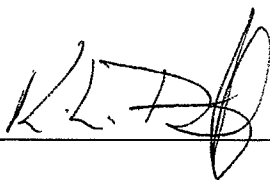
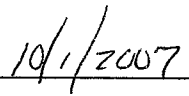
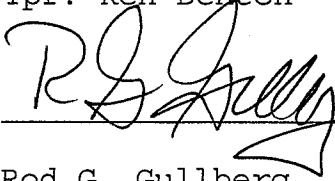
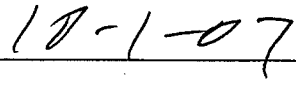


Notice of Simulator Solution File Review

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 9-27-07
Location TOX LAB SEATTLE Batch Number 07014

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: 9-27-07
Reviewer Signature:  Date: 9-27-2007

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

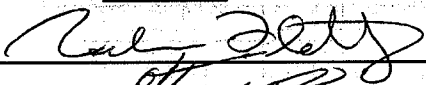
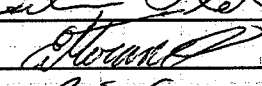
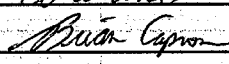
Preparation and certification of **0.15** g/210L Quality Assurance solution
 Batch number **07014** Date: 4/26/2007
 Preparation: 42.3 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12	Anal 13	Anal 14	Anal 15	Anal 16
1	0.185	0.191	0.186													
2	0.185	0.190	0.188													
3	0.190	0.191	0.185													
4	0.186	0.191	0.185													
5	0.187	0.191	0.185													
Ctrl	0.100	0.101	0.098													

External Control:
 Lot #: A048730 Exp date: 03/2011
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.1877 g/100 mL
 SD: 0.00263
 Range (3xSD): 0.1798 to 0.1956
 Precision CV (%): 1.4019 %

Equivalent vapor concent.: 0.1526 g/210L

Analyst	Name	Signature	Date
1	Rebecca Flaherty		04/26/2007
2	Estuardo J. Miranda		04/30/2007
3	Brian Capron		05/01/2007
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Rebecca Flaherty 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, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The quality assurance solution, Lot Number 07014, was prepared in the Washington State Toxicology Laboratory on 4/26/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.1877 grams per 100ml.

Dated: 5/3/2007
Seattle, WA


Rebecca Flaherty
Forensic Toxicologist

RF/jr
RFQA

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.

 9/28/07



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, 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 and nine years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 07014, was prepared in the Washington State Toxicology Laboratory on 4/26/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.1877 grams per 100ml.

Dated: 5/3/2007
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
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.

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 07014, was prepared in the Washington State Toxicology Laboratory on 4/26/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.1877 grams per 100ml.

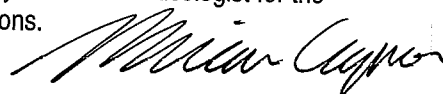
Dated: 5/3/2007
Seattle, WA



Brian Capron
Forensic Toxicologist

BC/jr
BCQA

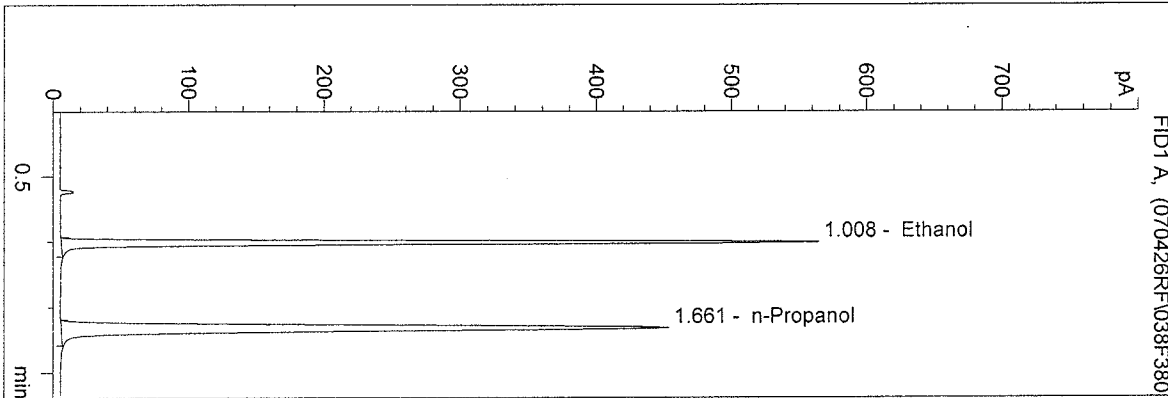
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

 10.1.2007

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 4/26/2007 2:53:56 PM
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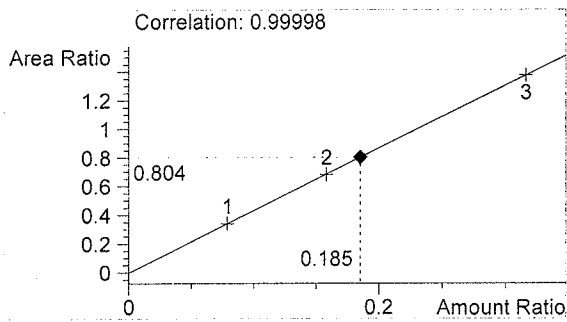
07014 - QA15A
 Rebecca Flaherty

vial # 38

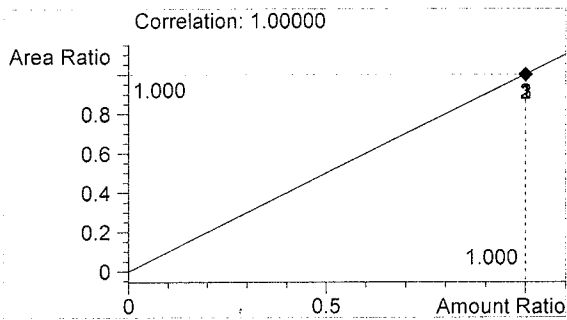


#	Compound	Area	RT
1	Ethanol	1134	1.008
2	n-Propanol	1411	1.661

Totals:



Ethanol 0.185 g/100ml

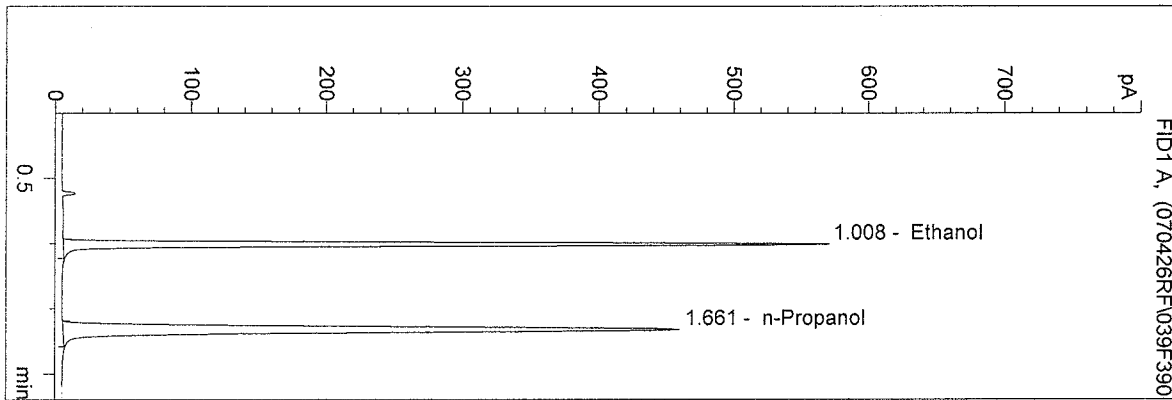


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/26/2007 3:02:38 PM
 Instrument 4
 DB-ALC1

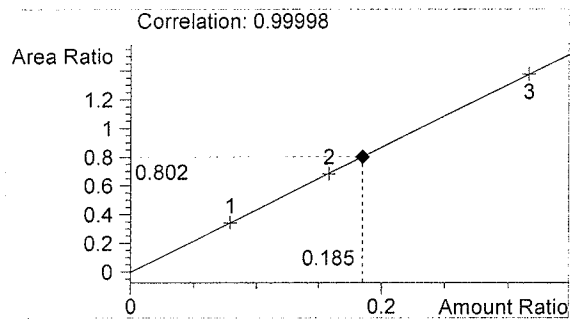
07014 - QA15B
 Rebecca Flaherty

vial # 39

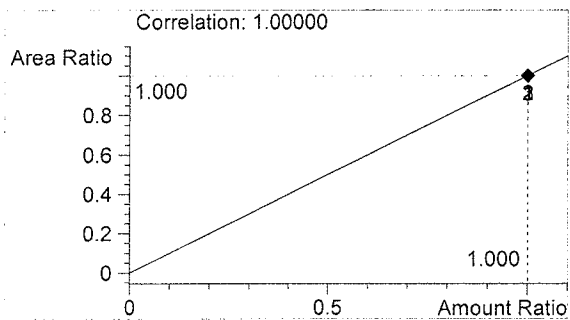


#	Compound	Area	RT
1	Ethanol	1147	1.008
2	n-Propanol	1431	1.661

Totals:



Ethanol 0.185 g/100ml

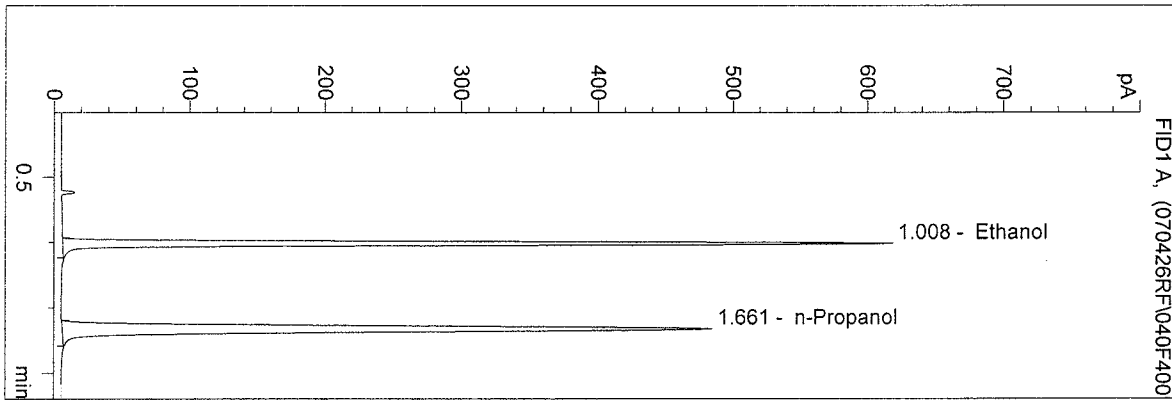


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/26/2007 3:05:52 PM
 Instrument 4
 DB-ALC1

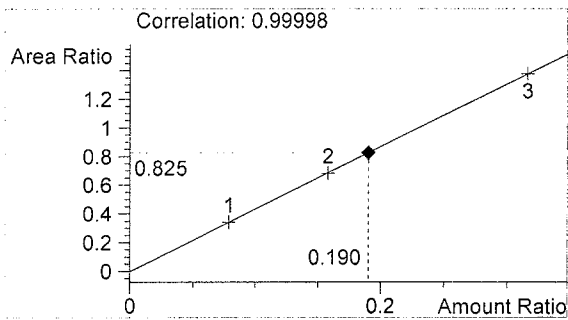
07014 - QA15C
 Rebecca Flaherty

vial # 40

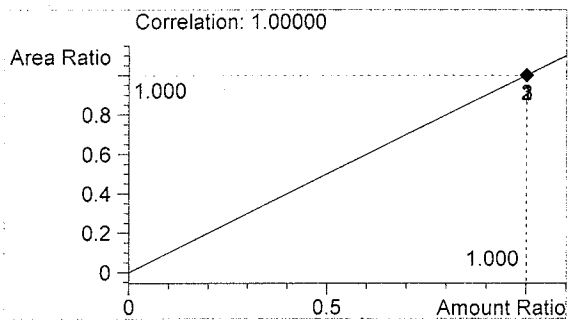


#	Compound	Area	RT
1	Ethanol	1244	1.008
2	n-Propanol	1507	1.661

Totals:



Ethanol 0.190 g/100ml

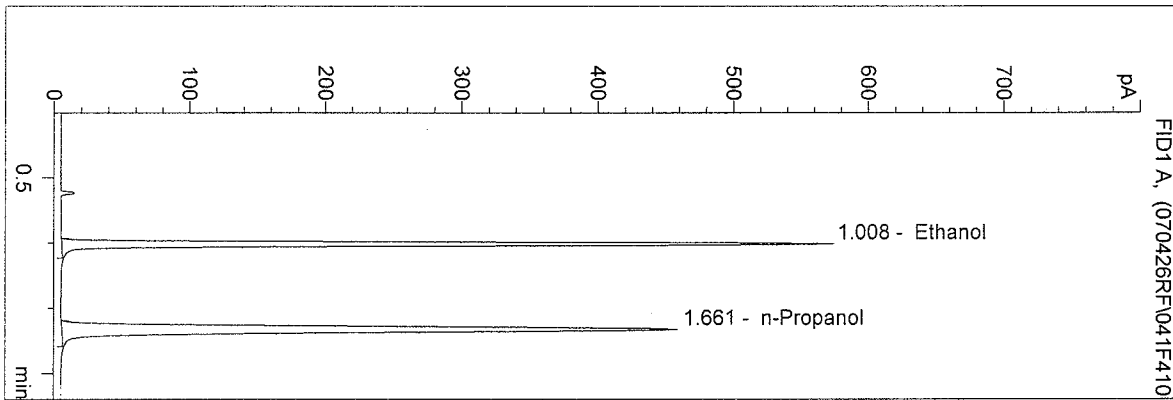


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/26/2007 3:09:05 PM
 Instrument 4
 DB-ALC1

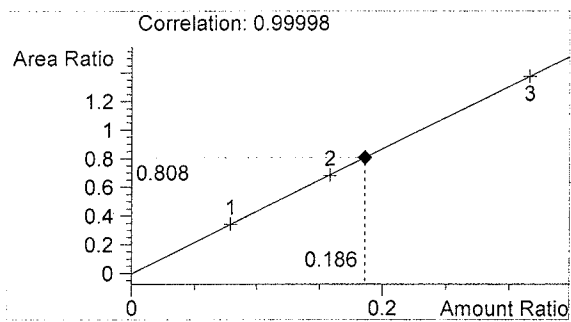
07014 - QA15D
 Rebecca Flaherty

vial # 41

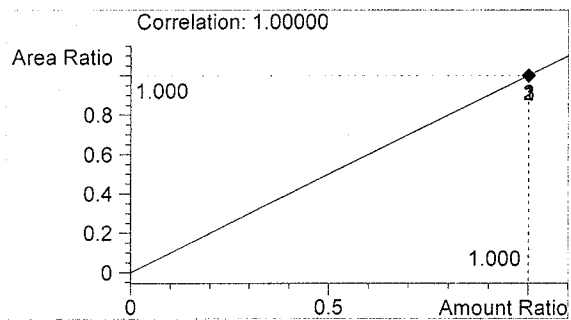


#	Compound	Area	RT
1	Ethanol	1153	1.008
2	n-Propanol	1428	1.661

Totals:



Ethanol 0.186 g/100ml

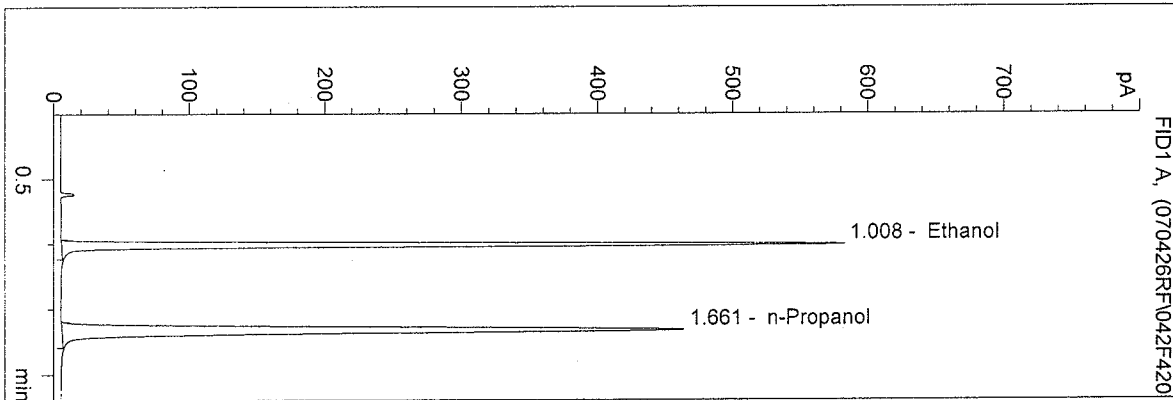


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/26/2007 3:12:26 PM
 Instrument 4
 DB-ALC1

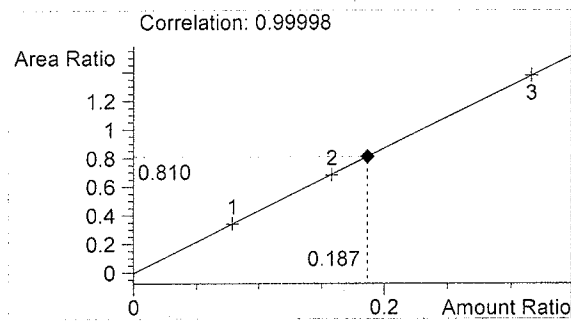
07014 - QA15E
 Rebecca Flaherty

vial # 42

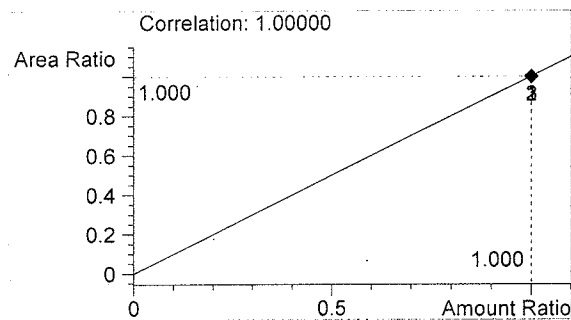


#	Compound	Area	RT
1	Ethanol	1170	1.008
2	n-Propanol	1443	1.661

Totals:



Ethanol 0.187 g/100ml

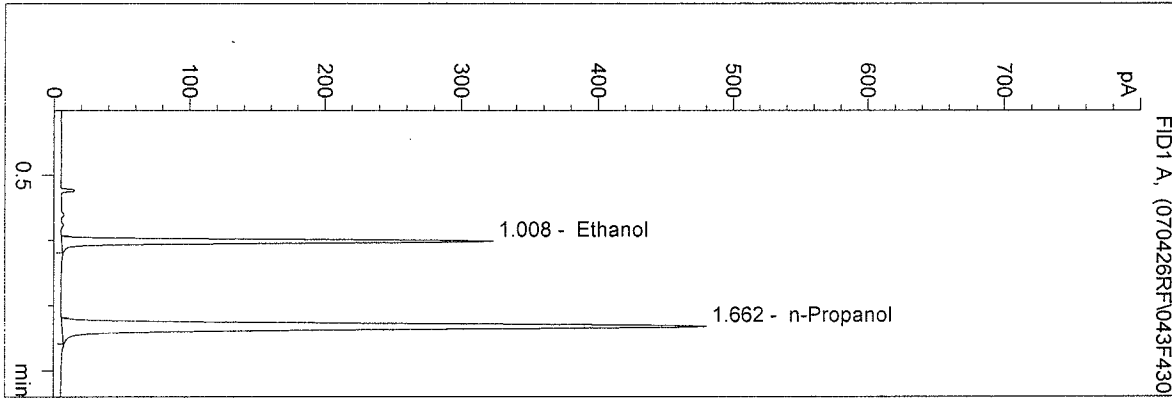


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/26/2007 3:15:44 PM
 Instrument 4
 DB-ALC1

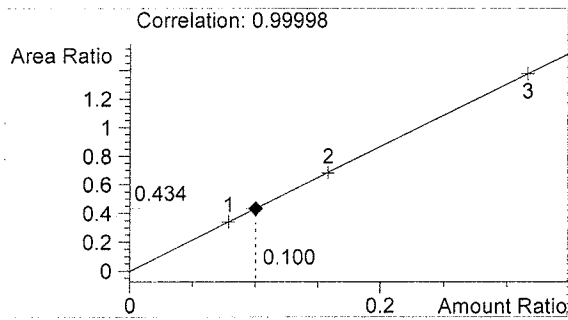
0.10 CONTROL rf
 Rebecca Flaherty

vial # 43

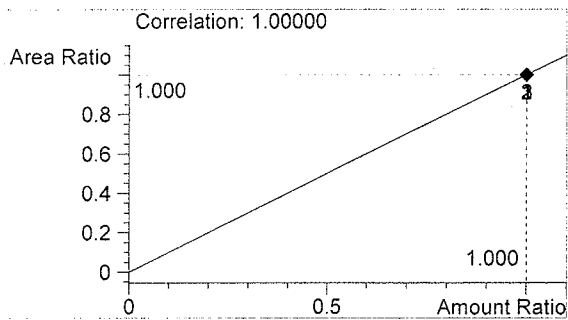


#	Compound	Area	RT
1	Ethanol	649	1.008
2	n-Propanol	1496	1.662

Totals:



Ethanol 0.100 g/100ml

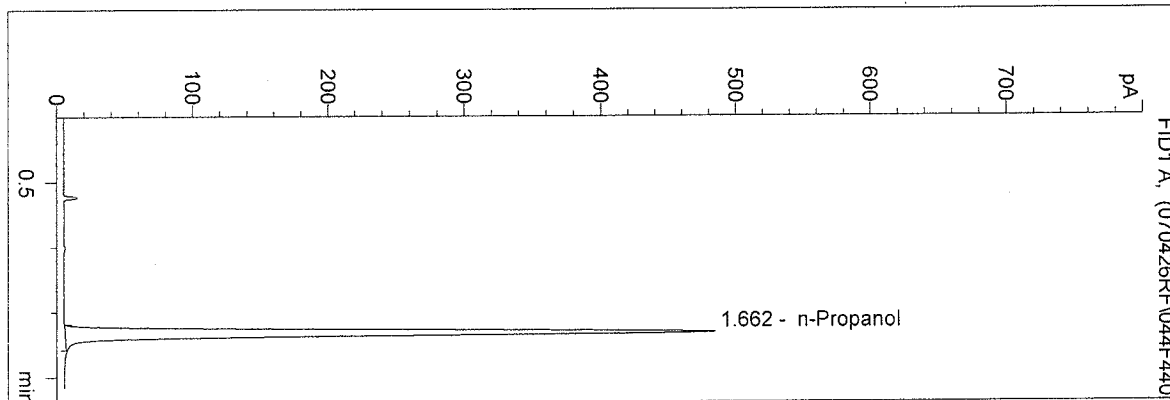


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/26/2007 3:19:04 PM
 Instrument 4
 DB-ALC1

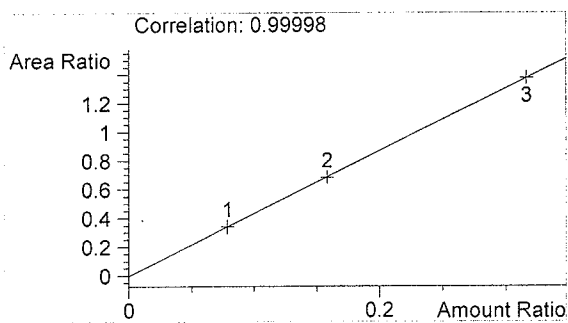
BLANK
 Rebecca Flaherty

vial # 44

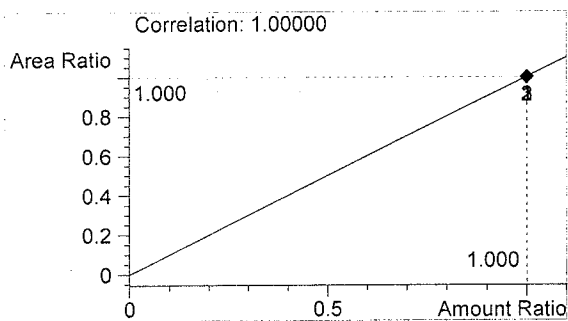


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1508	1.662

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator: Estuardo J. Miranda
Data File Naming: Auto
Data Directory: D:\HPCHEM\1\DATA\
Data Subdirectory: 070430JM
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	Q.A. Sol 07014-1	BLDALCO	1	Sample		
2	Vial 2	Q.A. Sol 07014-2	BLDALCO	1	Sample		
3	Vial 3	Q.A. Sol 07014-3	BLDALCO	1	Sample		
4	Vial 4	Q.A. Sol 07014-4	BLDALCO	1	Sample		
5	Vial 5	Q.A. Sol 07014-5	BLDALCO	1	Sample		
6	Vial 6	0.100 Control EM	BLDALCO	1	Ctrl Samp		
7	Vial 7	Blank	BLDALCO	1	Sample		

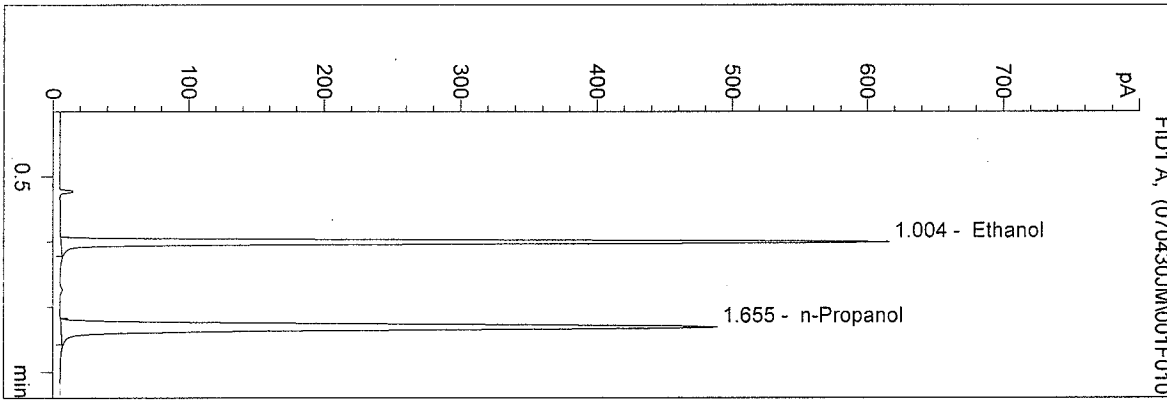
Sequence Table (Back Injector):

No entries - empty table!

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/30/2007 5:15:13 PM
 Instrument 4
 DB-ALC1

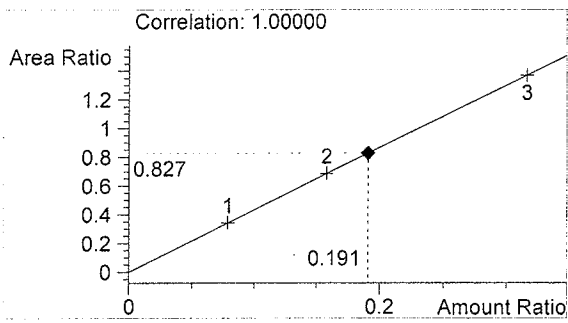
Q.A. Sol 07014-1
 Estuardo J. Miranda

vial # 1

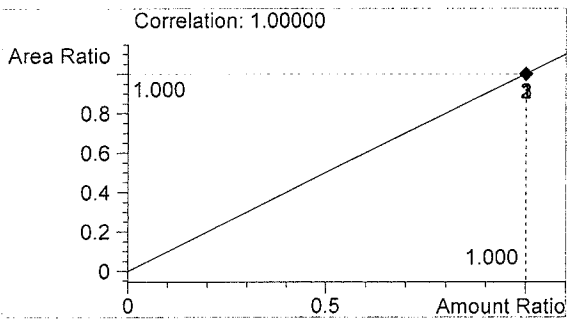


#	Compound	Area	RT
1	Ethanol	1267	1.004
2	n-Propanol	1531	1.655

Totals:



Ethanol 0.191 g/100ml

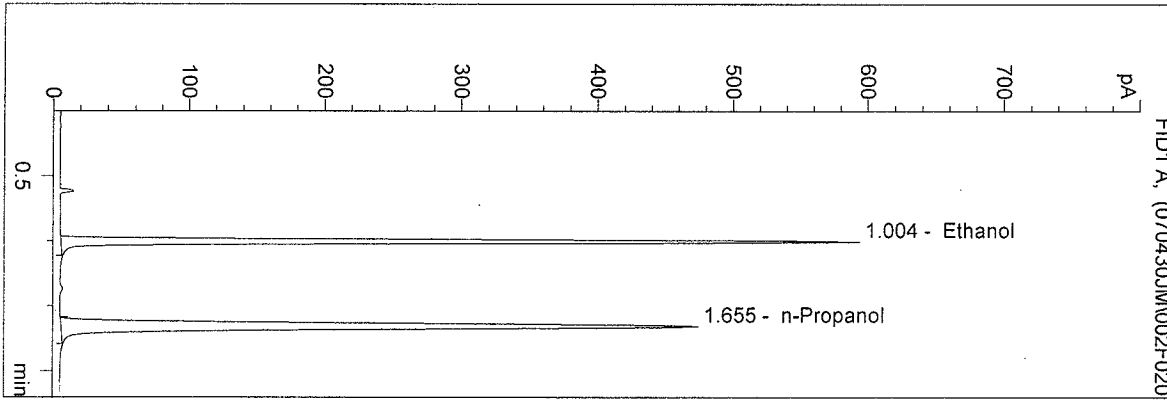


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/30/2007 5:18:30 PM
 Instrument 4
 DB-ALC1

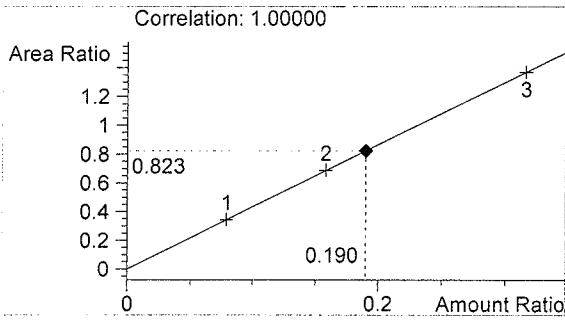
Q.A. Sol 07014-2
 Estuardo J. Miranda

vial # 2

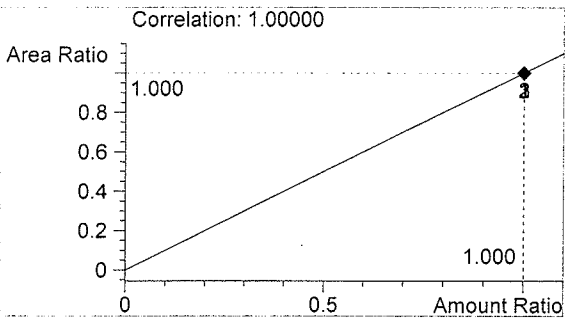


#	Compound	Area	RT
1	Ethanol	1223	1.004
2	n-Propanol	1486	1.655

Totals:



Ethanol 0.190 g/100ml

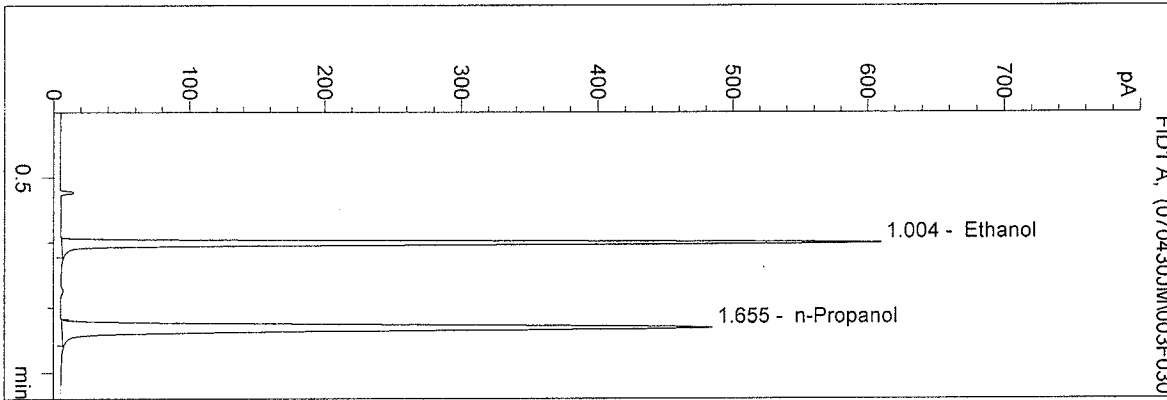


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/30/2007 5:21:46 PM
 Instrument 4
 DB-ALC1

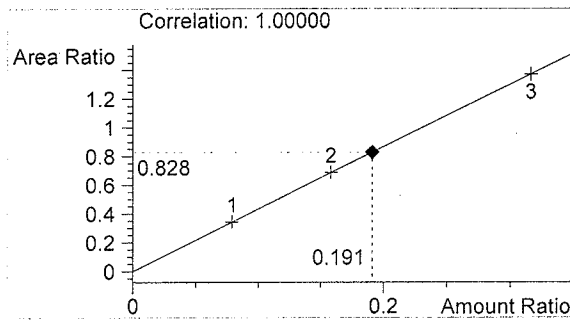
Q.A. Sol 07014-3
 Estuardo J. Miranda

vial # 3

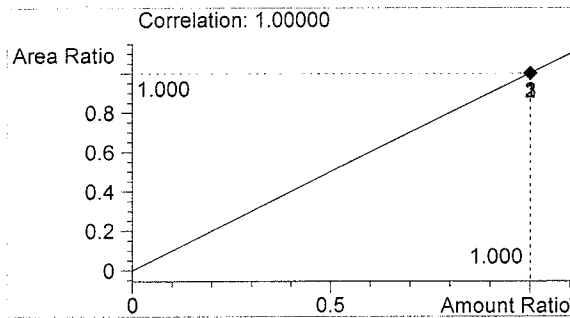


#	Compound	Area	RT
1	Ethanol	1257	1.004
2	n-Propanol	1517	1.655

Totals:



Ethanol 0.191 g/100ml

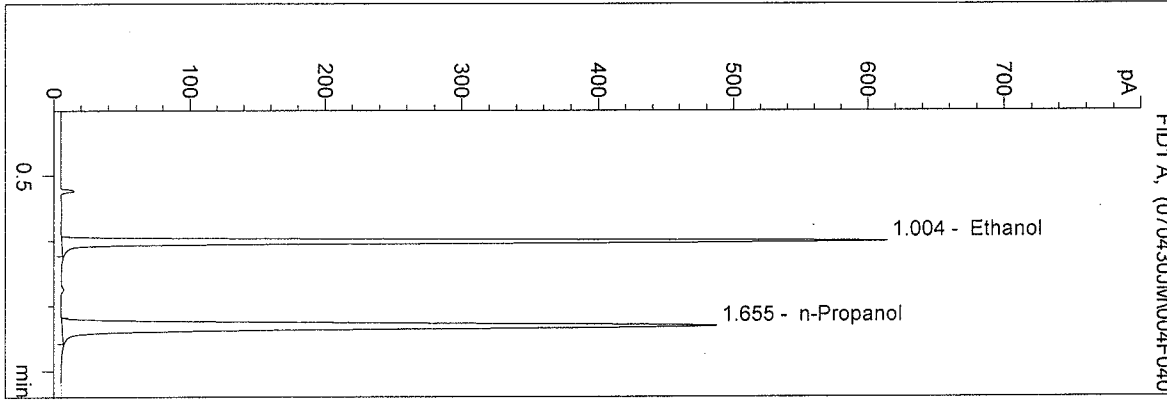


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/30/2007 5:24:58 PM
 Instrument 4
 DB-ALC1

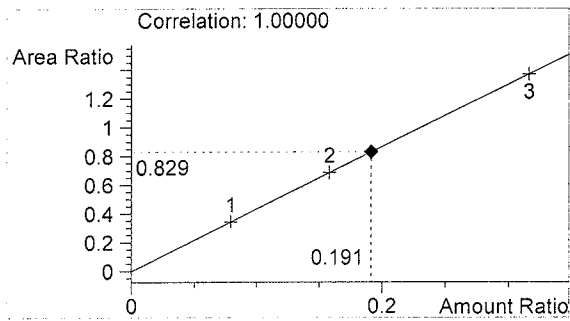
Q.A. Sol 07014-4
 Estuardo J. Miranda

vial # 4

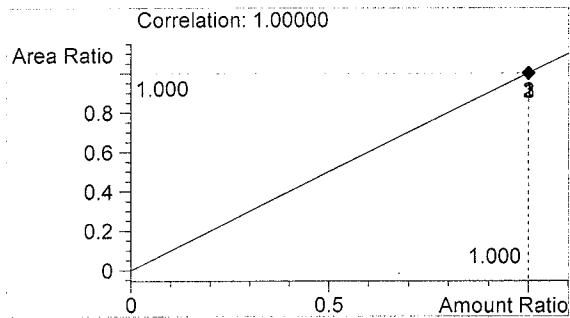


#	Compound	Area	RT
1	Ethanol	1266	1.004
2	n-Propanol	1527	1.655

Totals:



Ethanol 0.191 g/100ml

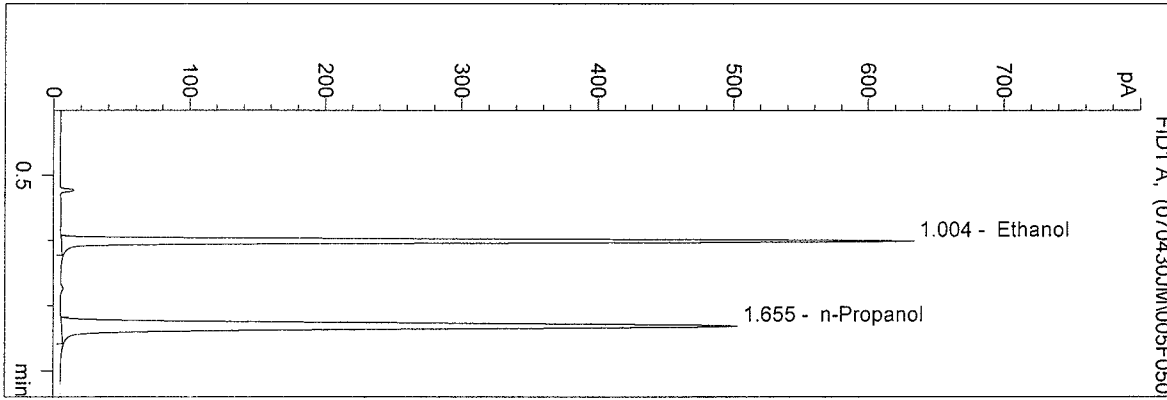


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/30/2007 5:28:08 PM
 Instrument 4
 DB-ALC1

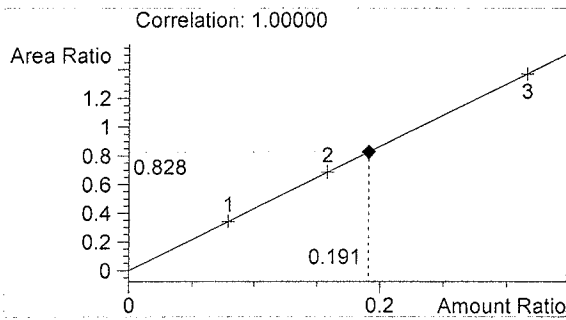
Q.A. Sol 07014-5
 Estuardo J. Miranda

vial # 5

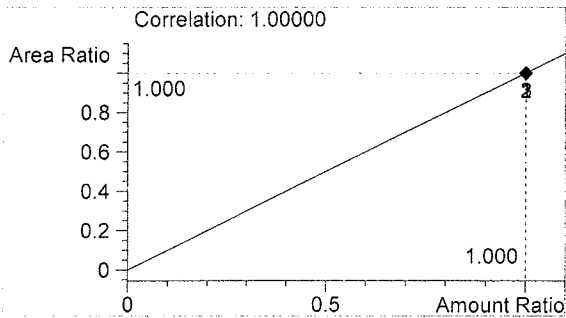


#	Compound	Area	RT
1	Ethanol	1305	1.004
2	n-Propanol	1577	1.655

Totals:



Ethanol 0.191 g/100ml

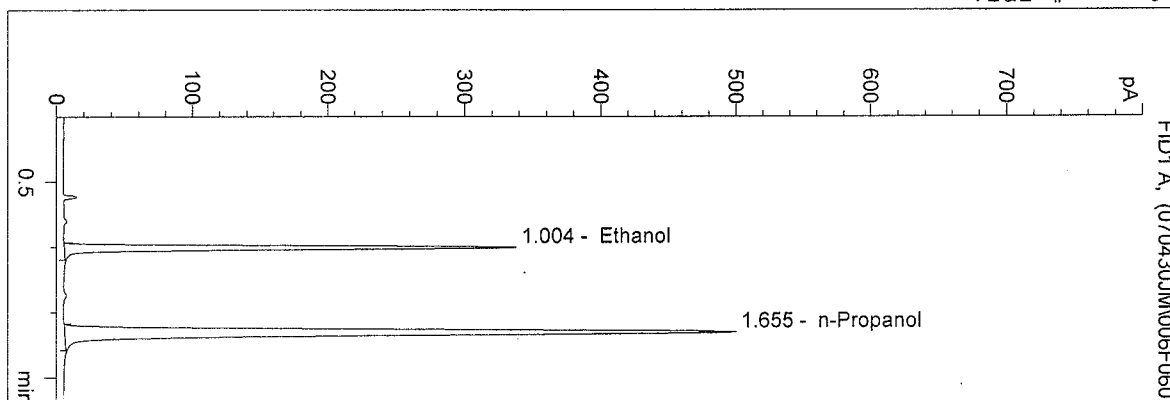


n-Propanol 1.000 g/100ml

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 4/30/2007 5:31:28 PM
 Instrument 4
 DB-ALC1

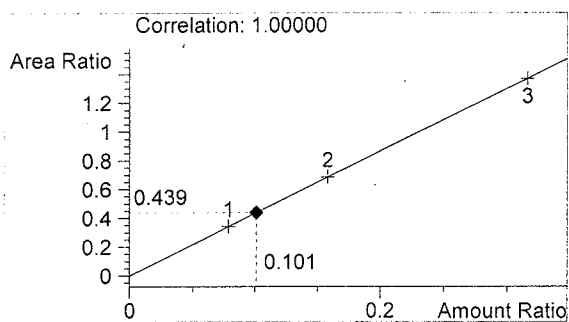
0.100 Control EM
 Estuardo J. Miranda

vial # 6

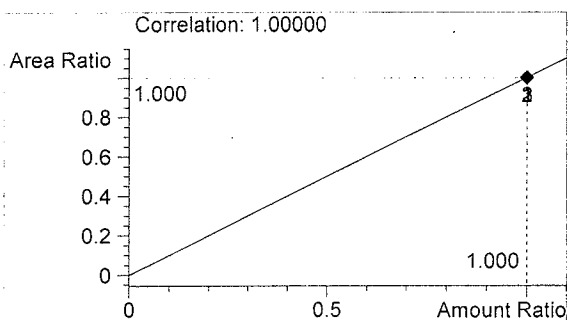


#	Compound	Area	RT
1	Ethanol	686	1.004
2	n-Propanol	1563	1.655

Totals:



Ethanol 0.101 g/100ml

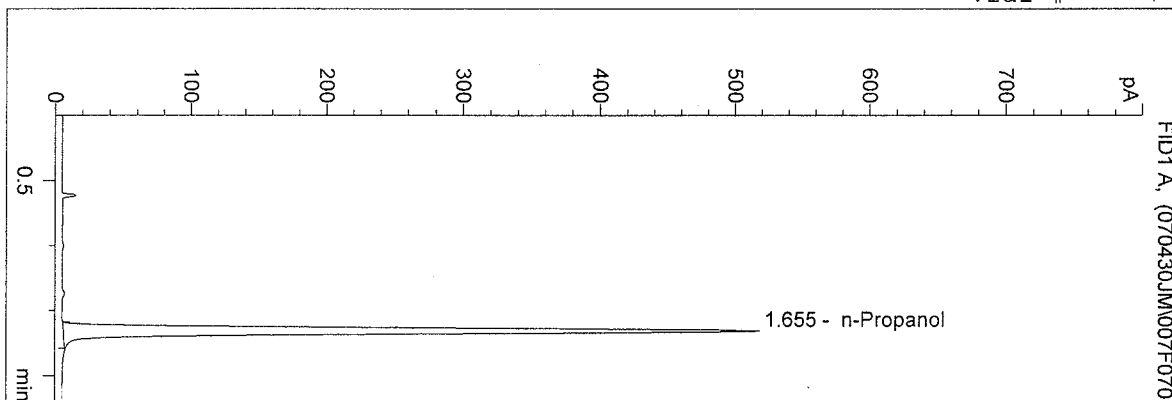


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 4/30/2007 5:36:50 PM
 Instrument 4
 DB-ALC1

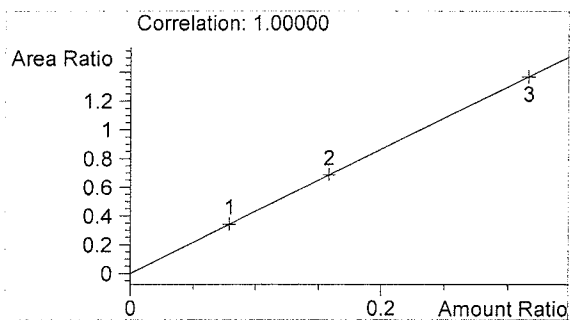
Blank
 Estuardo J. Miranda

vial # 7

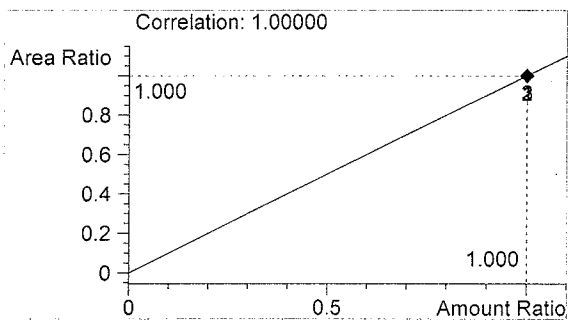


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1619	1.655

Totals:



Ethanol 0.000 g/100ml

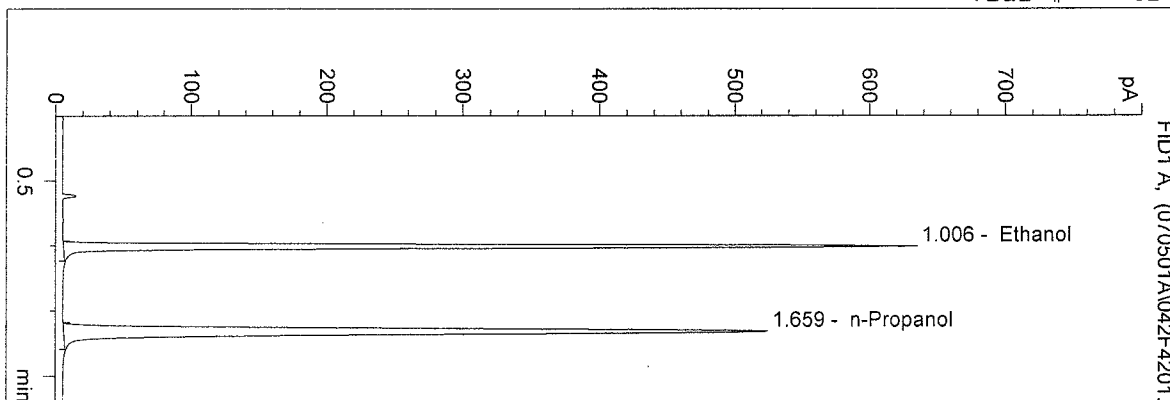


n-Propanol 1.000 g/100ml

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 5/1/2007 9:18:08 AM
 Instrument 4
 DB-ALC1

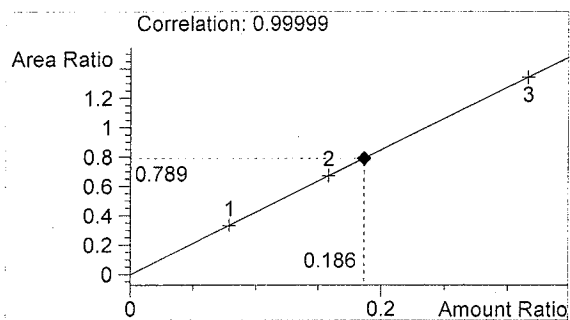
07014
 bcapron

vial # 42

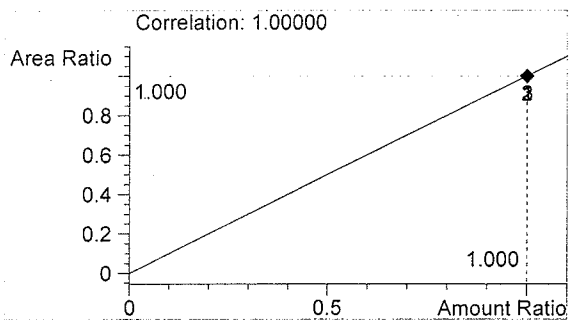


#	Compound	Area	RT
1	Ethanol	1292	1.006
2	n-Propanol	1637	1.659

Totals:



Ethanol 0.186 g/100ml

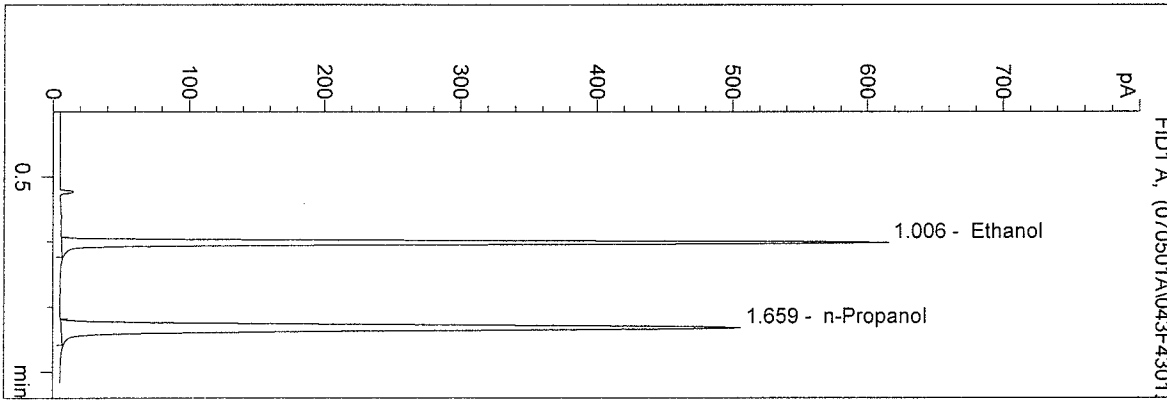


n-Propanol 1.000 g/100ml

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 5/1/2007 9:30:02 AM
 Instrument 4
 DB-ALC1

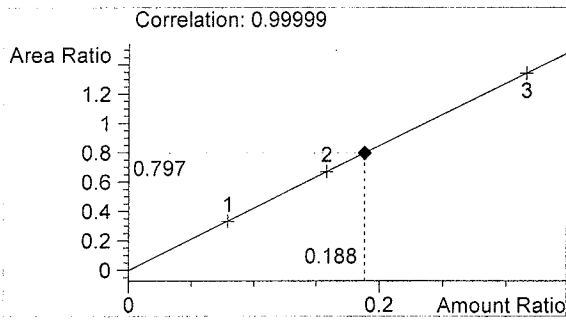
07014
 bcapron

vial # 43

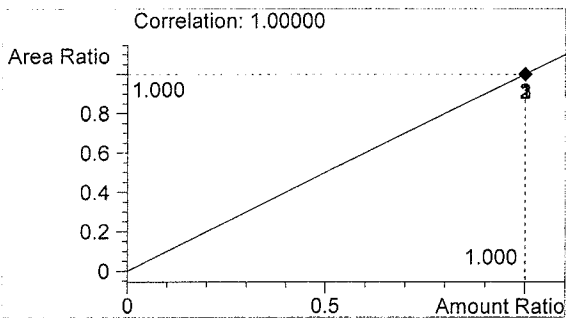


#	Compound	Area	RT
1	Ethanol	1263	1.006
2	n-Propanol	1584	1.659

Totals:



Ethanol 0.188 g/100ml

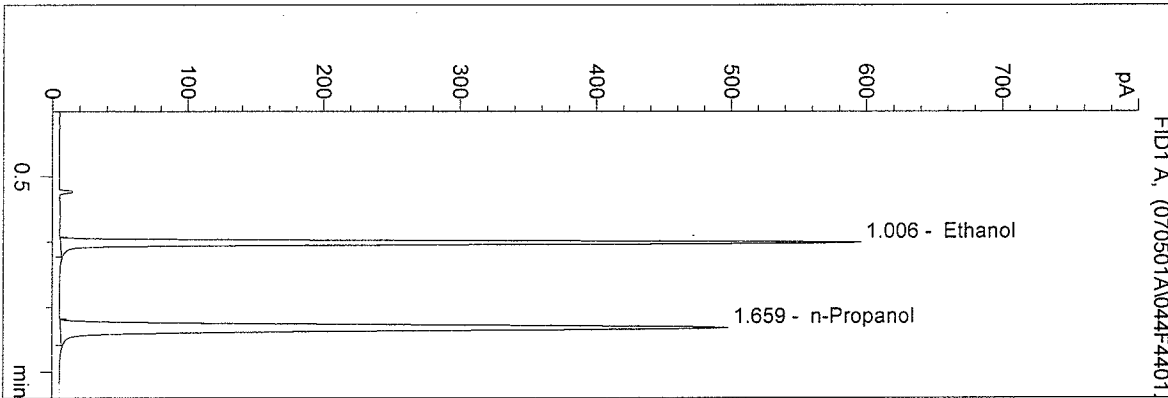


n-Propanol 1.000 g/100ml

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 5/1/2007 9:33:20 AM
 Instrument 4
 DB-ALC1

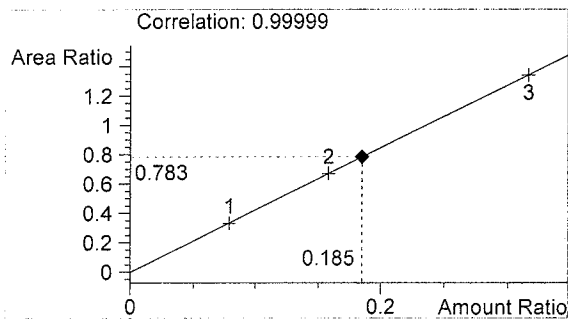
07014
 bcapron

vial # 44

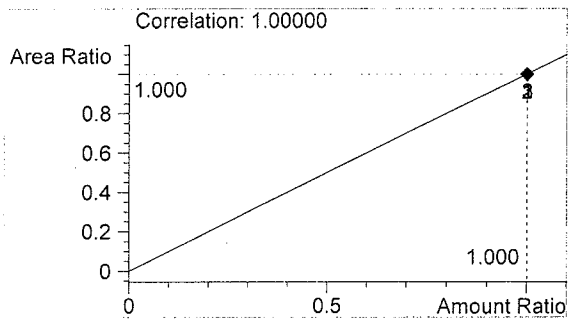


#	Compound	Area	RT
1	Ethanol	1220	1.006
2	n-Propanol	1558	1.659

Totals:



Ethanol 0.185 g/100ml

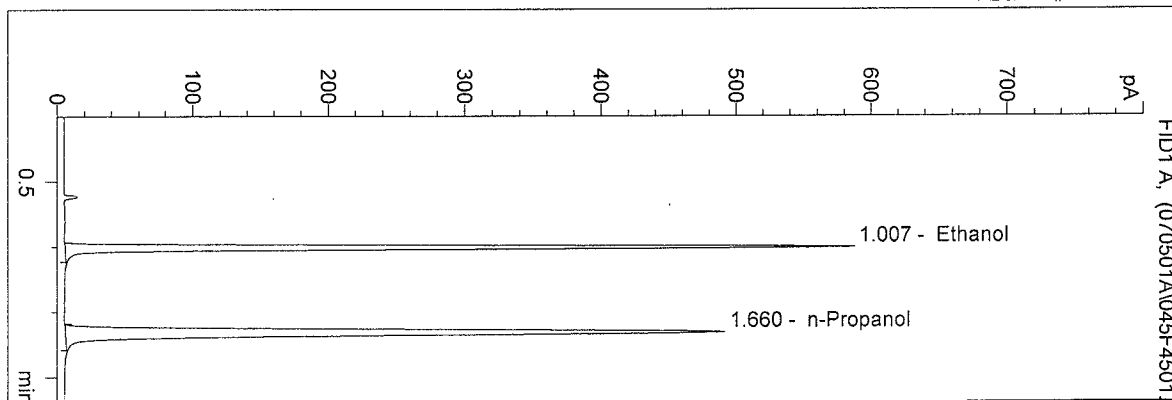


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

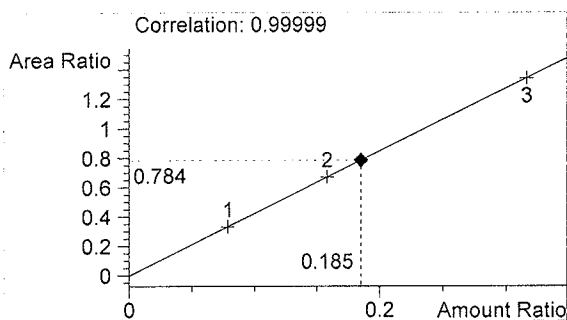
07014
 bcapron

vial # 45

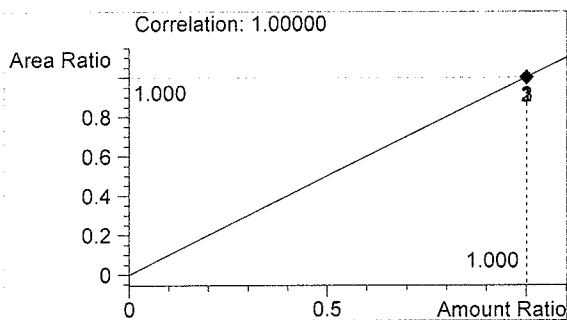


#	Compound	Area	RT
1	Ethanol	1205	1.007
2	n-Propanol	1538	1.660

Totals:



Ethanol 0.185 g/100ml

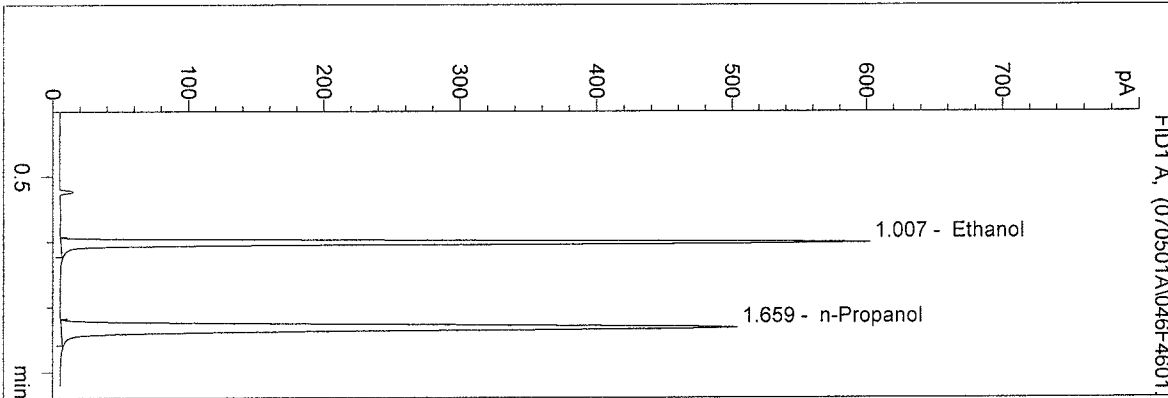


n-Propanol 1.000 g/100ml

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 5/1/2007 9:39:50 AM
 Instrument 4
 DB-ALC1

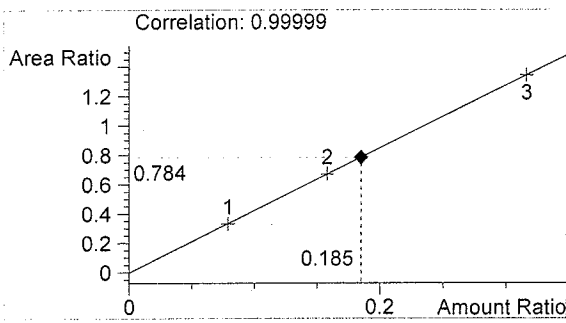
07014
 bcapron

vial # 46

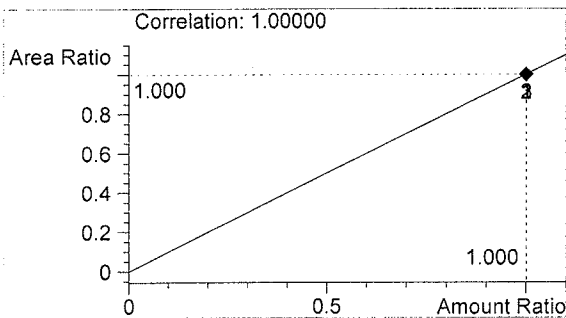


#	Compound	Area	RT
1	Ethanol	1238	1.007
2	n-Propanol	1579	1.659

Totals:



Ethanol 0.185 g/100ml

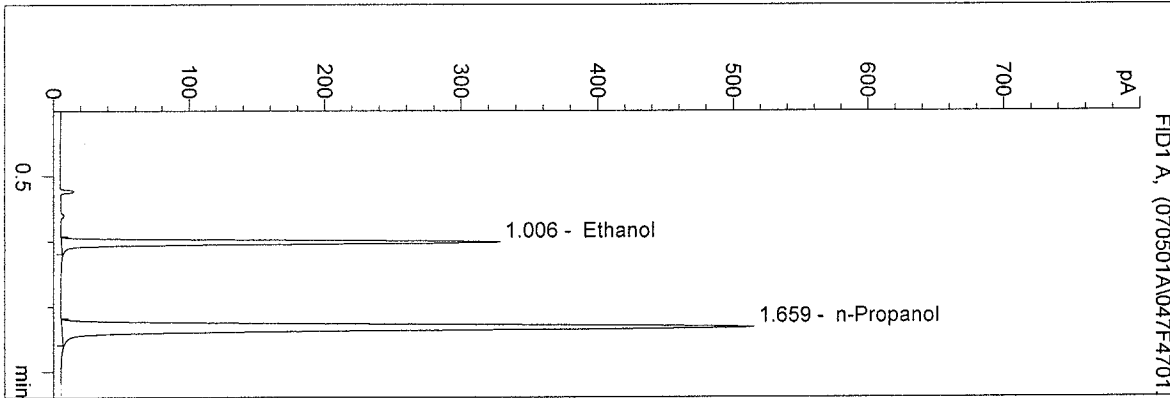


n-Propanol 1.000 g/100ml

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 5/1/2007 9:43:00 AM
 Instrument 4
 DB-ALC1

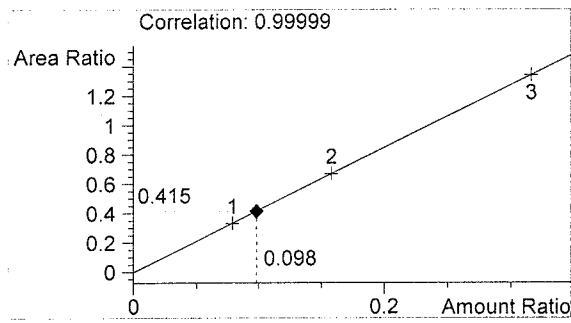
0.10 control bc
 bcapron

vial # 47

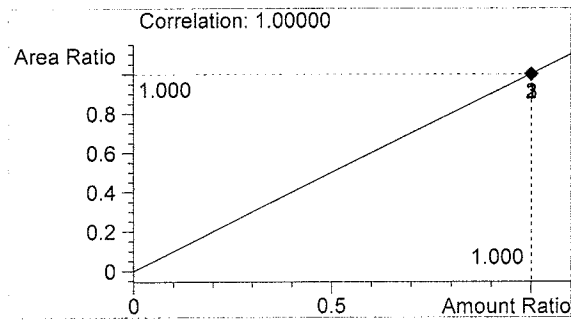


#	Compound	Area	RT
1	Ethanol	669	1.006
2	n-Propanol	1612	1.659

Totals:



Ethanol 0.098 g/100ml

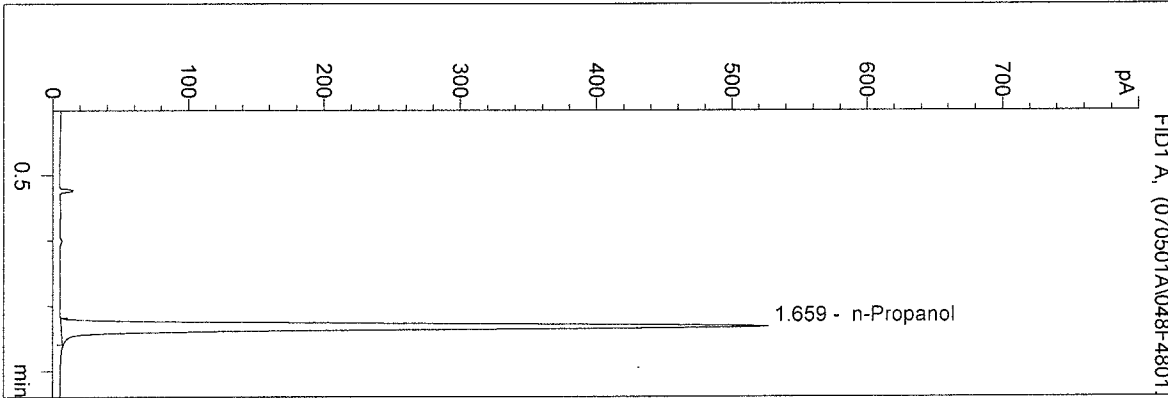


n-Propanol 1.000 g/100ml

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 Instrument 4
 DB-ALC1

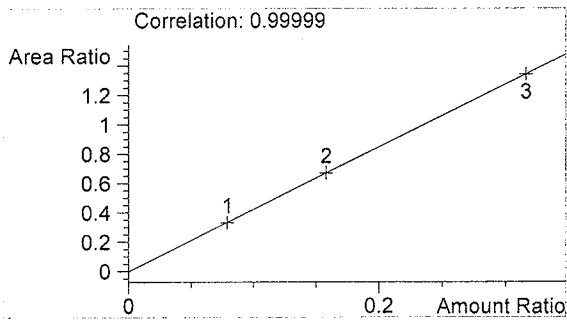
blank
 bcapron

vial # 48

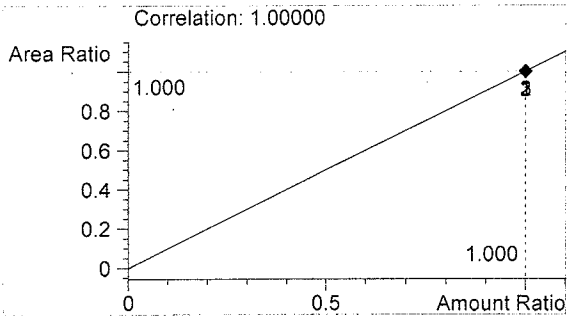


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1653	1.659

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml