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. Denton 11/8/2007

Tpr. Ken Denton Date

R G Gullberg 11-8-2007

Rod G. Gullberg Date

WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/ s: KEN DENTON / ROD GULLBERG Date: 11/6/2007

Location: WSP TOX LAB Solution Batch Number: 04041

	YES	NO
Preparation date precedes all analysis dates:	☒	☐
Data entry corresponds to all chromatograms:	☒	☐
All signatures present on Analysis sheet:	☒	☐
Avg. solution concentration correct?:	☒	☐
Standard deviation correct:	☒	☐
Range correct:	☐	☒
Equivalent vapor concentration correct?	☒	☐
External Control information correct: (lot # and future date)	☒	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐
Corrections Necessary/ Comments	☒	☐

DATE OF ANALYSIS FOR BRIAN C. IS INCORRECT

Reviewer Signature: R S Gullberg Date: 11-6-07

Reviewer Signature: K.L. D Date: 11/6/2007

Rev. Date: 10/31/2007

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 **Simulator External Standard solution**

Batch number **04041** Date: 11/19/2004

Preparation: 69.1 mL of absolute ethyl alcohol diluted to 54 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	0.100	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.102	0.102	0.102	0.103
2	0.100	0.101	0.101	0.102	0.103	0.101	0.101	0.101	0.102	0.102	0.103	0.102
3	0.101	0.101	0.101	0.102	0.102	0.101	0.102	0.102	0.102	0.102	0.102	0.103
4	0.101	0.101	0.101	0.102	0.103	0.101	0.102	0.103	0.102	0.102	0.102	0.102
5	0.101	0.101	0.101	0.101	0.102	0.101	0.102	0.102	0.102	0.102	0.102	0.102
Ctrl	0.097	0.098	0.099	0.098	0.099	0.099	0.098	0.099	0.099	0.099	0.099	0.099

11-6-07

External Control:

Lot #: A-028603 Exp date: 12/07

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1016 g/100 mL

SD: 0.00072

Range (3xSD): ~~0.0994~~ 0.0995 to ~~0.1038~~ 0.1037

Precision CV (%): ~~0.7083~~ 0.7040 %

Equivalent vapor concent.: 0.0826 g/210L

Analyst	Name	Signature	Date
1	Estuardo J. Miranda		11/19/2004
2	Mary E Wilson		11/19/2004
3	Jayne E. Clarkson		11/23/2004
4	Asa Louis		11/24/2004
5	Ann Marie Gordon		11/29/2004
6	Dorota B Schranz, PhD		11/29/2004
7	William P Marshall		11/30/2004
8	Edward Formoso		11/29/2004
9	Naziha Nuwayhid, PhD		12/01/2004
10	Melissa Pemberton		12/02/2004
11	Brian Capron		12.2.04 ~~12/03/2004~~ 11.7.07
12	Kari Gruendell		12/03/2004

Prepared by: Estuardo J. Miranda according to the approved protocol

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Naziha Nuwayhid, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: Bachelor and Masters degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and three years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/la
NNSIMSOL

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.

11/8/07

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: Bachelor of Science in Chemistry, Master of Science in Zoology, seven years experience in biochemical research and six years experience in Forensic Toxicology.

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/la
EMSIMSOL

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.

1-04-2005

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Melissa L. Pemberton, 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 BAC Verifier Data Master breath test instrument.

I possess the following qualifications: Bachelors degree in Microbiology and ten years of experience as a forensic toxicologist.

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/la
MPSIMSOL

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.

11/7/05

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Biology and eight years of experience in forensic toxicology.

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Brian Capron
Forensic Toxicologist

BC/la
BCSIMSOL

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 11.7.07

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Mary E. Wilson, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

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

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/la
MEWSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Jayne E. Clarkson, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Cell and Molecular Biology and two years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Jayne E. Clarkson
Jayne E. Clarkson
Forensic Toxicologist

JEC/la
JCSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Asa J. Louis, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

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

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/la
AJLSIMSOL

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.

2005 NOV 07

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Dorota Schranz, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: Ph.D. degree in Medical Sciences, M.S. degree in Medical Technology, and eleven years analytical laboratory experience.

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Dorota Schranz, Ph.D.
Forensic Toxicology Technical Lead

DS/la
DSSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, William P. Marshall, 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 simulator solutions for the BAC Verifier Data Master 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 simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04 I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/la
WMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Edward J. Formoso, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

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

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/la
EFSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Kari D. Gruendell, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Biology and a minor in Chemistry and two years of analytical laboratory experience.

The simulator solution, Lot Number 04041, was prepared in the Washington State Toxicology Laboratory on 11/19/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/19/05.

Dated: 12/20/04
Seattle, WA

Kari D. Gruendell
Forensic Toxicologist

KDG/la
KDGSIMSOL

Sequence Parameters:

Operator:	Estuardo J. Miranda
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	041119EM
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	Sim Sol 04041-1	BLDALCO2	1	Sample		
2	Vial 2	Sim Sol 04041-2	BLDALCO2	1	Sample		
3	Vial 3	Sim Sol 04041-3	BLDALCO2	1	Sample		
4	Vial 4	Sim Sol 04041-4	BLDALCO2	1	Sample		
5	Vial 5	Sim Sol 04041-5	BLDALCO2	1	Sample		
6	Vial 6	0.100 EM Control	BLDALCO2	1	Ctrl Samp		
7	Vial 7	Blank	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

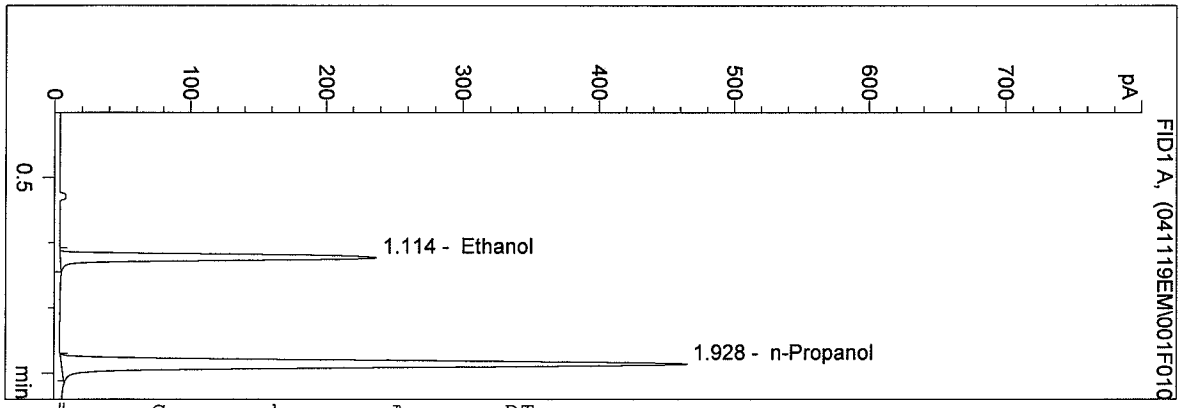
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
11/19/2004 2:19:44 PM
Instrument 5
DB-ALC2

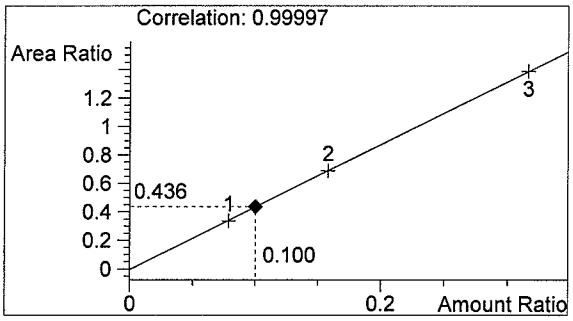
Sim Sol 04041-1
Estuardo J. Miranda

vial # 1

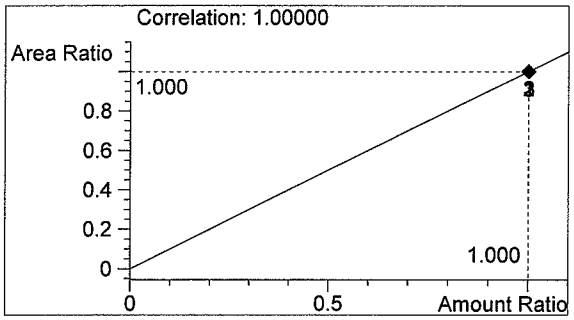


#	Compound	Area	RT
1	Ethanol	726	1.114
2	n-Propanol	1667	1.928

Totals:



Ethanol 0.100 g/100ml



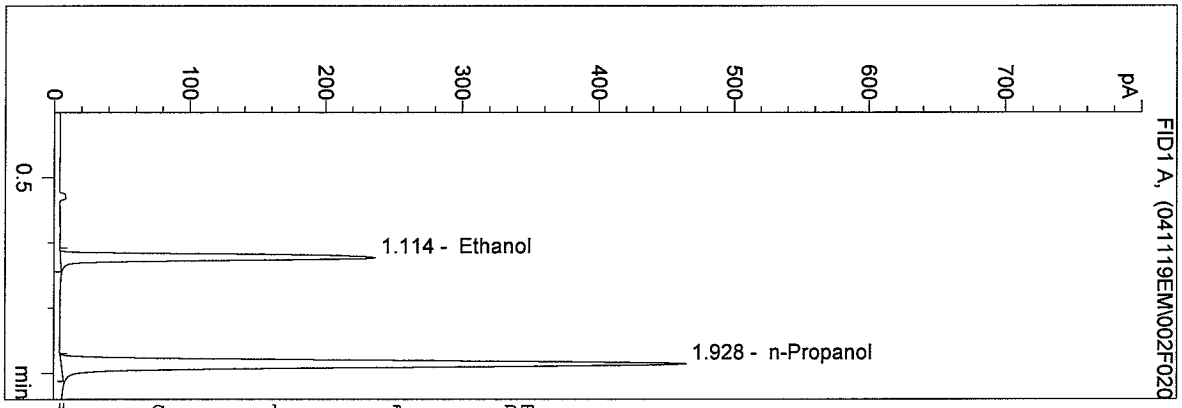
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
11/19/2004 2:22:38 PM
Instrument 5
DB-ALC2

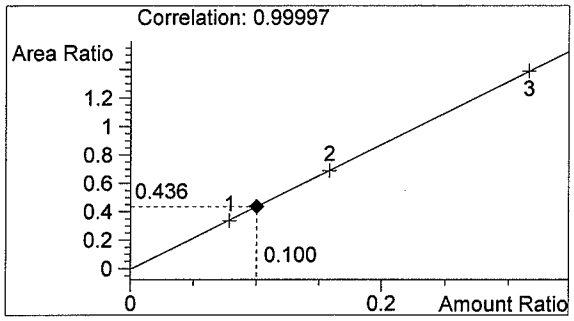
Sim Sol 04041-2
Estuardo J. Miranda

vial # 2

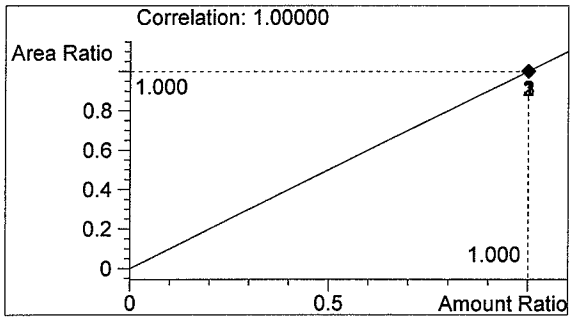


#	Compound	Area	RT
1	Ethanol	725	1.114
2	n-Propanol	1665	1.928

Totals:



Ethanol 0.100 g/100ml



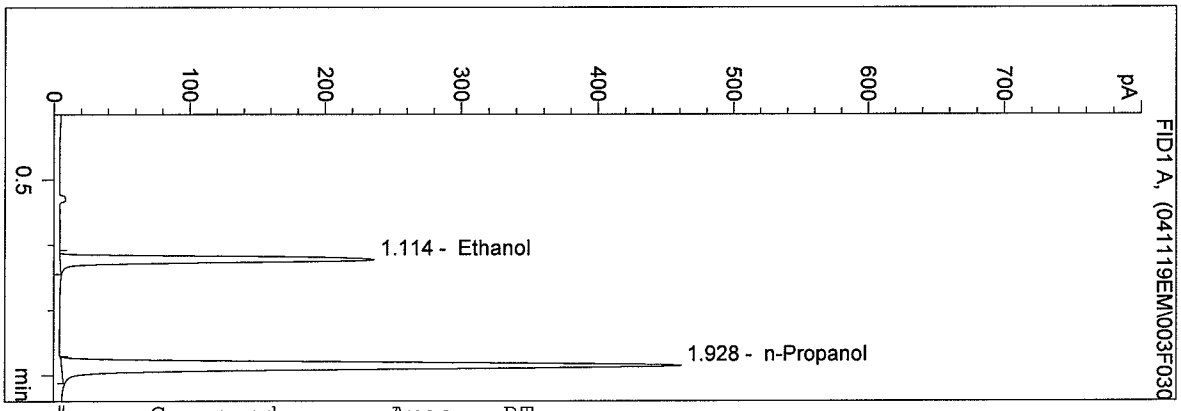
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
11/19/2004 2:25:15 PM
Instrument 5
DB-ALC2

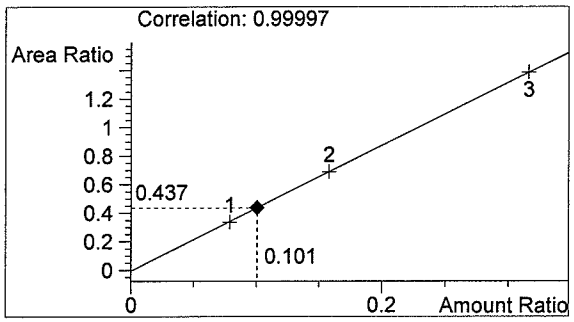
Sim Sol 04041-3
Estuardo J. Miranda

vial # 3

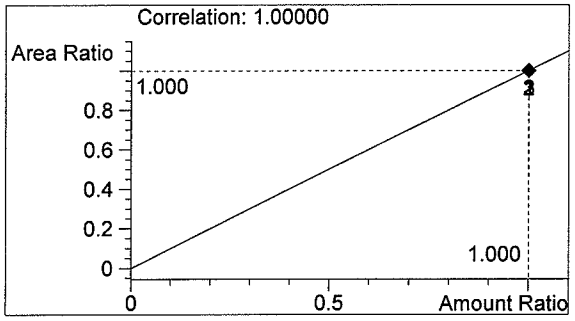


#	Compound	Area	RT
1	Ethanol	719	1.114
2	n-Propanol	1644	1.928

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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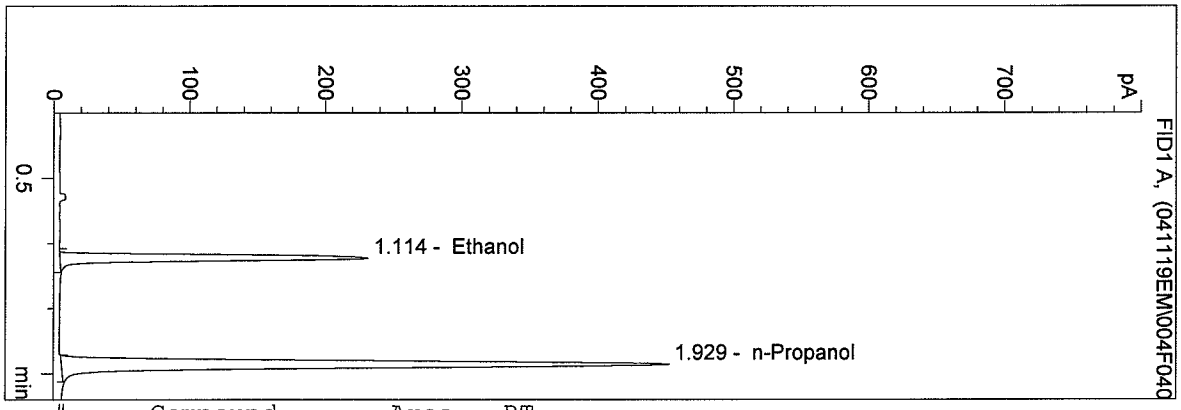
D:\HPCHEM\1\METHODS\BLDALCO2.M
11/19/2004 2:28:03 PM
Instrument 5
DB-ALC2

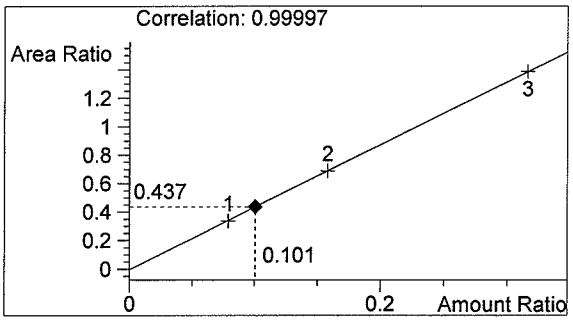
Sim Sol 04041-4
Estuardo J. Miranda

vial # 4

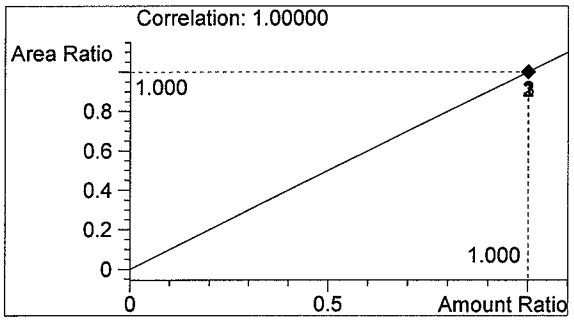


#	Compound	Area	RT
1	Ethanol	706	1.114
2	n-Propanol	1614	1.929

Totals:



Ethanol 0.101 g/100ml



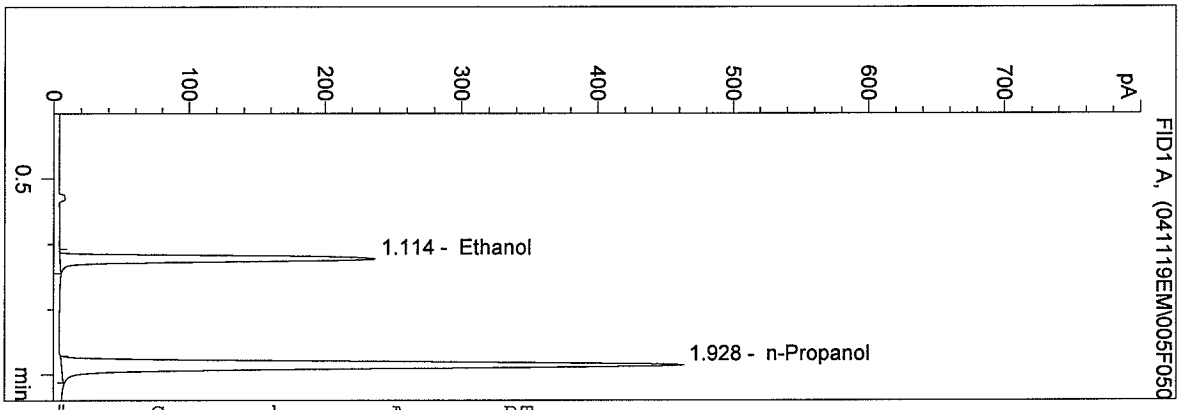
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
11/19/2004 2:31:42 PM
Instrument 5
DB-ALC2

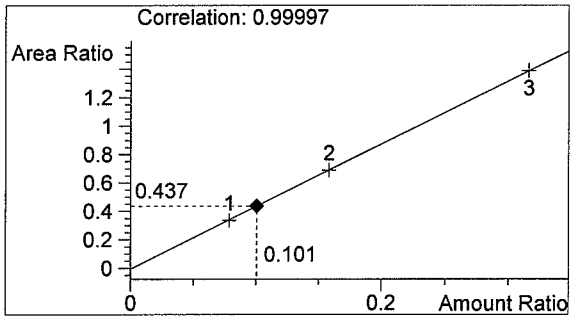
Sim Sol 04041-5
Estuardo J. Miranda

vial # 5

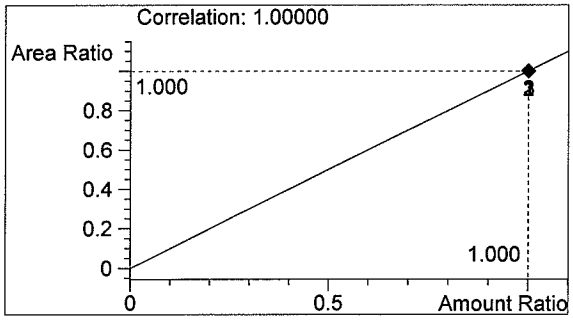


#	Compound	Area	RT
1	Ethanol	722	1.114
2	n-Propanol	1652	1.928

Totals:



Ethanol 0.101 g/100ml



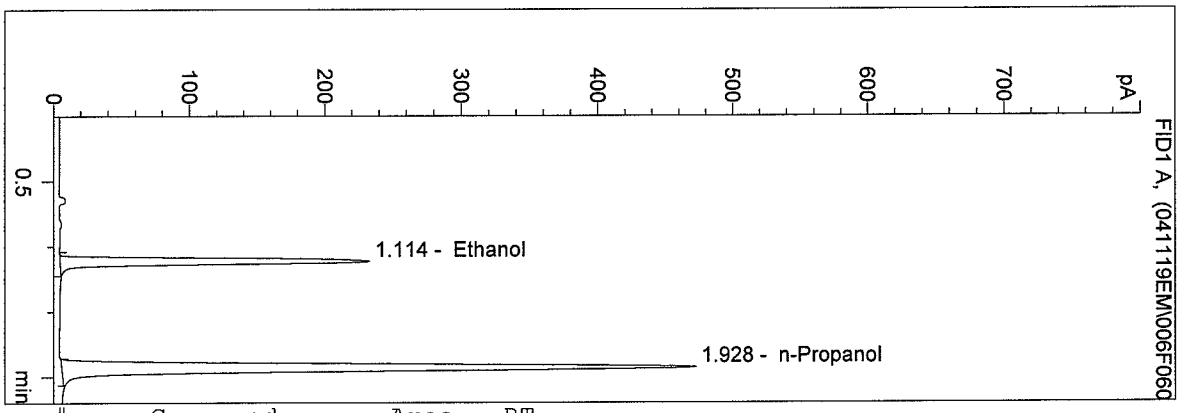
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
11/19/2004 2:34:40 PM
Instrument 5
DB-ALC2

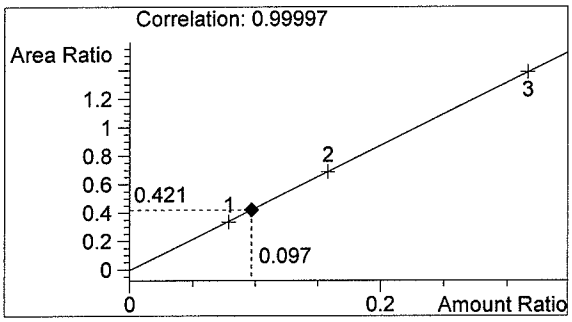
0.100 EM Control
Estuardo J. Miranda

vial # 6

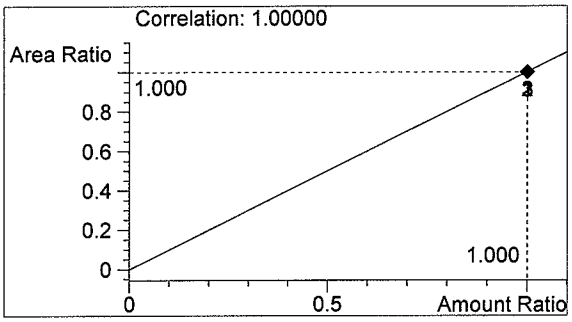


#	Compound	Area	RT
1	Ethanol	712	1.114
2	n-Propanol	1690	1.928

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 5
DB-ALC2

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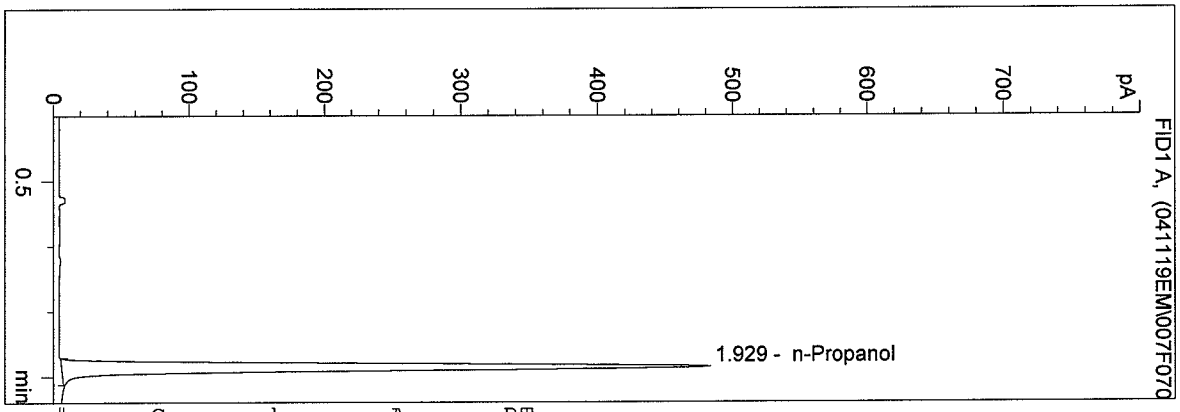
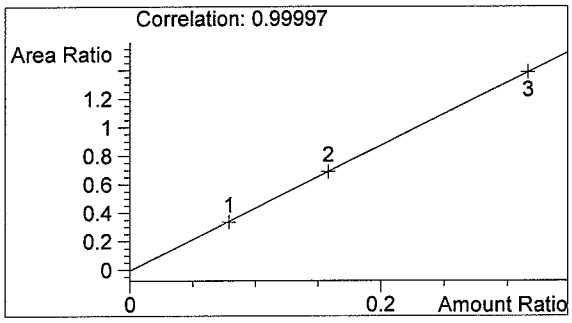
Estuardo J. Miranda

vial # 7

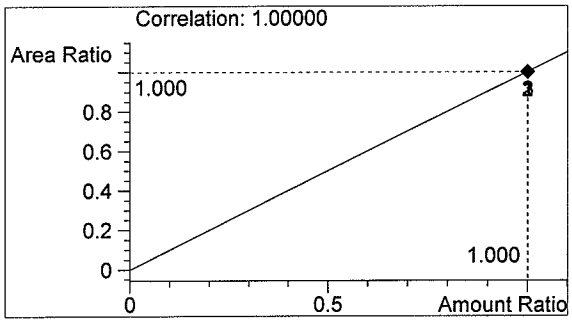


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1726	1.929

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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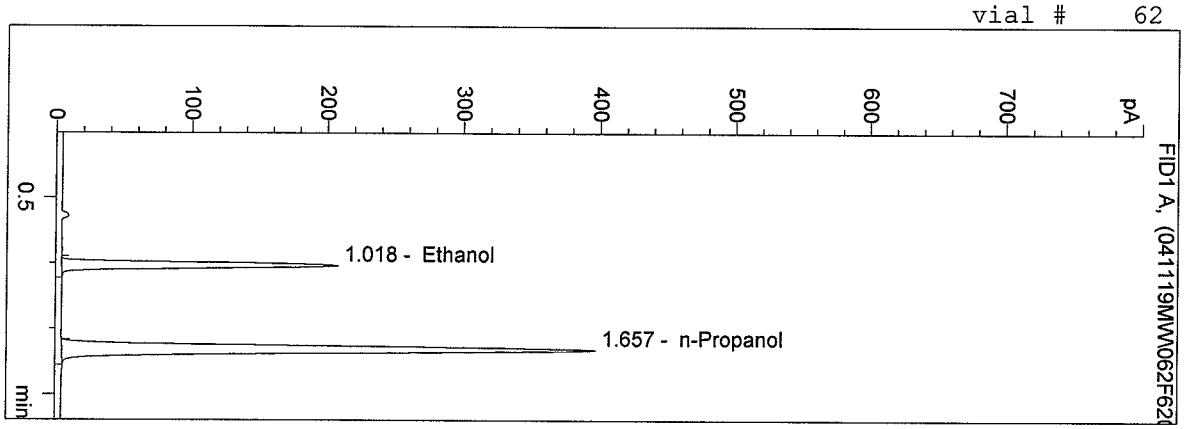
Instrument 4
DB-ALC1

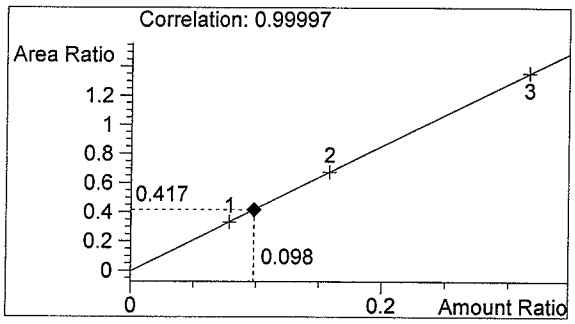
0.10ctlmw
mary wilson

vial # 62

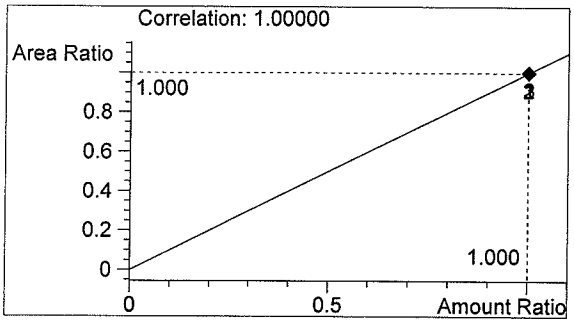


#	Compound	Area	RT
1	Ethanol	582	1.018
2	n-Propanol	1397	1.657

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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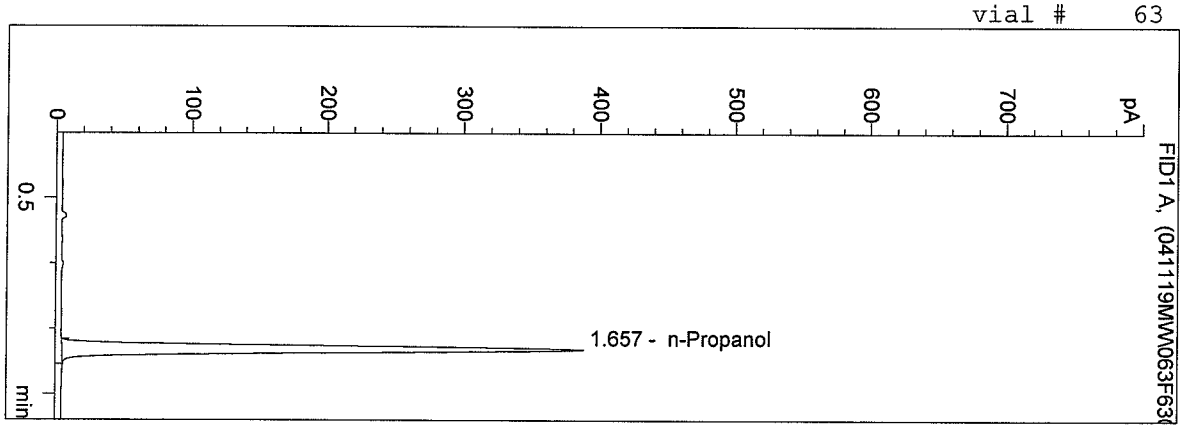
Instrument 4
DB-ALC1

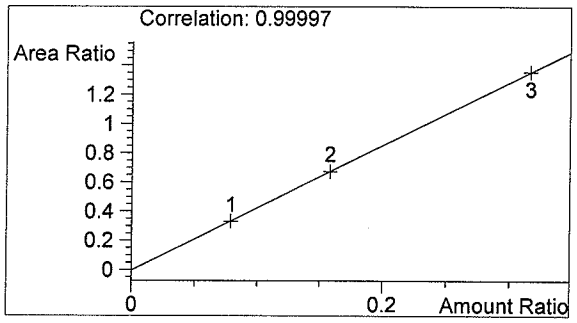
blank
mary wilson

vial # 63

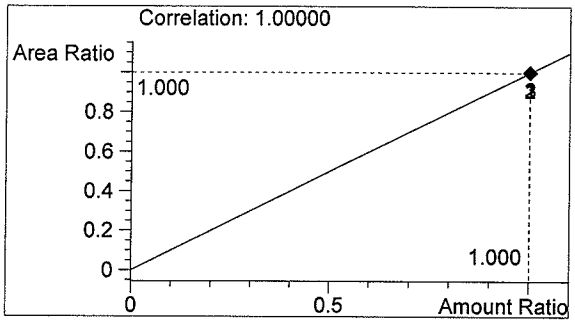


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1367	1.657

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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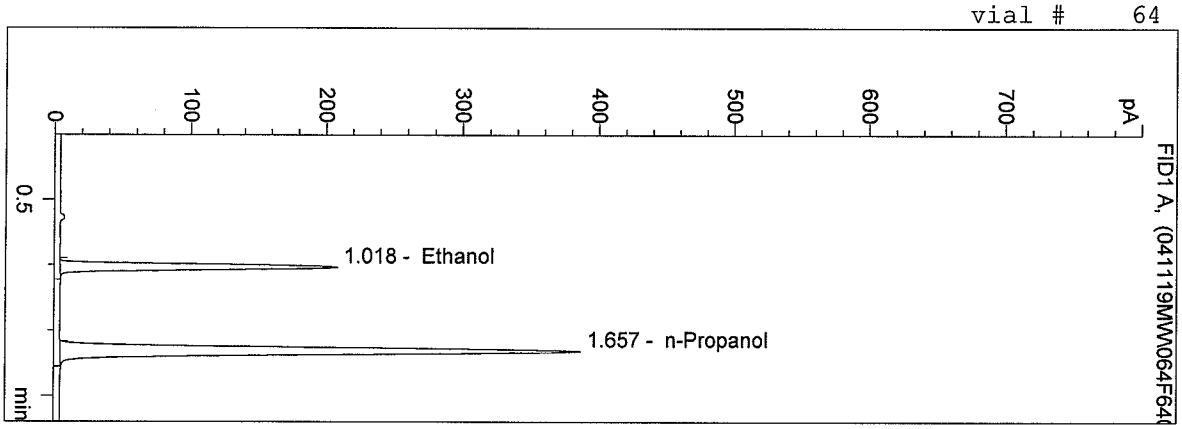
Instrument 4
DB-ALC1

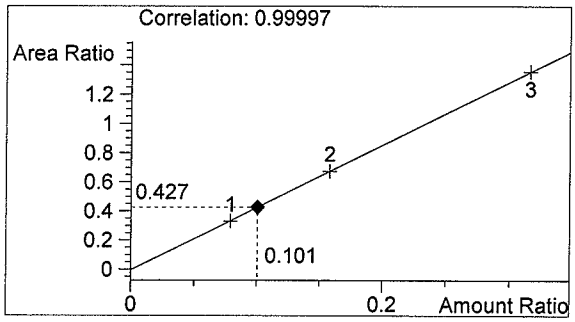
04041sim sol
mary wilson

vial # 64

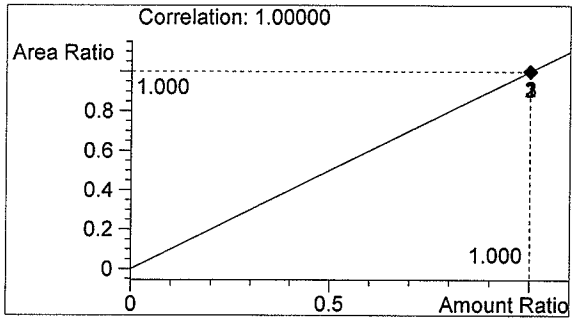


#	Compound	Area	RT
1	Ethanol	581	1.018
2	n-Propanol	1360	1.657

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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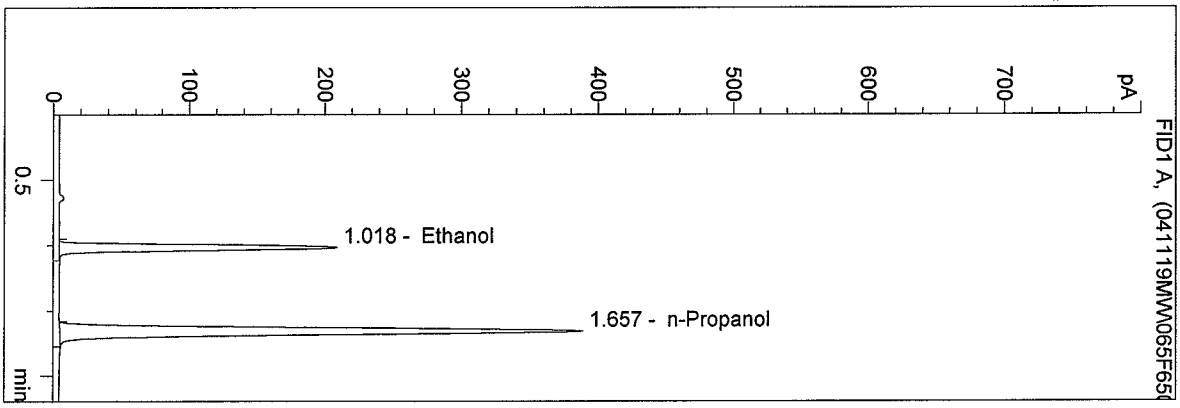
Instrument 4
DB-ALC1

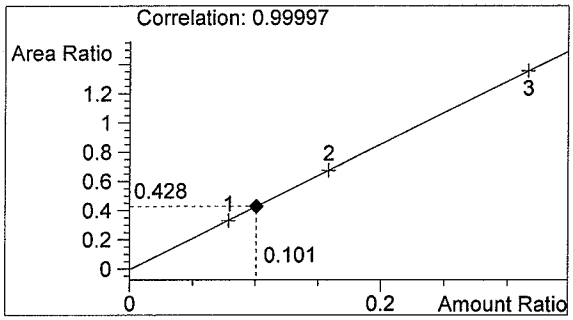
04041sim sol
mary wilson

vial # 65

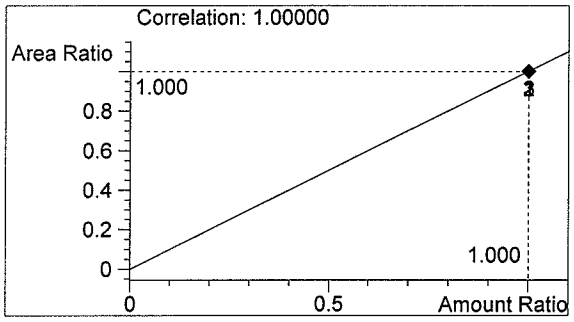


#	Compound	Area	RT
1	Ethanol	587	1.018
2	n-Propanol	1369	1.657

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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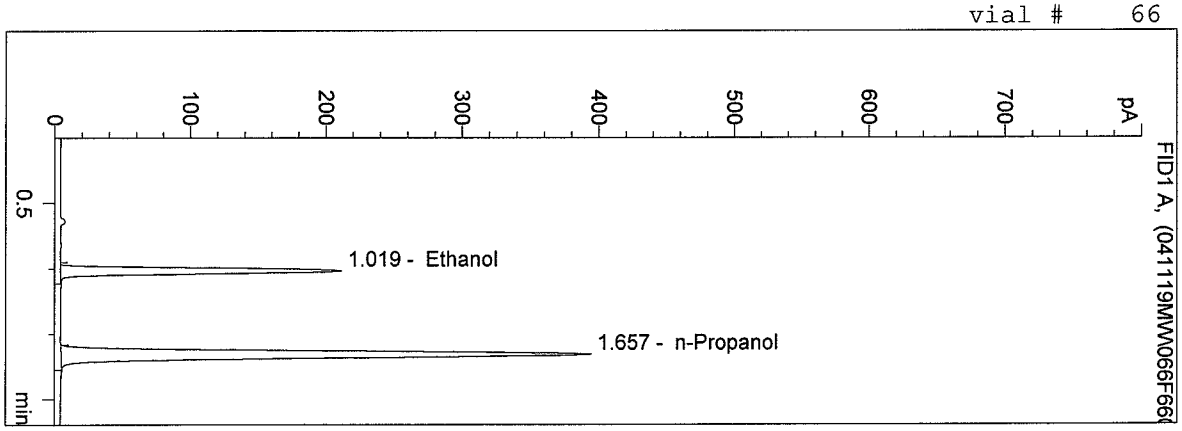
Instrument 4
DB-ALC1

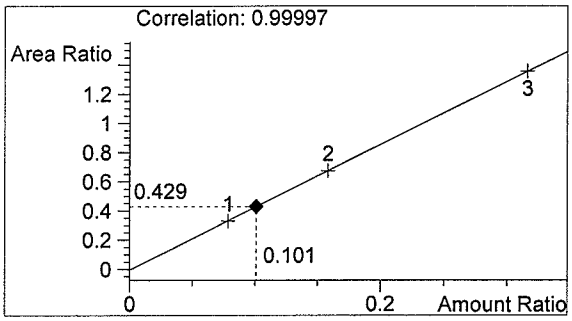
04041sim sol
mary wilson

vial # 66

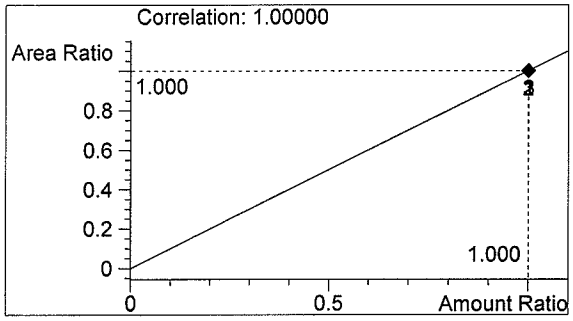


#	Compound	Area	RT
1	Ethanol	596	1.019
2	n-Propanol	1389	1.657

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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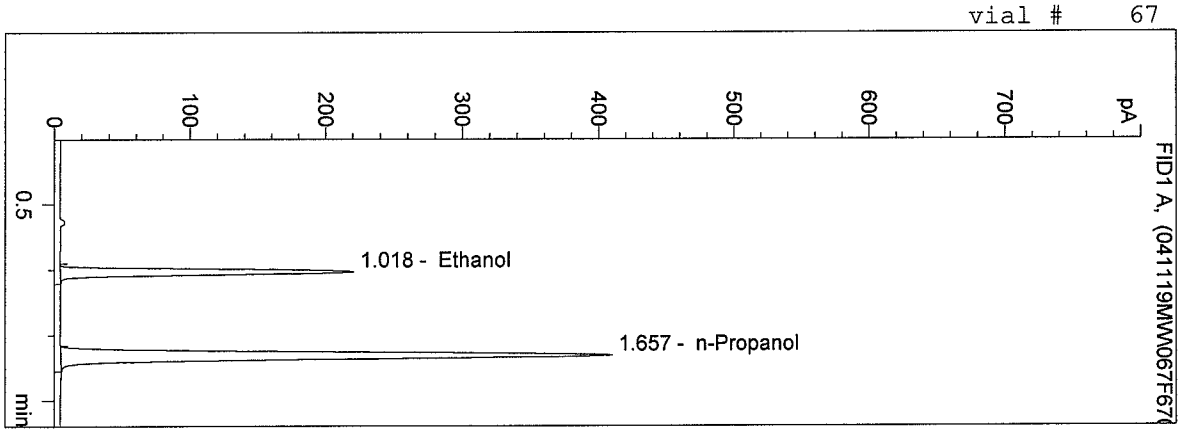
Instrument 4
DB-ALC1

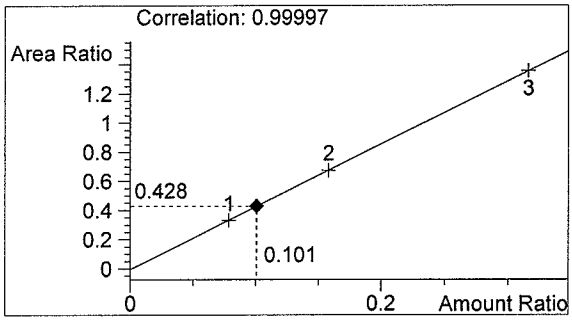
04041sim sol
mary wilson

vial # 67

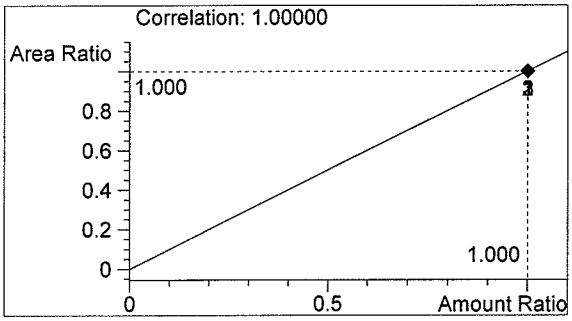


#	Compound	Area	RT
1	Ethanol	619	1.018
2	n-Propanol	1444	1.657

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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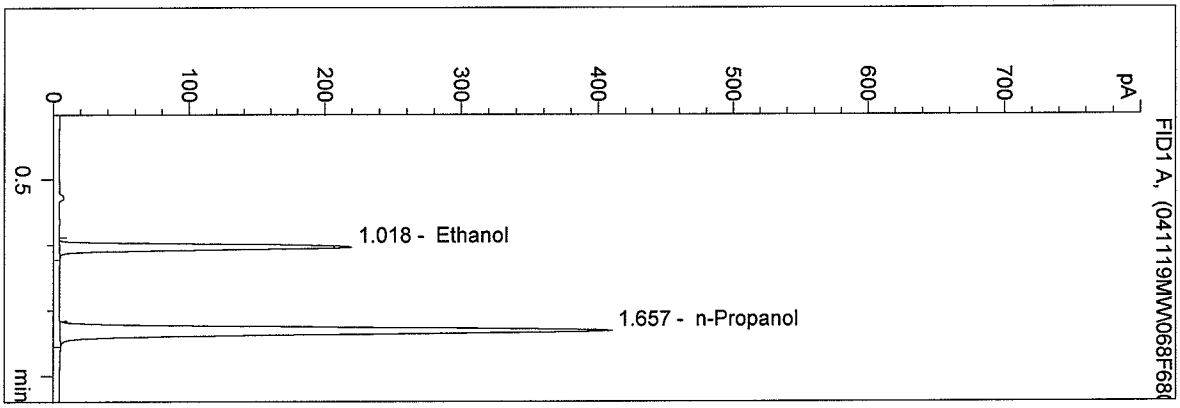
Instrument 4
DB-ALC1

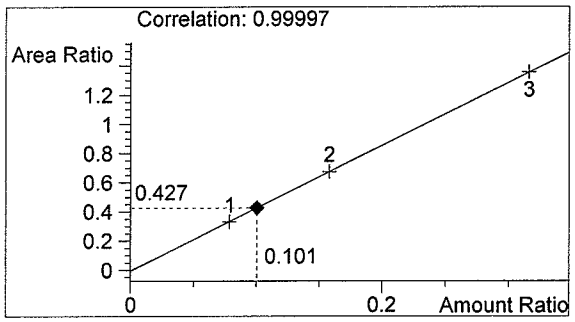
04041sim sol
mary wilson

vial # 68

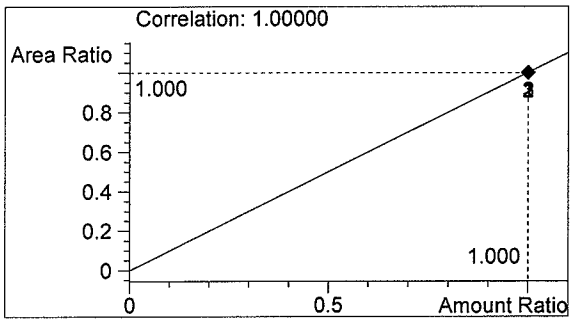


#	Compound	Area	RT
1	Ethanol	617	1.018
2	n-Propanol	1446	1.657

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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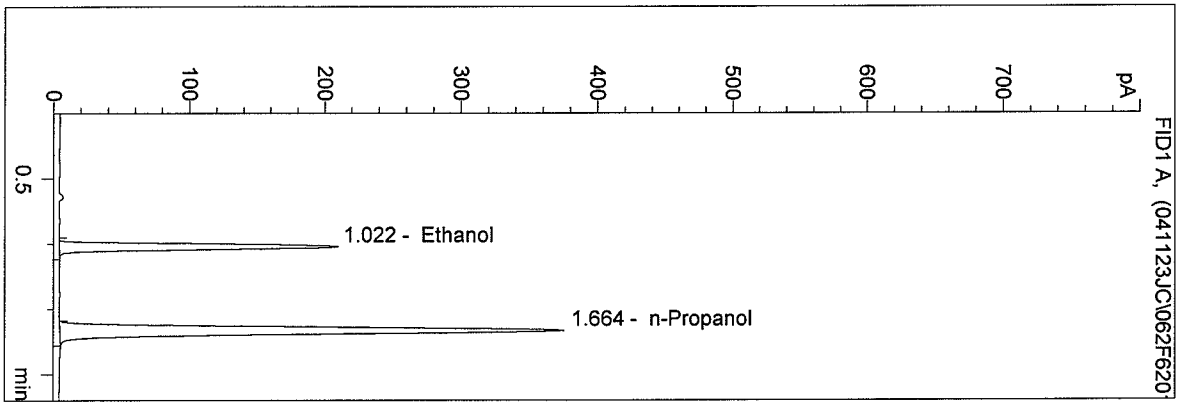
Instrument 4
DB-ALC1

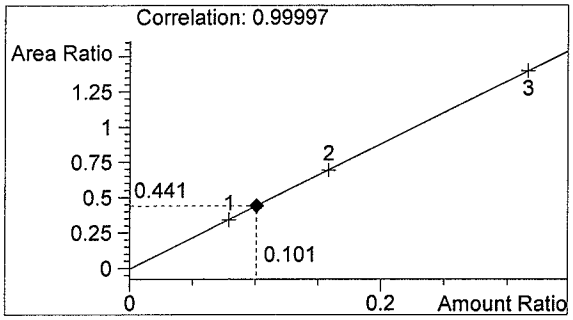
SimSoln 04041
Jayne E. Clarkson

vial # 62

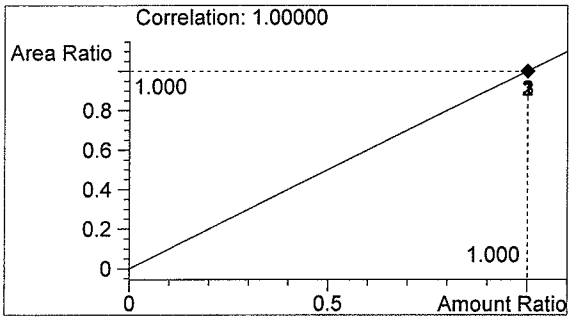


#	Compound	Area	RT
1	Ethanol	582	1.022
2	n-Propanol	1319	1.664

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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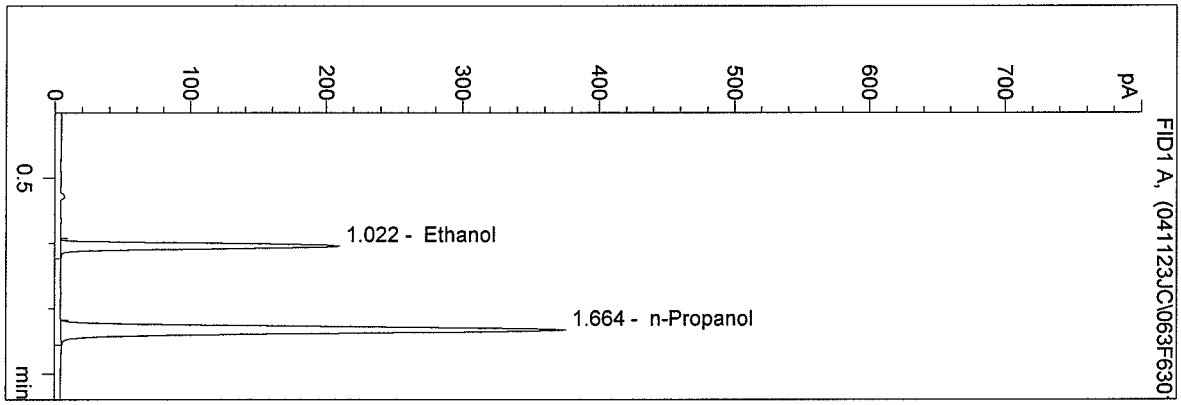
Instrument 4
DB-ALC1

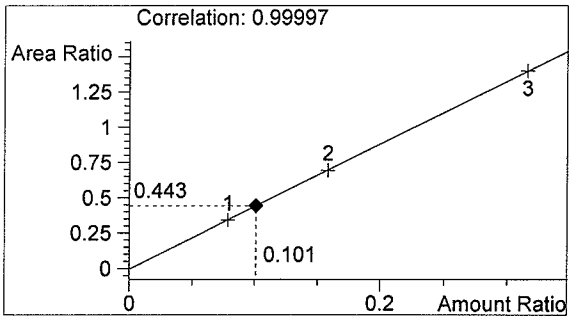
SimSoln 04041
Jayne E. Clarkson

vial # 63

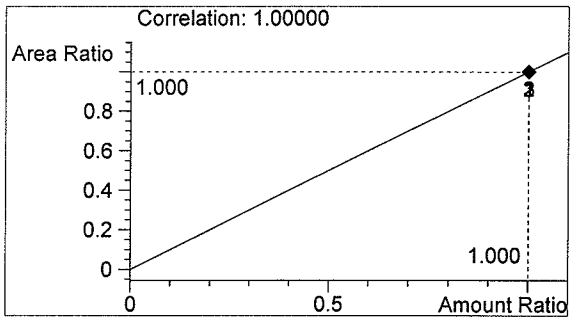


#	Compound	Area	RT
1	Ethanol	583	1.022
2	n-Propanol	1315	1.664

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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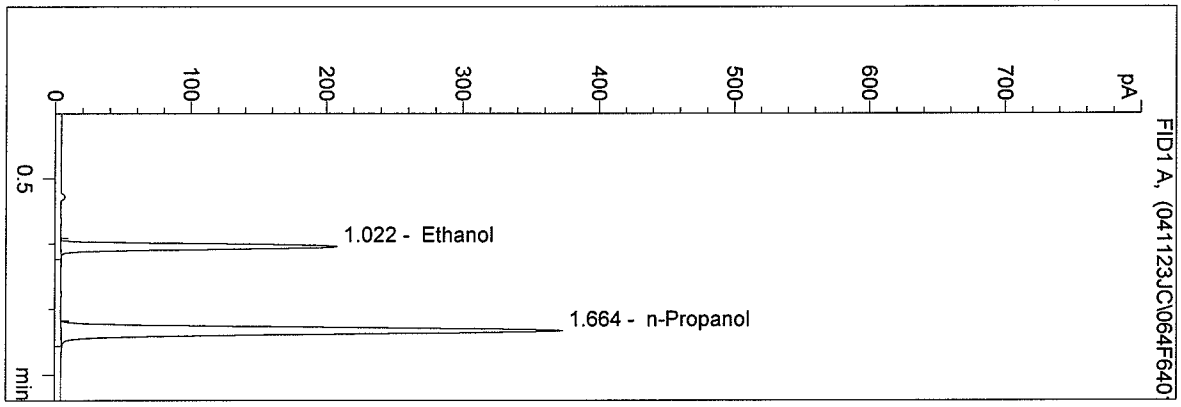
Instrument 4
DB-ALC1

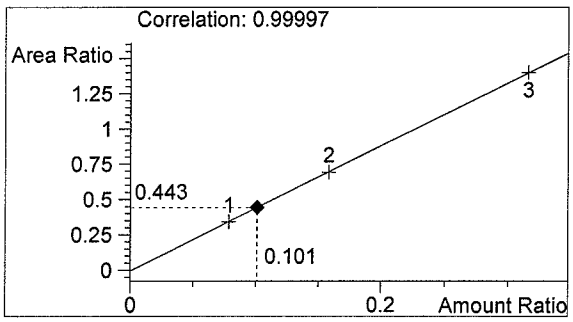
SimSoln 04041
Jayne E. Clarkson

vial # 64

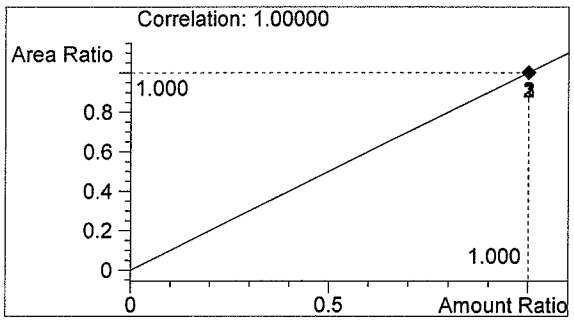


#	Compound	Area	RT
1	Ethanol	581	1.022
2	n-Propanol	1312	1.664

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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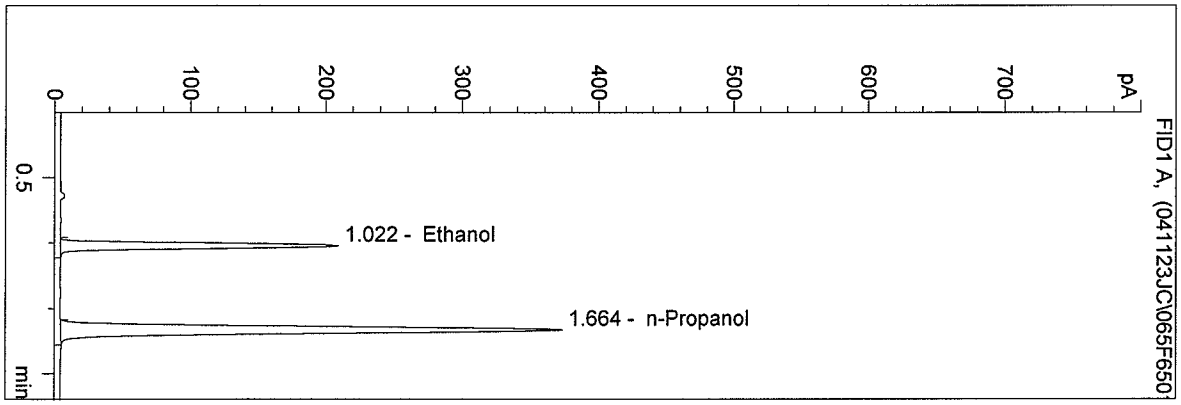
Instrument 4
DB-ALC1

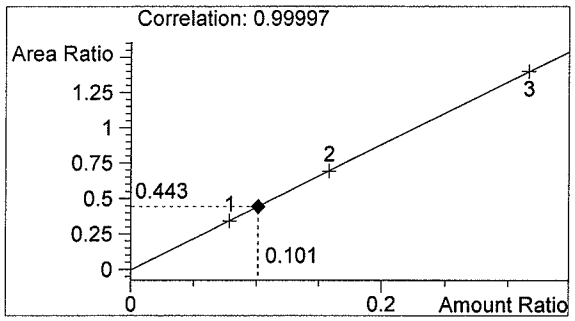
SimSoln 04041
Jayne E. Clarkson

vial # 65

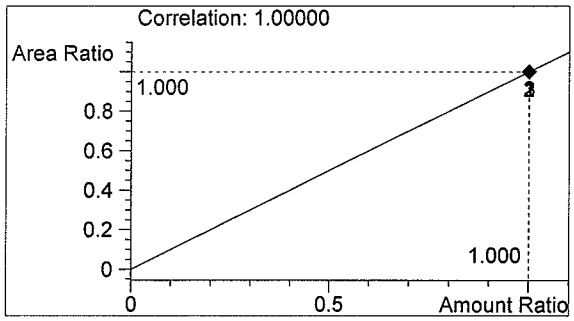


#	Compound	Area	RT
1	Ethanol	579	1.022
2	n-Propanol	1305	1.664

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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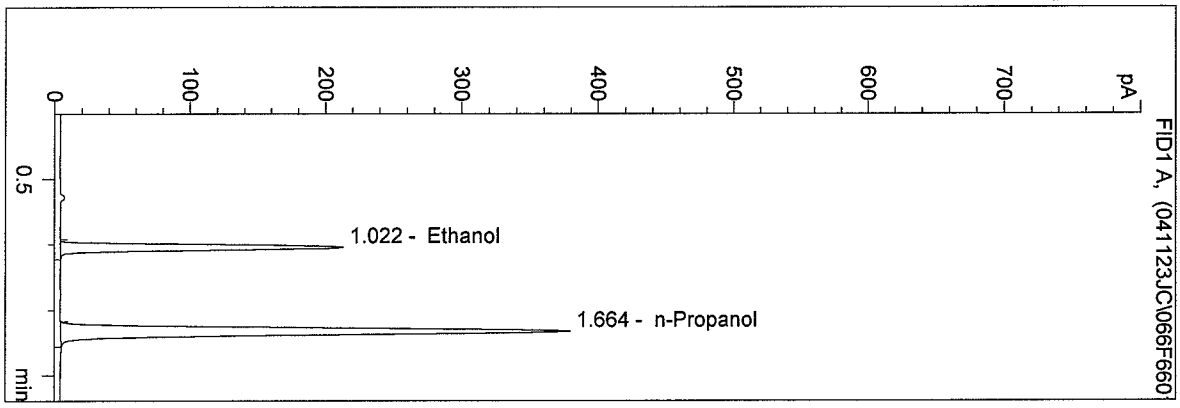
Instrument 4
DB-ALC1

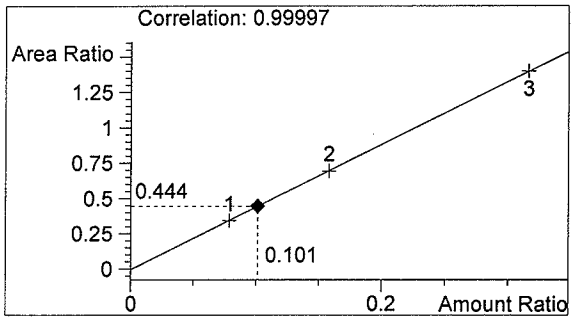
SimSoln 04041
Jayne E. Clarkson

vial # 66

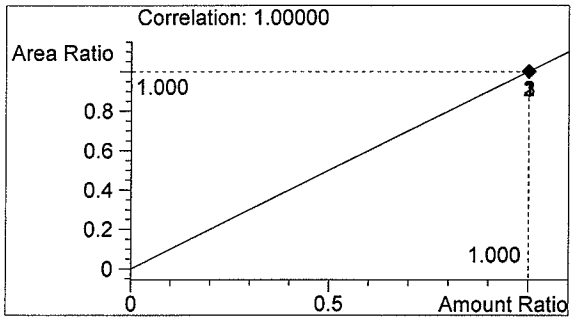


#	Compound	Area	RT
1	Ethanol	589	1.022
2	n-Propanol	1326	1.664

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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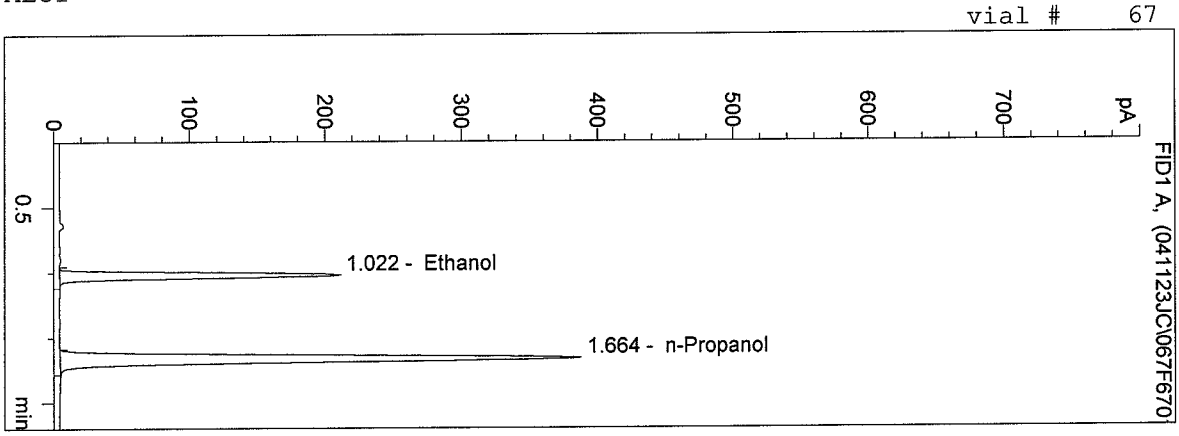
Instrument 4
DB-ALC1

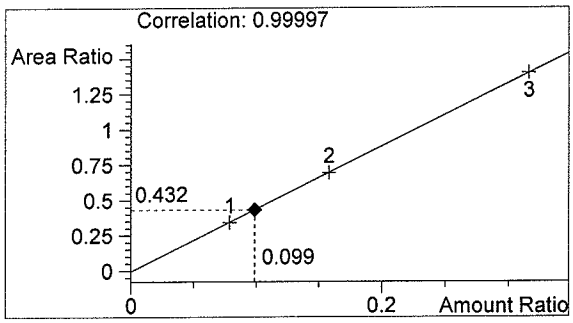
0.10 CONTROL
Jayne E. Clarkson

vial # 67

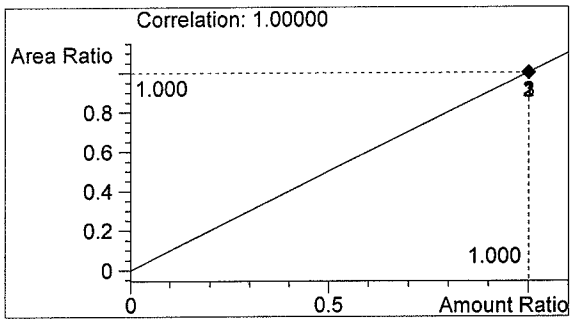


#	Compound	Area	RT
1	Ethanol	589	1.022
2	n-Propanol	1363	1.664

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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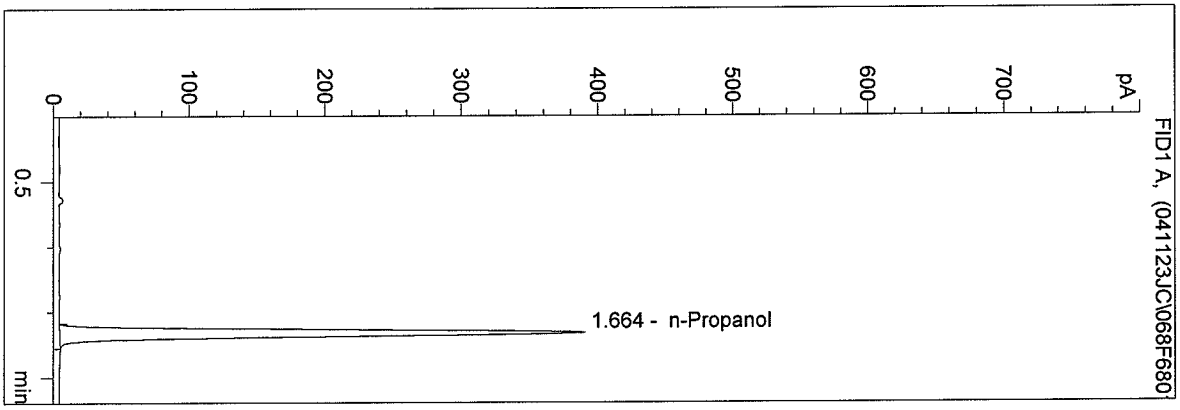
Instrument 4
DB-ALC1

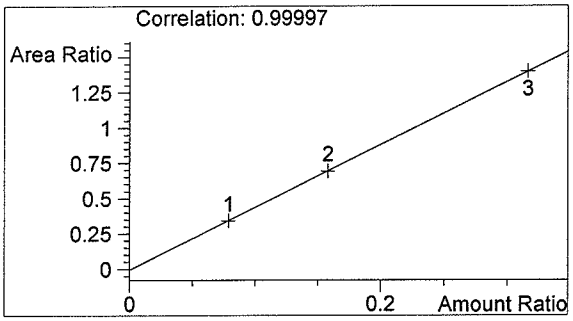
BLANK
Jayne E. Clarkson

vial # 68

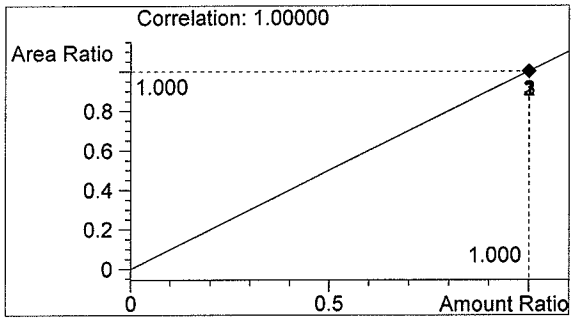


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1376	1.664

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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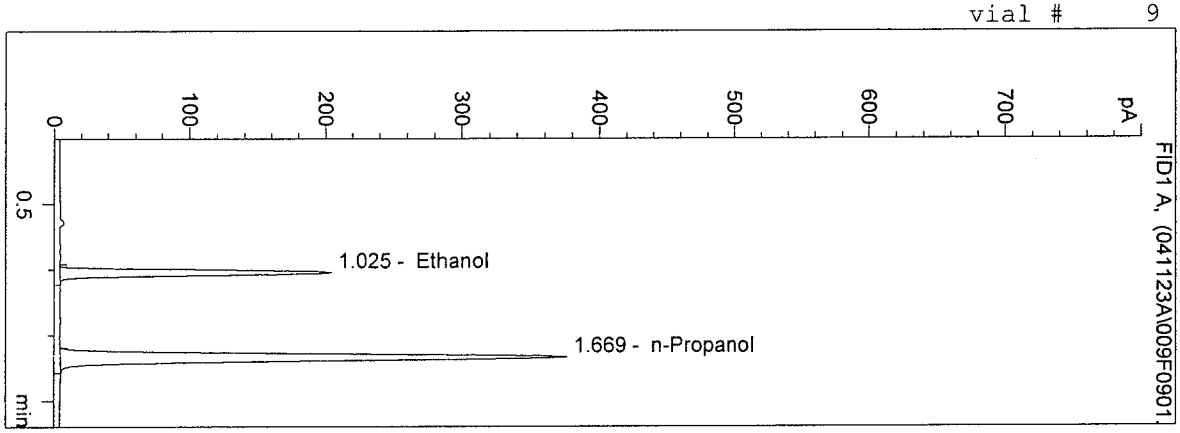
11/24/2004 8:13:10 AM
Instrument 4
DP-ALC1

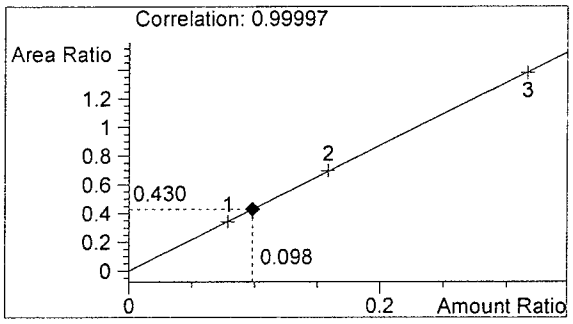
0.100 con al
alouis

vial # 9

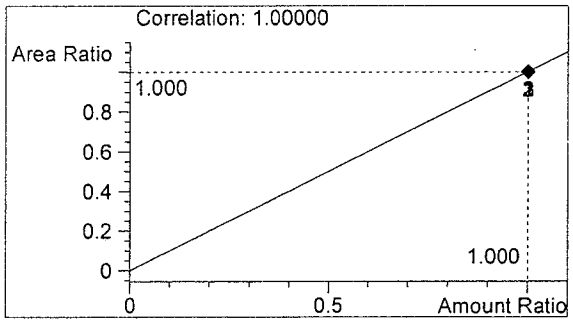


#	Compound	Area	RT
1	Ethanol	568	1.025
2	n-Propanol	1321	1.669

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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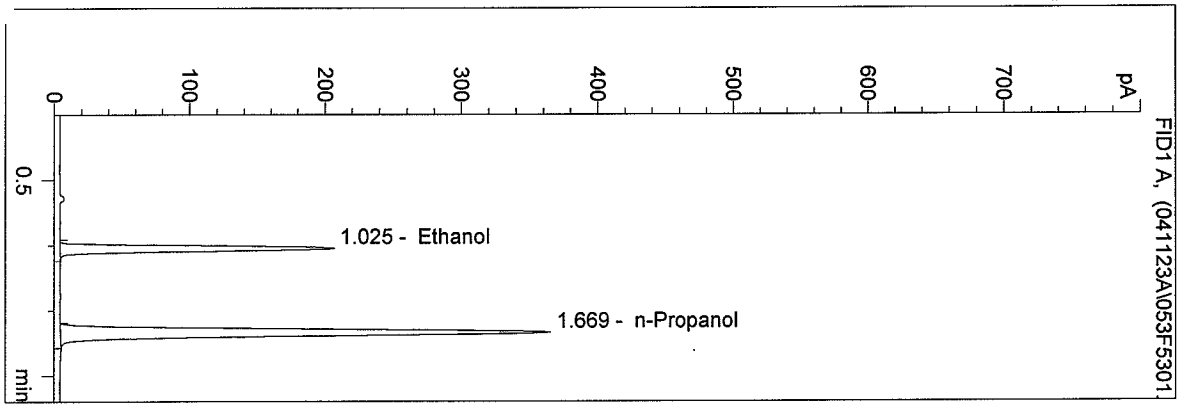
Instrument 4
DB-ALC1

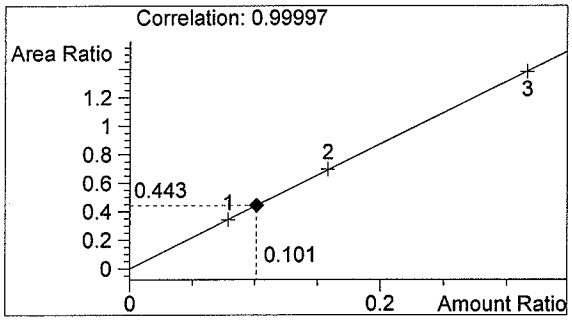
04041a
alouis

vial # 53

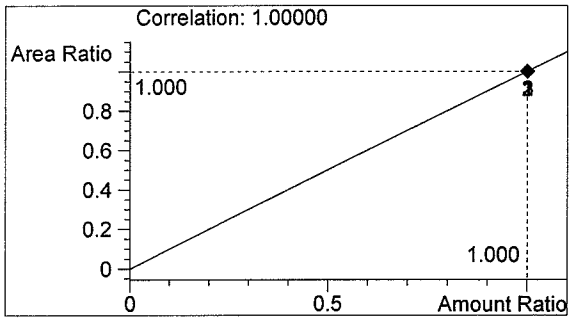


#	Compound	Area	RT
1	Ethanol	563	1.025
2	n-Propanol	1271	1.669

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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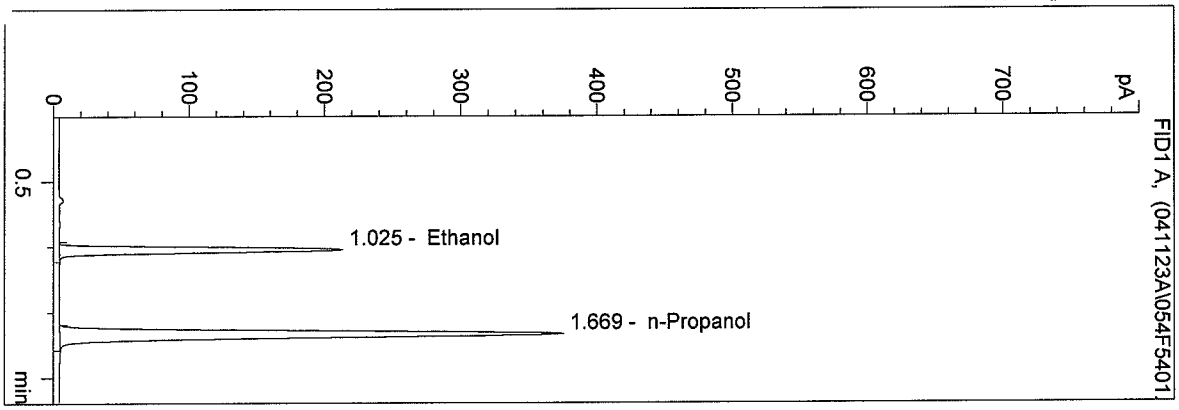
Instrument 4
DB-ALC1

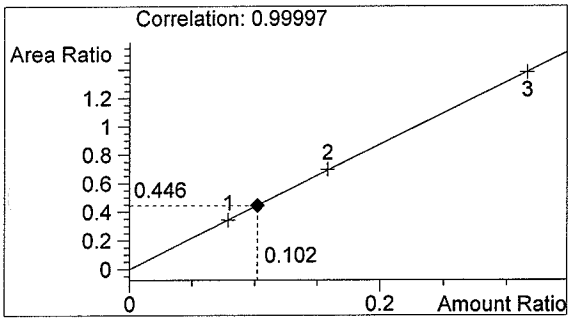
04041b
alouis

vial # 54

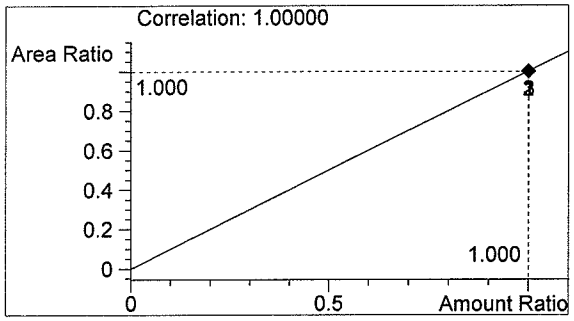


#	Compound	Area	RT
1	Ethanol	582	1.025
2	n-Propanol	1306	1.669

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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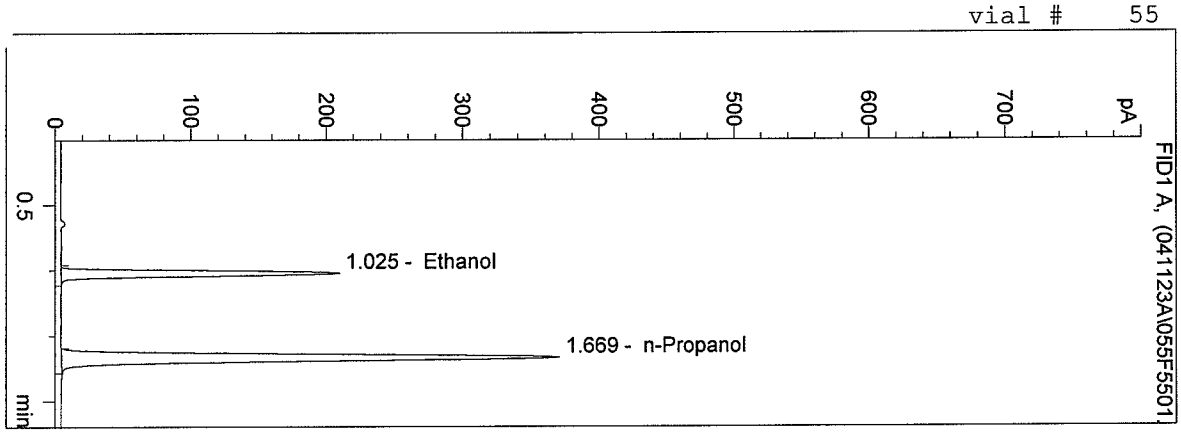
11/24/2004 10:39:36 AM
Instrument 4
DB-ALC1

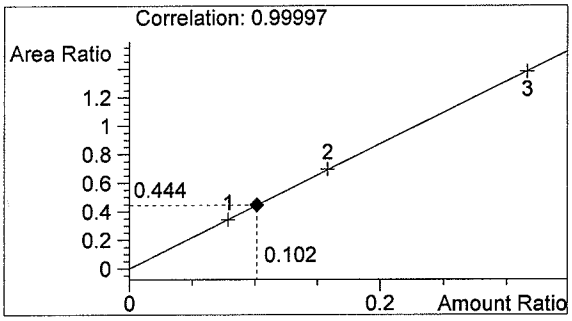
04041c
alouis

vial # 55

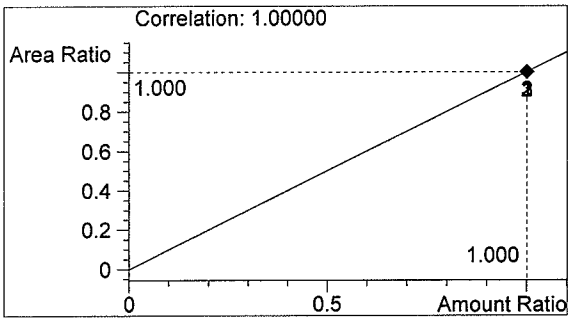


#	Compound	Area	RT
1	Ethanol	574	1.025
2	n-Propanol	1293	1.669

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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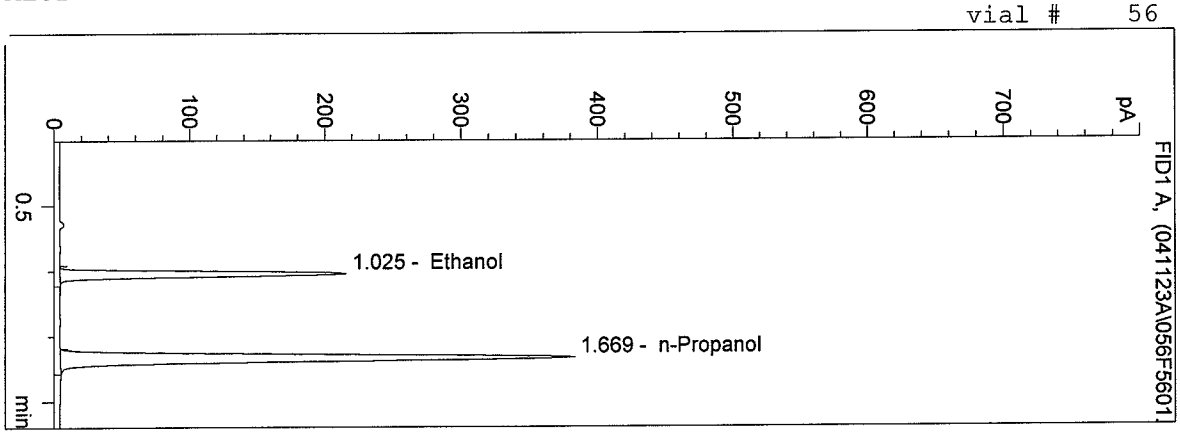
11/24/2004 10:42:52 AM
Instrument 4
DB-ALC1

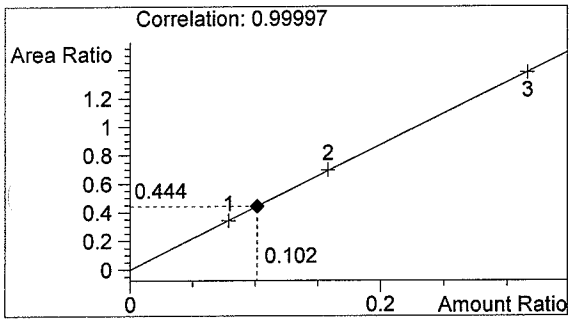
04041d
alouis

vial # 56

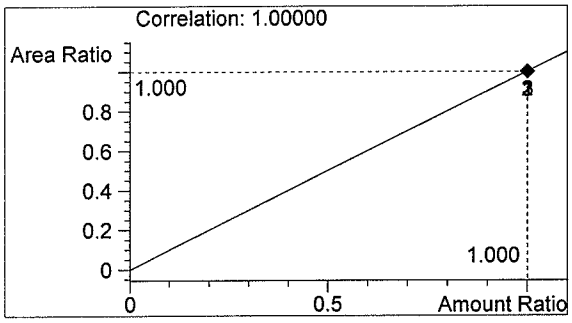


#	Compound	Area	RT
1	Ethanol	594	1.025
2	n-Propanol	1339	1.669

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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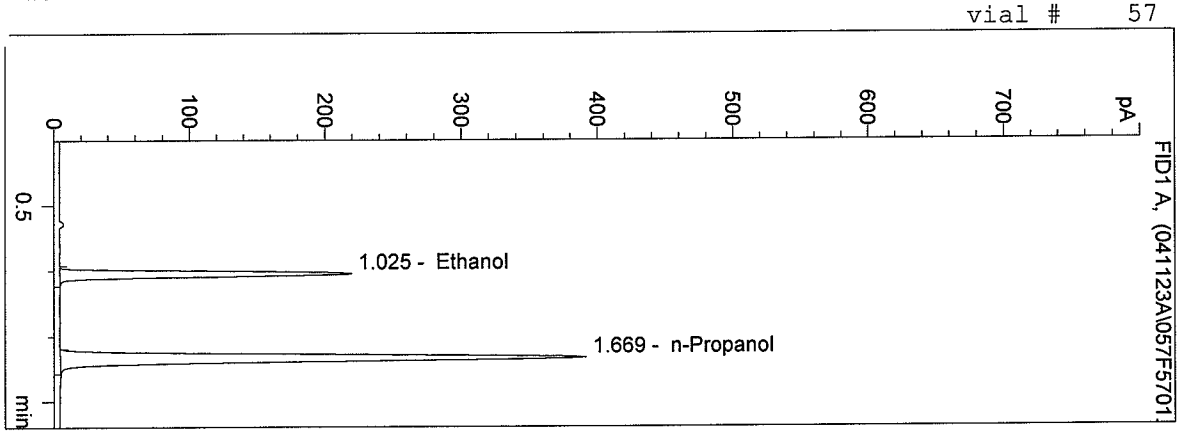
Instrument 4
DB-ALC1

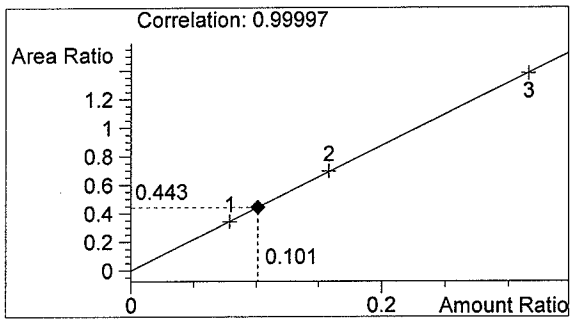
04041e
alouis

vial # 57

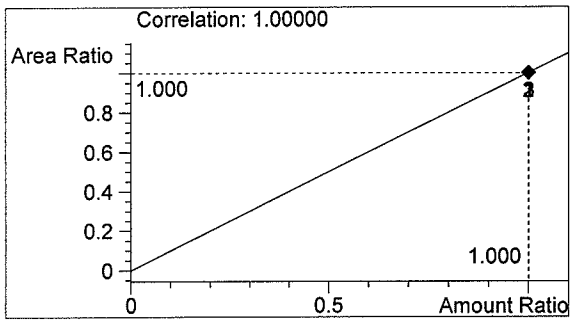


#	Compound	Area	RT
1	Ethanol	609	1.025
2	n-Propanol	1373	1.669

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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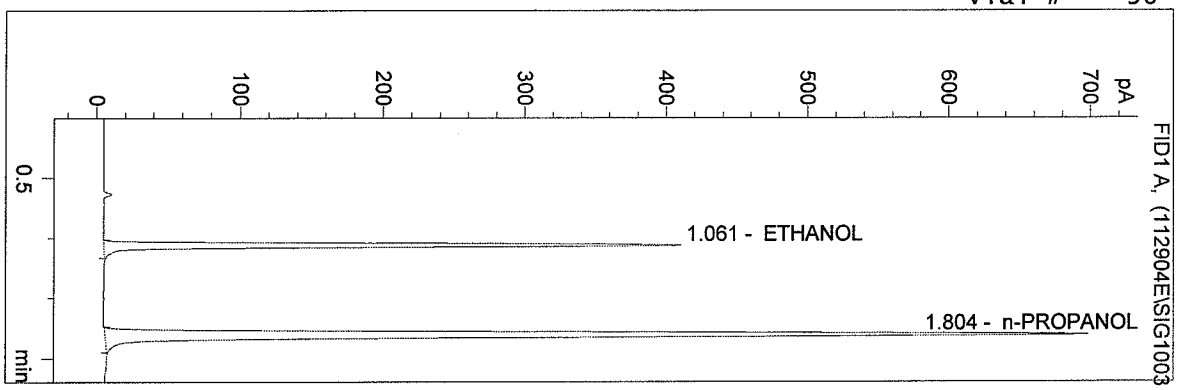
11/29/04 1:57:57 PM
Instrument 3
DB-ALC2

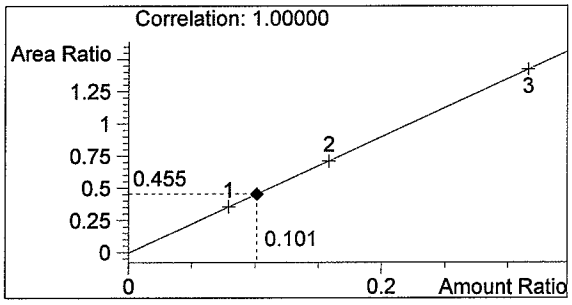
04041 AMG
SIMULATOR SOLUTION

vial # 30

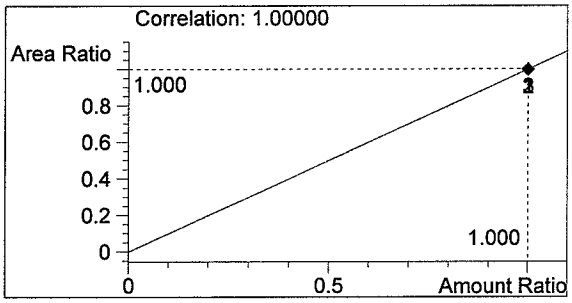


#	Compound	Area	RT
1	ETHANOL	903	1.061
2	n-PROPANOL	1983	1.804

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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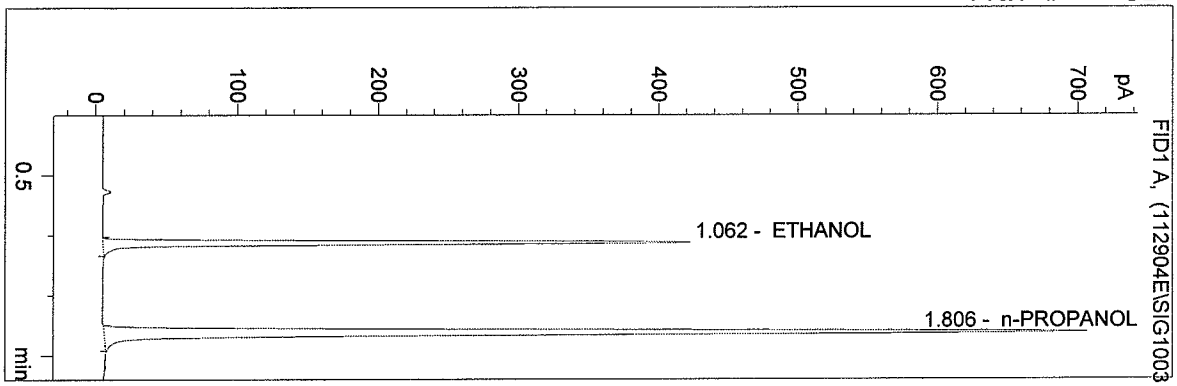
11/29/04 2:01:03 PM
Instrument 3
DB-ALC2

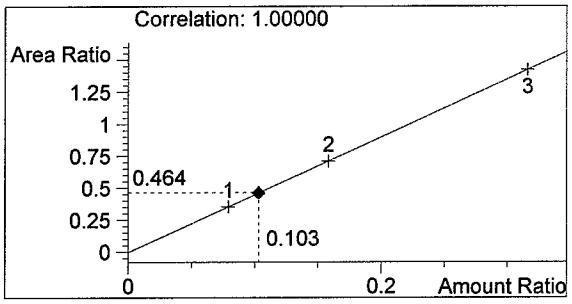
04041 AMG
SIMULATOR SOLUTION

vial # 31

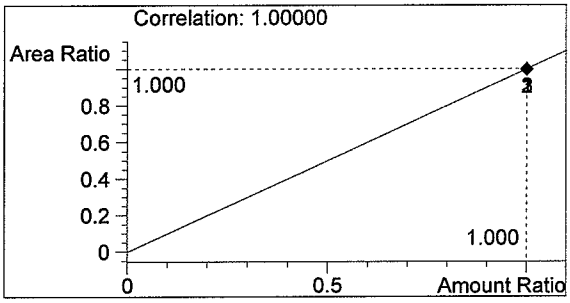


#	Compound	Area	RT
1	ETHANOL	933	1.062
2	n-PROPANOL	2011	1.806

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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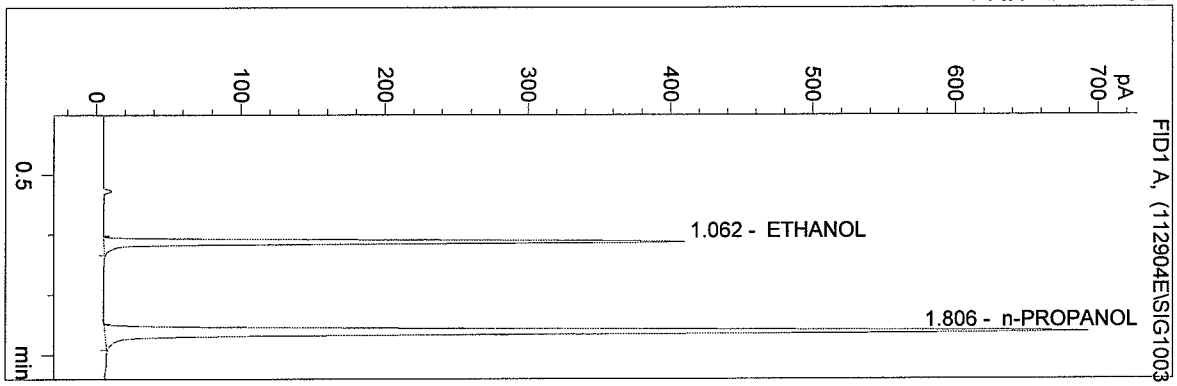
11/29/04 2:04:09 PM
Instrument 3
DB-ALC2

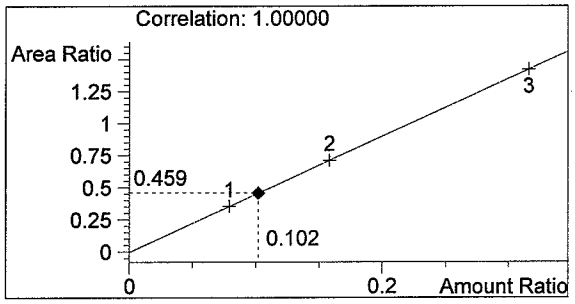
04041 AMG
SIMULATOR SOLUTION

vial # 32

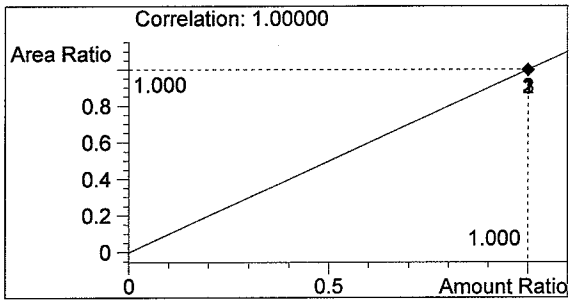


#	Compound	Area	RT
1	ETHANOL	904	1.062
2	n-PROPANOL	1968	1.806

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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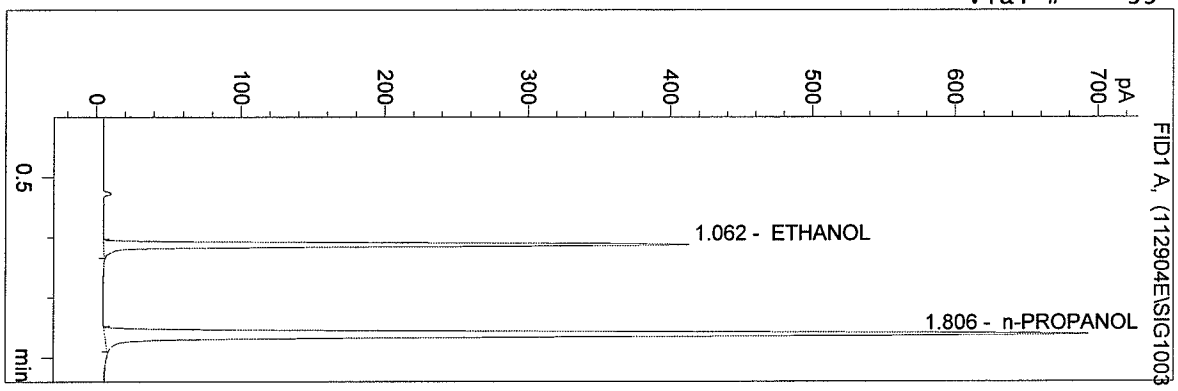
11/29/04 2:07:22 PM
Instrument 3
DB-ALC2

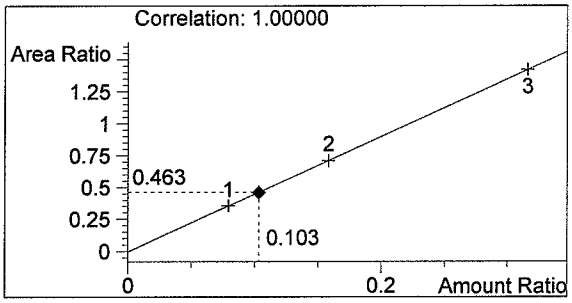
04041 AMG
SIMULATOR SOLUTION

vial # 33

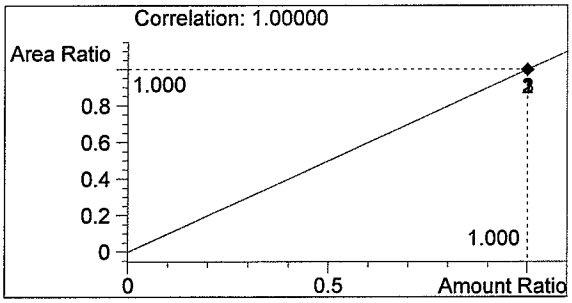


#	Compound	Area	RT
1	ETHANOL	910	1.062
2	n-PROPANOL	1966	1.806

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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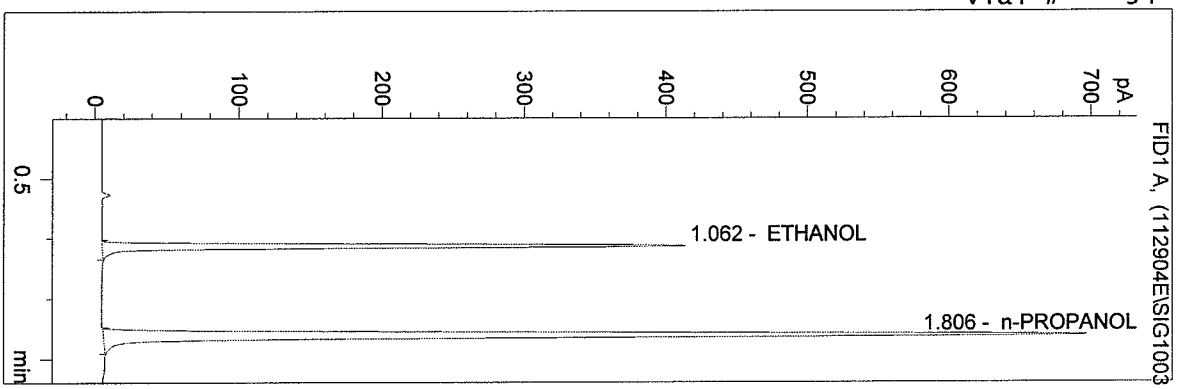
Instrument 3
DB-ALC2

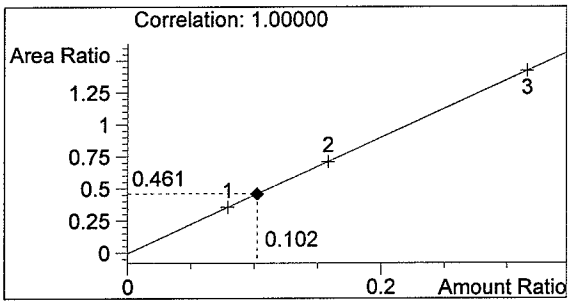
04041 AMG
SIMULATOR SOLUTION

vial # 34

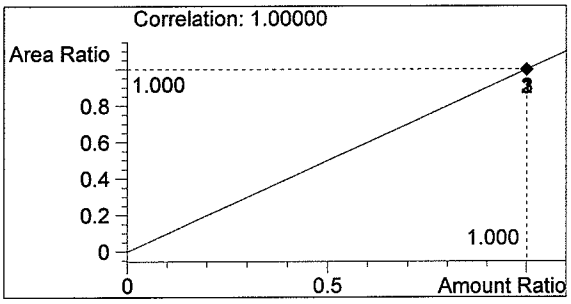


#	Compound	Area	RT
1	ETHANOL	913	1.062
2	n-PROPANOL	1983	1.806

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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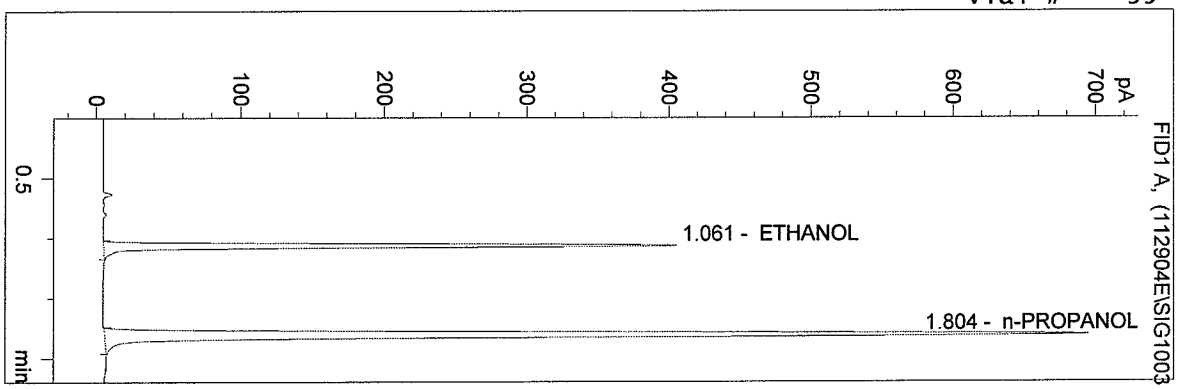
11/29/04 2:13:35 PM
Instrument 3
DB-ALC2

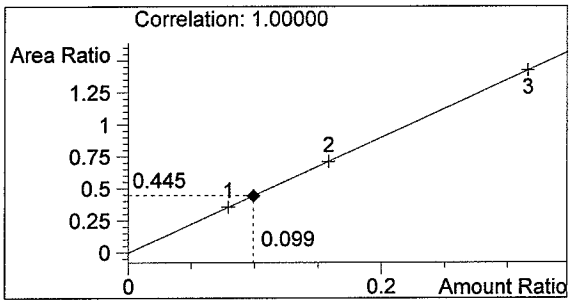
0.10 CON AMG
SIMULATOR SOLUTION

vial # 35

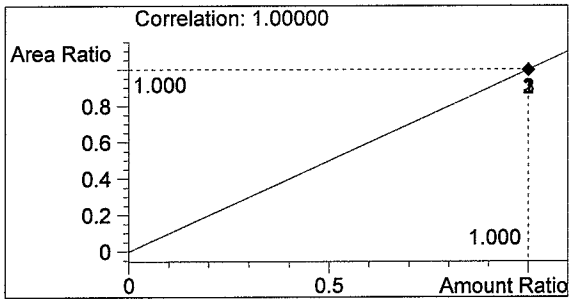


#	Compound	Area	RT
1	ETHANOL	880	1.061
2	n-PROPANOL	1976	1.804

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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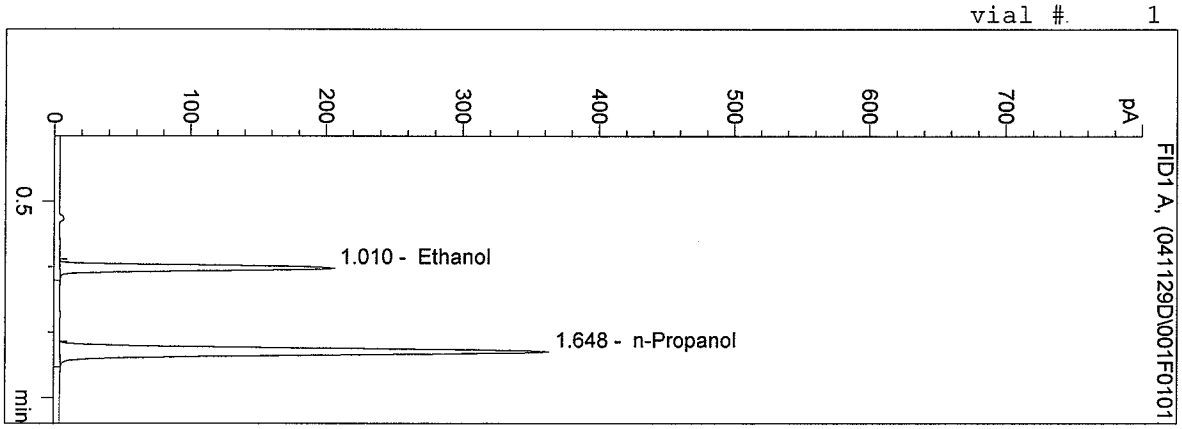
11/29/2004 2:52:00 PM
Instrument 4
DB-ALC1

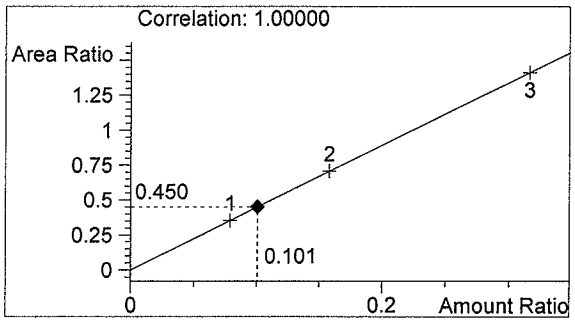
04041
Dora Schranz

vial # 1

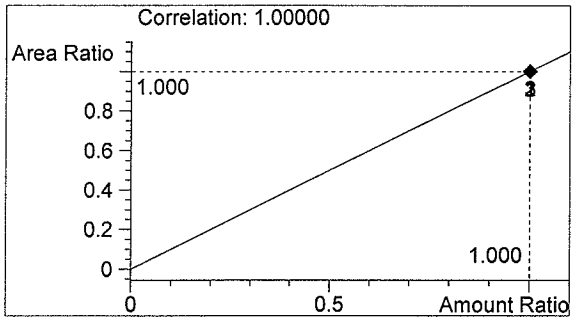


#	Compound	Area	RT
1	Ethanol	573	1.010
2	n-Propanol	1273	1.648

Totals:



Ethanol 0.101 g/100ml



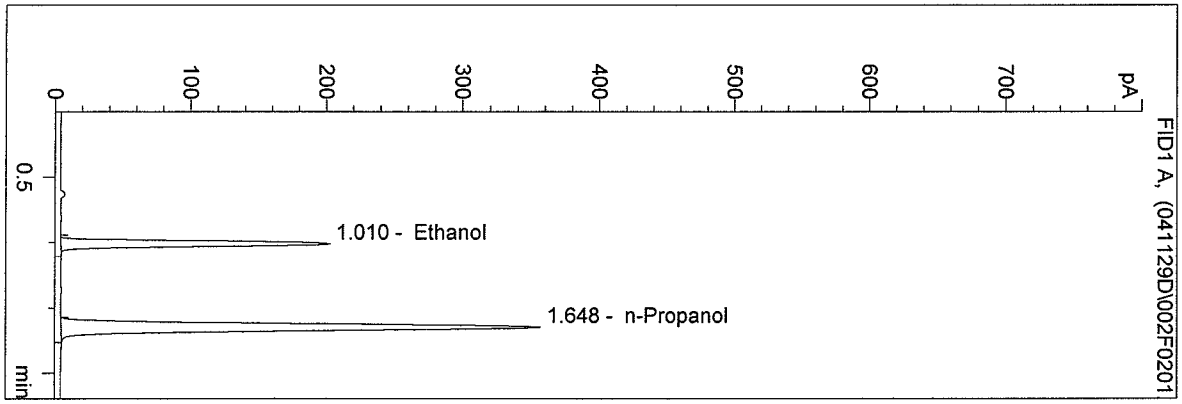
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
11/29/2004 2:55:14 PM
Instrument 4
DB-ALC1

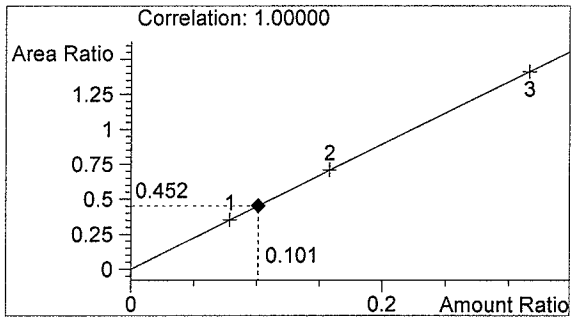
04041
Dora Schranz

vial # 2

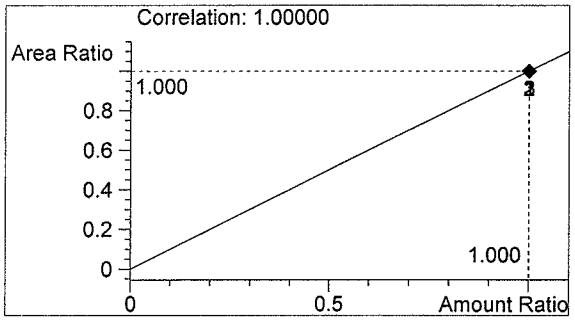


#	Compound	Area	RT
1	Ethanol	566	1.010
2	n-Propanol	1251	1.648

Totals:



Ethanol 0.101 g/100ml

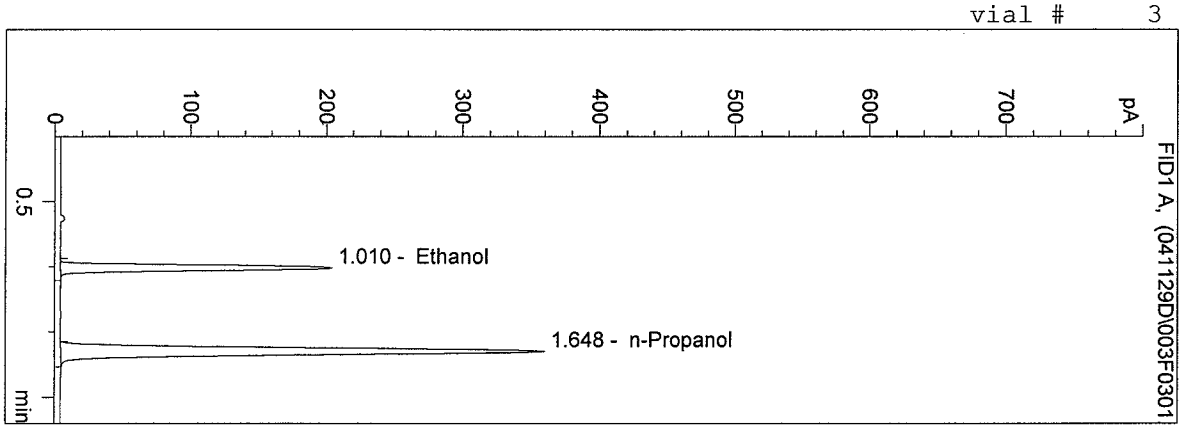


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

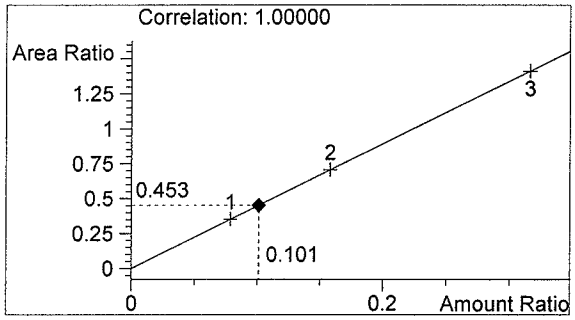
D:\HPCHEM\1\METHODS\BLDALCO.M
11/29/2004 2:58:27 PM 04041
Instrument 4 Dora Schranz
DB-ALC1

vial # 3

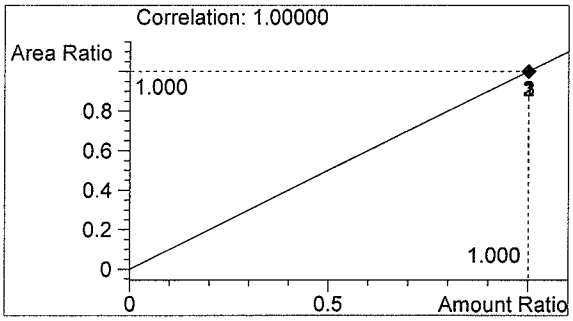


#	Compound	Area	RT
1	Ethanol	572	1.010
2	n-Propanol	1263	1.648

Totals:



Ethanol 0.101 g/100ml



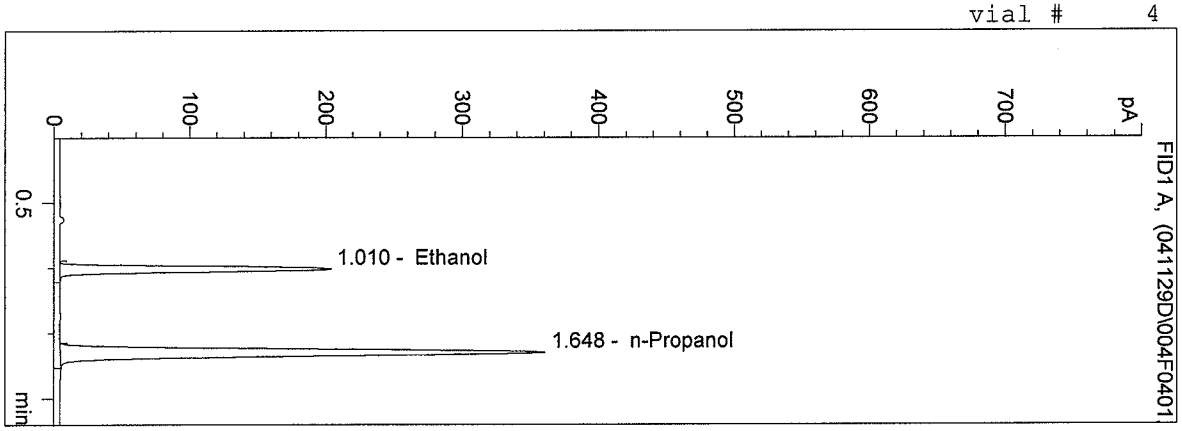
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
11/29/2004 3:01:39 PM
Instrument 4
DB-ALC1

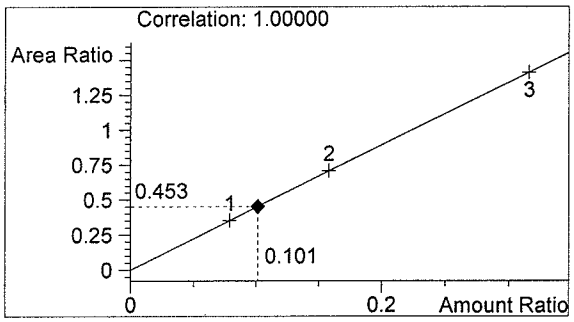
04041
Dora Schranz

vial # 4

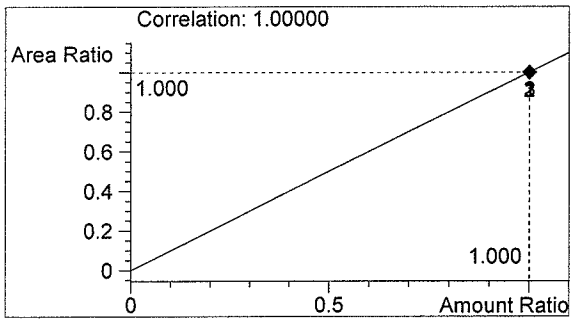


#	Compound	Area	RT
1	Ethanol	576	1.010
2	n-Propanol	1271	1.648

Totals:



Ethanol 0.101 g/100ml



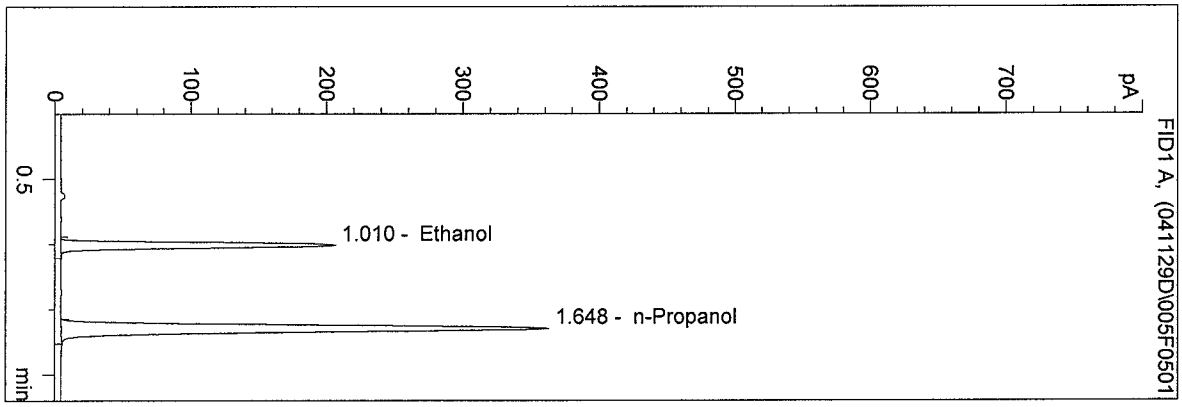
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
11/29/2004 3:04:48 PM
Instrument 4
DB-ALC1

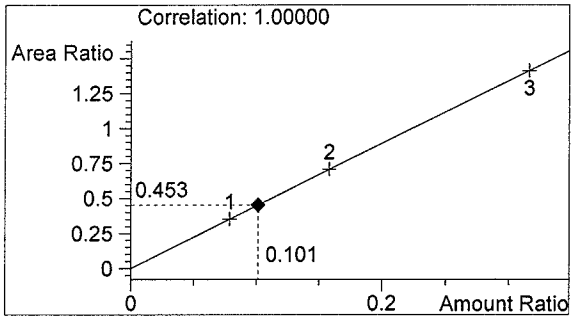
04041
Dora Schranz

vial # 5

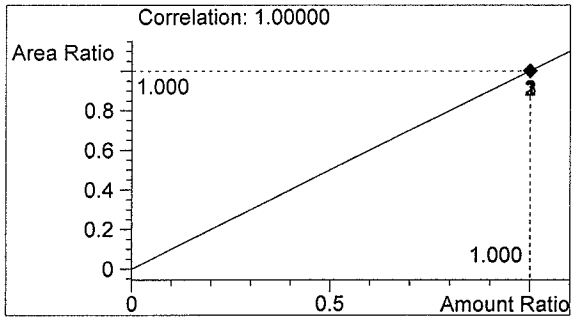


#	Compound	Area	RT
1	Ethanol	577	1.010
2	n-Propanol	1273	1.648

Totals:



Ethanol 0.101 g/100ml



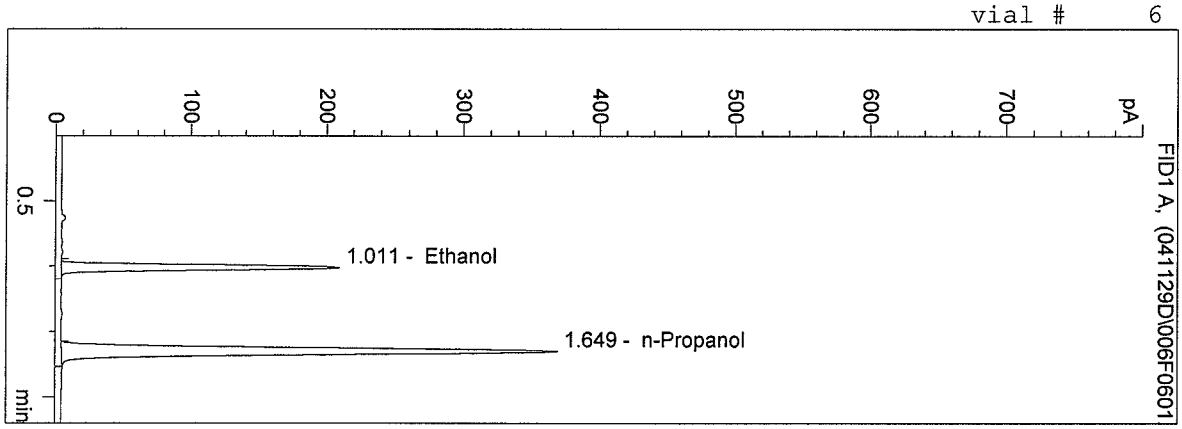
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
11/29/2004 3:07:55 PM
Instrument 4
DB-ALC1

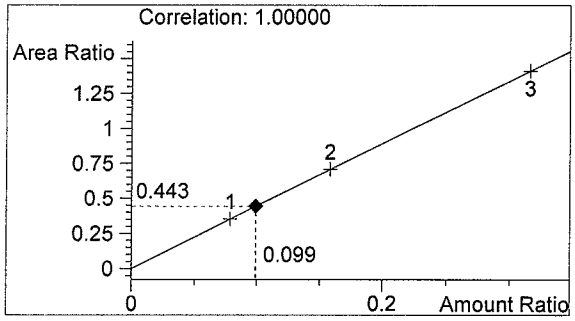
0.10 CTL-DS
Dora Schranz

vial # 6

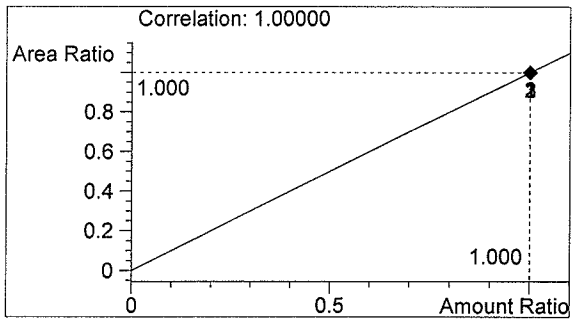


#	Compound	Area	RT
1	Ethanol	565	1.011
2	n-Propanol	1275	1.649

Totals:



Ethanol 0.099 g/100ml



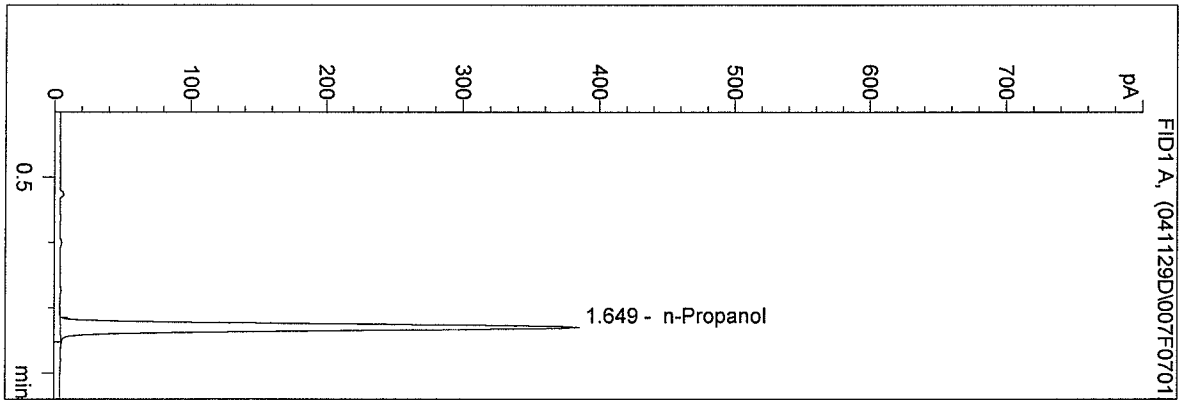
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
11/29/2004 3:13:35 PM
Instrument 4
DB-ALC1

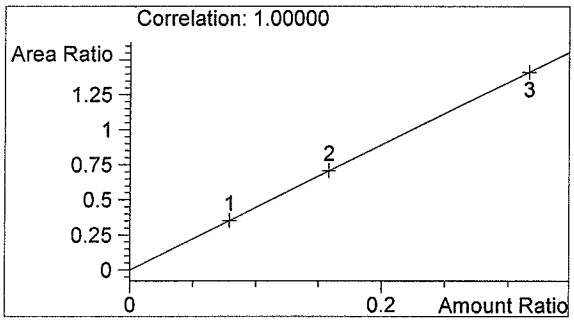
BLANK
Dora Schranz

vial # 7

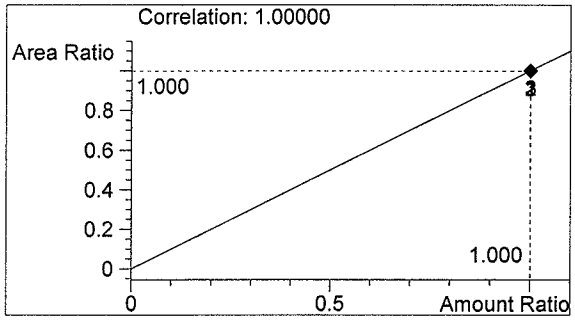


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1330	1.649

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	Dora Schranz
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	041129D
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	04041	BLDALCO	1	Sample		
2	Vial 2	04041	BLDALCO	1	Sample		
3	Vial 3	04041	BLDALCO	1	Sample		
4	Vial 4	04041	BLDALCO	1	Sample		
5	Vial 5	04041	BLDALCO	1	Sample		
6	Vial 6	0.10 CTL-DS	BLDALCO	1	Ctrl Samp		
7	Vial 7	BLANK	BLDALCO	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval

Sequence Table (Back Injector):

No entries - empty table!

Sequence Summary Parameters:

One page header:	No
Print Configuration:	No
Print Sequence:	No
Print Logbook:	No
Print Method(s):	No
Print Analysis reports:	No
Print Statistics for Calib. runs:	No
Print Statistics for Sample runs:	No
Summary style:	Sample Summary

Calibration Table

Calib. Data Modified : Monday, November 29, 2004 11:11:51 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : Floating Average New 75%
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [ng/ul]	Name
1	1.00000	n-Propanol

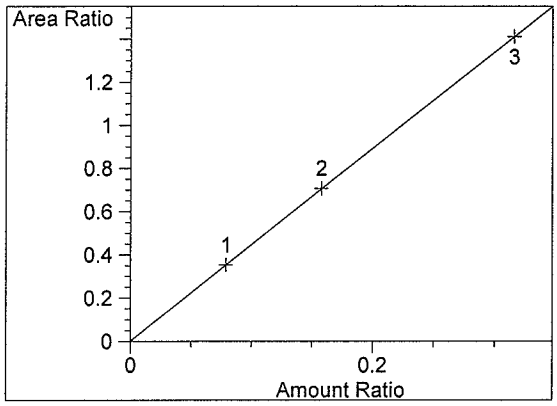
Signal 1: FID1 A,

RetTime [min]	Sig	Lvl		Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.010	1		1	7.90000e-2	434.79883	1.81693e-4		1	Ethanol
			2	1.58000e-1	853.87207	1.85039e-4			
			3	3.16000e-1	1737.50940	1.81870e-4			
1.648	1		1	1.00000	1232.39673	8.11427e-4		I1	n-Propanol
			2	1.00000	1207.89990	8.27883e-4			
			3	1.00000	1231.68494	8.11896e-4			

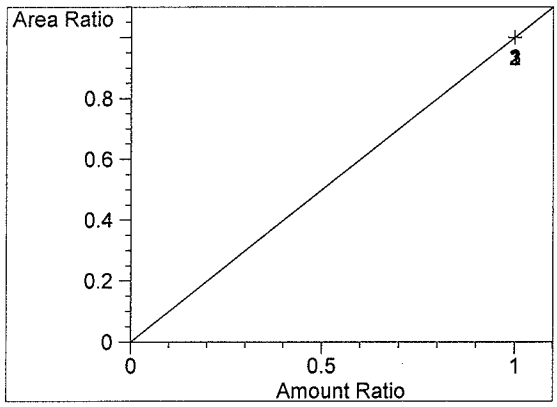
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.010
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00093
Formula: y = mx + b
m: 4.46458
b: 3.68904e-4
x: Amount Ratio
y: Area Ratio



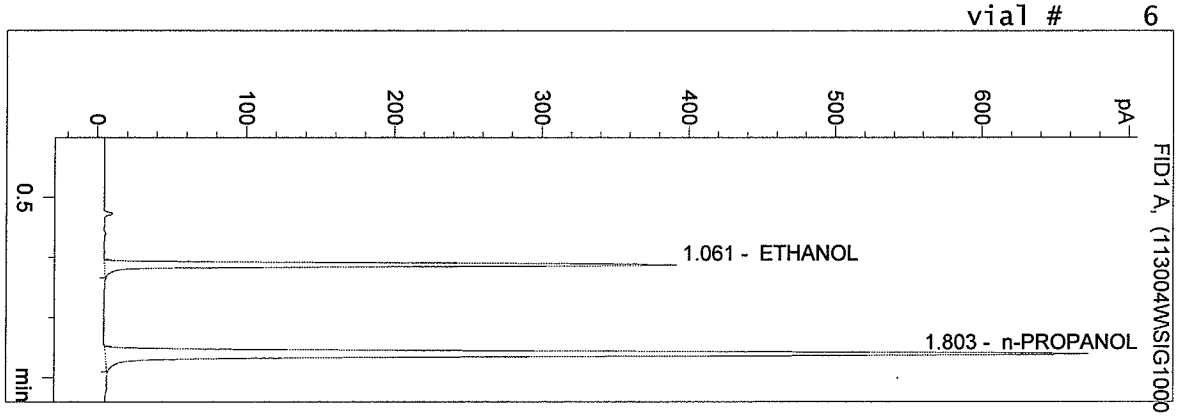
n-Propanol at exp. RT: 1.648
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 8:02:50 AM
Instrument 3
DB-ALC2

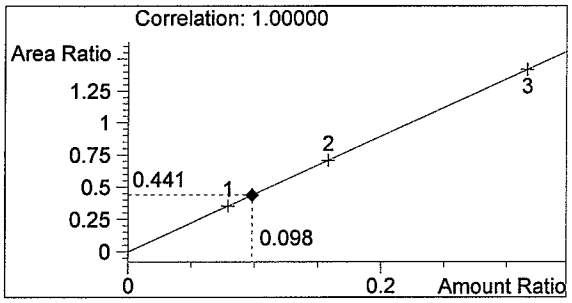
0.10 CONTROL
WP MARSHALL

vial # 6

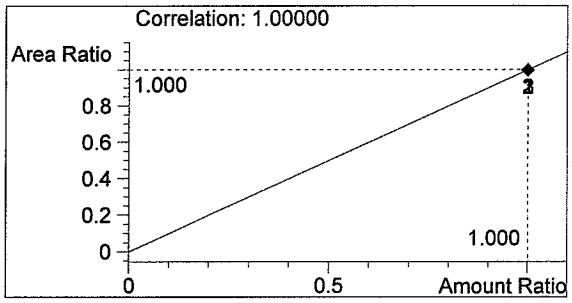


#	Compound	Area	RT
1	ETHANOL	840	1.061
2	n-PROPANOL	1905	1.803

Totals:



ETHANOL 0.098 g/100mL



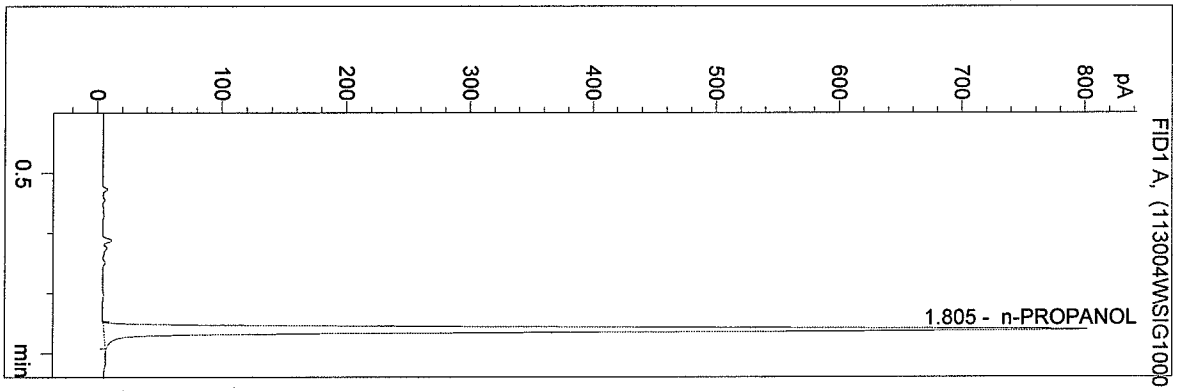
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 8:05:56 AM
Instrument 3
DB-ALC2

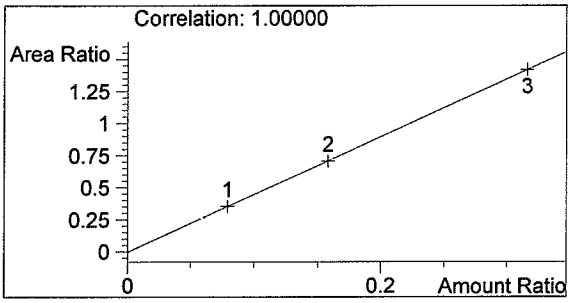
BLANK
WP MARSHALL

vial # 7

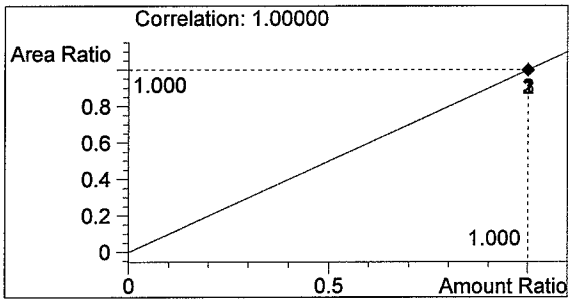


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2266	1.805

Totals:



ETHANOL 0.000 g/100mL



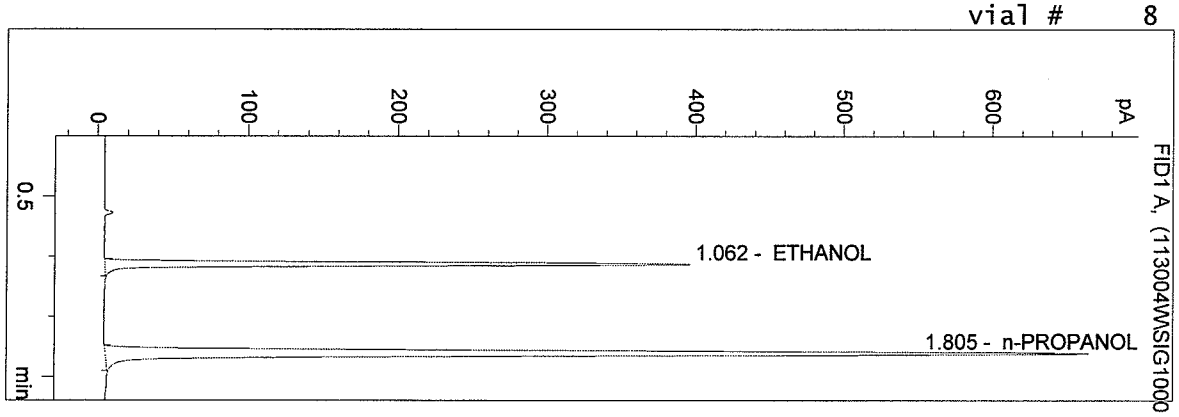
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 8:09:03 AM
Instrument 3
DB-ALC2

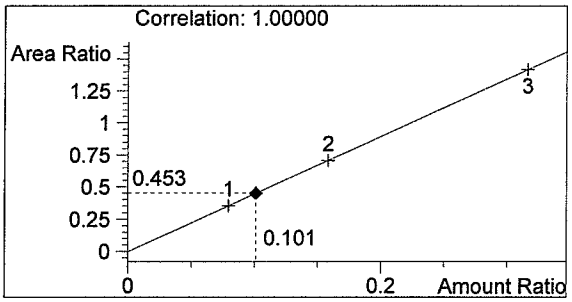
SIM 04041
WP MARSHALL

vial # 8

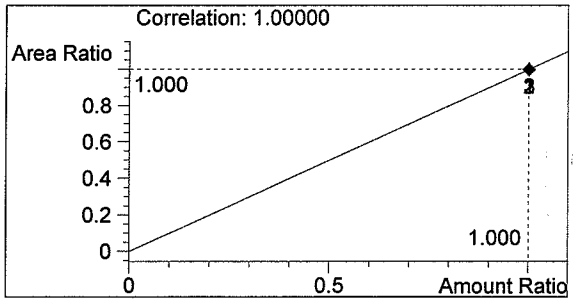


#	Compound	Area	RT
1	ETHANOL	853	1.062
2	n-PROPANOL	1882	1.805

Totals:



ETHANOL 0.101 g/100mL



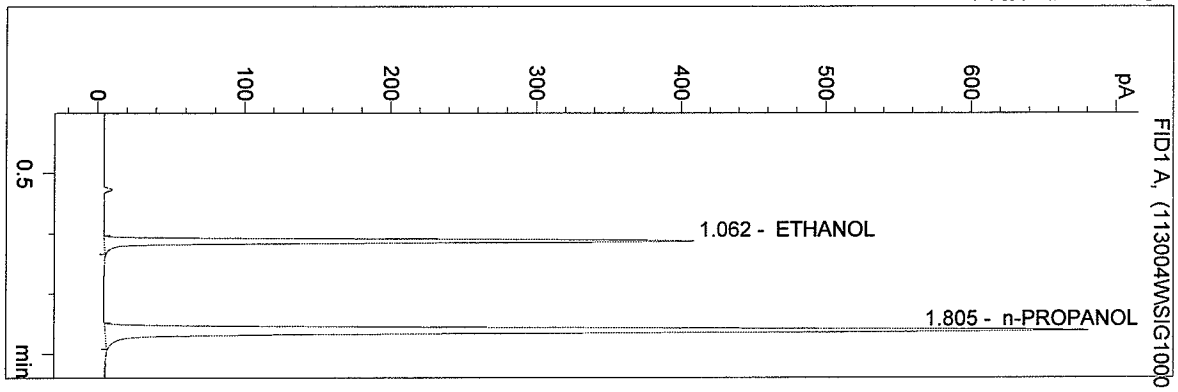
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 8:12:23 AM
Instrument 3
DB-ALC2

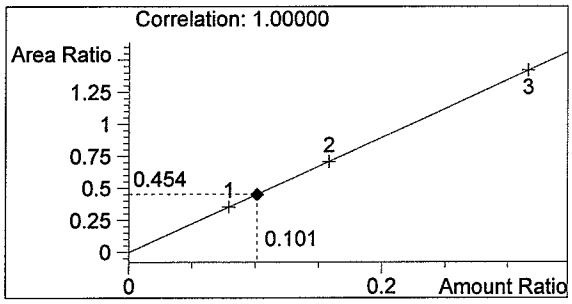
SIM 04041
WP MARSHALL

vial # 9

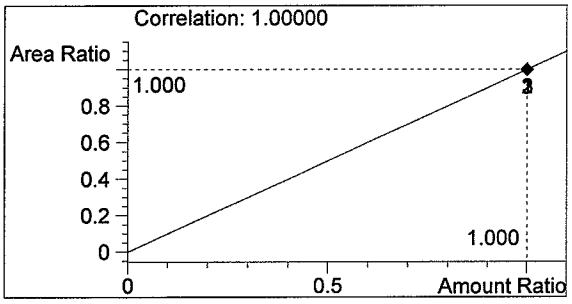


#	Compound	Area	RT
1	ETHANOL	881	1.062
2	n-PROPANOL	1939	1.805

Totals:



ETHANOL 0.101 g/100mL



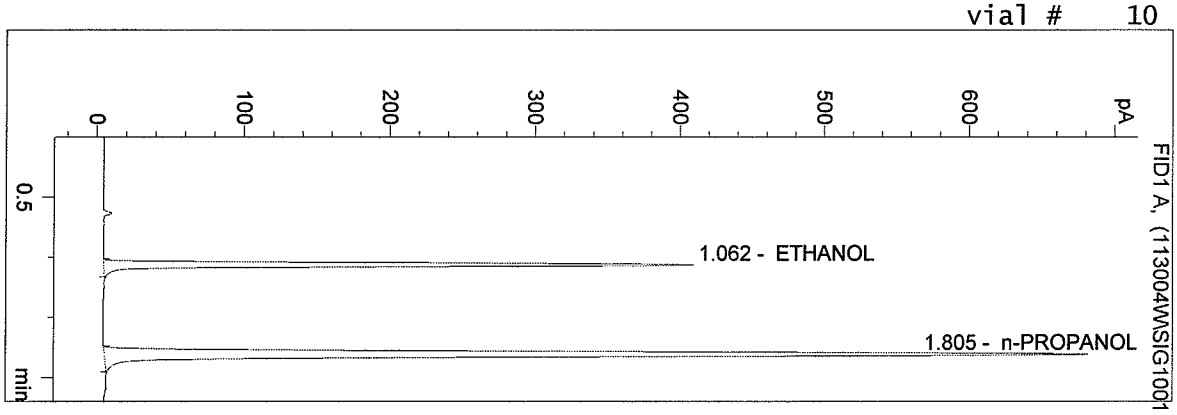
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 8:15:30 AM
Instrument 3
DB-ALC2

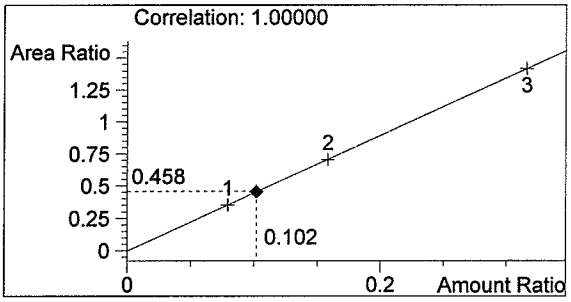
SIM 04041
WP MARSHALL

vial # 10

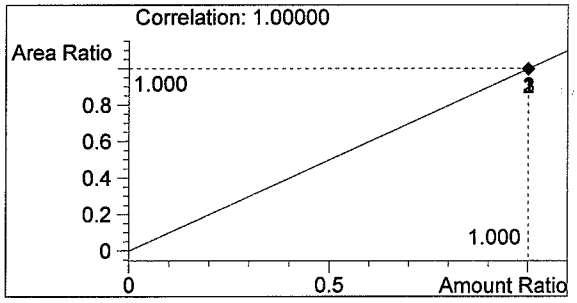


#	Compound	Area	RT
1	ETHANOL	885	1.062
2	n-PROPANOL	1933	1.805

Totals:



ETHANOL 0.102 g/100mL



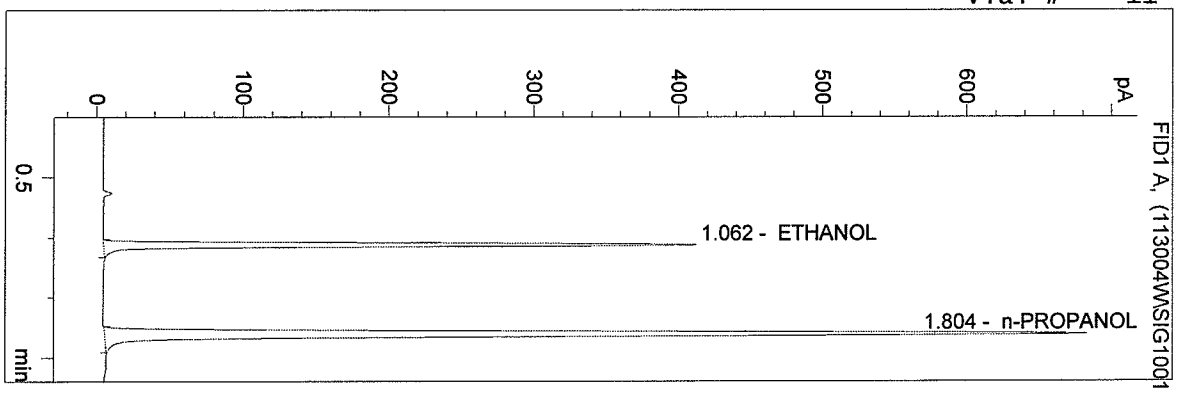
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 8:18:36 AM
Instrument 3
DB-ALC2

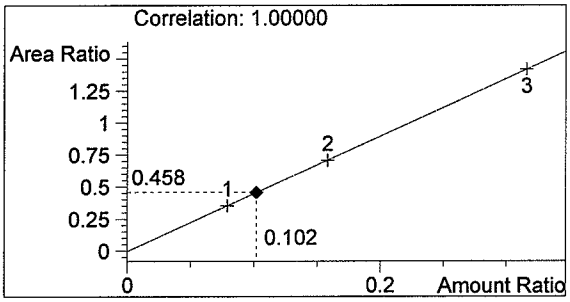
SIM 04041
WP MARSHALL

vial # 11

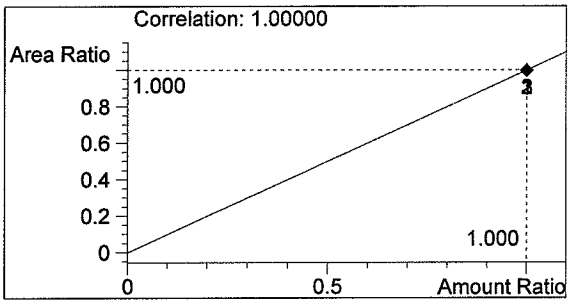


#	Compound	Area	RT
1	ETHANOL	886	1.062
2	n-PROPANOL	1936	1.804

Totals:



ETHANOL 0.102 g/100mL



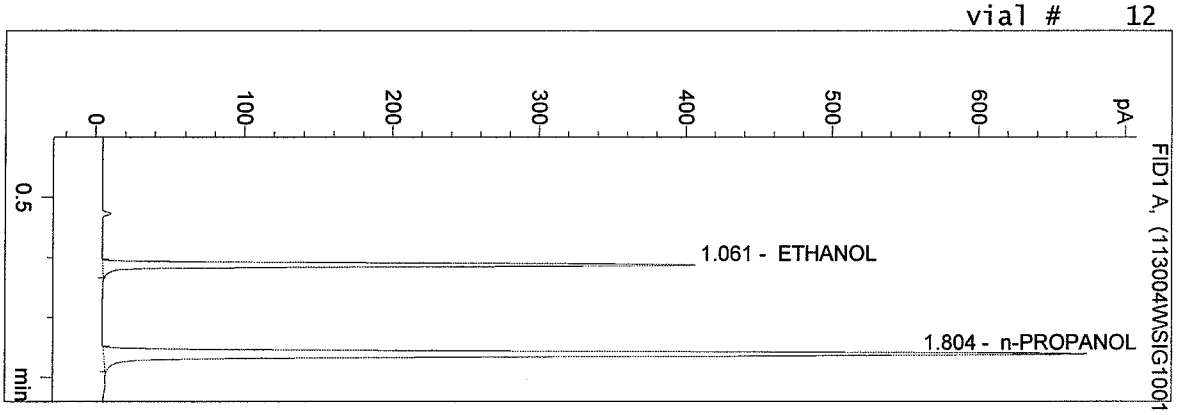
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 8:21:43 AM
Instrument 3
DB-ALC2

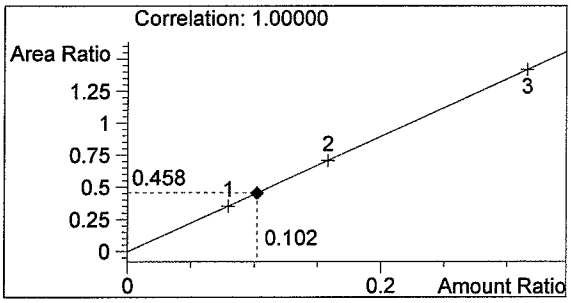
SIM 04041
WP MARSHALL

vial # 12

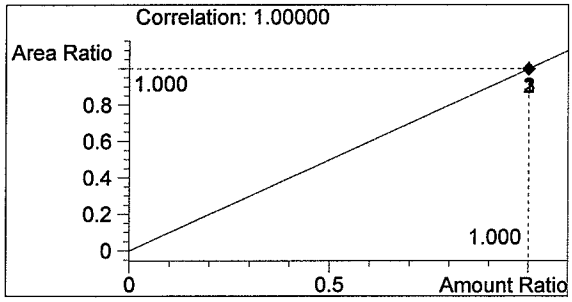


#	Compound	Area	RT
1	ETHANOL	875	1.061
2	n-PROPANOL	1912	1.804

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

Sequence Parameters:

Operator:	WP MARSHALL
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	113004W
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	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	BLANK	BLDALCO3	1	Sample		
6	6	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
7	7	BLANK	BLDALCO3	1	Sample		
8	8	SIM 04041	BLDALCO3	1	Sample		
9	9	SIM 04041	BLDALCO3	1	Sample		
10	10	SIM 04041	BLDALCO3	1	Sample		
11	11	SIM 04041	BLDALCO3	1	Sample		
12	12	SIM 04041	BLDALCO3	1	Sample		
13	13	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
14	14	BLANK	BLDALCO3	1	Sample		
15	15	SIM 04042	BLDALCO3	1	Sample		
16	16	SIM 04042	BLDALCO3	1	Sample		
17	17	SIM 04042	BLDALCO3	1	Sample		
18	18	SIM 04042	BLDALCO3	1	Sample		
19	19	SIM 04042	BLDALCO3	1	Sample		

Sequence Table (Back Injector):

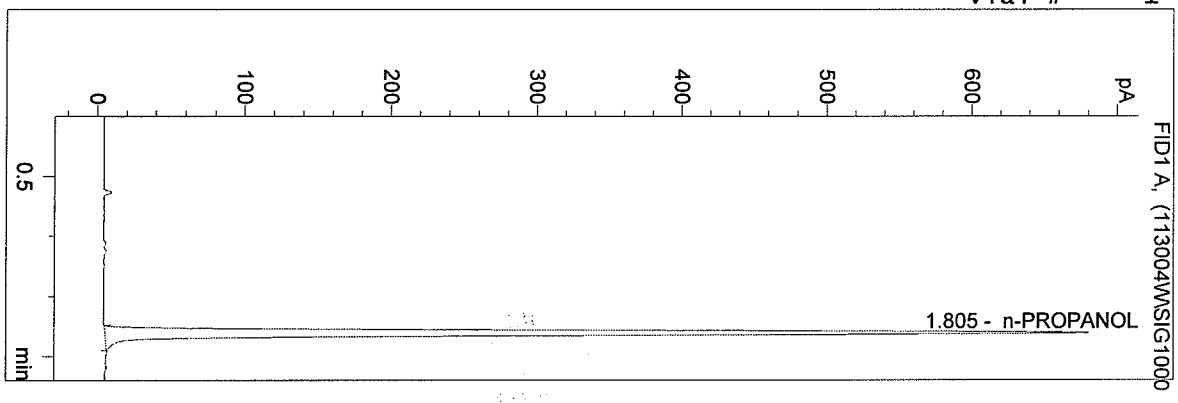
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 7:46:56 AM
Instrument 3
DB-ALC2

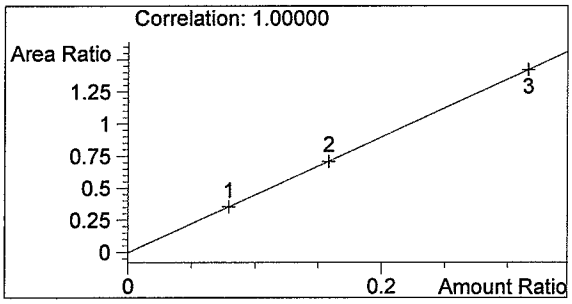
BLANK
WP MARSHALL

vial # 1

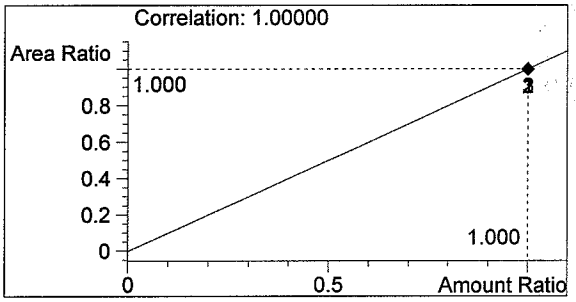


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1938	1.805

Totals:



ETHANOL 0.000 g/100mL



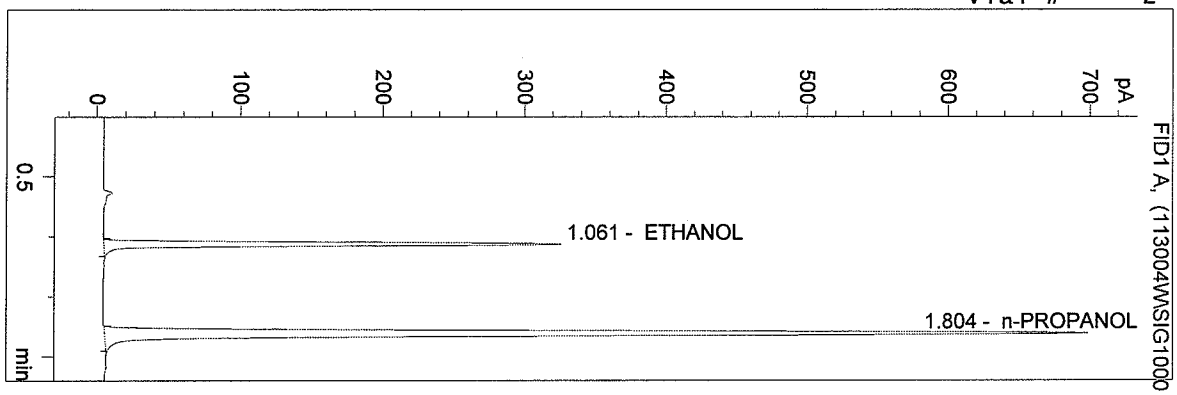
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/30/04 7:50:02 AM
Instrument 3
DB-ALC2

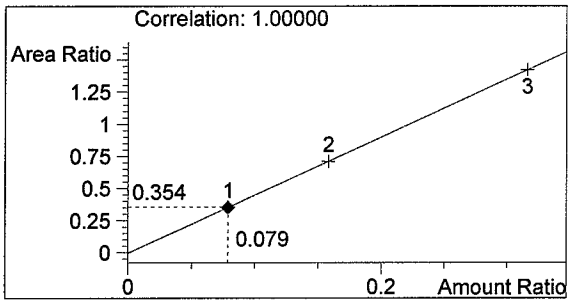
0.079 CAL
WP MARSHALL

vial # 2

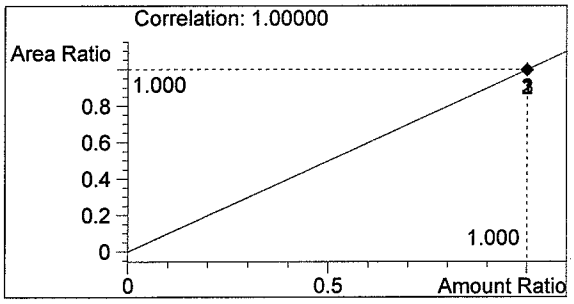


#	Compound	Area	RT
1	ETHANOL	703	1.061
2	n-PROPANOL	1984	1.804

Totals:



ETHANOL 0.079 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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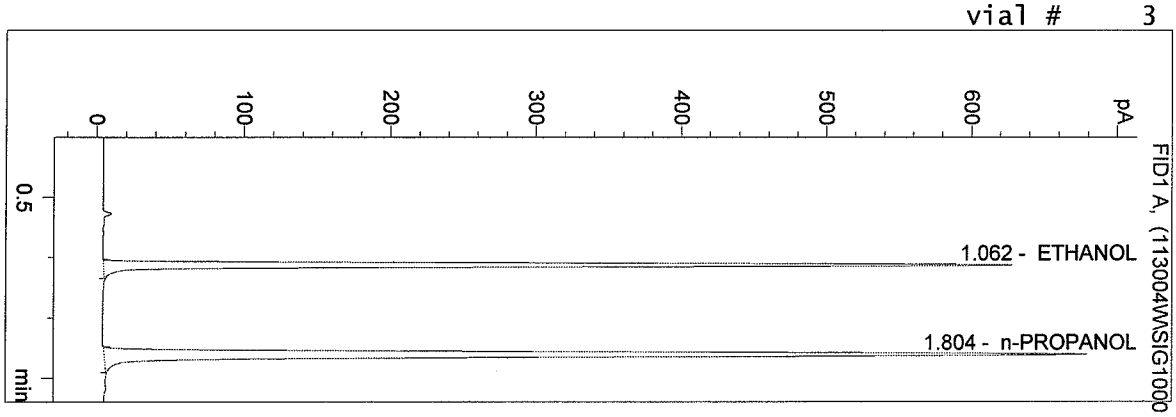
11/30/04 7:53:09 AM
Instrument 3
DB-ALC2

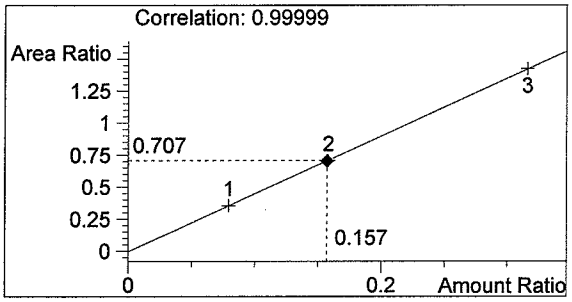
0.158 CAL
WP MARSHALL

vial # 3

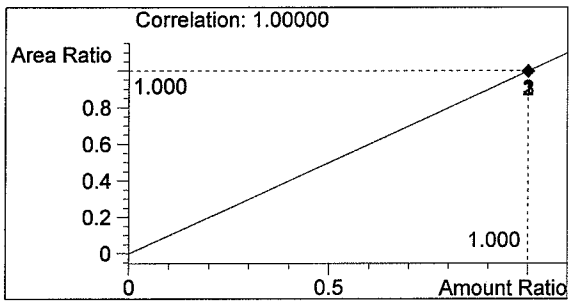


#	Compound	Area	RT
1	ETHANOL	1367	1.062
2	n-PROPANOL	1933	1.804

Totals:



ETHANOL 0.157 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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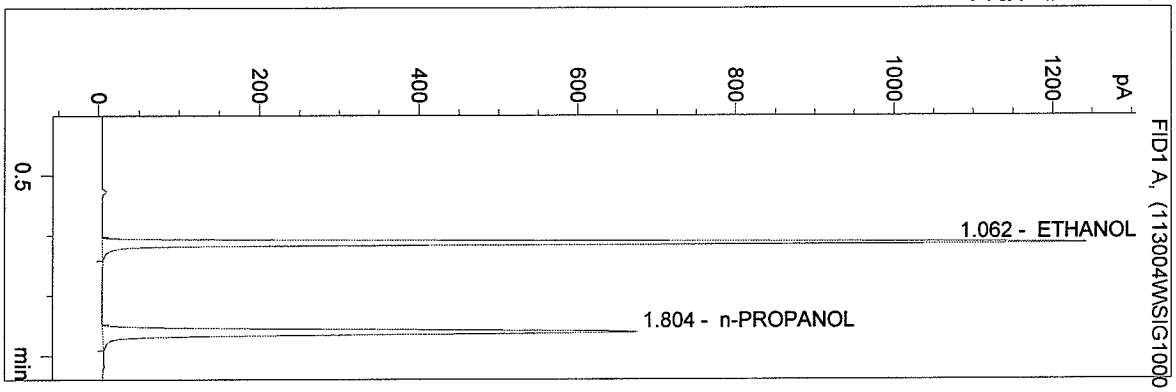
11/30/04 7:56:15 AM
Instrument 3
DB-ALC2

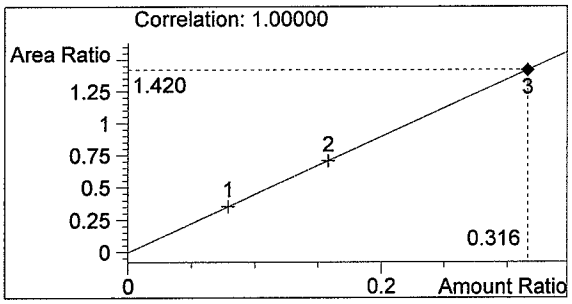
0.316 CAL
WP MARSHALL

vial # 4

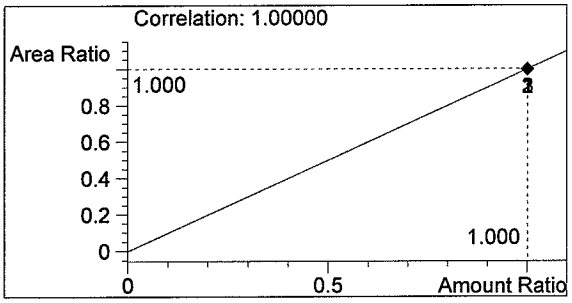


#	Compound	Area	RT
1	ETHANOL	2728	1.062
2	n-PROPANOL	1921	1.804

Totals:



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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11/30/04 7:59:43 AM
Instrument 3
DB-ALC2

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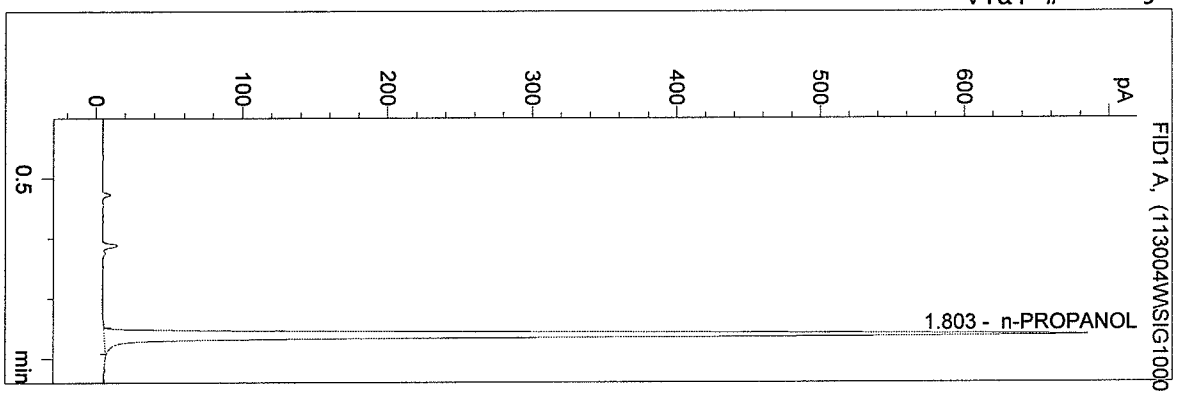
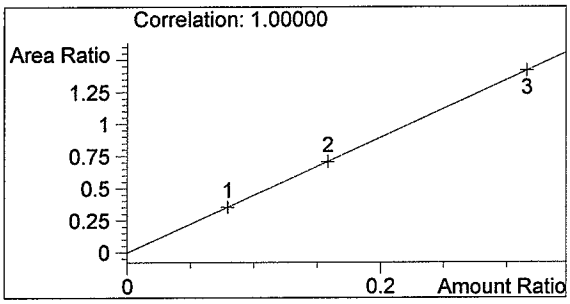
WP MARSHALL

vial # 5

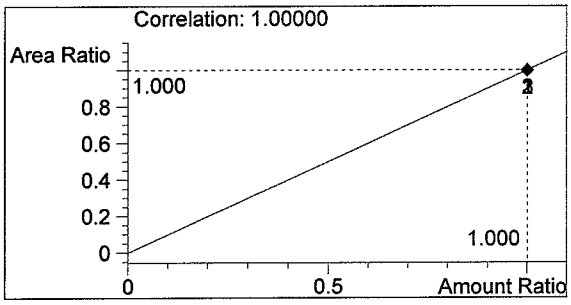


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1948	1.803

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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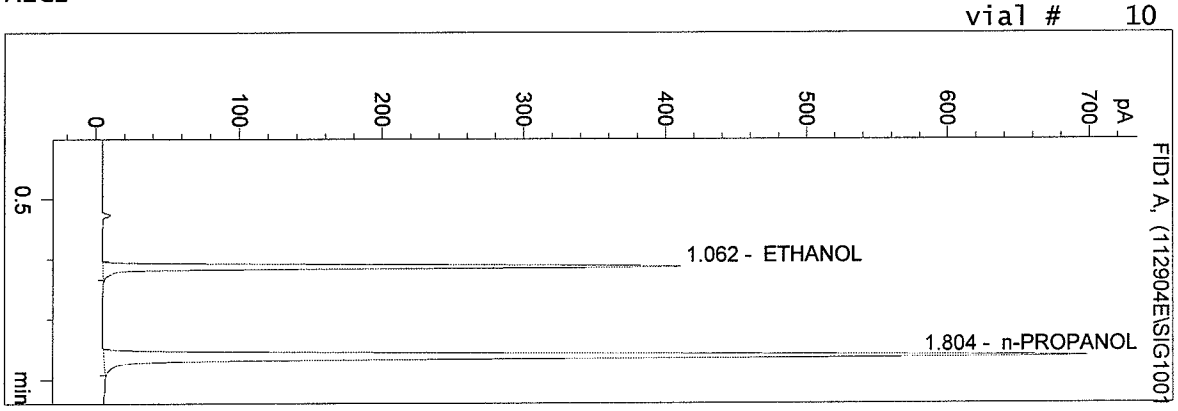
11/29/04 12:55:01 PM
Instrument 3
DB-ALC2

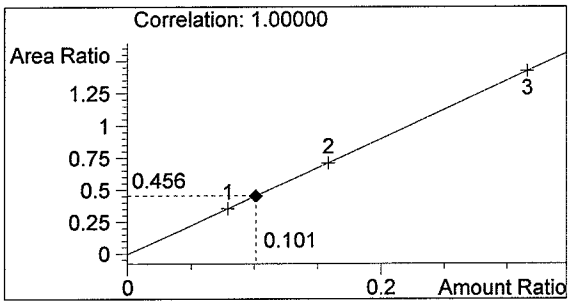
04041 EF
SIMULATOR SOLUTION

vial # 10

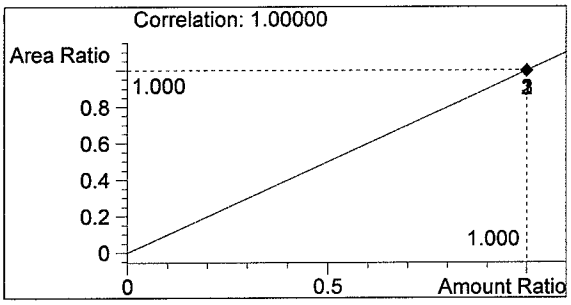


#	Compound	Area	RT
1	ETHANOL	906	1.062
2	n-PROPANOL	1989	1.804

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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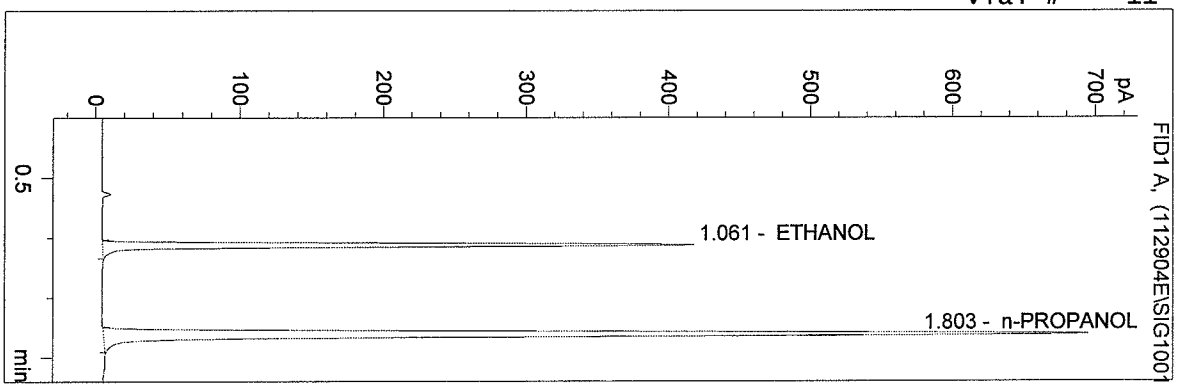
11/29/04 12:58:07 PM
Instrument 3
DB-ALC2

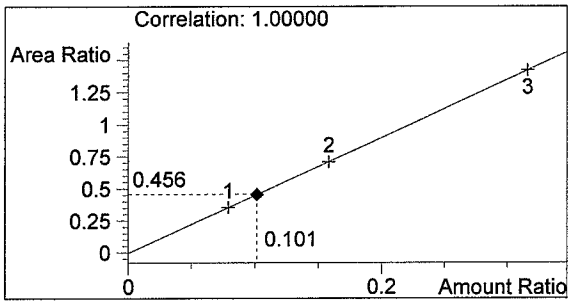
04041 EF
SIMULATOR SOLUTION

vial # 11

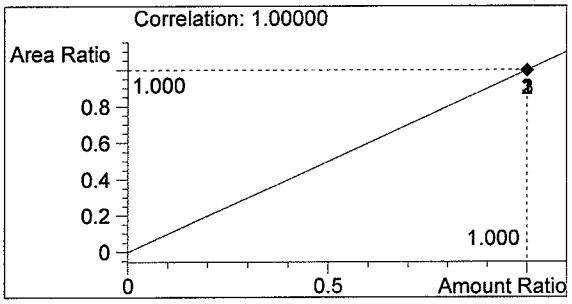


#	Compound	Area	RT
1	ETHANOL	897	1.061
2	n-PROPANOL	1967	1.803

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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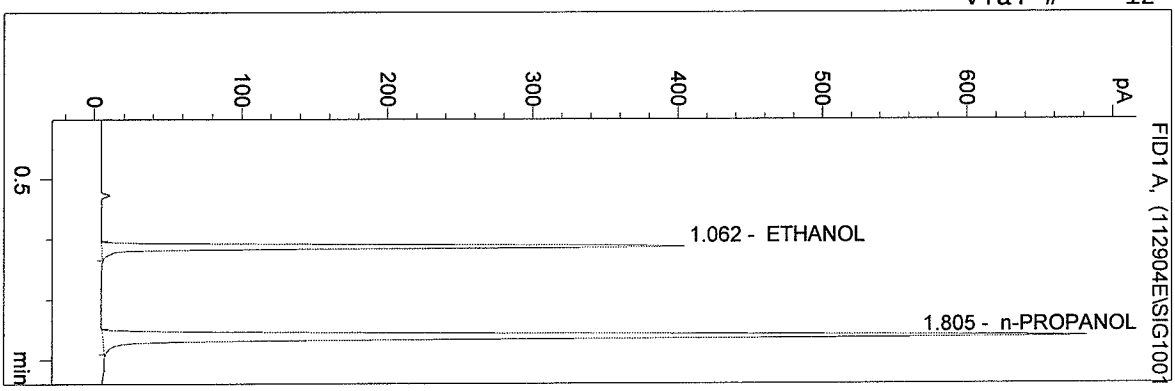
11/29/04 1:01:14 PM
Instrument 3
DB-ALC2

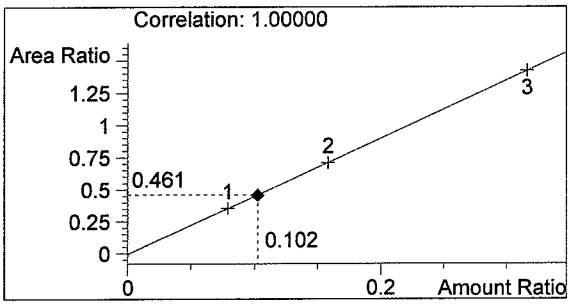
04041 EF
SIMULATOR SOLUTION

vial # 12

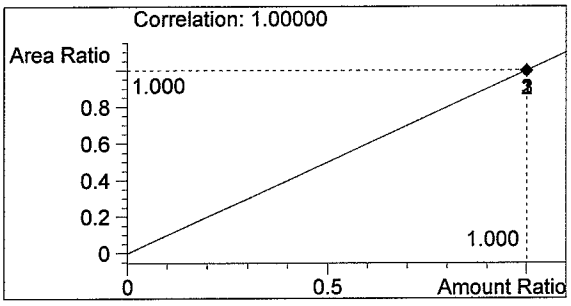


#	Compound	Area	RT
1	ETHANOL	893	1.062
2	n-PROPANOL	1938	1.805

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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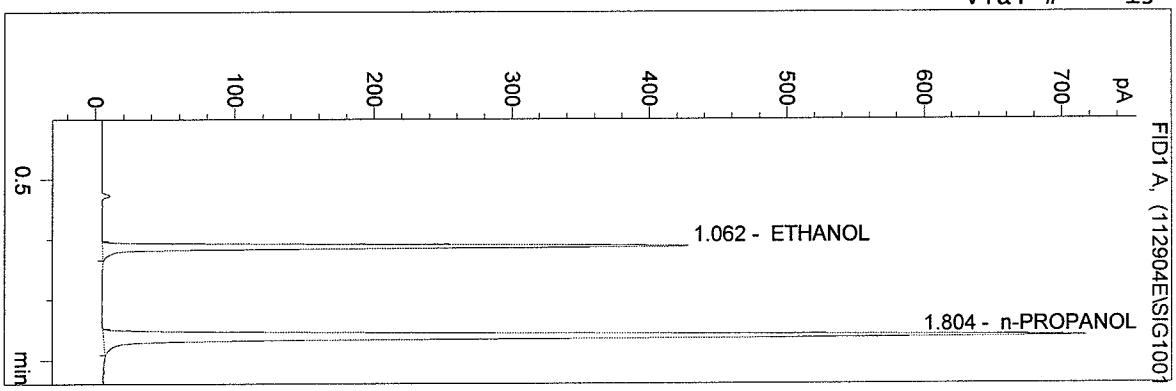
11/29/04 1:04:38 PM
Instrument 3
DB-ALC2

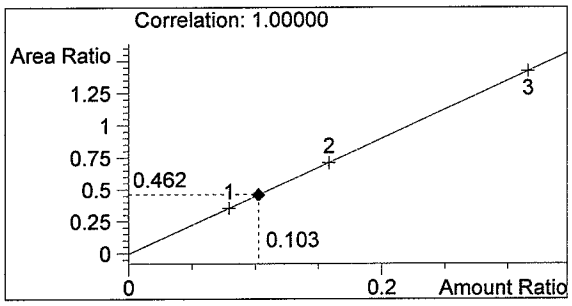
04041 EF
SIMULATOR SOLUTION

vial # 13

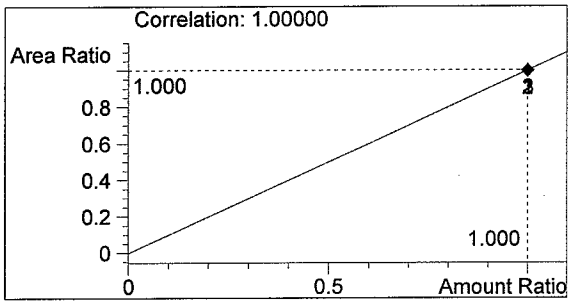


#	Compound	Area	RT
1	ETHANOL	942	1.062
2	n-PROPANOL	2041	1.804

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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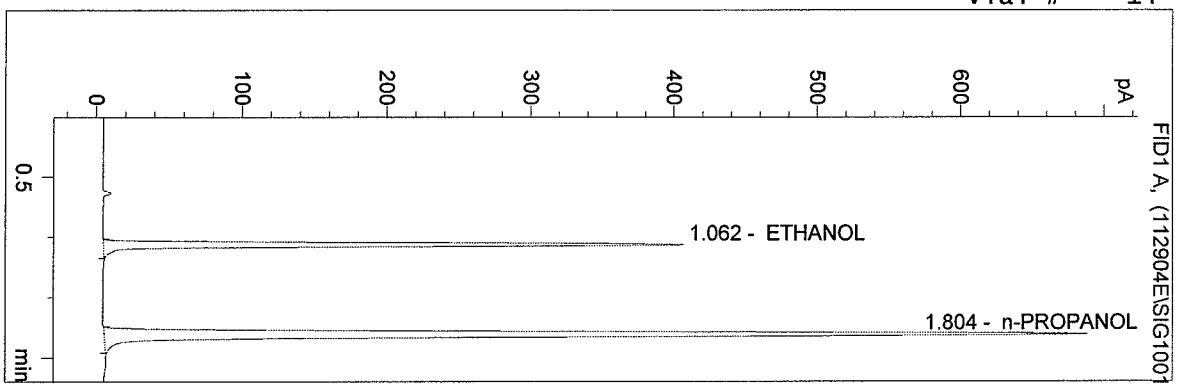
11/29/04 1:07:45 PM
Instrument 3
DB-ALC2

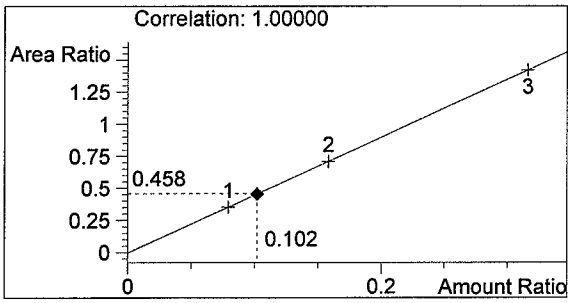
04041 EF
SIMULATOR SOLUTION

vial # 14

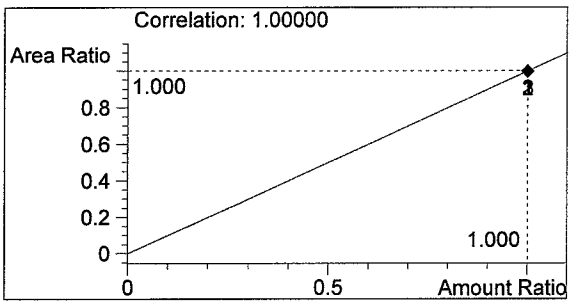


#	Compound	Area	RT
1	ETHANOL	896	1.062
2	n-PROPANOL	1956	1.804

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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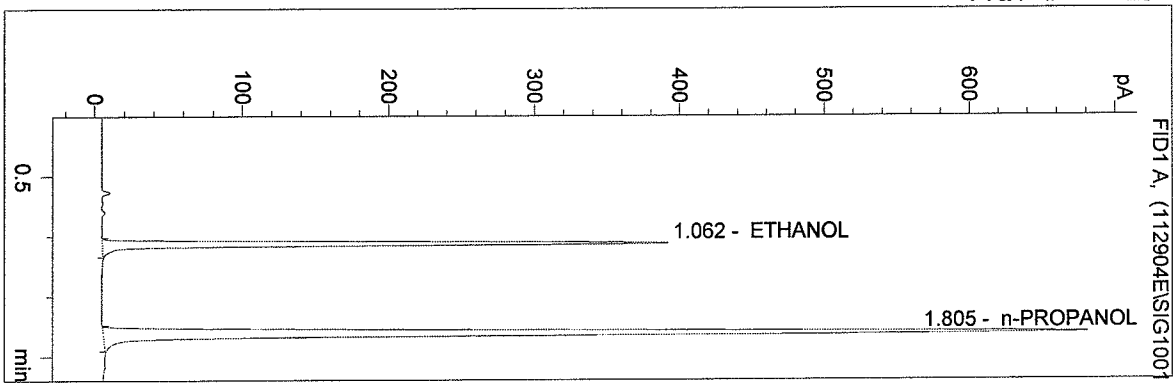
11/29/04 1:10:51 PM
Instrument 3
DB-ALC2

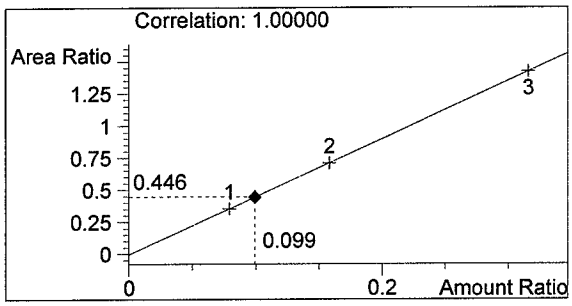
0.10 CONT EF
SIMULATOR SOLUTION

vial # 15

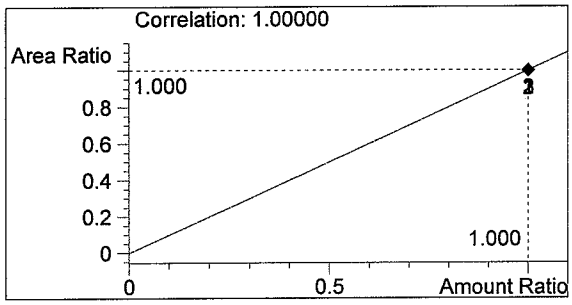


#	Compound	Area	RT
1	ETHANOL	862	1.062
2	n-PROPANOL	1933	1.805

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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11/29/04 12:26:20 PM
Instrument 3
DB-ALC2

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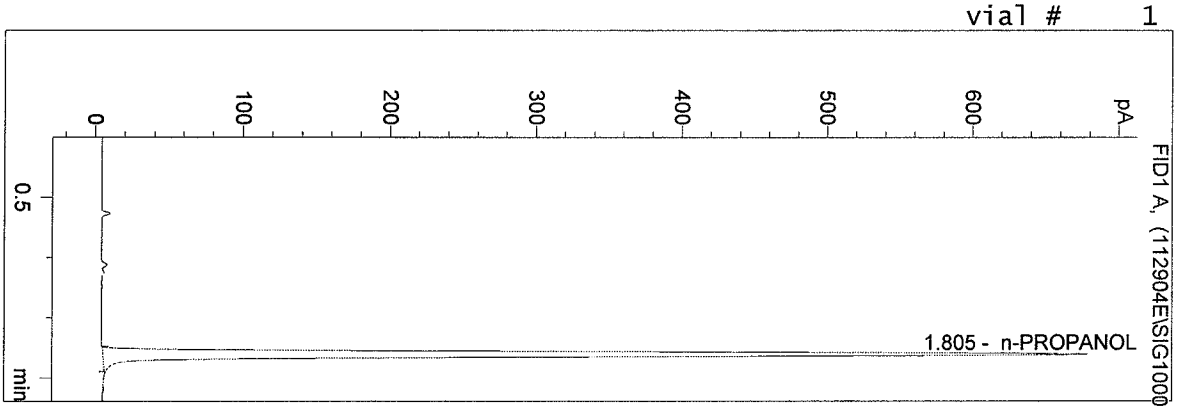
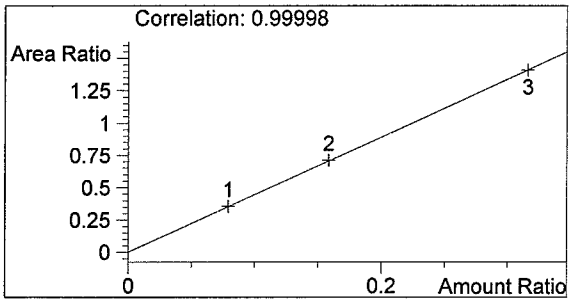
SIMULATOR SOLUTION

vial # 1

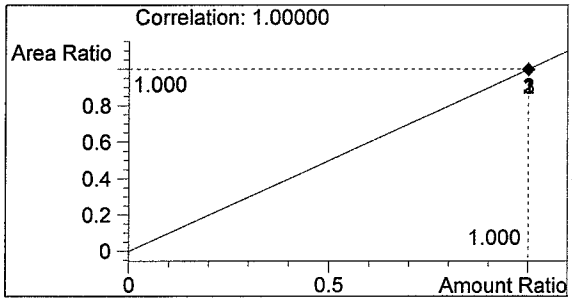


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1925	1.805

Totals:



ETHANOL 0.000 g/100mL



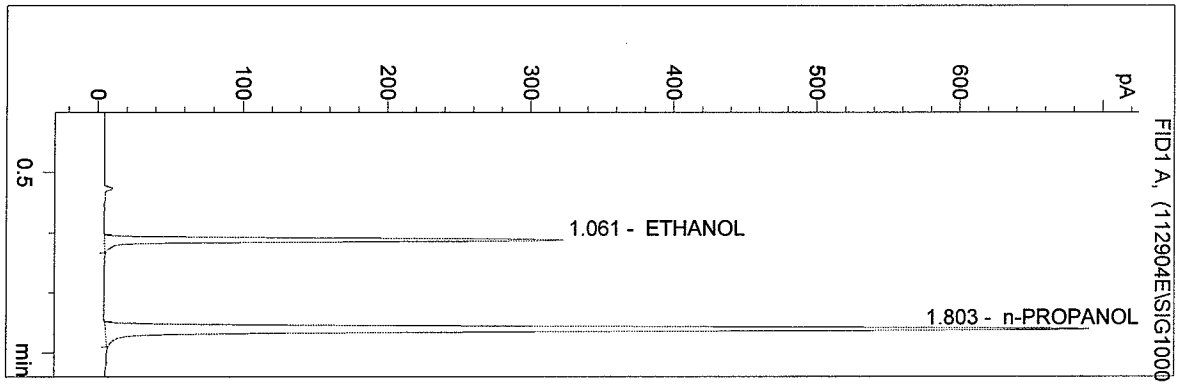
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/29/04 12:29:26 PM
Instrument 3
DB-ALC2

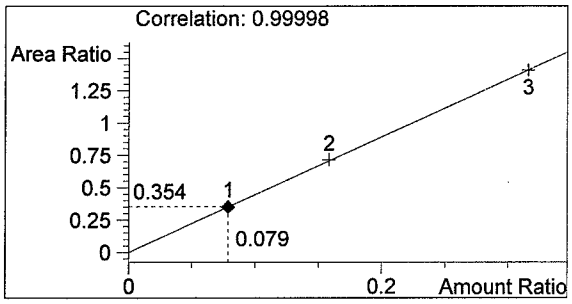
0.079 CAL
SIMULATOR SOLUTION

vial # 2

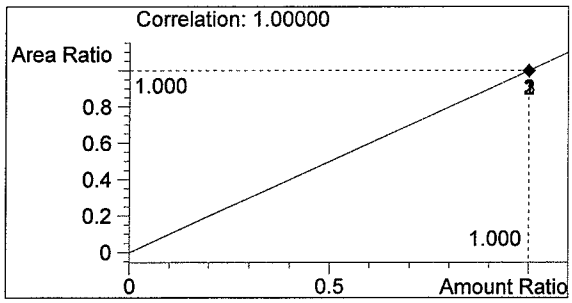


#	Compound	Area	RT
1	ETHANOL	693	1.061
2	n-PROPANOL	1959	1.803

Totals:



ETHANOL 0.079 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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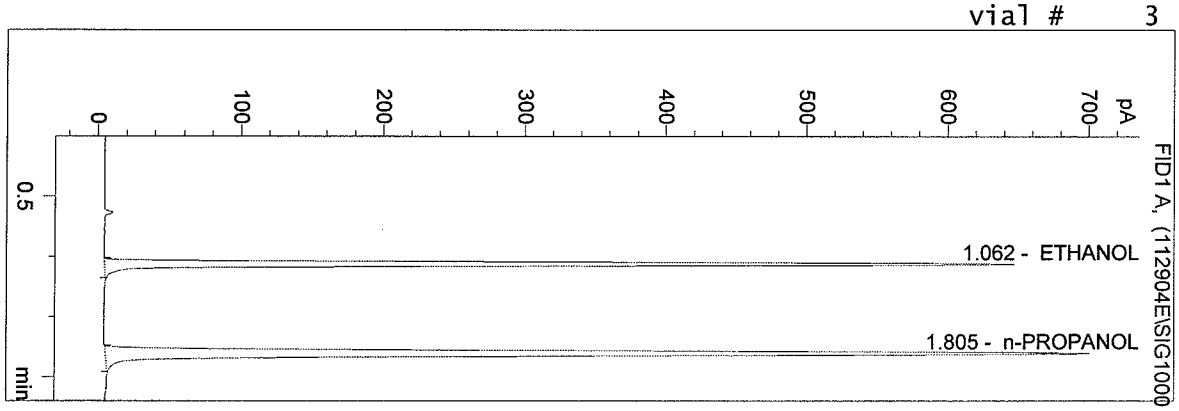
11/29/04 12:32:33 PM
Instrument 3
DB-ALC2

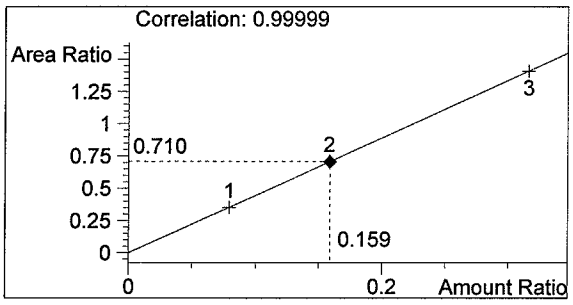
0.158 CAL
SIMULATOR SOLUTION

vial # 3

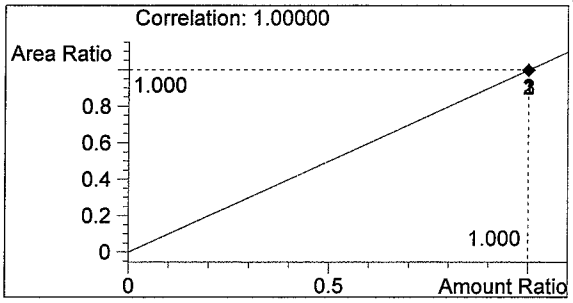


#	Compound	Area	RT
1	ETHANOL	1411	1.062
2	n-PROPANOL	1987	1.805

Totals:



ETHANOL 0.159 g/100mL



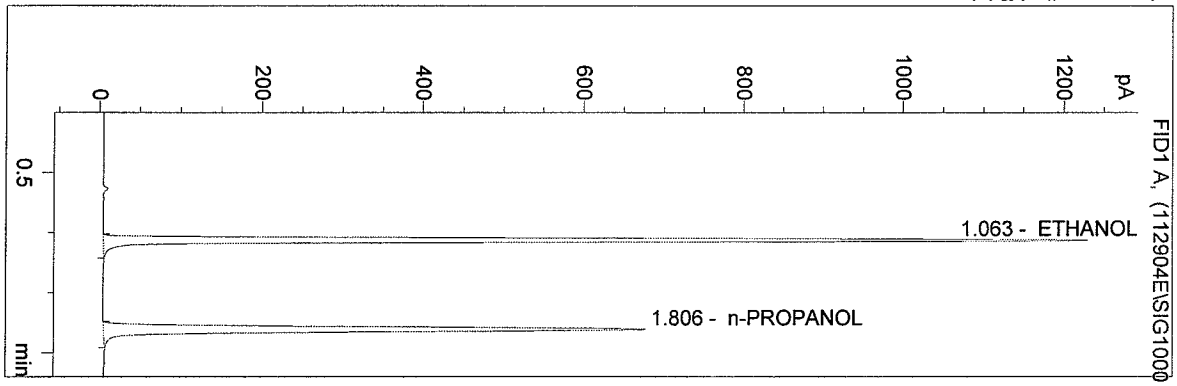
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/29/04 12:35:39 PM
Instrument 3
DB-ALC2

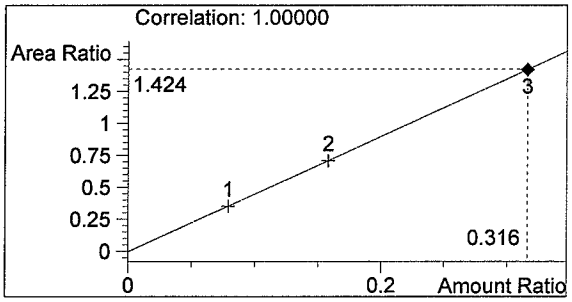
0.316 CAL
SIMULATOR SOLUTION

vial # 4

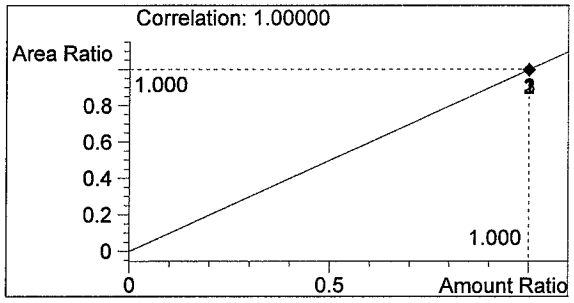


#	Compound	Area	RT
1	ETHANOL	2738	1.063
2	n-PROPANOL	1922	1.806

Totals:



ETHANOL 0.316 g/100mL



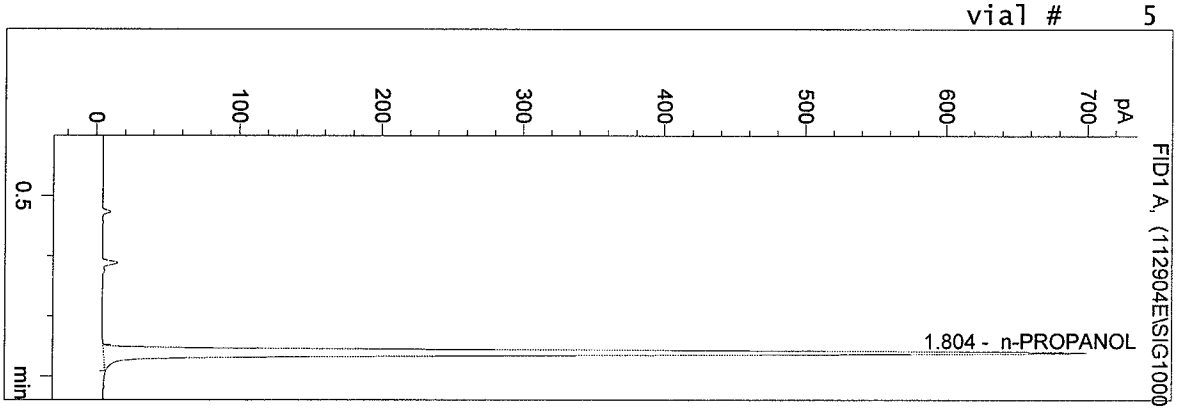
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/29/04 12:39:06 PM
Instrument 3
DB-ALC2

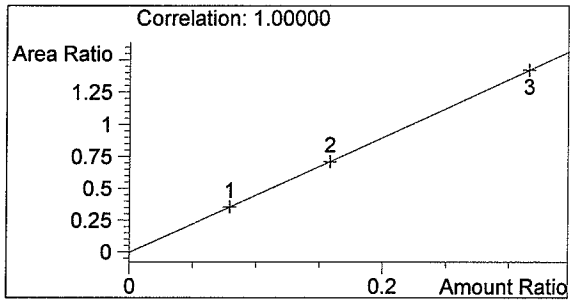
BLANK
SIMULATOR SOLUTION

vial # 5

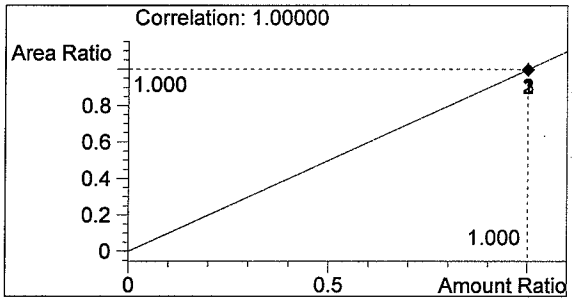


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1993	1.804

Totals:



ETHANOL 0.000 g/100mL



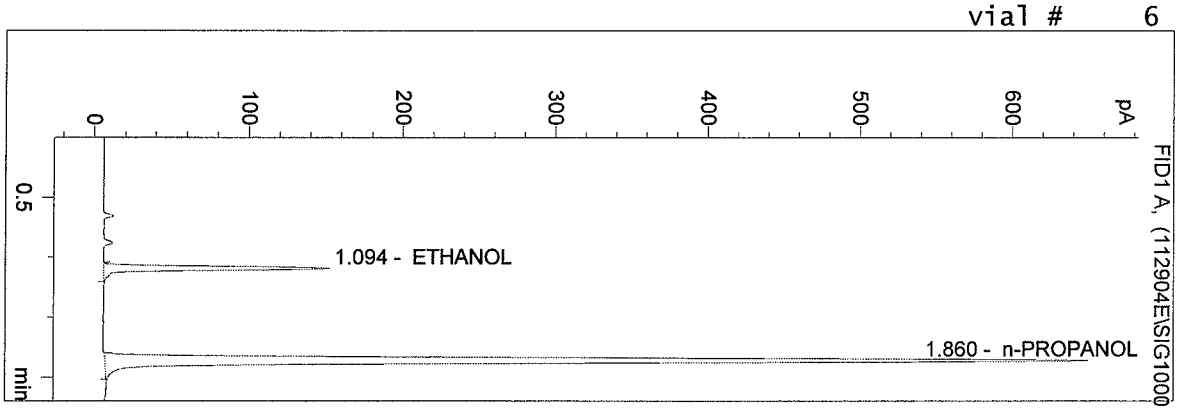
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\EVOL.M
11/29/04 12:42:15 PM
Instrument 3
DB-ALC2

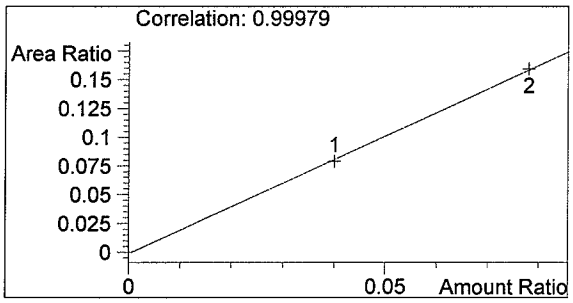
0.04 CONTROL
SIMULATOR SOLUTION

vial # 6

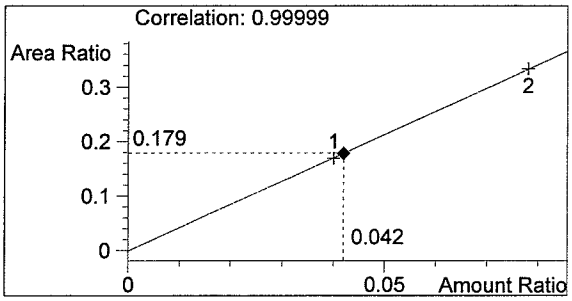


#	Compound	Area	RT
1	METHANOL	0	0.000
2	ETHANOL	336	1.094
3	ACETONE	0	0.000
4	ISOPROPANOL	0	0.000
5	n-PROPANOL	1878	1.860

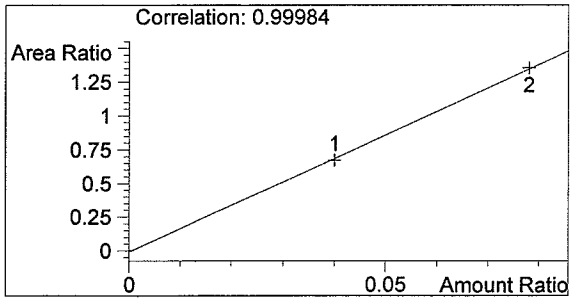
Totals:



METHANOL 0.000 g/100mL



ETHANOL 0.042 g/100mL



ACETONE 0.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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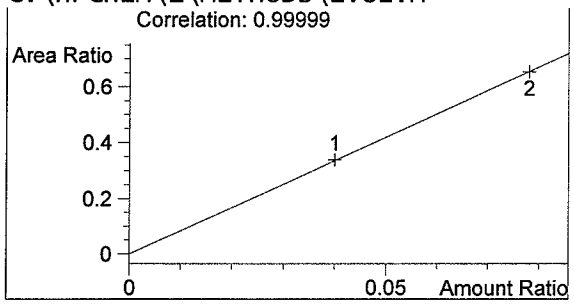
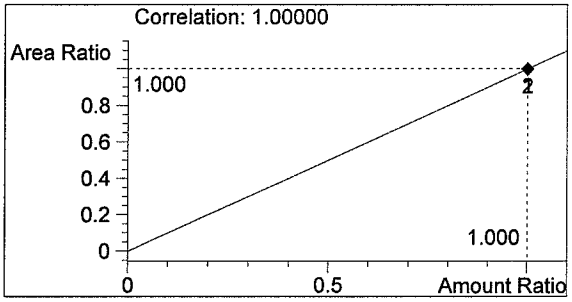


ISOPROPANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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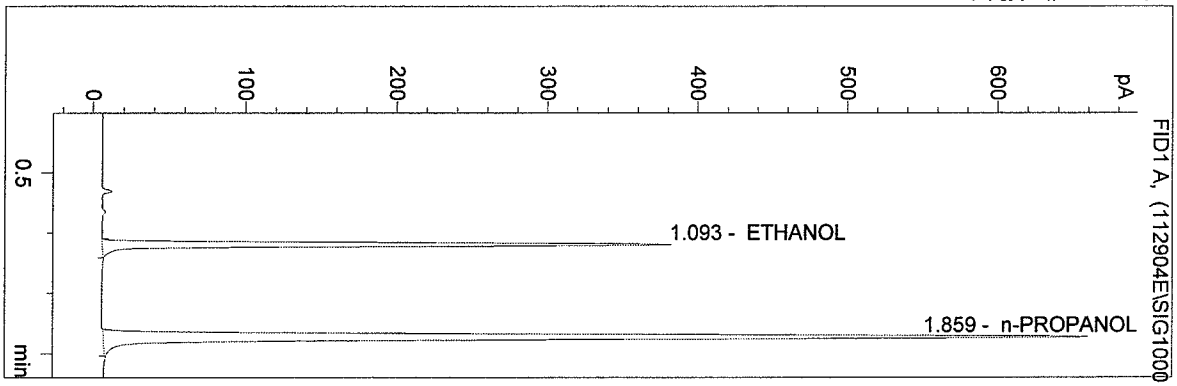
11/29/04 12:45:22 PM
Instrument 3
DB-ALC2

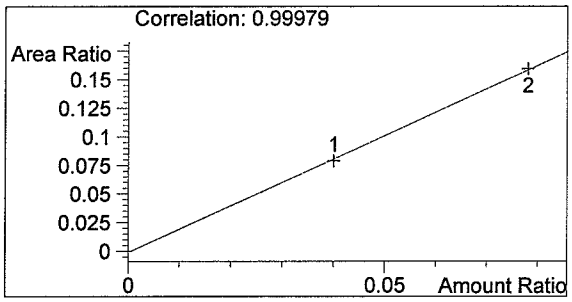
0.10 CONTROL
SIMULATOR SOLUTION

vial # 7

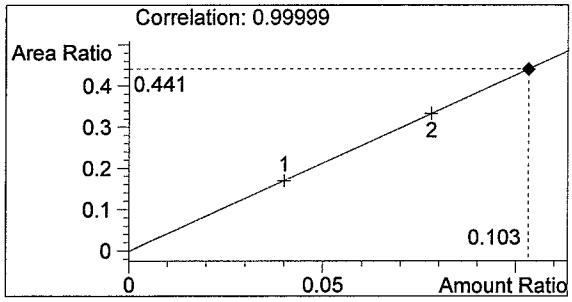


#	Compound	Area	RT
1	METHANOL	0	0.000
2	ETHANOL	840	1.093
3	ACETONE	0	0.000
4	ISOPROPANOL	0	0.000
5	n-PROPANOL	1905	1.859

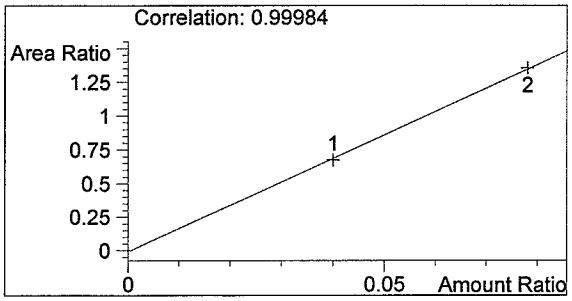
Totals:



METHANOL 0.000 g/100mL



ETHANOL 0.103 g/100mL



ACETONE 0.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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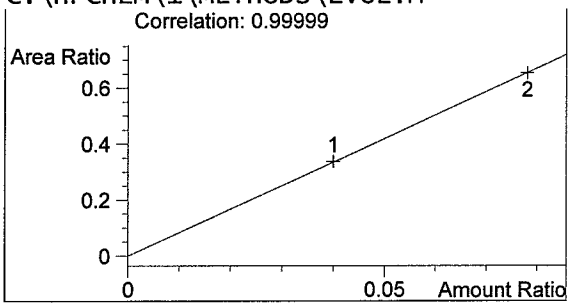
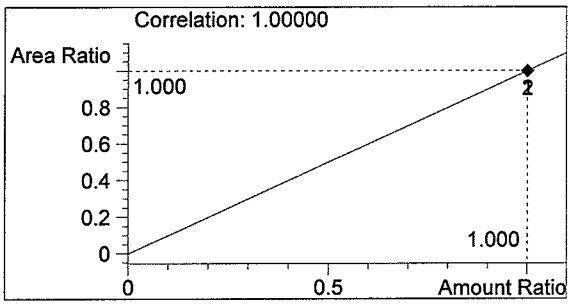


ISOPROPANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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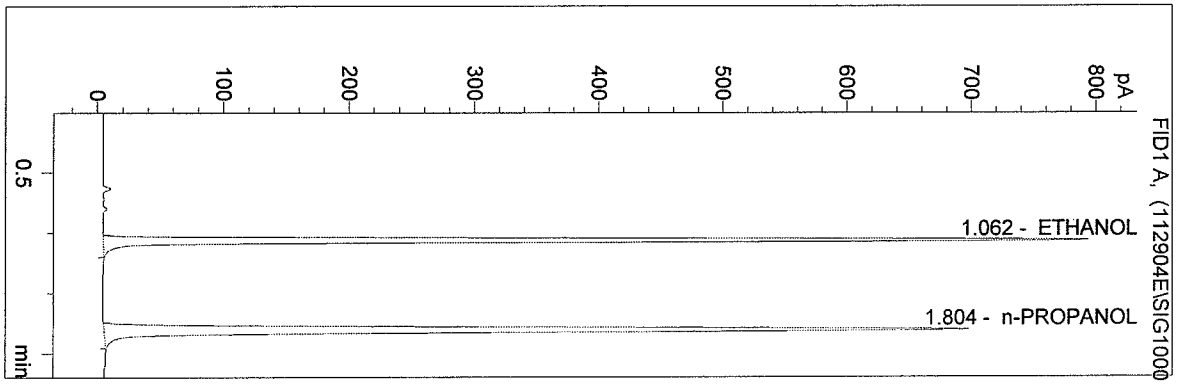
11/29/04 12:48:33 PM
Instrument 3
DB-ALC2

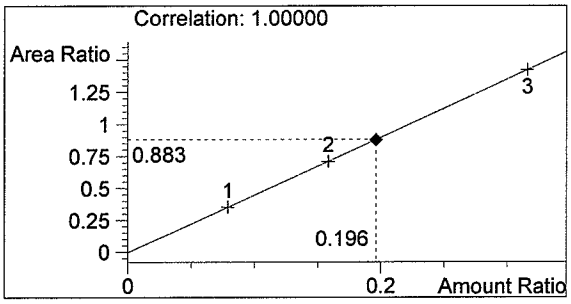
0.20 CONTROL
SIMULATOR SOLUTION

vial # 8

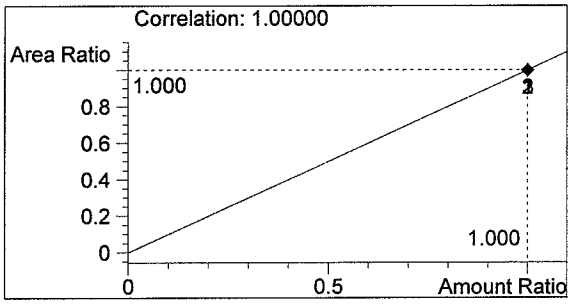


#	Compound	Area	RT
1	ETHANOL	1755	1.062
2	n-PROPANOL	1989	1.804

Totals:



ETHANOL 0.196 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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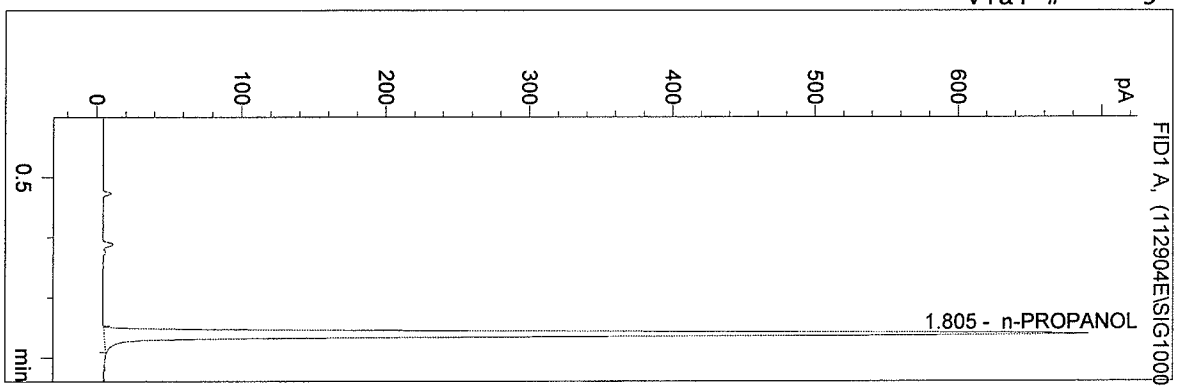
11/29/04 12:51:54 PM
Instrument 3
DB-ALC2

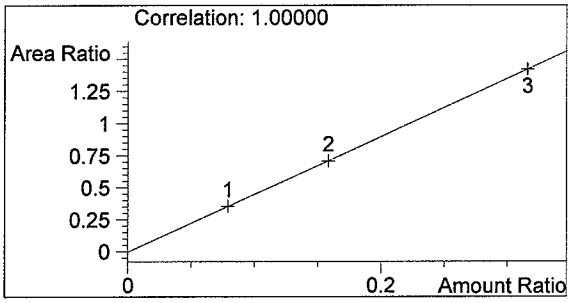
BLANK
SIMULATOR SOLUTION

vial # 9

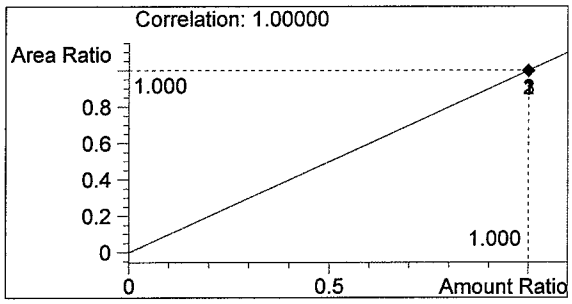


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1971	1.805

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

Sequence Parameters:

Operator:	N Nuwayhid, PhD
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	041201NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO	1	Sample		
2	Vial 2	0.100 CTL-NN	BLDALCO	1	Ctrl Samp		
3	Vial 3	04041 SIM-1	BLDALCO	1	Sample		
4	Vial 4	04041 SIM-2	BLDALCO	1	Sample		
5	Vial 5	04041 SIM-3	BLDALCO	1	Sample		
6	Vial 6	04041 SIM-4	BLDALCO	1	Sample		
7	Vial 7	04041 SIM-5	BLDALCO	1	Sample		
8	Vial 8	0.100 CTL-NN	BLDALCO	1	Ctrl Samp		
9	Vial 9	BLANK	BLDALCO	1	Sample		
10	Vial 10	04042 SIM-1	BLDALCO	1	Sample		
11	Vial 11	04042 SIM-2	BLDALCO	1	Sample		
12	Vial 12	04042 SIM-3	BLDALCO	1	Sample		
13	Vial 13	04042 SIM-4	BLDALCO	1	Sample		
14	Vial 14	04042 SIM-5	BLDALCO	1	Sample		
15	Vial 15	0.100 CTL-NN	BLDALCO	1	Ctrl Samp		
16	Vial 16	Blank	BLDALCO	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval

Sequence Table (Back Injector):

No entries - empty table!

Sequence Summary Parameters:

One page header:	No
Print Configuration:	No
Print Sequence:	No
Print Logbook:	No
Print Method(s):	No
Print Analysis reports:	No

Sequence: D:\HPCHEM\1\SEQUENCE\NNSIMT.S

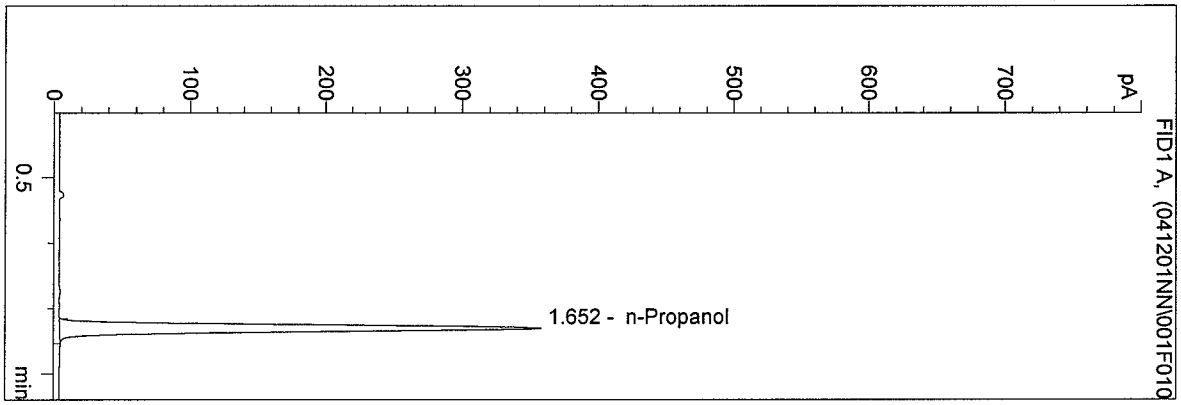
Print Statistics for Calib. runs:	No
Print Statistics for Sample runs:	No
Summary style:	Sample Summary

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/1/2004 8:40:05 AM
Instrument 4
DB-ALC1

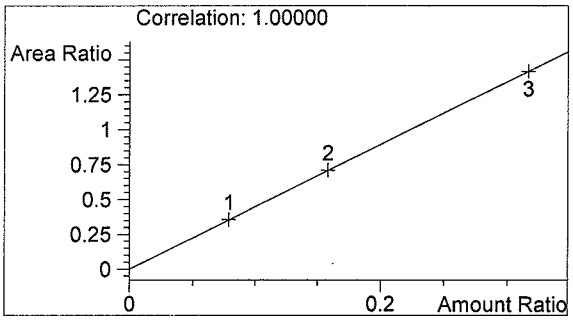
BLANK
N Nuwayhid, PhD

vial # 1

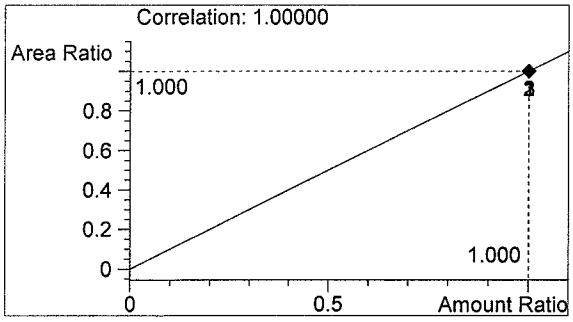


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1255	1.652

Totals:



Ethanol 0.000 g/100ml



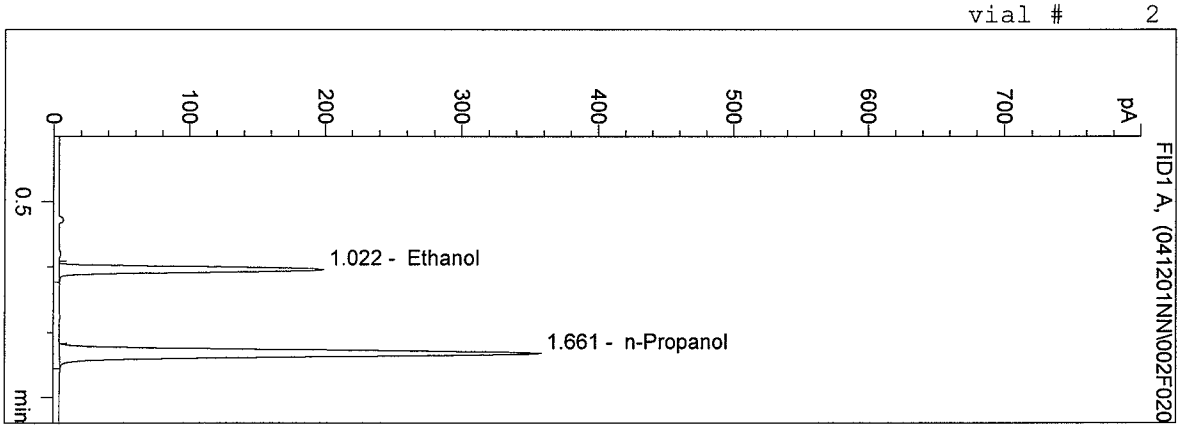
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/1/2004 8:43:20 AM
Instrument 4
DB-ALC1

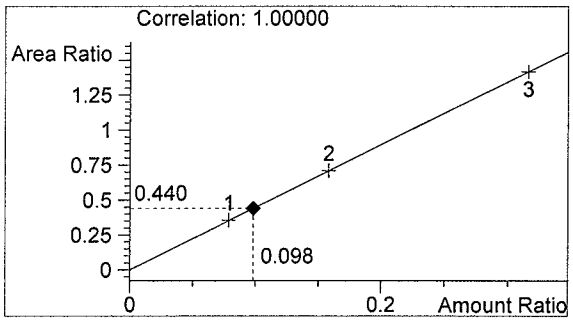
0.100 CTL-NN
N Nuwayhid, PhD

vial # 2

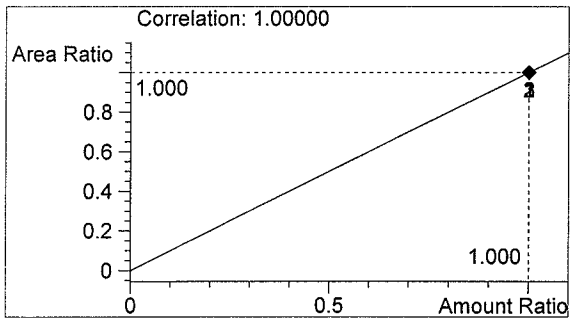


#	Compound	Area	RT
1	Ethanol	552	1.022
2	n-Propanol	1254	1.661

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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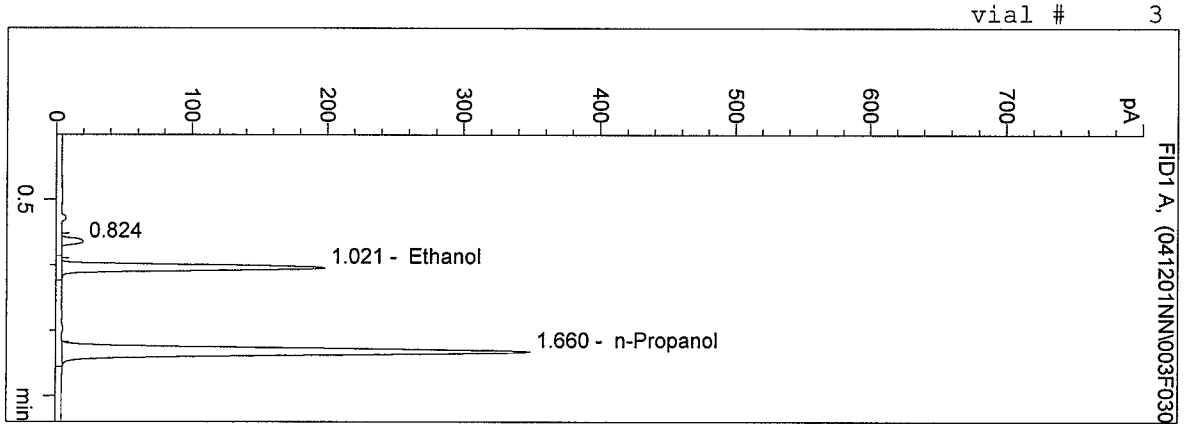
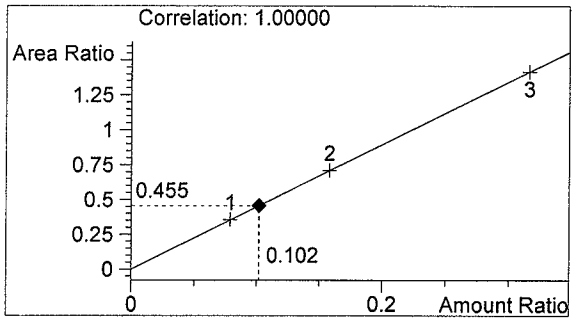
12/1/2004 8:46:32 AM
Instrument 4
DB-ALC1

04041 SIM-1
N Nuwayhid, PhD

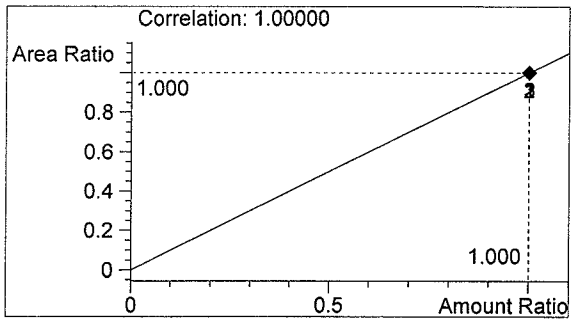
vial # 3



#	Compound	Area	RT
1		46	0.824
2	Ethanol	560	1.021
3	n-Propanol	1229	1.660
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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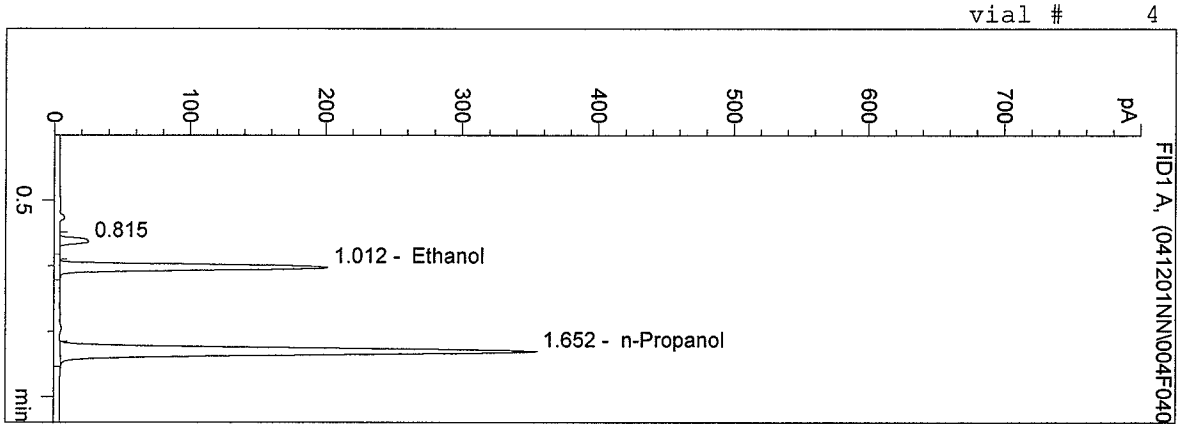
12/1/2004 8:49:44 AM
Instrument 4
DB-ALC1

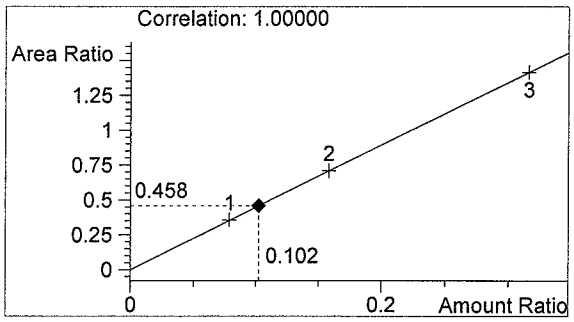
04041 SIM-2
N Nuwayhid, PhD

vial # 4

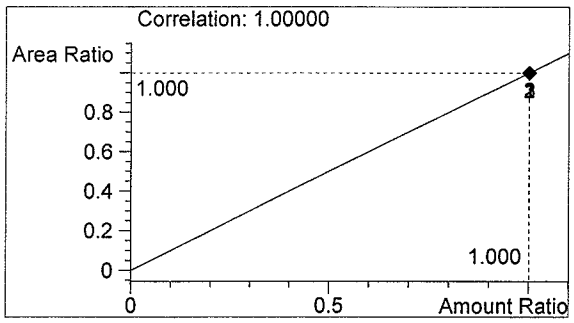


#	Compound	Area	RT
1		62	0.815
2	Ethanol	572	1.012
3	n-Propanol	1251	1.652

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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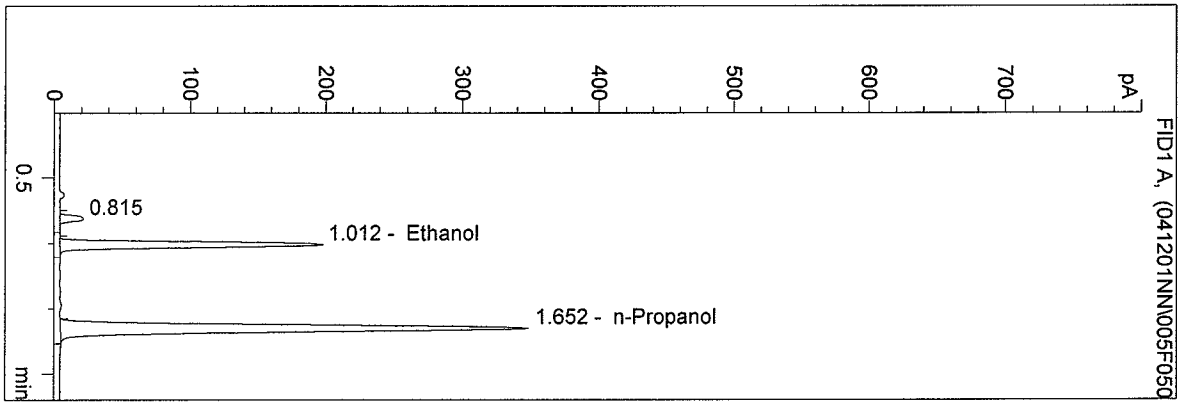
12/1/2004 8:52:54 AM
Instrument 4
DB-ALC1

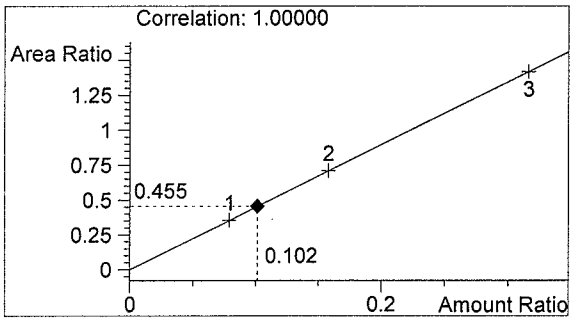
04041 SIM-3
N Nuwayhid, PhD

vial # 5

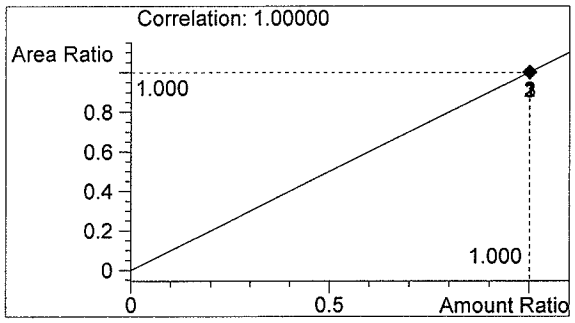


#	Compound	Area	RT
1		50	0.815
2	Ethanol	560	1.012
3	n-Propanol	1230	1.652

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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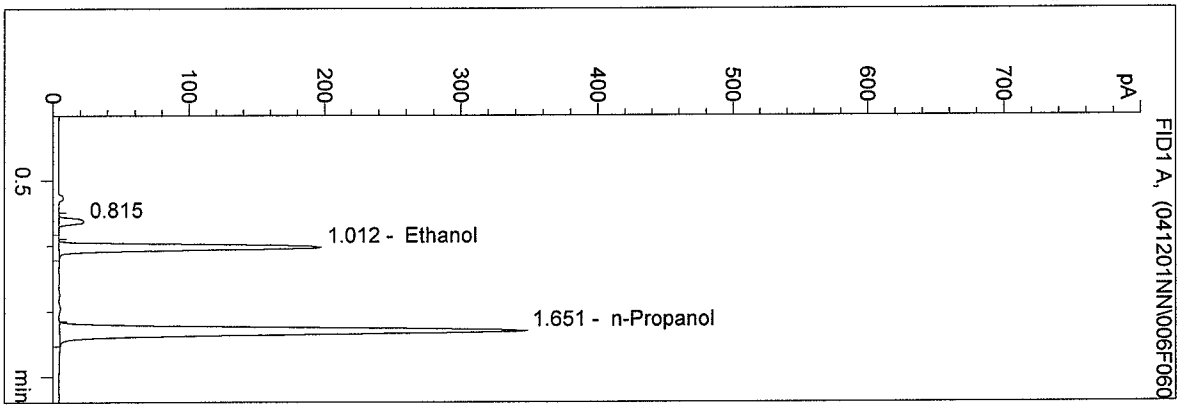
12/1/2004 8:56:01 AM
Instrument 4
DB-ALC1

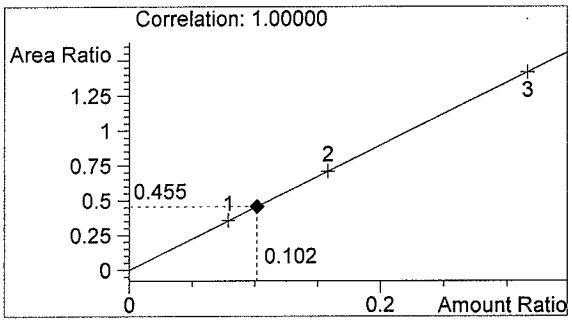
04041 SIM-4
N Nuwayhid, PhD

vial # 6

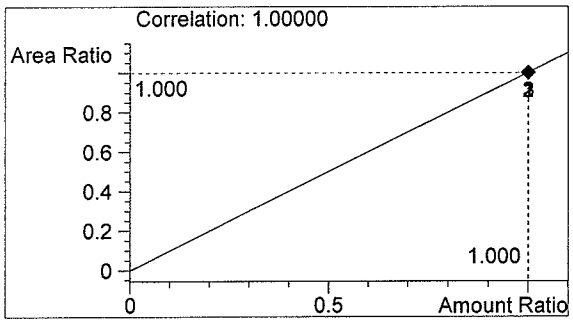


#	Compound	Area	RT
1		53	0.815
2	Ethanol	558	1.012
3	n-Propanol	1226	1.651

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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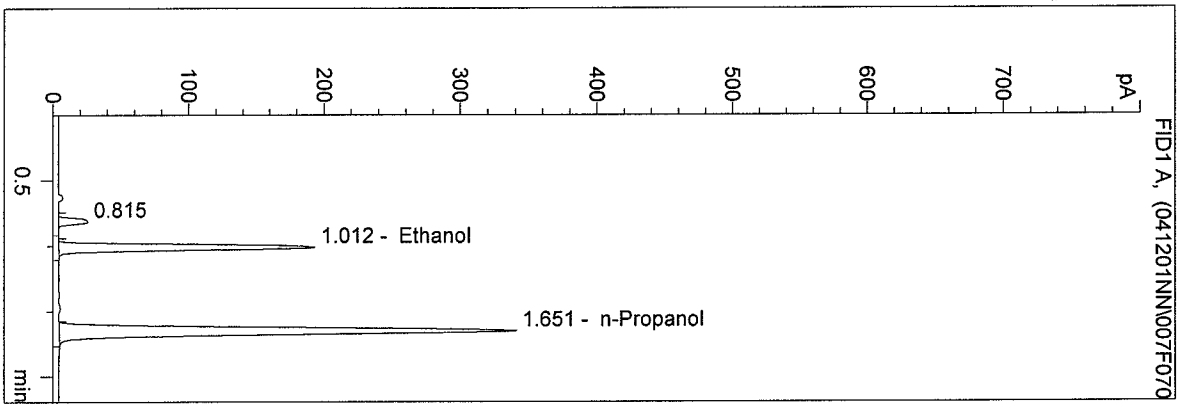
12/1/2004 9:01:37 AM
Instrument 4
DB-ALC1

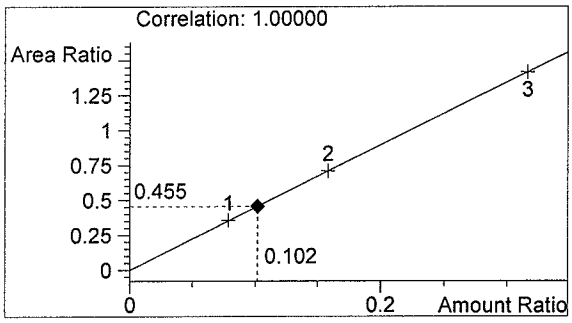
04041 SIM-5
N Nuwayhid, PhD

vial # 7

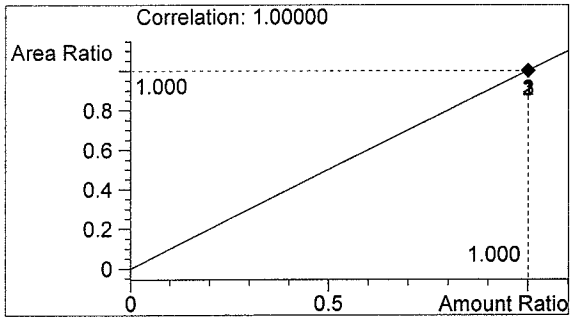


#	Compound	Area	RT
1		63	0.815
2	Ethanol	546	1.012
3	n-Propanol	1199	1.651

Totals:



Ethanol 0.102 g/100ml



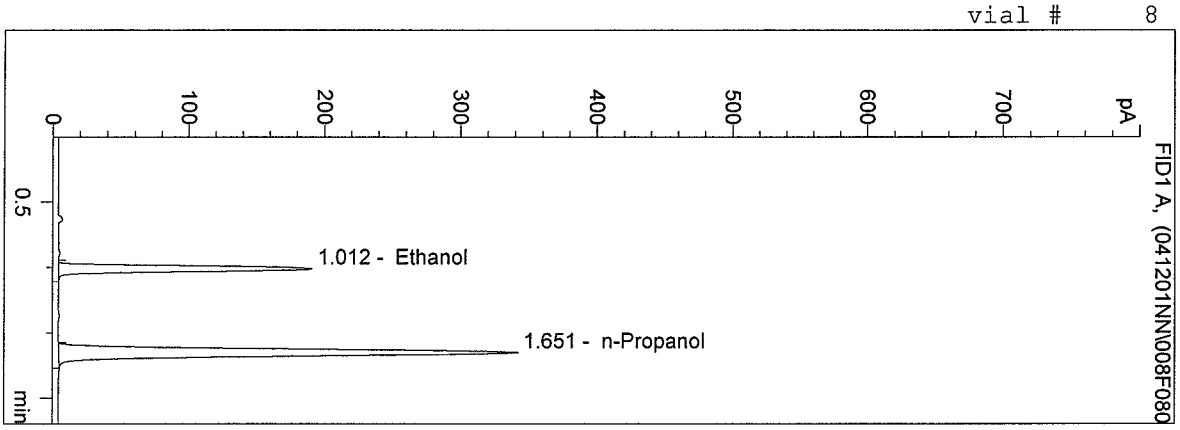
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/1/2004 9:04:49 AM
Instrument 4
DB-ALC1

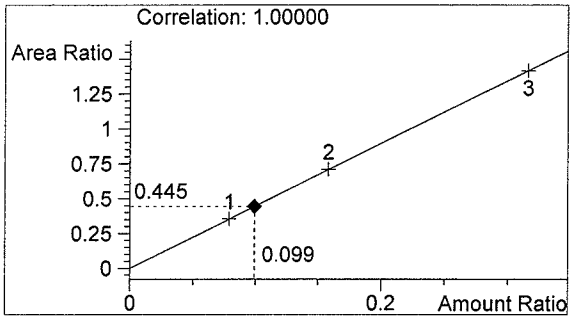
0.100 CTL-NN
N Nuwayhid, PhD

vial # 8

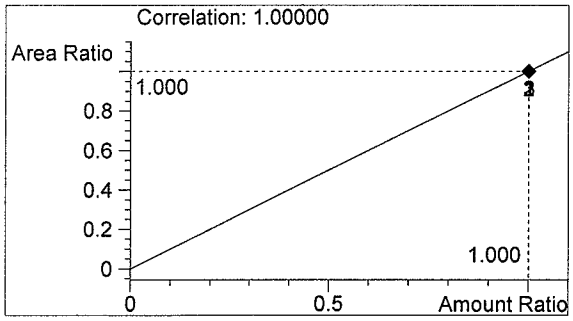


#	Compound	Area	RT
1	Ethanol	534	1.012
2	n-Propanol	1200	1.651

Totals:



Ethanol 0.099 g/100ml



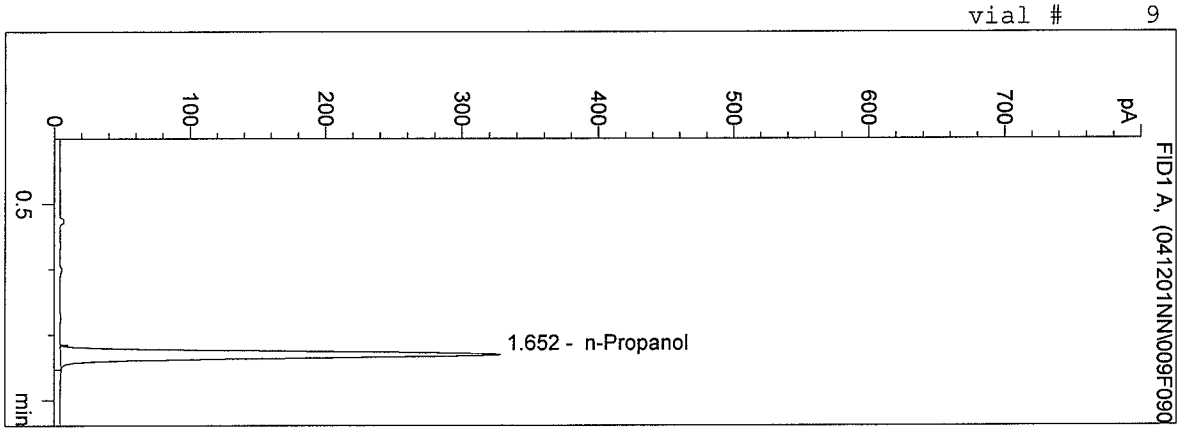
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/1/2004 9:08:04 AM
Instrument 4
DB-ALC1

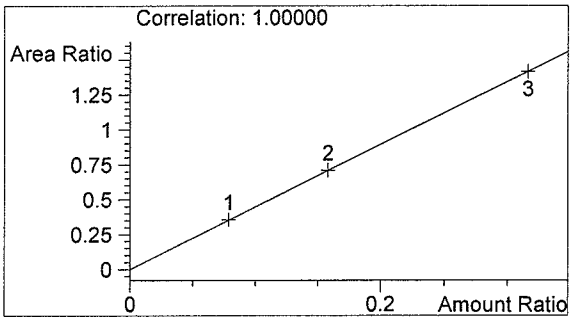
BLANK
N Nuwayhid, PhD

vial # 9

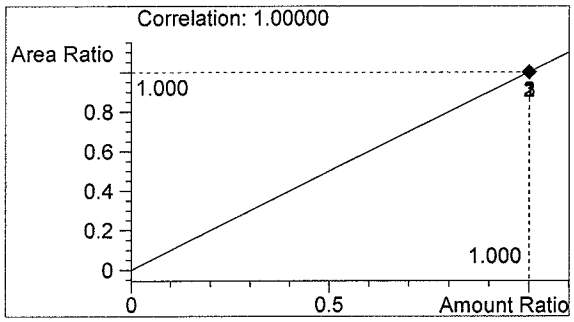


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1151	1.652

Totals:



Ethanol 0.000 g/100ml



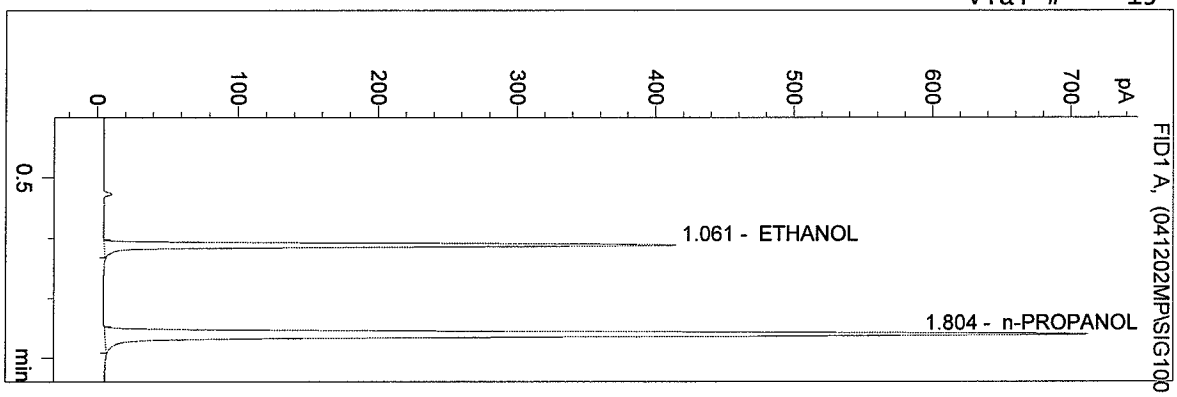
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:59:56 AM
Instrument 3
DB-ALC2

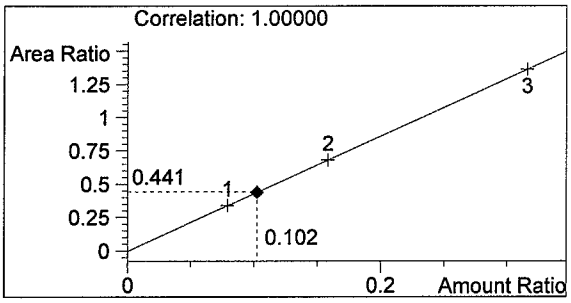
04041 sim soln
M PEMBERTON

vial # 13

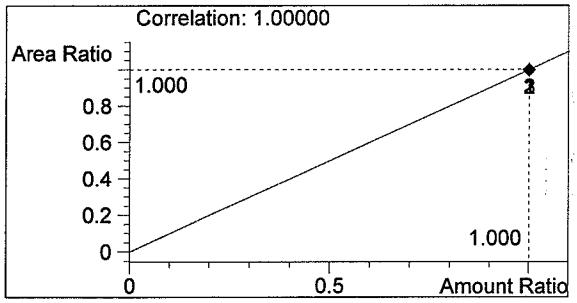


#	Compound	Area	RT
1	ETHANOL	895	1.061
2	n-PROPANOL	2028	1.804

Totals:



ETHANOL 0.102 g/100mL



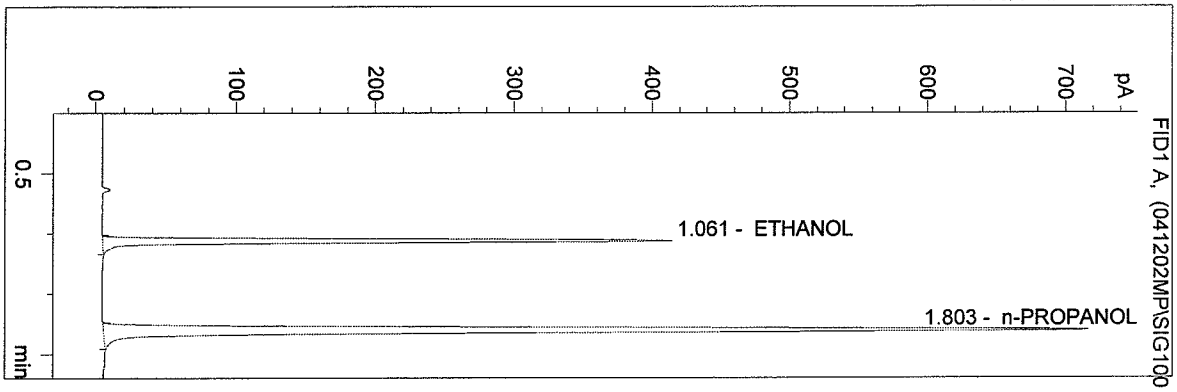
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 9:03:02 AM
Instrument 3
DB-ALC2

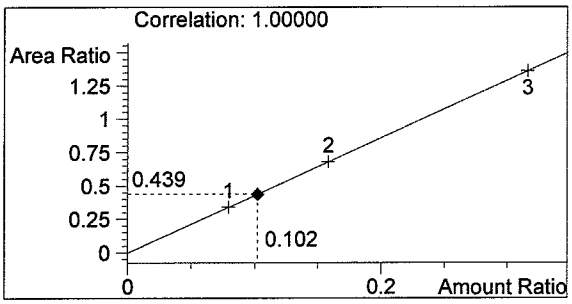
04041 sim soln
M PEMBERTON

vial # 14

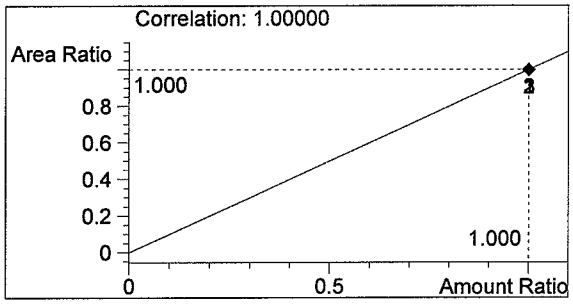


#	Compound	Area	RT
1	ETHANOL	895	1.061
2	n-PROPANOL	2037	1.803

Totals:



ETHANOL 0.102 g/100mL



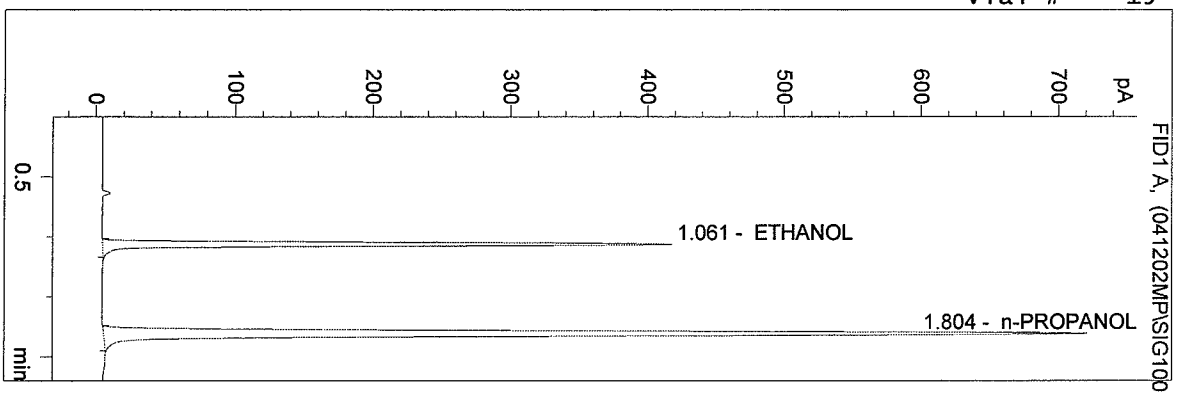
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 9:06:10 AM
Instrument 3
DB-ALC2

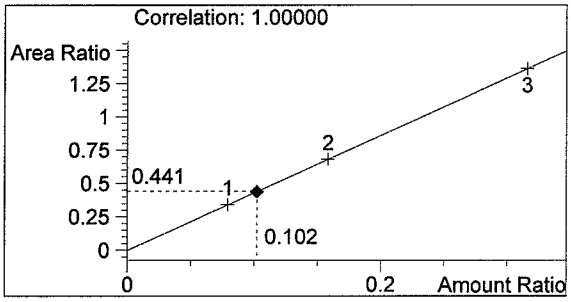
04041 sim soln
M PEMBERTON

vial # 15

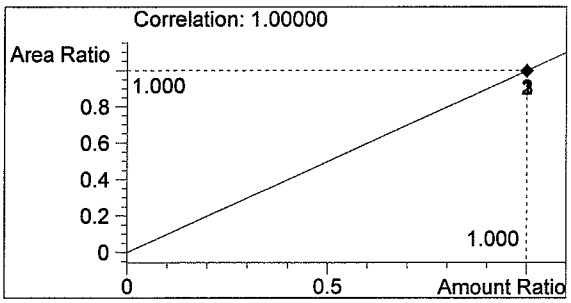


#	Compound	Area	RT
1	ETHANOL	899	1.061
2	n-PROPANOL	2039	1.804

Totals:



ETHANOL 0.102 g/100mL



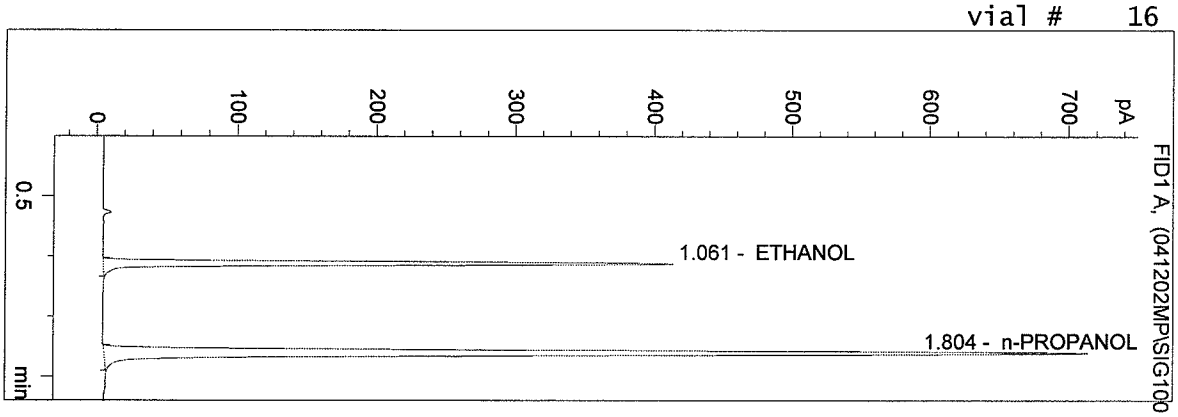
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 9:09:16 AM
Instrument 3
DB-ALC2

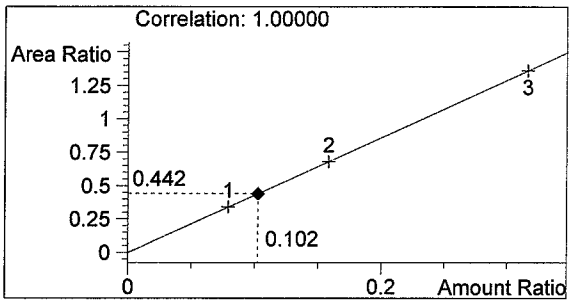
04041 sim soln
M PEMBERTON

vial # 16

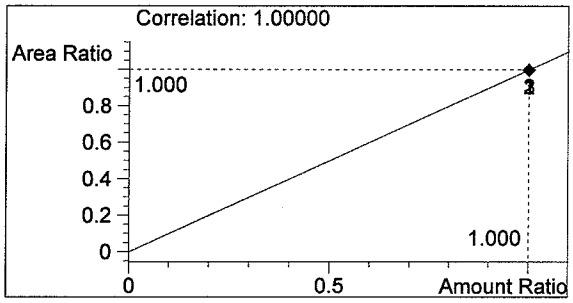


#	Compound	Area	RT
1	ETHANOL	891	1.061
2	n-PROPANOL	2018	1.804

Totals:



ETHANOL 0.102 g/100mL



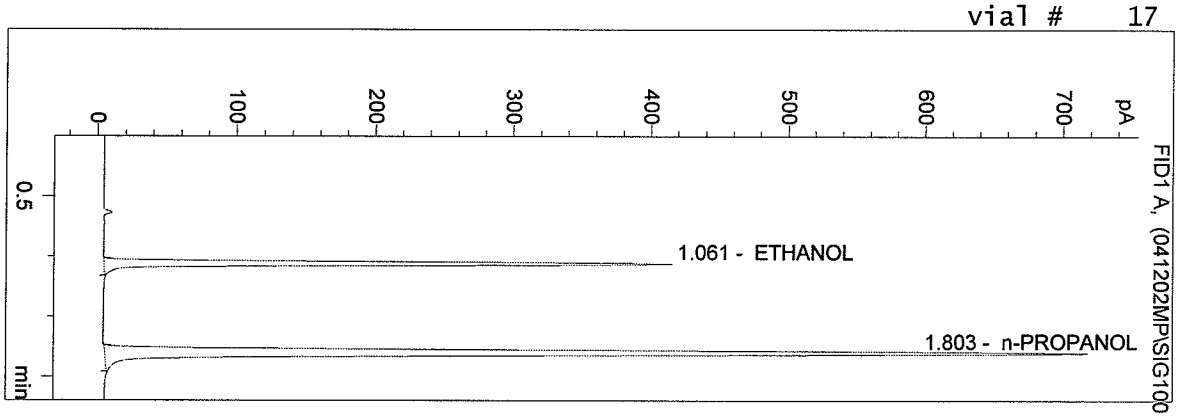
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 9:12:32 AM
Instrument 3
DB-ALC2

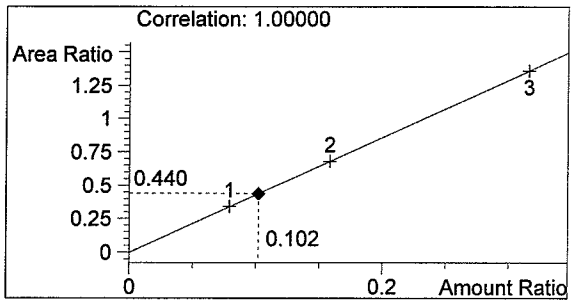
04041 sim soln
M PEMBERTON

vial # 17

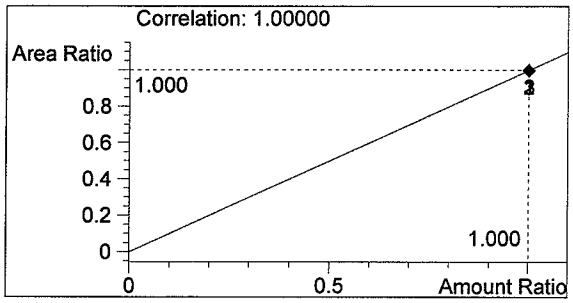


#	Compound	Area	RT
1	ETHANOL	899	1.061
2	n-PROPANOL	2041	1.803

Totals:



ETHANOL 0.102 g/100mL



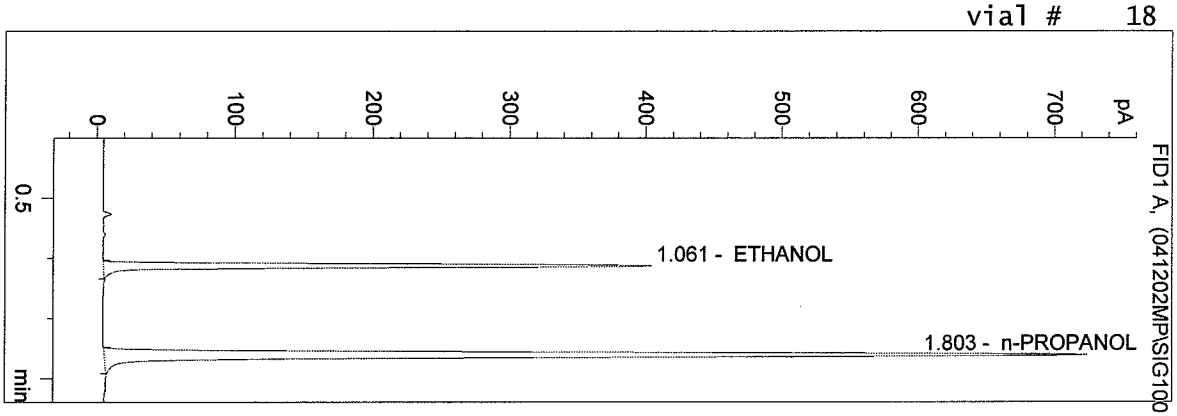
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 9:15:38 AM
Instrument 3
DB-ALC2

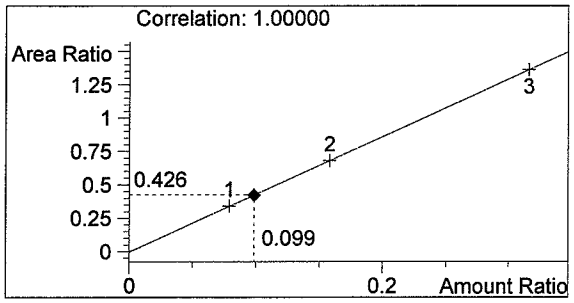
0.10 control
M PEMBERTON

vial # 18

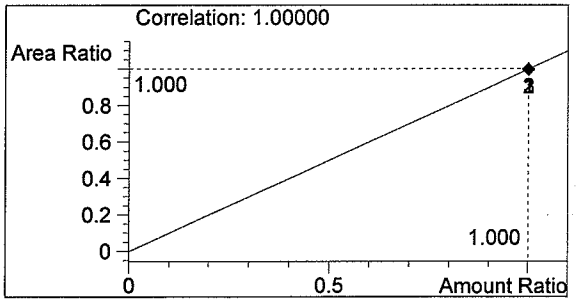


#	Compound	Area	RT
1	ETHANOL	877	1.061
2	n-PROPANOL	2060	1.803

Totals:



ETHANOL 0.099 g/100mL



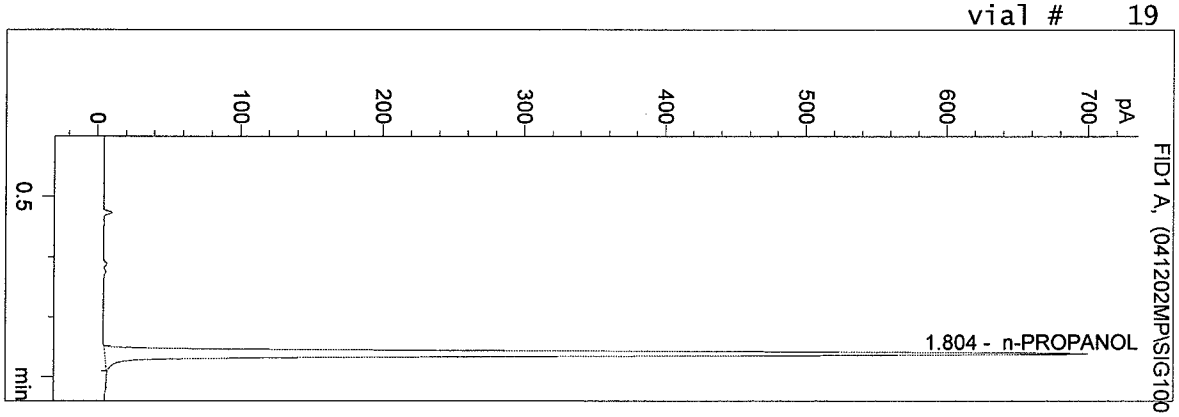
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 9:18:45 AM
Instrument 3
DB-ALC2

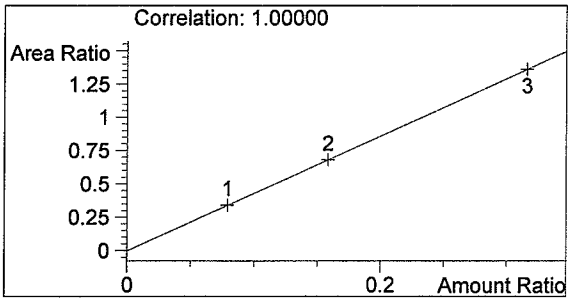
blk
M PEMBERTON

vial # 19

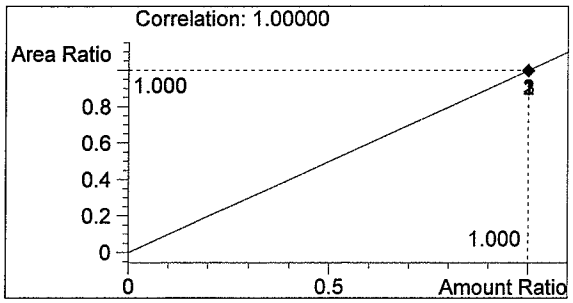


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1983	1.804

Totals:



ETHANOL 0.000 g/100mL



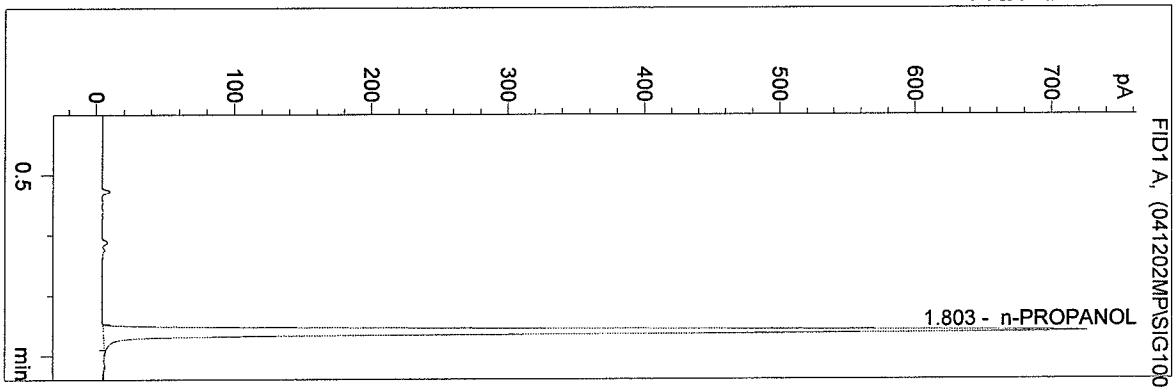
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:21:55 AM
Instrument 3
DB-ALC2

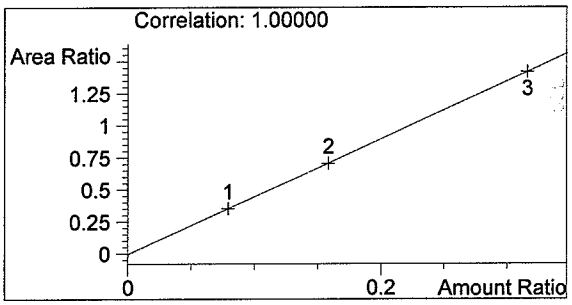
BLANK
M PEMBERTON

vial # 1

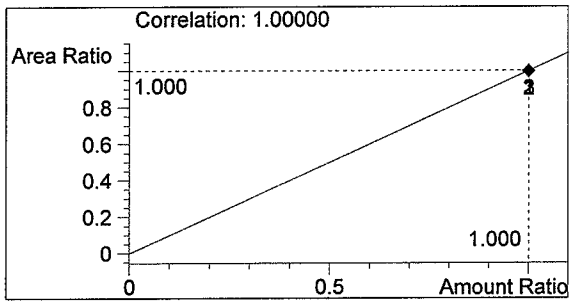


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2064	1.803

Totals:



ETHANOL 0.000 g/100mL



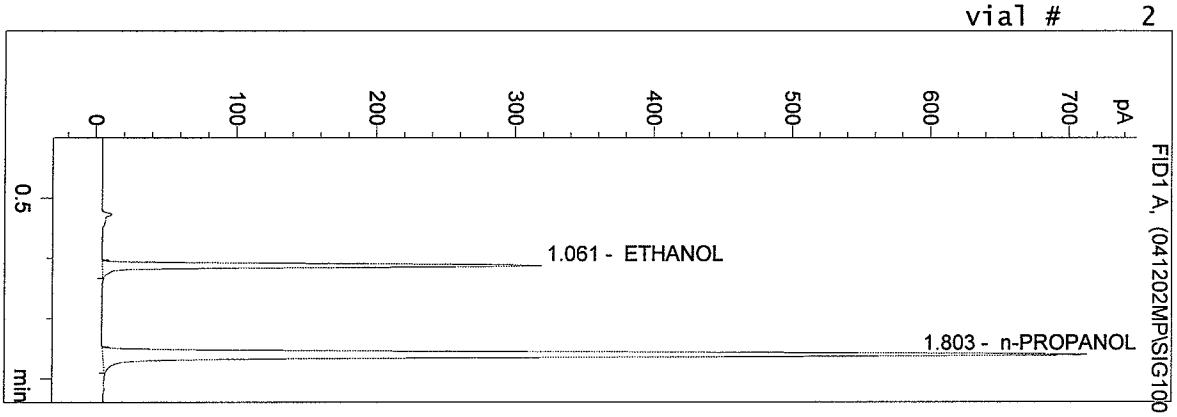
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:25:02 AM
Instrument 3
DB-ALC2

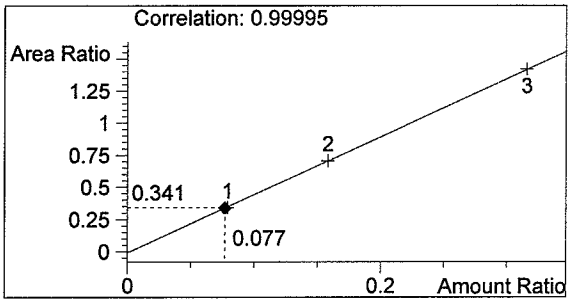
0.079 CALIBRATOR
M PEMBERTON

vial # 2

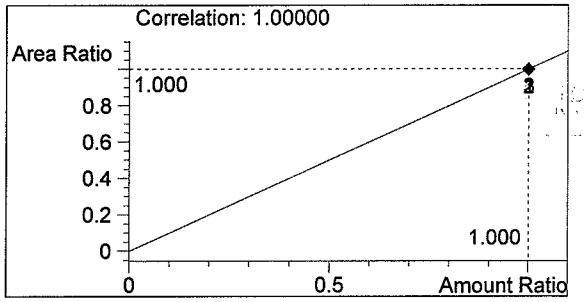


#	Compound	Area	RT
1	ETHANOL	692	1.061
2	n-PROPANOL	2028	1.803

Totals:



ETHANOL 0.077 g/100mL



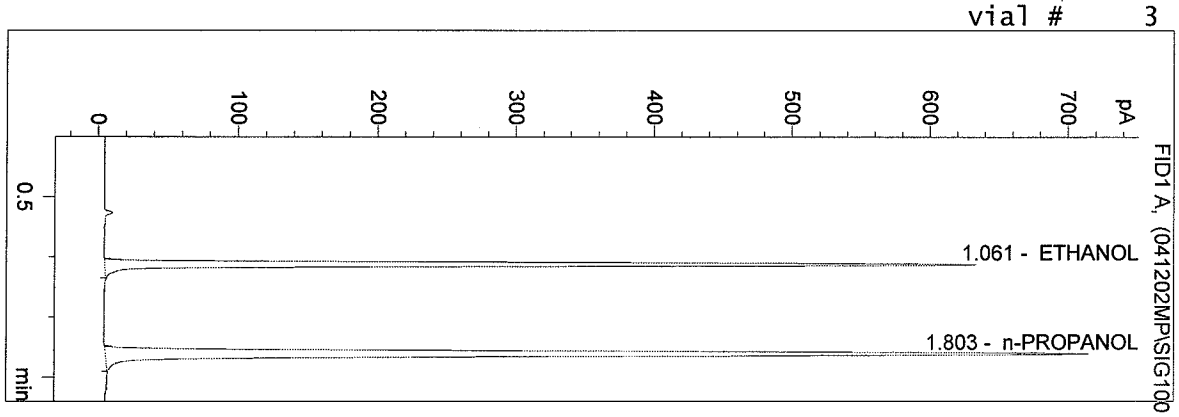
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:28:08 AM
Instrument 3
DB-ALC2

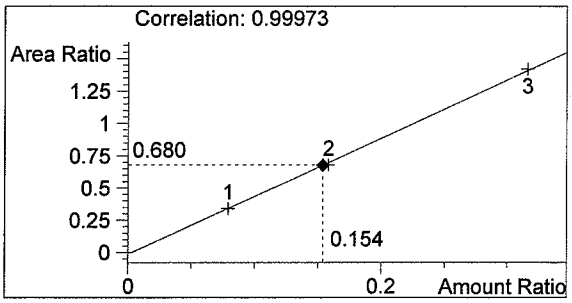
0.158 CALIBRATOR
M PEMBERTON

vial # 3

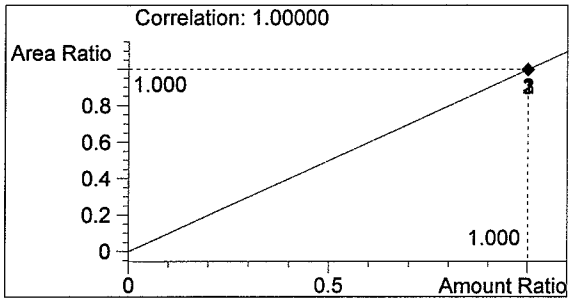


#	Compound	Area	RT
1	ETHANOL	1379	1.061
2	n-PROPANOL	2028	1.803

Totals:



ETHANOL 0.154 g/100mL



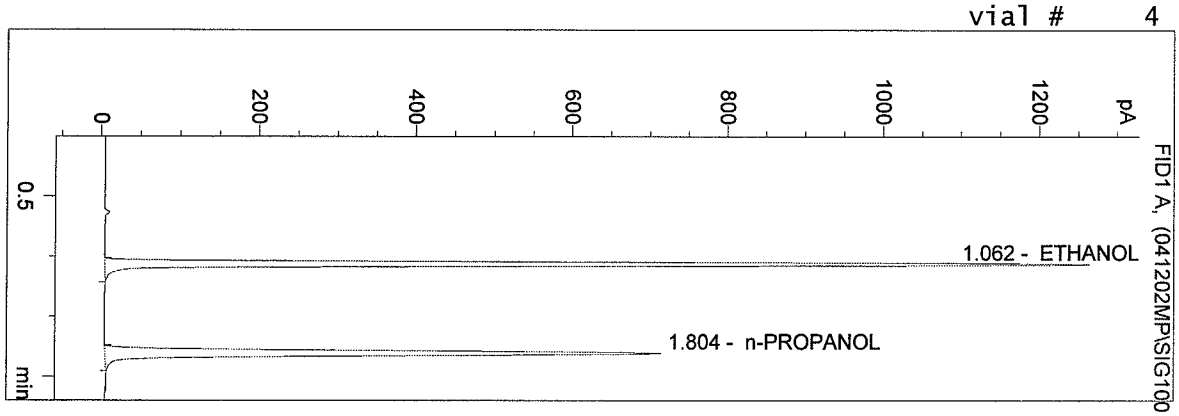
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:31:15 AM
Instrument 3
DB-ALC2

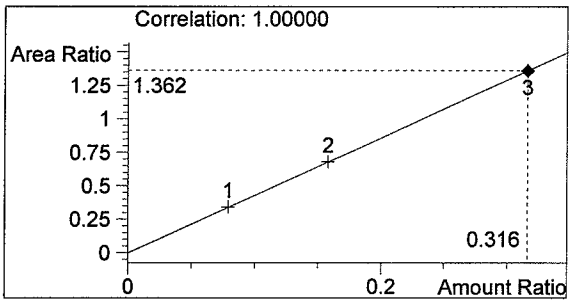
0.316 CALIBRATOR
M PEMBERTON

vial # 4

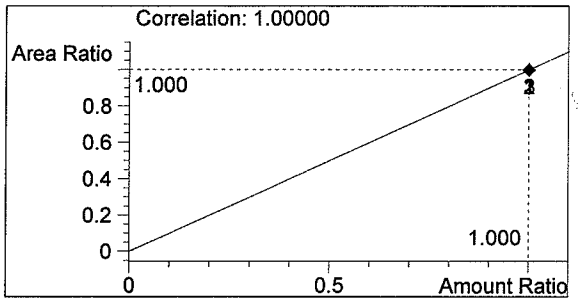


#	Compound	Area	RT
1	ETHANOL	2776	1.062
2	n-PROPANOL	2038	1.804

Totals:



ETHANOL 0.316 g/100mL



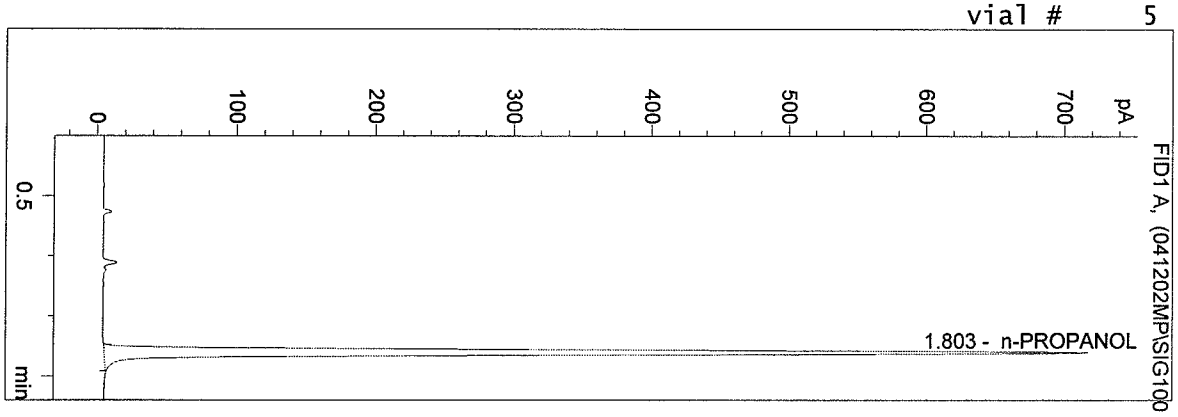
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:34:37 AM
Instrument 3
DB-ALC2

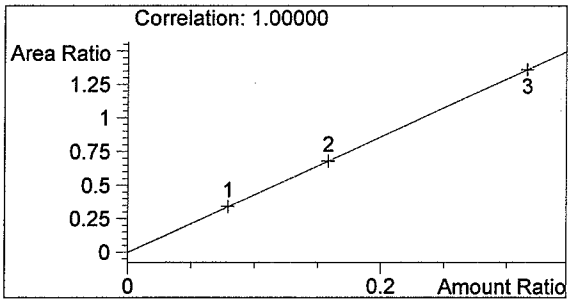
blk
M PEMBERTON

vial # 5

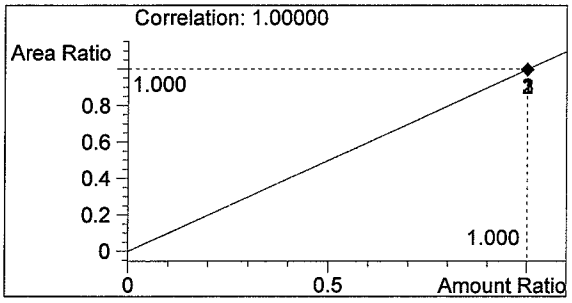


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2041	1.803

Totals:



ETHANOL 0.000 g/100mL



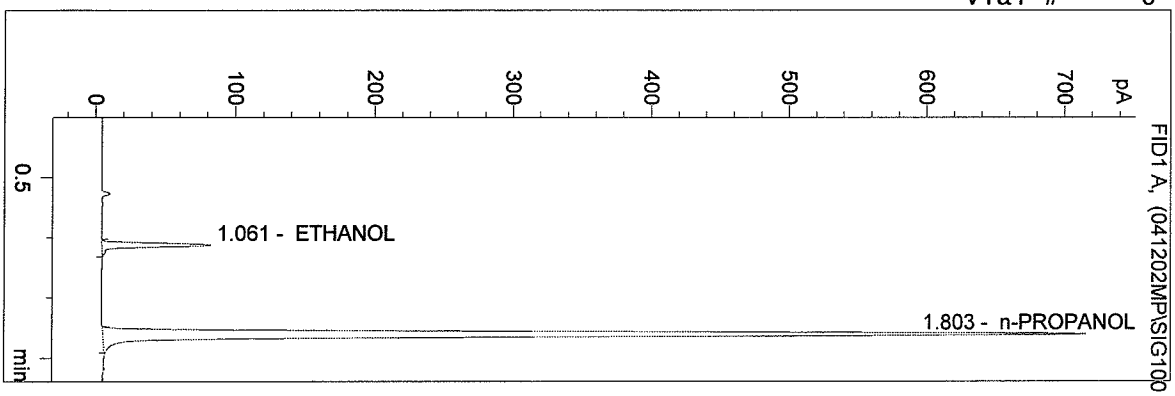
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:37:44 AM
Instrument 3
DB-ALC2

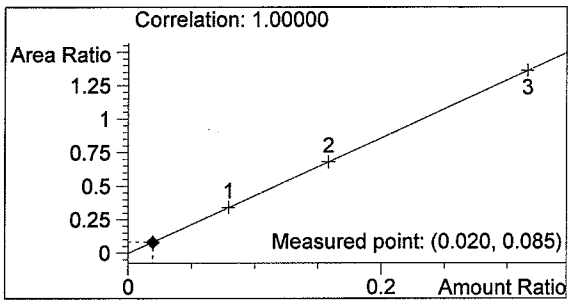
0.02 std
M PEMBERTON

vial # 6

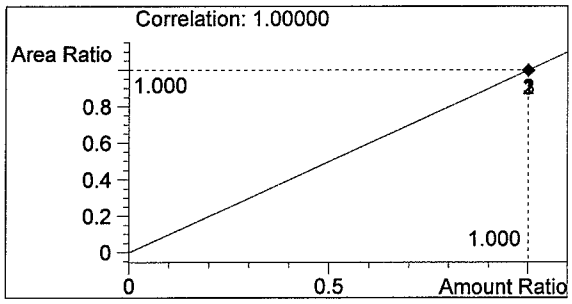


#	Compound	Area	RT
1	ETHANOL	174	1.061
2	n-PROPANOL	2038	1.803

Totals:



ETHANOL 0.020 g/100mL



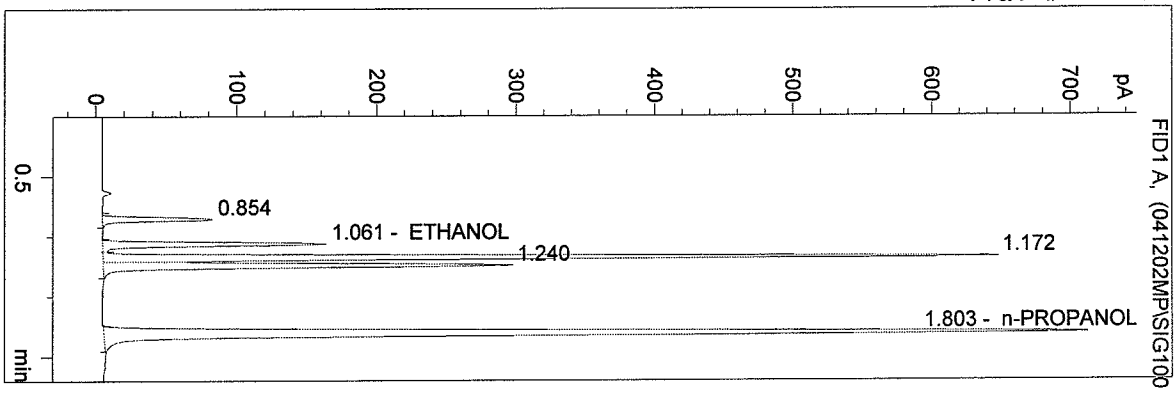
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:40:50 AM
Instrument 3
DB-ALC2

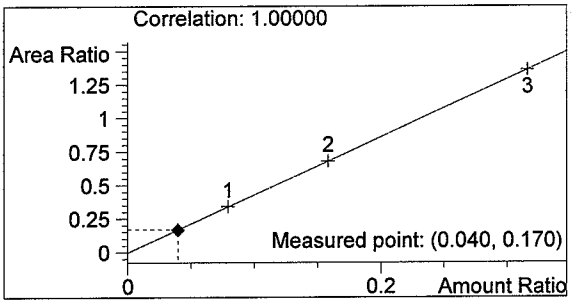
0.04 mix
M PEMBERTON

vial # 7

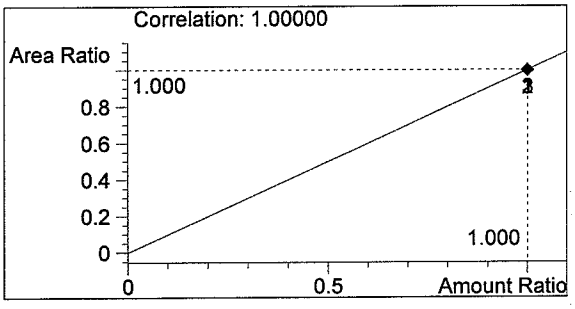


#	Compound	Area	RT
1		170	0.854
2	ETHANOL	344	1.061
3		1347	1.172
4		690	1.240
5	n-PROPANOL	2017	1.803

Totals:



ETHANOL 0.040 g/100mL



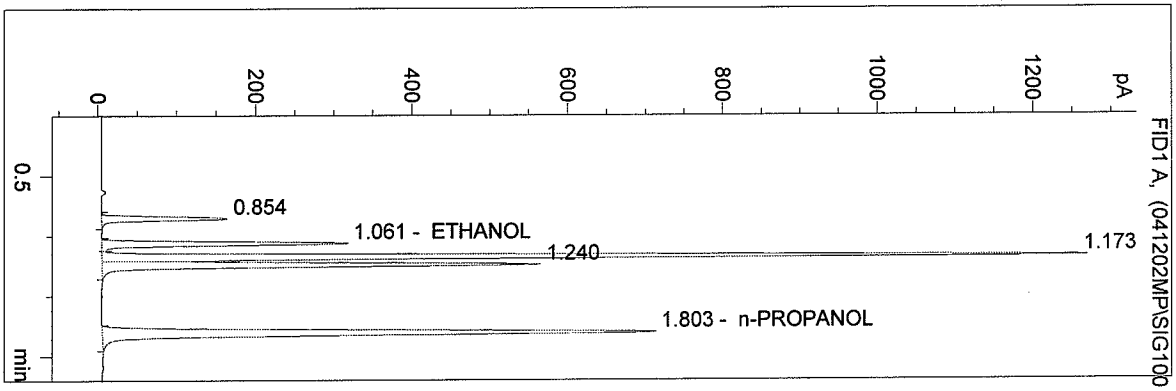
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:43:57 AM
Instrument 3
DB-ALC2

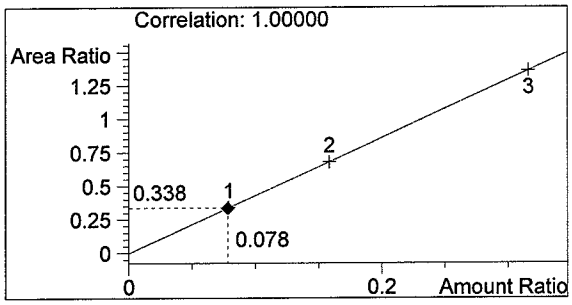
0.08 mix
M PEMBERTON

vial # 8

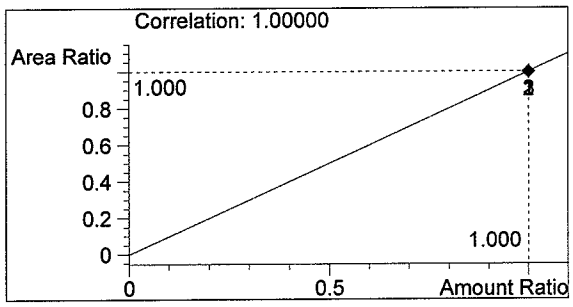


#	Compound	Area	RT
1		353	0.854
2	ETHANOL	683	1.061
3		2658	1.173
4		1326	1.240
5	n-PROPANOL	2022	1.803

Totals:



ETHANOL 0.078 g/100mL



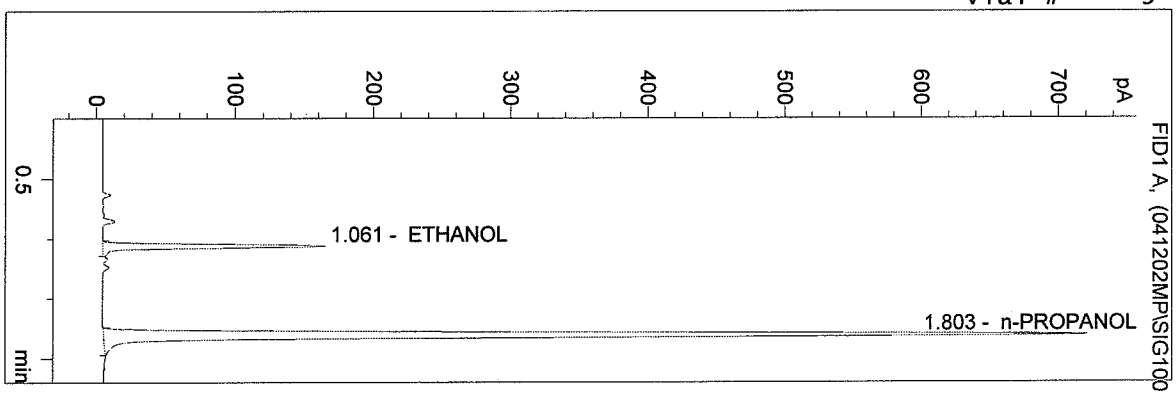
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:47:15 AM
Instrument 3
DB-ALC2

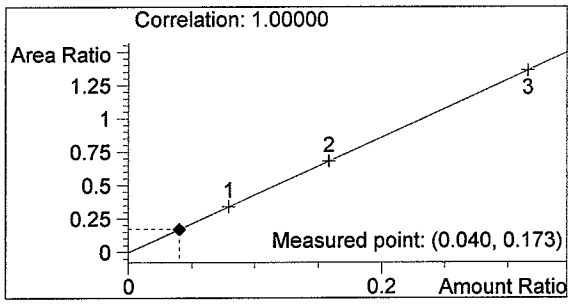
0.04 control
M PEMBERTON

vial # 9

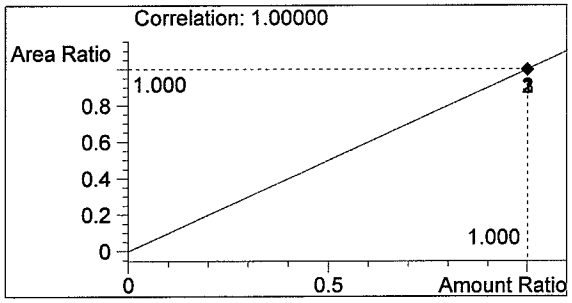


#	Compound	Area	RT
1	ETHANOL	356	1.061
2	n-PROPANOL	2054	1.803

Totals:



ETHANOL 0.040 g/100mL



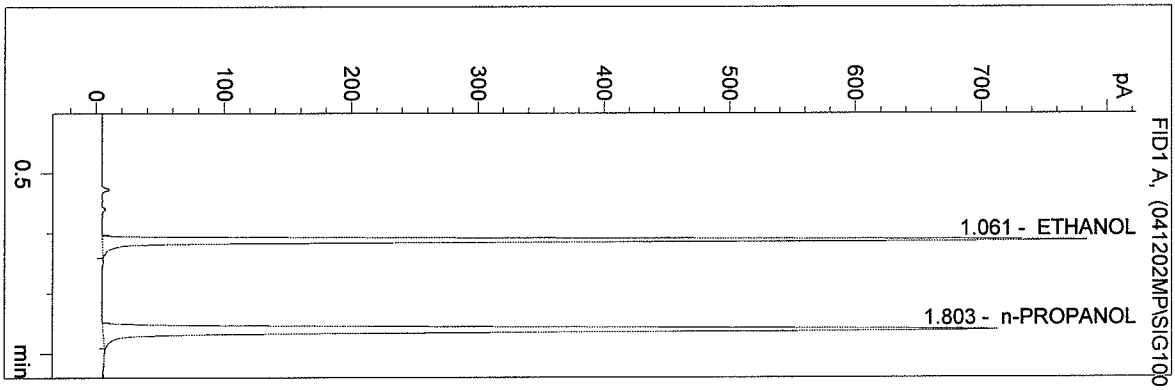
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:50:21 AM
Instrument 3
DB-ALC2

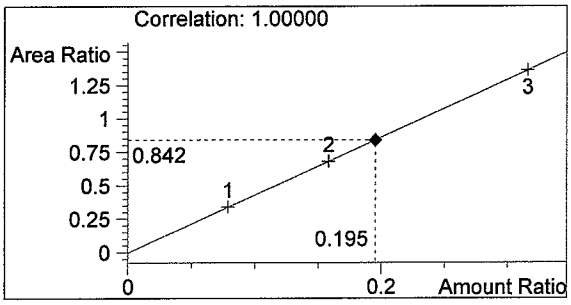
0.20 control
M PEMBERTON

vial # 10

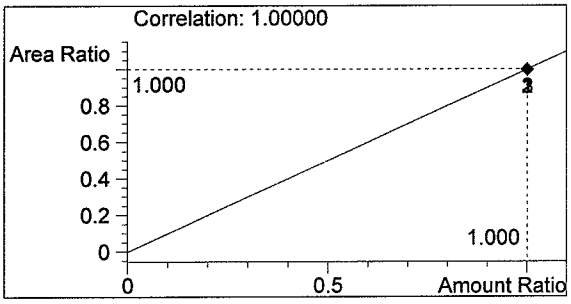


#	Compound	Area	RT
1	ETHANOL	1700	1.061
2	n-PROPANOL	2020	1.803

Totals:



ETHANOL 0.195 g/100mL



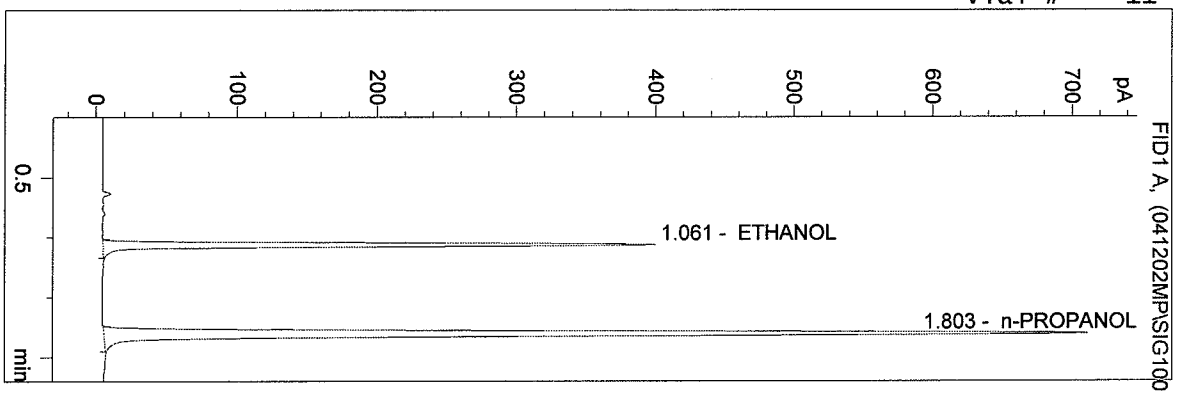
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:53:28 AM
Instrument 3
DB-ALC2

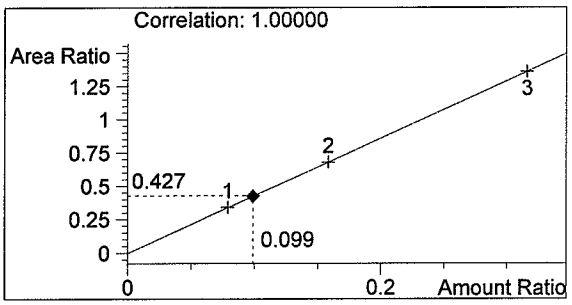
0.10 control
M PEMBERTON

vial # 11

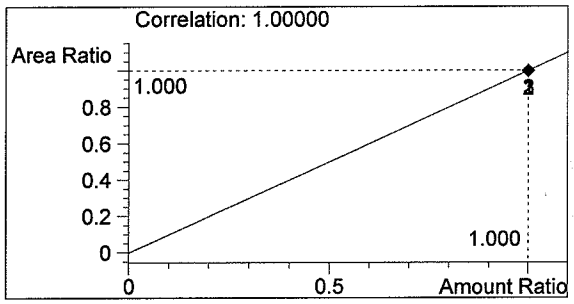


#	Compound	Area	RT
1	ETHANOL	860	1.061
2	n-PROPANOL	2014	1.803

Totals:



ETHANOL 0.099 g/100mL



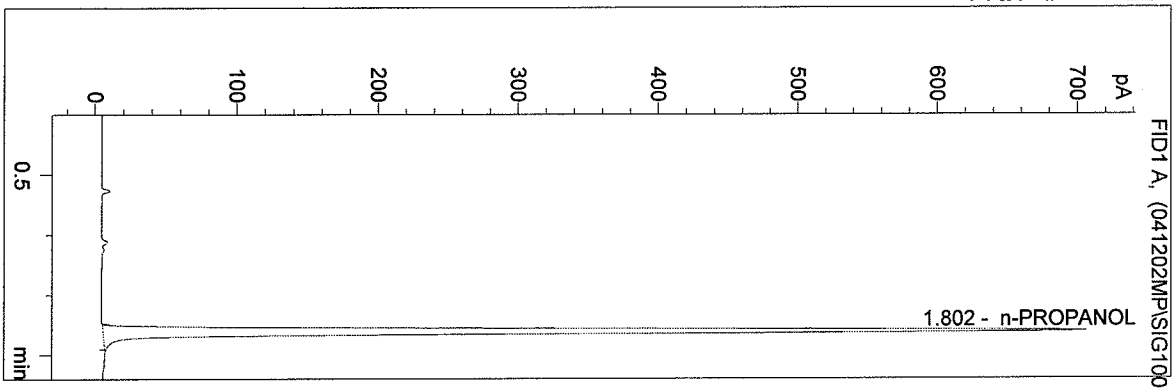
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/2/04 8:56:34 AM
Instrument 3
DB-ALC2

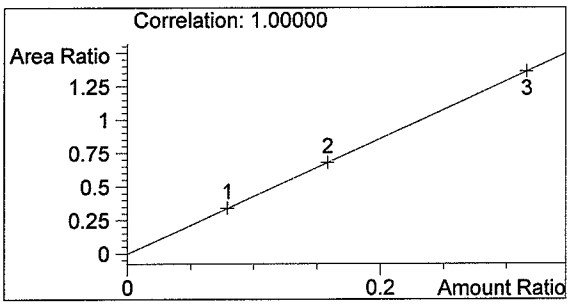
blk
M PEMBERTON

vial # 12

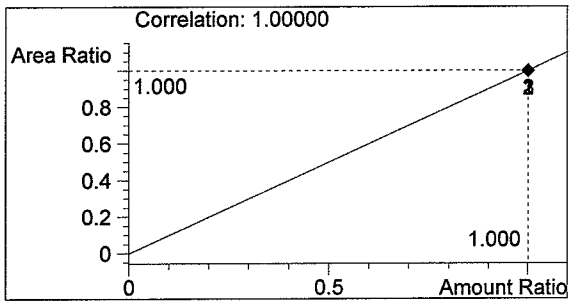


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2000	1.802

Totals:



ETHANOL 0.000 g/100mL



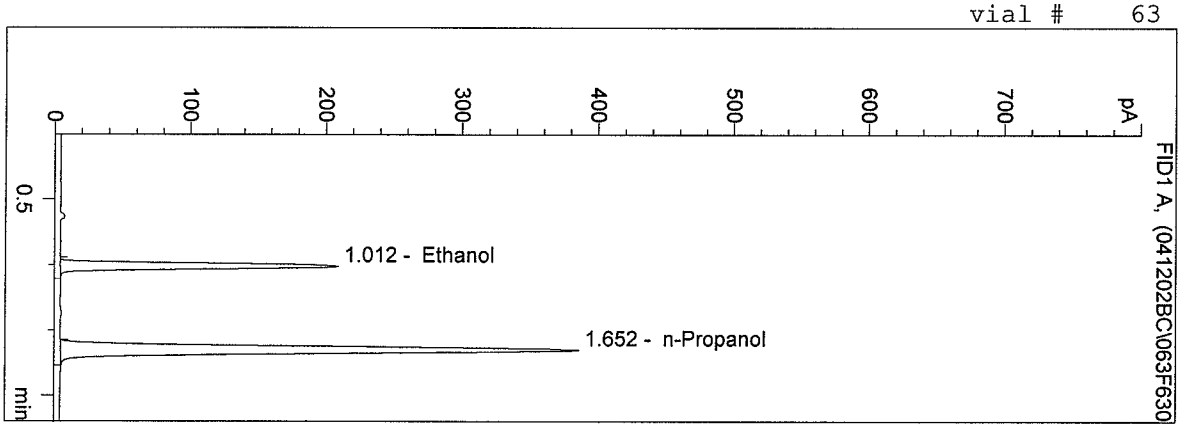
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/2/2004 3:46:37 PM
Instrument 4
DB-ALC1

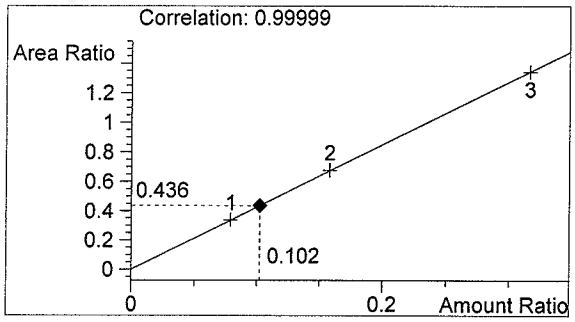
04041
bcapron

vial # 63

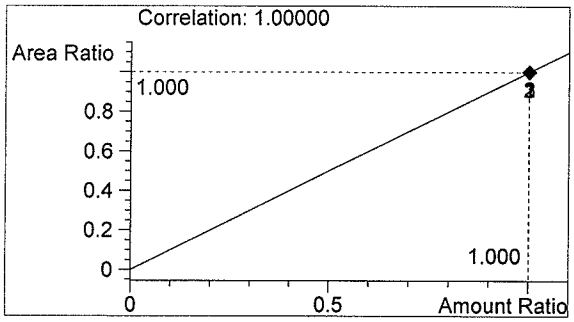


#	Compound	Area	RT
1	Ethanol	595	1.012
2	n-Propanol	1365	1.652

Totals:



Ethanol 0.102 g/100ml



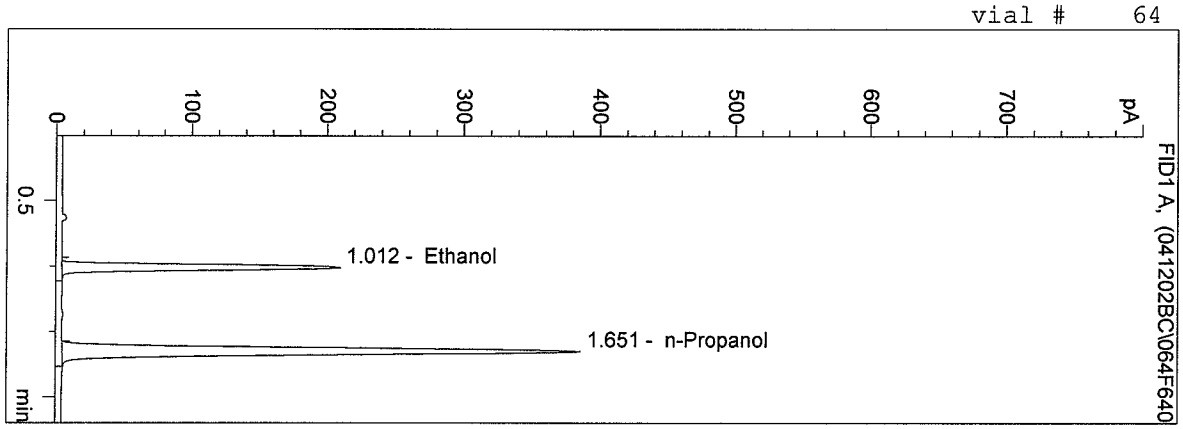
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/2/2004 3:49:48 PM
Instrument 4
DB-ALC1

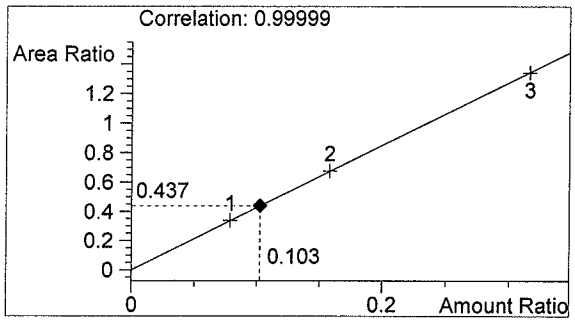
04041
bcapron

vial # 64

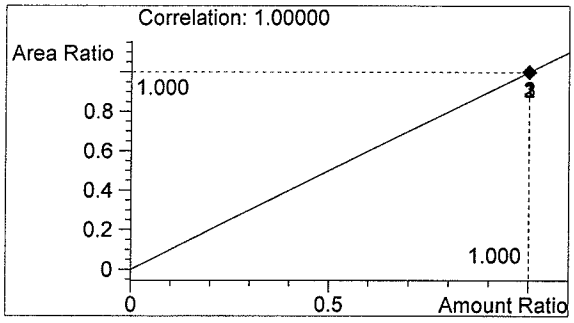


#	Compound	Area	RT
1	Ethanol	596	1.012
2	n-Propanol	1365	1.651

Totals:



Ethanol 0.103 g/100ml



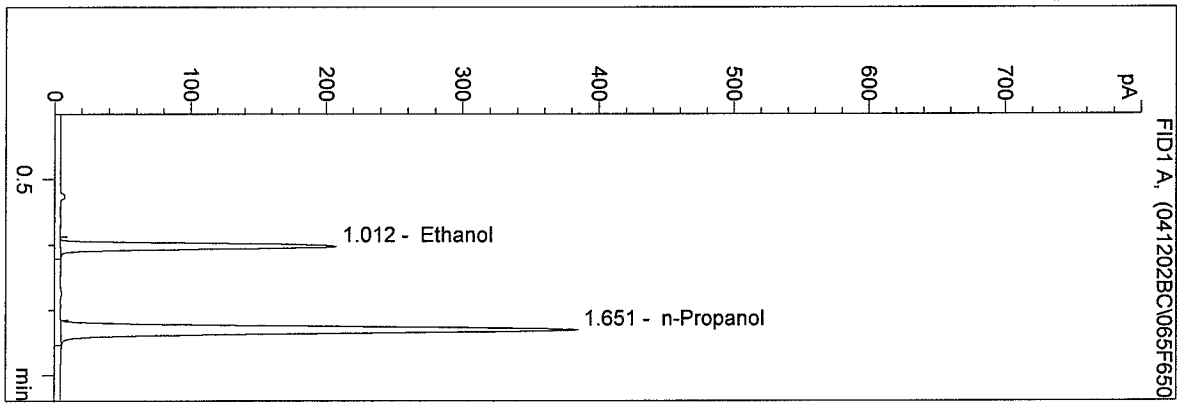
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/2/2004 3:52:56 PM
Instrument 4
DB-ALC1

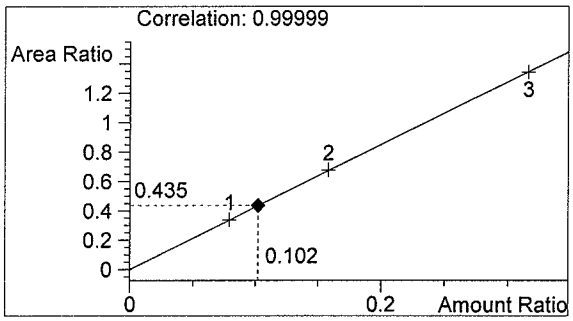
04041
bcapron

vial # 65

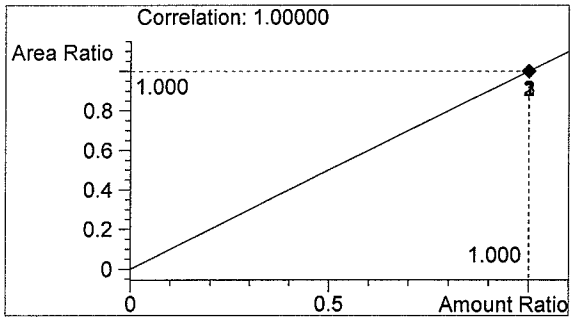


#	Compound	Area	RT
1	Ethanol	591	1.012
2	n-Propanol	1359	1.651

Totals:



Ethanol 0.102 g/100ml

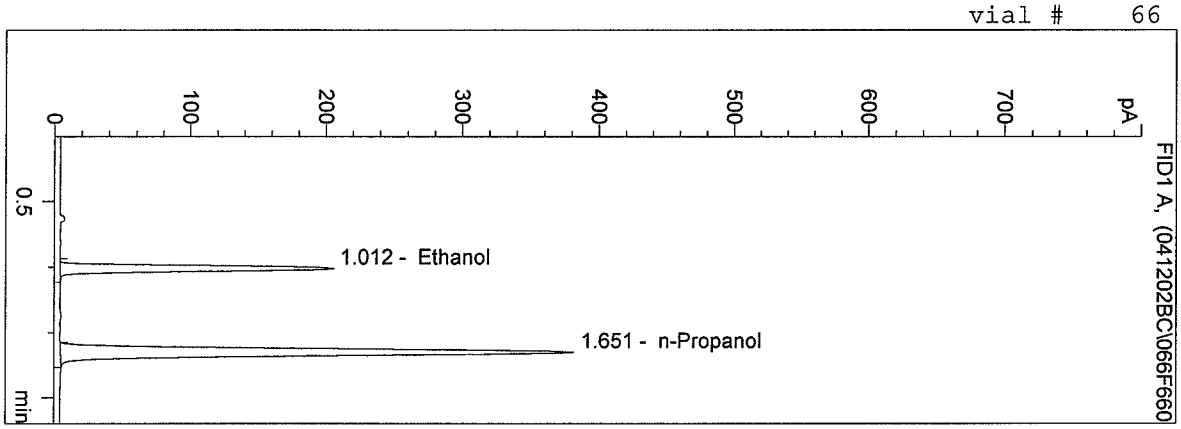


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

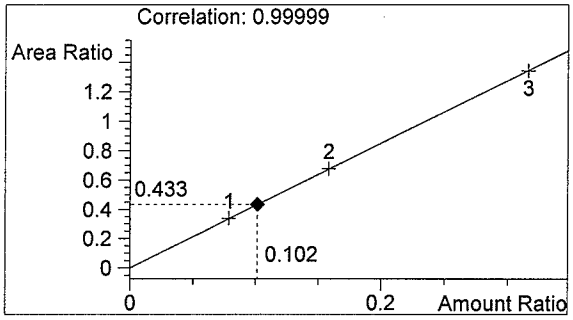
D:\HPCHEM\1\METHODS\BLDALCO.M
12/2/2004 3:56:04 PM 04041
Instrument 4 bcapron
DB-ALC1

vial # 66

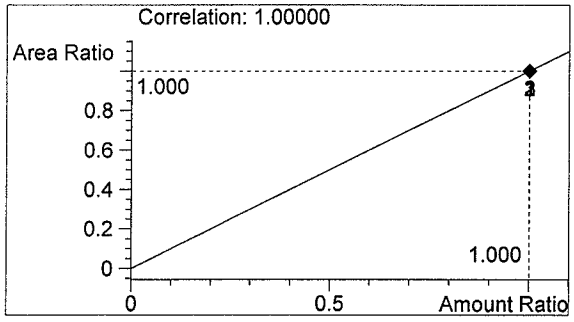


#	Compound	Area	RT
1	Ethanol	585	1.012
2	n-Propanol	1351	1.651

Totals:



Ethanol 0.102 g/100ml

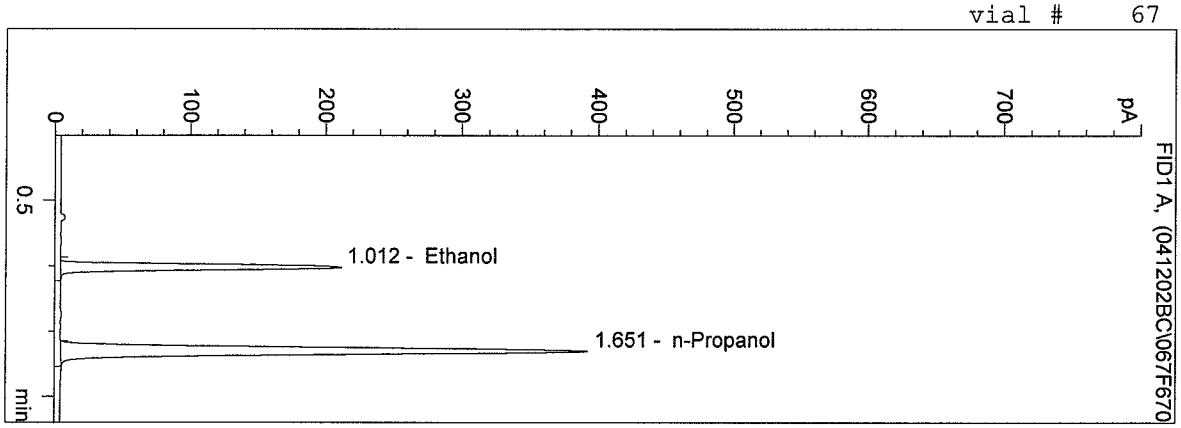


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

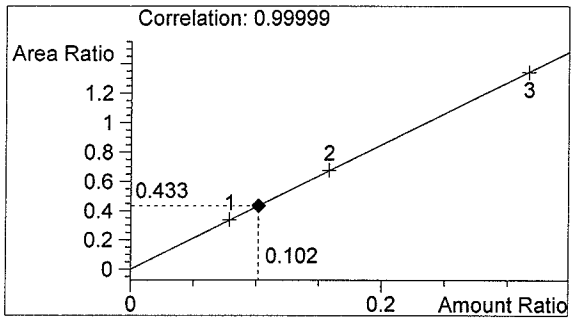
D:\HPCHEM\1\METHODS\BLDALCO.M
12/2/2004 3:59:11 PM 04041
Instrument 4 bcapron
DB-ALC1

vial # 67

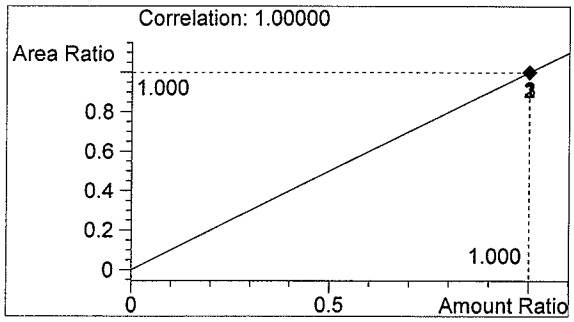


#	Compound	Area	RT
1	Ethanol	603	1.012
2	n-Propanol	1392	1.651

Totals:



Ethanol 0.102 g/100ml



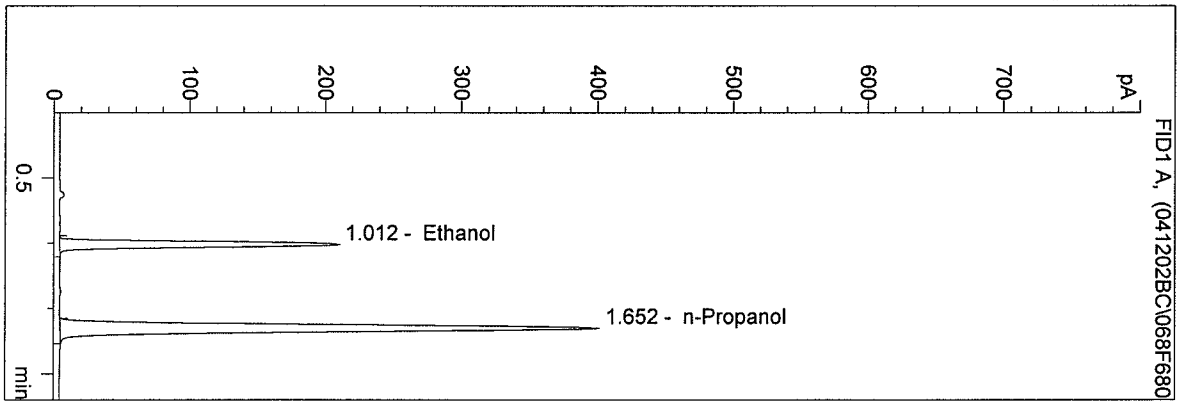
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/2/2004 4:02:26 PM
Instrument 4
DB-ALC1

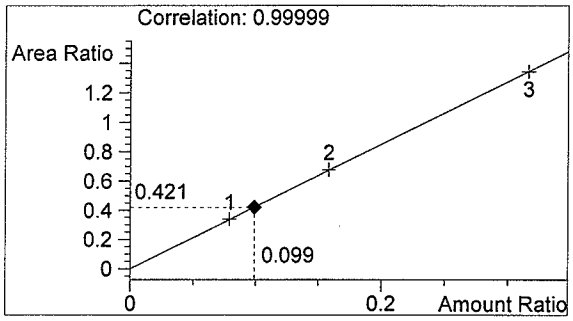
0.10 control
bcapron

vial # 68

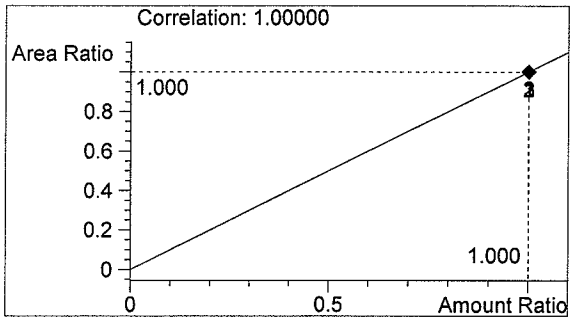


#	Compound	Area	RT
1	Ethanol	599	1.012
2	n-Propanol	1422	1.652

Totals:



Ethanol 0.099 g/100ml



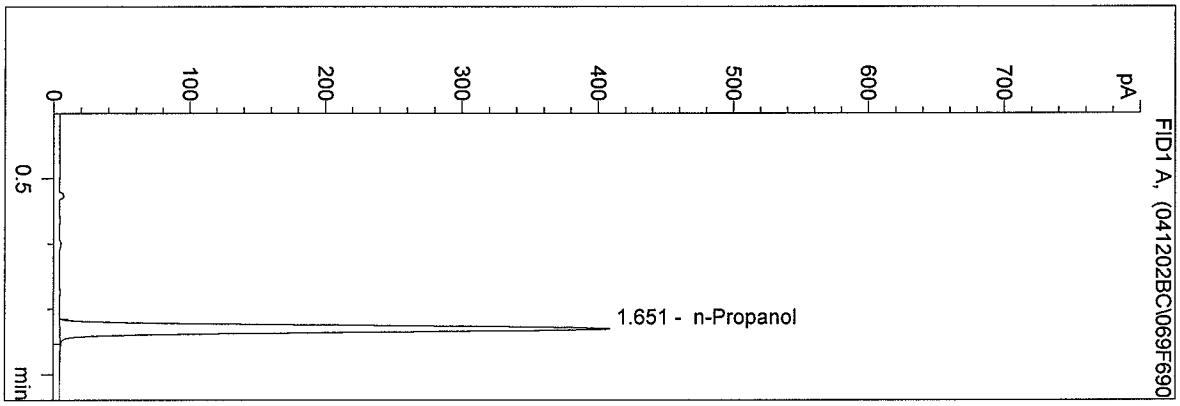
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/2/2004 4:05:40 PM
Instrument 4
DB-ALC1

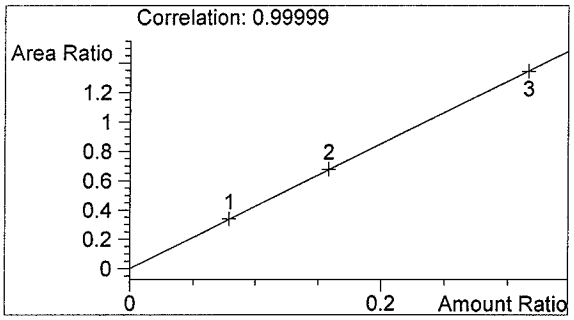
blank
bcapron

vial # 69

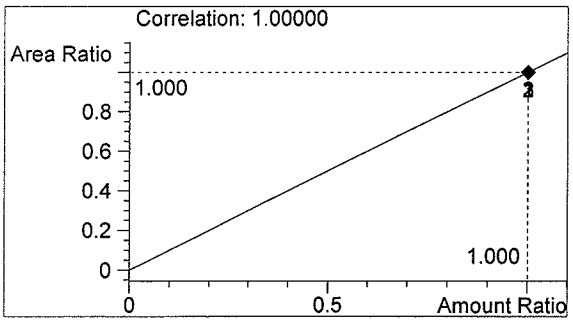


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1453	1.651

Totals:



Ethanol 0.000 g/100ml



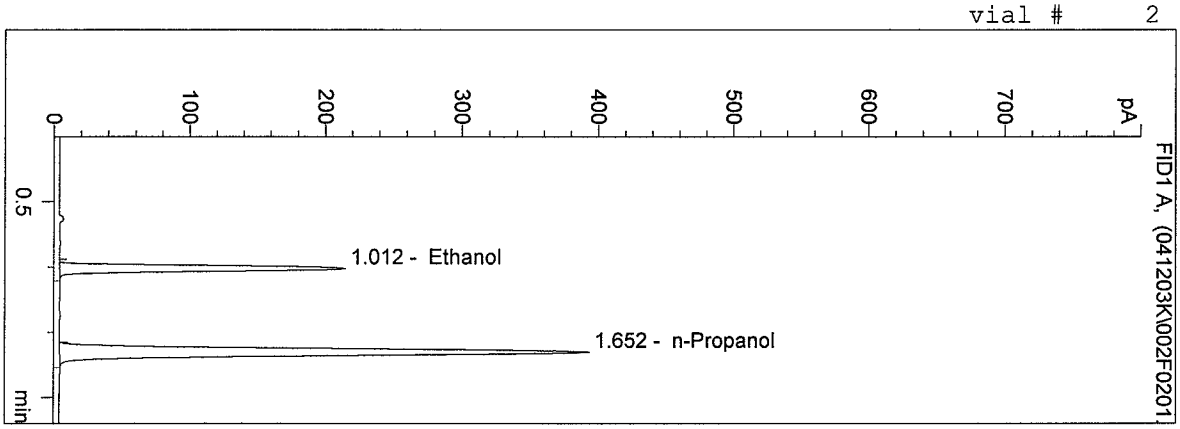
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/3/2004 3:15:58 PM
Instrument 4
DB-ALC1

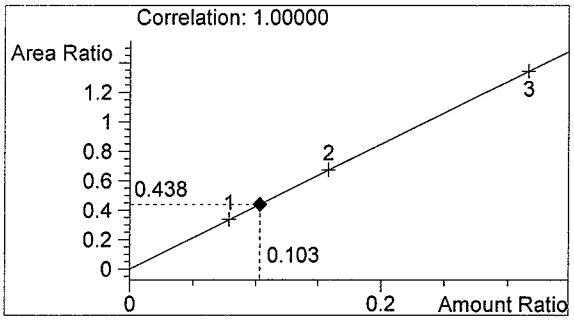
SIM 04041 #1
Kari Gruendell

vial # 2

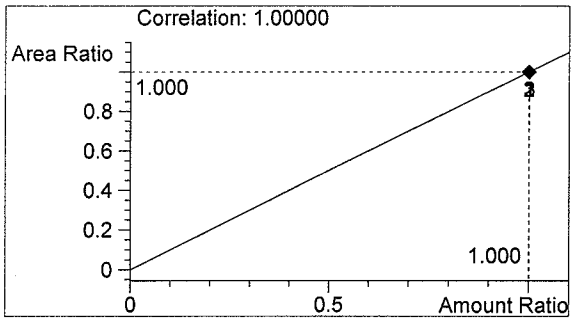


#	Compound	Area	RT
1	Ethanol	608	1.012
2	n-Propanol	1389	1.652

Totals:



Ethanol 0.103 g/100ml



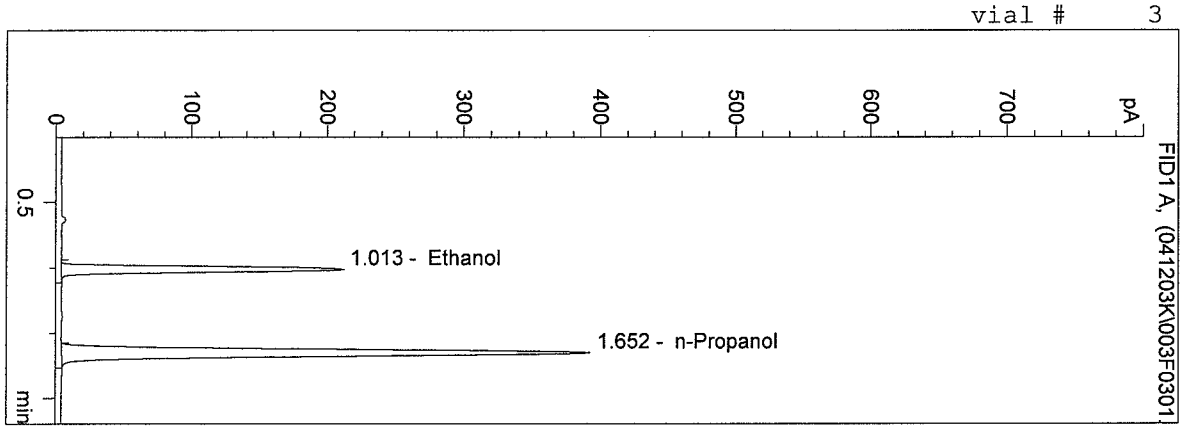
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/3/2004 3:19:10 PM
Instrument 4
DB-ALC1

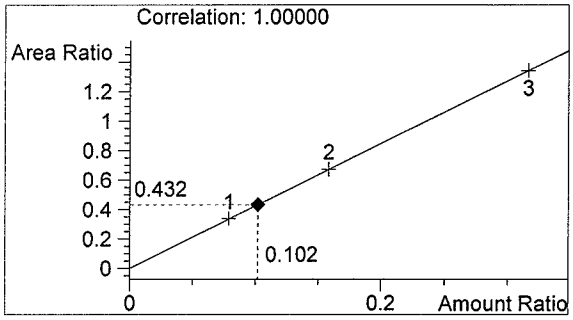
SIM 04041 #2
Kari Gruendell

vial # 3

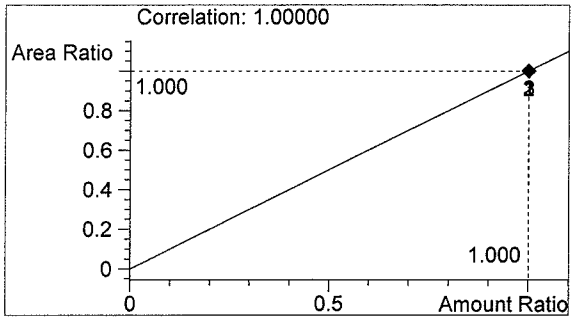


#	Compound	Area	RT
1	Ethanol	599	1.013
2	n-Propanol	1387	1.652

Totals:



Ethanol 0.102 g/100ml



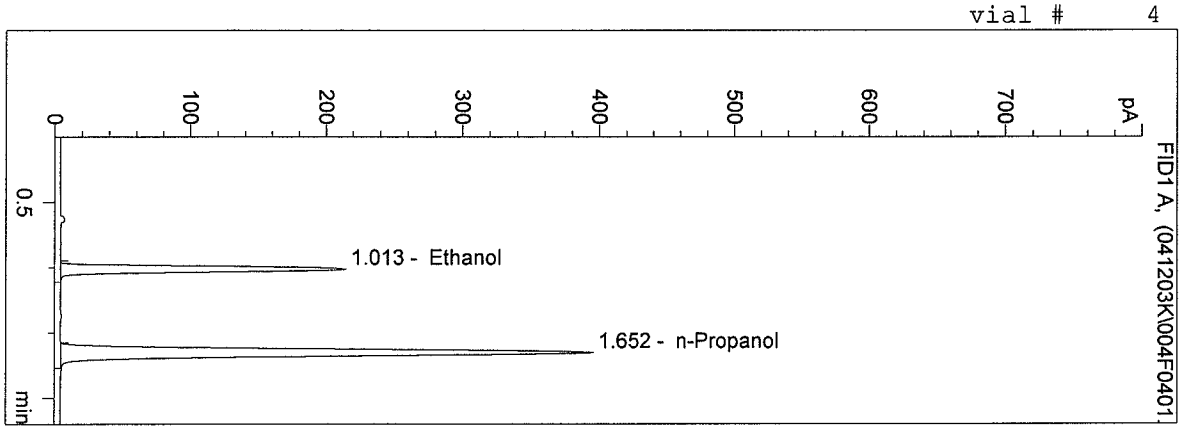
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/3/2004 3:22:20 PM
Instrument 4
DB-ALC1

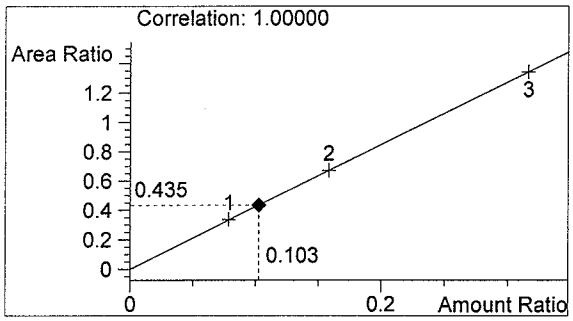
SIM 04041 #3
Kari Gruendell

vial # 4

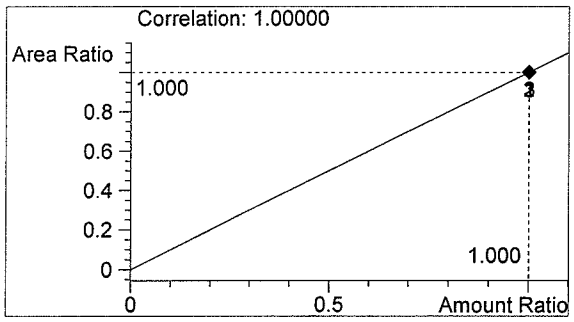


#	Compound	Area	RT
1	Ethanol	608	1.013
2	n-Propanol	1398	1.652

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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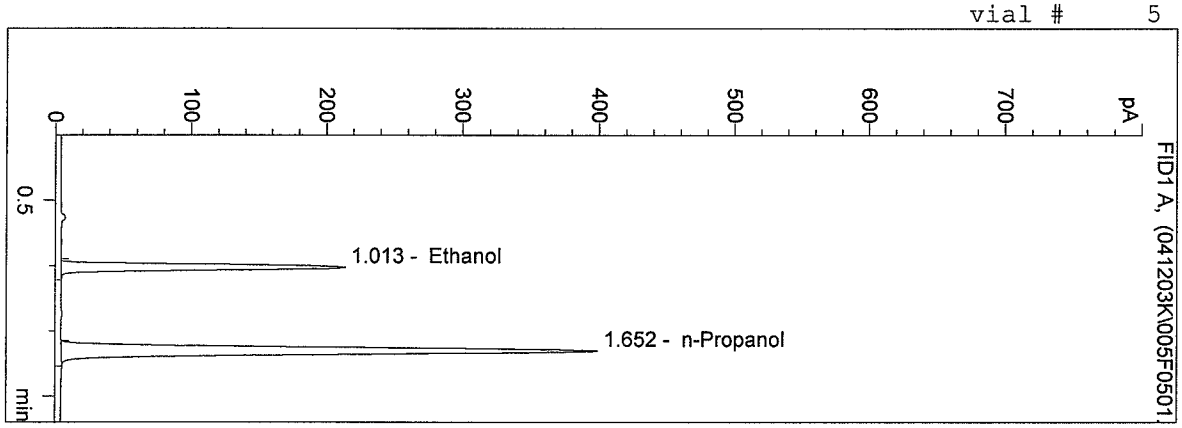
12/3/2004 3:25:29 PM
Instrument 4
DB-ALC1

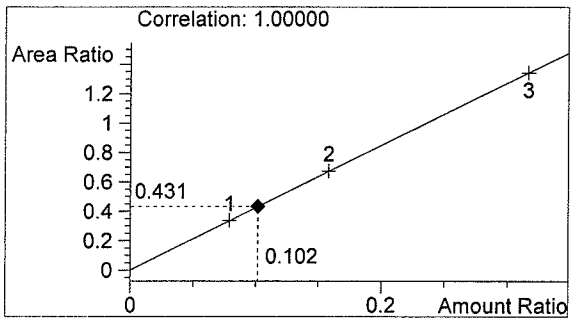
SIM 04041 #4
Kari Gruendell

vial # 5

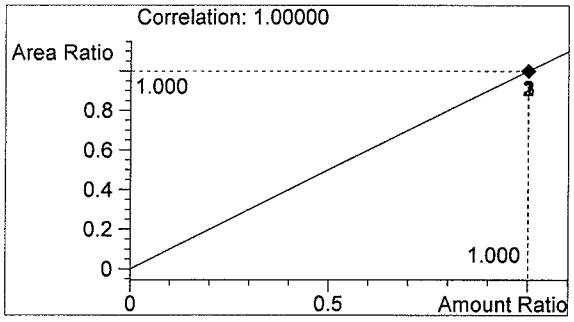


#	Compound	Area	RT
1	Ethanol	609	1.013
2	n-Propanol	1412	1.652

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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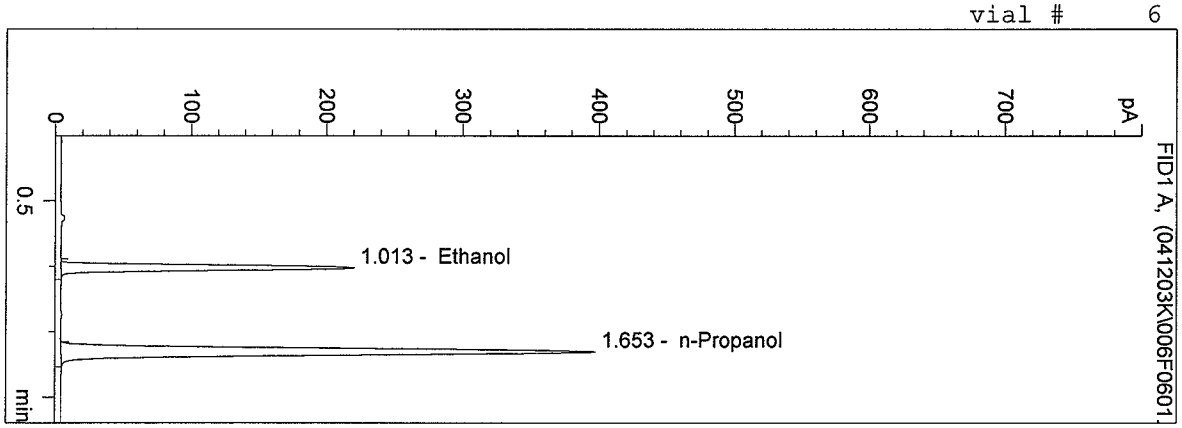
Instrument 4
DB-ALC1

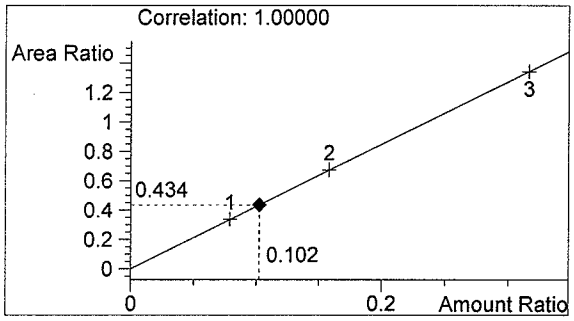
SIM 04041 #5
Kari Gruendell

vial # 6

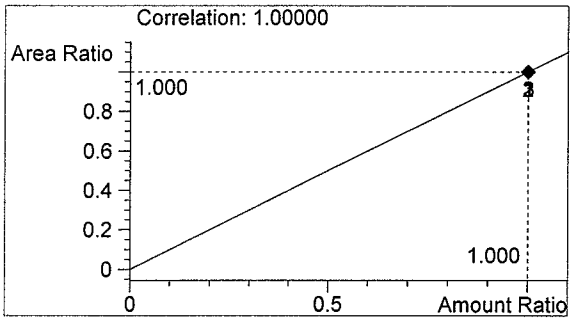


#	Compound	Area	RT
1	Ethanol	595	1.013
2	n-Propanol	1372	1.653

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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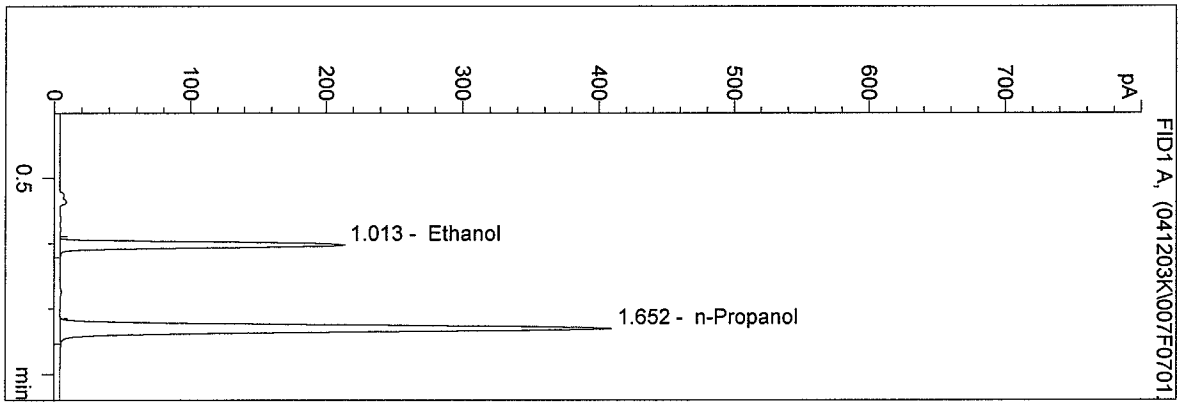
Instrument 4
DB-ALC1

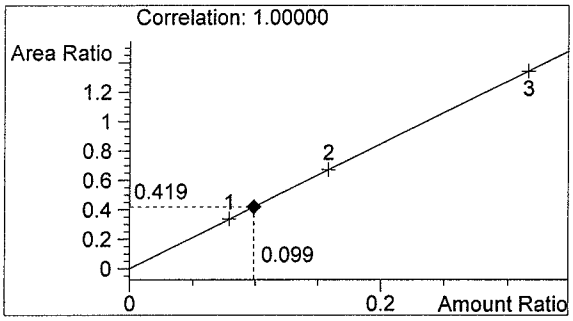
0.10 CONTROL
Kari Gruendell

vial # 7

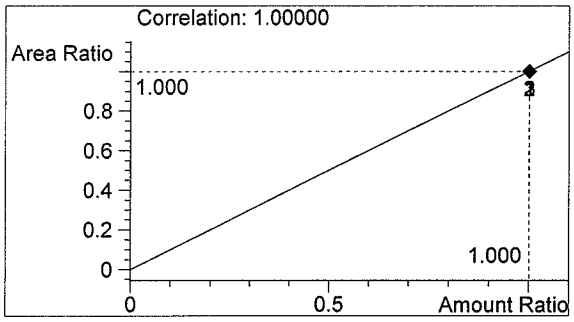


#	Compound	Area	RT
1	Ethanol	607	1.013
2	n-Propanol	1449	1.652

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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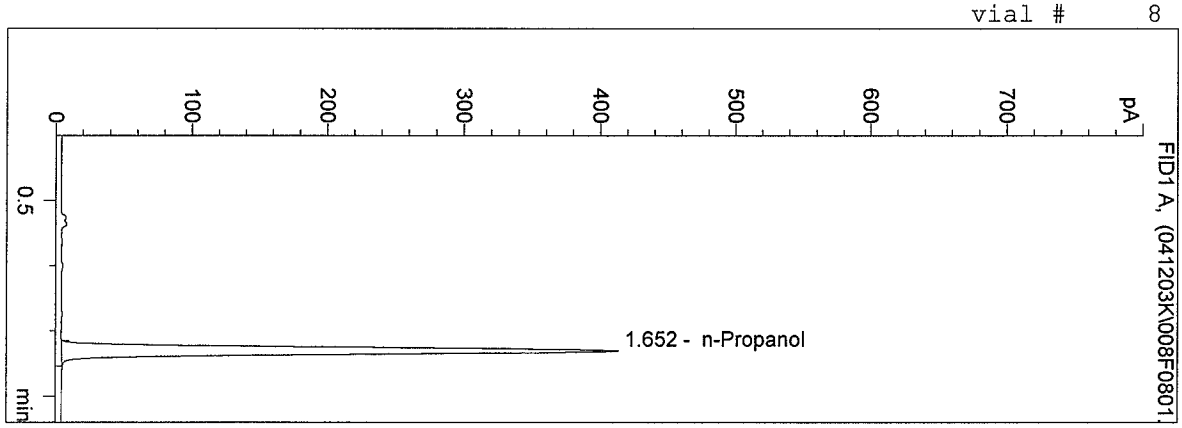
Instrument 4
DB-ALC1

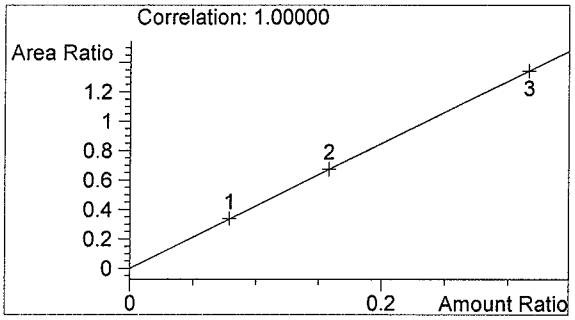
BLANK
Kari Gruendell

vial # 8

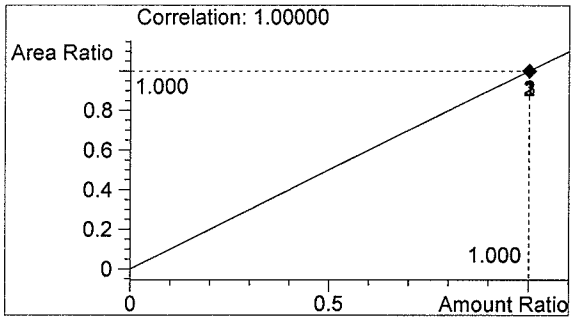


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1463	1.652

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml