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.

K.L.T. 10/15/2007

Tpr. Ken Denton Date

R.G.G. 10-15-07

Rod G. Gullberg Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROB GULLBERG Date 10-9-07

Location TOX LAB SEATTLE Batch Number 05019

Form Review Criteria

Preparation date precedes all analysis dates: Okay X Not Okay ___

Data entry corresponds to all chromatograms: Okay X Not Okay ___

All signatures present: Okay X Not Okay ___

Computations:

Avg. solution concentration: Correct X Not Correct ___

Standard deviation: Correct X Not Correct ___

Range: Correct X Not Correct ___

Precision: Correct X Not Correct ___

Equivalent vapor concent.: Correct X Not Correct ___

External Control Information (lot # and future date): Correct X Not Correct ___

Complies with accuracy and precision requirements established by the State Toxicologist: Yes X No ___

Corrections Necessary:

Comments:

Reviewer Signature: _____ Date: 10-9-07

Reviewer Signature: _____ Date: 10/9/2007

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

Preparation and certification of **0.08** g/210L **Quality Assurance solution**

Batch number **05019** Date: 5/24/2005

Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water

Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.099	0.097	0.097									
2	0.099	0.097	0.098									
3	0.099	0.098	0.098									
4	0.099	0.097	0.098									
5	0.098	0.098	0.098									
Ctrl	0.101	0.098	0.099									

External Control:

Lot #: A028603 Exp date: 12/07

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0980 g/100 mL

SD: 0.00076

Range (3xSD): 0.0957 to 0.1003

Precision CV (%): 0.7714 %

Equivalent vapor concent.: 0.0797 g/210L

Analyst	Name	Signature	Date
1	Mary E Wilson		05/24/2005
2	Edward Formoso		05/25/2005
3	William P Marshall		05/26/2005
4			
5			
6			
7			
8			
9			
10			
11			
12			

Prepared by: Mary E Wilson 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, Mary E. Wilson, do certify under penalty of perjury as follows:

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

I possess the following qualifications: BS degree in Biology and a minor in Chemistry with three years of experience in toxicology, including two years in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 05019, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0980 grams per 100ml.

Dated: 6/8/05
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/la
MEWQA

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, Edward J. Formoso, do certify under penalty of perjury as follows:

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

I possess the following qualifications: B.S. degree in Chemistry and twenty-eight years experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 05019, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0980 grams per 100ml.

Dated: 6/8/05
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/la
EFQA

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, William P. Marshall, do certify under penalty of perjury as follows:

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

I possess the following qualifications: BS degree in Chemistry and thirty-one years of analytical laboratory experience including fifteen years of toxicology experience.

The quality assurance solution, Lot Number 05019 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0980 grams per 100ml.

Dated: 6/8/05
Seattle, WA

William P. Marshall
Forensic Toxicologist

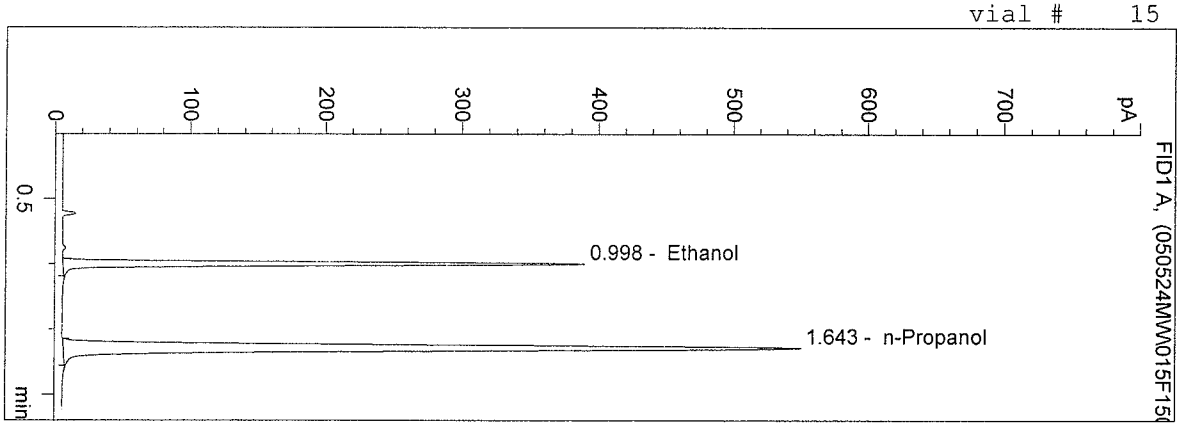
WM/la
WMQA

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/24/2005 2:50:54 PM
Instrument 4
DB-ALC1

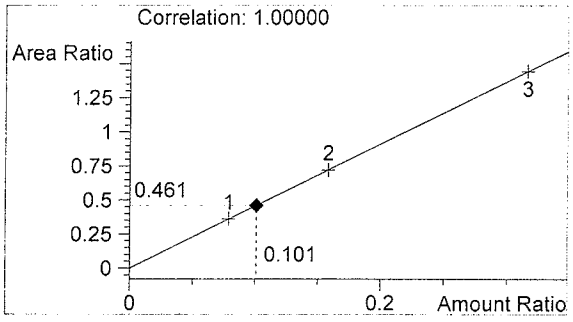
0.10ctlmw
mary wilson

vial # 15

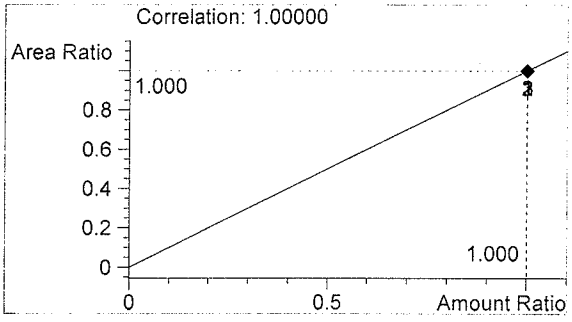


#	Compound	Area	RT
1	Ethanol	789	0.998
2	n-Propanol	1713	1.643

Totals:



Ethanol 0.101 g/100ml

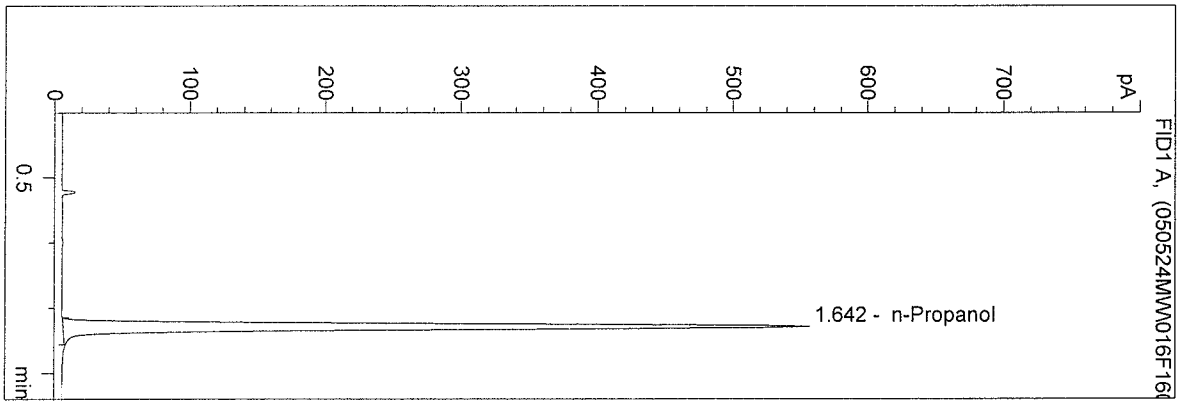


n-Propanol 1.000 g/100ml

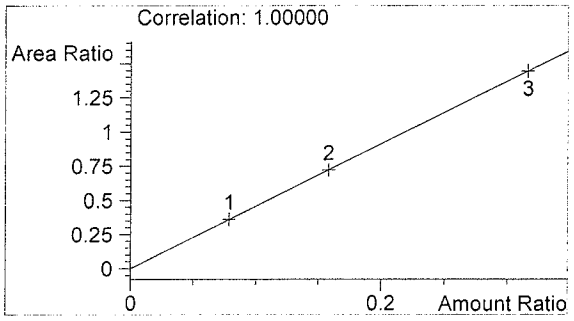
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/24/2005 2:54:07 PM blank
Instrument 4 mary wilson
DB-ALC1

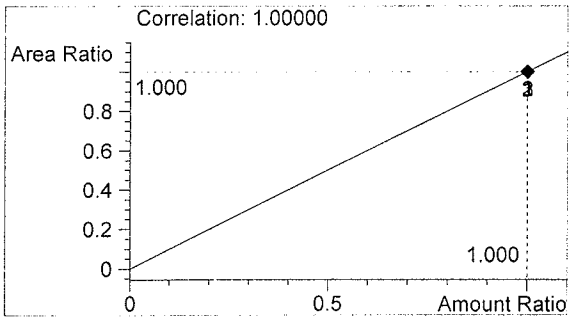
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1734	1.642
Totals:			



Ethanol 0.000 g/100ml



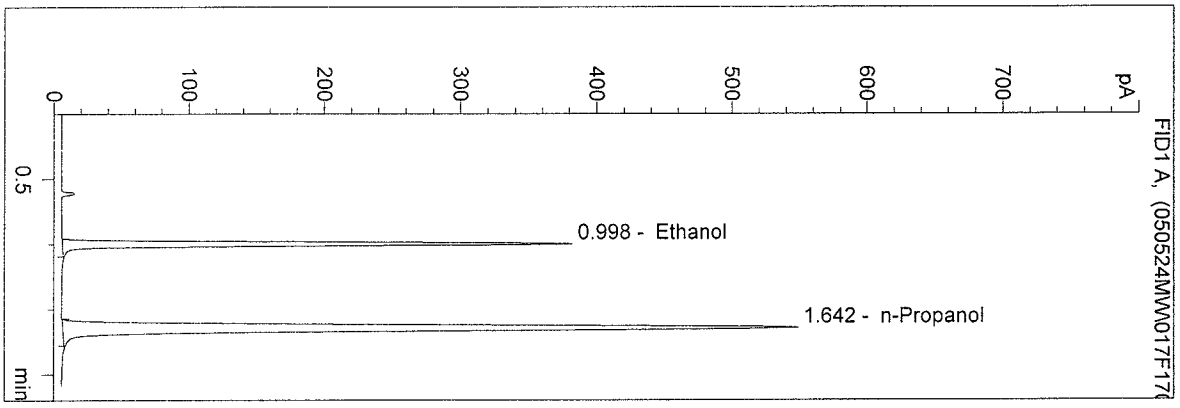
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/24/2005 2:57:18 PM
Instrument 4
DB-ALC1

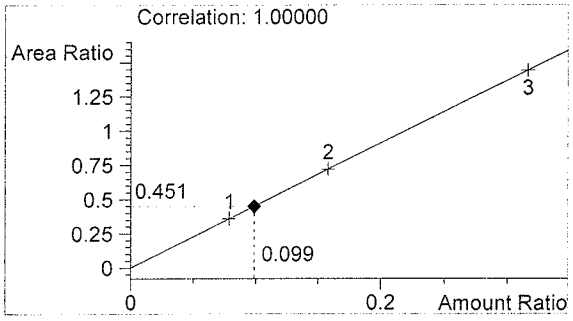
05019 QA SOL
mary wilson

vial # 17

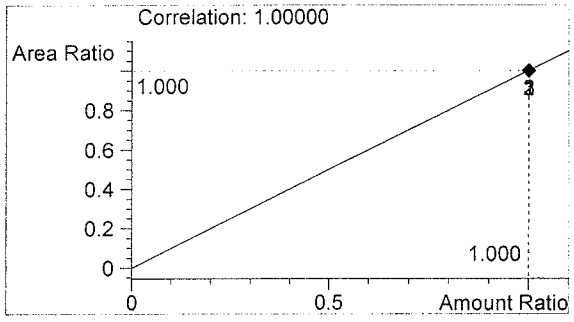


#	Compound	Area	RT
1	Ethanol	771	0.998
2	n-Propanol	1711	1.642

Totals:



Ethanol 0.099 g/100ml



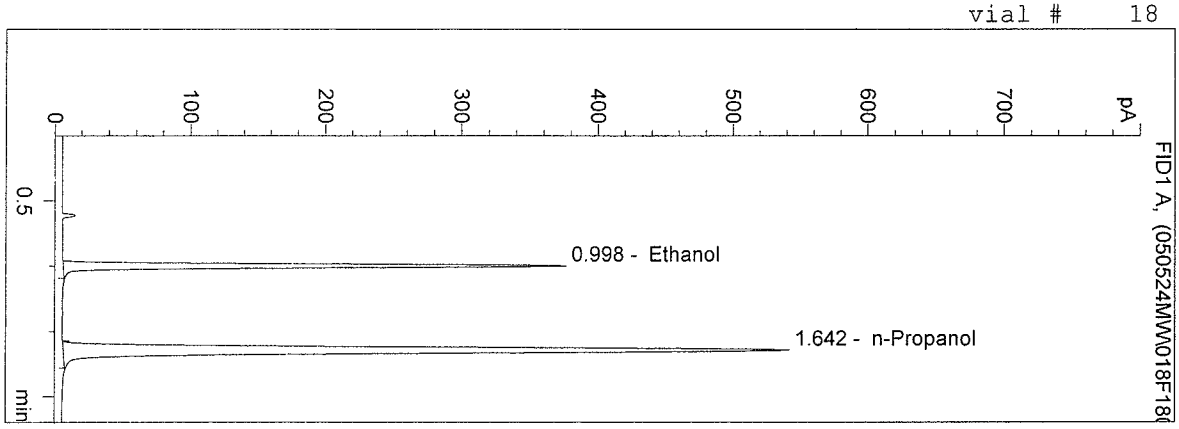
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/24/2005 3:00:28 PM
Instrument 4
DB-ALC1

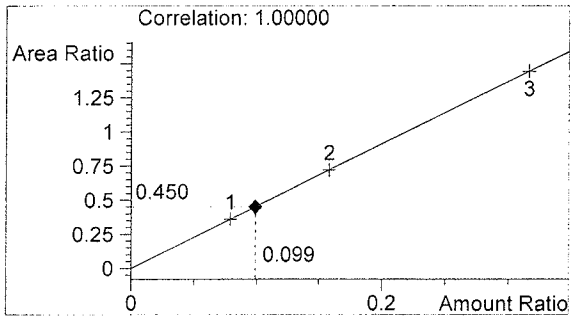
05019 QA SOL
mary wilson

vial # 18

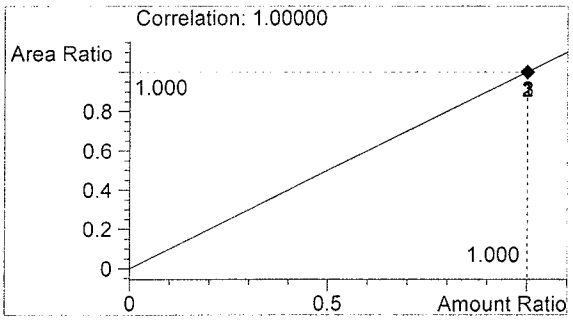


#	Compound	Area	RT
1	Ethanol	760	0.998
2	n-Propanol	1689	1.642

Totals:



Ethanol 0.099 g/100ml



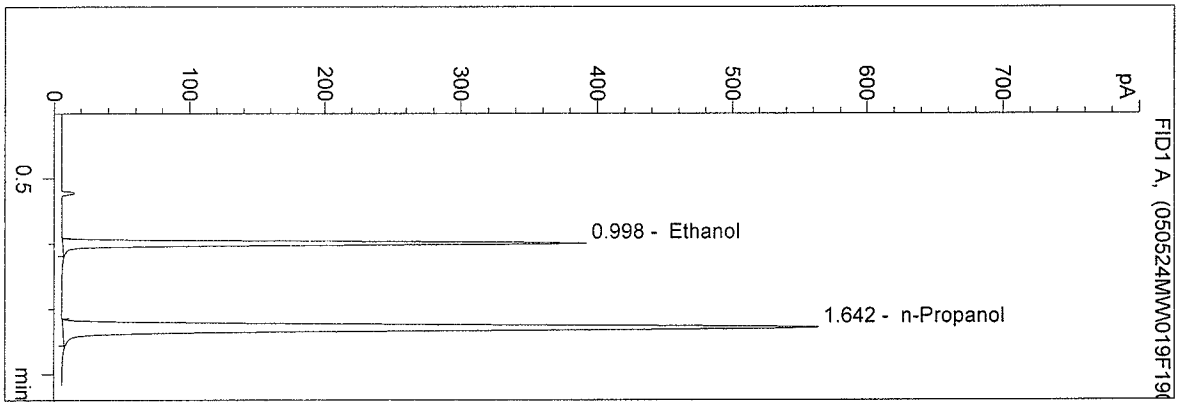
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/24/2005 3:03:46 PM
Instrument 4
DB-ALC1

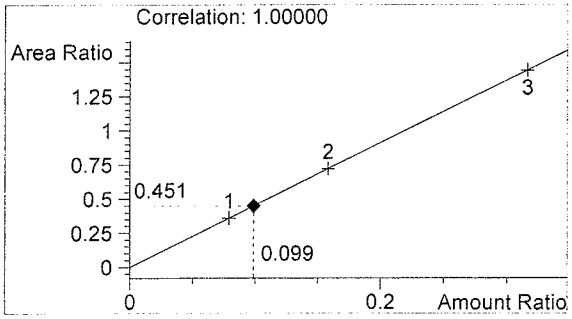
05019 QA SOL
mary wilson

vial # 19

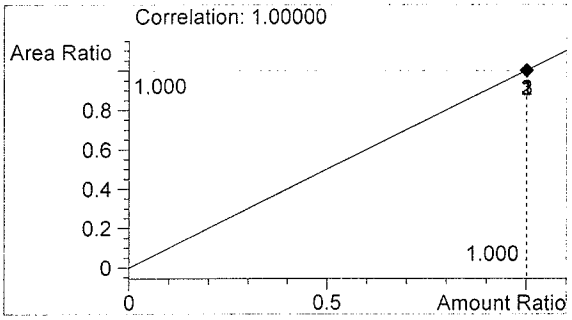


#	Compound	Area	RT
1	Ethanol	791	0.998
2	n-Propanol	1756	1.642

Totals:



Ethanol 0.099 g/100ml



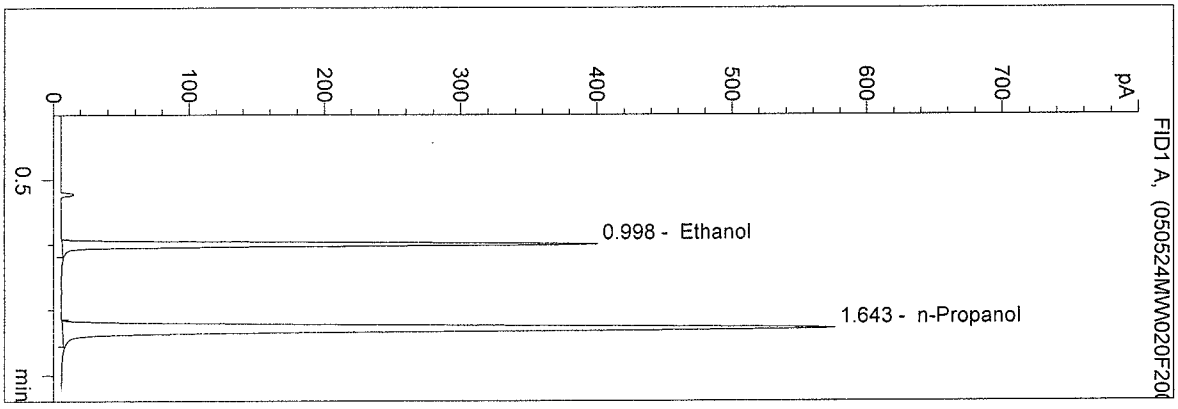
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/24/2005 3:07:03 PM
Instrument 4
DB-ALC1

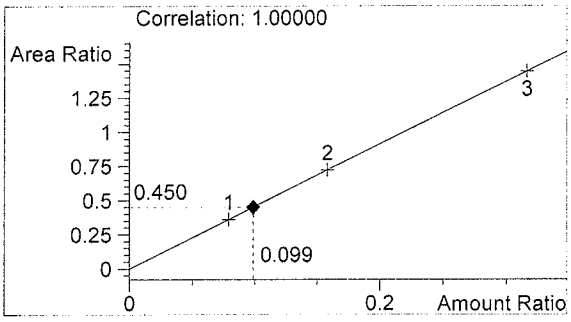
05019 QA SOL
mary wilson

vial # 20

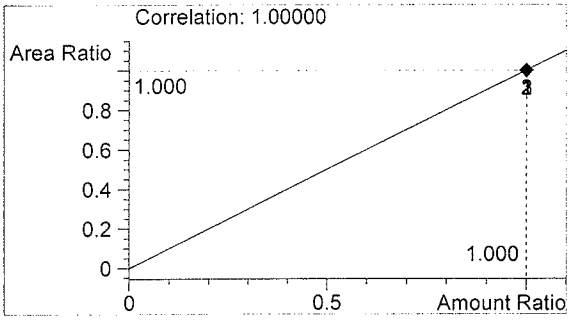


#	Compound	Area	RT
1	Ethanol	808	0.998
2	n-Propanol	1796	1.643

Totals:



Ethanol 0.099 g/100ml



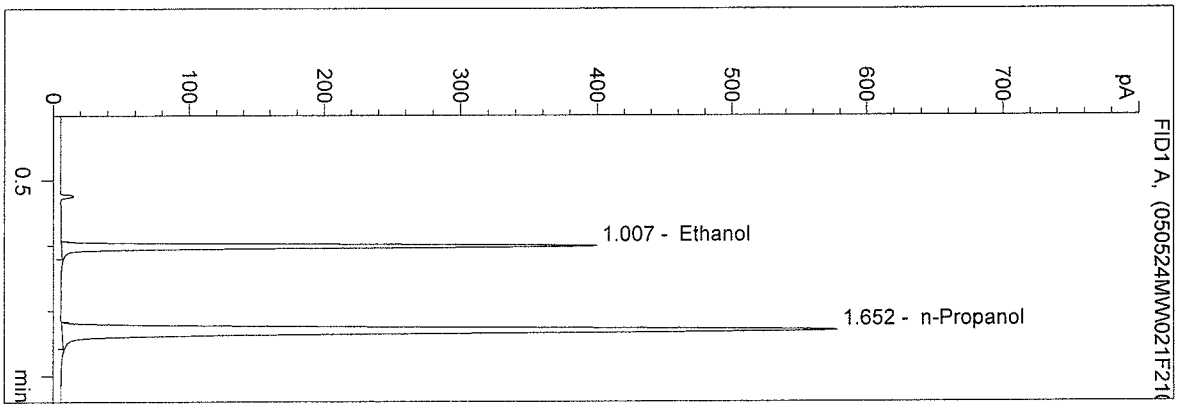
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/24/2005 3:10:20 PM
Instrument 4
DB-ALC1

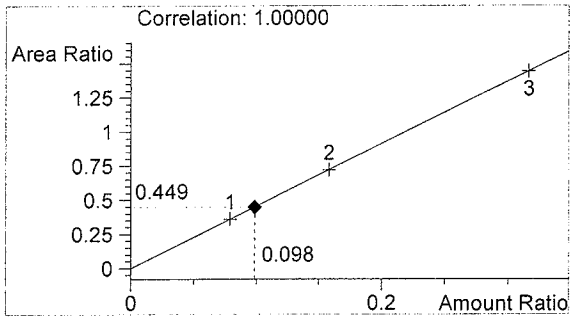
05019 QA SOL
mary wilson

vial # 21

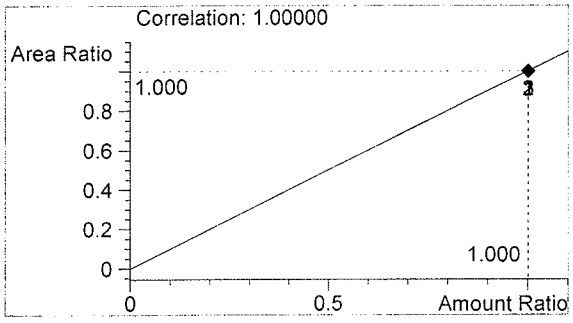


#	Compound	Area	RT
1	Ethanol	808	1.007
2	n-Propanol	1800	1.652

Totals:



Ethanol 0.098 g/100ml

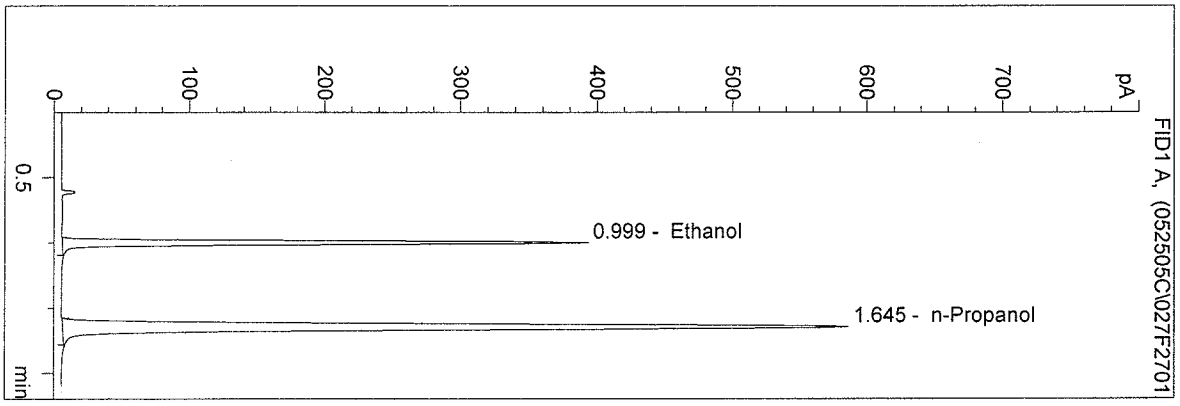


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

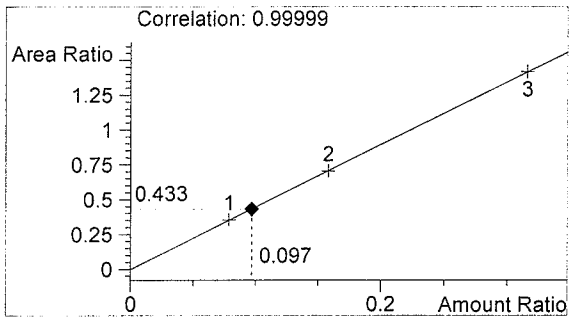
D:\HPCHEM\1\METHODS\BLDALCO.M
5/25/2005 2:30:37 PM 05019
Instrument 4 ED FORMOSO
DB-ALC1

vial # 27

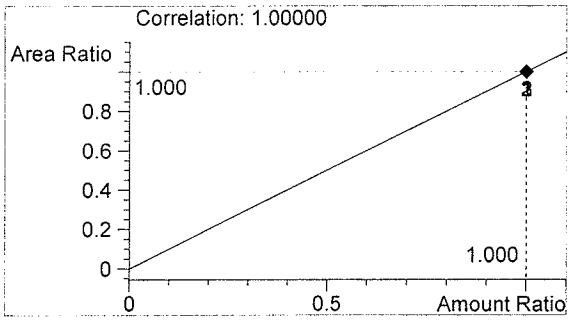


#	Compound	Area	RT
1	Ethanol	792	0.999
2	n-Propanol	1829	1.645

Totals:



Ethanol 0.097 g/100ml

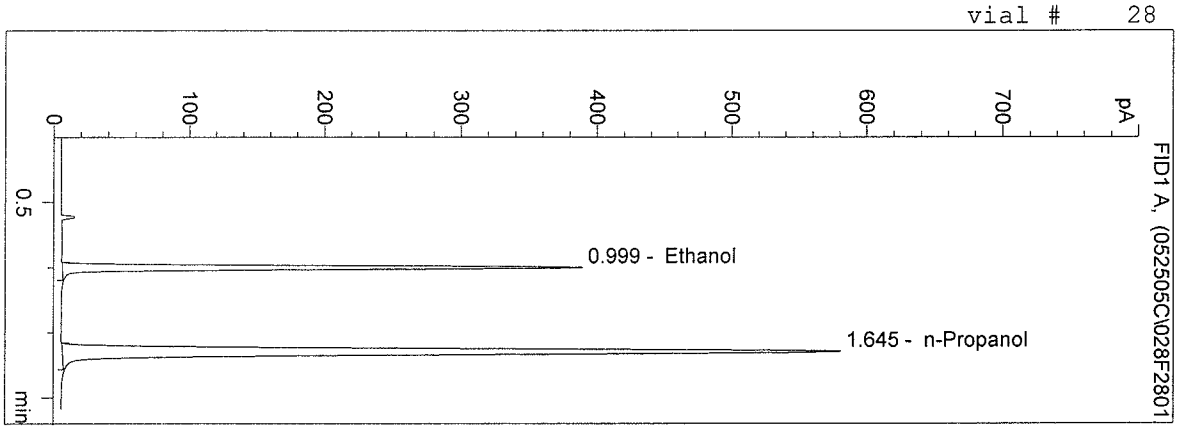


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

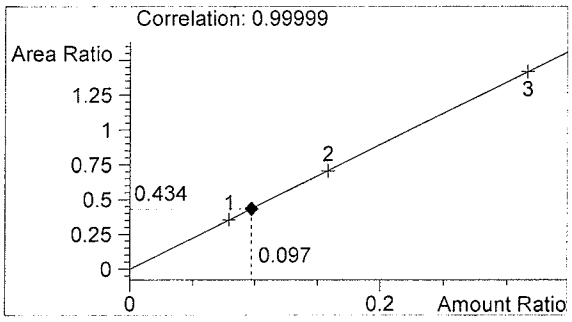
D:\HPCHEM\1\METHODS\BLDALCO.M
5/25/2005 2:33:50 PM 05019
Instrument 4 ED FORMOSO
DB-ALC1

vial # 28

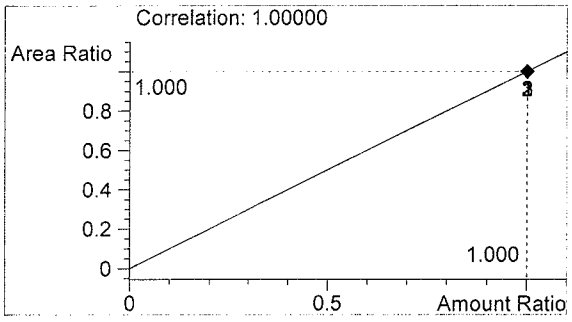


#	Compound	Area	RT
1	Ethanol	786	0.999
2	n-Propanol	1811	1.645

Totals:



Ethanol 0.097 g/100ml

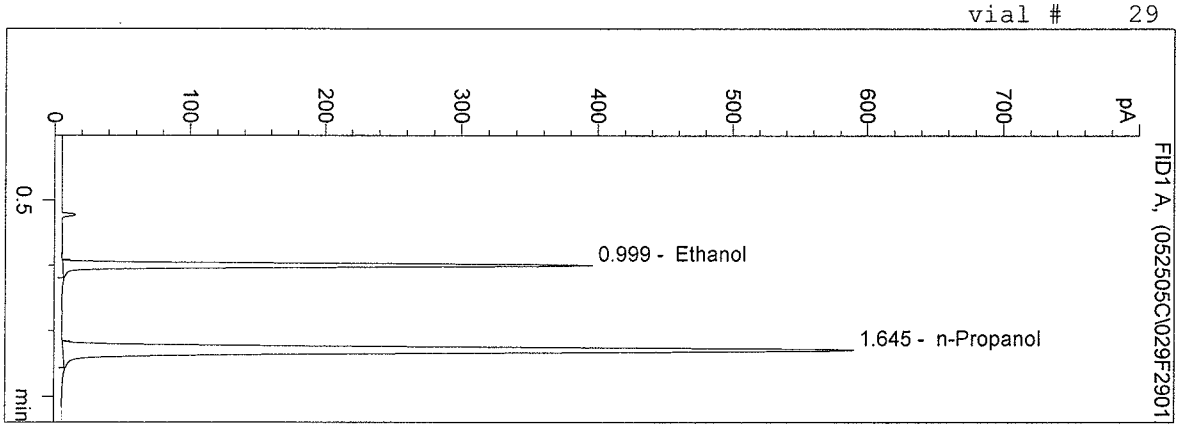


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

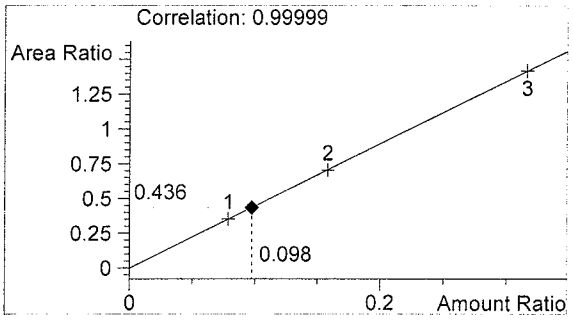
D:\HPCHEM\1\METHODS\BLDALCO.M
5/25/2005 2:37:00 PM 05019
Instrument 4 ED FORMOSO
DB-ALC1

vial # 29

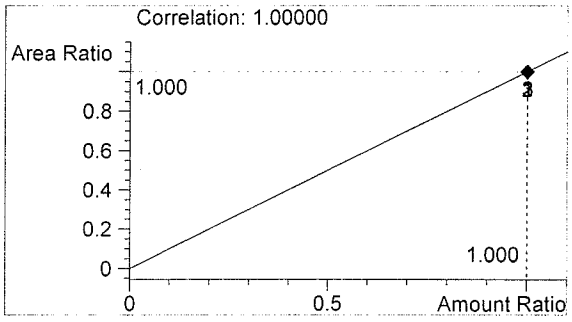


#	Compound	Area	RT
1	Ethanol	802	0.999
2	n-Propanol	1840	1.645

Totals:



Ethanol 0.098 g/100ml

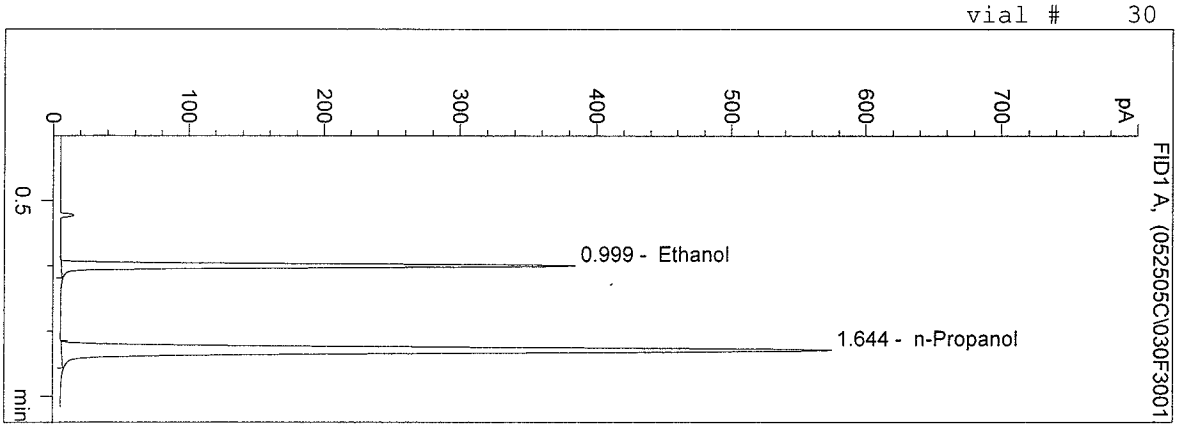


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

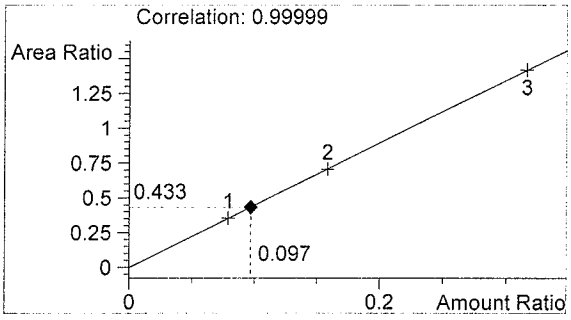
D:\HPCHEM\1\METHODS\BLDALCO.M
5/25/2005 2:40:10 PM 05019
Instrument 4 ED FORMOSO
DB-ALC1

vial # 30

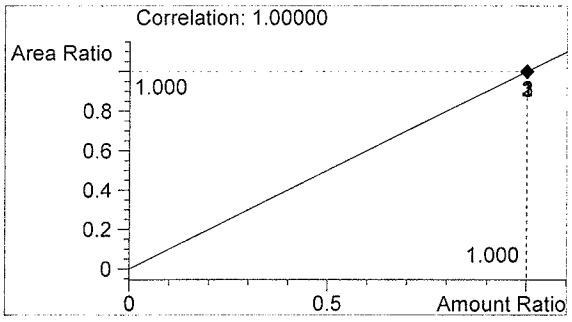


#	Compound	Area	RT
1	Ethanol	776	0.999
2	n-Propanol	1790	1.644

Totals:



Ethanol 0.097 g/100ml

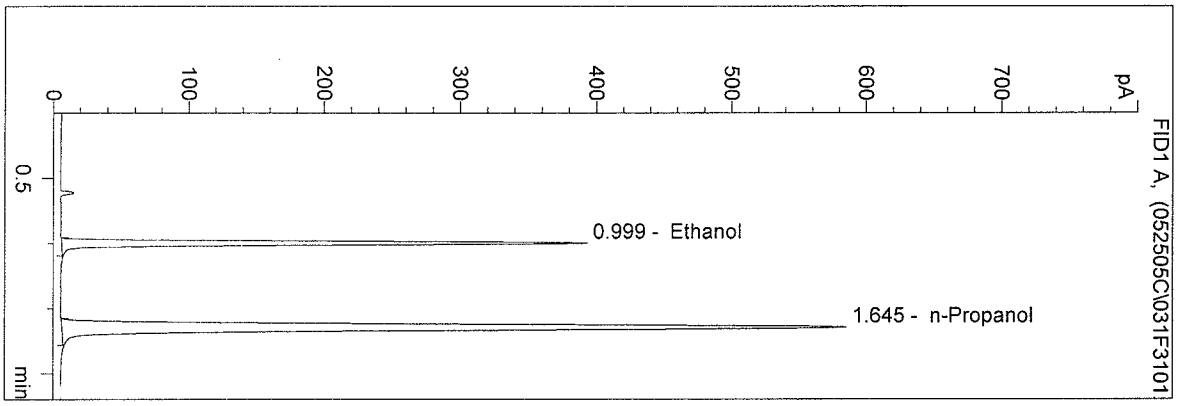


n-Propanol 1.000 g/100ml

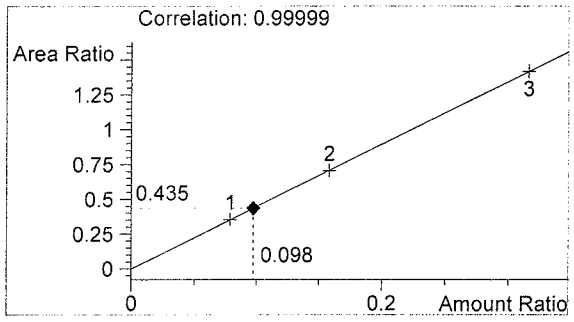
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/25/2005 2:43:19 PM 05019
Instrument 4 ED FORMOSO
DB-ALC1

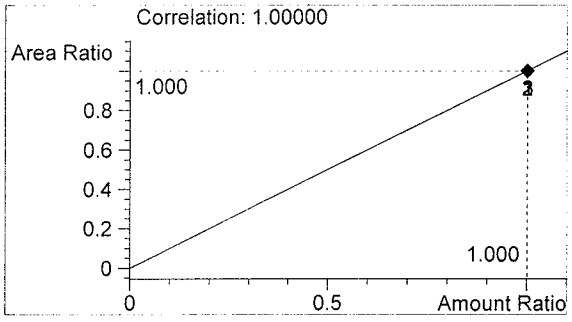
vial # 31



#	Compound	Area	RT
1	Ethanol	796	0.999
2	n-Propanol	1827	1.645
Totals:			



Ethanol 0.098 g/100ml



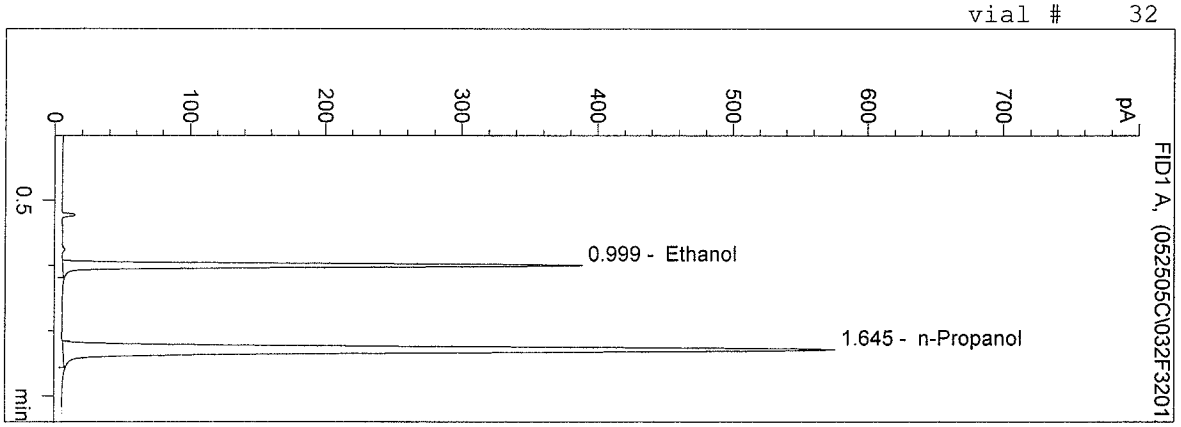
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/25/2005 2:46:36 PM
Instrument 4
DB-ALC1

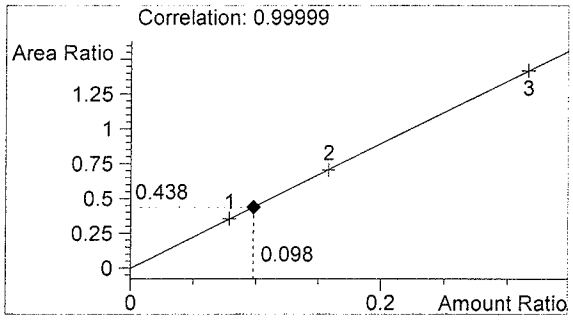
0.10 CONTROL
ED FORMOSO

vial # 32

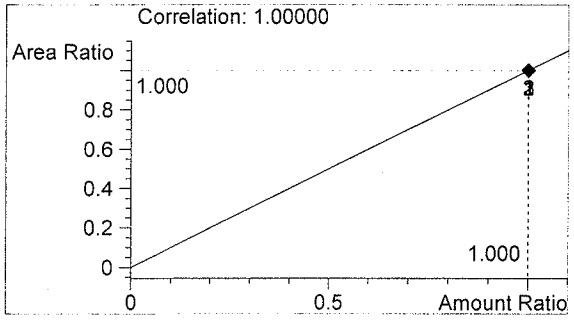


#	Compound	Area	RT
1	Ethanol	786	0.999
2	n-Propanol	1794	1.645

Totals:



Ethanol 0.098 g/100ml

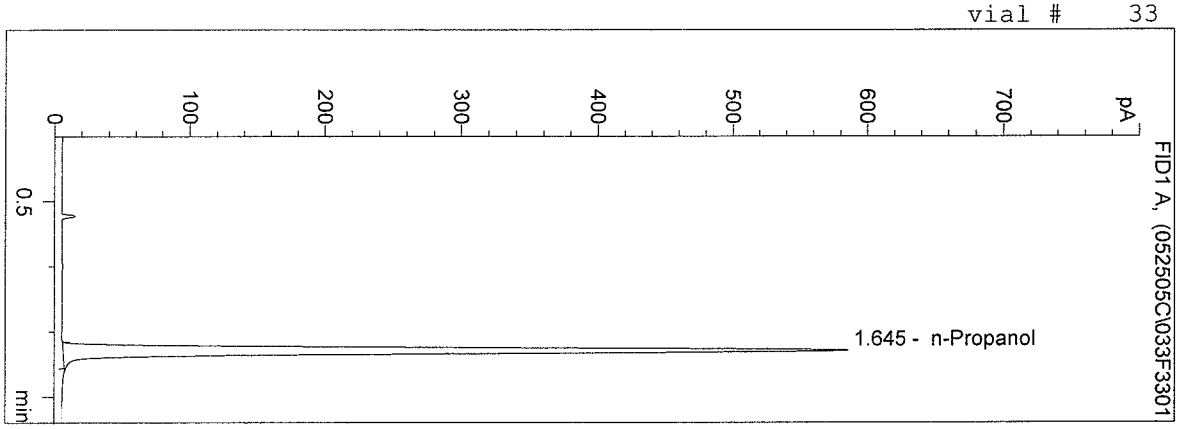


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

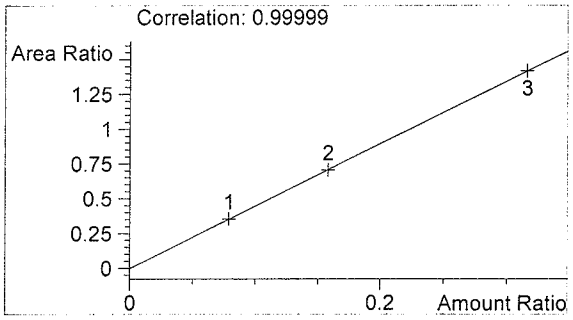
D:\HPCHEM\1\METHODS\BLDALCO.M
5/25/2005 2:49:53 PM BLANK
Instrument 4 ED FORMOSO
DB-ALC1

vial # 33

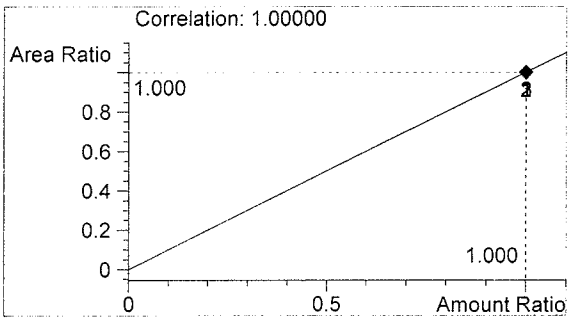


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1827	1.645

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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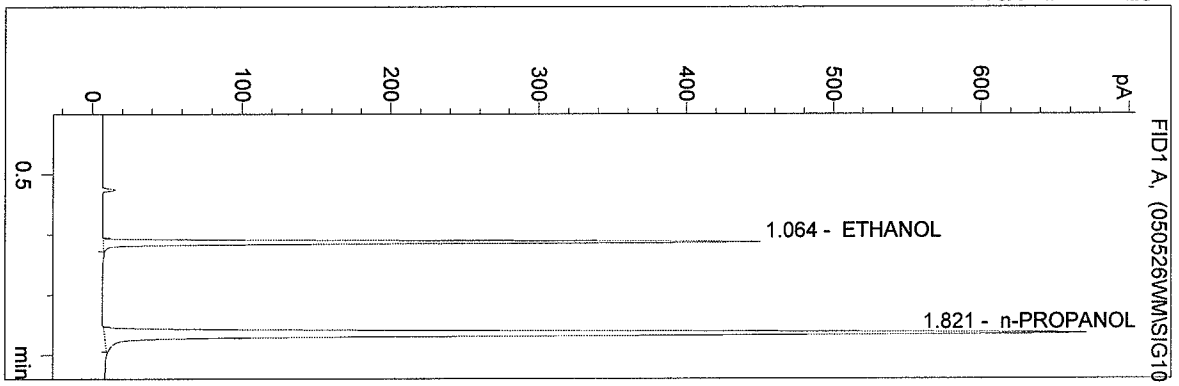
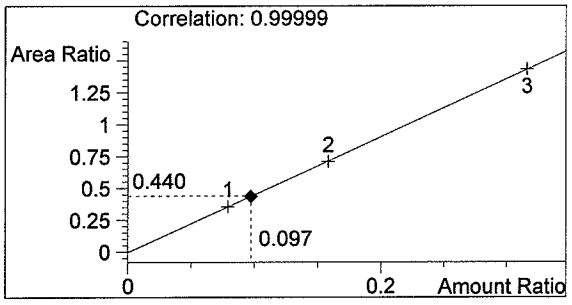
5/26/05 9:29:47 AM
Instrument 3
DB-ALC2

SIM 05019
WP Marshall

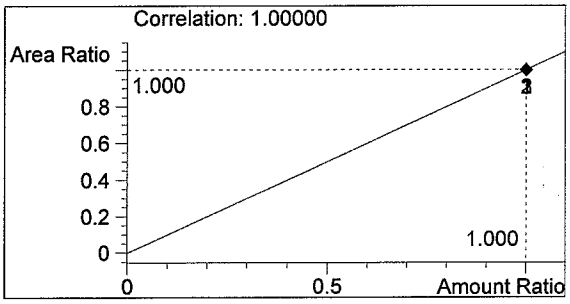
vial # 15



#	Compound	Area	RT
1	ETHANOL	777	1.064
2	n-PROPANOL	1764	1.821
Totals:			



ETHANOL 0.097 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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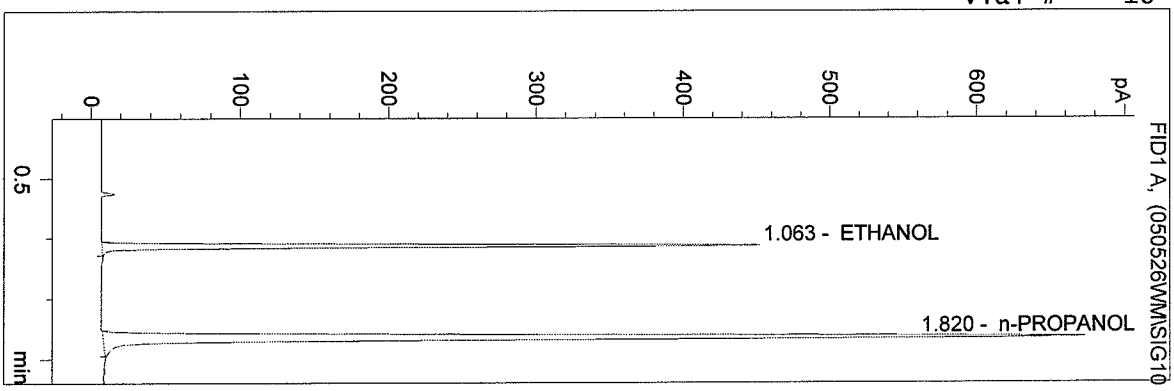
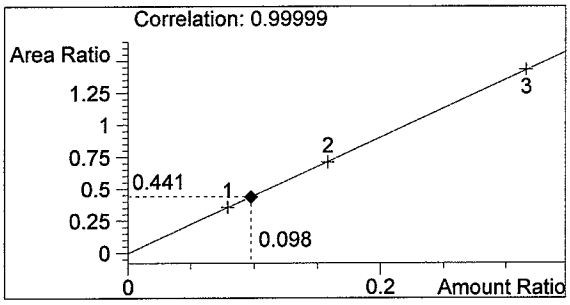
5/26/05 9:32:54 AM
Instrument 3
DB-ALC2

SIM 05019
WP Marshall

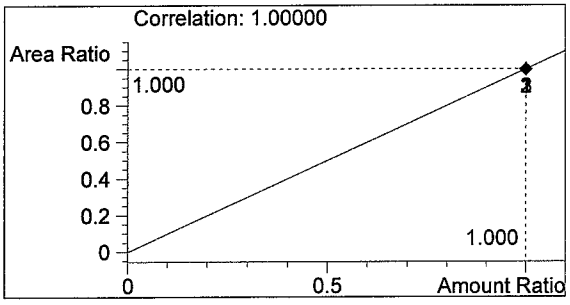
vial # 16



#	Compound	Area	RT
1	ETHANOL	780	1.063
2	n-PROPANOL	1770	1.820
Totals:			



ETHANOL 0.098 g/100mL



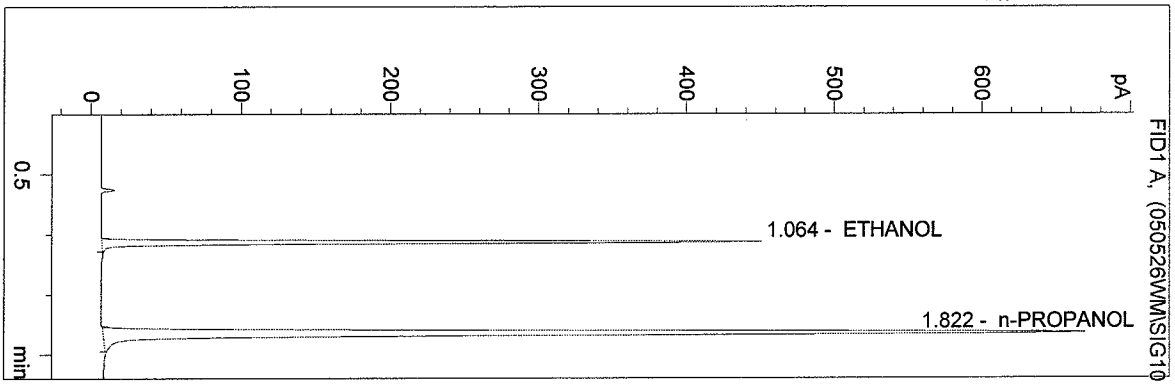
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

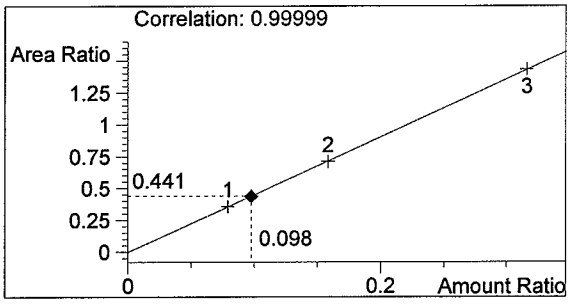
C:\HPCHEM\1\METHODS\BLDALCO3.M
5/26/05 9:36:01 AM
Instrument 3
DB-ALC2

SIM 05019
WP Marshall

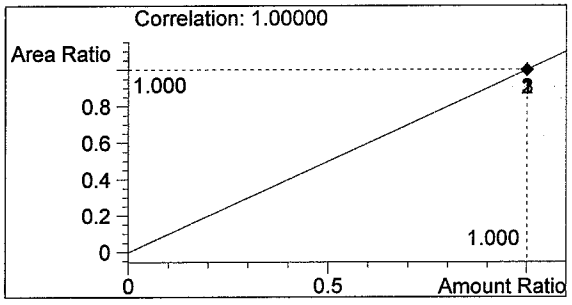
vial # 17



#	Compound	Area	RT
1	ETHANOL	776	1.064
2	n-PROPANOL	1757	1.822
Totals:			



ETHANOL 0.098 g/100mL



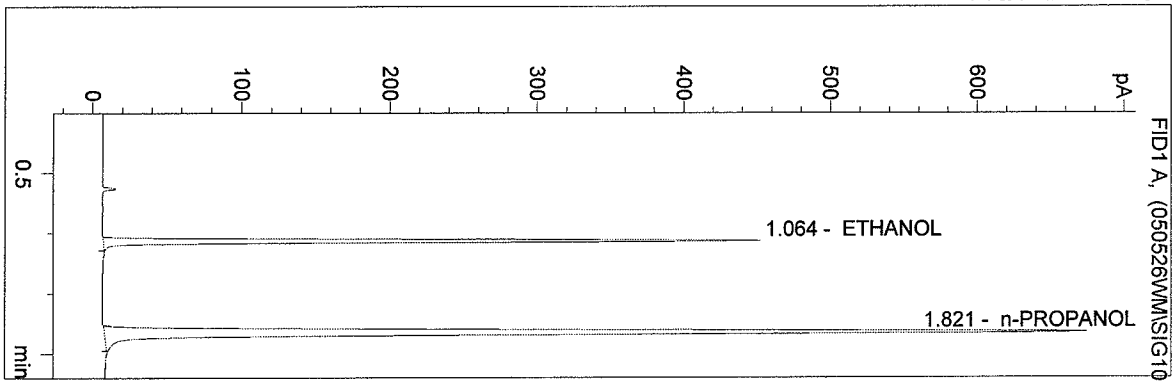
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

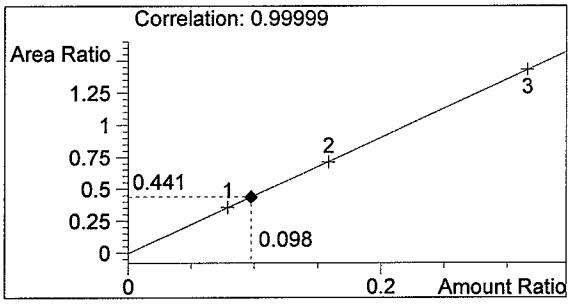
C:\HPCHEM\1\METHODS\BLDALCO3.M
5/26/05 9:39:08 AM
Instrument 3
DB-ALC2

SIM 05019
WP Marshall

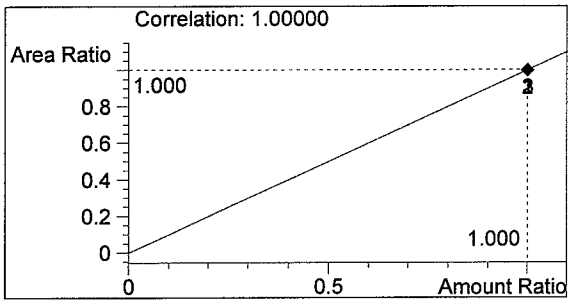
vial # 18



#	Compound	Area	RT
1	ETHANOL	782	1.064
2	n-PROPANOL	1774	1.821
Totals:			



ETHANOL 0.098 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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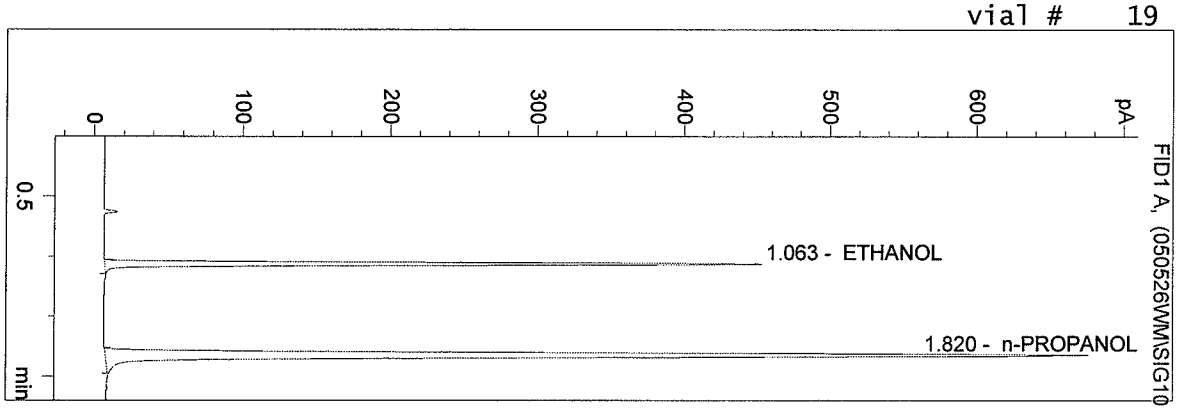
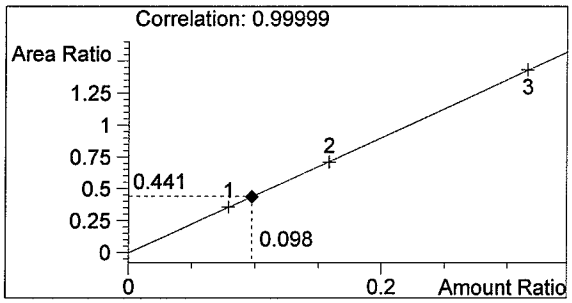
5/26/05 9:42:15 AM
Instrument 3
DB-ALC2

SIM 05019
WP Marshall

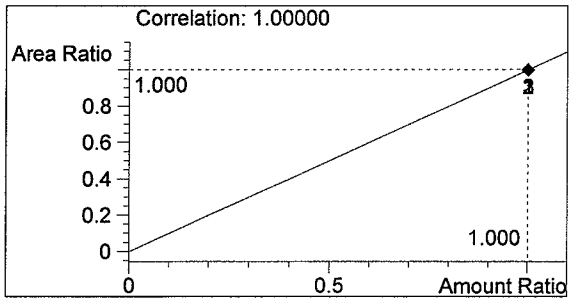
vial # 19



#	Compound	Area	RT
1	ETHANOL	785	1.063
2	n-PROPANOL	1780	1.820
Totals:			



ETHANOL 0.098 g/100mL

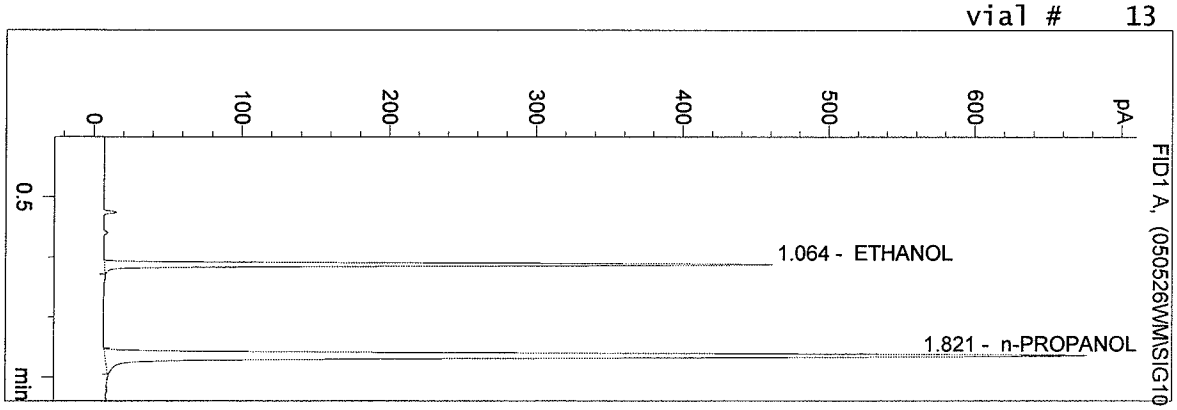


n-PROPANOL 1.000 g/100mL

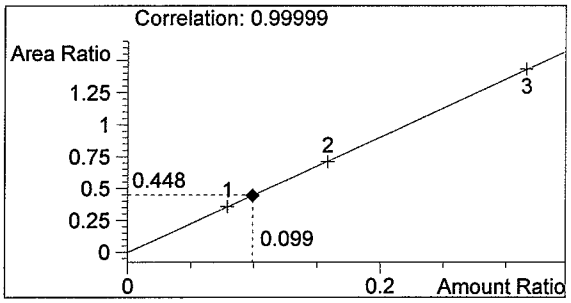
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
5/26/05 9:23:33 AM
Instrument 3
DB-ALC2

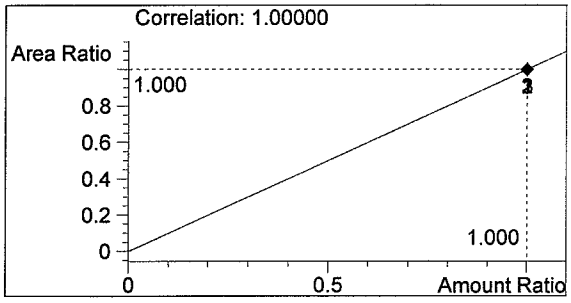
0.10 CONTROL
WP Marshall
vial # 13



#	Compound	Area	RT
1	ETHANOL	797	1.064
2	n-PROPANOL	1780	1.821
Totals:			



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

STDS
05018

WASHINGTON STATE TOXICOLOGY LABORATORY

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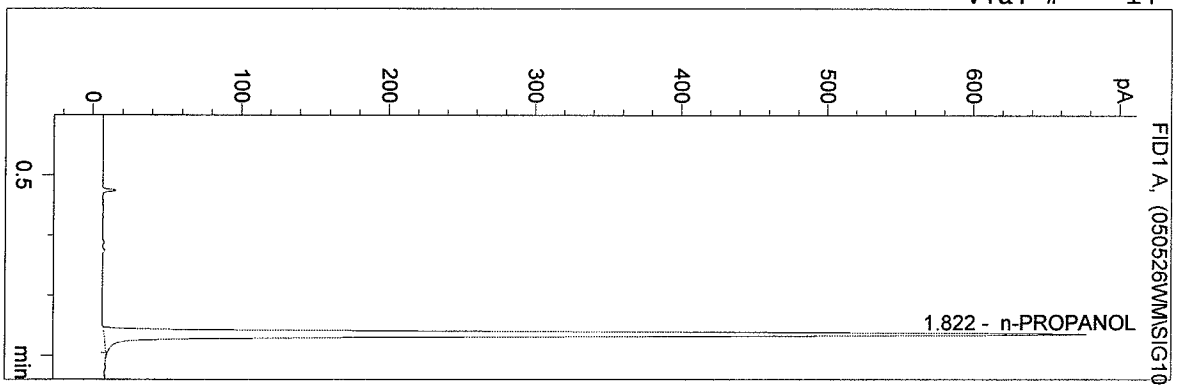
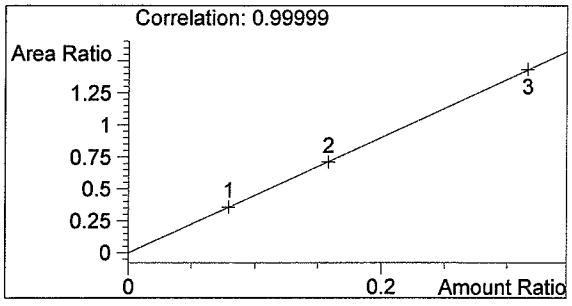
5/26/05 9:26:40 AM
Instrument 3
DB-ALC2

BLANK
WP Marshall

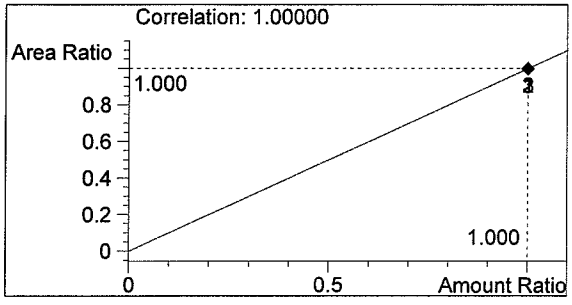
vial # 14



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1780	1.822
Totals:			



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL