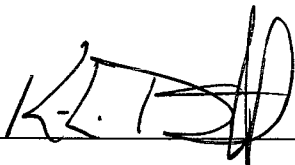


Notice of Simulator Solution File Review

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.

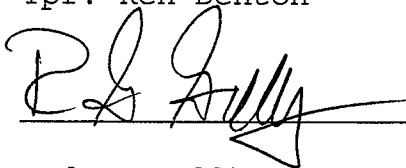
Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear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


_____ 10/8/2007

Tpr. Ken Denton

Date


_____ 10-8-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON/ROD GULLBERG Date 10-1-07
Location T04 LAB SEATTLE Batch Number 06040

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 ___

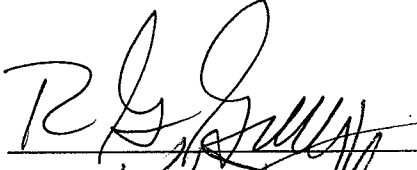
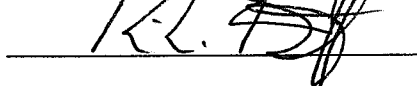
Computations:

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 **06040** Date: 10/4/2006
 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	0.187	0.184	0.185													
2	0.187	0.186	0.188													
3	0.187	0.189	0.187													
4	0.187	0.189	0.186													
5	0.187	0.188	0.188													
Ctrl	0.100	0.101	0.099													

External Control:

Lot #: A041837 Exp date: 04/2010
 Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1870 g/100 mL
 SD: 0.00136
 Range (3xSD): 0.1829 to 0.1911
 Precision CV (%): 0.7288 %

Equivalent vapor concent.: 0.1520 g/210L

<u>Analyst</u>	<u>Name</u>	<u>Signature</u>	<u>Date</u>
1	Brianne Akins	<i>Brianne E. Akins</i>	10/09/2006
2	Christopher S Johnston	<i>Christopher S. Johnston</i>	10/04/2006
3	Sarah M. Swenson	<i>Sarah M. Swenson</i>	10/05/2006
4			
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16			

Prepared by: Brianne Akins according to the approved protocol

WASHINGTON STATE TOXICOLOGY LABORATORY
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 SEATTLE, WASHINGTON 98134-2027
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Preparation and certification of **0.15** g/210L Quality Assurance solution
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5	0.187	0.188	0.188													
Ctrl	0.100	0.101	0.099													

External Control:
 Lot #: _____ Exp date: _____
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.1870 g/100 mL
 SD: 0.00136
 Range (3xSD): 0.1829 to 0.1911
 Precision CV (%): 0.7288 %

Equivalent vapor concent.: 0.1520 g/210L

Analyst	Name	Signature	Date
1	Brianne Akins	<i>Brianne E. Akins</i>	10/09/2006
2	Christopher S Johnston	<i>Chris S Johnston</i>	10/04/2006
3	Sarah M. Swenson	<i>Sarah M Swenson</i>	10/05/2006
4			
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Prepared by: Brianne Akins 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, Brianne E. Akins, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology.

The quality assurance solution, Lot Number 06040, was prepared in the Washington State Toxicology Laboratory on 10/4/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1870 grams per 100ml.

Dated: 10/10/2006
Seattle, WA

Brianne E. Akins

Brianne E. Akins
Forensic Toxicologist

BEA/ks
BAQA

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

Brianne E. Akins 105-07



STATE OF WASHINGTON
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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

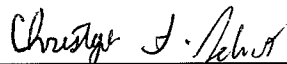
I, Christopher S. Johnston, do certify under penalty of perjury that:

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 Biochemistry.

The quality assurance solution, Lot Number 06040, was prepared in the Washington State Toxicology Laboratory on 10/4/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1870 grams per 100ml.

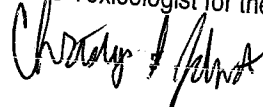
Dated: 10/10/2006
Seattle, WA



Christopher S. Johnston
Forensic Toxicologist

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

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Sarah Swenson, 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 Chemistry and over three years of experience in forensic toxicology.

The quality assurance solution, Lot Number 06040, was prepared in the Washington State Toxicology Laboratory on 10/4/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1870 grams per 100ml.

Dated: 10/10/2006
Seattle, WA

Sarah Swenson
Forensic Toxicologist

SMS/ks
SSQA

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

Sequence Parameters:

Operator: Brianne E. Akins
 Data File Naming: Auto
 Data Directory: D:\HPCHEM\1\DATA\
 Data Subdirectory: 061009B
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none
 Sequence Comment:

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO	1	Sample		
2	Vial 2	0607517 REINJECT	BLDALCO	1	Sample		
3	Vial 3	BLANK	BLDALCO	1	Sample		
4	Vial 4	QA 06040A	BLDALCO	1	Sample		
5	Vial 5	QA 06040B	BLDALCO	1	Sample		
6	Vial 6	QA 06040C	BLDALCO	1	Sample		
7	Vial 7	QA 06040D	BLDALCO	1	Sample		
8	Vial 8	QA 06040E	BLDALCO	1	Sample		
9	Vial 9	0.10 CONTROL-BA	BLDALCO	1	Ctrl Samp		
10	Vial 10	BLANK	BLDALCO	1	Sample		
11	Vial 11	06036 EF - 1	BLDALCO	1	Sample		
12	Vial 12	06036 EF - 2	BLDALCO	1	Sample		
13	Vial 13	06036 EF - 3	BLDALCO	1	Sample		
14	Vial 14	06036 EF - 4	BLDALCO	1	Sample		
15	Vial 15	06036 EF - 5	BLDALCO	1	Sample		
16	Vial 16	0.10 CONTROL-EF	BLDALCO	1	Ctrl Samp		
17	Vial 17	BLANK	BLDALCO	1	Sample		
18	Vial 18	06036 AG - 1	BLDALCO	1	Sample		
19	Vial 19	06036 AG - 2	BLDALCO	1	Sample		
20	Vial 20	06036 AG - 3	BLDALCO	1	Sample		
21	Vial 21	06036 AG - 4	BLDALCO	1	Sample		
22	Vial 22	06036 AG - 5	BLDALCO	1	Sample		
23	Vial 23	0.10 CONTROL	BLDALCO	1	Sample		
24	Vial 24	BLANK	BLDALCO	1	Sample		
25	Vial 25	053052-RT	BLDALCO	1	Sample		

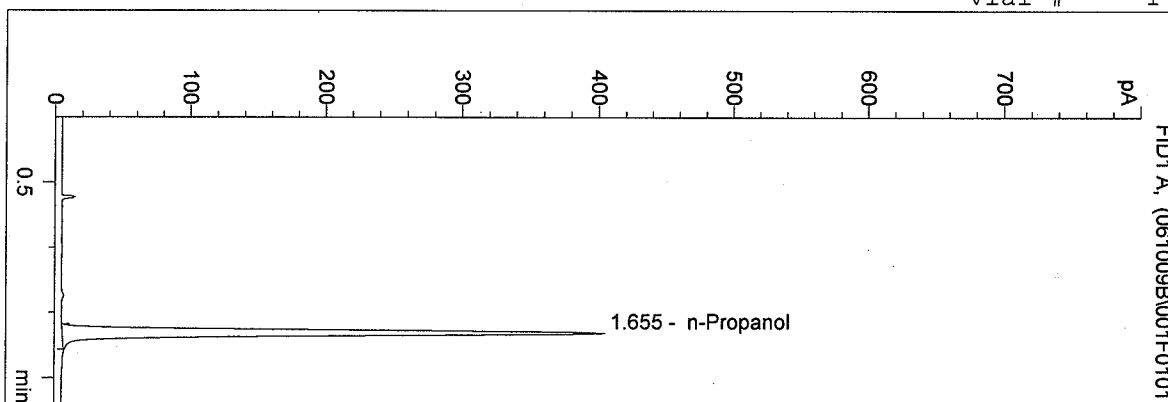
Sequence Table (Back Injector):

No entries - empty table!

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 2:10:23 PM
 Instrument 4
 DB-ALC1

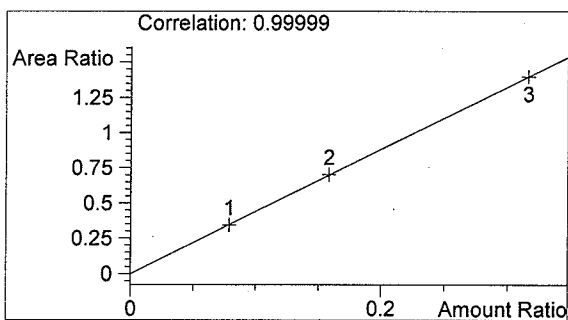
BLANK
 Brianne E. Akins

vial # 1

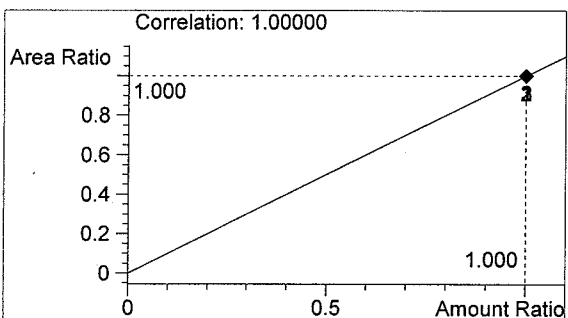


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1224	1.655

Totals:



Ethanol 0.000 g/100ml

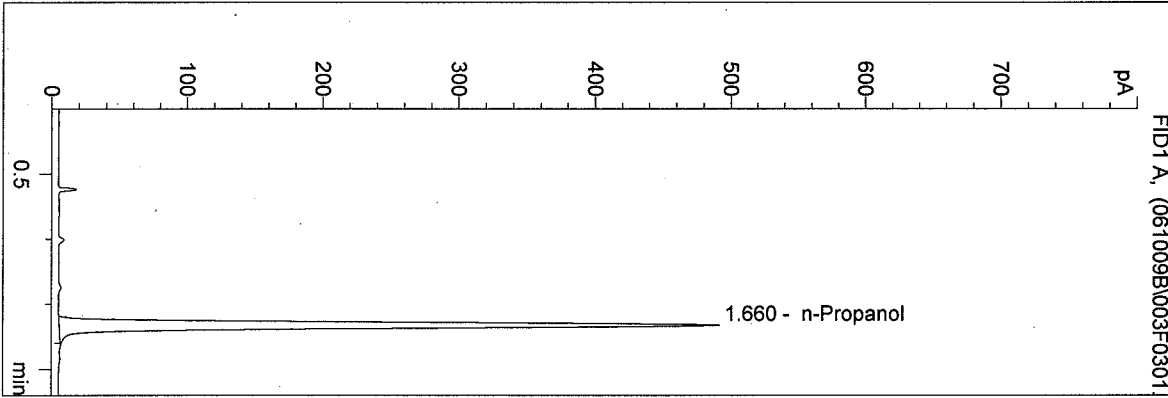


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 2:16:52 PM
 Instrument 4
 DB-ALC1

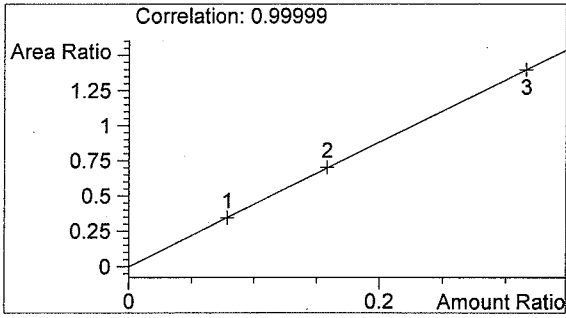
BLANK
 Brianne E. Akins

vial # 3

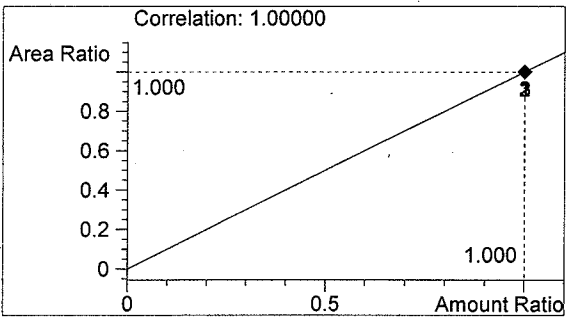


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1536	1.660

Totals:



Ethanol 0.000 g/100ml

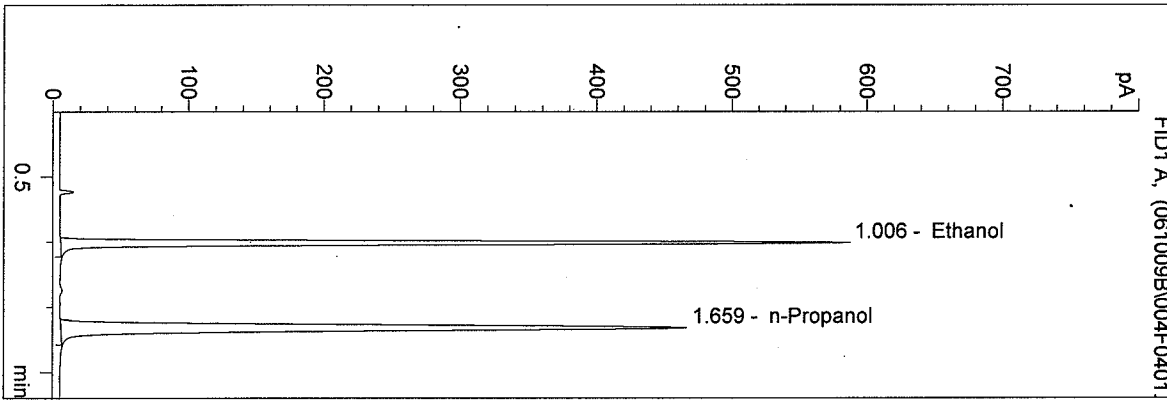


n-Propanol 1.000 g/100ml

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 10/9/2006 2:20:02 PM
 Instrument 4
 DB-ALC1

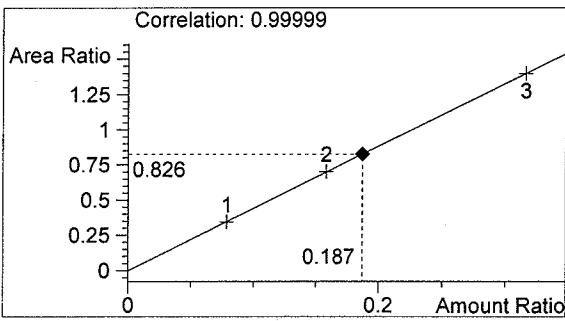
QA 06040A
 Brianne E. Akins

vial # 4

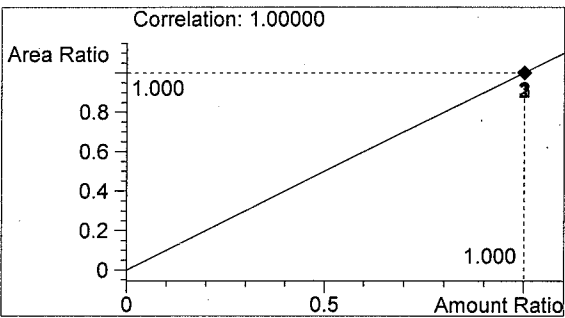


#	Compound	Area	RT
1	Ethanol	1204	1.006
2	n-Propanol	1458	1.659

Totals:



Ethanol 0.187 g/100ml

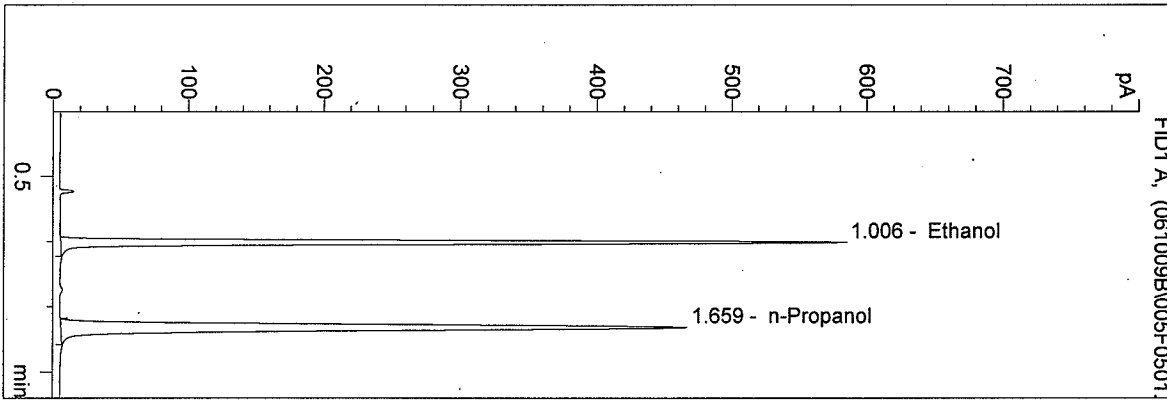


n-Propanol 1.000 g/100ml

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 10/9/2006 2:23:10 PM
 Instrument 4
 DB-ALC1

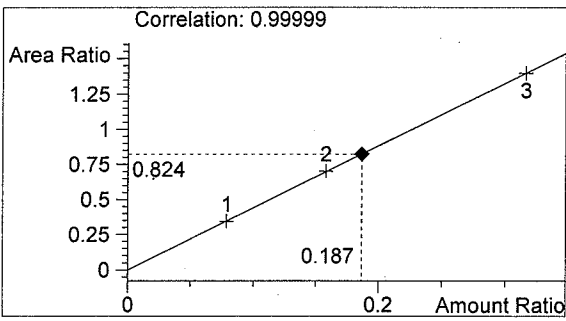
QA 06040B
 Brianne E. Akins

vial # 5

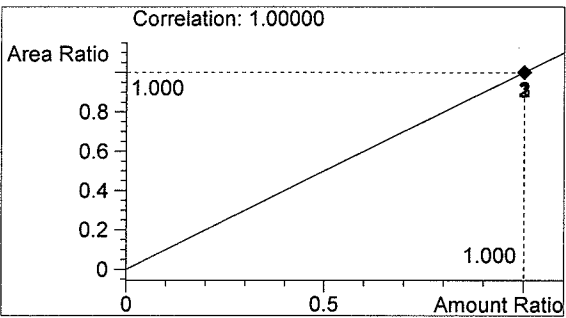


#	Compound	Area	RT
1	Ethanol	1200	1.006
2	n-Propanol	1455	1.659

Totals:



Ethanol 0.187 g/100ml

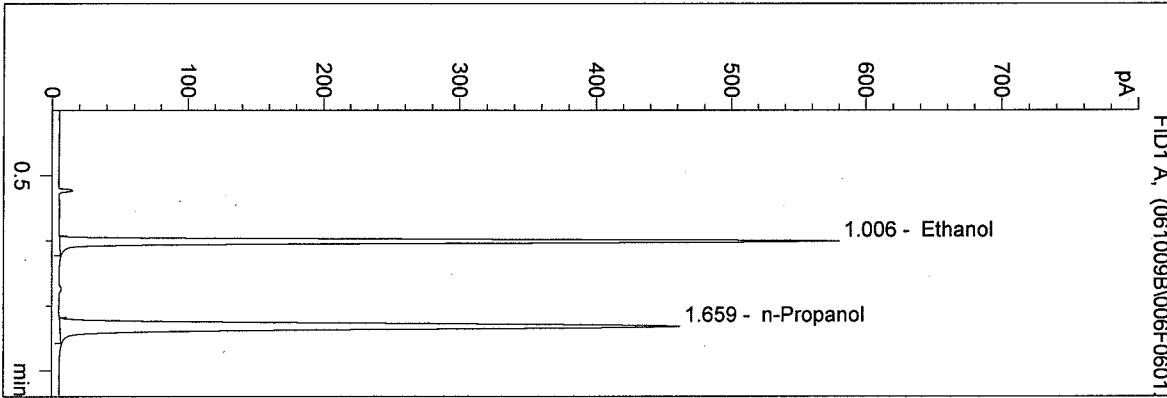


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 2:26:20 PM
 Instrument 4
 DB-ALC1

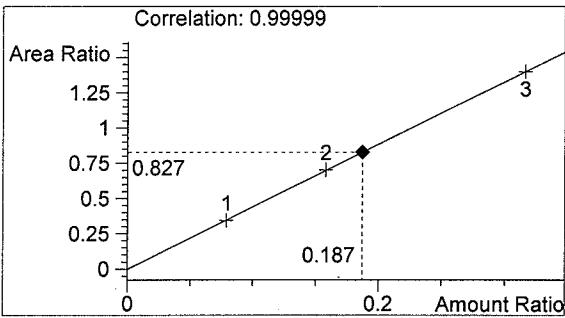
QA 06040C
 Brianne E. Akins

vial # 6

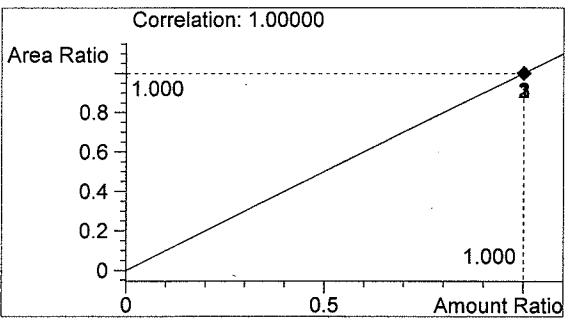


#	Compound	Area	RT
1	Ethanol	1191	1.006
2	n-Propanol	1440	1.659

Totals:



Ethanol 0.187 g/100ml

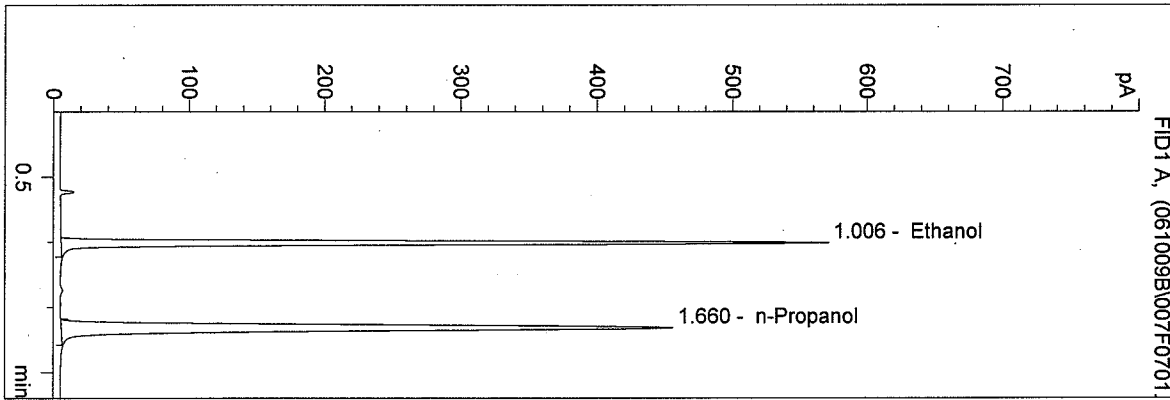


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 2:31:55 PM
 Instrument 4
 DB-ALC1

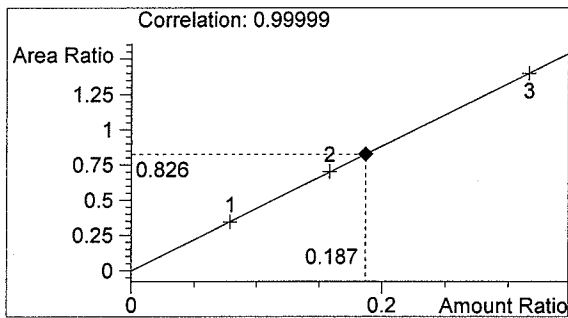
QA 06040D
 Brianne E. Akins

vial # 7

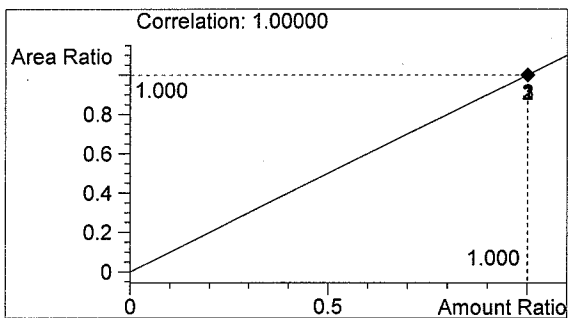


#	Compound	Area	RT
1	Ethanol	1176	1.006
2	n-Propanol	1424	1.660

Totals:



Ethanol 0.187 g/100ml

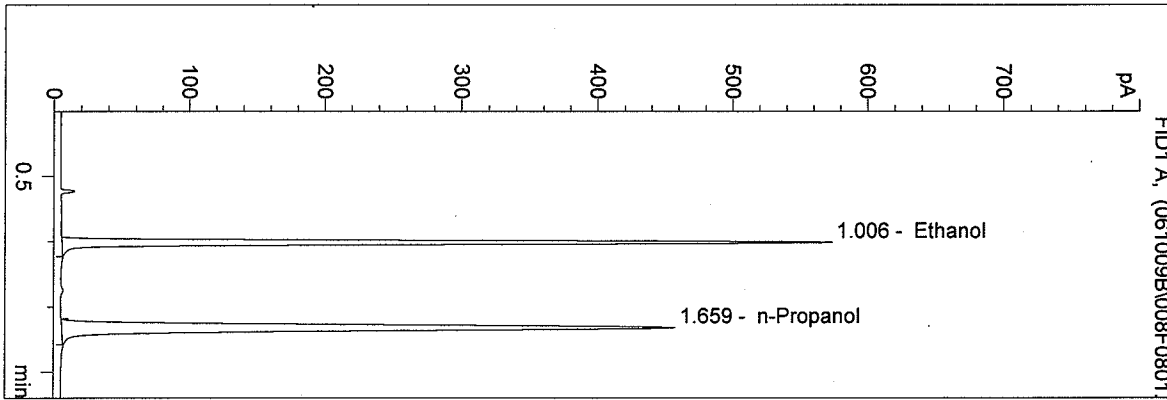


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 2:35:07 PM
 Instrument 4
 DB-ALC1

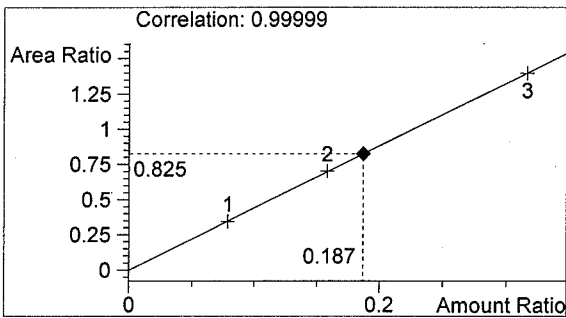
QA 06040E
 Brianne E. Akins

vial # 8

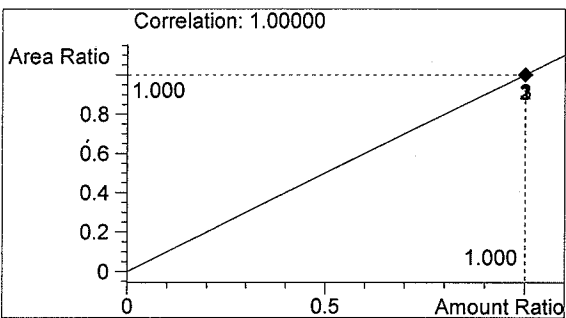


#	Compound	Area	RT
1	Ethanol	1178	1.006
2	n-Propanol	1427	1.659

Totals:



Ethanol 0.187 g/100ml

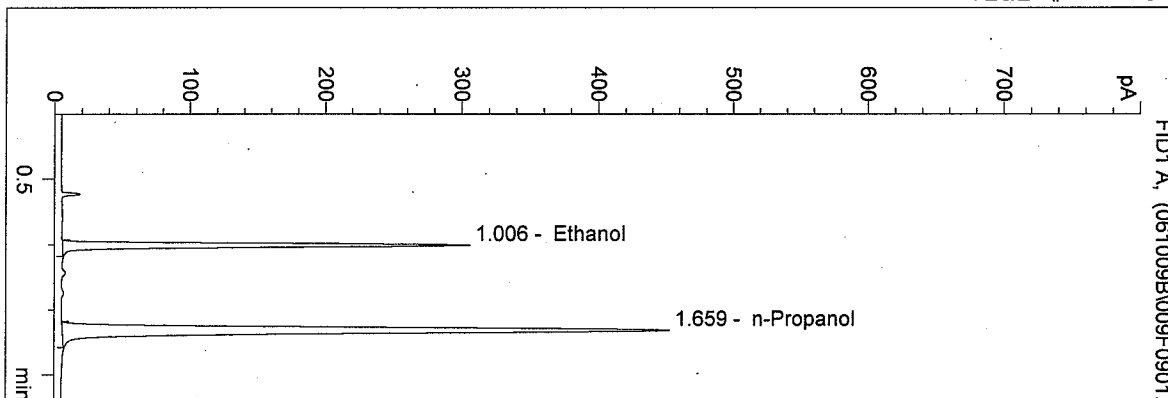


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 2:38:22 PM
 Instrument 4
 DB-ALC1

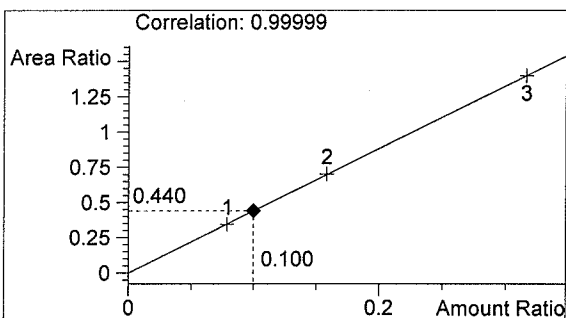
0.10 CONTROL-BA
 Brianne E. Akins

vial # 9

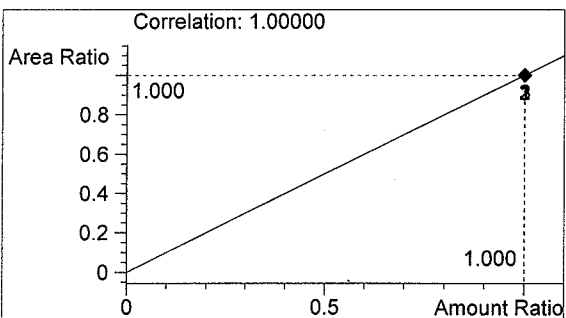


#	Compound	Area	RT
1	Ethanol	622	1.006
2	n-Propanol	1414	1.659

Totals:



Ethanol 0.100 g/100ml

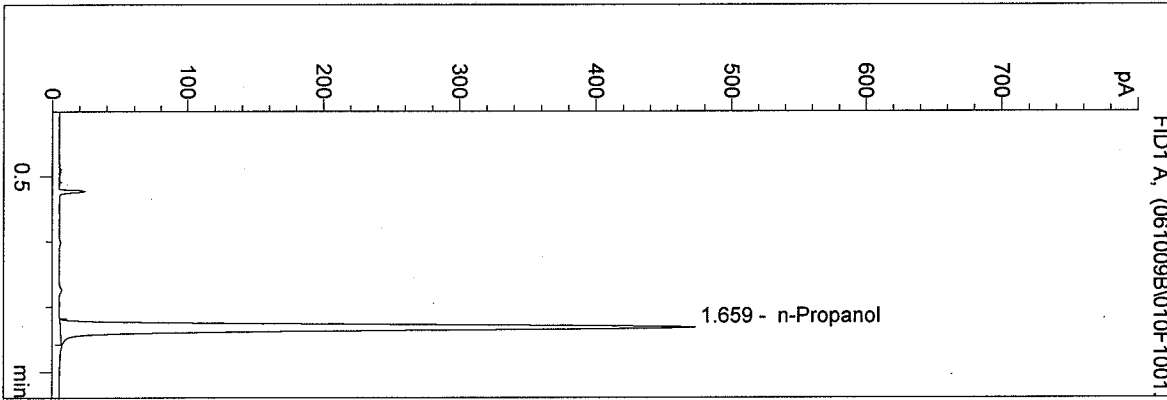


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/9/2006 2:41:37 PM
 Instrument 4
 DB-ALC1

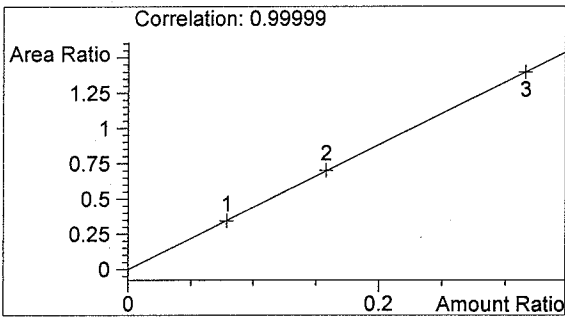
BLANK
 Brianne E. Akins

vial # 10

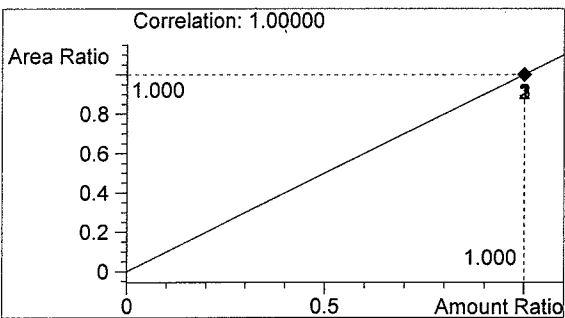


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1476	1.659

Totals:



Ethanol 0.000 g/100ml

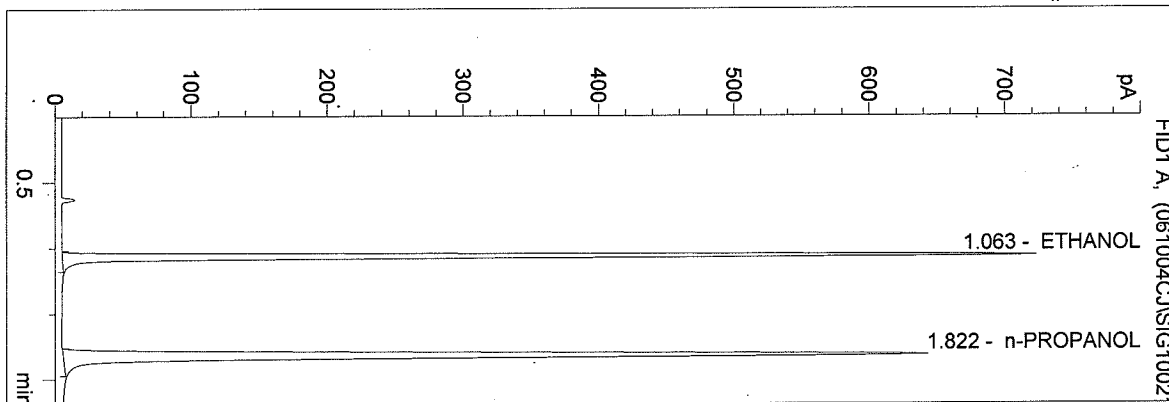


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 10/4/2006 5:12:11 PM
 Instrument 3
 db-alc2

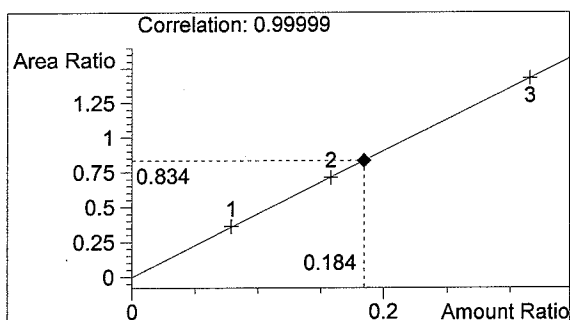
06040 QA 0.15
 Chris Johnston

vial # 21



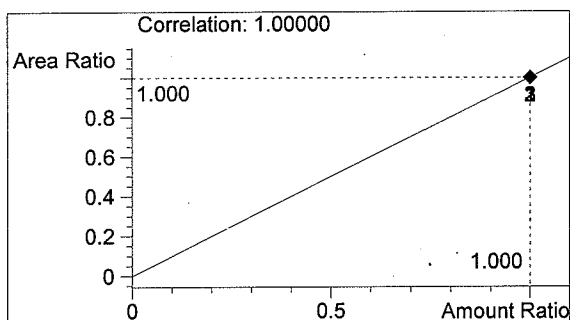
#	Compound	Area	RT
1	ETHANOL	1494	1.063
2	n-PROPANOL	1792	1.822

Totals:



ETHANOL

0.184 g/100ml



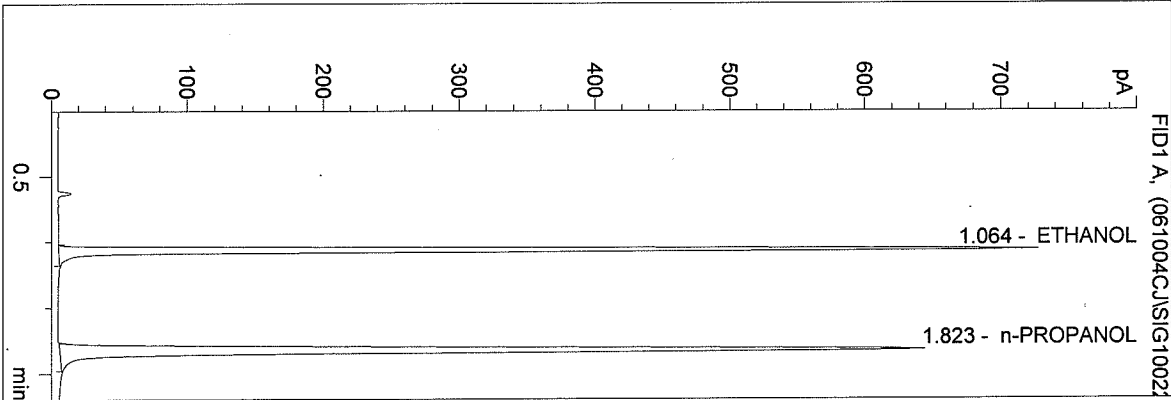
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 10/4/2006 5:15:18 PM
 Instrument 3
 db-alc2

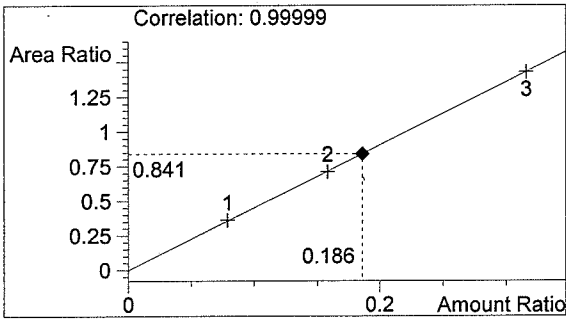
06040 QA 0.15
 Chris Johnston

vial # 22



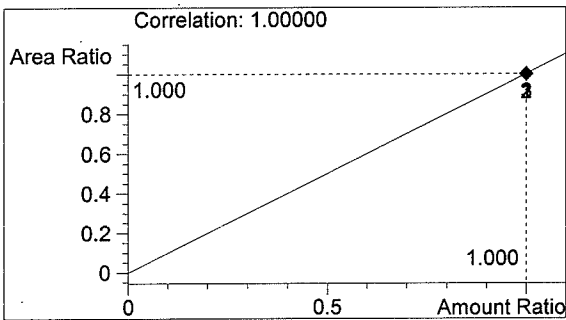
#	Compound	Area	RT
1	ETHANOL	1503	1.064
2	n-PROPANOL	1788	1.823

Totals:



ETHANOL

0.186 g/100ml



n-PROPANOL

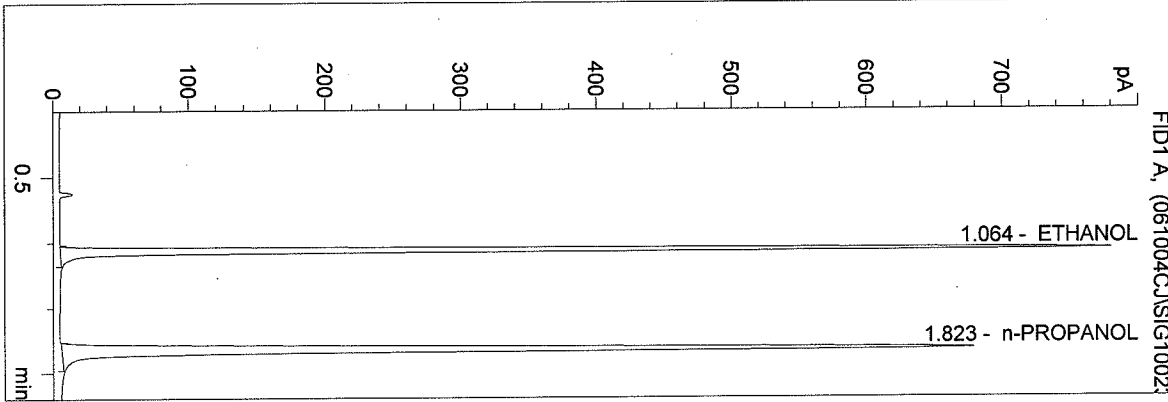
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
 10/4/2006 5:18:26 PM
 Instrument 3
 db-alc2

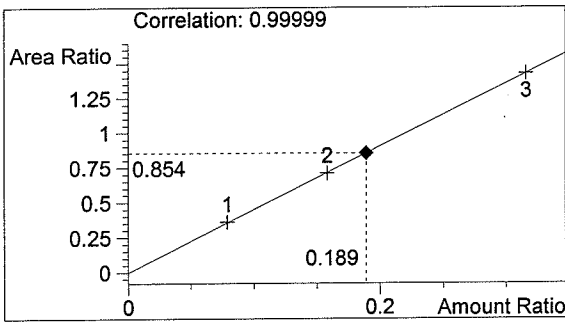
06040 QA 0.15
 Chris Johnston

vial # 23



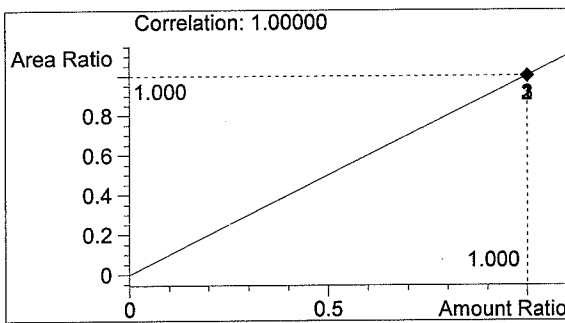
#	Compound	Area	RT
1	ETHANOL	1615	1.064
2	n-PROPANOL	1890	1.823

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

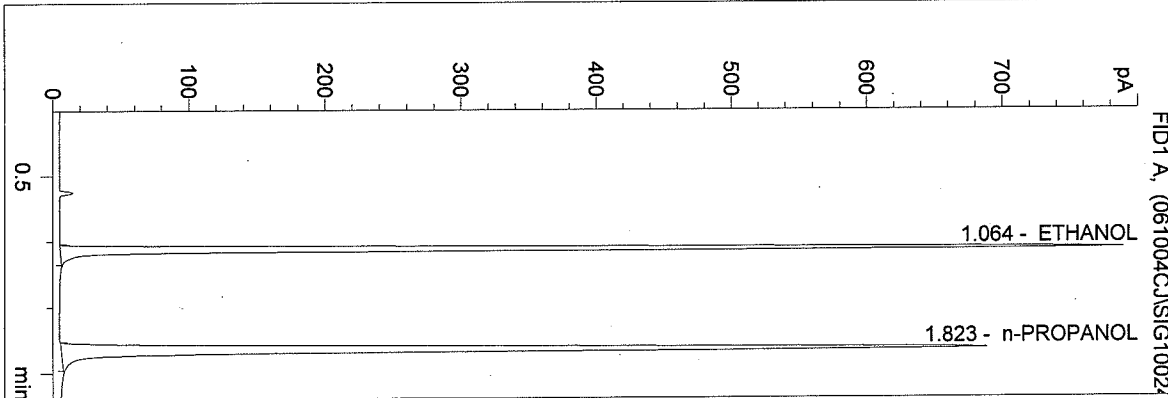
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
 10/4/2006 5:21:33 PM
 Instrument 3
 db-alc2

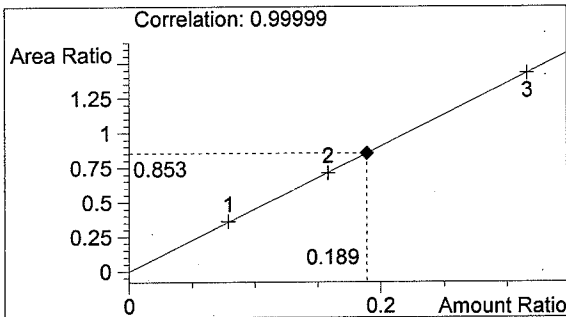
06040 QA 0.15
 Chris Johnston

vial # 24



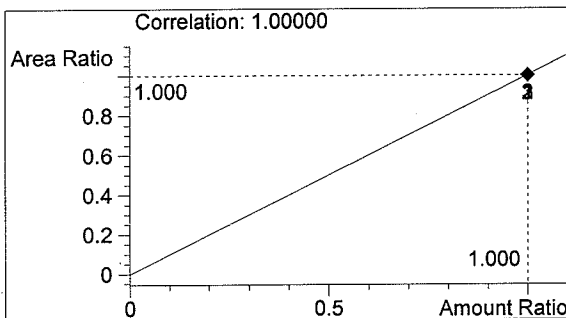
#	Compound	Area	RT
1	ETHANOL	1635	1.064
2	n-PROPANOL	1915	1.823

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

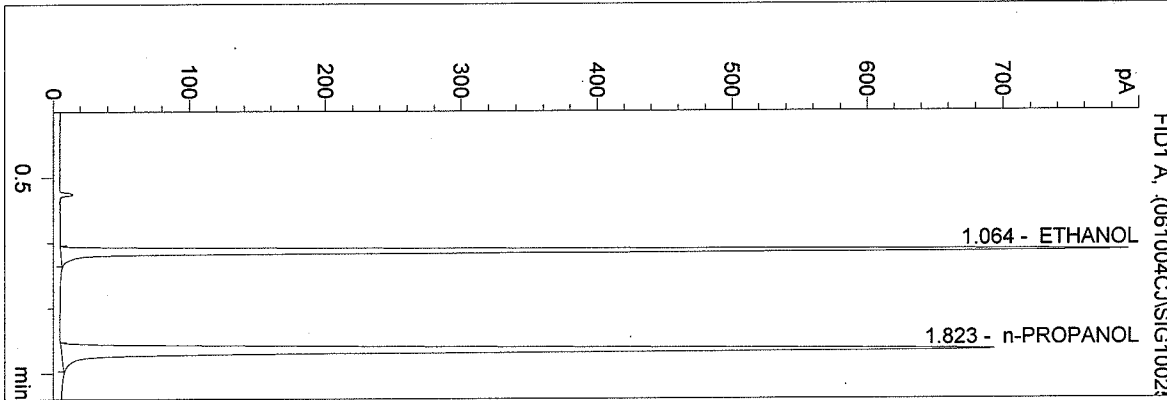
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
 10/4/2006 5:24:40 PM
 Instrument 3
 db-alc2

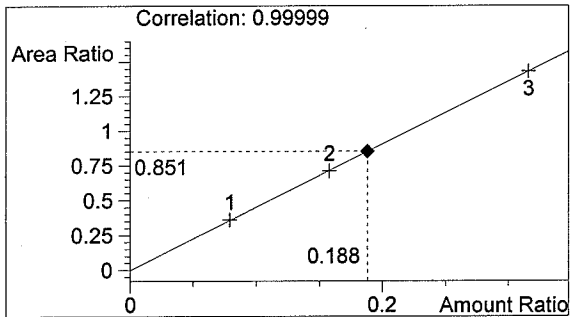
06040 QA 0.15
 Chris Johnston

vial # 25



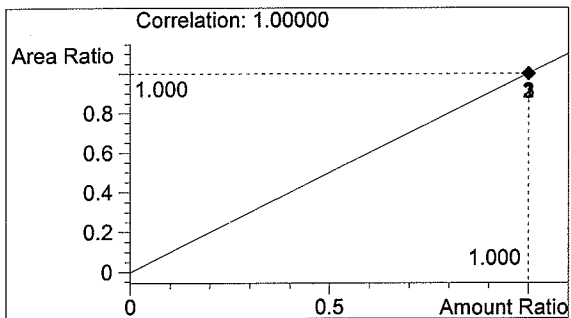
#	Compound	Area	RT
1	ETHANOL	1639	1.064
2	n-PROPANOL	1925	1.823

Totals:



ETHANOL

0.188 g/100ml



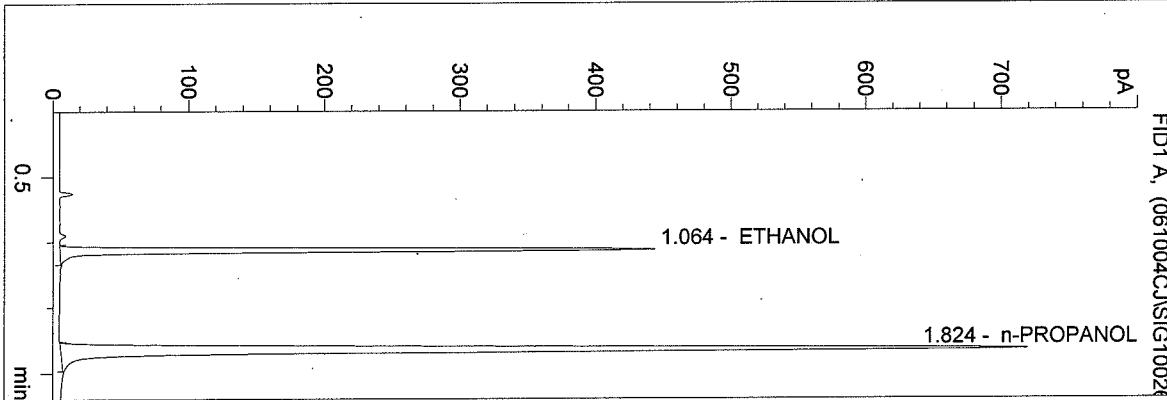
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 10/4/2006 5:27:47 PM
 Instrument 3
 db-alc2

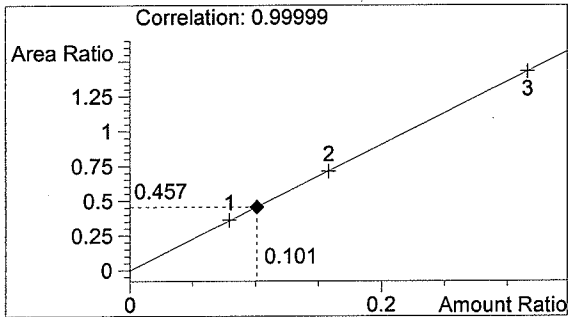
0.10 CONTROL-CJ
 Chris Johnston

vial # 26



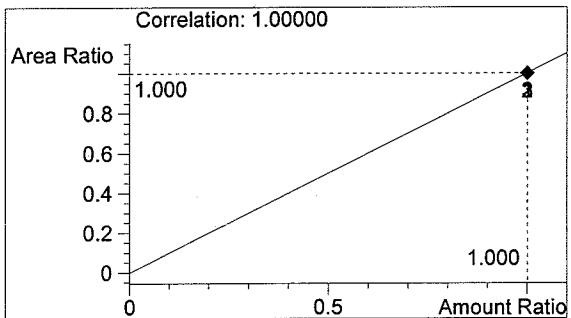
#	Compound	Area	RT
1	ETHANOL	915	1.064
2	n-PROPANOL	2003	1.824

Totals:



ETHANOL

0.101 g/100ml



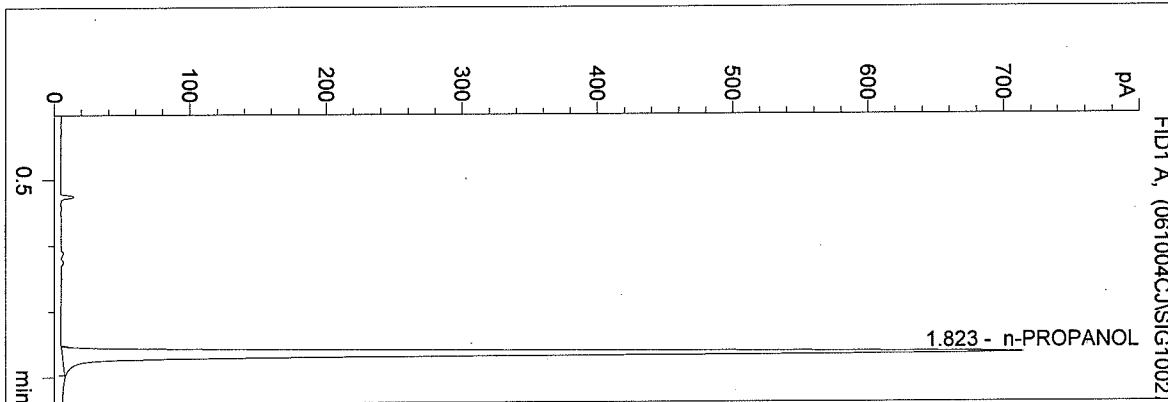
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 10/4/2006 5:30:55 PM
 Instrument 3
 db-alc2

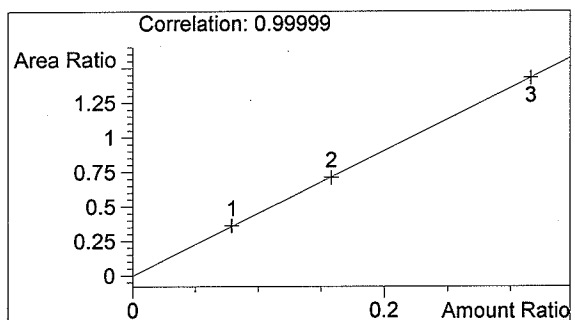
BLANK
 Chris Johnston

vial # 27



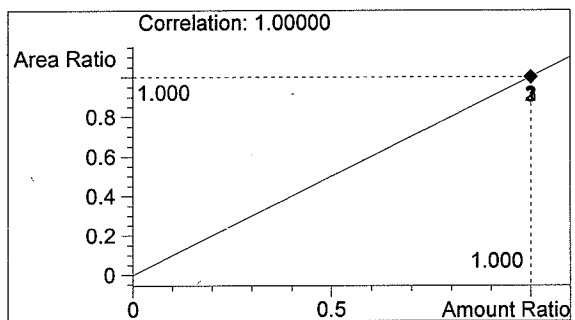
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1993	1.823

Totals:



ETHANOL

0.000 g/100ml



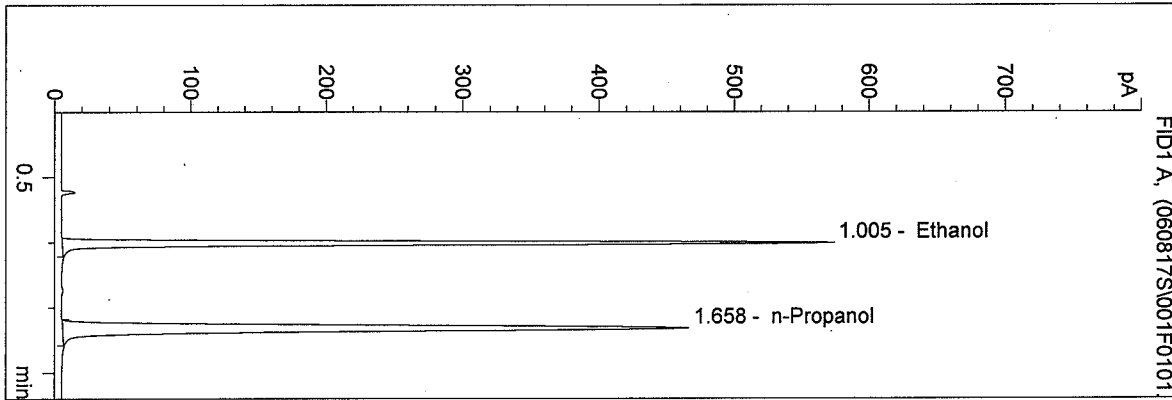
n-PROPANOL

1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 10/5/2006 2:35:15 PM
 Instrument 4
 DB-ALC1

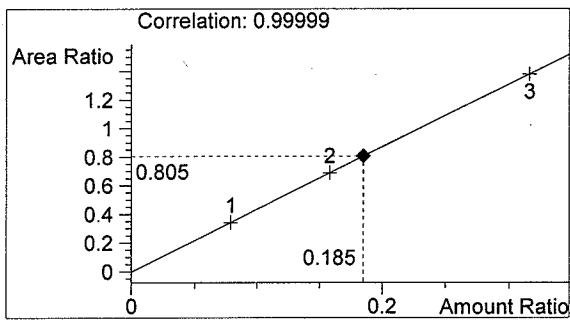
06040-1
 SARAH SWENSON

vial # 1

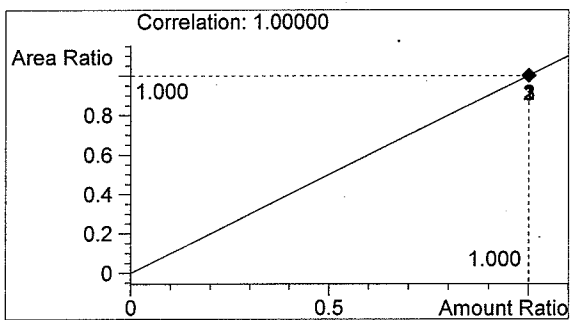


#	Compound	Area	RT
1	Ethanol	1168	1.005
2	n-Propanol	1450	1.658

Totals:



Ethanol 0.185 g/100ml

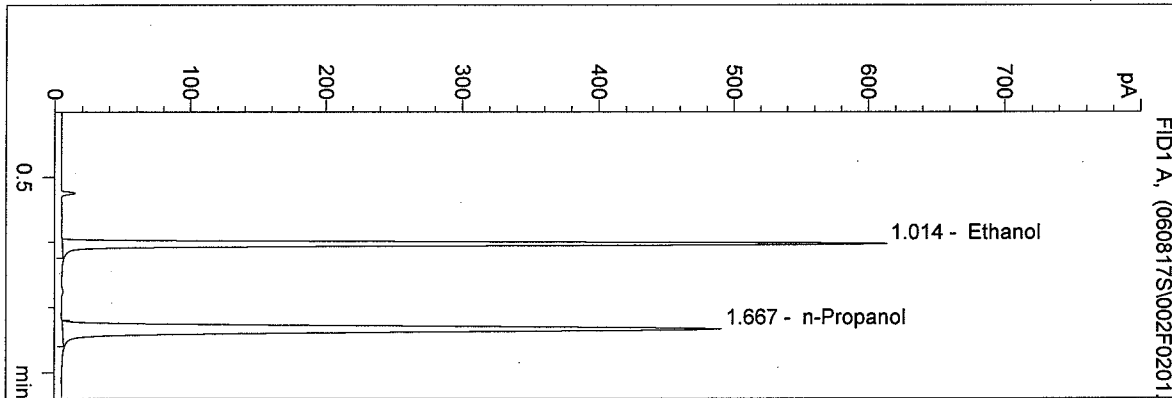


n-Propanol 1.000 g/100ml

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 10/5/2006 2:38:31 PM
 Instrument 4
 DB-ALC1

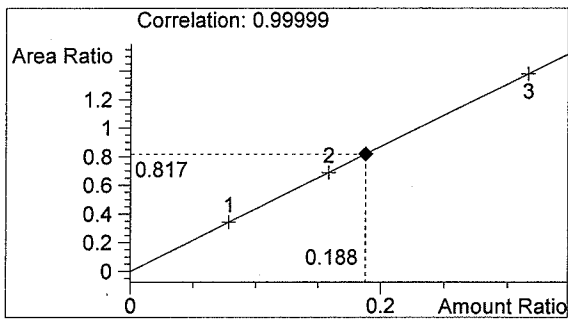
06040-2
 SARAH SWENSON

vial # 2

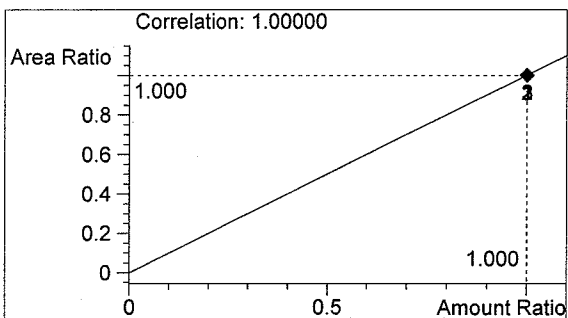


#	Compound	Area	RT
1	Ethanol	1247	1.014
2	n-Propanol	1526	1.667

Totals:



Ethanol 0.188 g/100ml

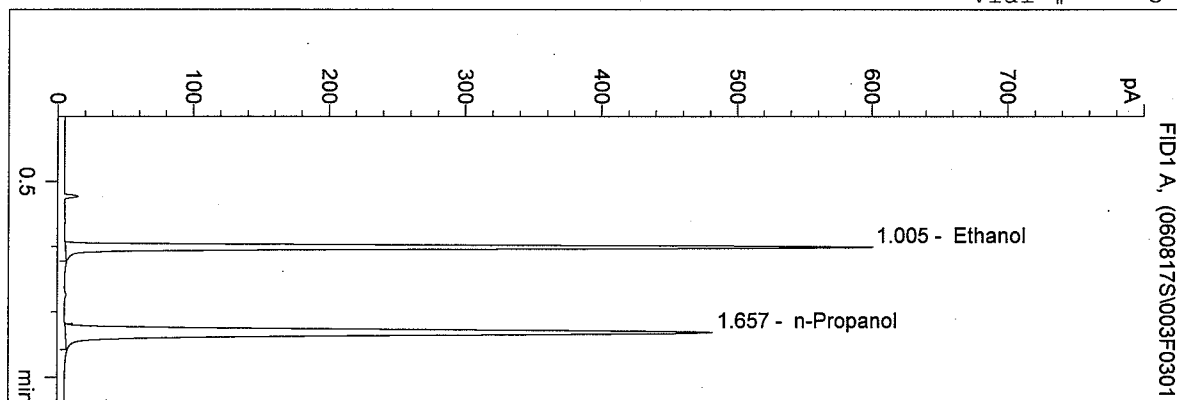


n-Propanol 1.000 g/100ml

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 10/5/2006 2:41:48 PM
 Instrument 4
 DB-ALC1

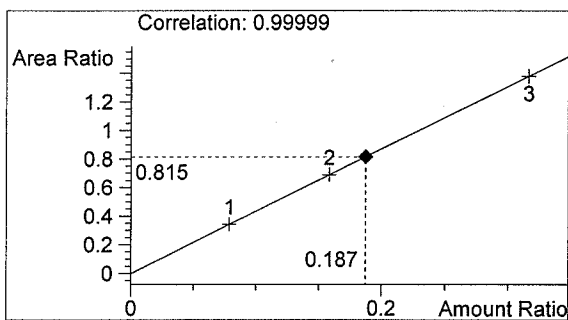
06040-3
 SARAH SWENSON

vial # 3

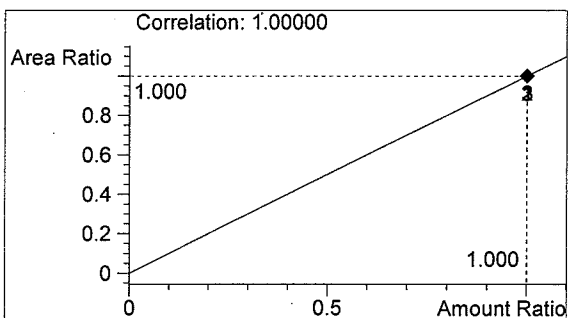


#	Compound	Area	RT
1	Ethanol	1222	1.005
2	n-Propanol	1499	1.657

Totals:



Ethanol 0.187 g/100ml

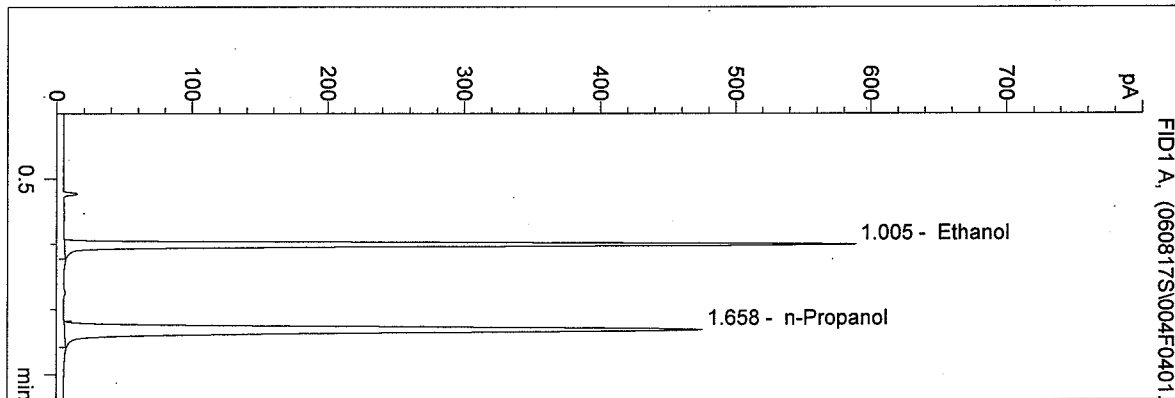


n-Propanol 1.000 g/100ml

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 10/5/2006 2:44:58 PM
 Instrument 4
 DB-ALC1

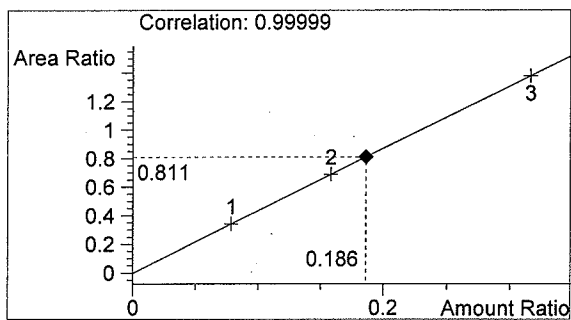
06040-4
 SARAH SWENSON

vial # 4

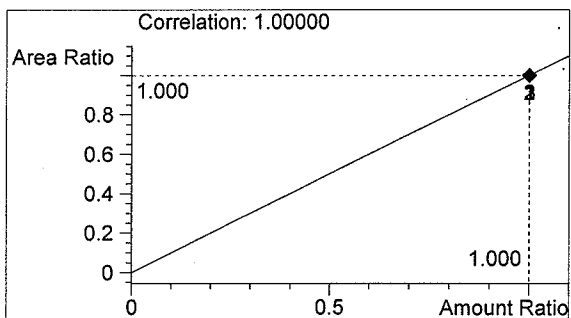


#	Compound	Area	RT
1	Ethanol	1199	1.005
2	n-Propanol	1478	1.658

Totals:



Ethanol 0.186 g/100ml

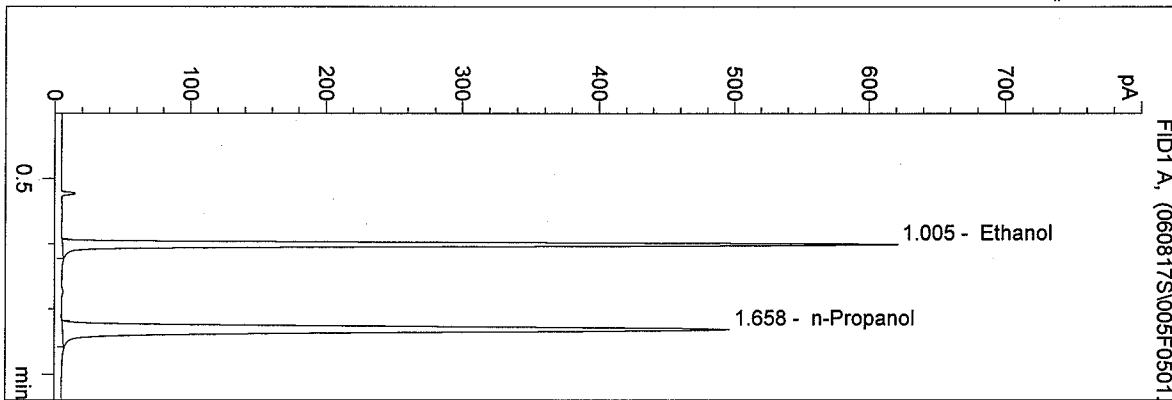


n-Propanol 1.000 g/100ml

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 10/5/2006 2:48:07 PM
 Instrument 4
 DB-ALC1

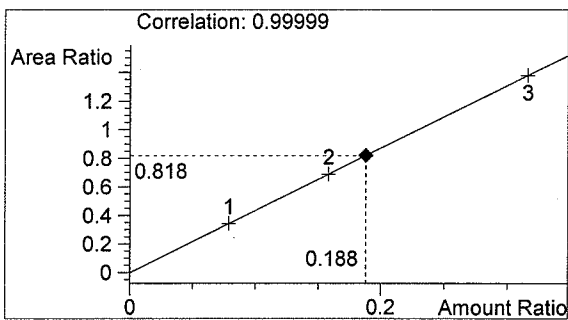
06040-5
 SARAH SWENSON

vial # 5

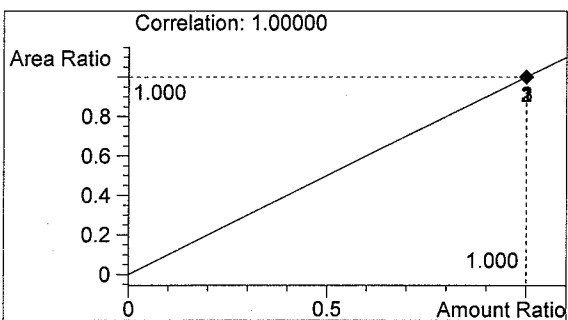


#	Compound	Area	RT
1	Ethanol	1263	1.005
2	n-Propanol	1544	1.658

Totals:



Ethanol 0.188 g/100ml

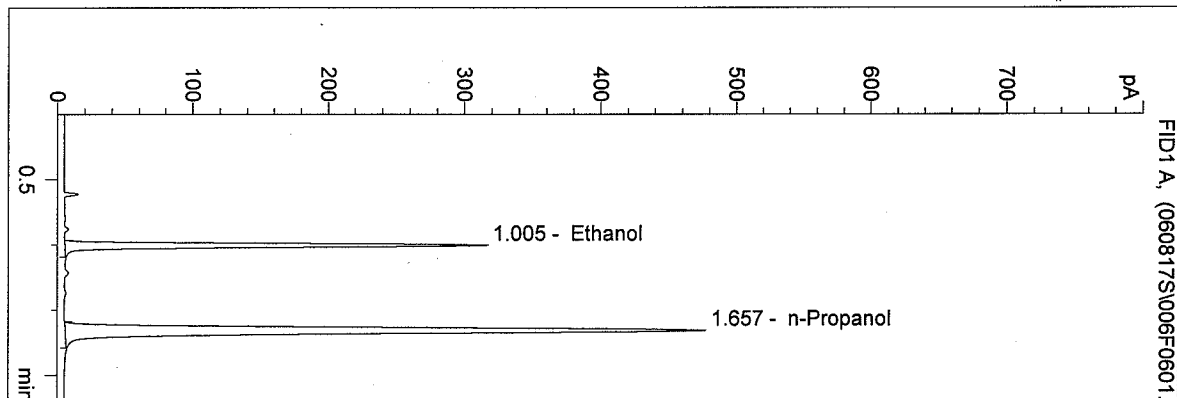


n-Propanol 1.000 g/100ml

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 10/5/2006 2:51:16 PM
 Instrument 4
 DB-ALC1

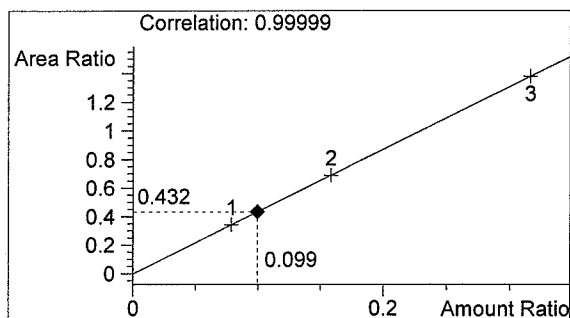
0.10 CTL-SS
 SARAH SWENSON

vial # 6

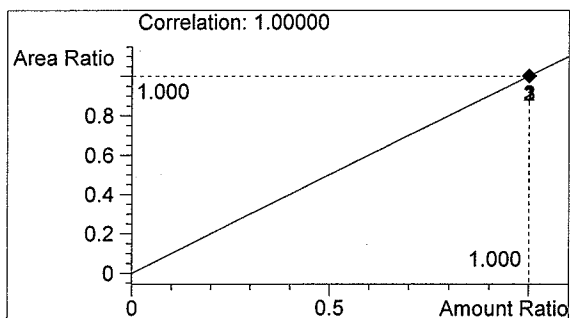


#	Compound	Area	RT
1	Ethanol	641	1.005
2	n-Propanol	1484	1.657

Totals:



Ethanol 0.099 g/100ml

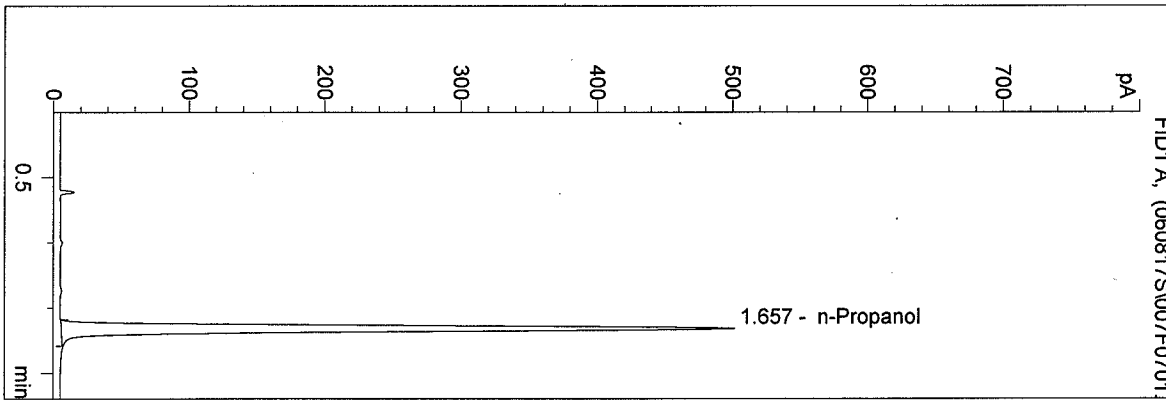


n-Propanol 1.000 g/100ml

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 10/5/2006 2:56:54 PM
 Instrument 4
 DB-ALC1

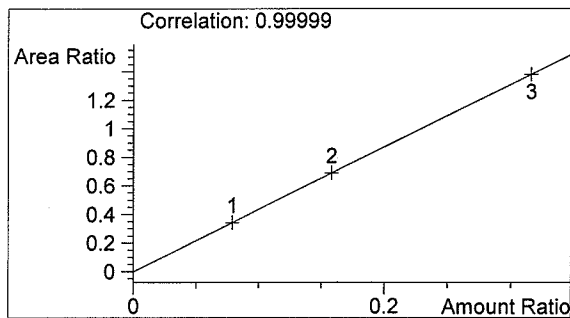
BLANK
 SARAH SWENSON

vial # 7

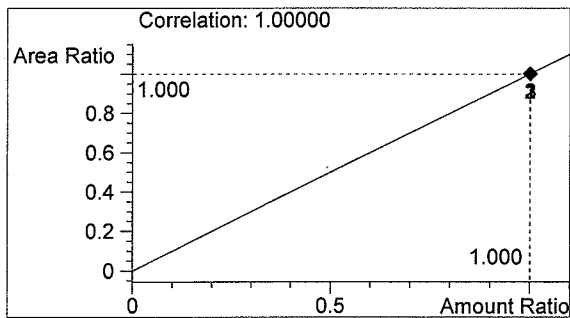


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1564	1.657

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml