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.D. 10/18/2007

Tpr. Ken Denton Date

R.G. 10-18-07

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 05012

Form Review Criteria

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

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

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:

CONTROL VALUE FOR ASA LOW IS INCORRECT

Comments:

Reviewer Signature: R E Kelly Date: 10-9-07

Reviewer Signature: K E D 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 **05012** Date: 3/21/2005

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	0.098	0.098	0.097									
2	0.098	0.098	0.097									
3	0.098	0.097	0.097									
4	0.098	0.098	0.096									
5	0.098	0.098	0.097									
Ctrl	~~0.099~~ 0.100	0.099	0.099									

RLL 10-11-07

External Control:

Lot #: A028603 Exp date: 12/07

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0975 g/100 mL

SD: 0.00064

Range (3xSD): 0.0956 to 0.0994

Precision CV (%): 0.6563 %

Equivalent vapor concent.: 0.0793 g/210L

Analyst	Name	Signature	Date
1	Asa Louis		03/21/2005
2	Edward Formoso		03/21/2005
3	Brian Capron		03/22/2005
4			
5			
6			
7			
8			
9			
10			
11			
12			

Prepared by: Asa Louis according to the approved protocol

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Asa J. Louis, do certify under penalty of perjury as follows:

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

I possess the following qualifications: BS degree in Biochemistry and seven years in Toxicology.

The quality assurance solution, Lot Number 05012, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0975 grams per 100ml.

Dated: 3/23/05
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/la
AJLQA

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.

2007 OCT 18

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, 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 05012, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0975 grams per 100ml.

Dated: 3/23/05
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/la
EFQA

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

DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Brian Capron, 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 eight years of experience in forensic toxicology.

The quality assurance solution, Lot Number 05012, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0975 grams per 100ml.

Dated: 3/23/05
Seattle, WA

Brian Capron
Forensic Toxicologist

BC/la
BCQA

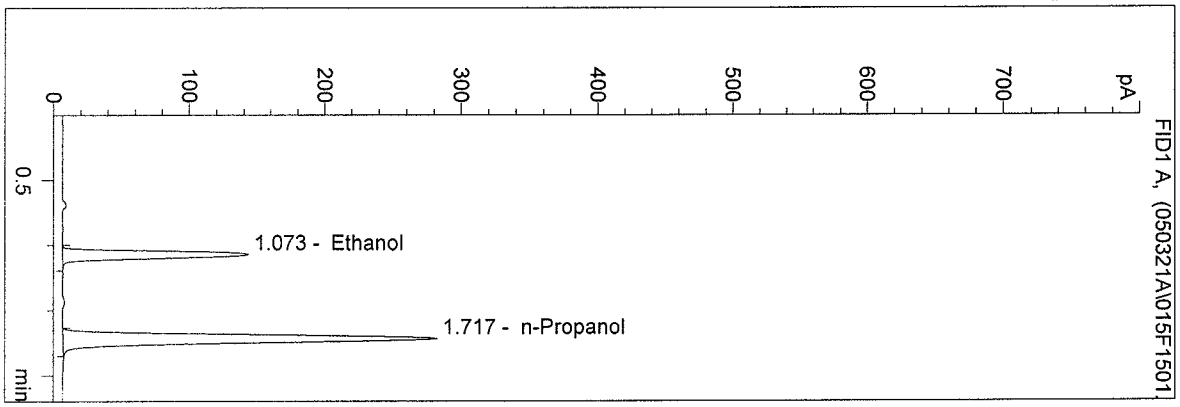
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions. Brian Capron 10.11.07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 9:40:10 AM
Instrument 4
DB-ALC1

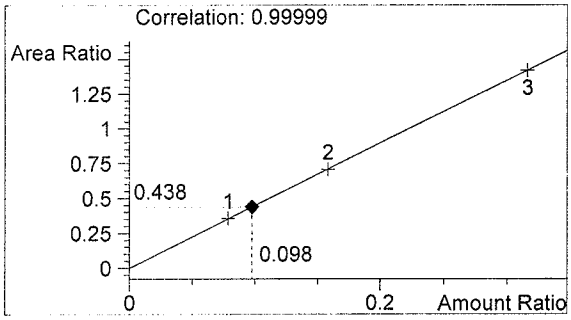
05012a
alouis

vial # 15

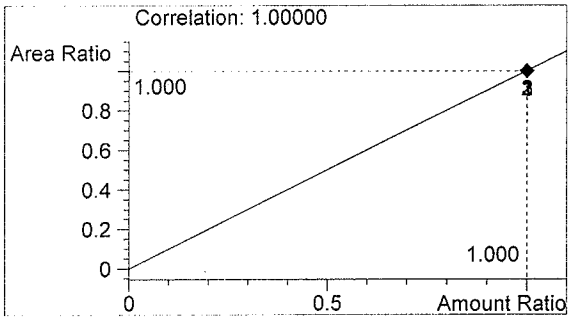


#	Compound	Area	RT
1	Ethanol	489	1.073
2	n-Propanol	1118	1.717

Totals:



Ethanol 0.098 g/100ml



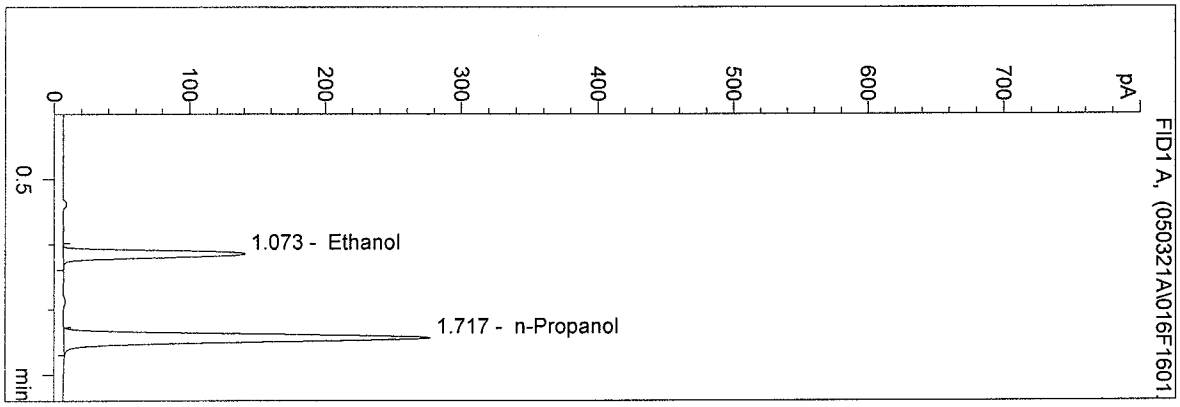
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 9:43:22 AM
Instrument 4
DB-ALC1

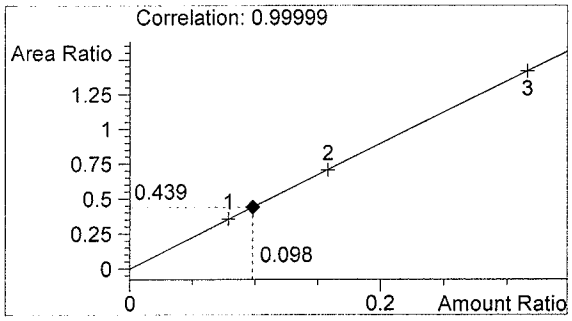
05012b
alouis

vial # 16

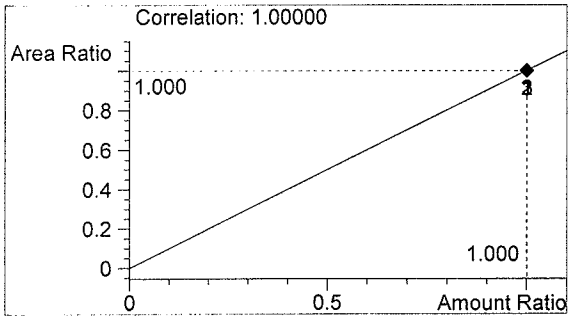


#	Compound	Area	RT
1	Ethanol	482	1.073
2	n-Propanol	1097	1.717

Totals:



Ethanol 0.098 g/100ml



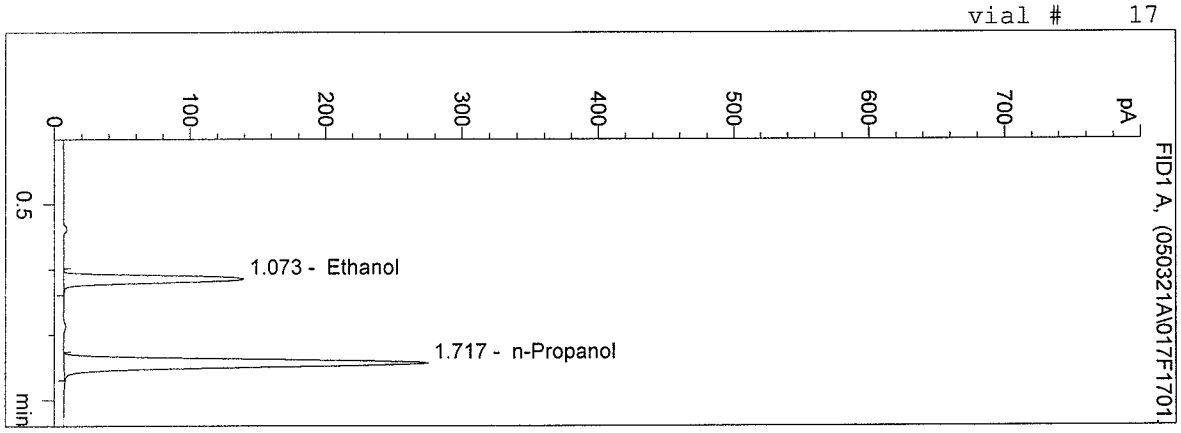
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 9:46:32 AM
Instrument 4
DB-ALC1

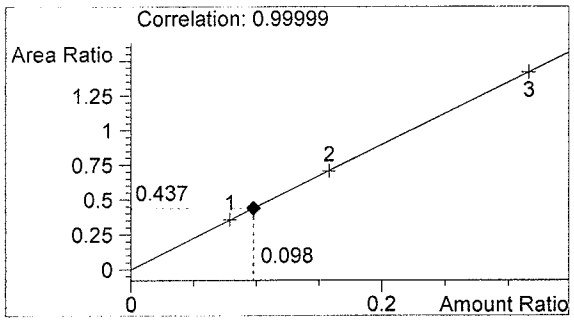
05012c
alouis

vial # 17

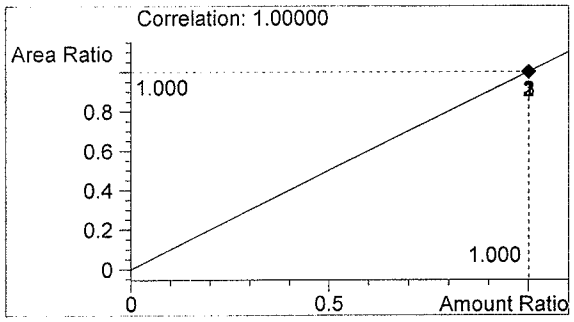


#	Compound	Area	RT
1	Ethanol	477	1.073
2	n-Propanol	1092	1.717

Totals:



Ethanol 0.098 g/100ml

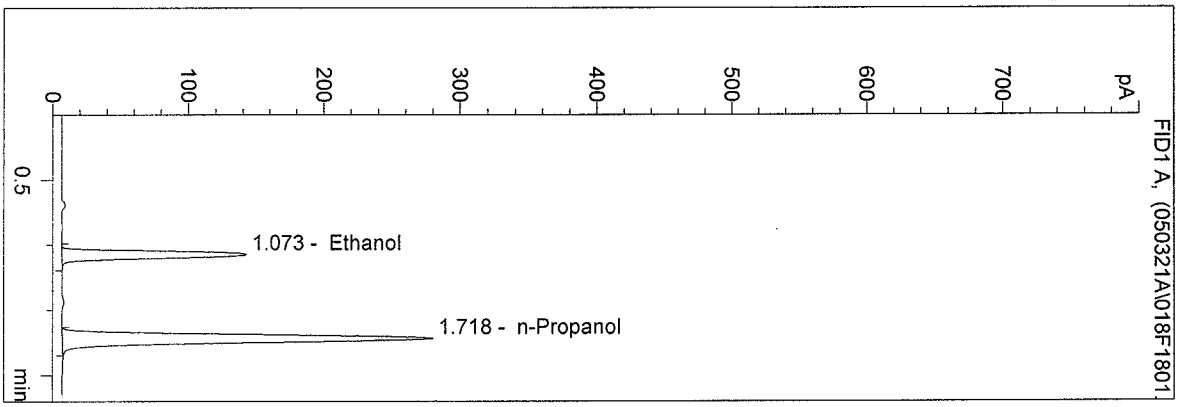


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

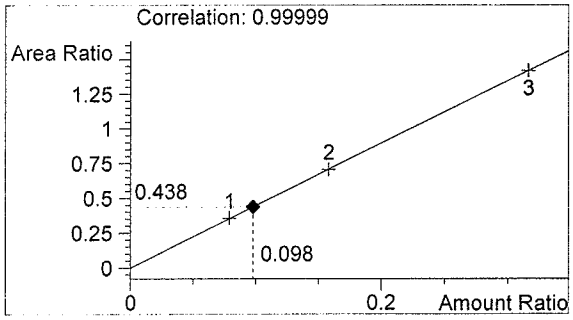
D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 9:49:39 AM 05012d
Instrument 4 alouis
DB-ALC1

vial # 18

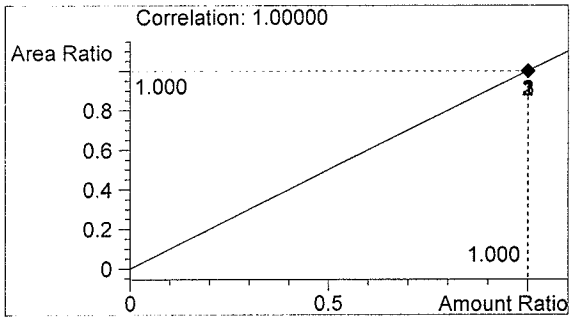


#	Compound	Area	RT
1	Ethanol	486	1.073
2	n-Propanol	1108	1.718

Totals:



Ethanol 0.098 g/100ml



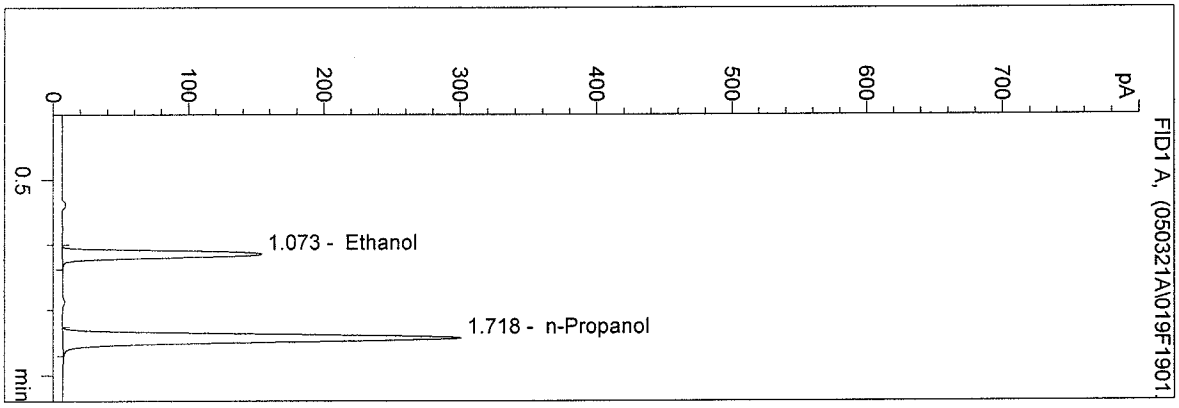
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 9:52:55 AM
Instrument 4
DB-ALC1

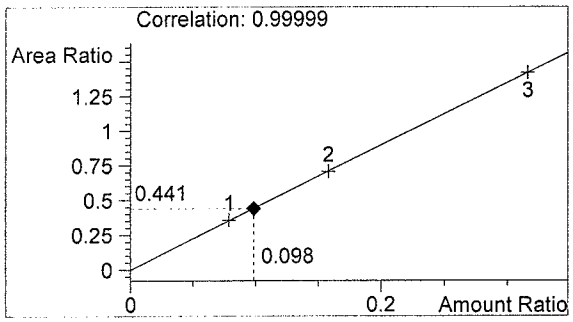
05012e
alouis

vial # 19

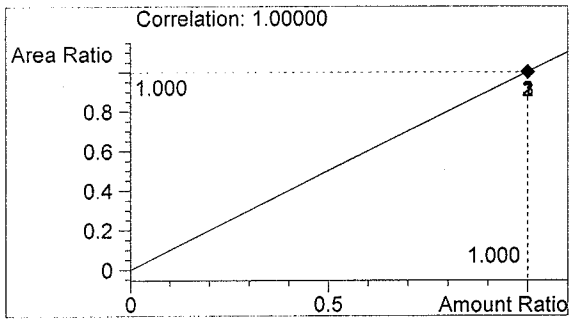


#	Compound	Area	RT
1	Ethanol	523	1.073
2	n-Propanol	1187	1.718

Totals:



Ethanol 0.098 g/100ml



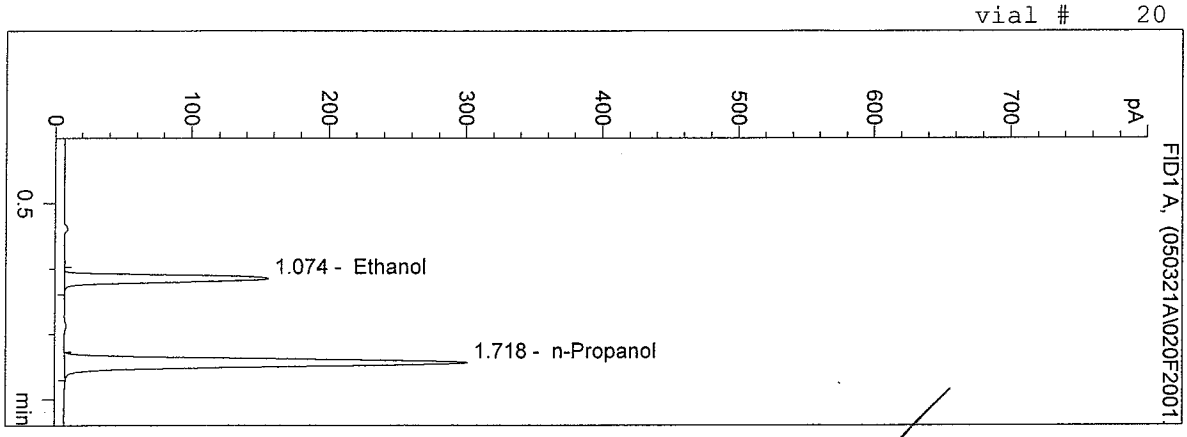
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

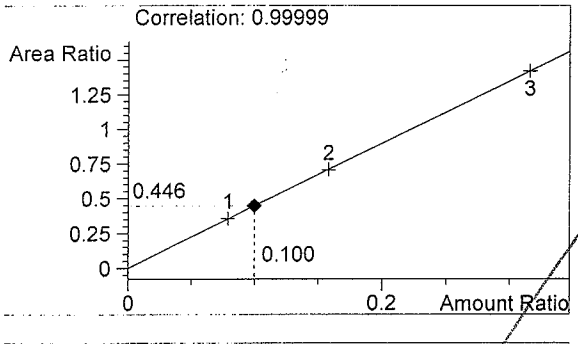
D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 9:56:10 AM
Instrument 4
DB-ALC1

0.10 con
alouis

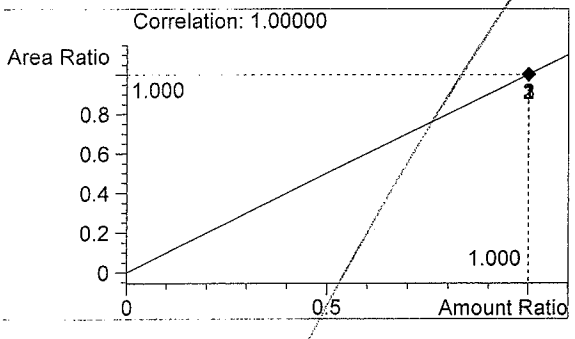
vial # 20



#	Compound	Area	RT
1	Ethanol	530	1.074
2	n-Propanol	1187	1.718
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

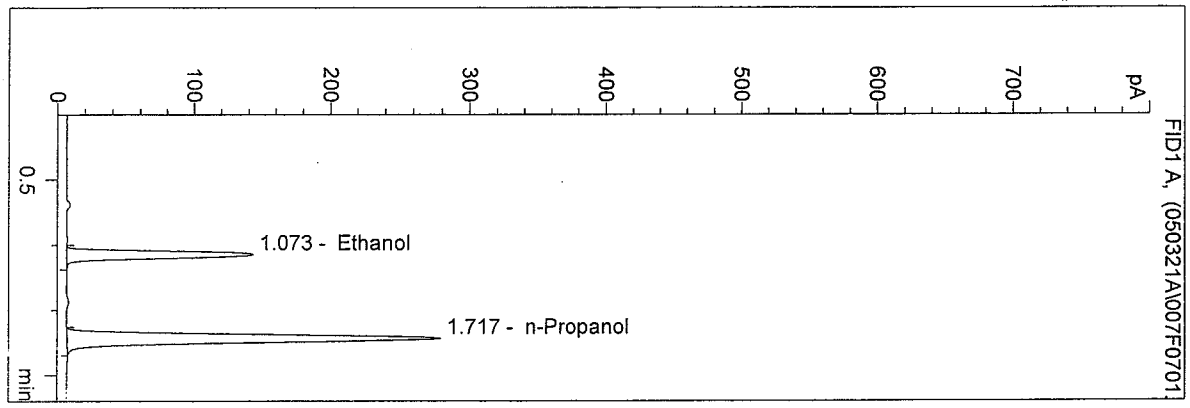
not used
AC 2037 OCT 18

WASHINGTON STATE TOXICOLOGY LABORATORY

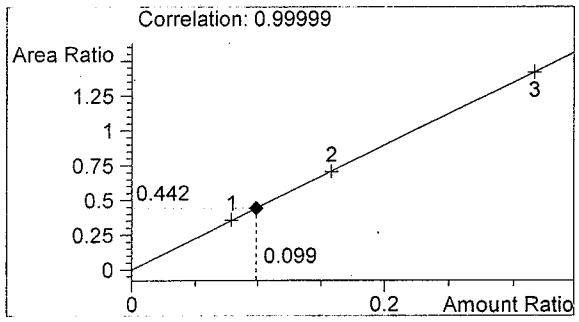
D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 9:14:33 AM
Instrument 4
DB-ALC1

0.10 con al
alouis

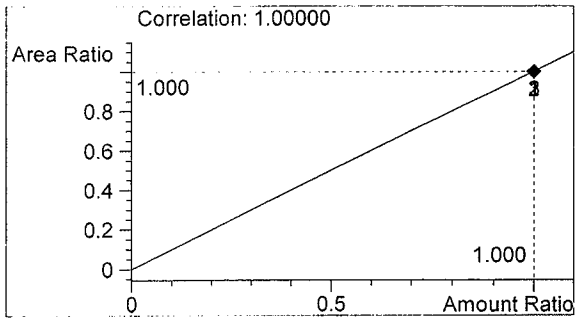
vial # 7



#	Compound	Area	RT
1	Ethanol	490	1.073
2	n-Propanol	1107	1.717
Totals:			



Ethanol 0.099 g/100ml



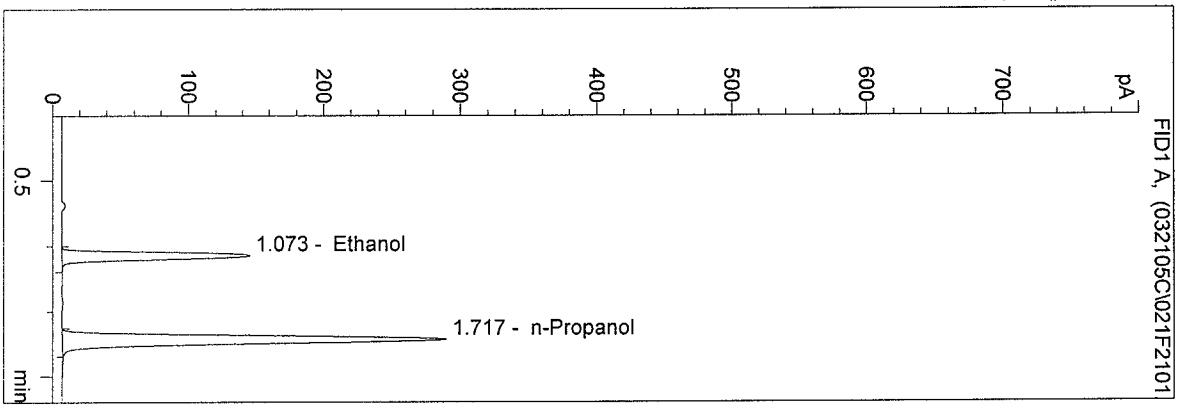
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

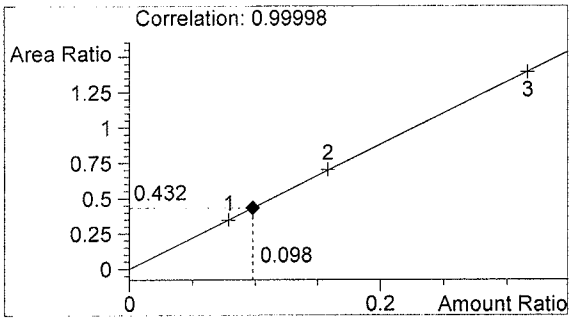
D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 12:07:23 PM
Instrument 4
DB-ALC1

05012
ED FORMOSO

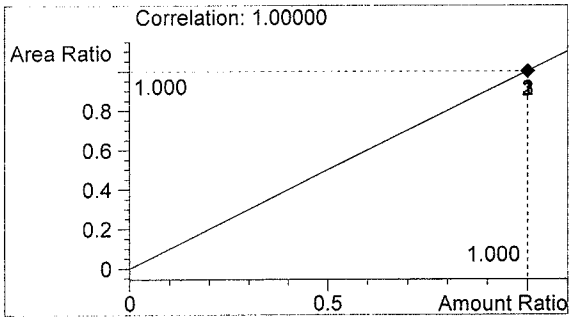
vial # 21



#	Compound	Area	RT
1	Ethanol	496	1.073
2	n-Propanol	1147	1.717
Totals:			



Ethanol 0.098 g/100ml

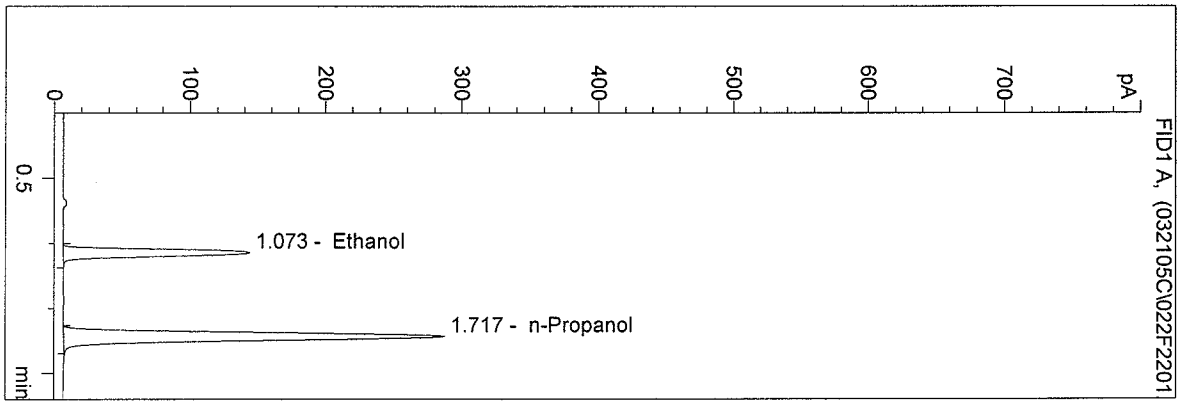


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

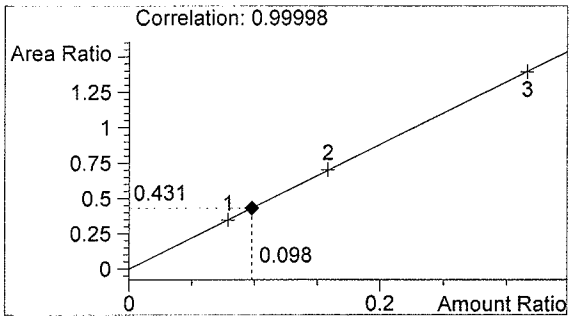
D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 12:10:37 PM 05012
Instrument 4 ED FORMOSO
DB-ALC1

vial # 22

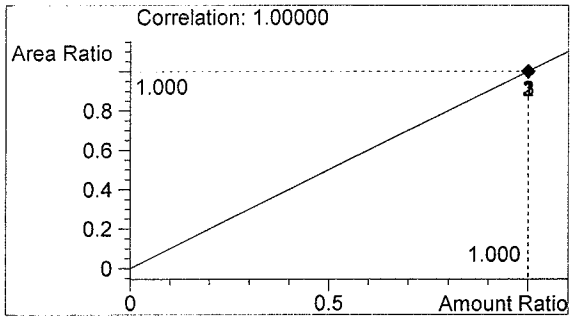


#	Compound	Area	RT
1	Ethanol	489	1.073
2	n-Propanol	1135	1.717

Totals:



Ethanol 0.098 g/100ml



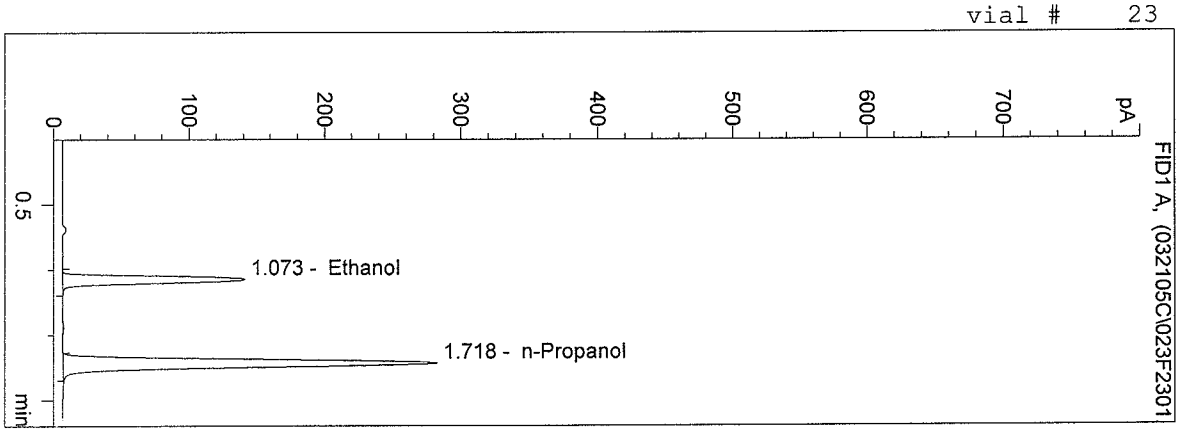
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 12:13:46 PM
Instrument 4
DB-ALC1

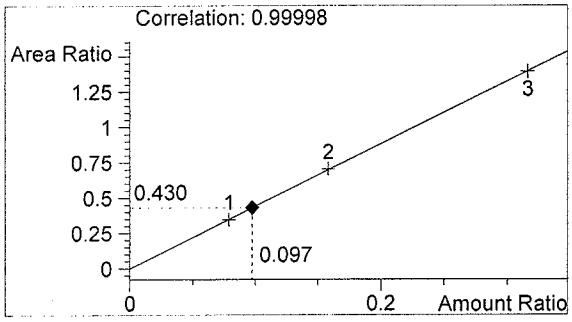
05012
ED FORMOSO

vial # 23

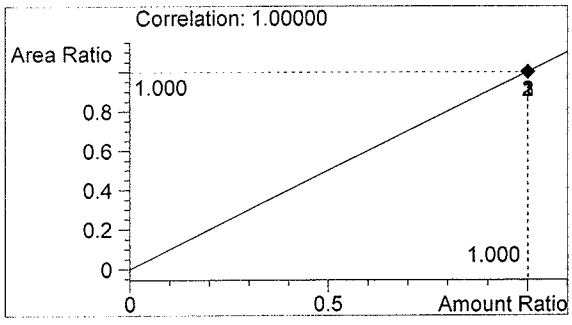


#	Compound	Area	RT
1	Ethanol	480	1.073
2	n-Propanol	1115	1.718

Totals:



Ethanol 0.097 g/100ml



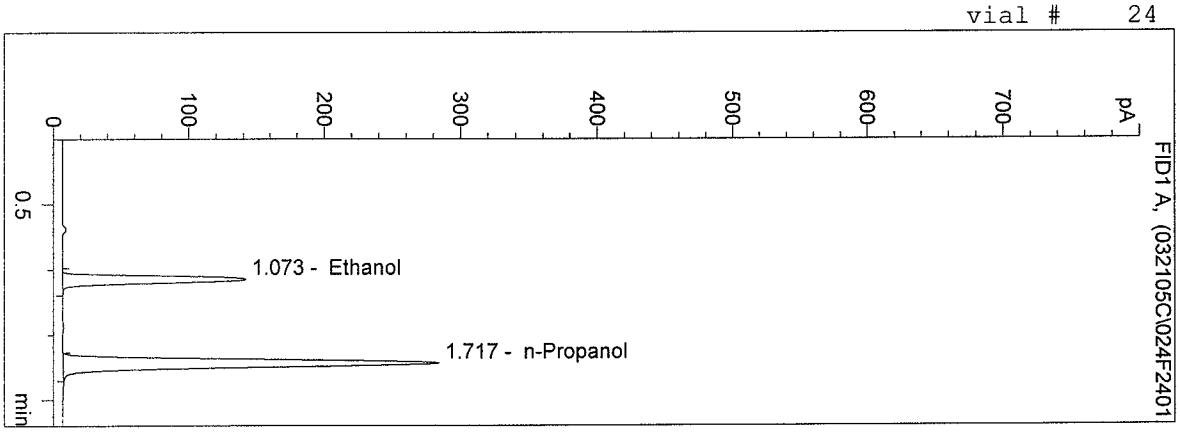
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

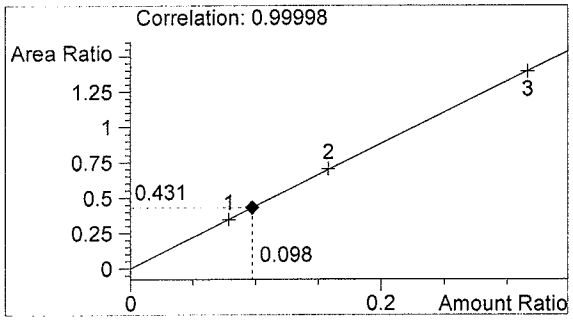
D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 12:16:53 PM
Instrument 4
DB-ALC1

05012
ED FORMOSO

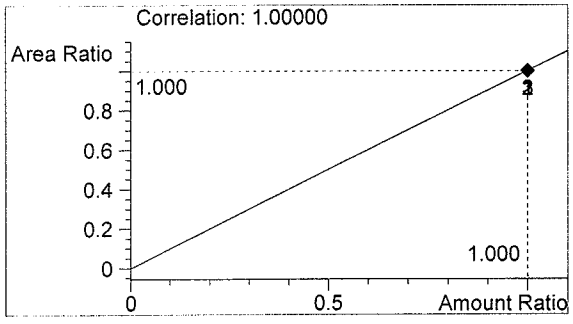
vial # 24



#	Compound	Area	RT
1	Ethanol	484	1.073
2	n-Propanol	1124	1.717
Totals:			



Ethanol 0.098 g/100ml

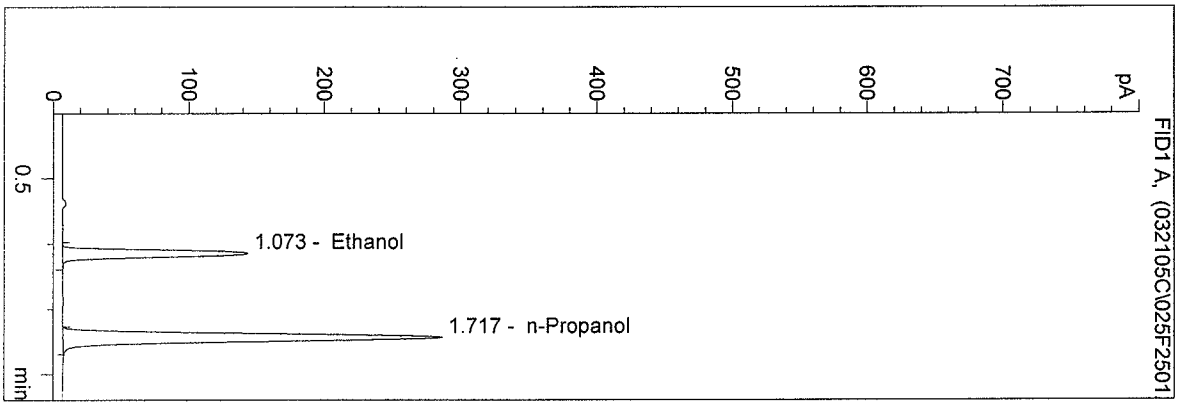


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

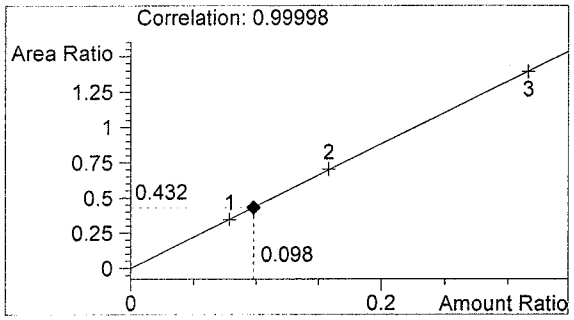
D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 12:20:09 PM 05012
Instrument 4 ED FORMOSO
DB-ALC1

vial # 25

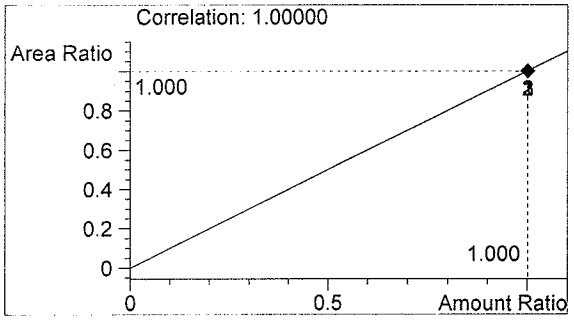


#	Compound	Area	RT
1	Ethanol	488	1.073
2	n-Propanol	1130	1.717

Totals:



Ethanol 0.098 g/100ml



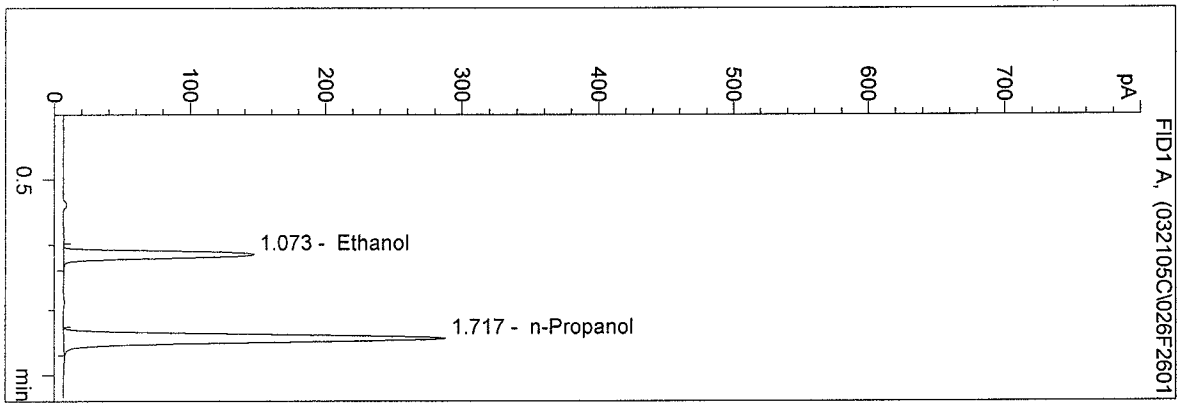
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 12:23:23 PM
Instrument 4
DB-ALC1

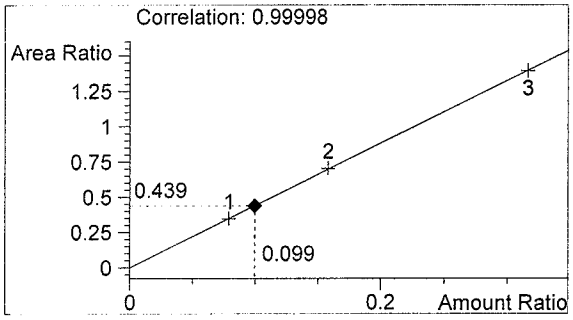
0.10 CONTROL
ED FORMOSO

vial # 26

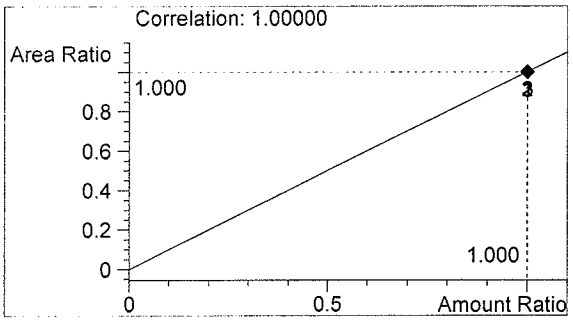


#	Compound	Area	RT
1	Ethanol	500	1.073
2	n-Propanol	1141	1.717

Totals:



Ethanol 0.099 g/100ml



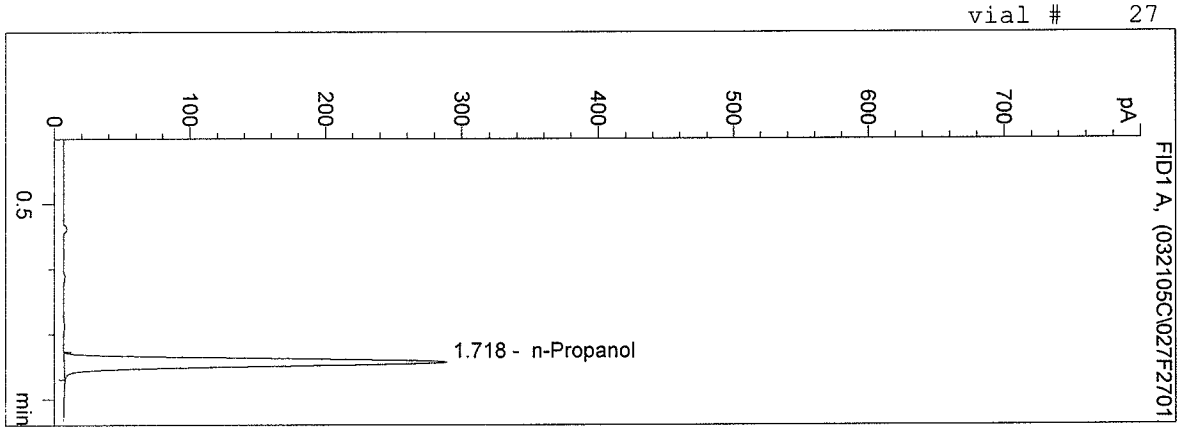
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
3/21/2005 12:26:34 PM
Instrument 4
DB-ALC1

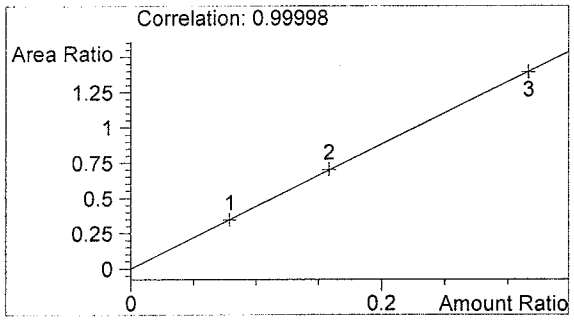
BLANK
ED FORMOSO

vial # 27

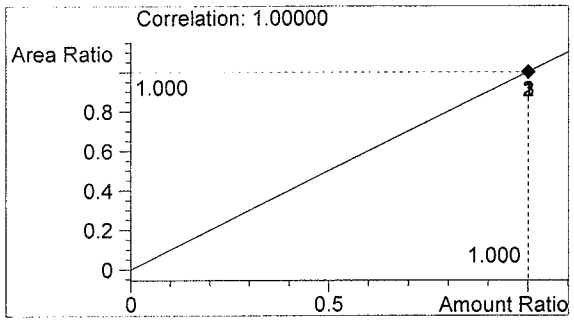


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1140	1.718

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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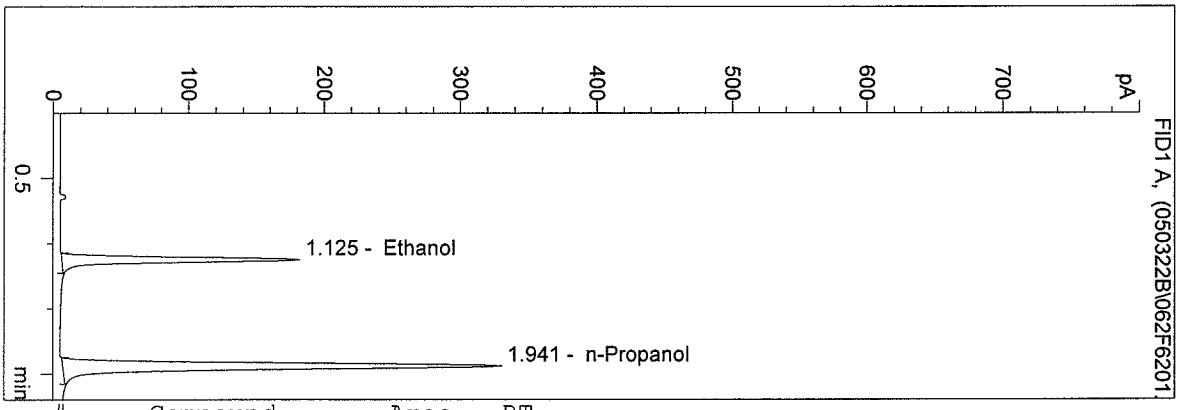
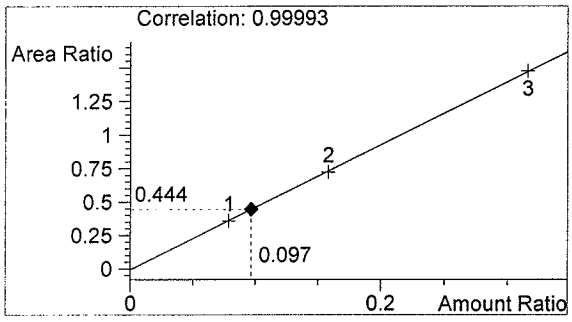
3/22/2005 11:10:15 AM 05012#1
Instrument 5 bcapron
DB-ALC2

vial # 62

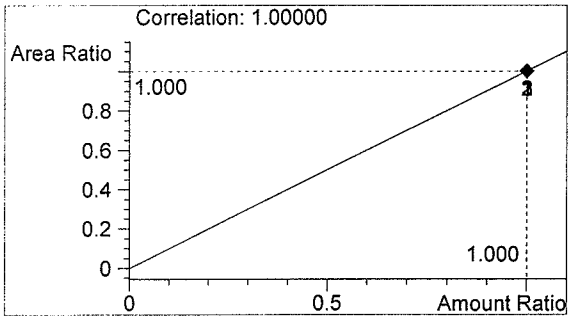


#	Compound	Area	RT
1	Ethanol	484	1.125
2	n-Propanol	1090	1.941

Totals:



Ethanol 0.097 g/100ml

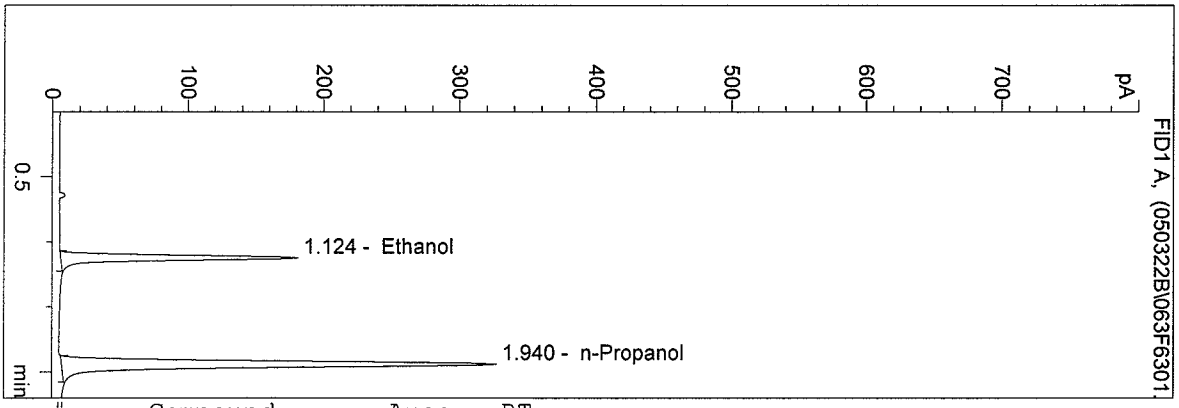


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

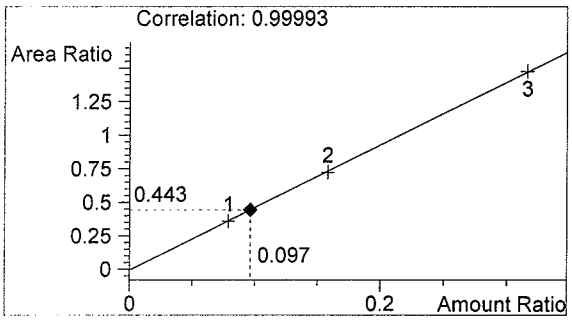
D:\HPCHEM\1\METHODS\BLDALCO2.M
3/22/2005 11:13:14 AM 05012#2
Instrument 5 bcapron
DB-ALC2

vial # 63

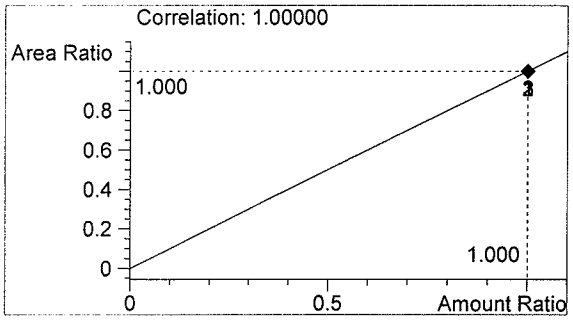


#	Compound	Area	RT
1	Ethanol	475	1.124
2	n-Propanol	1072	1.940

Totals:



Ethanol 0.097 g/100ml

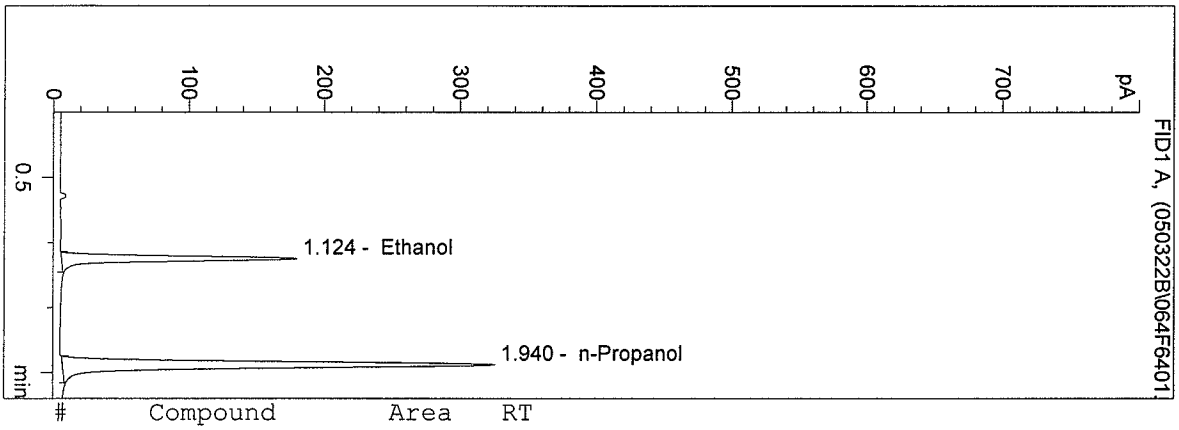


n-Propanol 1.000 g/100ml

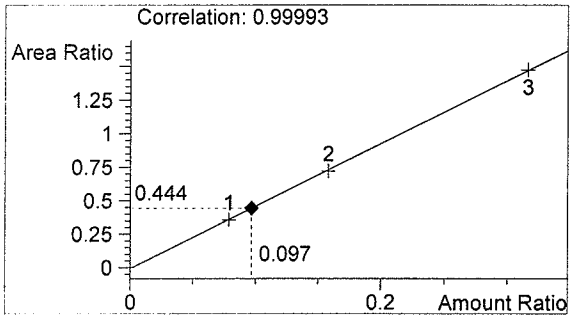
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
3/22/2005 11:16:07 AM 05012#3
Instrument 5 bcapron
DB-ALC2

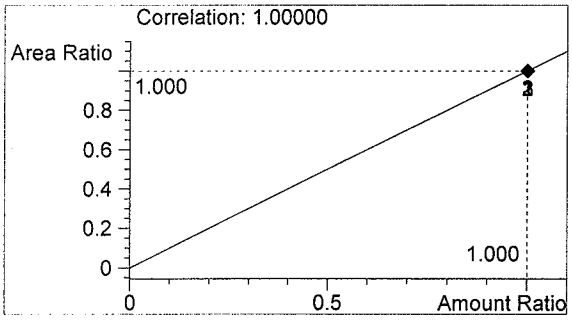
vial # 64



#	Compound	Area	RT
1	Ethanol	475	1.124
2	n-Propanol	1069	1.940
Totals:			



Ethanol 0.097 g/100ml

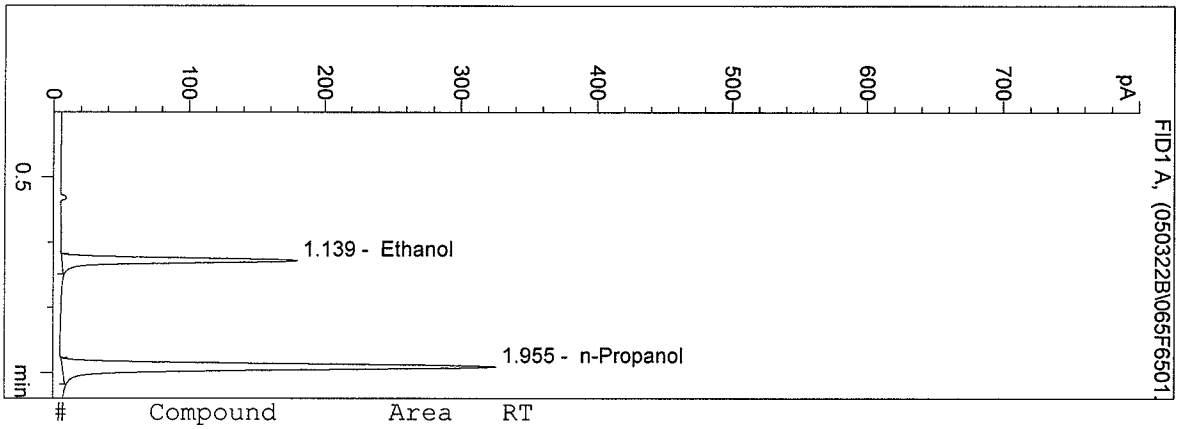


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

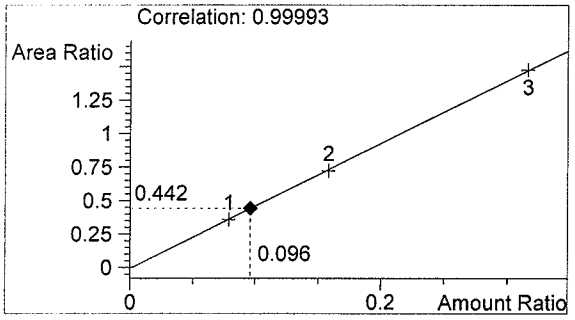
D:\HPCHEM\1\METHODS\BLDALCO2.M
3/22/2005 11:18:54 AM 05012#4
Instrument 5 bcapron
DB-ALC2

vial # 65

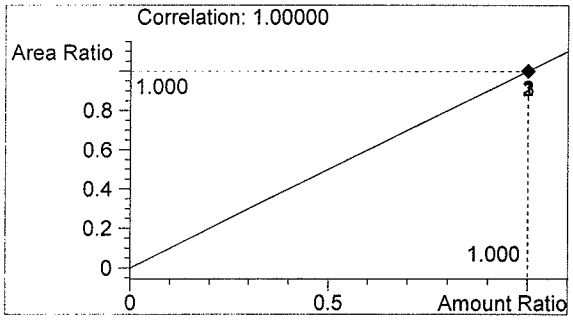


#	Compound	Area	RT
1	Ethanol	474	1.139
2	n-Propanol	1073	1.955

Totals:



Ethanol 0.096 g/100ml



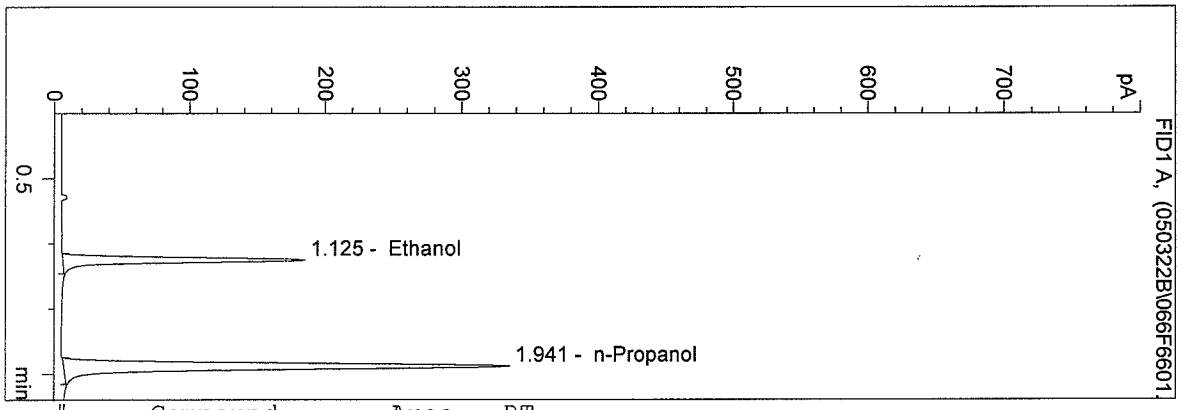
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
3/22/2005 11:22:17 AM
Instrument 5
DB-ALC2

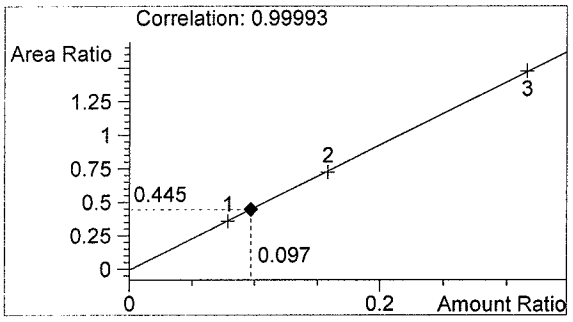
05012#5
bcapron

vial # 66

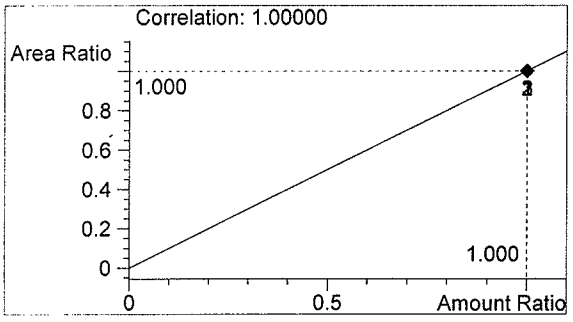


#	Compound	Area	RT
1	Ethanol	489	1.125
2	n-Propanol	1099	1.941

Totals:



Ethanol 0.097 g/100ml



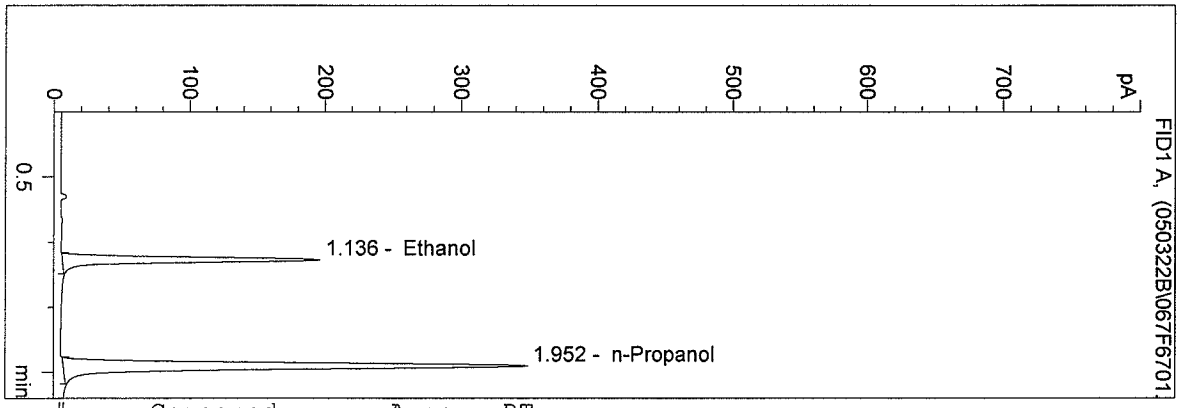
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
3/22/2005 11:25:14 AM
Instrument 5
DB-ALC2

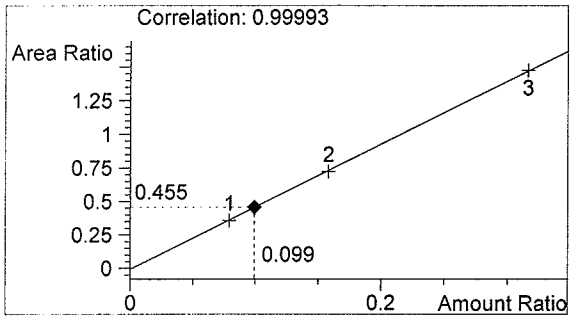
0.10 control bc
bcapron

vial # 67

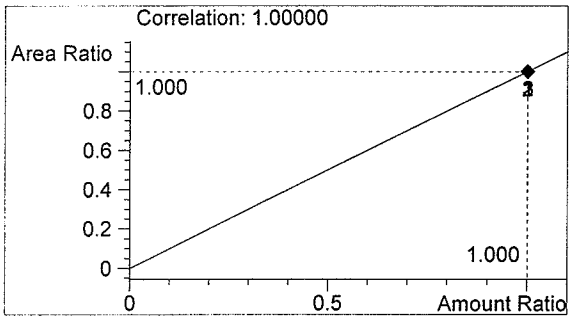


#	Compound	Area	RT
1	Ethanol	525	1.136
2	n-Propanol	1153	1.952

Totals:



Ethanol 0.099 g/100ml

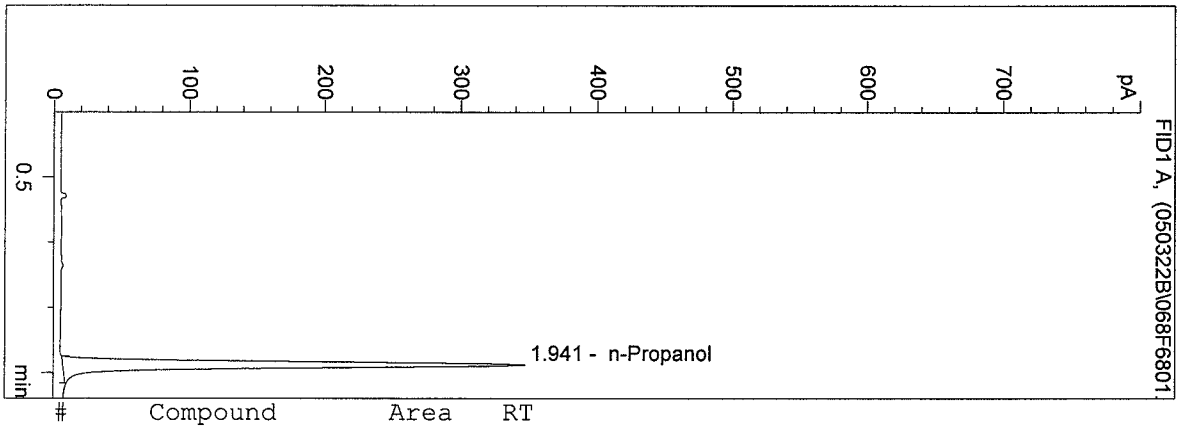


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

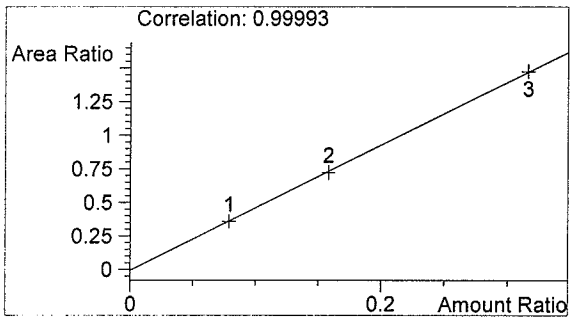
D:\HPCHEM\1\METHODS\BLDALCO2.M
3/22/2005 11:28:08 AM blank
Instrument 5 bcapron
DB-ALC2

vial # 68

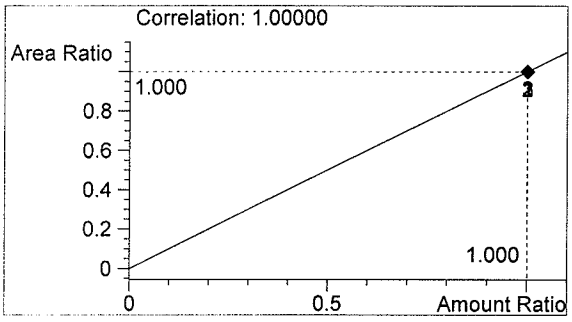


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1146	1.941

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml