

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.

Ken Denton 10/5/2007

Tpr. Ken Denton

Date

Rod Gullberg 10-5-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KRISTANTON/ROD GULLBERG Date 10-5-07
Location TOX LAB SEATTLE Batch Number 07039

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


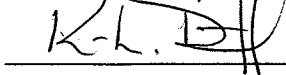
Equivalent vapor concent.: Correct Not Correct

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

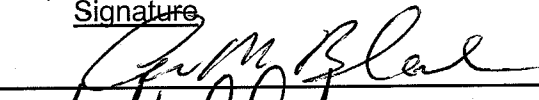

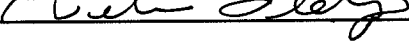
Preparation and certification of **0.10** g/210L Quality Assurance solution
 Batch number **07039** Date prepared: 09/20/2007
 Preparation: 28.9 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	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	0.129	0.128	0.127													
2	0.129	0.129	0.128													
3	0.129	0.128	0.128													
4	0.128	0.128	0.130													
5	0.128	0.128	0.129													
Ctrl	0.100	0.098	0.100													

Statistics:
 Avg. solution concent.: 0.1284 g/100 mL
 SD: 0.00074
 Precision CV (%): 0.5738 %

External Control:
 Lot #: A050528 Exp date: 7/2011
 Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.1044 g/210L

Analyst	Name	Signature	Date
1	Amanda Black		09/20/2007
2	Sarah M Swenson		09/20/2007
3	Rebecca Flaherty		09/21/2007
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

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 FOR LOT 07039


I, Amanda Black, 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 Chemistry and Veterinary Science.

The quality assurance solution, Lot Number 07039, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA


Amanda Black 10-01-07
Forensic Toxicologist Date

AB/jr
ABQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07039

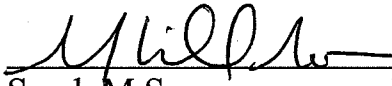
I, Sarah M Swenson, do certify under penalty of perjury that:

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 four years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07039, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA

 10/1/07
Sarah M Swenson Date
Forensic Toxicologist

SMS/jr
SMSQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07039


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 07039, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA

 10-1-07
Rebecca Flaherty Date
Forensic Toxicologist

RF/jr
RFQA

Batch Worksheet Checkoff

Please check the data entered into the worksheet is correct and that the date to the right of your name is the date that you tested the solution and then sign the worksheet.

Please initial below to affirm that you have:

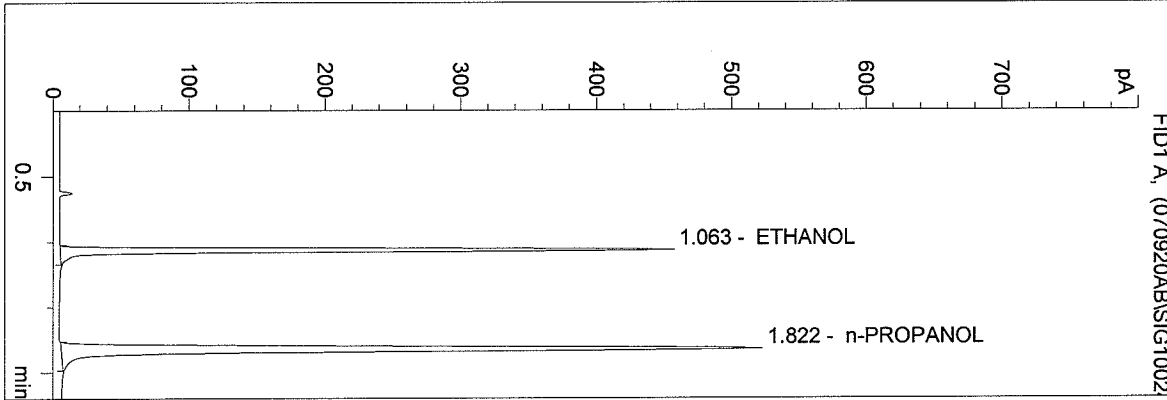
- 1 – Initialed and dated your chromatograms
- 2 – Checked your data
- 3 – Checked the date to the right of your name on the worksheet
- 4 – Signed the worksheet.

Initials	Date
Brianne Akins	
Brittany Ball	
Amanda Black <i>AB</i>	<i>10-01-07</i>
Brian Capron	
Rebecca Flaherty <i>RF</i>	<i>10-01-07</i>
Ed Formoso	
Christopher Johnston	
Justin Knoy	
Asa Louis	
Estuardo Miranda	
Christie Mitchell	
Lisa Noble	
Naziha Nuwayhid	
Melissa Pemberton <i>Melissa Pemberton</i>	<i>10-1-07</i>
Brianna Peterson	
Sarah Swenson <i>SMS</i>	<i>10/1/07</i>

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 2:45:40 PM
 Instrument 3
 db-alc2

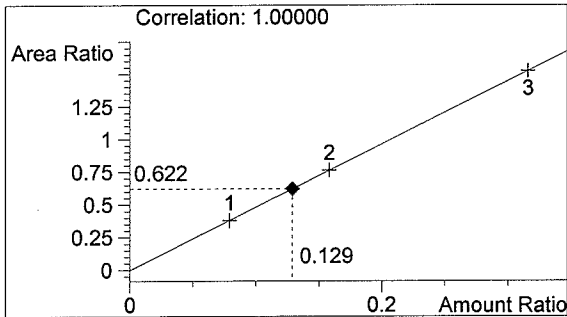
QA 07039-1
 A. Black

vial # 24



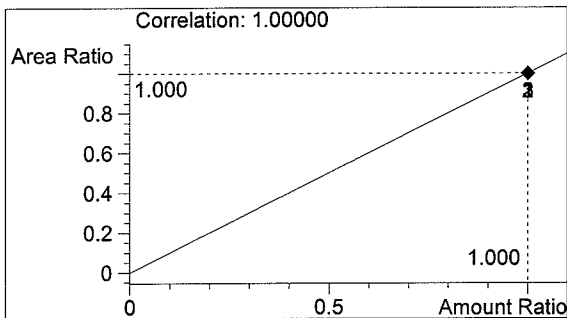
#	Compound	Area	RT
1	ETHANOL	884	1.063
2	n-PROPANOL	1423	1.822

Totals:



ETHANOL

0.129 g/100ml



n-PROPANOL

1.000 g/100ml

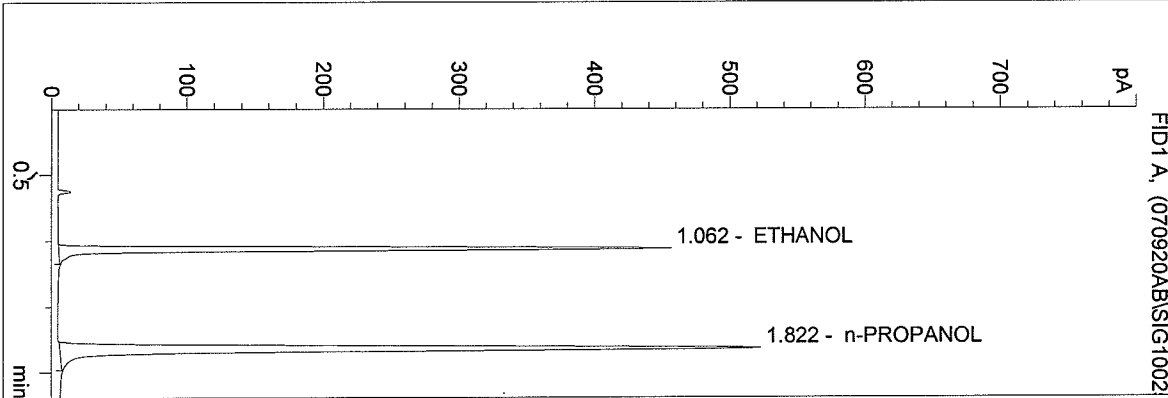
CALIBRATION FILED WITH 07037

10-10-07
 QB

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 Instrument 3
 db-alc2

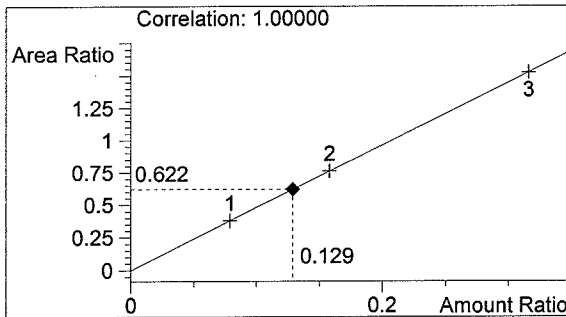
QA 07039-2
 A. Black

vial # 25



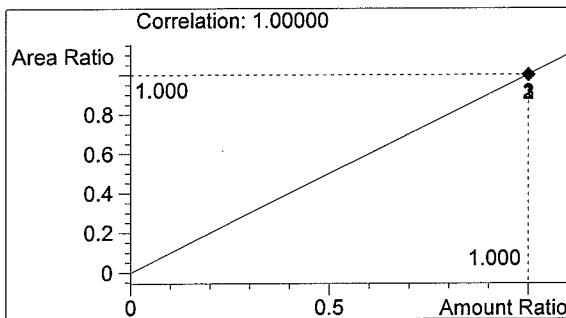
#	Compound	Area	RT
1	ETHANOL	886	1.062
2	n-PROPANOL	1425	1.822

Totals:



ETHANOL

0.129 g/100ml



n-PROPANOL

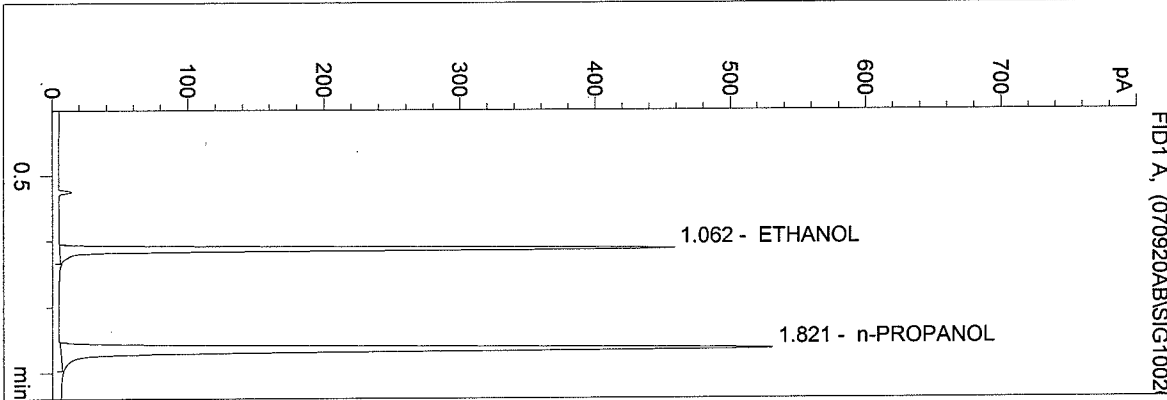
1.000 g/100ml

10-01-07
 OS

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 2:51:55 PM
 Instrument 3
 db-alc2

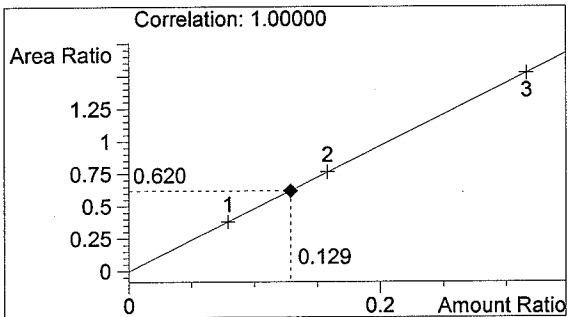
QA 07039-3
 A. Black

vial # 26



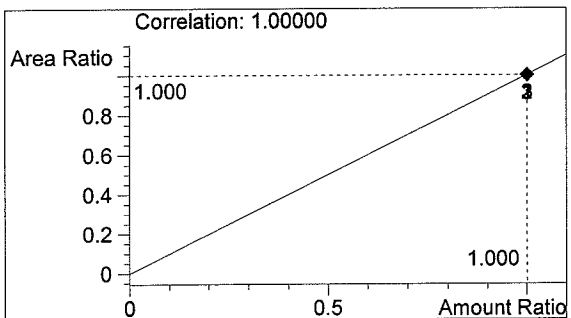
#	Compound	Area	RT
1	ETHANOL	900	1.062
2	n-PROPANOL	1453	1.821

Totals:



ETHANOL

0.129 g/100ml



n-PROPANOL

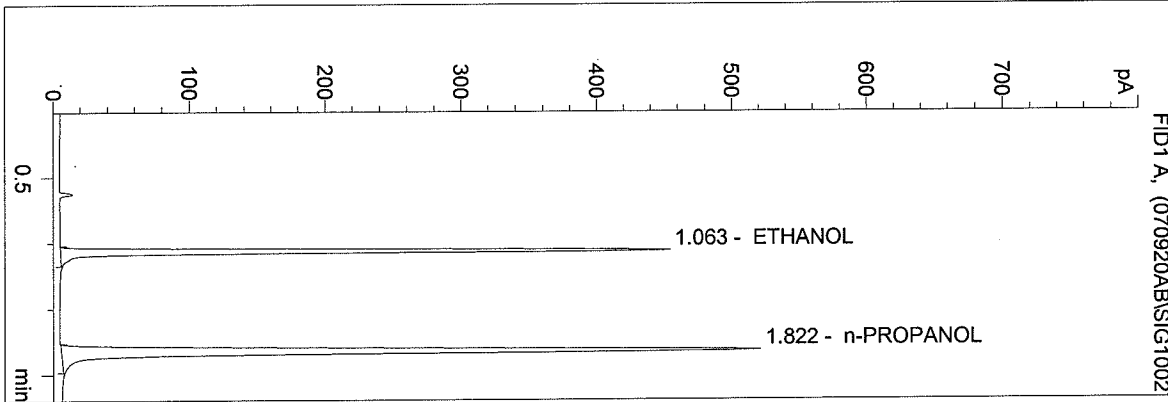
1.000 g/100ml

10-01-07
 QB

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 2:55:02 PM
 Instrument 3
 db-alc2

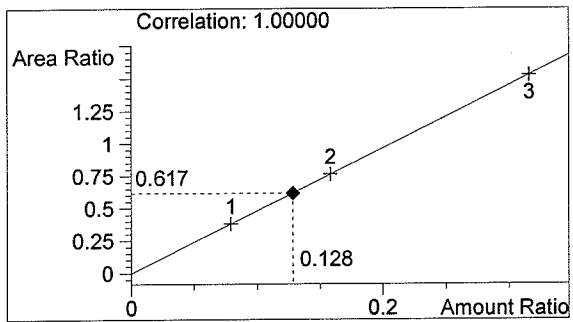
QA 07039-4
 A. Black

vial # 27



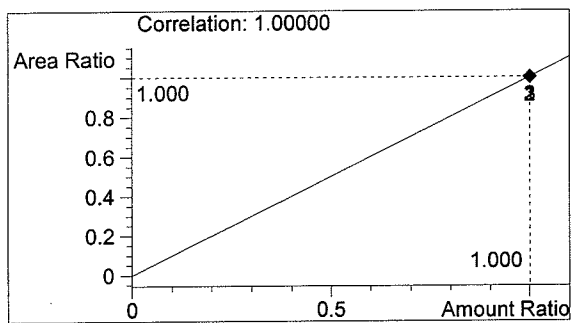
#	Compound	Area	RT
1	ETHANOL	876	1.063
2	n-PROPANOL	1421	1.822

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

1.000 g/100ml

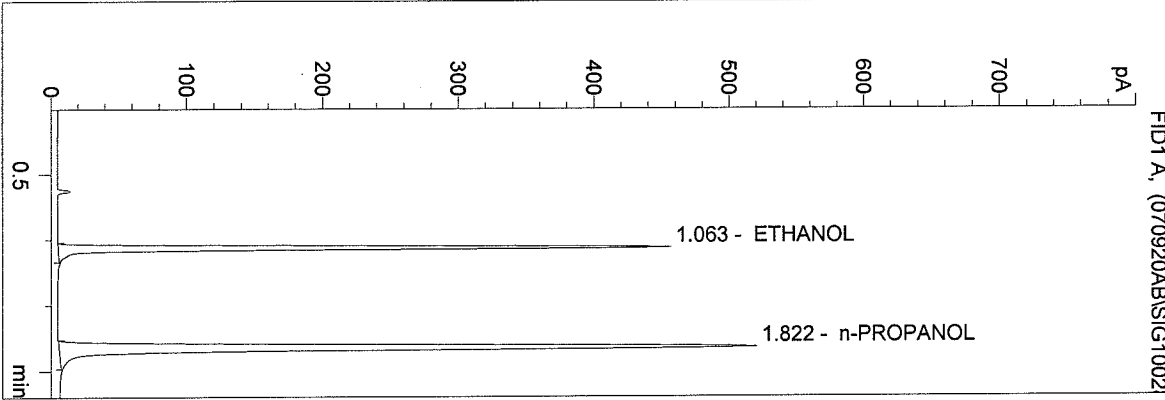
10-10-07
 98

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C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 2:58:09 PM
 Instrument 3
 db-alc2

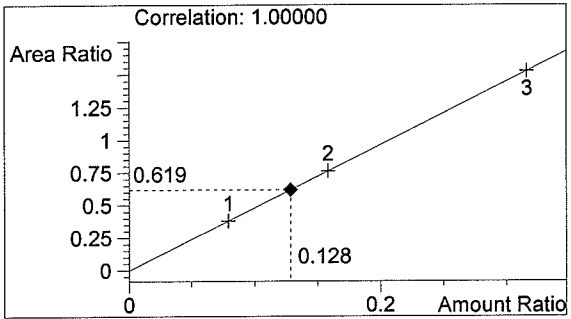
QA 07039-5
 A. Black

vial # 28



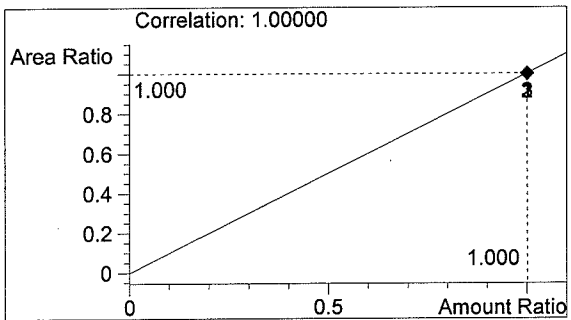
#	Compound	Area	RT
1	ETHANOL	879	1.063
2	n-PROPANOL	1419	1.822

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

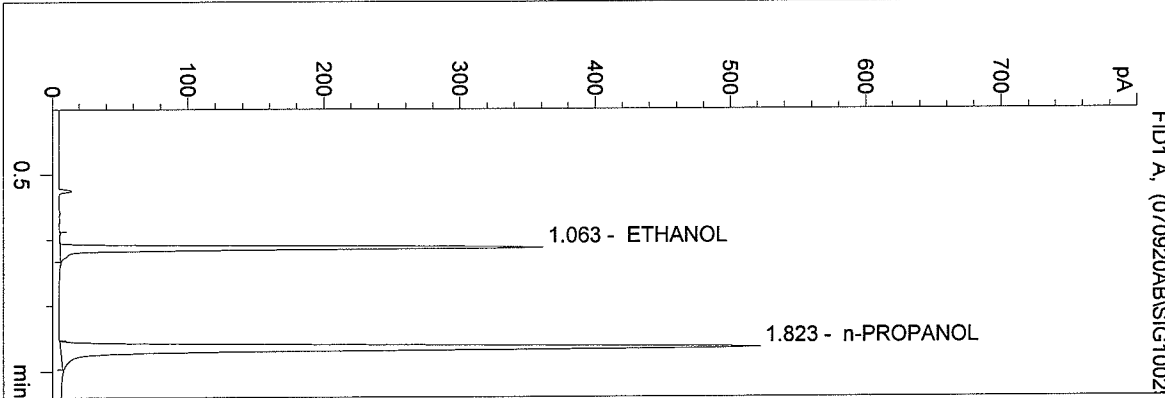
1.000 g/100ml

70-10-01
 88

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 3:01:16 PM
 Instrument 3
 db-alc2

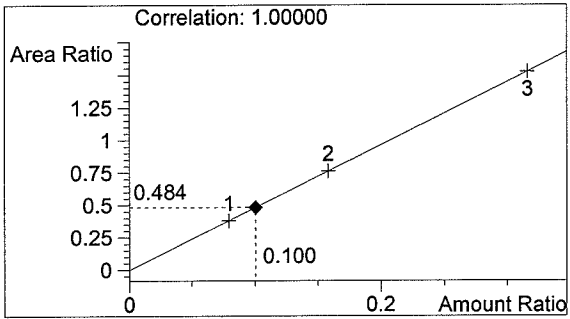
0.10 CONTROL-AB
 A. Black

vial # 29



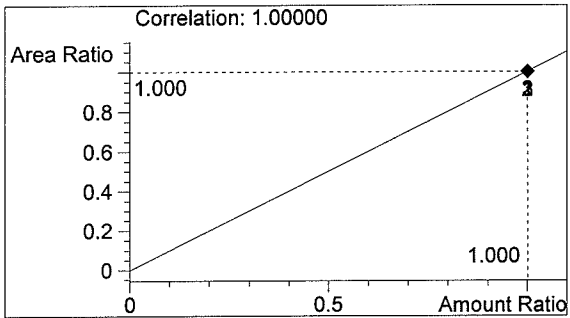
#	Compound	Area	RT
1	ETHANOL	688	1.063
2	n-PROPANOL	1422	1.823

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

1.000 g/100ml

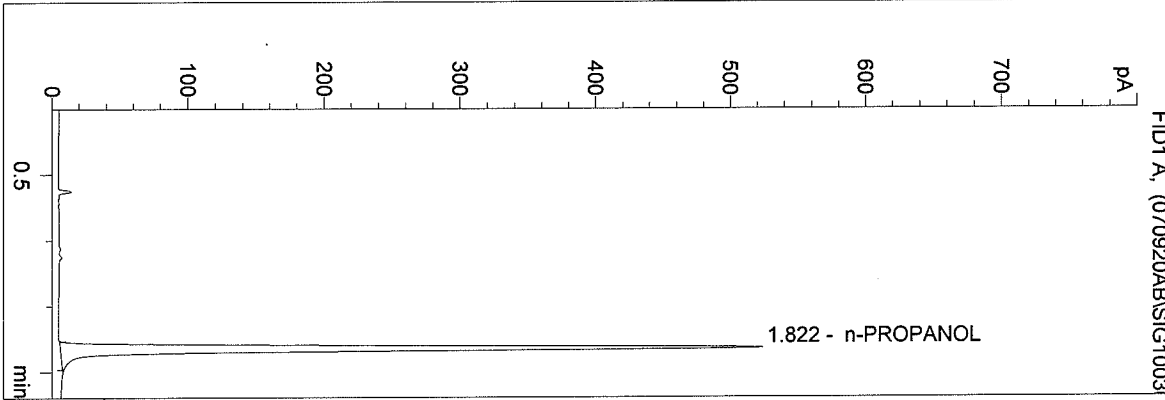
10-10-07
 AS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 3:04:23 PM
 Instrument 3
 db-alc2

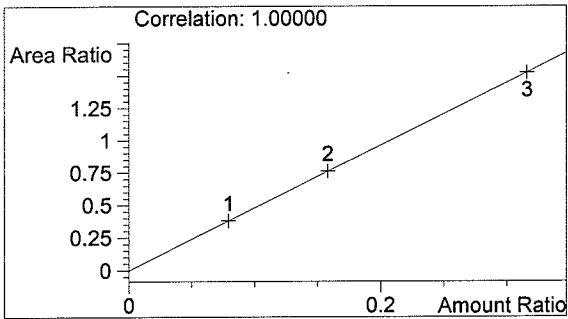
BLANK
 A. Black

vial # 30



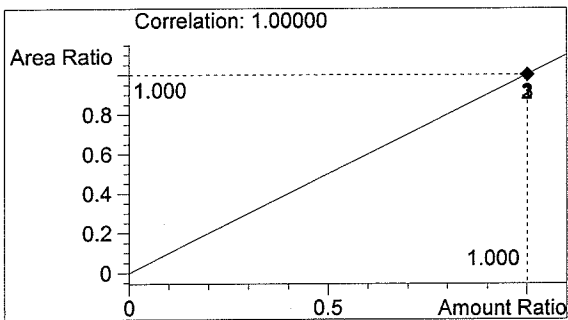
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1426	1.822

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

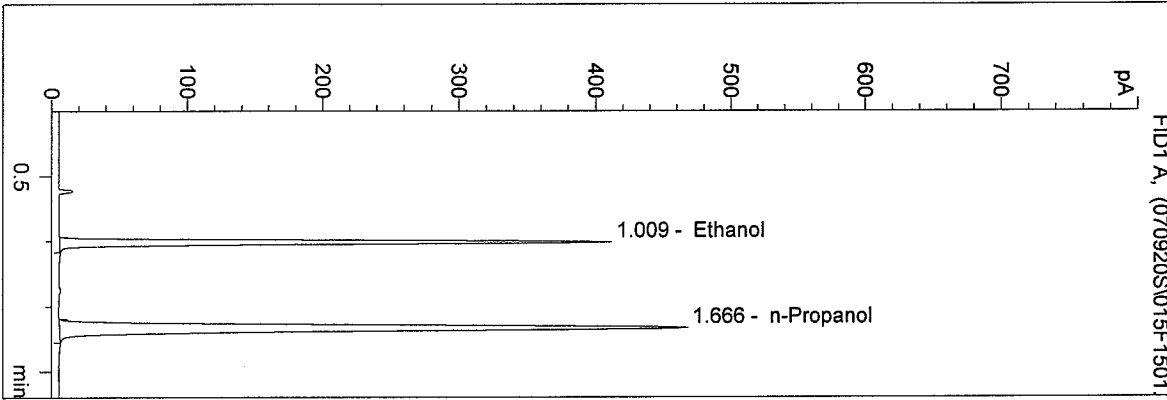
1.000 g/100ml

10-01-07
 AB

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:10:14 PM
 Instrument 4
 DB-ALC1

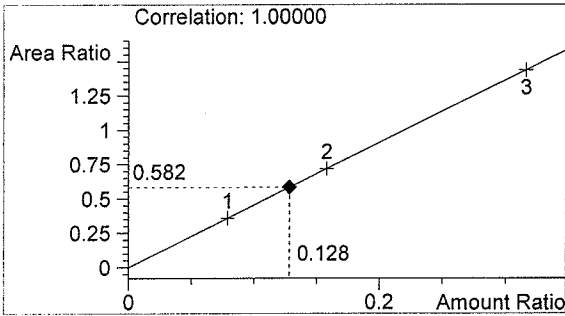
07039-1
 SARAH SWENSON

vial # 15

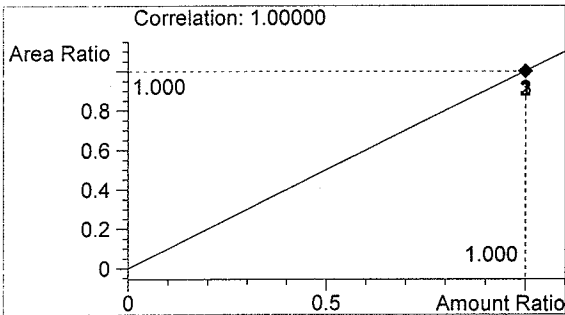


#	Compound	Area	RT
1	Ethanol	851	1.009
2	n-Propanol	1462	1.666

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

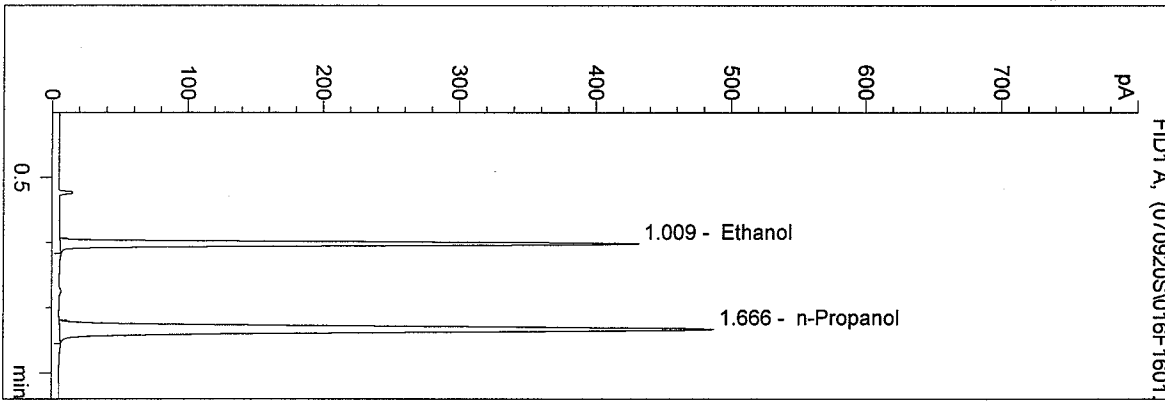
0.10 CTZ A050527 EXP. 7/11
 CAL FILED WITH CASE FILE
 STD707391

SMS
 10/1/07

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 9/20/2007 4:13:27 PM
 Instrument 4
 DB-ALC1

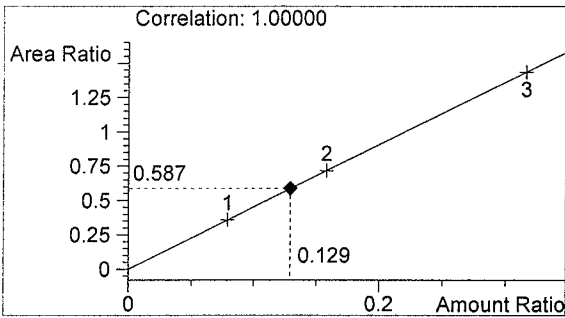
07039-2
 SARAH SWENSON

vial # 16

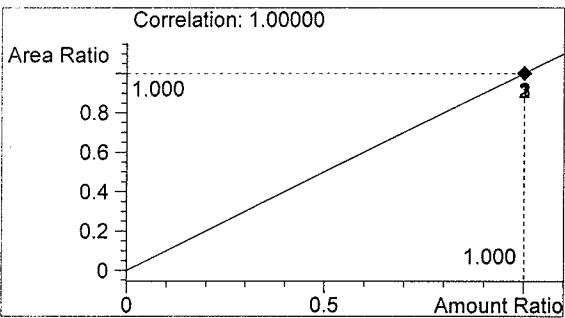


#	Compound	Area	RT
1	Ethanol	896	1.009
2	n-Propanol	1526	1.666

Totals:



Ethanol 0.129 g/100ml



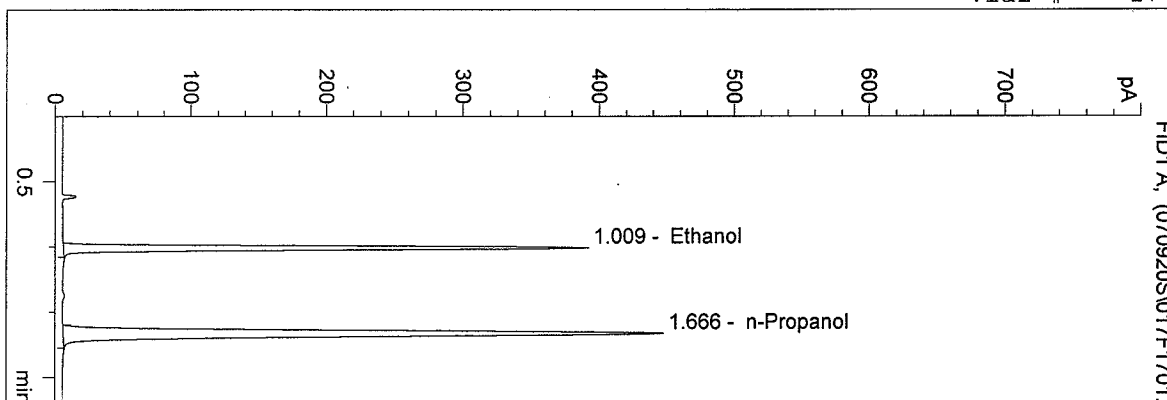
n-Propanol 1.000 g/100ml

SMS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:16:40 PM
 Instrument 4
 DB-ALC1

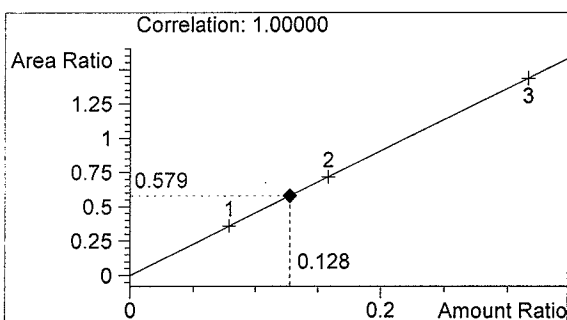
07039-3
 SARAH SWENSON

vial # 17

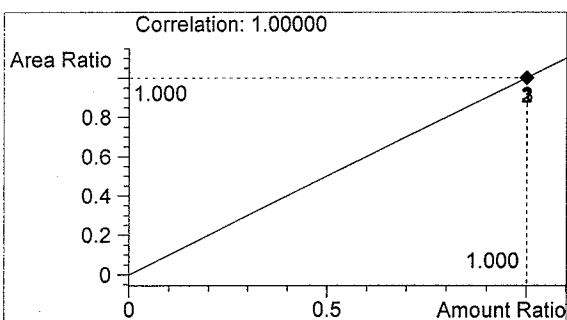


#	Compound	Area	RT
1	Ethanol	811	1.009
2	n-Propanol	1401	1.666

Totals:



Ethanol 0.128 g/100ml



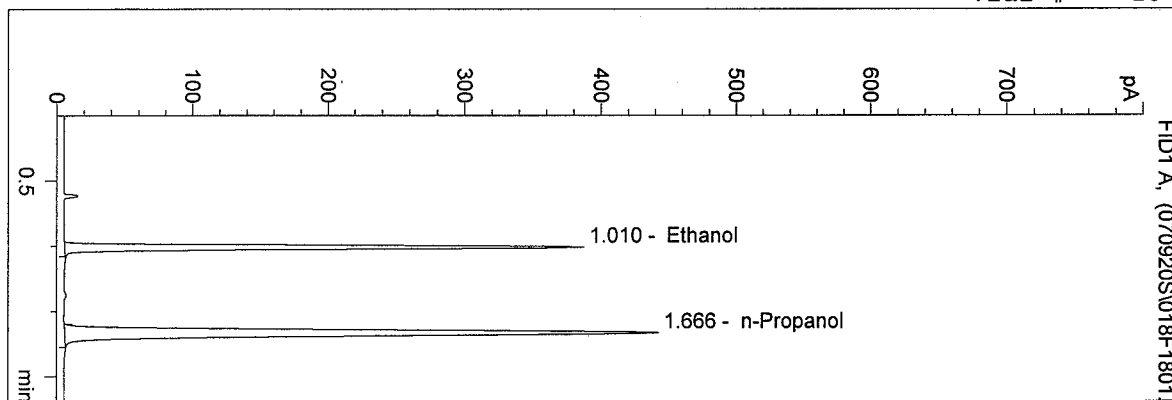
n-Propanol 1.000 g/100ml

SMS
 10/11/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:19:53 PM
 Instrument 4
 DB-ALC1

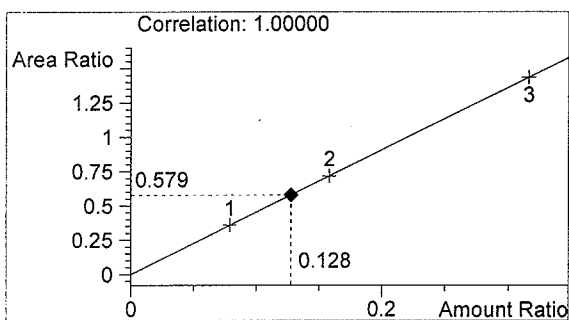
07039-4
 SARAH SWENSON

vial # 18

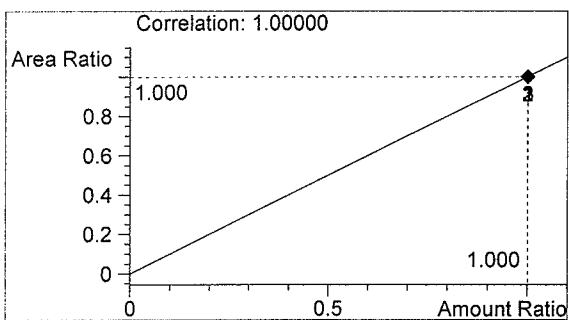


#	Compound	Area	RT
1	Ethanol	799	1.010
2	n-Propanol	1381	1.666

Totals:



Ethanol 0.128 g/100ml



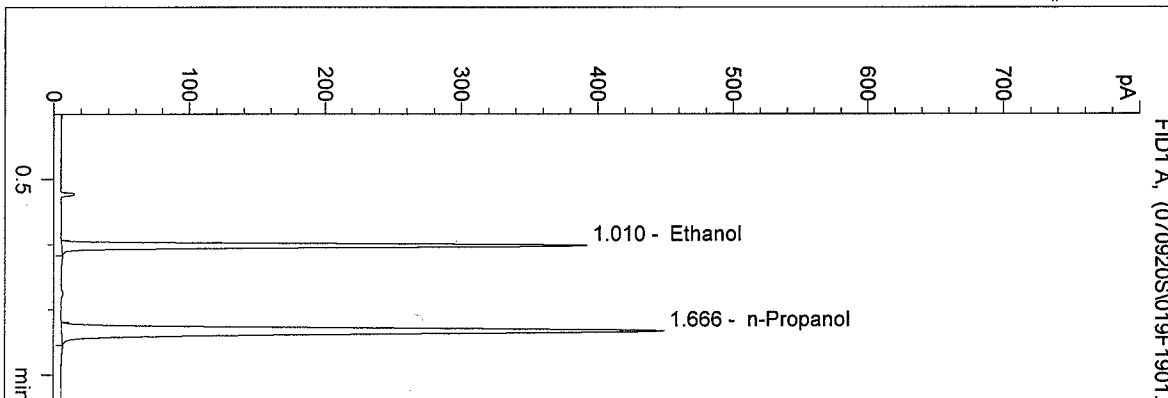
n-Propanol 1.000 g/100ml

SJS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:23:14 PM
 Instrument 4
 DB-ALC1

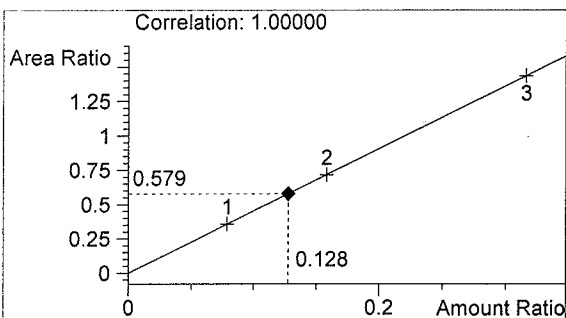
07039-5
 SARAH SWENSON

vial # 19

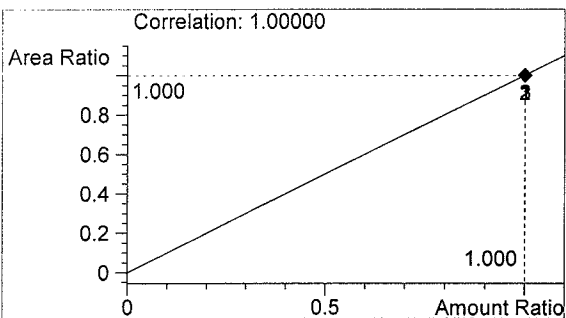


#	Compound	Area	RT
1	Ethanol	812	1.010
2	n-Propanol	1403	1.666

Totals:



Ethanol 0.128 g/100ml



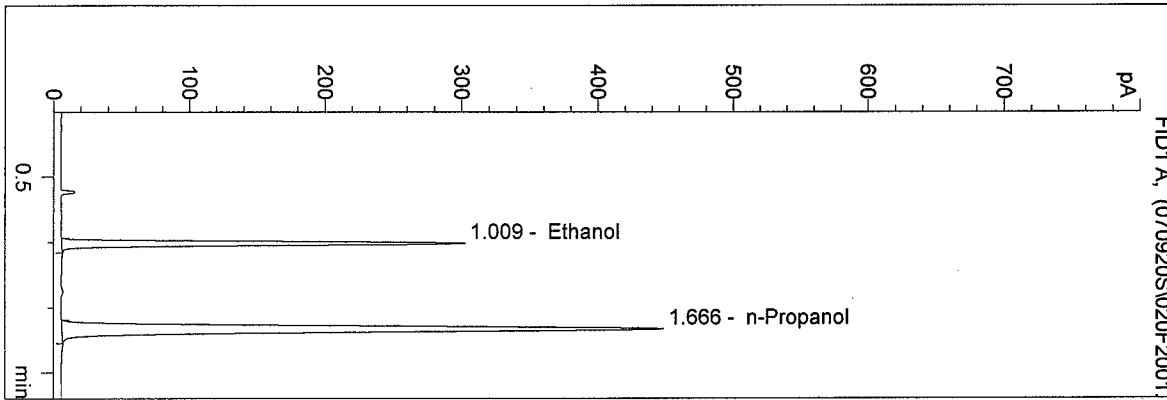
n-Propanol 1.000 g/100ml

SMS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:26:32 PM
 Instrument 4
 DB-ALC1

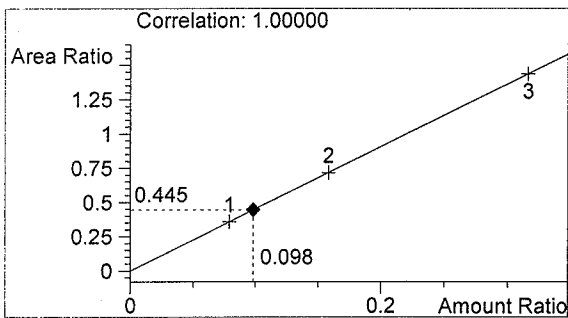
0.10 CTL-SS
 SARAH SWENSON

vial # 20

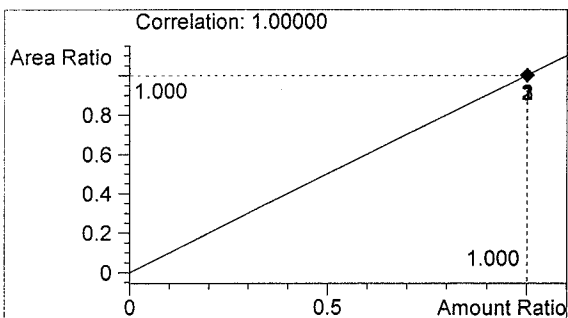


#	Compound	Area	RT
1	Ethanol	624	1.009
2	n-Propanol	1403	1.666

Totals:



Ethanol 0.098 g/100ml



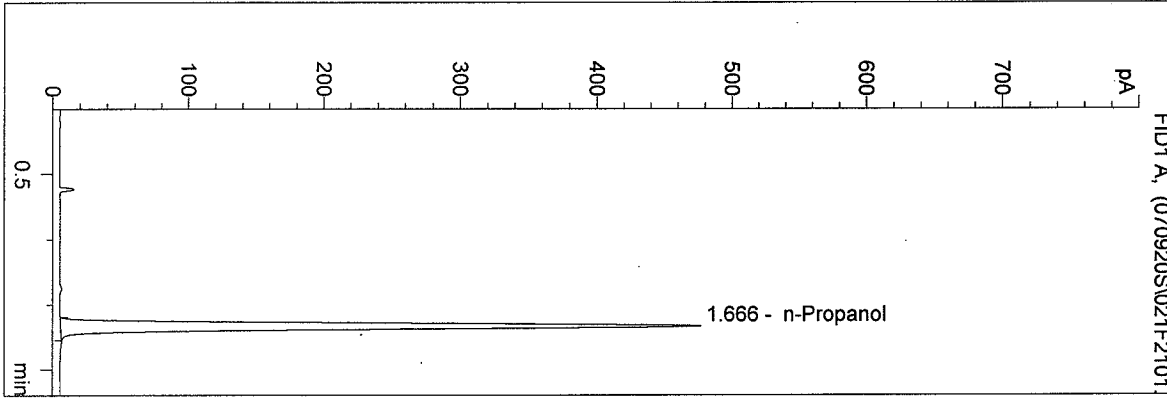
n-Propanol 1.000 g/100ml

SMS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:29:51 PM
 Instrument 4
 DB-ALC1

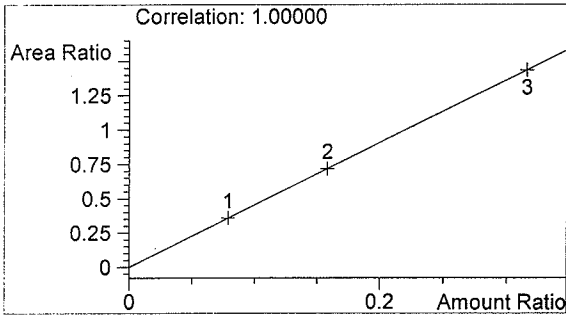
BLANK
 SARAH SWENSON

vial # 21

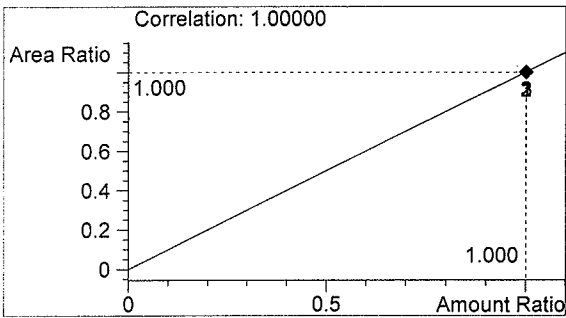


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1490	1.666

Totals:



Ethanol 0.000 g/100ml



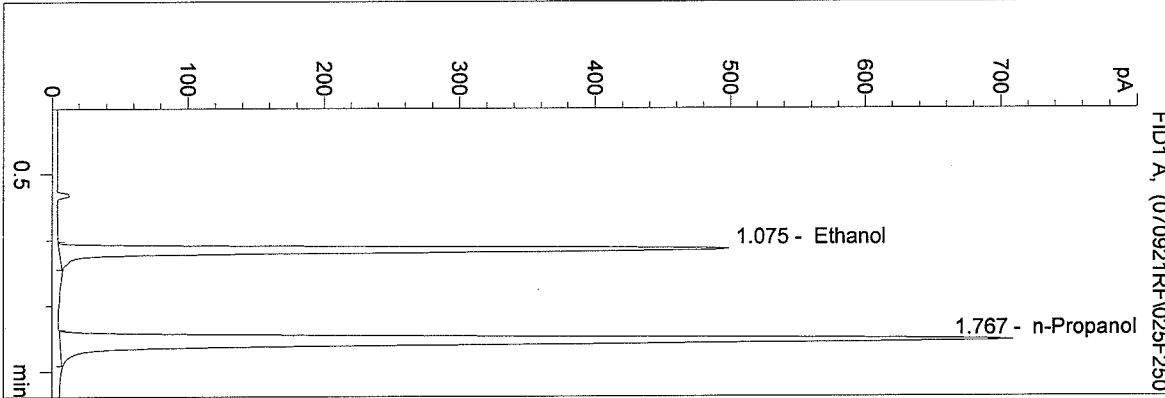
n-Propanol 1.000 g/100ml

SMS
 10/1/07

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/21/2007 11:10:36 AM
 Instrument 1
 DB ALC 1

QA07039-1
 R Flaherty

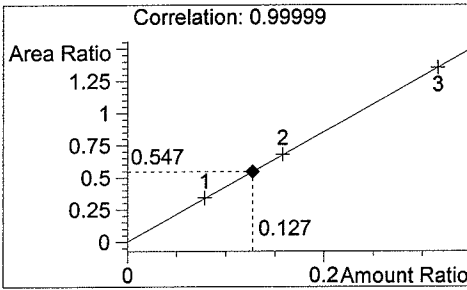
vial # 25



RF
 10/11/07 RF

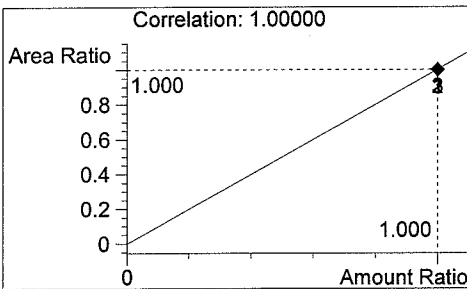
#	Compound	Area	RT
1	Ethanol	1519	1.075
2	n-Propanol	2778	1.767

Tot



Ethanol

0.127 g/100ml



n-Propanol

1.000 g/100ml

0.10 control lot #A050528
 EXP 07/2011

Calibration filed with
 8 QA07037

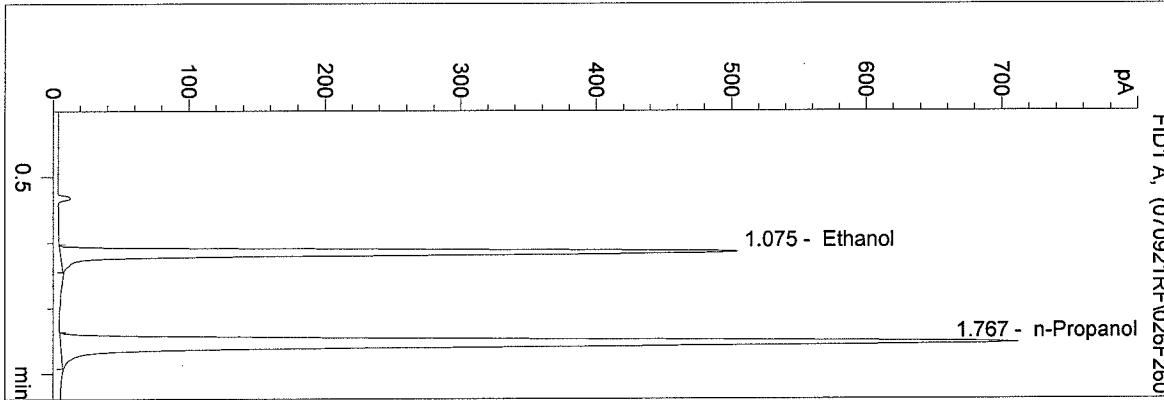
RF
 10/11/07

RF 10/11/07

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/21/2007 11:13:41 AM
 Instrument 1
 DB ALC 1

QA07039-2
 R Flaherty

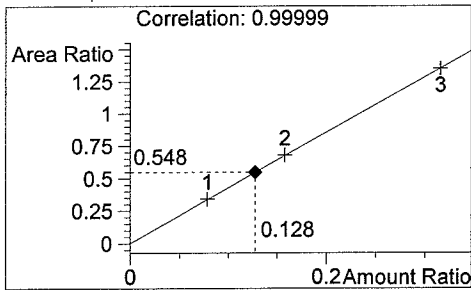
vial # 26



RF
 10/1/07 RF

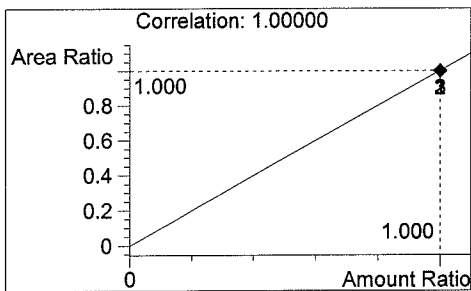
#	Compound	Area	RT
1	Ethanol	1534	1.075
2	n-Propanol	2798	1.767

Tot



Ethanol

0.128 g/100ml



n-Propanol

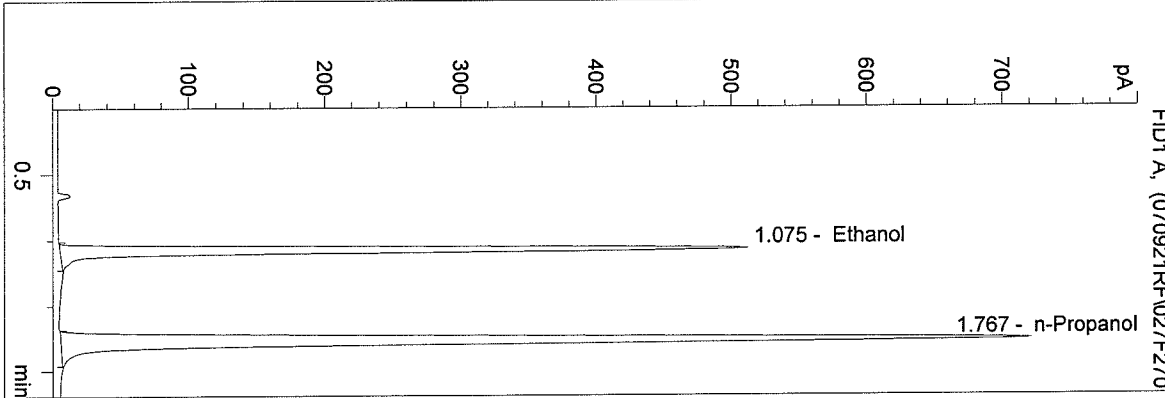
1.000 g/100ml

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 9/21/2007 11:16:46 AM
 Instrument 1
 DB ALC 1

QA07039-3
 R Flaherty

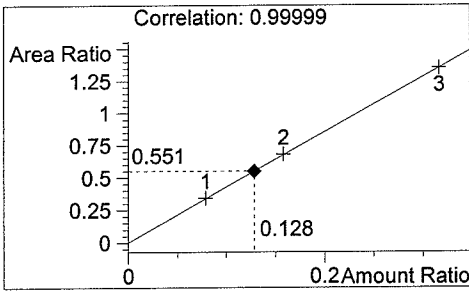
vial # 27



RF
 10/1/07 RF

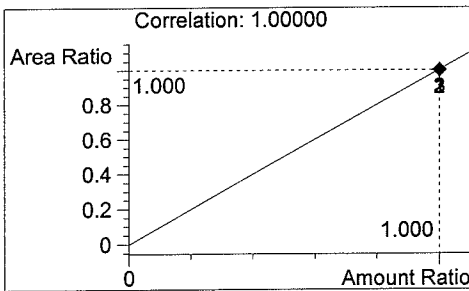
#	Compound	Area	RT
1	Ethanol	1557	1.075
2	n-Propanol	2825	1.767

Tot



Ethanol

0.128 g/100ml



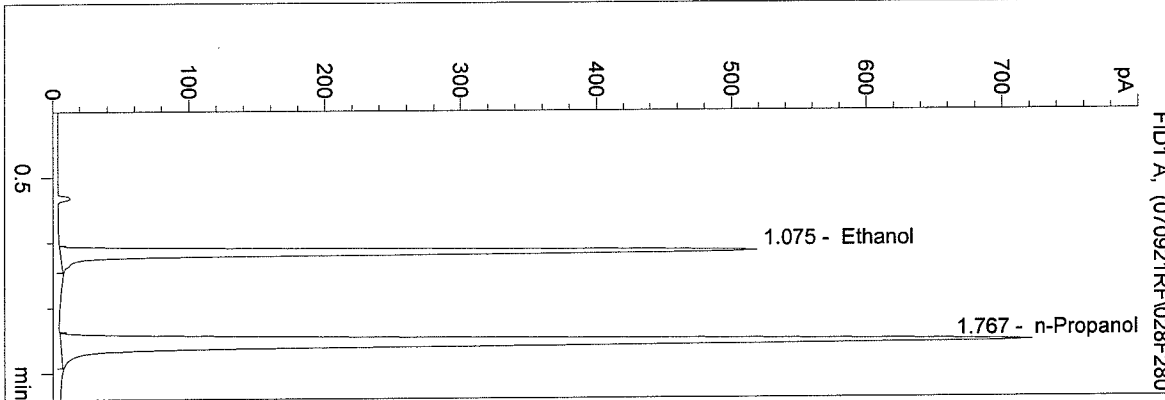
n-Propanol

1.000 g/100ml

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 9/21/2007 11:19:51 AM
 Instrument 1
 DB ALC 1

QA07039-4
 R Flaherty

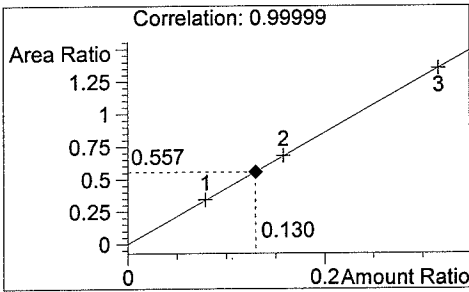
vial # 28



RF
 10/1/07 RF

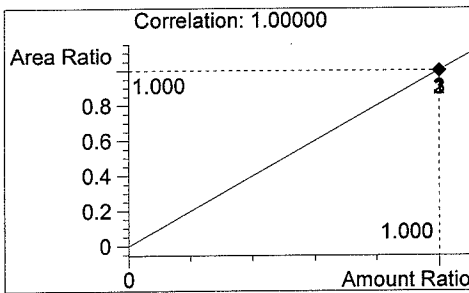
#	Compound	Area	RT
1	Ethanol	1577	1.075
2	n-Propanol	2831	1.767

Tot



Ethanol

0.130 g/100ml



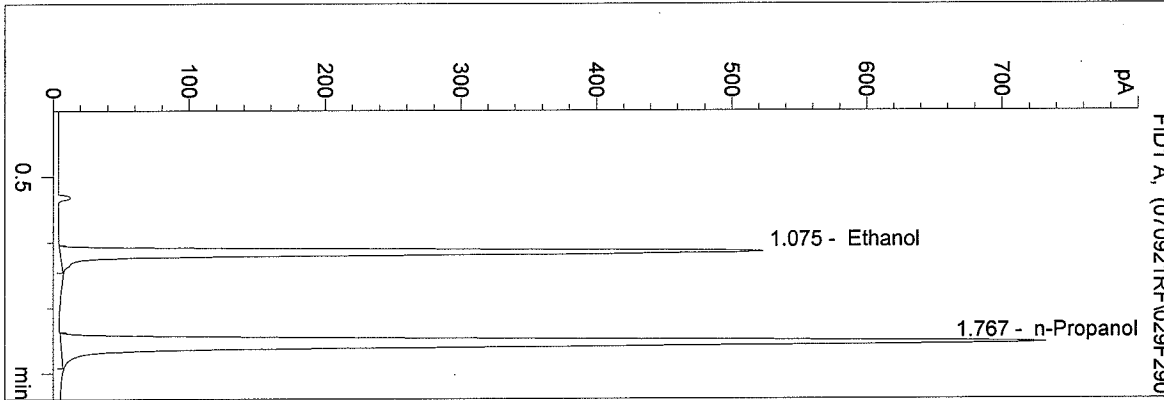
n-Propanol

1.000 g/100ml

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 9/21/2007 11:22:56 AM
 Instrument 1
 DB ALC 1

QA07039-5
 R Flaherty

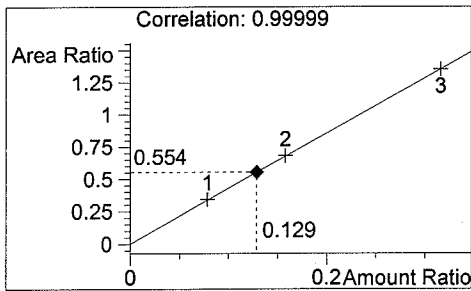
vial # 29



RF
 10/1/07 RF

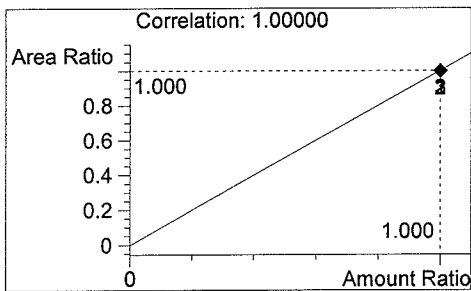
#	Compound	Area	RT
1	Ethanol	1590	1.075
2	n-Propanol	2871	1.767

Tot



Ethanol

0.129 g/100ml



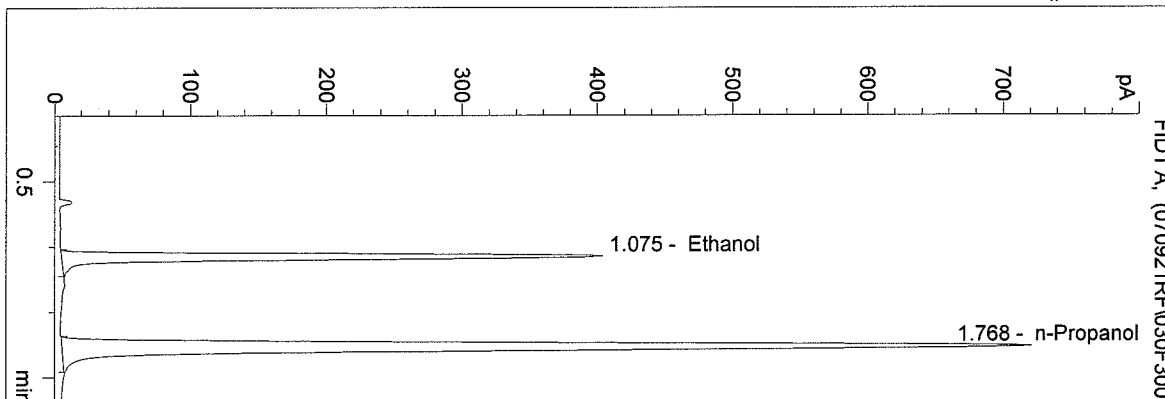
n-Propanol

1.000 g/100ml

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 9/21/2007 11:26:00 AM
 Instrument 1
 DB ALC 1

0.100 Control RF
 R Flaherty

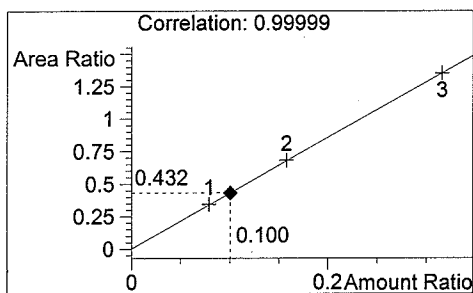
vial # 30



RF
 10/1/07RF

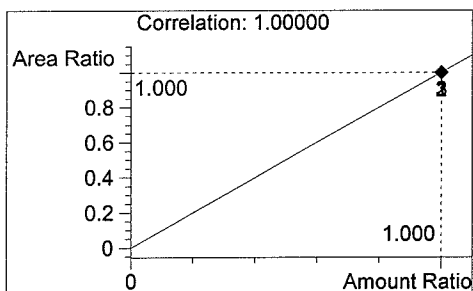
#	Compound	Area	RT
1	Ethanol	1225	1.075
2	n-Propanol	2835	1.768

Tot



Ethanol

0.100 g/100ml



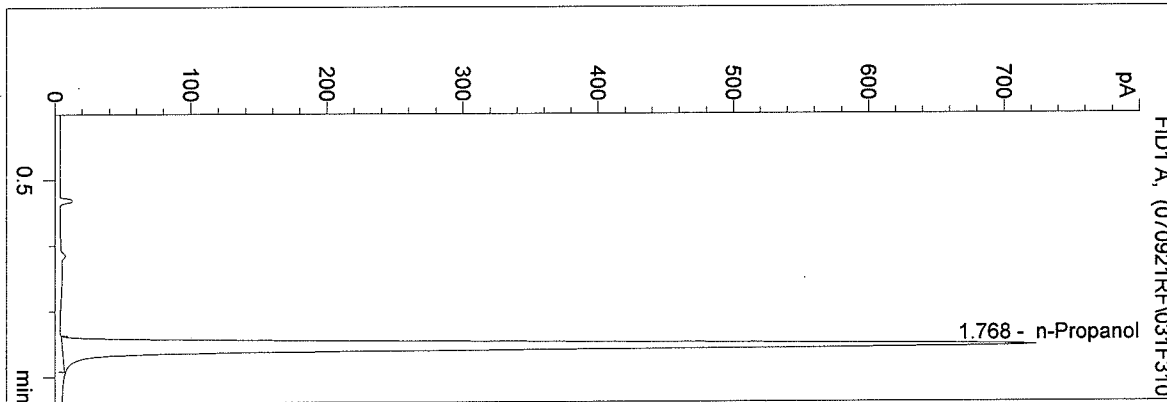
n-Propanol

1.000 g/100ml

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 9/21/2007 11:29:05 AM
 Instrument 1
 DB ALC 1

blank
 R Flaherty

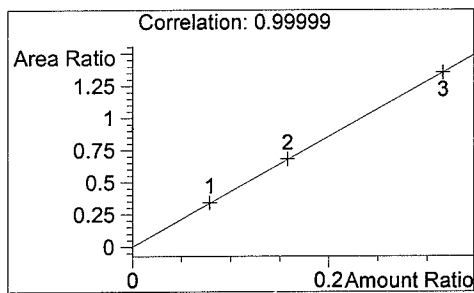
vial # 31



RF
 10/1/07RF

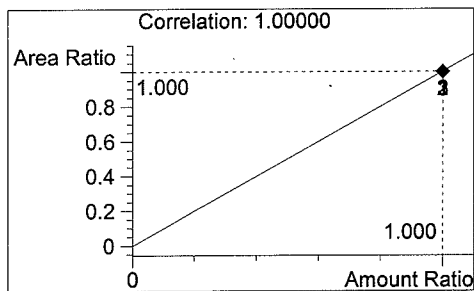
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2848	1.768

Tot



Ethanol

0.000 g/100ml



n-Propanol

1.000 g/100ml