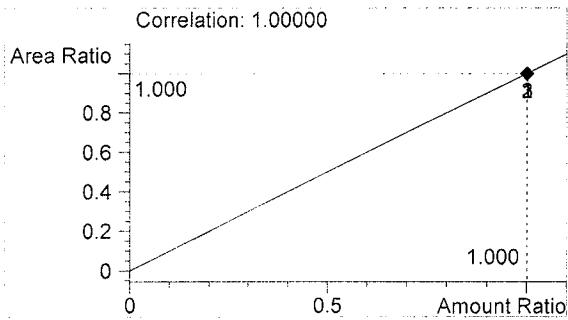


#	Compound	Area	RT
1	Ethanol	945	1.092
2	n-Propanol	2240	1.916

Totals:



Ethanol 0.101 g/100ml

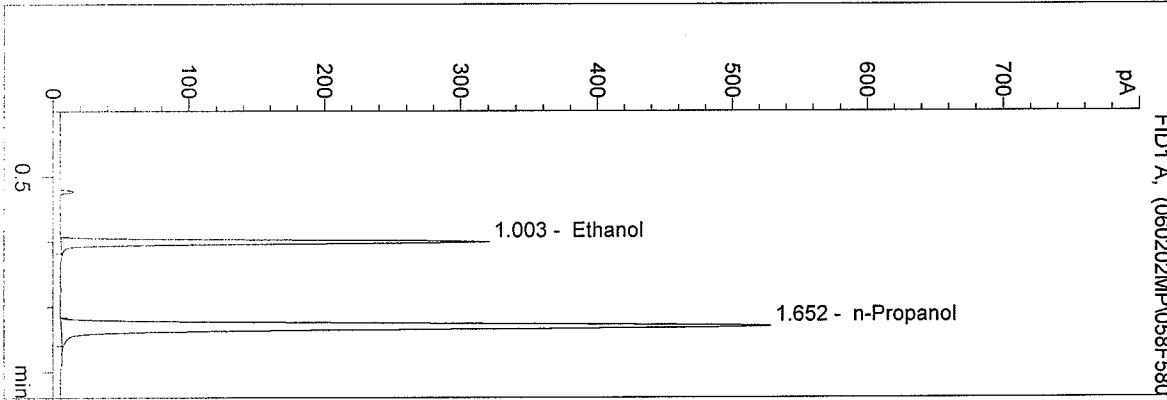


n-Propanol 1.000 g/100ml

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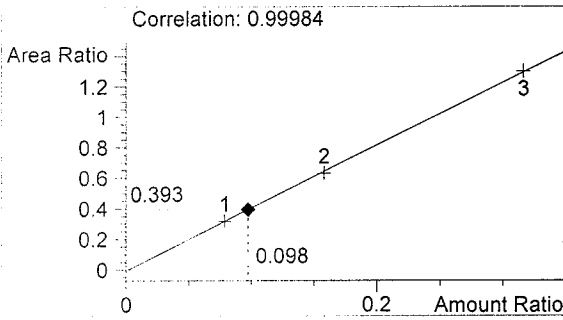
06004 qa
 m pemberton

vial # 58

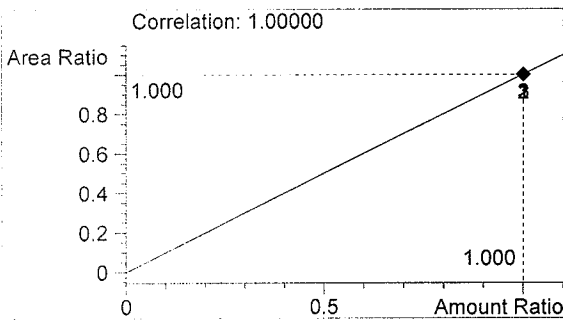


#	Compound	Area	RT
1	Ethanol	652	1.003
2	n-Propanol	1658	1.652

Totals:



Ethanol 0.098 g/100ml

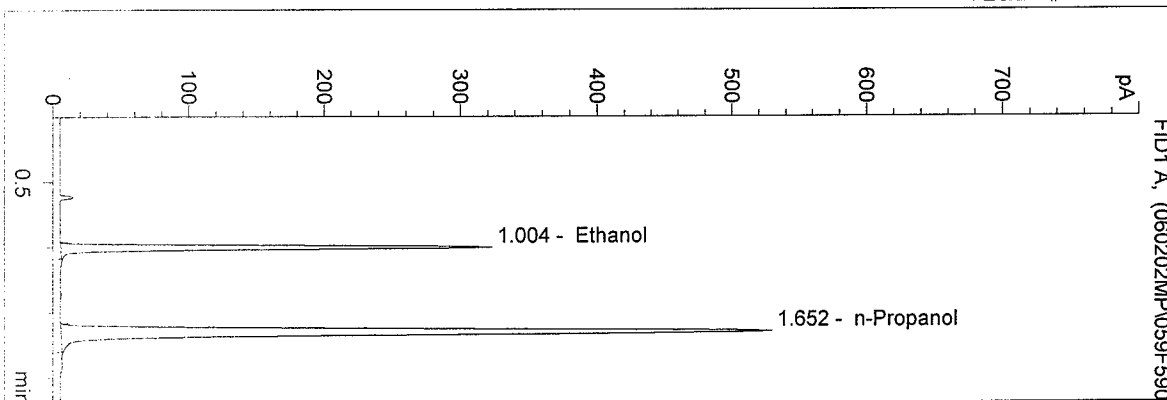


n-Propanol 1.000 g/100ml

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 Instrument 4
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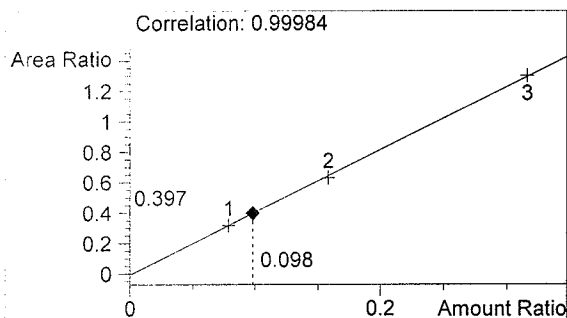
06004 qa
 m pemberton

vial # 59

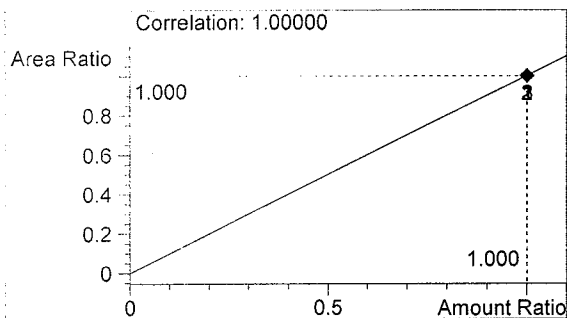


#	Compound	Area	RT
1	Ethanol	660	1.004
2	n-Propanol	1663	1.652

Totals:



Ethanol 0.098 g/100ml

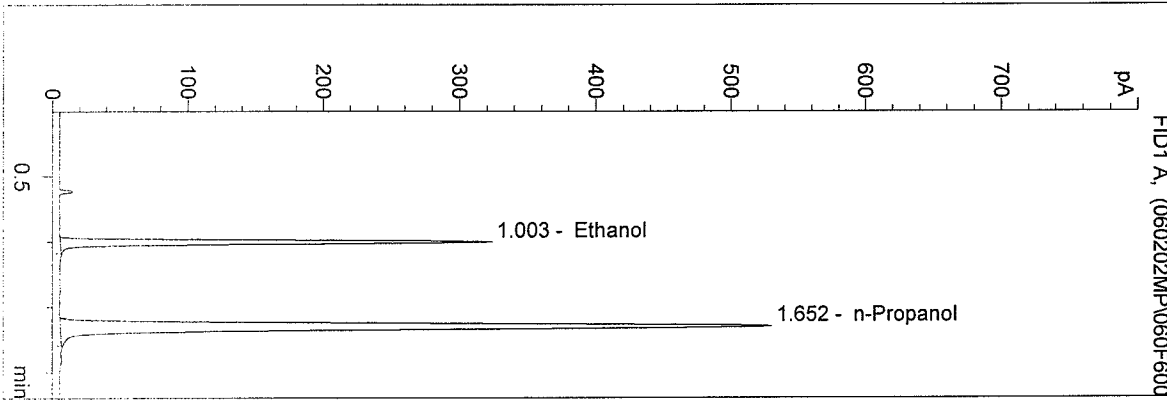


n-Propanol 1.000 g/100ml

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 Instrument 4
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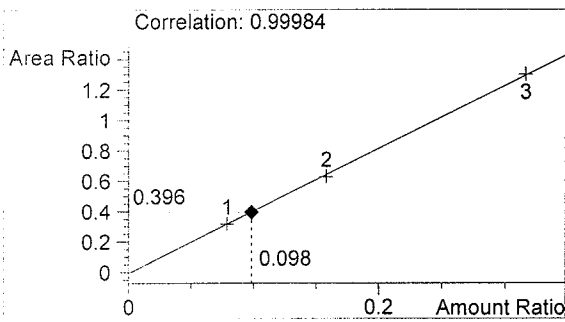
06004 qa
 m pemberton

vial # 60

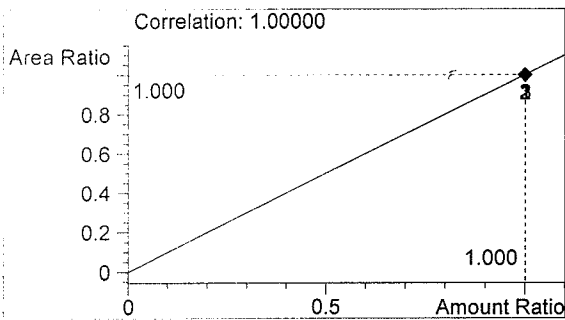


#	Compound	Area	RT
1	Ethanol	658	1.003
2	n-Propanol	1662	1.652

Totals:



Ethanol 0.098 g/100ml

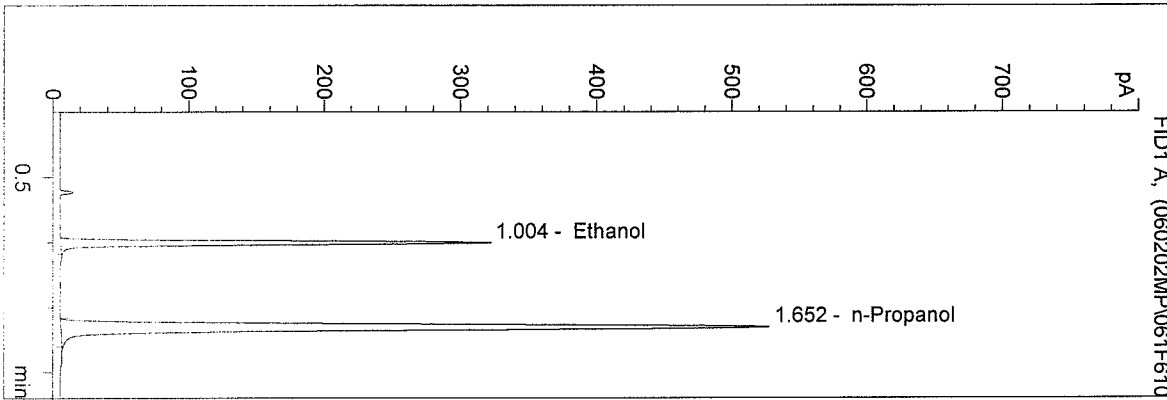


n-Propanol 1.000 g/100ml

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 Instrument 4
 DS-ALC1

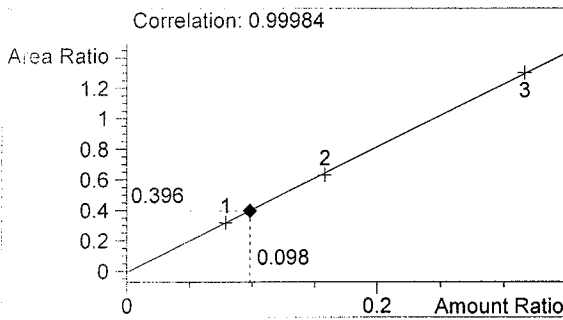
06004 qa
 m pemberton

vial # 61

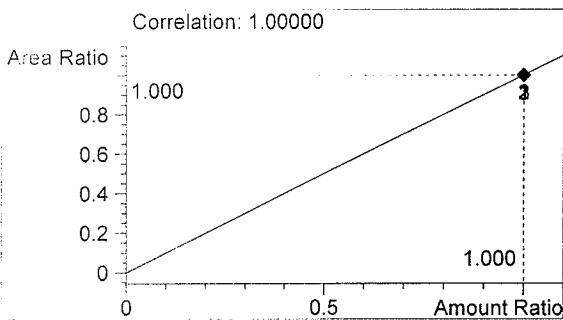


#	Compound	Area	RT
1	Ethanol	656	1.004
2	n-Propanol	1657	1.652

Totals:



Ethanol 0.098 g/100ml

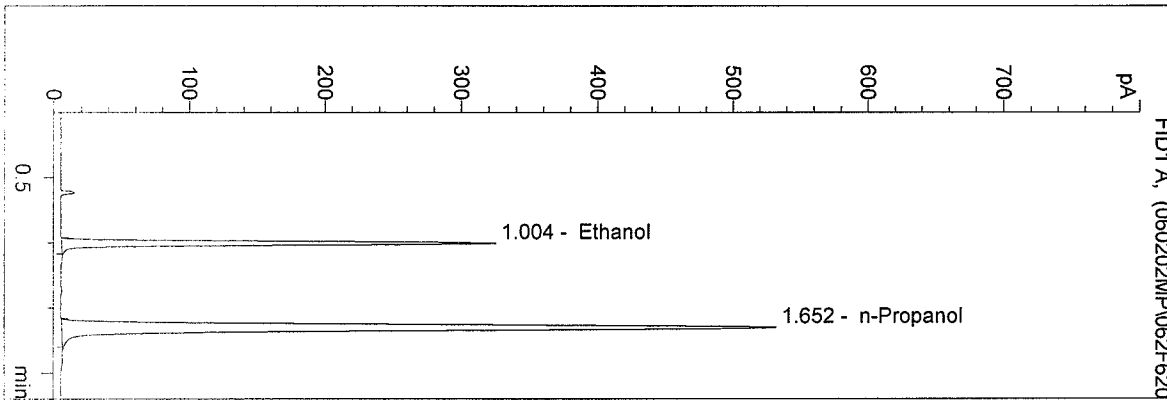


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

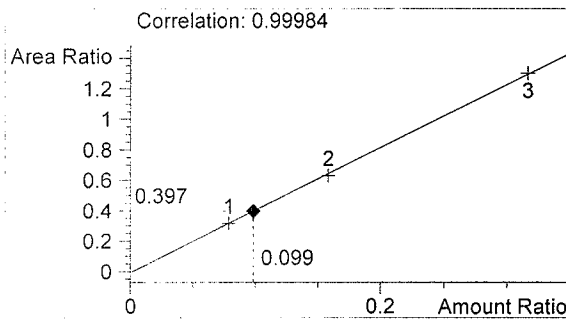
06004 qa
 m pembedon

vial # 62

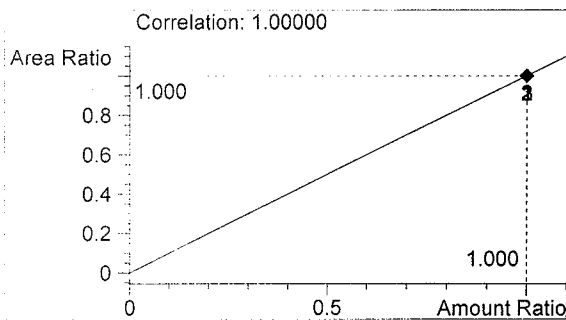


#	Compound	Area	RT
1	Ethanol	664	1.004
2	n-Propanol	1671	1.652

Totals:



Ethanol 0.099 g/100ml

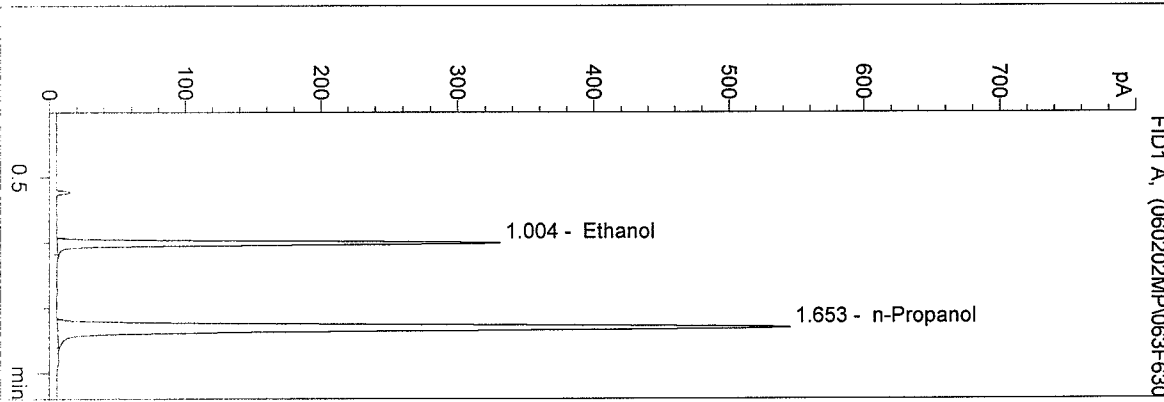


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

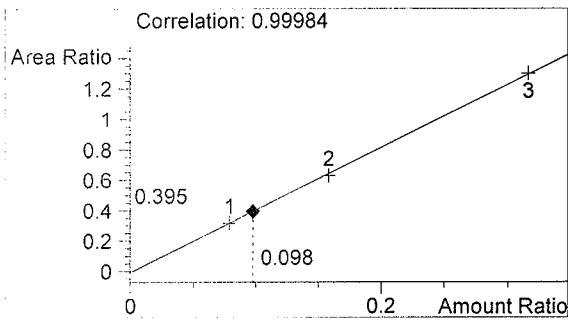
0.10 control
 m pemberton

vial # 63

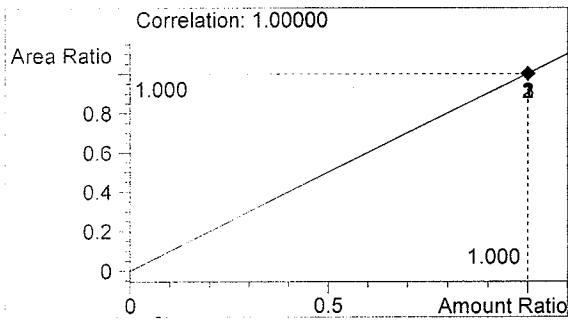


#	Compound	Area	RT
1	Ethanol	676	1.004
2	n-Propanol	1711	1.653

Totals:



Ethanol 0.098 g/100ml

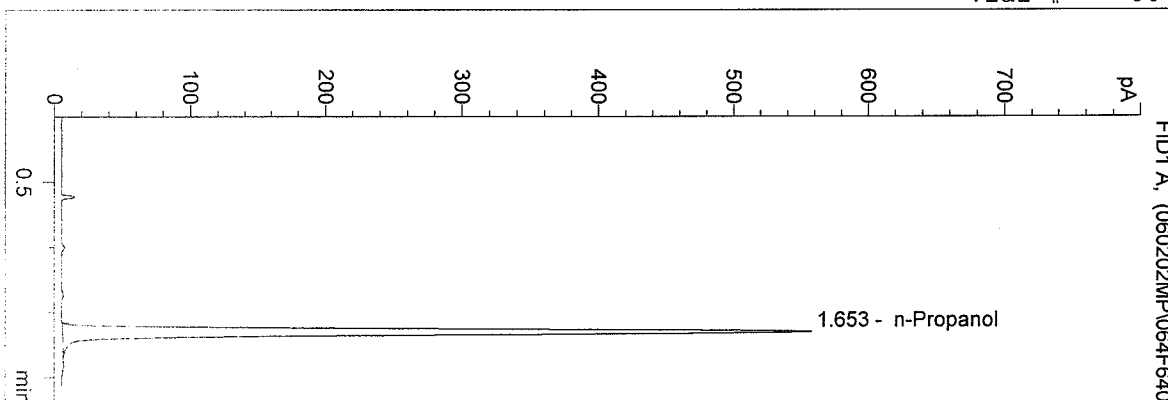


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

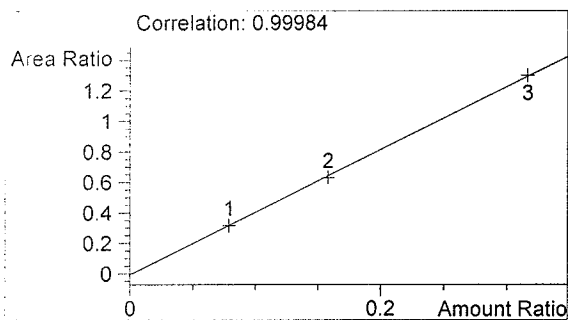
blk
 m pemberton

vial # 64

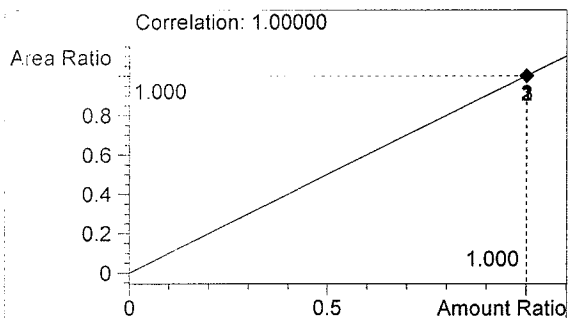


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1755	1.653

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml