## *Notice of Simulator Solution File Review*

At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution data entry form along with a file review record and the chromatograms generated by the Toxicology Laboratory during the analyses of the solutions. This file has been reviewed by Tpr. Ken Denton and Mr. Rod Gullberg for accuracy and completeness. Where computations regarding simulator solution values have been found to be incorrect, the corrected values have been written in by Mr. Rod Gullberg along with initials and date. The corrected values were then evaluated to ensure that the solution still conformed to those standards established by the State Toxicologist.

Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear on their original affidavit along with a statement regarding their review of the results.

Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.

K.L. D 10/10/2007

Tpr. Ken Denton Date

R G Gullberg 10-10-07

Rod G. Gullberg Date

## *Washington State Toxicology Laboratory*

## *Simulator Solution Data Entry Review Form*

Reviewer KEN DRENTON / ROB GILLESPIE Date 10-1-07

Location TOX LAB SEATTLE Batch Number 06049

### *Form Review Criteria*

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

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

All signatures present: Okay X Not Okay ___

**Computations:**

Avg. solution concentration: Correct ___ Not Correct X

Standard deviation: Correct ___ Not Correct X

Range: Correct ___ Not Correct X

Precision: Correct ___ Not Correct X

Equivalent vapor concent.: Correct ___ Not Correct X

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

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

Corrections Necessary:
CONTROL VALUE FOR AS A LOUIS INCORRECT
CHROMATOGRAMS FOR NAZIHA SHOULD BE LINES OUT

Comments:

Reviewer Signature: R. L. Gillespie Date: 10-1-07

Reviewer Signature: K.L. Date: 10/1/2007

9/26/2007

**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 **06049** Date: 12/5/2006

Preparation: 66.5 mL of absolute ethyl alcohol diluted to 52 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 | Anal 13 | Anal14 | Anal 15 | Anal 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.102 | 0.099 | 0.100 | 0.100 | 0.103 | 0.100 | 0.108 | 0.108 | 0.099 | 0.101 | 0.102 | 0.101 | 0.102 | 0.099 | | |
| 2 | 0.102 | 0.101 | 0.100 | 0.101 | 0.103 | 0.101 | 0.108 | 0.108 | 0.100 | 0.102 | 0.103 | 0.102 | 0.102 | 0.101 | | |
| 3 | 0.102 | 0.102 | 0.100 | 0.101 | 0.103 | 0.102 | 0.108 | 0.108 | 0.100 | 0.102 | 0.103 | 0.102 | 0.102 | 0.101 | | |
| 4 | 0.102 | 0.102 | 0.101 | 0.101 | 0.102 | 0.101 | 0.107 | 0.108 | 0.100 | 0.102 | 0.103 | 0.102 | 0.102 | 0.101 | | |
| 5 | 0.102 | 0.101 | 0.100 | 0.101 | 0.103 | 0.101 | 0.108 | 0.107 | 0.101 | 0.102 | 0.103 | 0.101 | 0.102 | 0.101 | | |
| Ctrl | 0.099 | 0.098 | 0.099 | 0.098 | 0.102 | ~~0.100~~ 0.099 | 0.106 | 0.106 | 0.098 | 0.100 | 0.100 | 0.099 | 0.100 | 0.101 | | |

RJ 10-5-07

**External Control:**
Lot #: A041837 Exp date: 4/2010
Target concentration: 0.10 g/100mL

RJ 10-5-07

**Equivalent vapor concent.:** ~~0.0833~~ 0.0832 g/210L

**Statistics:**
Avg. solution concent.: ~~0.1025~~ 0.1023 g/100 mL
SD: ~~0.00262~~ 0.00247 0.0949
Range (3xSD): ~~0.0946~~ 0.1097 to ~~0.1104~~ 0.1097
Precision CV (%): ~~2.5581~~ 2.4137 %

RJ 10-5-07

| Analyst | Name | Signature | Date |
|---|---|---|---|
| 1 | Brianne Akins | Brianne E Akins | 12/05/2006 |
| 2 | Lisa Piquette | Lisa Piquette | 12/06/2006 |
| 3 | Sarah Swenson | [illegible] | 12/06/2006 |
| 4 | Justin L Knoy | [illegible] | 12/07/2006 |
| 5 | Christopher S Johnston | [illegible] | 12/07/2006 |
| 6 | Asa Louis | [illegible] | 12/07/2006 |
| 7 | Edward Formoso | [illegible] | 12/11/2006 |
| 8 | Ann Marie Gordon | [illegible] | 12/11/2006 |
| 9 | Estuardo Miranda | [illegible] | 12/11/2006 |
| 10 | Naziha Nuwayhid, PhD | [illegible] | 12/14/2006 |
| 11 | Paige Long | [illegible] | 12/11/2006 |
| 12 | Kelly Gross | [illegible] | 12/17/2006 |
| 13 | Brian Capron | [illegible] | 12/21/2006 |
| 14 | Melissa Pemberton | Melissa L Pemberton | 12/26/2006 |
| 15 | | | |
| 16 | | | |

Prepared by: Brianne Akins according to the approved protocol

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 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 DataMaster breath test instrument.

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

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/jr
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.

10-10-07

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 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 alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: B.S. degree in Biochemistry and eight years of toxicology experience.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/jr
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. 2007 OCT 10

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Brianne E. Akins, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Brianne E. Akins
Brianne E. Akins
Forensic Toxicologist

BEA/jr
BLSIMSOL

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.

Brianne E. Akins 10-507

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE TOXICOLOGY LABORATORY
*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Lisa R. Piquette, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry, and two years laboratory experience in formulation chemistry.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Lisa R. Piquette
Forensic Toxicologist

LRP/jr
LPSIMSOL

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.

Lisa Noble 10/8/07

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

I possess the following qualifications: BS degree in Chemistry and over three years of experience in forensic toxicology.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Sarah Swenson
Forensic Toxicologist

SS/jr
SSSIMSOL

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

10/5/07

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Justin L. Knoy, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Justin L. Knoy
Forensic Toxicologist

JLK/jr
JKSIMSOL

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

10/5/07

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Christopher S. Johnston, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Christopher S. Johnston
Forensic Toxicologist

CSJ/jr
CJSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions. 10-10-07

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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# 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 alcohol solutions for the DataMaster breath test instrument.

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

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/jr
EFSIMSOL

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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# 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 alcohol solutions for the DataMaster breath test instrument.

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

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
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.

10-10-2007

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# 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 alcohol solutions for the DataMaster 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 six years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/jr

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

10/9/07

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, E. Paige Long, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

E. Paige Long
Forensic Toxicologist

EPL/jr
PLSIMSOL

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Kelly D. Gross, do certify under penalty of perjury that:

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

I possess the following qualifications: B.S. degree in Chemistry and fifteen years of forensic laboratory experience.

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Kelly D. Gross
Forensic Toxicologist

KDG/jr
KDGSIMSOL

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.

10052007

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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*2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145*

# 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 alcohol solutions for the DataMaster breath test instrument.

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

The simulator solution, Lot Number 06049, was prepared in the Washington State Toxicology Laboratory on 12/5/2006. 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 12/5/2007.

Dated: 2/5/2007
Seattle, WA

Brian Capron
Forensic Toxicologist

BC/jr
BCSIMSOL

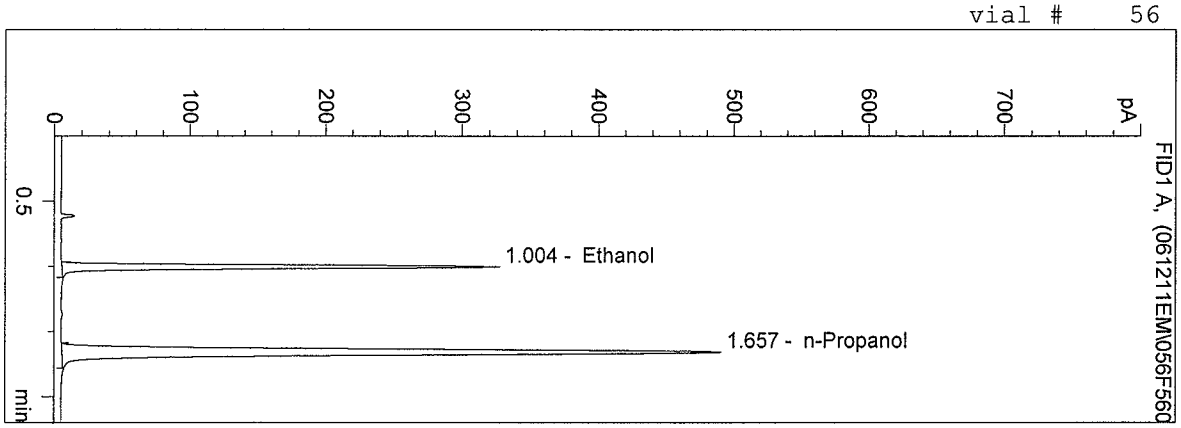
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions. Brian Capron 10-9-07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/11/2006 10:07:12 PM
Instrument 4
DB-ALC1

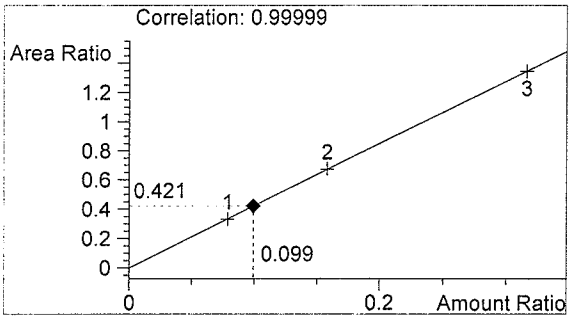
Sim Sol 06049-1
Estuardo J. Miranda

vial # 56

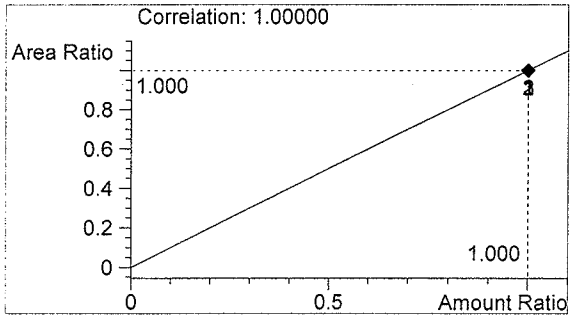



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 638 | 1.004 |
| 2 | n-Propanol | 1516 | 1.657 |

Totals:




Ethanol 0.099 g/100ml



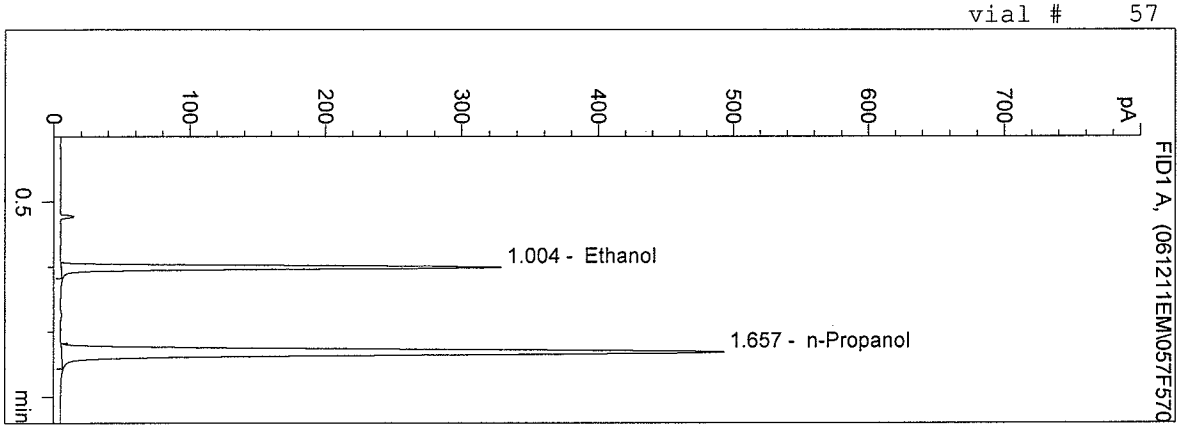

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/11/2006 10:10:25 PM
Instrument 4
DB-ALC1

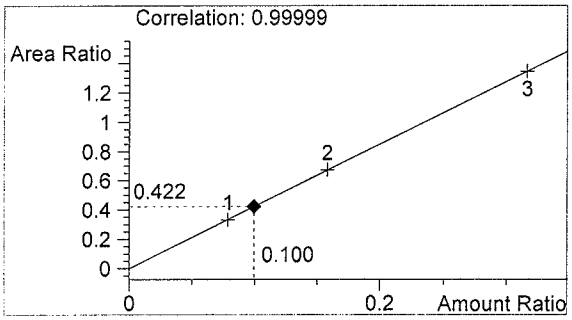
Sim Sol 06049-2
Estuardo J. Miranda

vial # 57

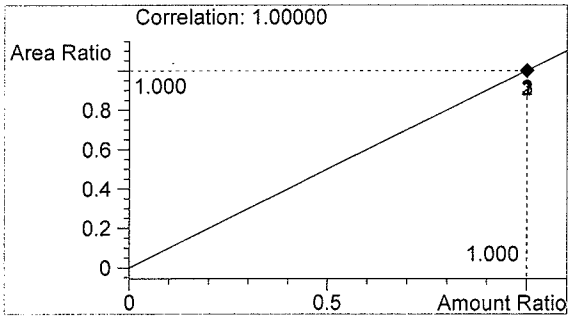



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 643 | 1.004 |
| 2 | n-Propanol | 1523 | 1.657 |

Totals:




Ethanol 0.100 g/100ml



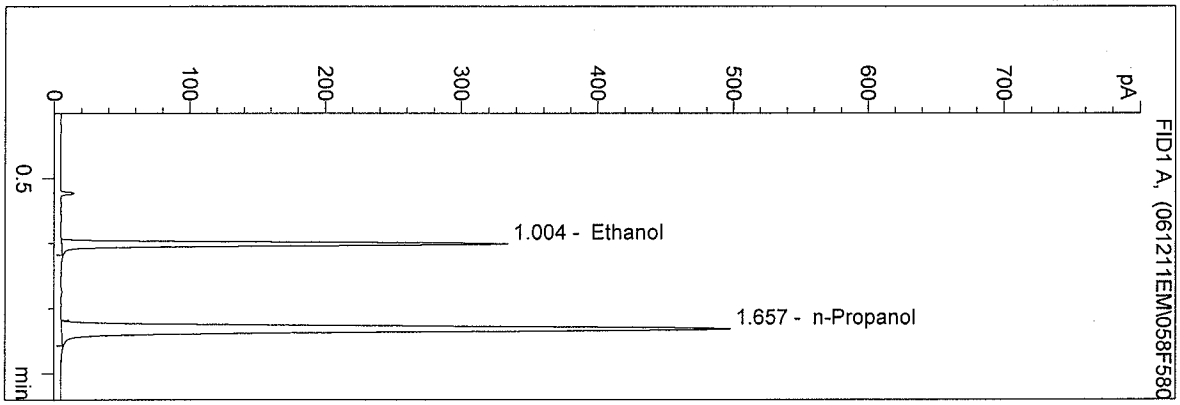

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/11/2006 10:13:37 PM
Instrument 4
DB-ALC1

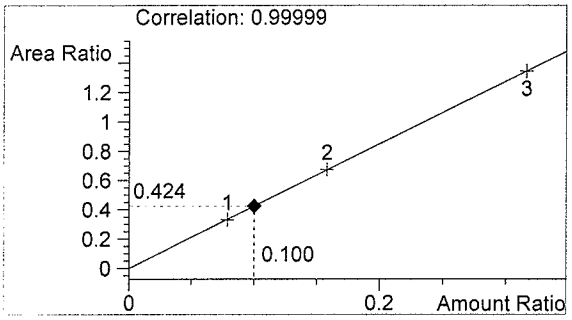
Sim Sol 06049-3
Estuardo J. Miranda

vial # 58

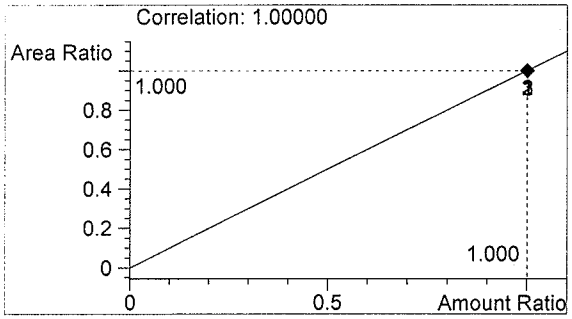



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 652 | 1.004 |
| 2 | n-Propanol | 1538 | 1.657 |

Totals:




Ethanol 0.100 g/100ml



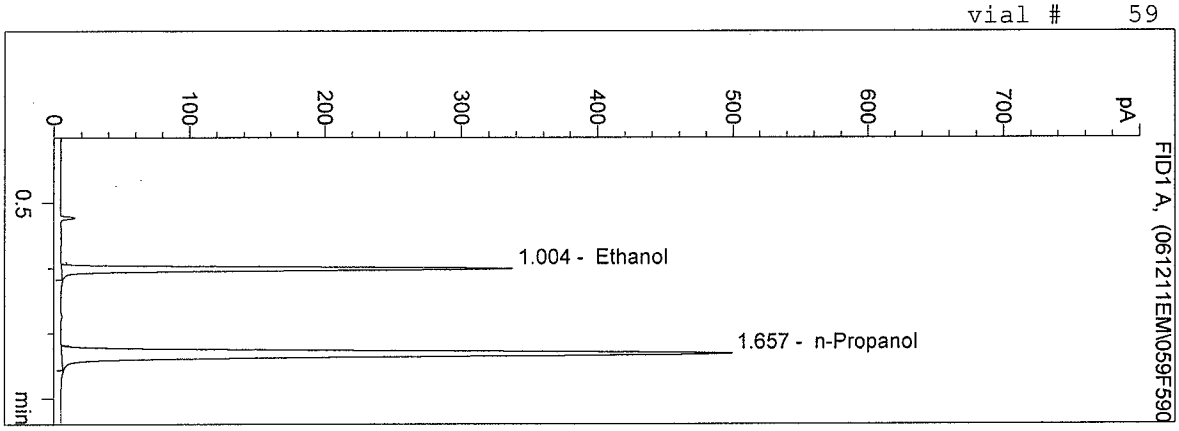

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/11/2006 10:16:48 PM
Instrument 4
DB-ALC1

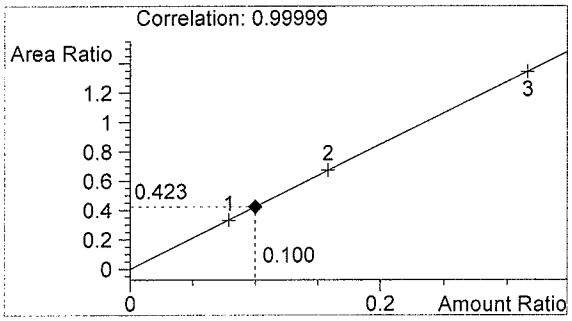
Sim Sol 06049-4
Estuardo J. Miranda

vial # 59

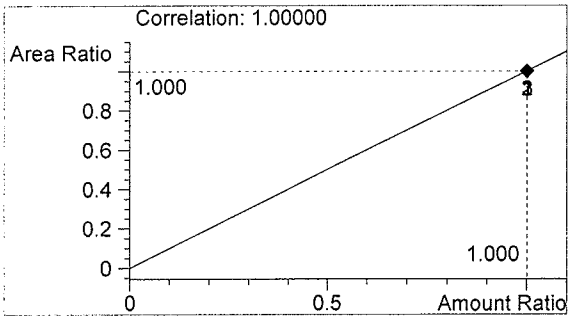



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 649 | 1.004 |
| 2 | n-Propanol | 1534 | 1.657 |

Totals:




Ethanol 0.100 g/100ml



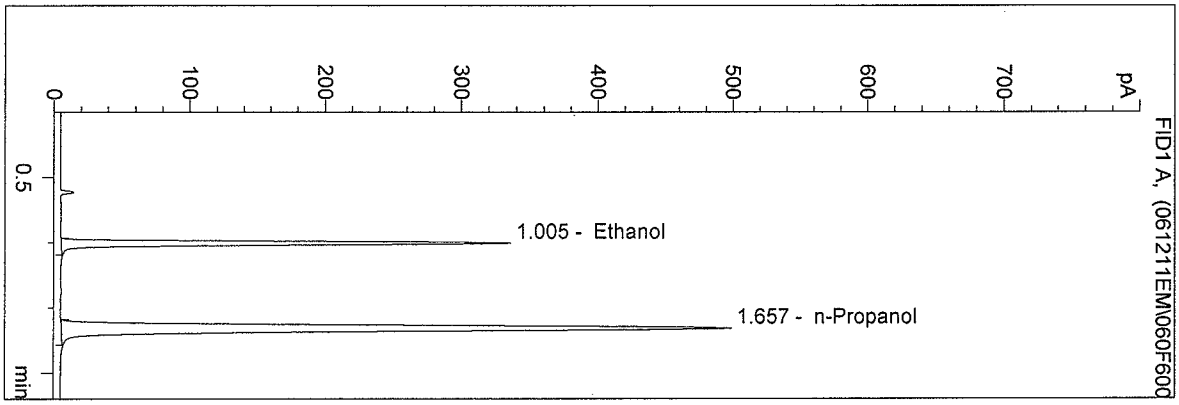

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/11/2006 10:20:15 PM
Instrument 4
DB-ALC1

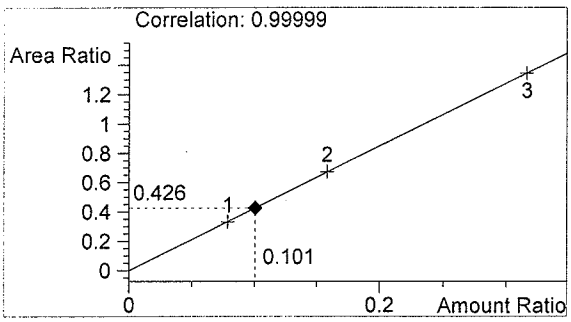
Sim Sol 06049-5
Estuardo J. Miranda

vial # 60

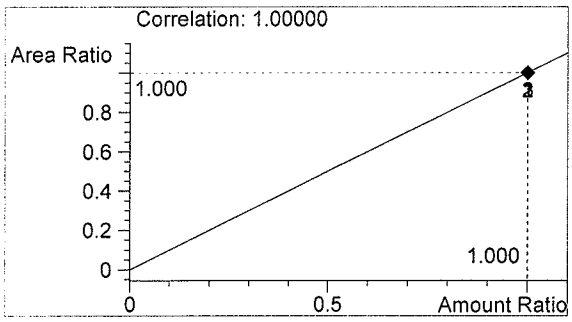



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 657 | 1.005 |
| 2 | n-Propanol | 1541 | 1.657 |

Totals:




Ethanol 0.101 g/100ml



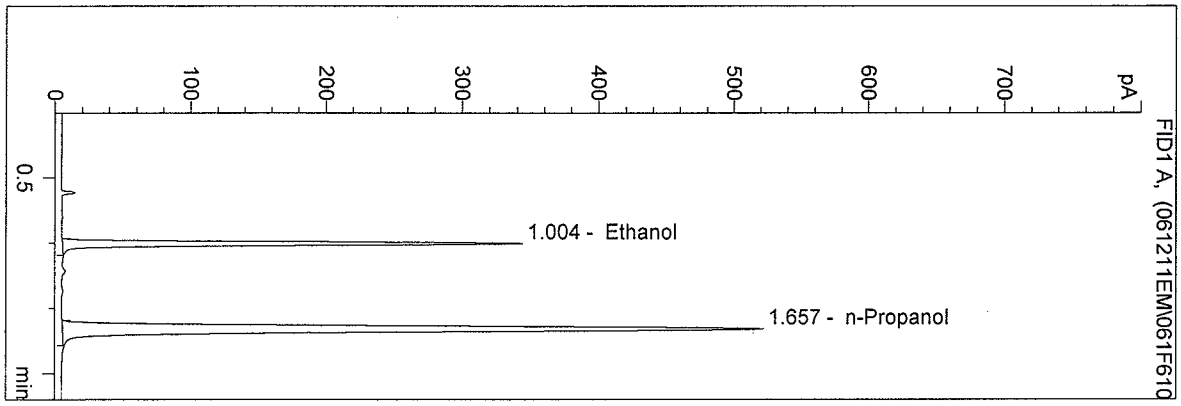

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/11/2006 10:23:31 PM
Instrument 4
DB-ALC1

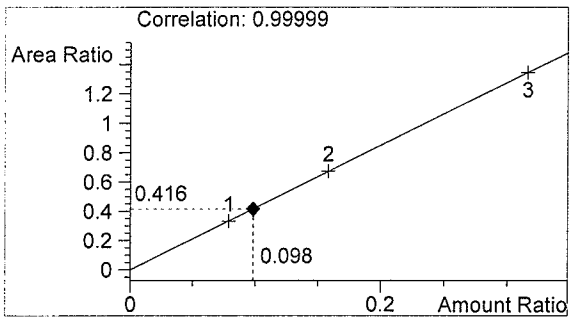
0.100 EM Control
Estuardo J. Miranda

vial # 61

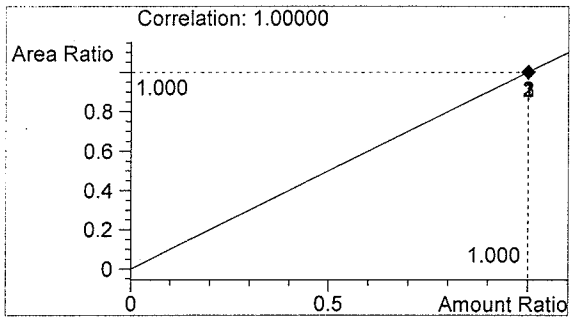



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 669 | 1.004 |
| 2 | n-Propanol | 1609 | 1.657 |

Totals:




Ethanol 0.098 g/100ml



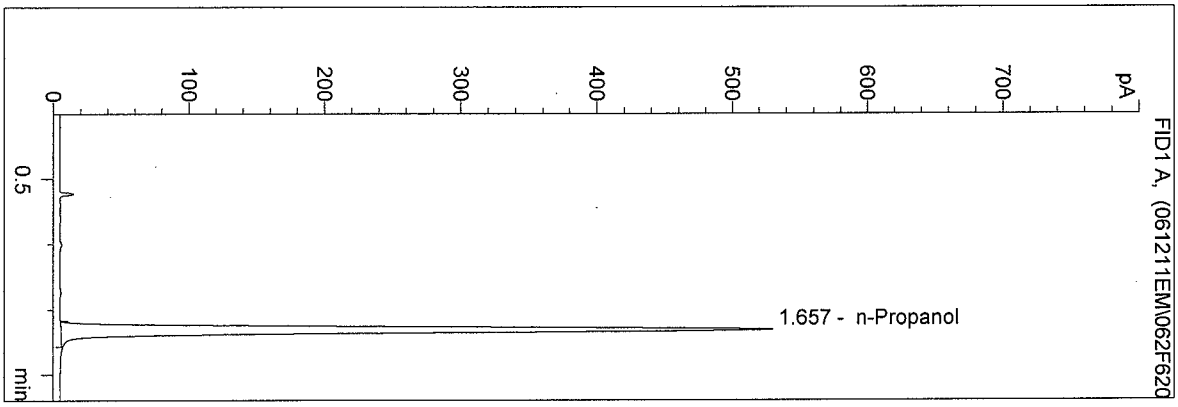

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/11/2006 10:26:48 PM
Instrument 4
DB-ALC1

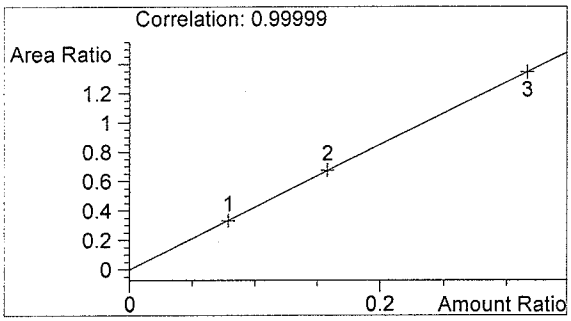
BLANK
Estuardo J. Miranda

vial # 62

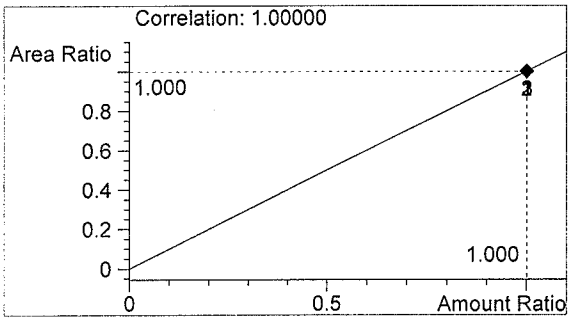



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1636 | 1.657 |

Totals:




Ethanol 0.000 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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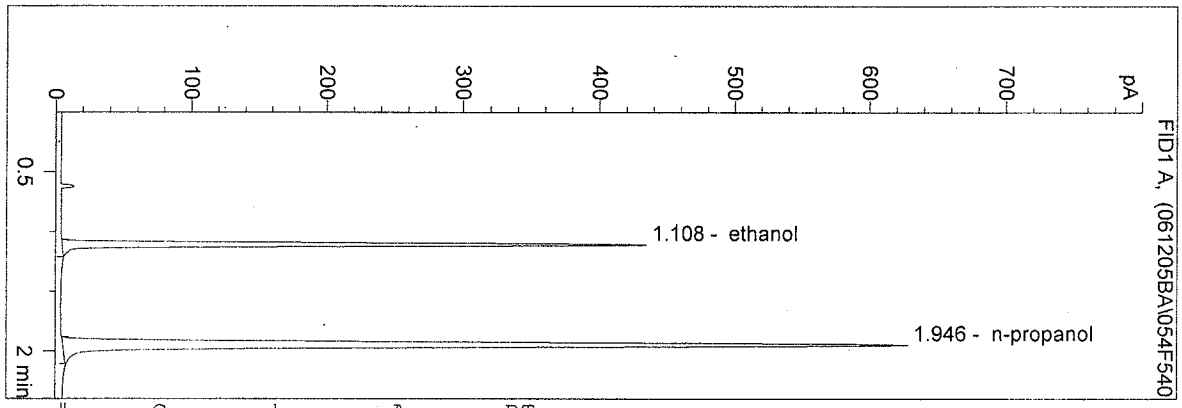
12/5/2006 5:58:37 PM
Instrument 5
DB-ALC2

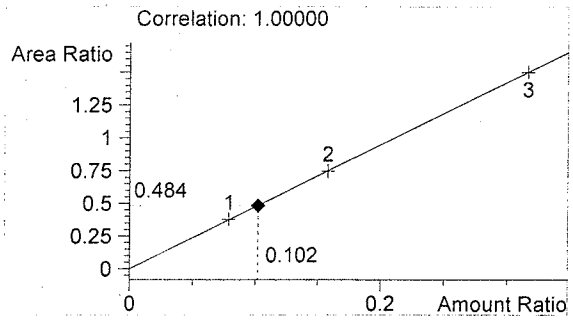
SS 06049 A
Brianne E. Akins

vial # 54

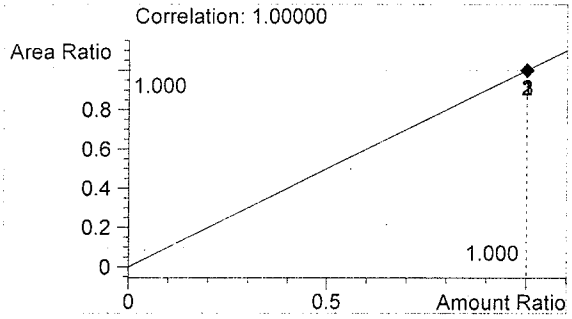



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 889 | 1.108 |
| 2 | n-propanol | 1837 | 1.946 |

Totals:




ethanol 0.102 g/100ml



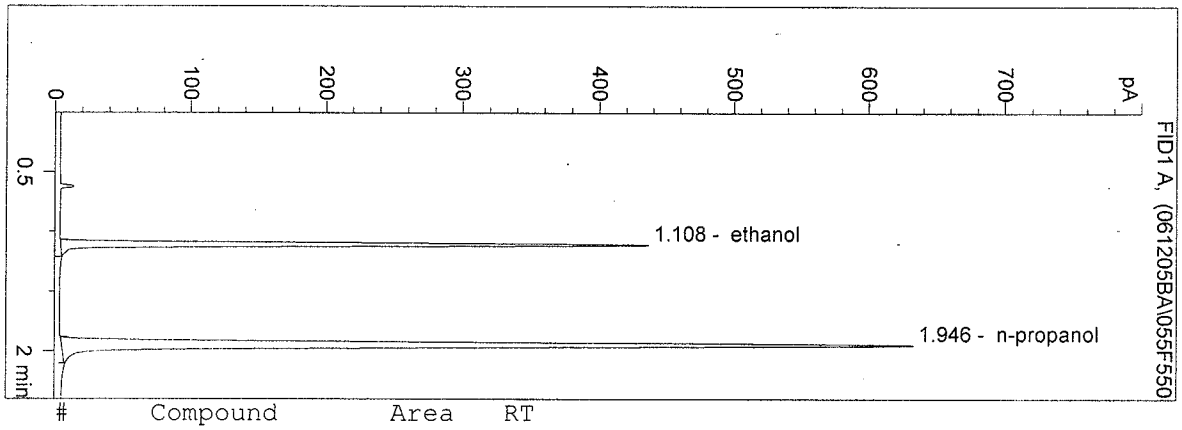

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/5/2006 6:03:18 PM
Instrument 5
DB-ALC2

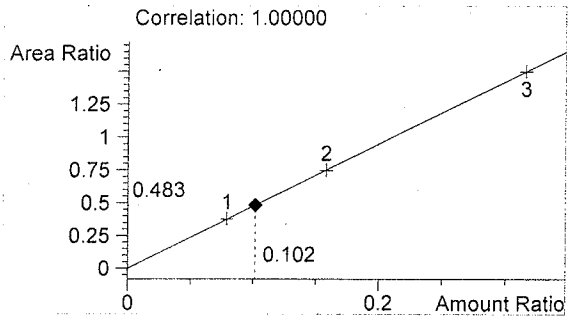
SS 06049 B
Brianne E. Akins

vial # 55

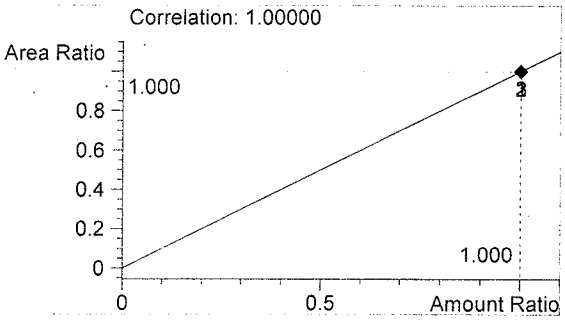



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 893 | 1.108 |
| 2 | n-propanol | 1849 | 1.946 |

Totals:




ethanol 0.102 g/100ml



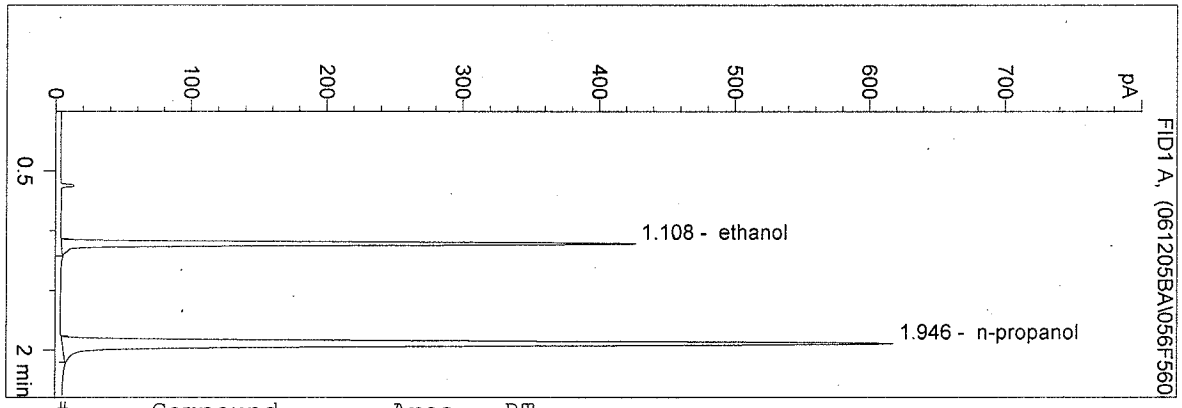

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/5/2006 6:06:56 PM
Instrument 5
DB-ALC2

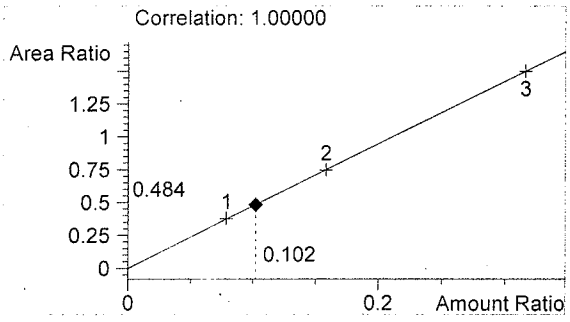
SS 06049 C
Brianne E. Akins

vial # 56

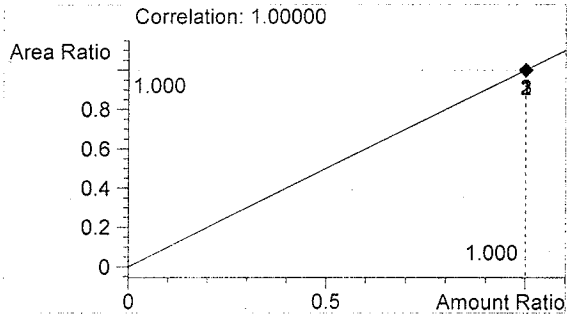



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 874 | 1.108 |
| 2 | n-propanol | 1807 | 1.946 |

Totals:




ethanol 0.102 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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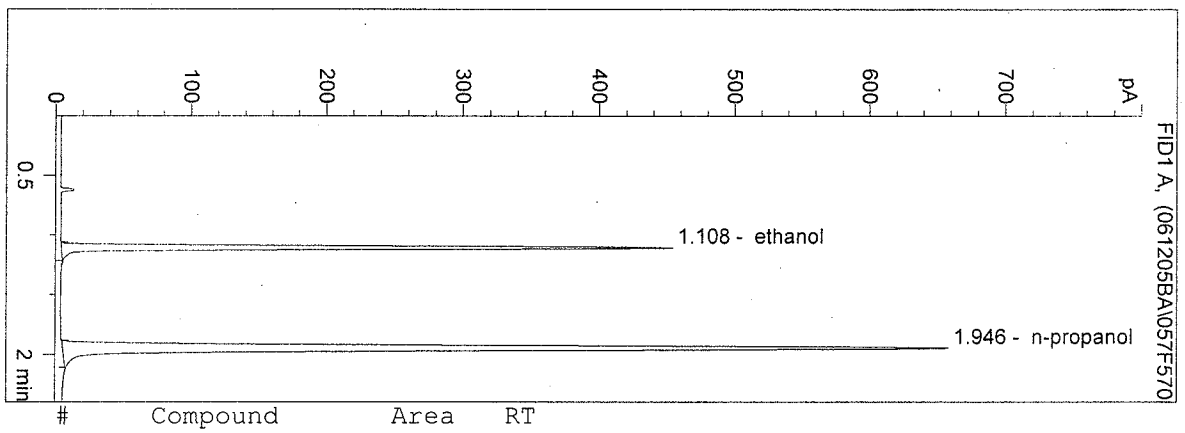
12/5/2006 6:10:33 PM
Instrument 5
DB-ALC2

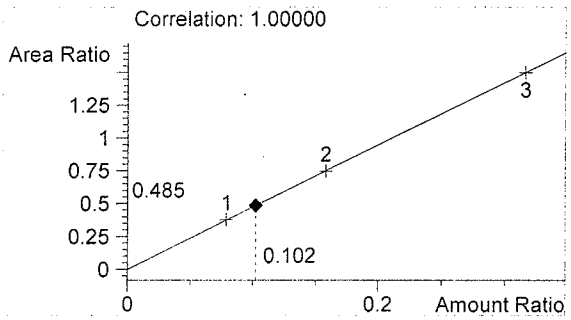
SS 06049 D
Brianne E. Akins

vial # 57

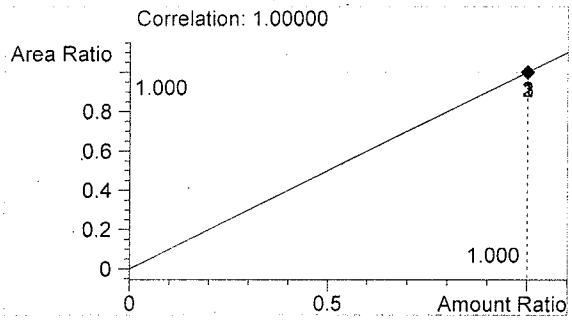



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 932 | 1.108 |
| 2 | n-propanol | 1920 | 1.946 |

Totals:




ethanol 0.102 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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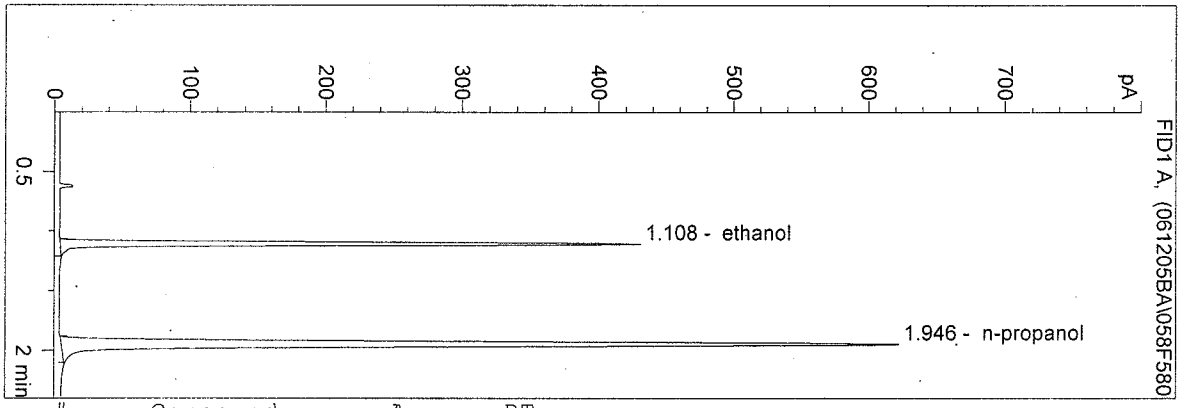
12/5/2006 6:15:08 PM
Instrument 5
DB-ALC2

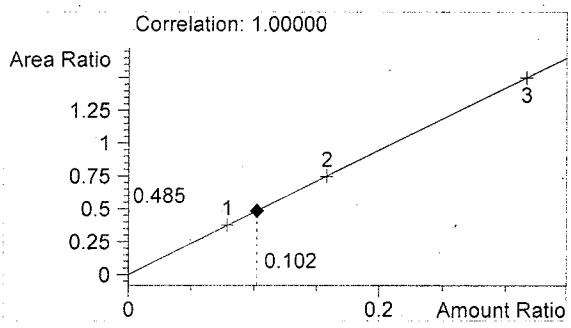
SS 06049 E
Brianne E. Akins

vial # 58

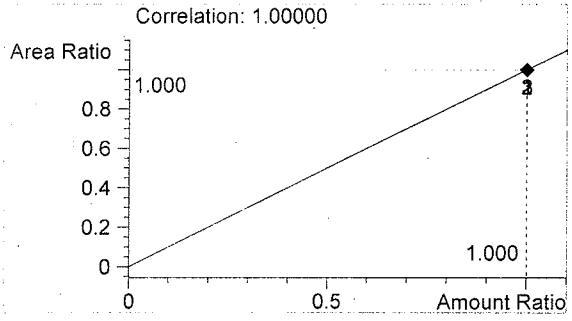



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 881 | 1.108 |
| 2 | n-propanol | 1816 | 1.946 |

Totals:




ethanol 0.102 g/100ml



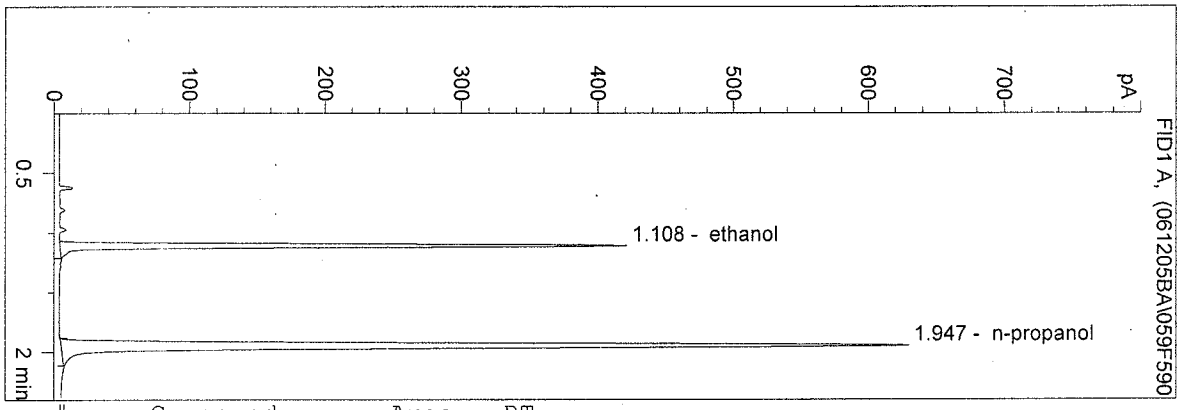

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/5/2006 6:18:49 PM
Instrument 5
DB-ALC2

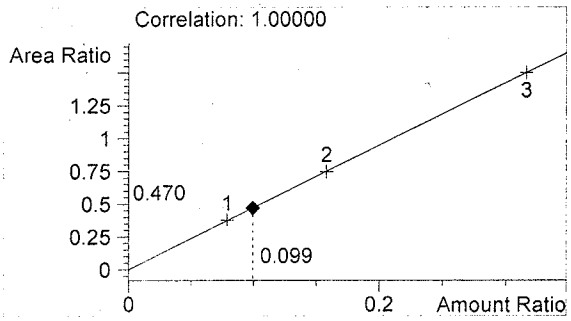
0.10 CONTROL-BA
Brianne E. Akins

vial # 59

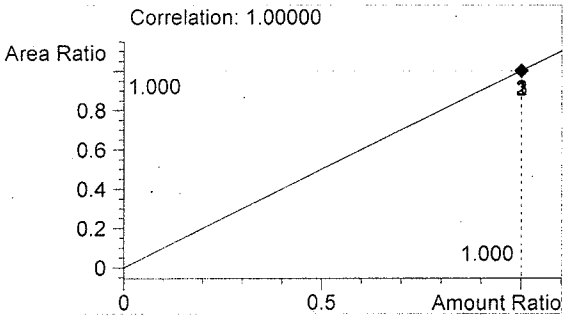



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 867 | 1.108 |
| 2 | n-propanol | 1846 | 1.947 |

Totals:




ethanol 0.099 g/100ml



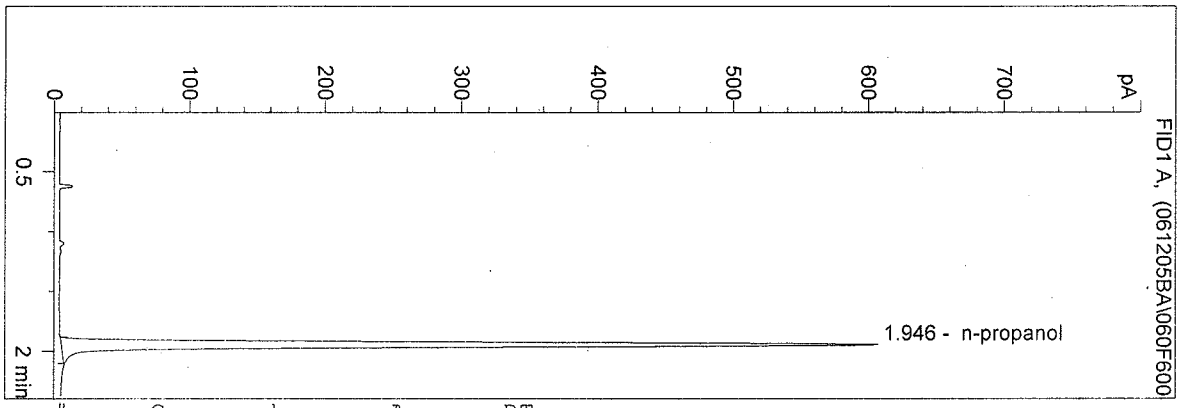

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/5/2006 6:22:24 PM
Instrument 5
DB-ALC2

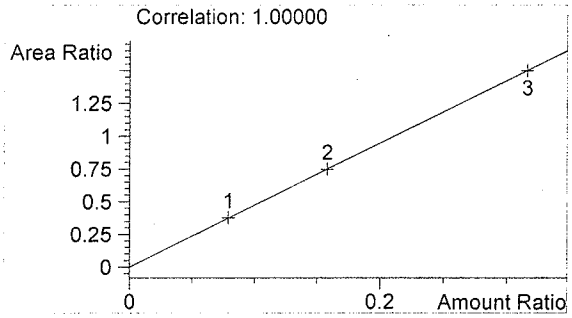
BLANK
Brianne E. Akins

vial # 60

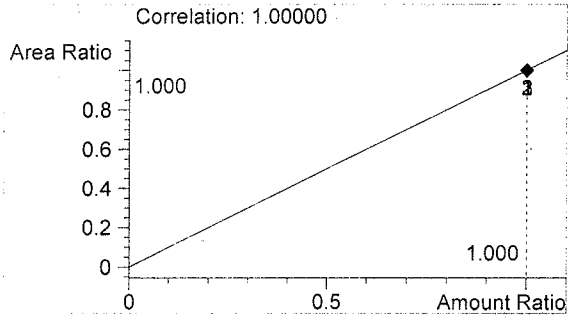



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1777 | 1.946 |

Totals:




ethanol 0.000 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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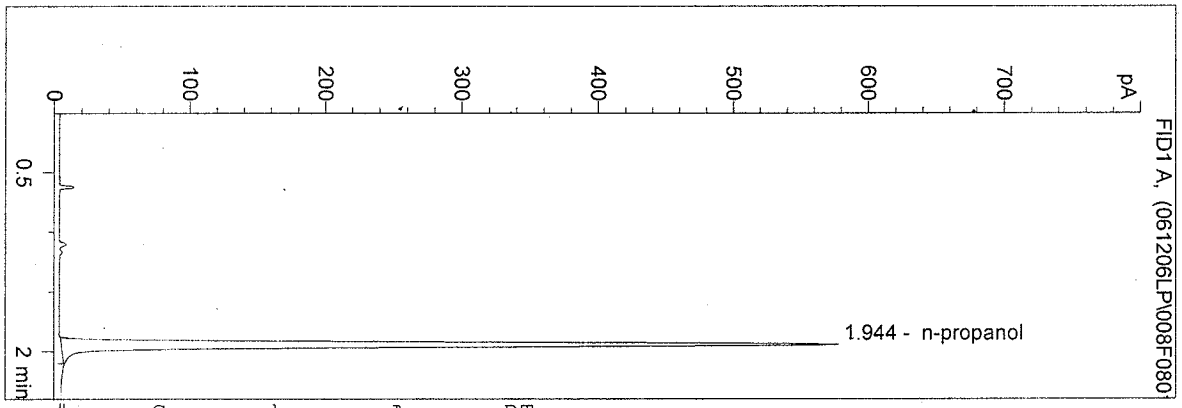
12/6/2006 3:04:17 PM
Instrument 5
DB-ALC2

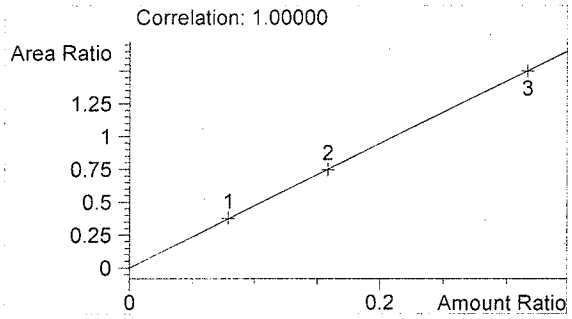
BLANK
Lisa Piquette

vial # 8

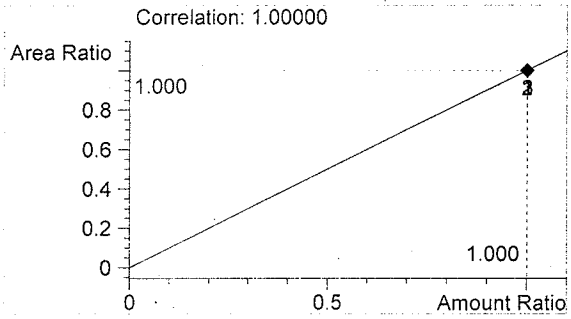



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1682 | 1.944 |

Totals:




ethanol 0.000 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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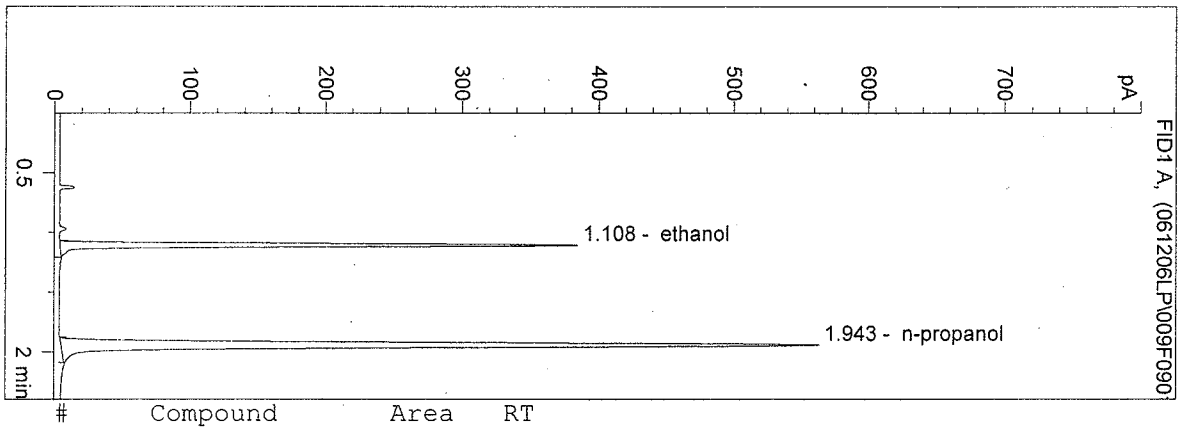
12/6/2006 3:07:51 PM
Instrument 5
DB-ALC2

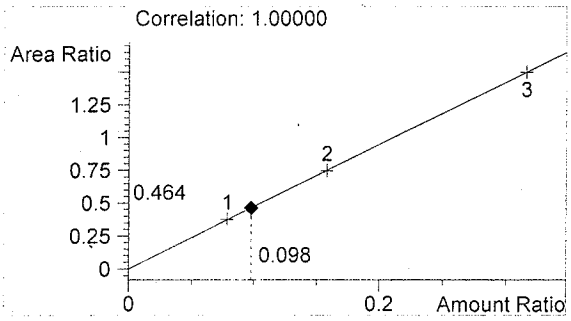
0.10 CONTROL-LP
Lisa Piquette

vial # 9

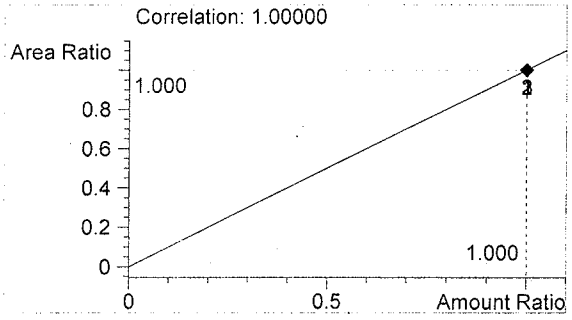



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 758 | 1.108 |
| 2 | n-propanol | 1634 | 1.943 |

Totals:




ethanol 0.098 g/100ml



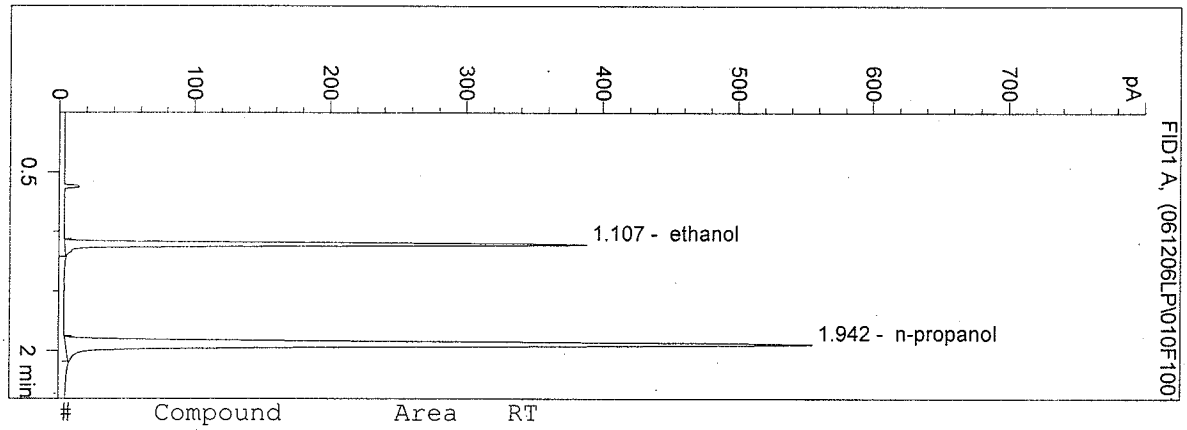

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/6/2006 3:12:47 PM
Instrument 5
DB-ALC2

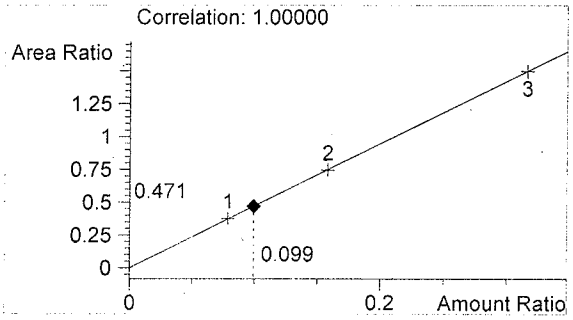
06049-1
Lisa Piquette

vial # 10

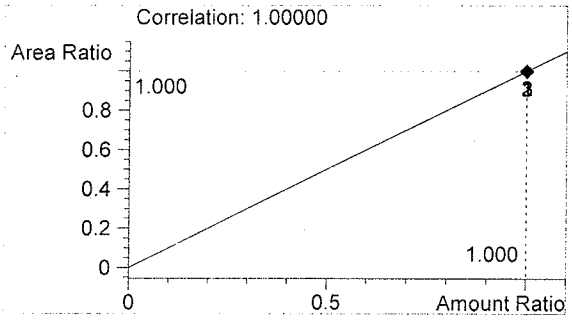



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 758 | 1.107 |
| 2 | n-propanol | 1610 | 1.942 |

Totals:




ethanol 0.099 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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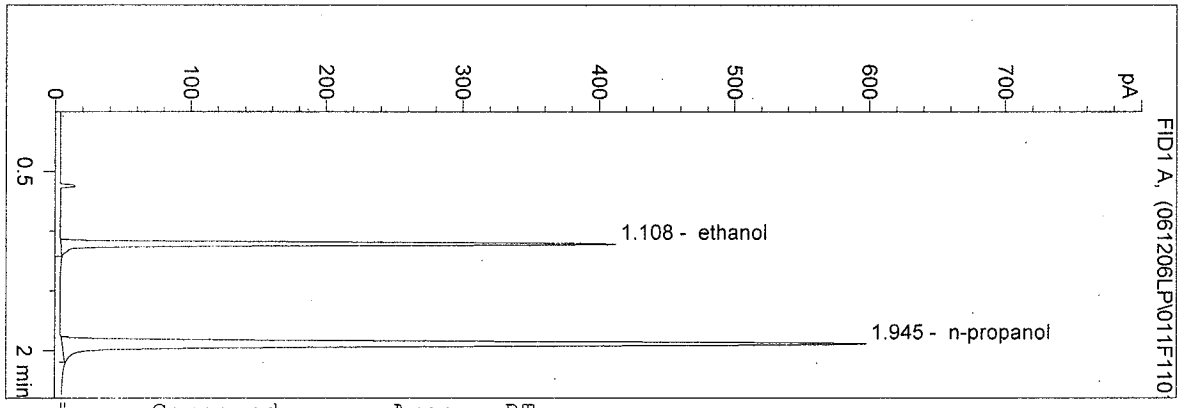
12/6/2006 3:16:11 PM
Instrument 5
DB-ALC2

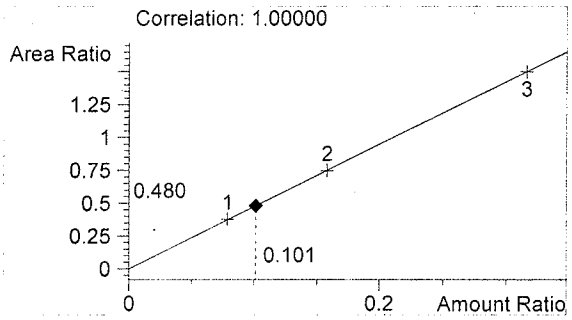
06049-2
Lisa Piquette

vial # 11

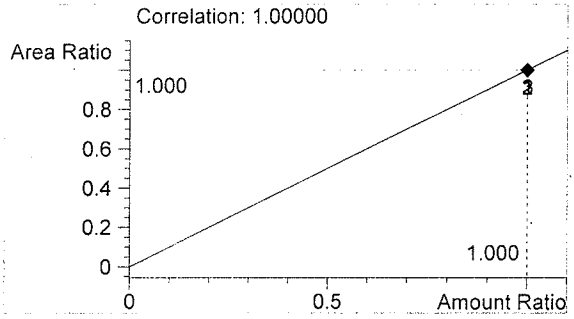



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 832 | 1.108 |
| 2 | n-propanol | 1735 | 1.945 |

Totals:




ethanol 0.101 g/100ml



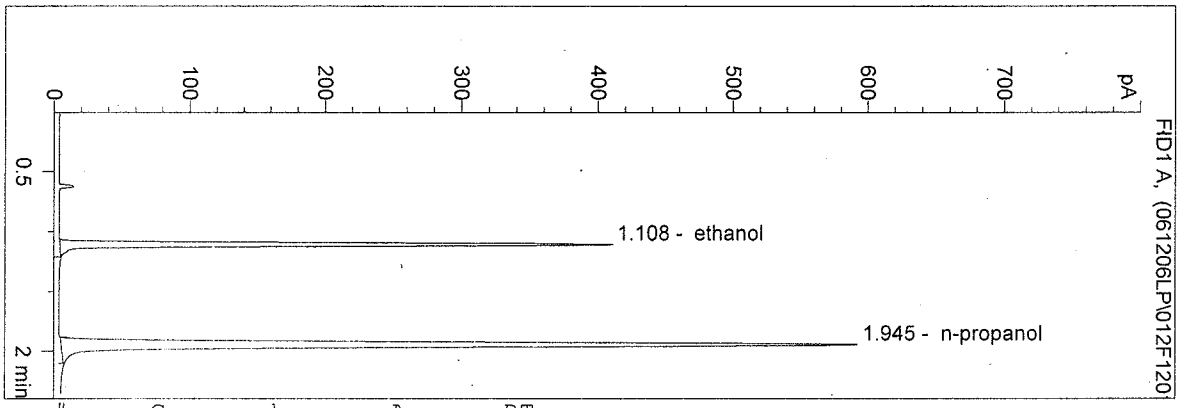

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/6/2006 3:19:48 PM
Instrument 5
DB-ALC2

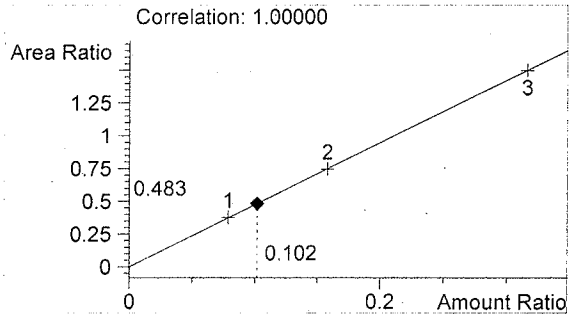
06049-3
Lisa Piquette

vial # 12

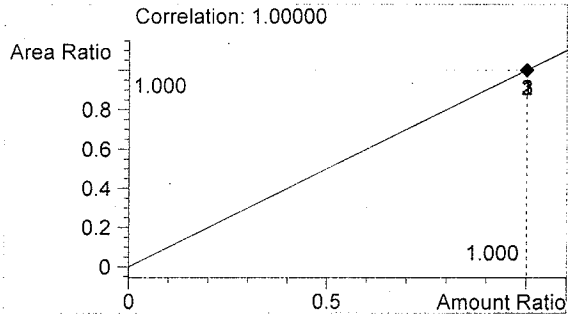



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 831 | 1.108 |
| 2 | n-propanol | 1722 | 1.945 |

Totals:




ethanol 0.102 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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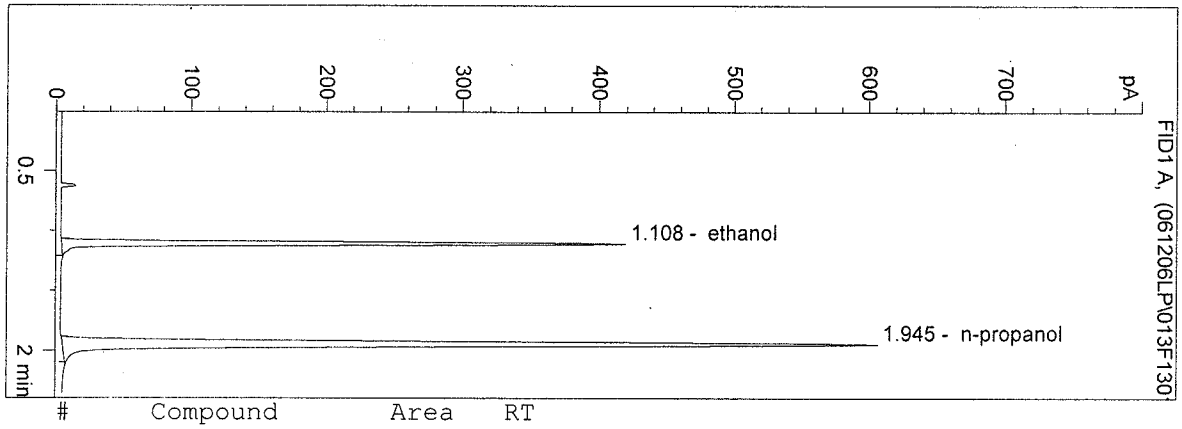
12/6/2006 3:24:47 PM
Instrument 5
DB-ALC2

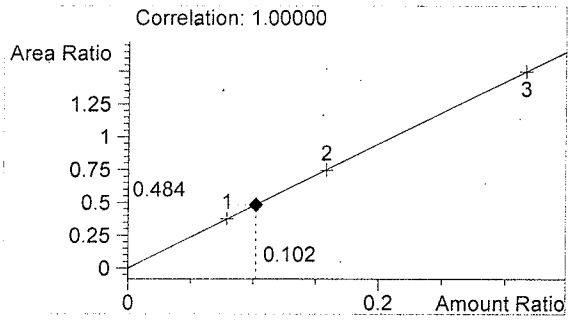
06049-4
Lisa Piquette

vial # 13

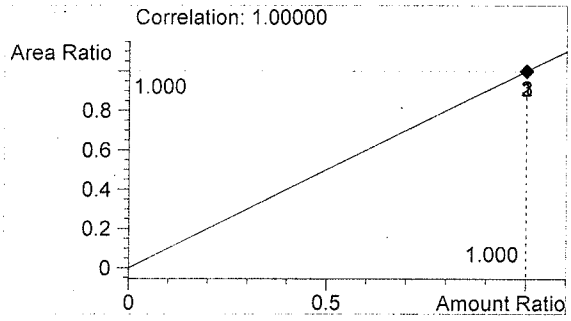



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 853 | 1.108 |
| 2 | n-propanol | 1763 | 1.945 |

Totals:




ethanol 0.102 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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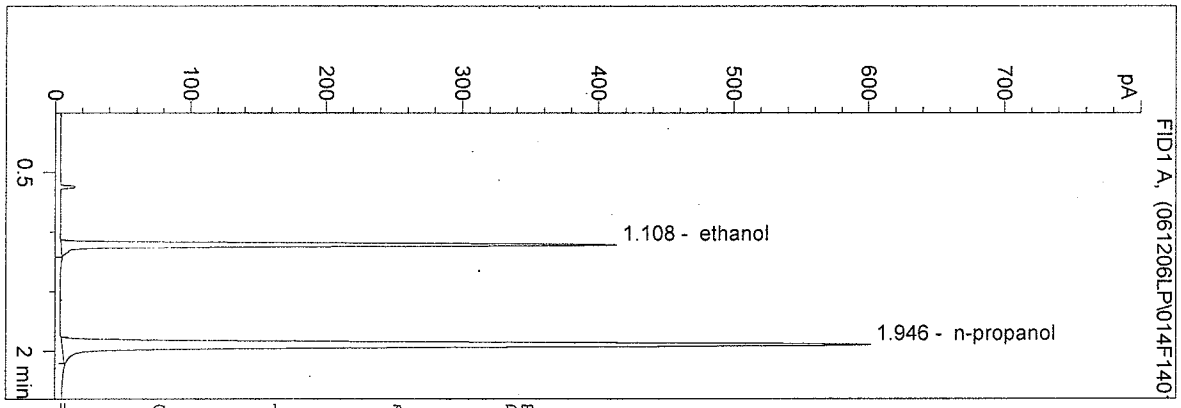
12/6/2006 3:28:13 PM
Instrument 5
DB-ALC2

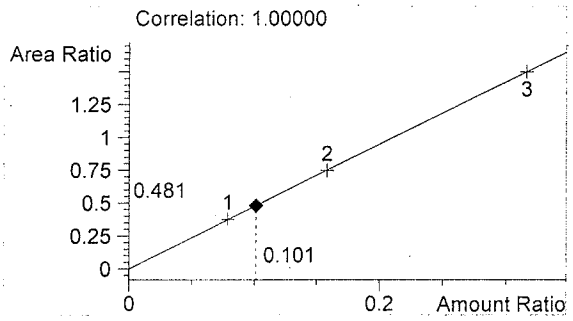
06049-5
Lisa Piquette

vial # 14

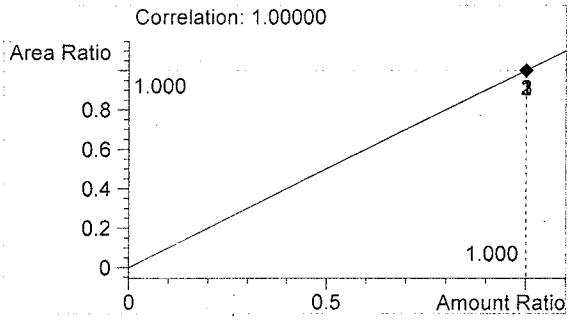



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 844 | 1.108 |
| 2 | n-propanol | 1756 | 1.946 |

Totals:




ethanol 0.101 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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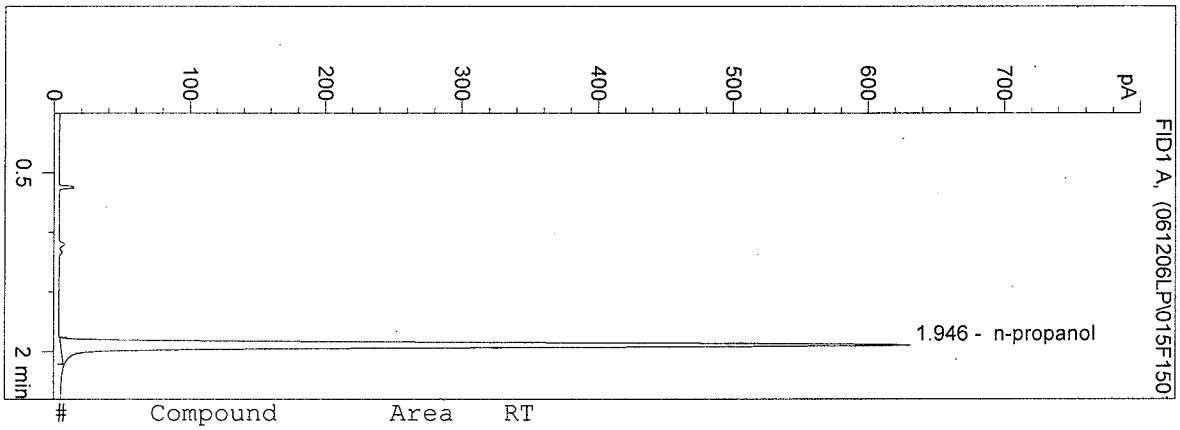
12/6/2006 3:31:44 PM
Instrument 5
DB-ALC2

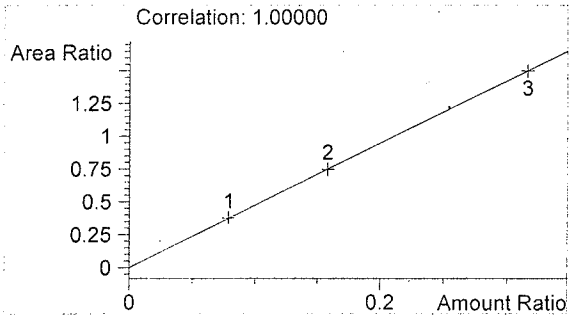
BLANK
Lisa Piquette

vial # 15

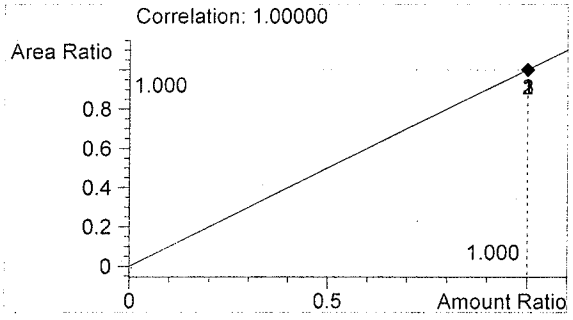



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1841 | 1.946 |

Totals:




ethanol 0.000 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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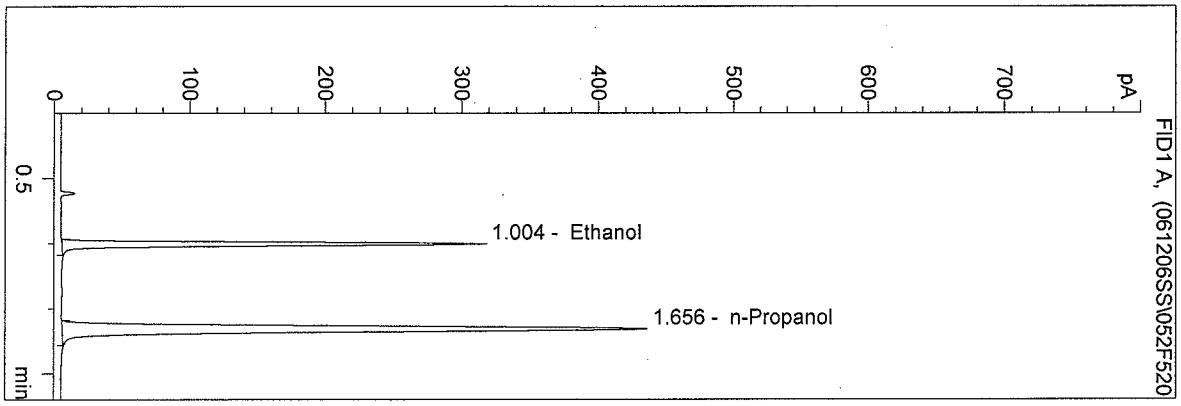
Instrument 4
DB-ALC1

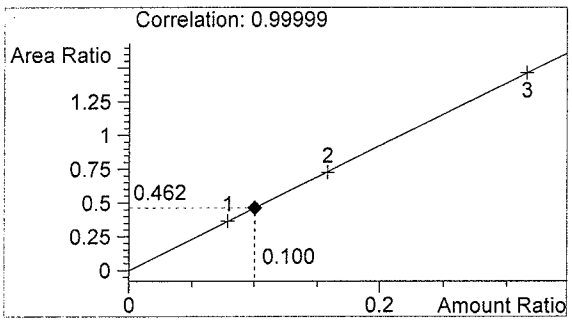
06049-1
SARAH SWENSON

vial # 52

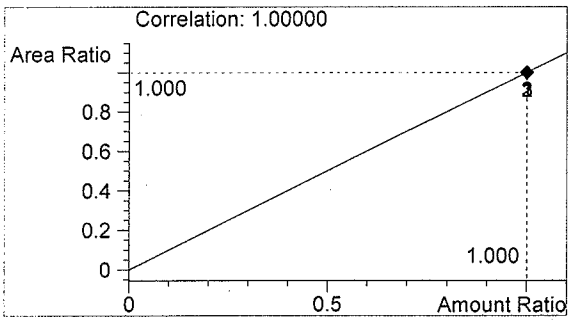



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 622 | 1.004 |
| 2 | n-Propanol | 1345 | 1.656 |

Totals:




Ethanol 0.100 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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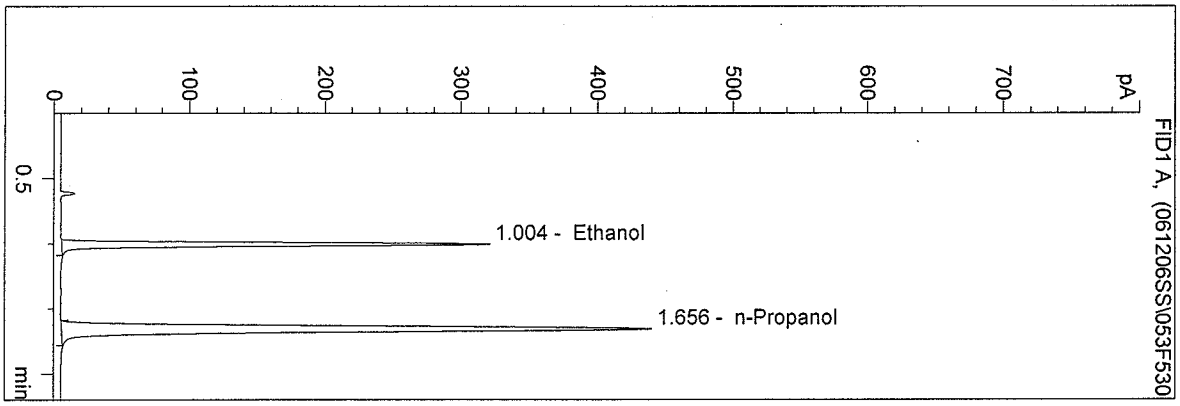
Instrument 4
DB-ALC1

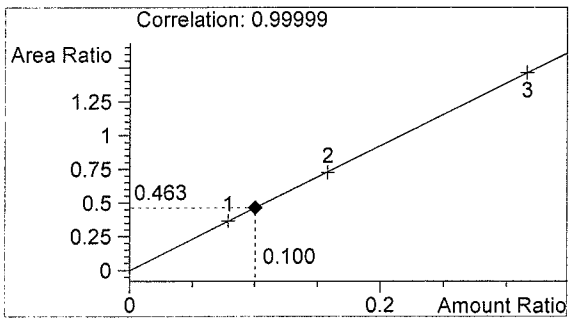
06049-2
SARAH SWENSON

vial # 53

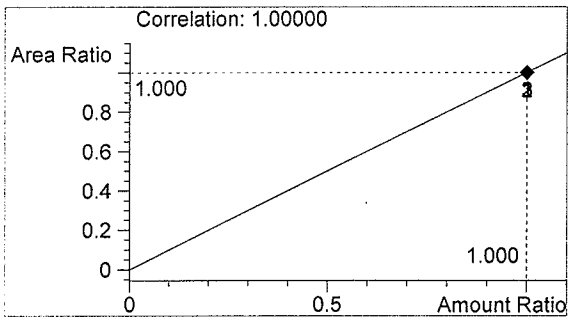



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 628 | 1.004 |
| 2 | n-Propanol | 1357 | 1.656 |

Totals:




Ethanol 0.100 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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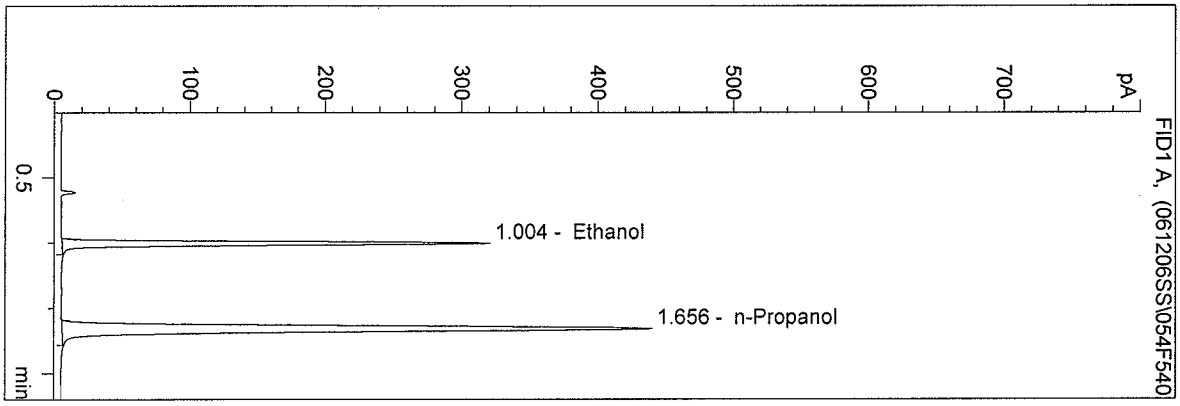
Instrument 4
DB-ALC1

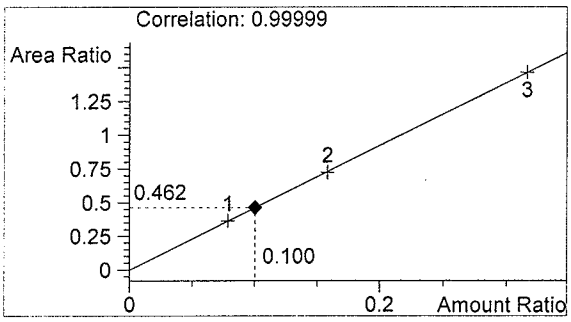
06049-3
SARAH SWENSON

vial # 54

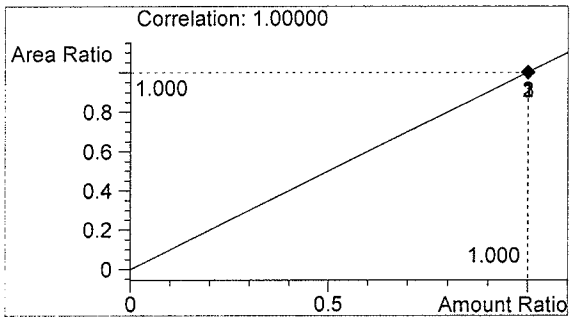



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 627 | 1.004 |
| 2 | n-Propanol | 1355 | 1.656 |

Totals:




Ethanol 0.100 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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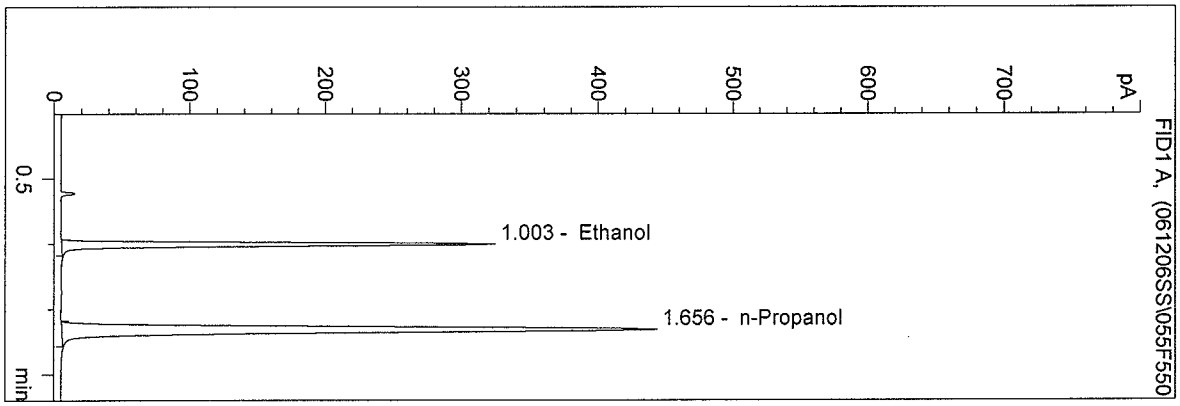
Instrument 4
DB-ALC1

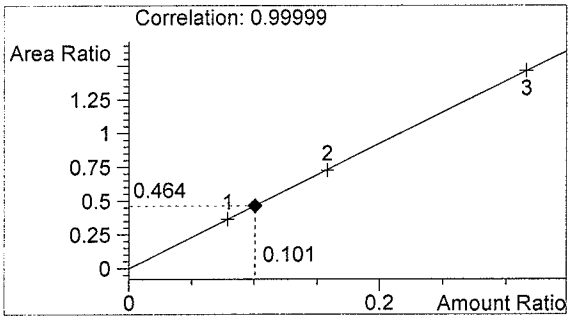
06049-4
SARAH SWENSON

vial # 55

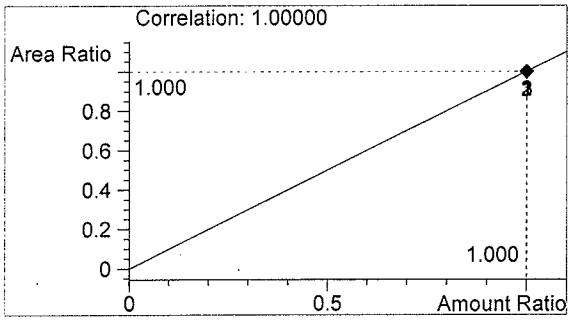



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 635 | 1.003 |
| 2 | n-Propanol | 1369 | 1.656 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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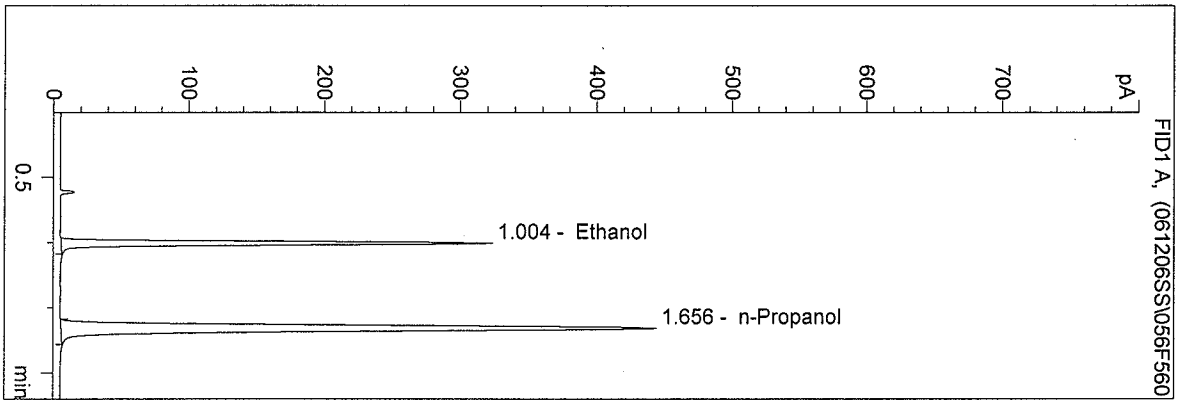
12/6/2006 6:51:38 PM
Instrument 4
DB-ALC1

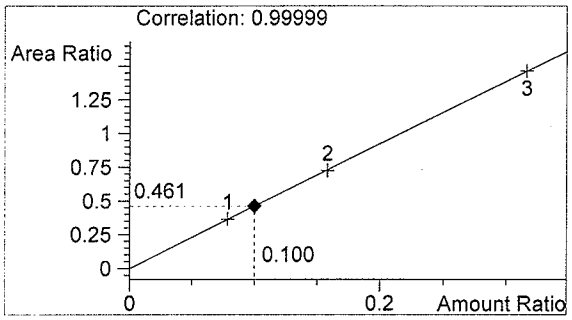
06049-5
SARAH SWENSON

vial # 56

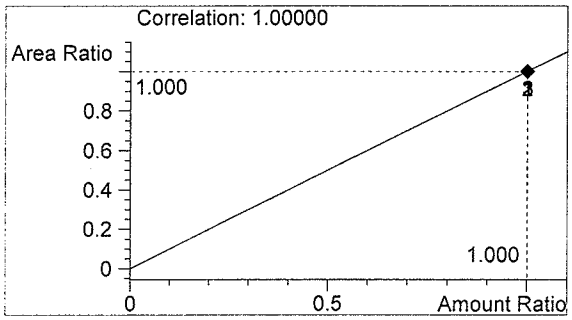



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 633 | 1.004 |
| 2 | n-Propanol | 1372 | 1.656 |

Totals:




Ethanol 0.100 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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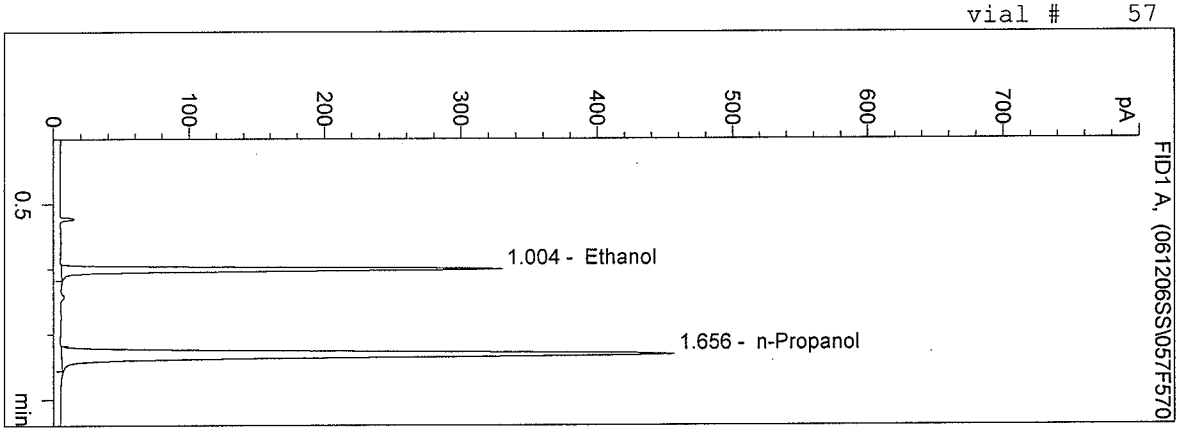
12/6/2006 6:54:49 PM
Instrument 4
DB-ALC1

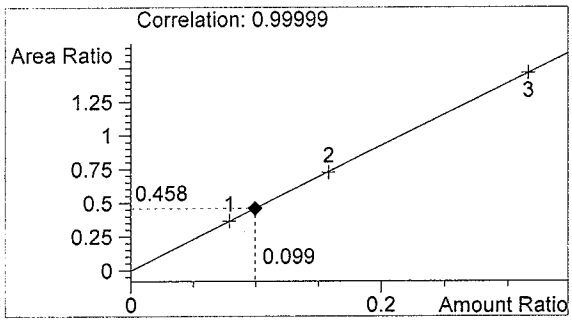
0.10 CTL-SS
SARAH SWENSON

vial # 57

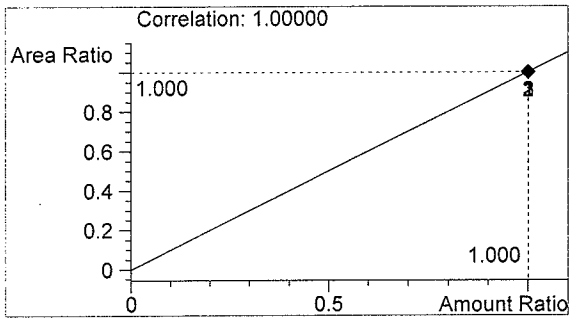



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 644 | 1.004 |
| 2 | n-Propanol | 1406 | 1.656 |

Totals:




Ethanol 0.099 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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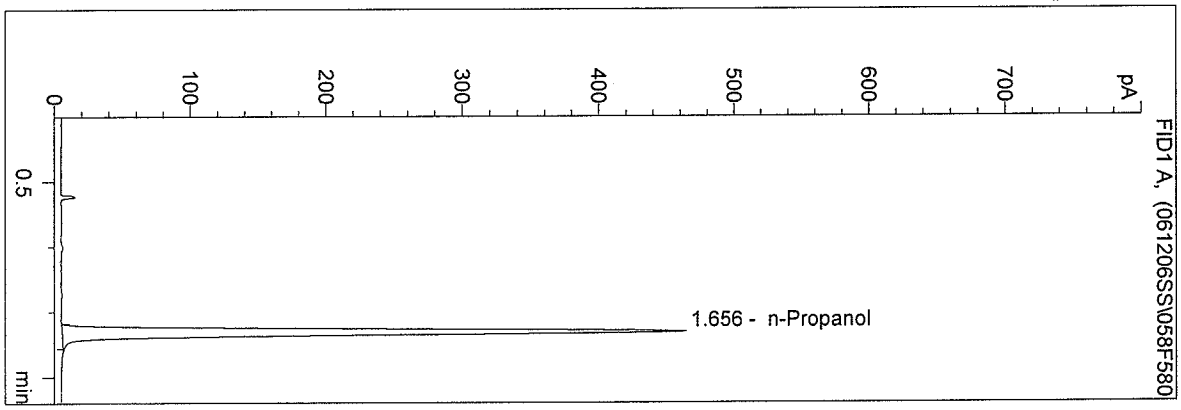
Instrument 4
DB-ALC1

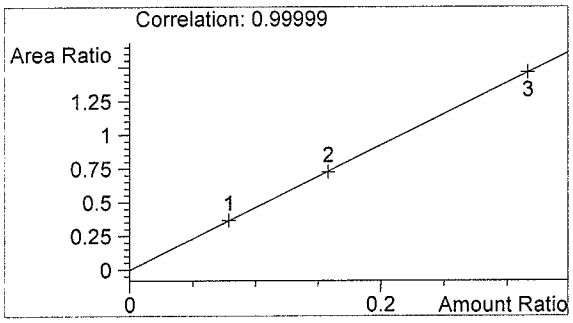
BLANK
SARAH SWENSON

vial # 58

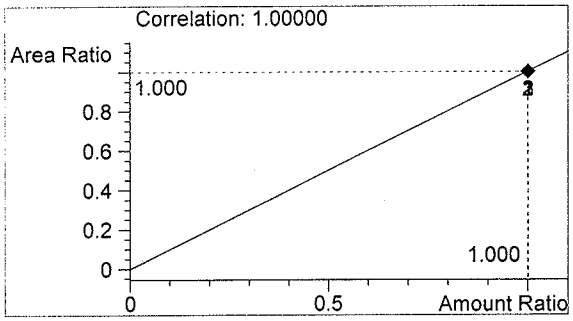



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1432 | 1.656 |

Totals:




Ethanol 0.000 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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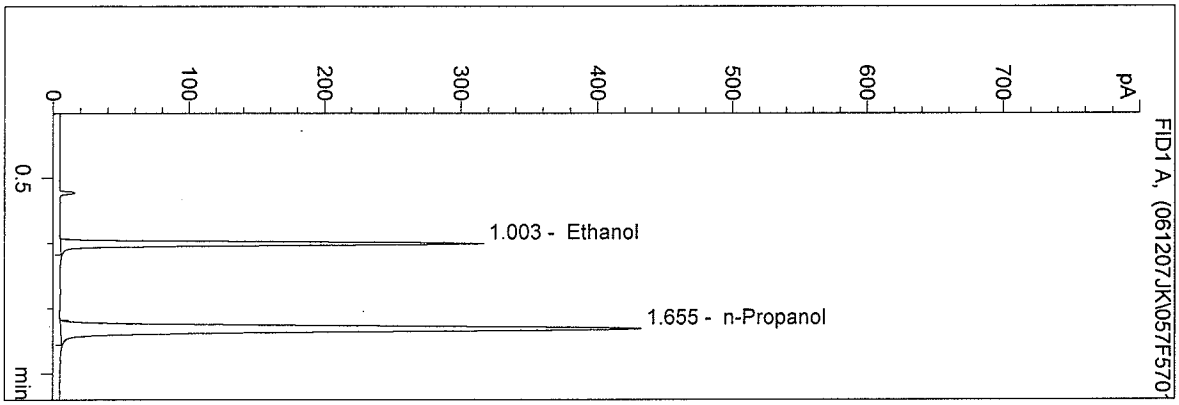
12/7/2006 2:08:09 PM
Instrument 4
DB-ALC1

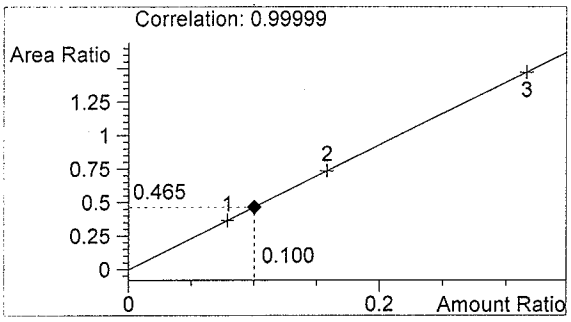
06049-1
Justin Knoy

vial # 57

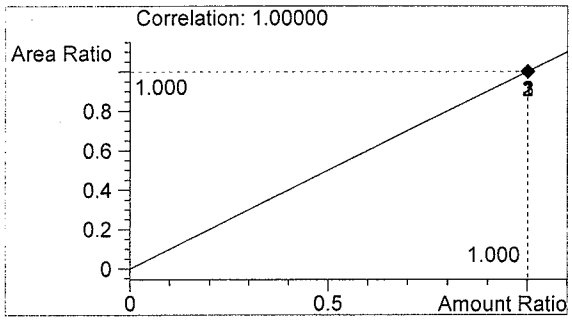



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 619 | 1.003 |
| 2 | n-Propanol | 1332 | 1.655 |

Totals:




Ethanol 0.100 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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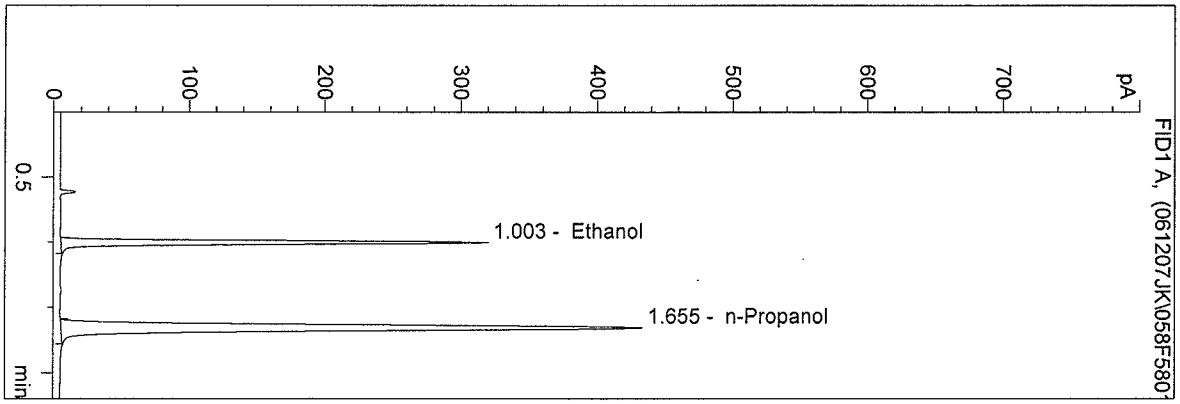
12/7/2006 2:11:23 PM
Instrument 4
DB-ALC1

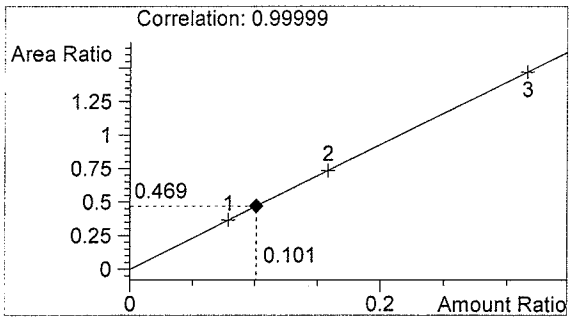
06049-2
Justin Knoy

vial # 58

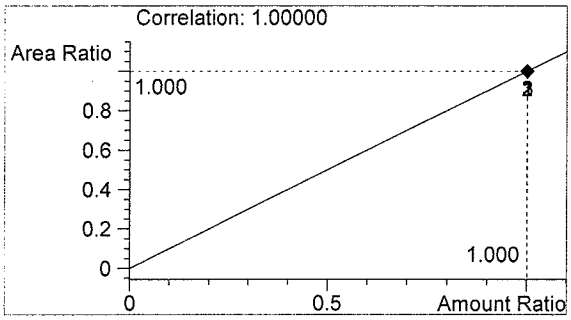



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 627 | 1.003 |
| 2 | n-Propanol | 1338 | 1.655 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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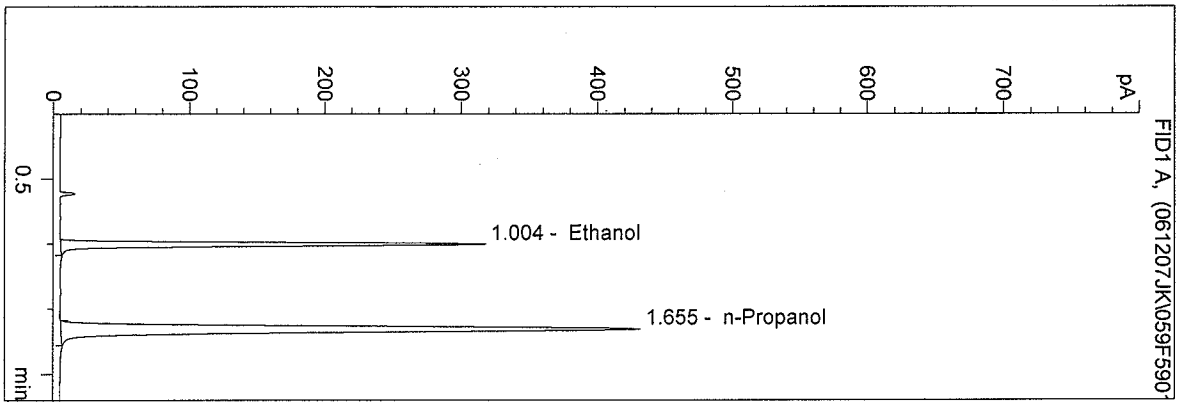
12/7/2006 2:14:35 PM
Instrument 4
DB-ALC1

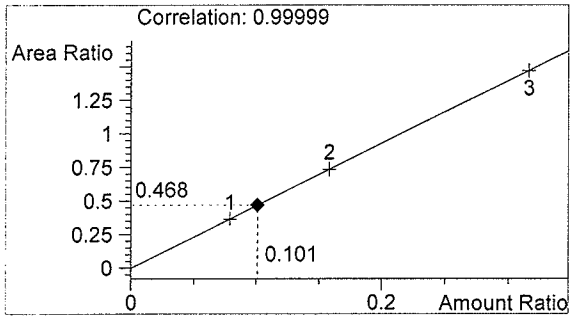
06049-3
Justin Knoy

vial # 59

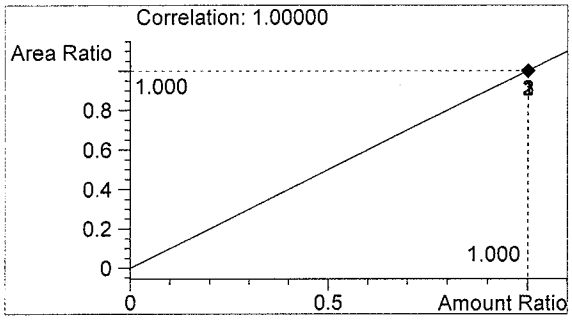



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 623 | 1.004 |
| 2 | n-Propanol | 1331 | 1.655 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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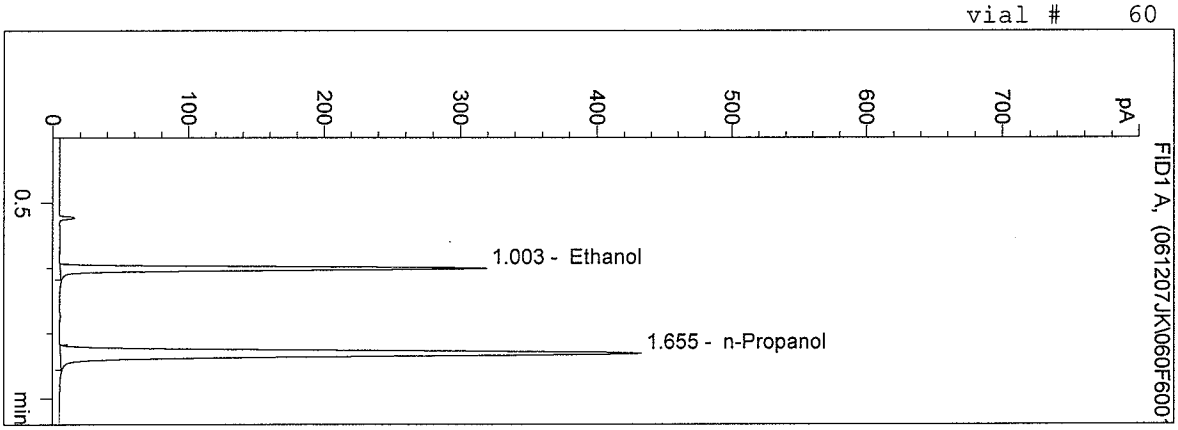
12/7/2006 2:18:07 PM
Instrument 4
DB-ALC1

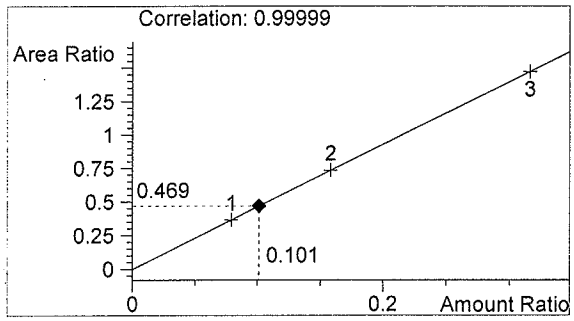
06049-4
Justin Knoy

vial # 60

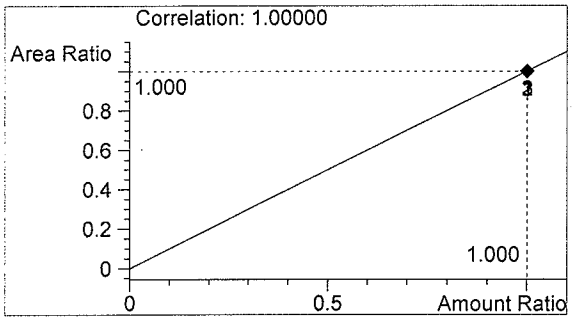



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 625 | 1.003 |
| 2 | n-Propanol | 1334 | 1.655 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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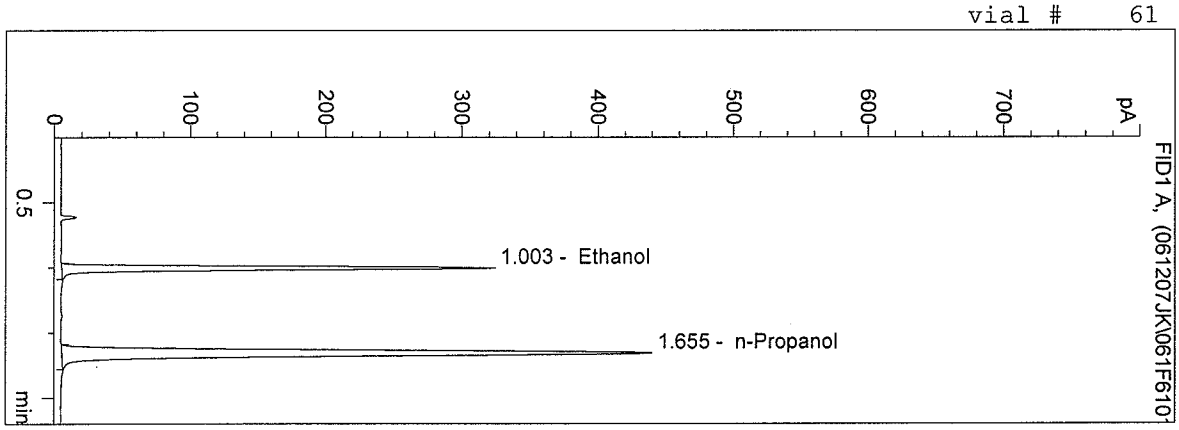
Instrument 4
DB-ALC1

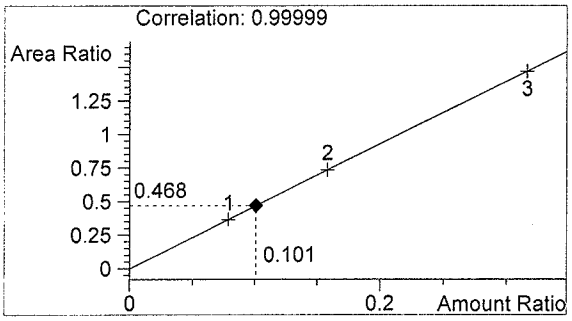
06049-5
Justin Knoy

vial # 61

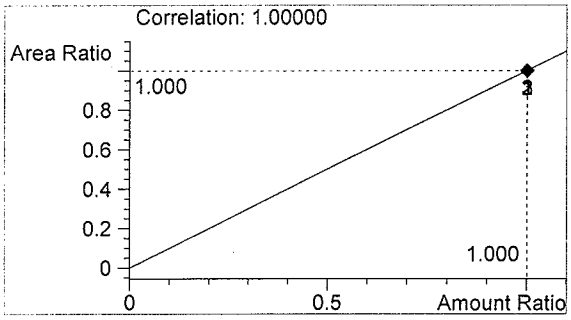



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 636 | 1.003 |
| 2 | n-Propanol | 1359 | 1.655 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

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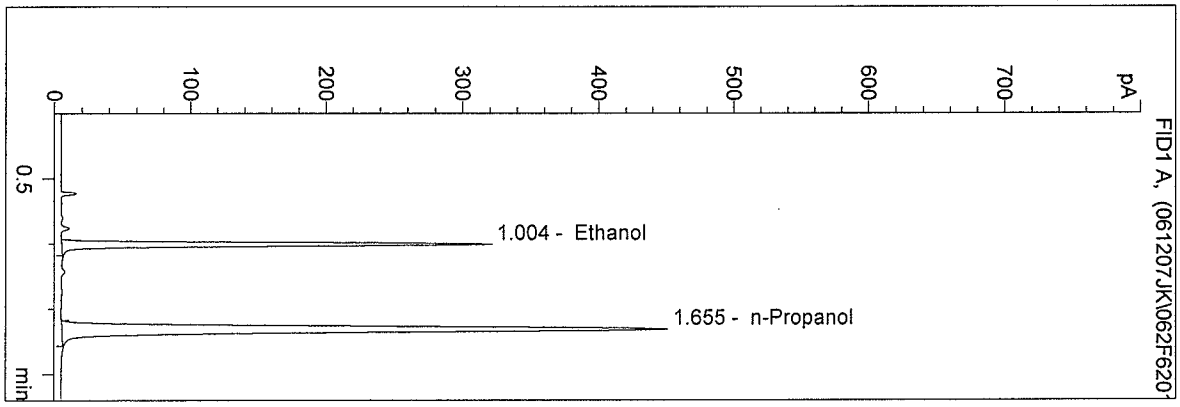
Instrument 4
DB-ALC1

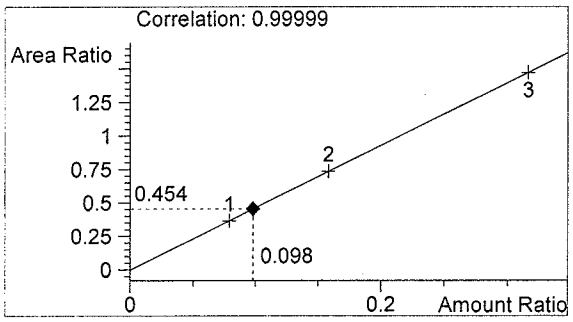
0.10 Ctrl JK
Justin Knoy

vial # 62

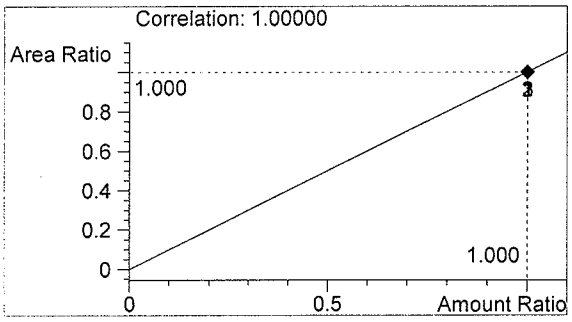



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 632 | 1.004 |
| 2 | n-Propanol | 1394 | 1.655 |

Totals:




Ethanol 0.098 g/100ml




n-Propanol 1.000 g/100ml

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Instrument 4
DB-ALC1

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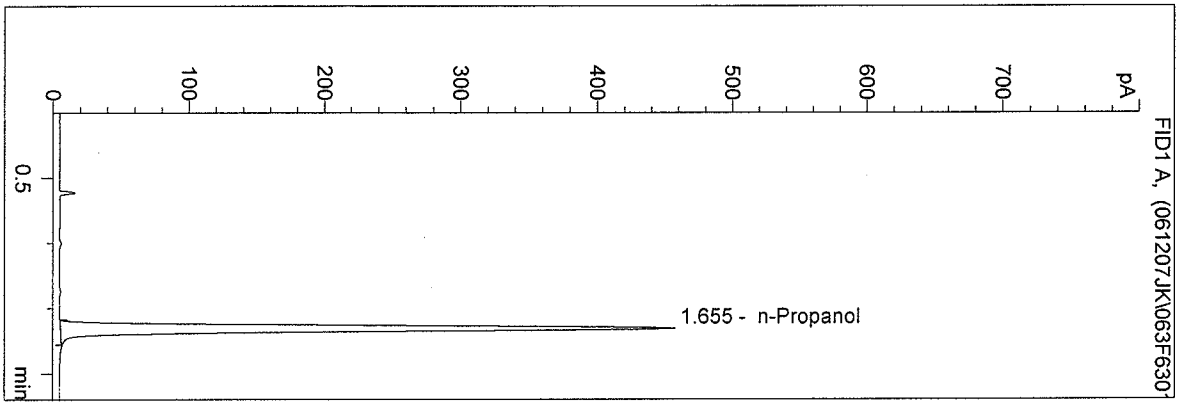
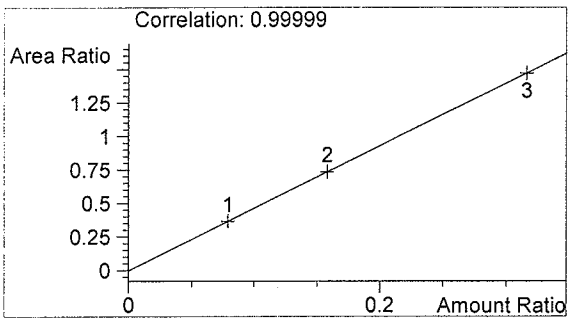
Justin Knoy

vial # 63

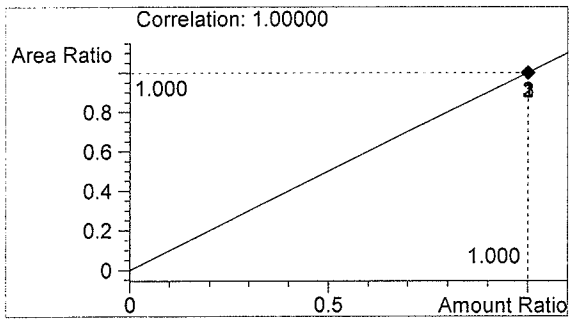



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1413 | 1.655 |

Totals:




Ethanol 0.000 g/100ml




n-Propanol 1.000 g/100ml

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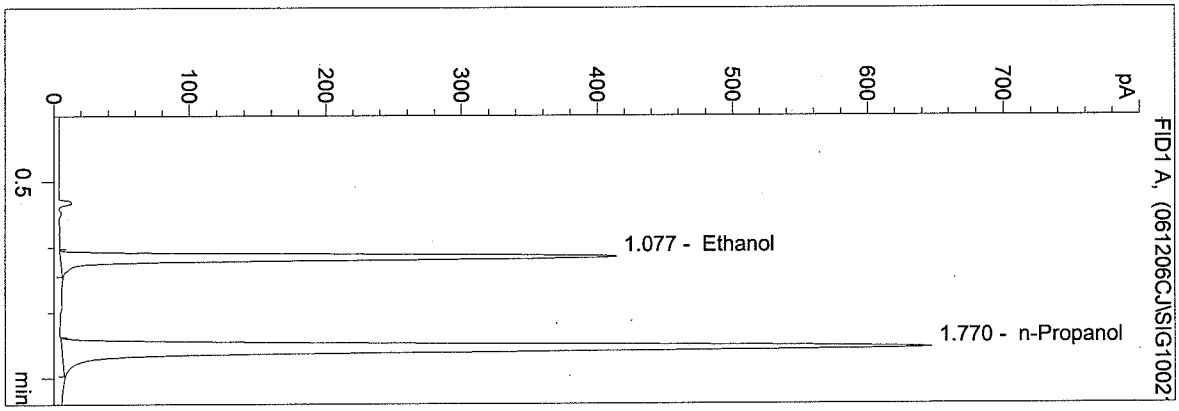
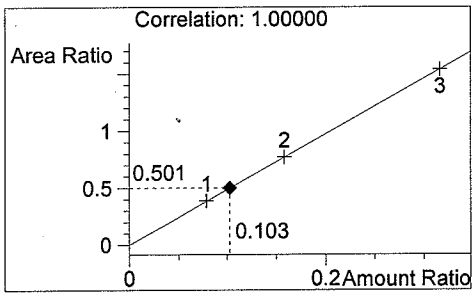
Instrument 1
DB ALC 1

06049 SIM
Chris Johnston

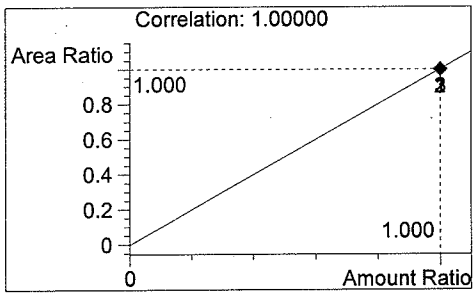
vial # 21




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1309 | 1.077 |
| 2 | n-Propanol | 2614 | 1.770 |
| Tot | | | |




Ethanol 0.103 g/100ml




n-Propanol 1.000 g/100ml

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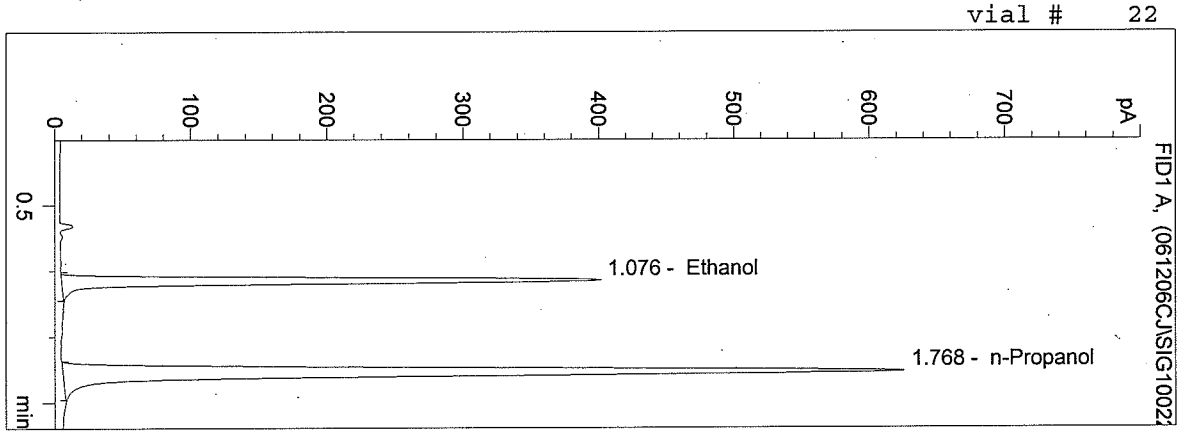
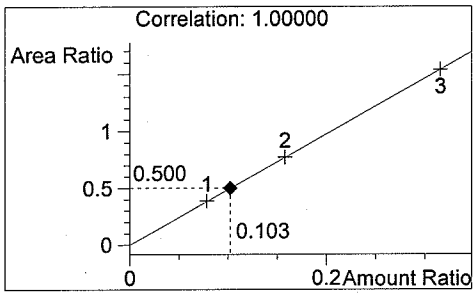
Instrument 1
DB ALC 1

06049 SIM
Chris Johnston

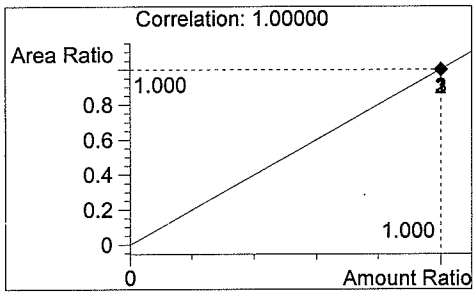
vial # 22




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1259 | 1.076 |
| 2 | n-Propanol | 2518 | 1.768 |
| Tot | | | |




Ethanol 0.103 g/100ml




n-Propanol 1.000 g/100ml

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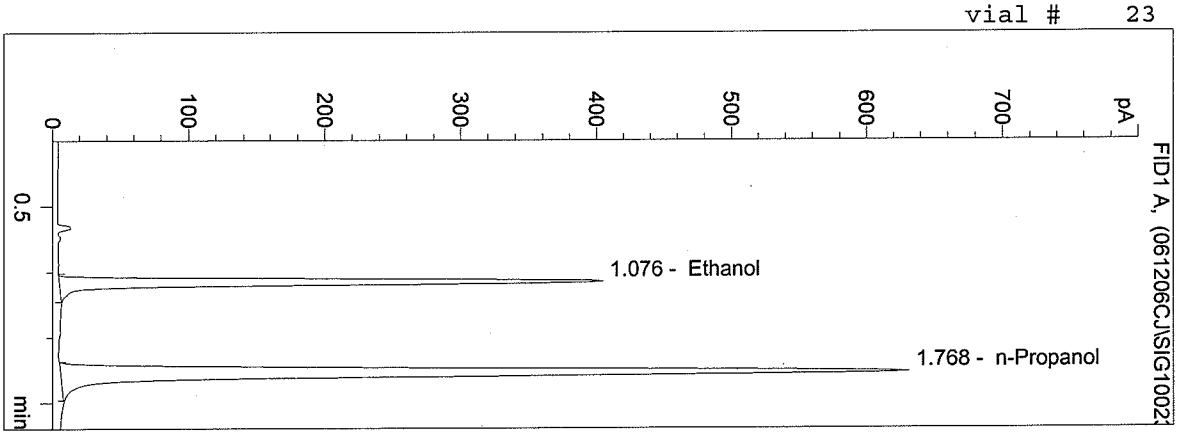
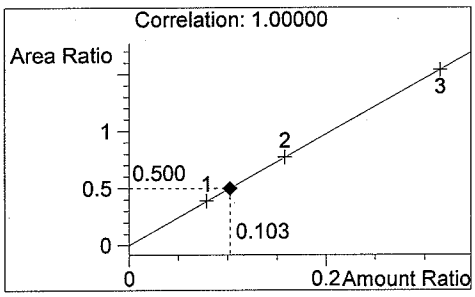
Instrument 1
DB ALC 1

06049 SIM
Chris Johnston

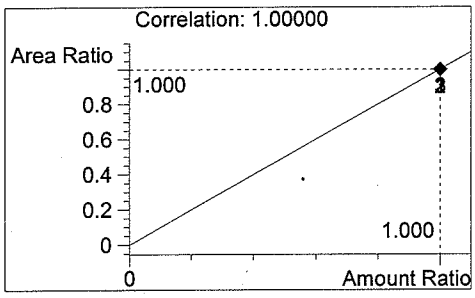
vial # 23




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1271 | 1.076 |
| 2 | n-Propanol | 2542 | 1.768 |
| Tot | | | |




Ethanol 0.103 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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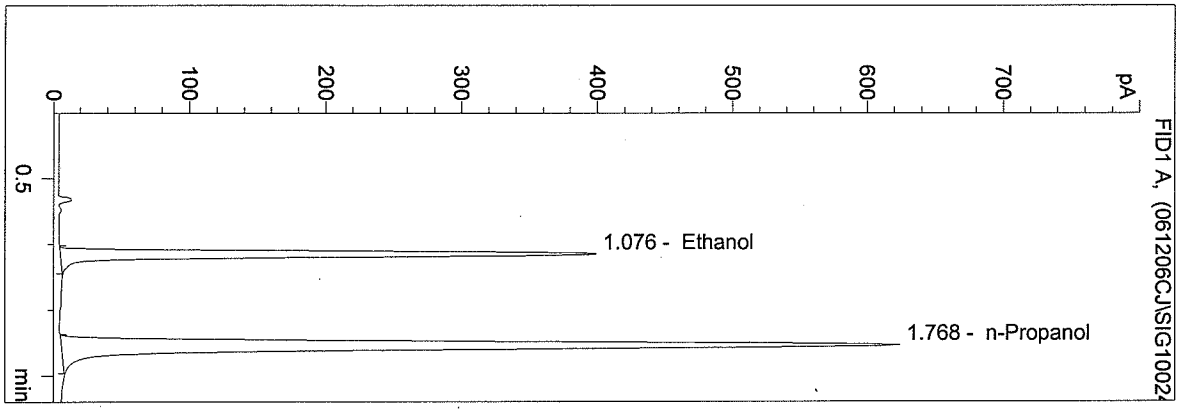
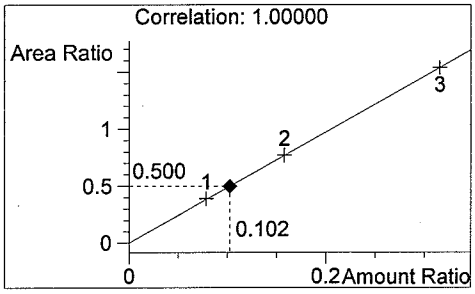
Instrument 1
DB ALC 1

06049 SIM
Chris Johnston

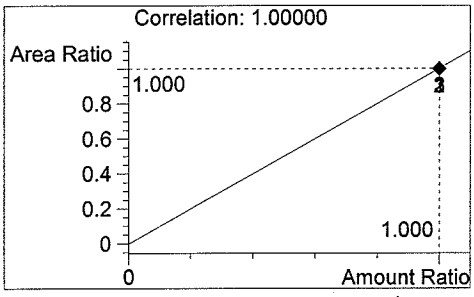
vial # 24




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1254 | 1.076 |
| 2 | n-Propanol | 2507 | 1.768 |
| Tot | | | |




Ethanol 0.102 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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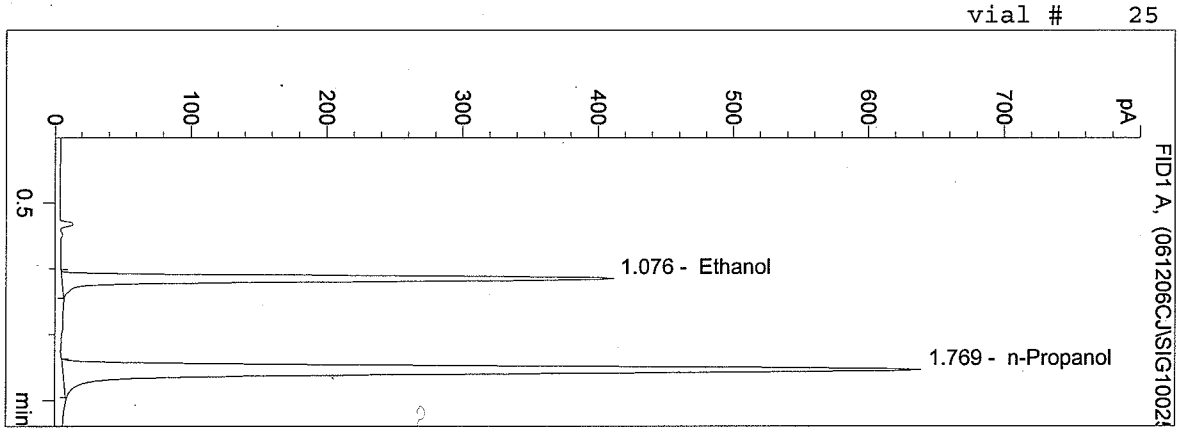
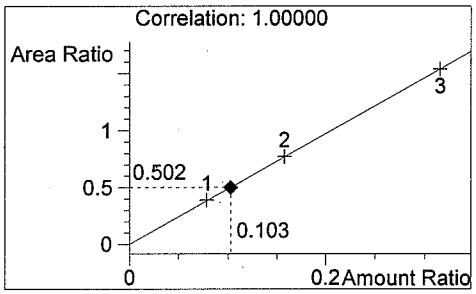
Instrument 1
DB ALC 1

06049 SIM
Chris Johnston

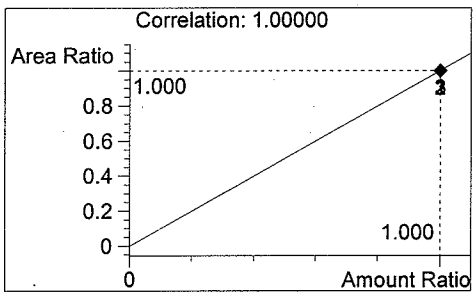
vial # 25




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1291 | 1.076 |
| 2 | n-Propanol | 2574 | 1.769 |
| Tot | | | |




Ethanol 0.103 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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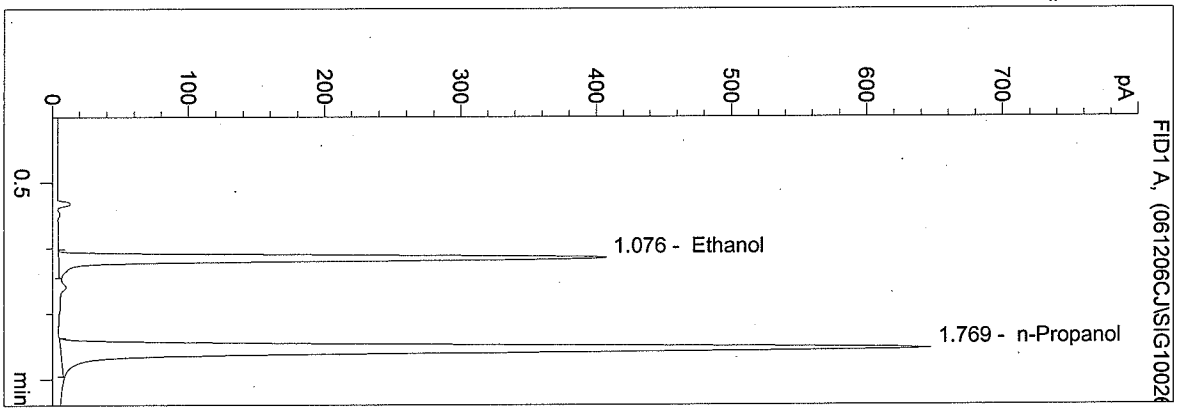
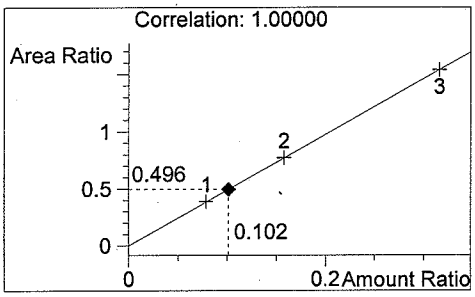
Instrument 1
DB ALC 1

0.10 CONTROL-CJ
Chris Johnston

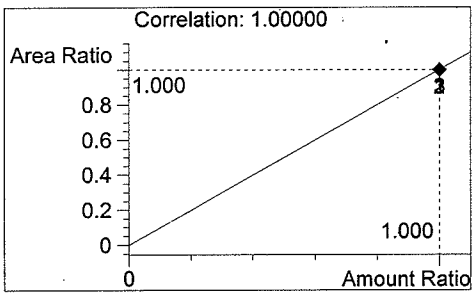
vial # 26




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1291 | 1.076 |
| 2 | n-Propanol | 2604 | 1.769 |
| Tot | | | |




Ethanol 0.102 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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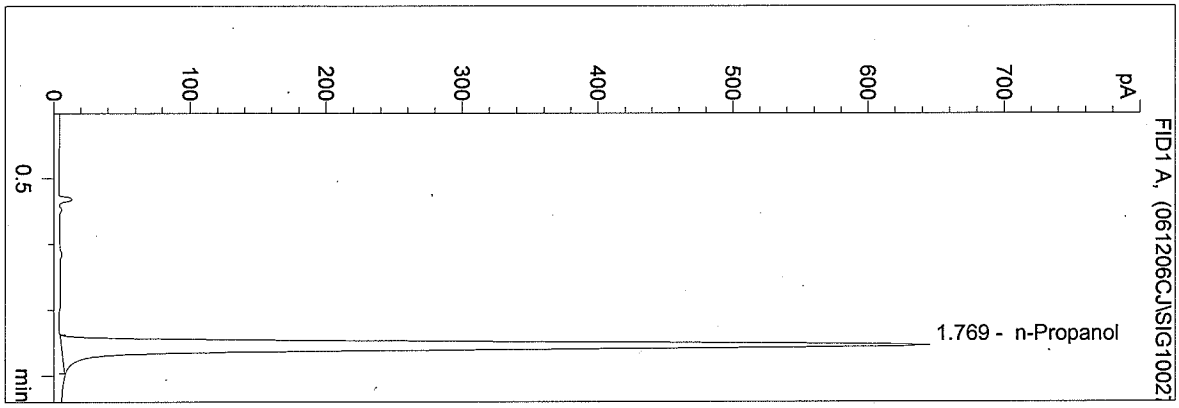
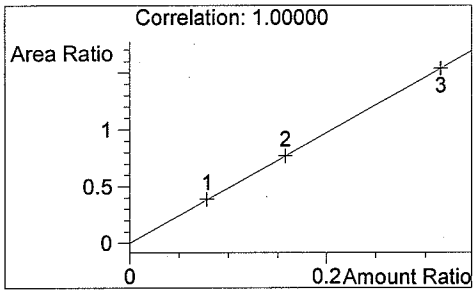
Instrument 1
DB ALC 1

BLANK
Chris Johnston

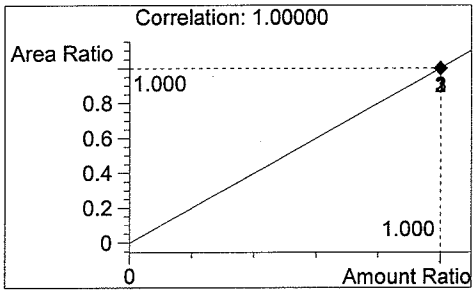
vial # 27




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2604 | 1.769 |
| Tot | | | |




Ethanol 0.000 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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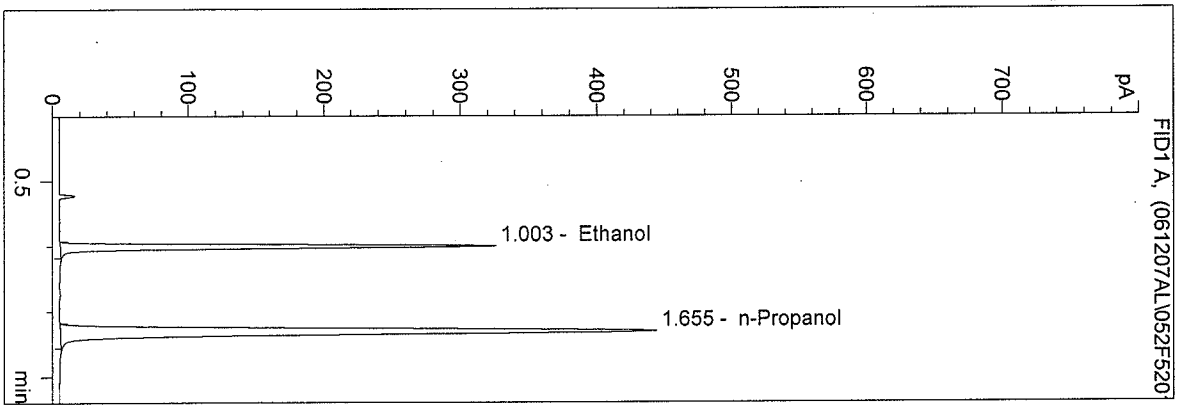
Instrument 4
DB-ALC1

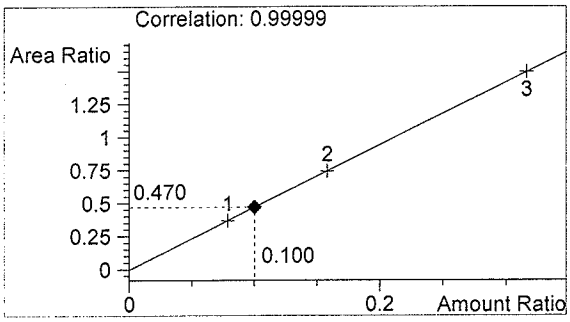
06049a
alouis

vial # 52

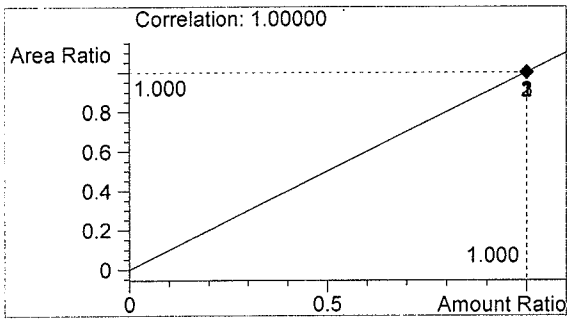



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 645 | 1.003 |
| 2 | n-Propanol | 1374 | 1.655 |

Totals:




Ethanol 0.100 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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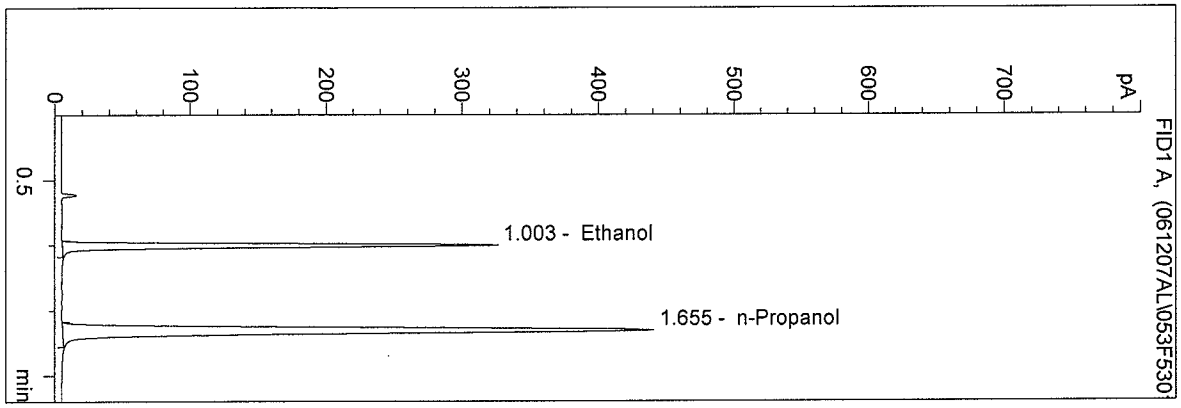
12/7/2006 6:08:31 PM
Instrument 4
DB-ALC1

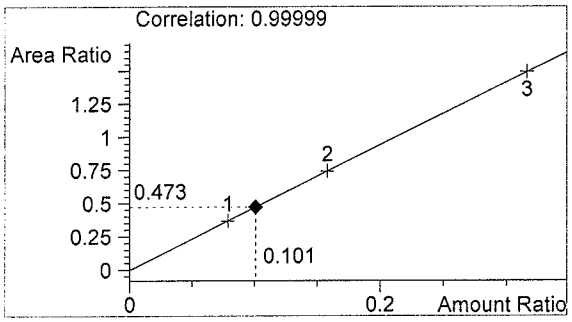
06049b
alouis

vial # 53

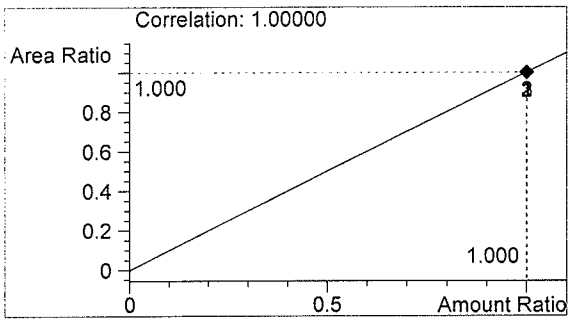



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 644 | 1.003 |
| 2 | n-Propanol | 1362 | 1.655 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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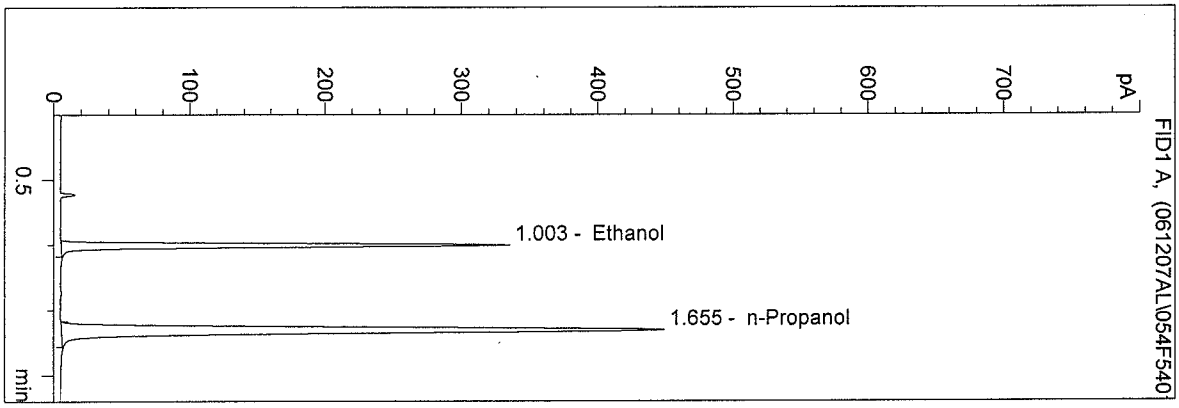
12/7/2006 6:11:45 PM
Instrument 4
DB-ALC1

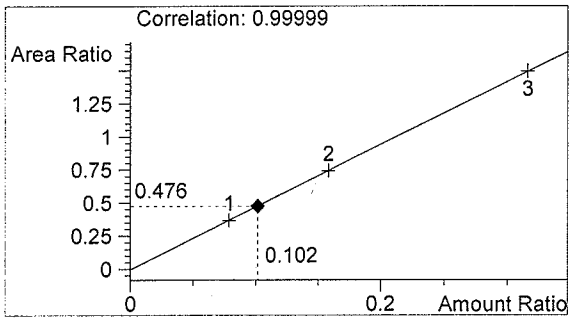
06049c
alouis

vial # 54

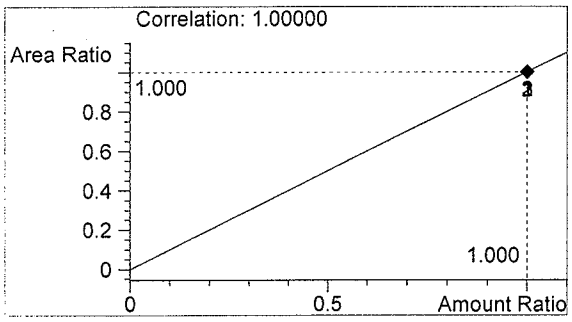



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 661 | 1.003 |
| 2 | n-Propanol | 1387 | 1.655 |

Totals:




Ethanol 0.102 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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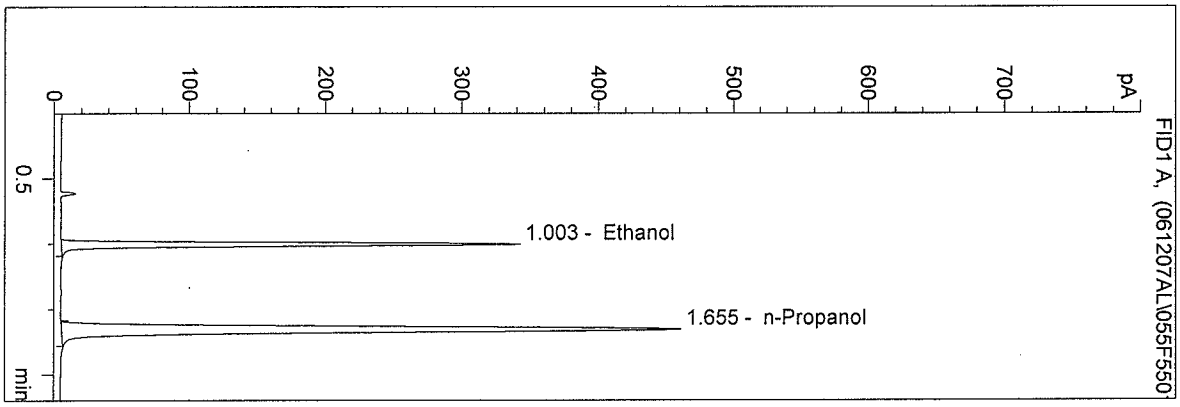
12/7/2006 6:14:56 PM
Instrument 4
DB-ALC1

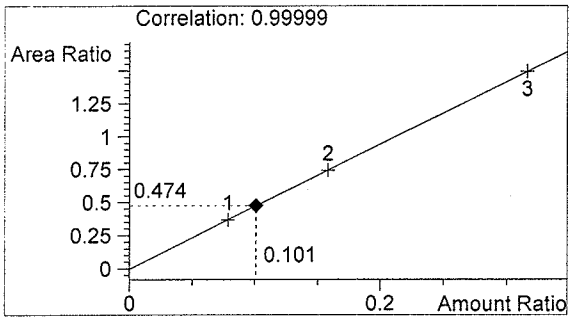
06049d
alouis

vial # 55

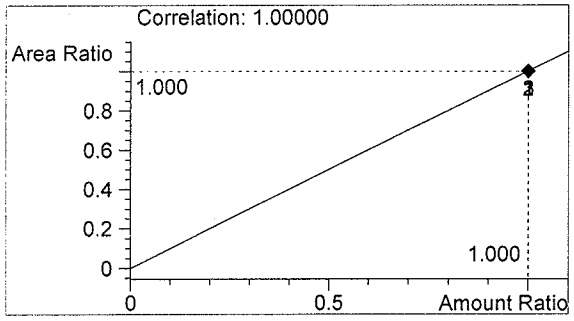



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 676 | 1.003 |
| 2 | n-Propanol | 1425 | 1.655 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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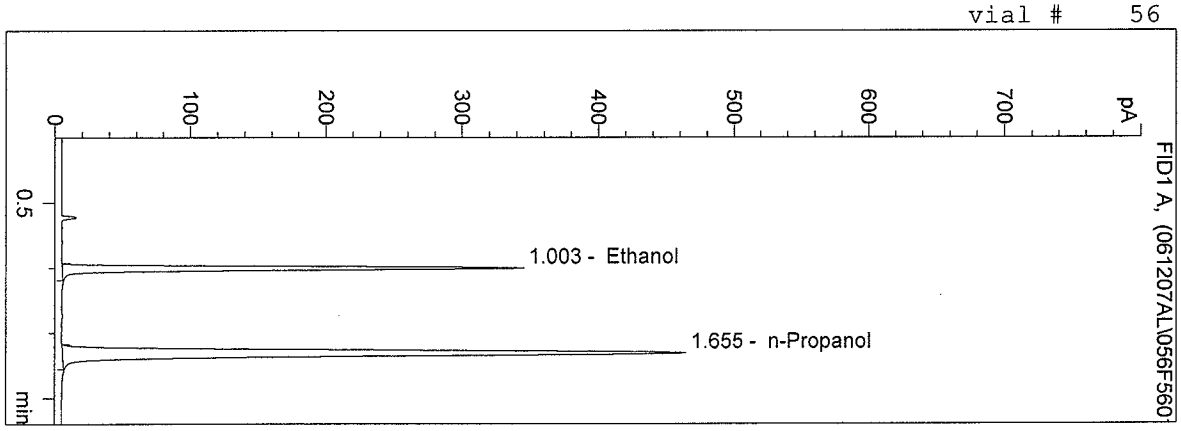
12/7/2006 6:18:08 PM
Instrument 4
DB-ALC1

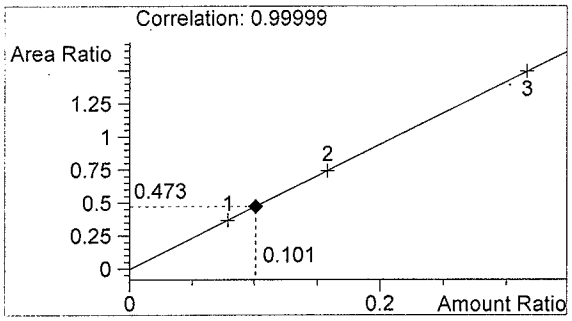
06049e
alouis

vial # 56

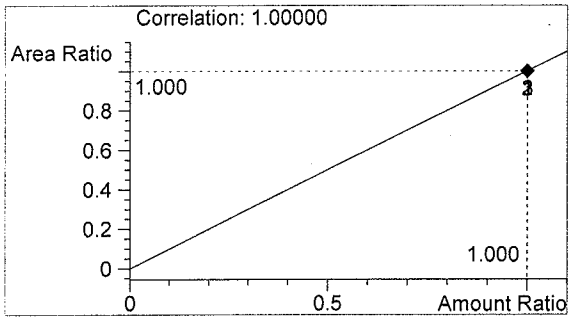



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 678 | 1.003 |
| 2 | n-Propanol | 1433 | 1.655 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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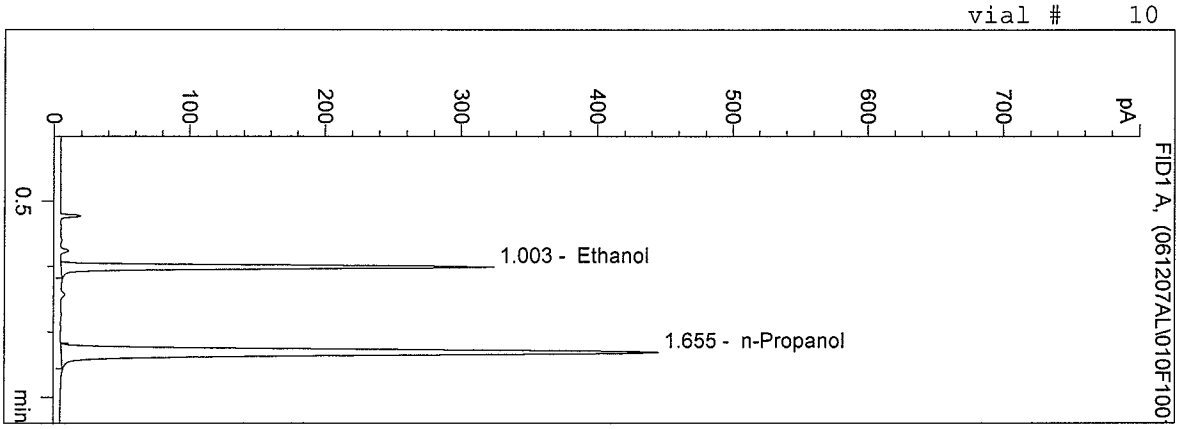
12/7/2006 3:35:20 PM
Instrument 4
DB-ALC1

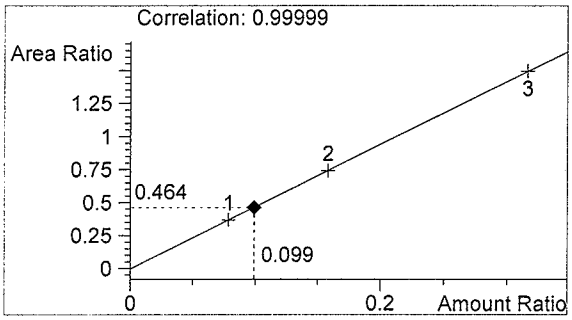
0.10 con al
alouis

vial # 10

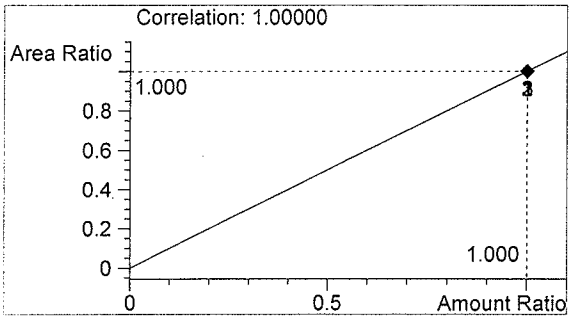



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 638 | 1.003 |
| 2 | n-Propanol | 1376 | 1.655 |

Totals:




Ethanol 0.099 g/100ml




n-Propanol 1.000 g/100ml

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Instrument 1
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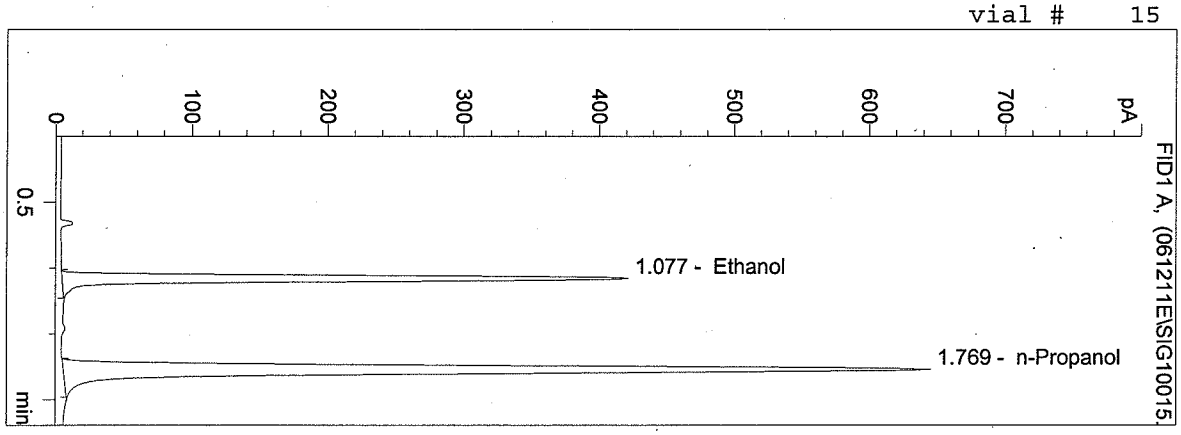
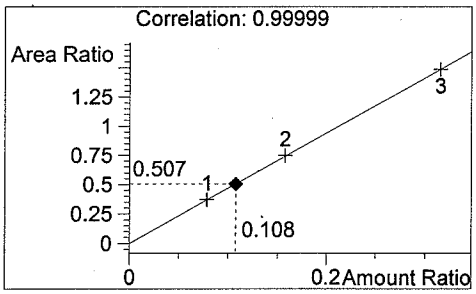
SIMUALTOR SOLUTION

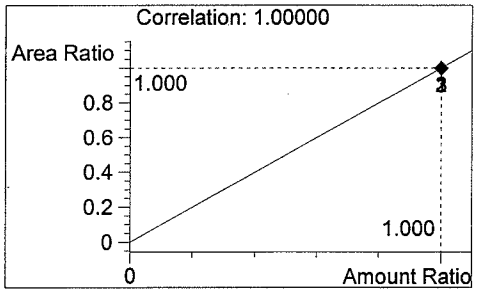
vial # 15




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1315 | 1.077 |
| 2 | n-Propanol | 2594 | 1.769 |
| Tot | | | |




Ethanol 0.108 g/100ml




n-Propanol 1.000 g/100ml

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Instrument 1
DB ALC 1

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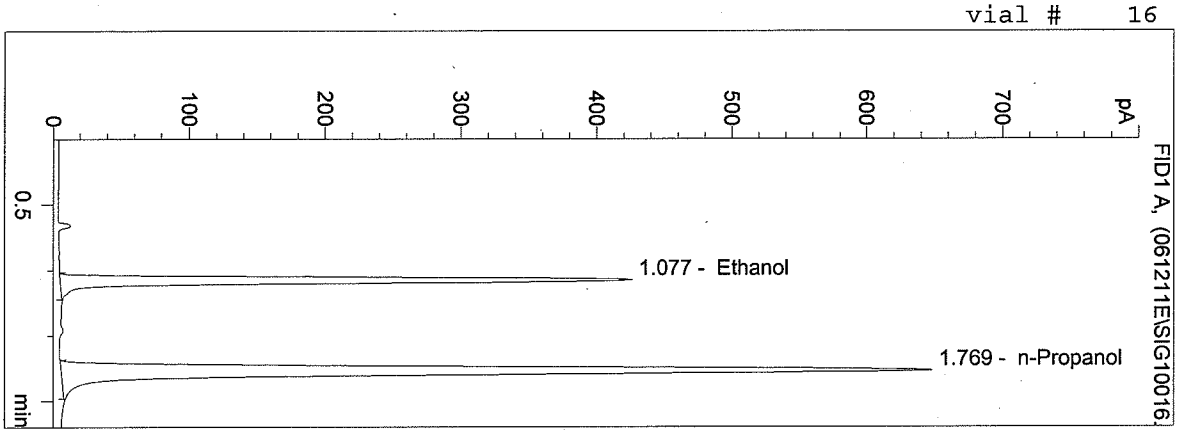
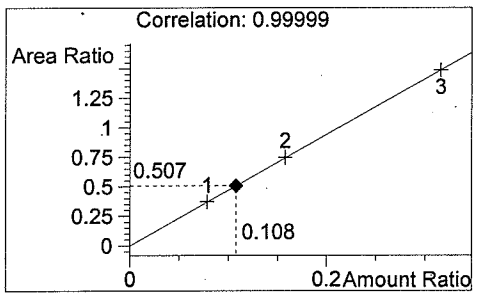
SIMUALTOR SOLUTION

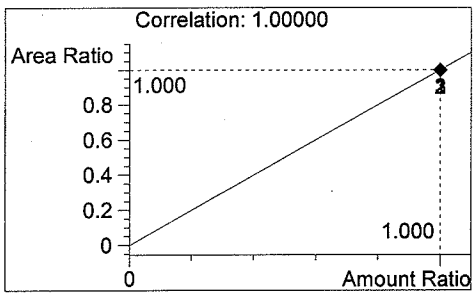
vial # 16




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1326 | 1.077 |
| 2 | n-Propanol | 2612 | 1.769 |
| Tot | | | |




Ethanol 0.108 g/100ml




n-Propanol 1.000 g/100ml

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DB ALC 1

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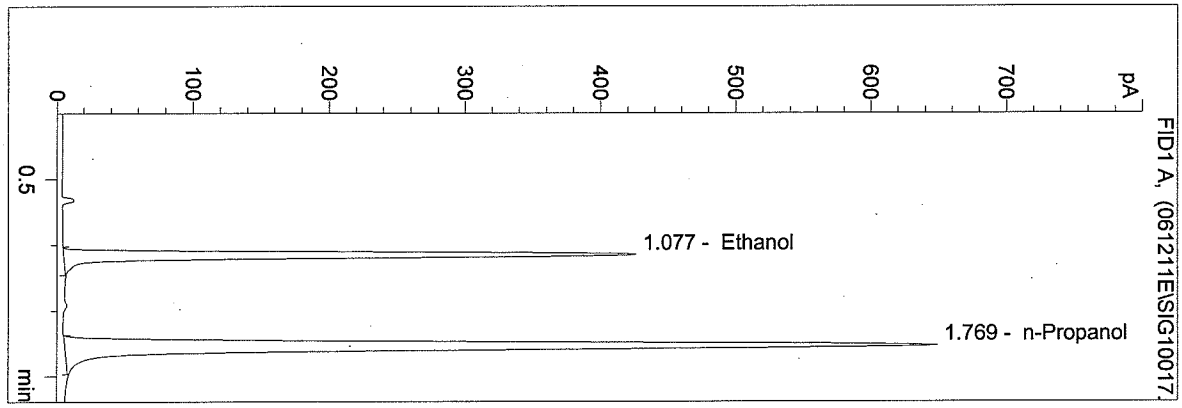
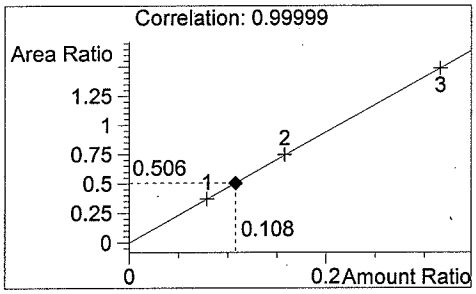
SIMUALTOR SOLUTION

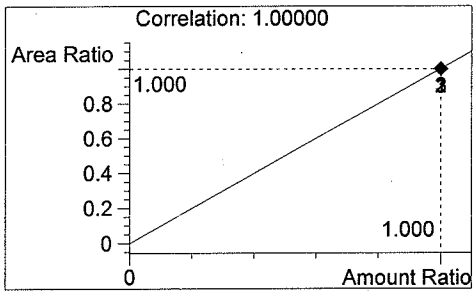
vial # 17




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1325 | 1.077 |
| 2 | n-Propanol | 2617 | 1.769 |
| Tot | | | |




Ethanol 0.108 g/100ml




n-Propanol 1.000 g/100ml

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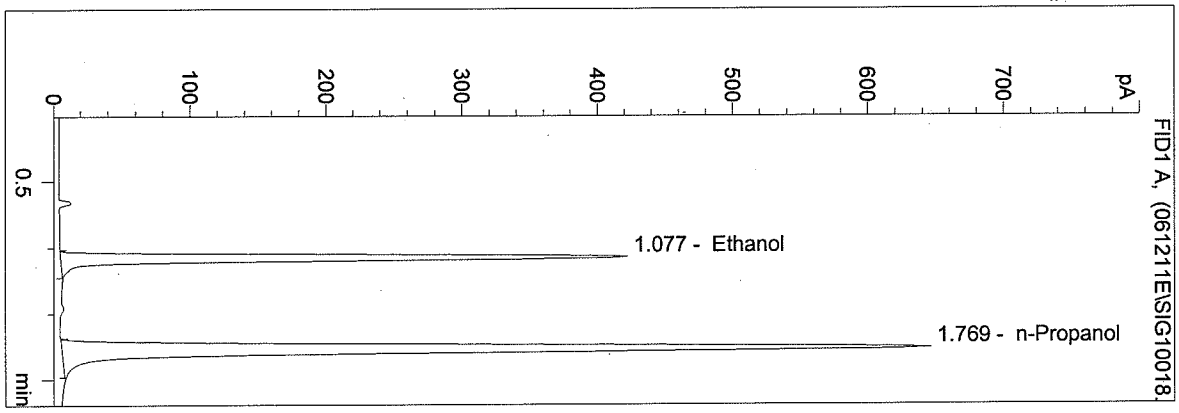
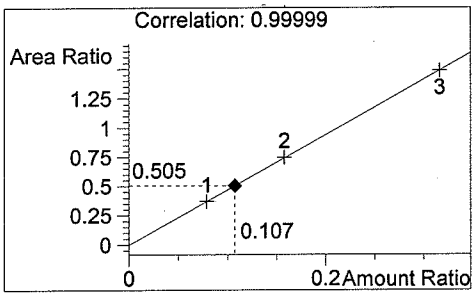
SIMUALTOR SOLUTION

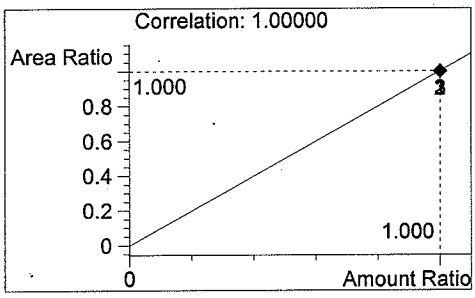
vial # 18




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1313 | 1.077 |
| 2 | n-Propanol | 2600 | 1.769 |
| Tot | | | |




Ethanol 0.107 g/100ml




n-Propanol 1.000 g/100ml

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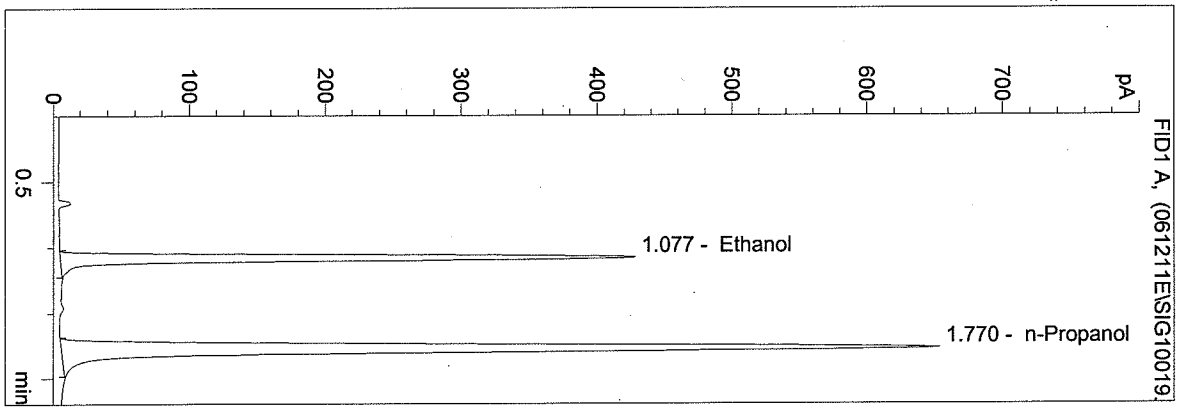
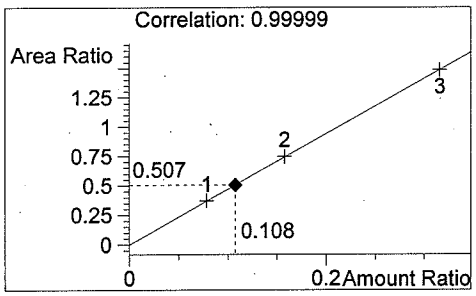
SIMUALTOR SOLUTION

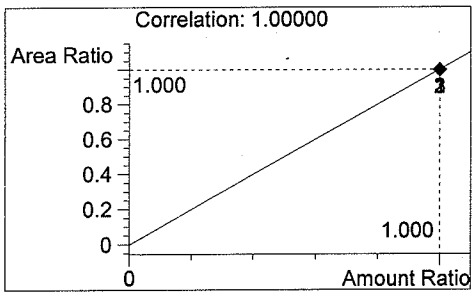
vial # 19




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1333 | 1.077 |
| 2 | n-Propanol | 2630 | 1.770 |
| Tot | | | |




Ethanol 0.108 g/100ml




n-Propanol 1.000 g/100ml

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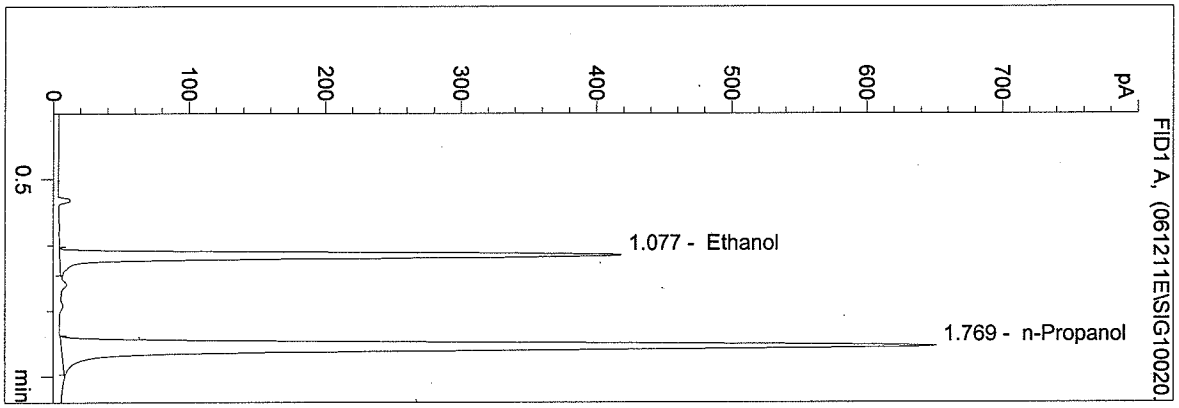
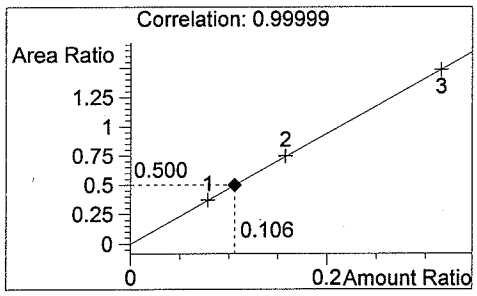
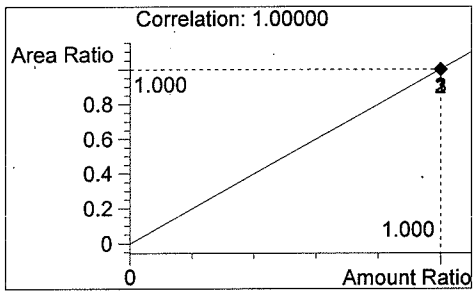
vial # 20




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1308 | 1.077 |
| 2 | n-Propanol | 2618 | 1.769 |
| Tot | | | |




Ethanol 0.106 g/100ml




n-Propanol 1.000 g/100ml

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Instrument 1
DB ALC 1

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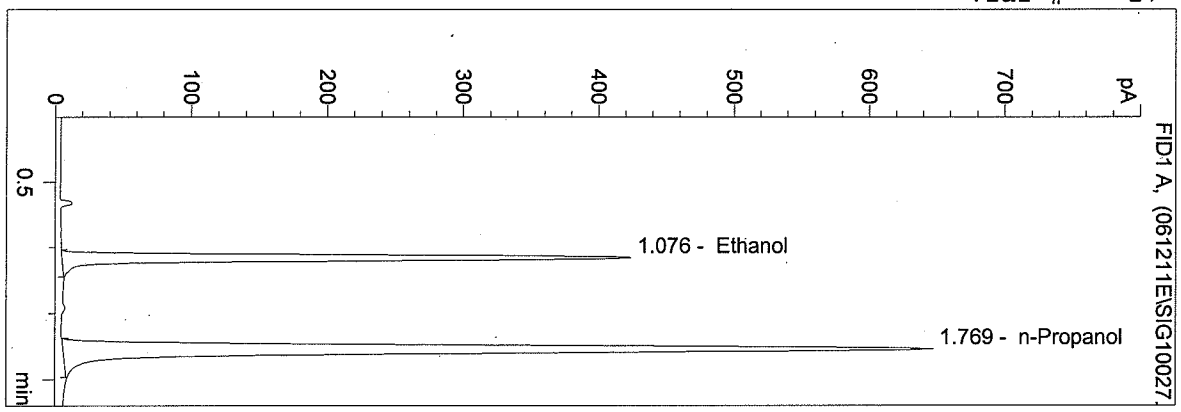
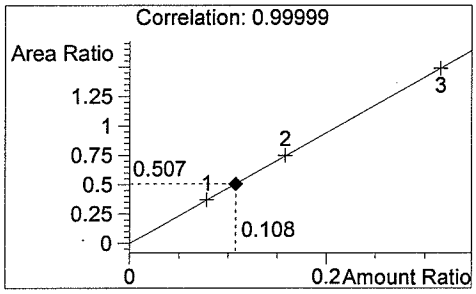
SIMUALTOR SOLUTION

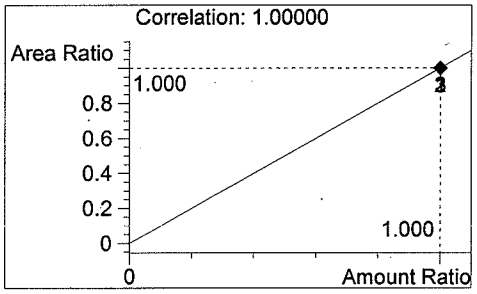
vial # 27




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1316 | 1.076 |
| 2 | n-Propanol | 2598 | 1.769 |
| Tot | | | |




Ethanol 0.108 g/100ml




n-Propanol 1.000 g/100ml

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Instrument 1
DB ALC 1

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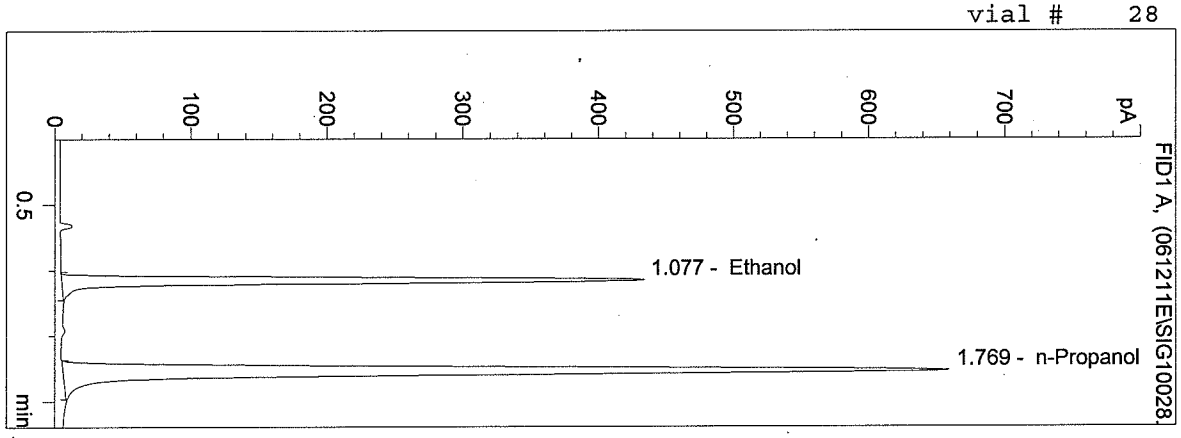
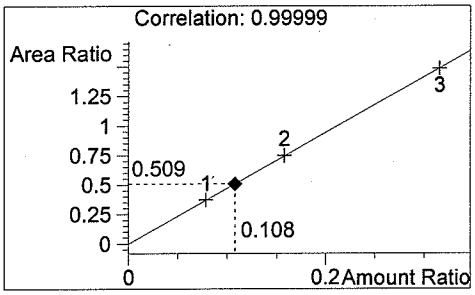
SIMUALTOR SOLUTION

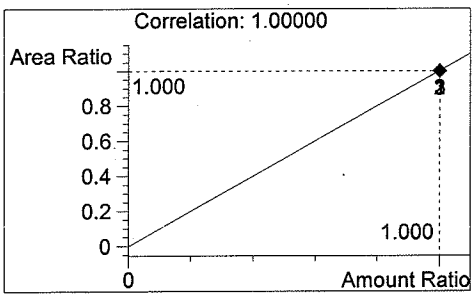
vial # 28




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1349 | 1.077 |
| 2 | n-Propanol | 2652 | 1.769 |
| Tot | | | |




Ethanol 0.108 g/100ml




n-Propanol 1.000 g/100ml

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Instrument 1
DB ALC 1

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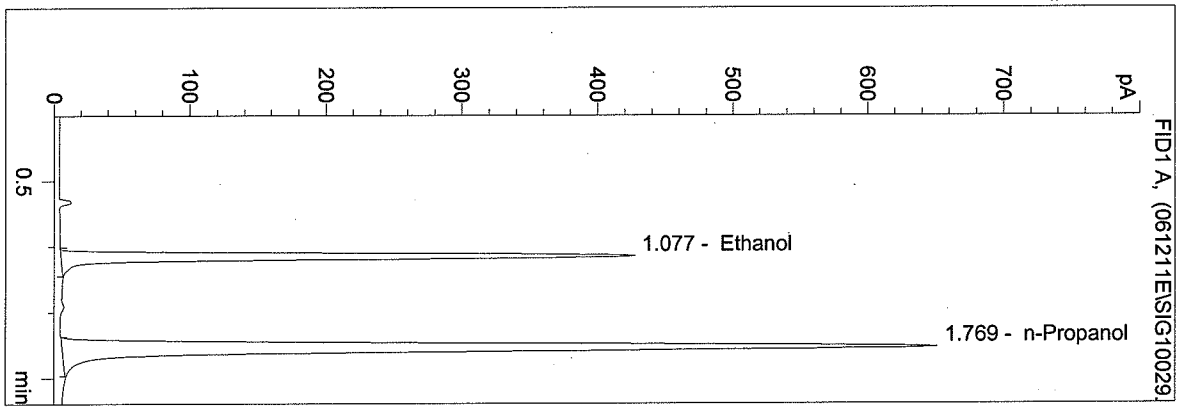
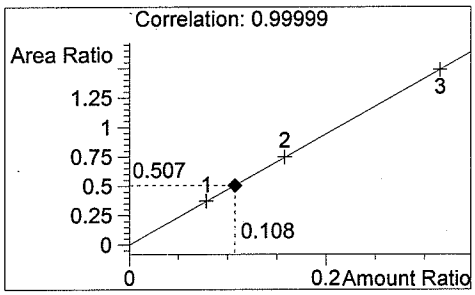
SIMUALTOR SOLUTION

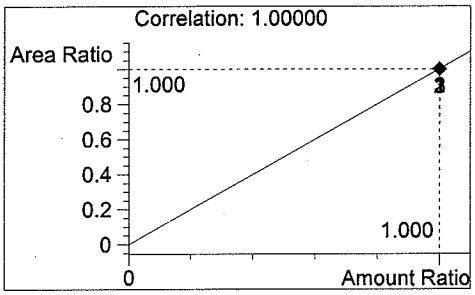
vial # 29




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1329 | 1.077 |
| 2 | n-Propanol | 2623 | 1.769 |
| Tot | | | |




Ethanol 0.108 g/100ml




n-Propanol 1.000 g/100ml

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Instrument 1
DB ALC 1

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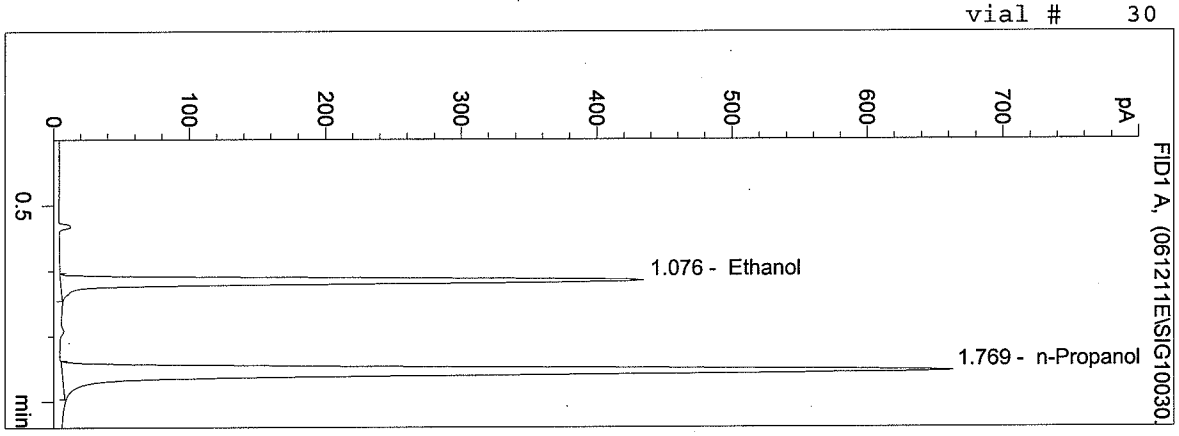
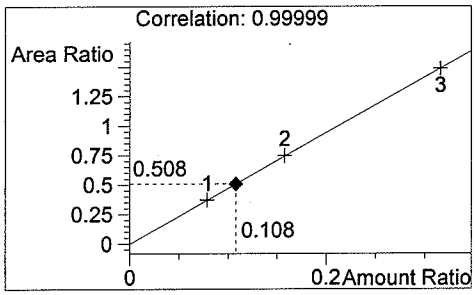
SIMUALTOR SOLUTION

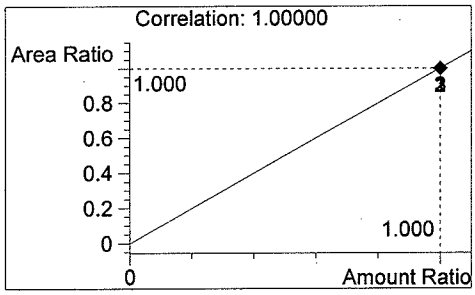
vial # 30




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1352 | 1.076 |
| 2 | n-Propanol | 2662 | 1.769 |
| Tot | | | |




Ethanol 0.108 g/100ml




n-Propanol 1.000 g/100ml

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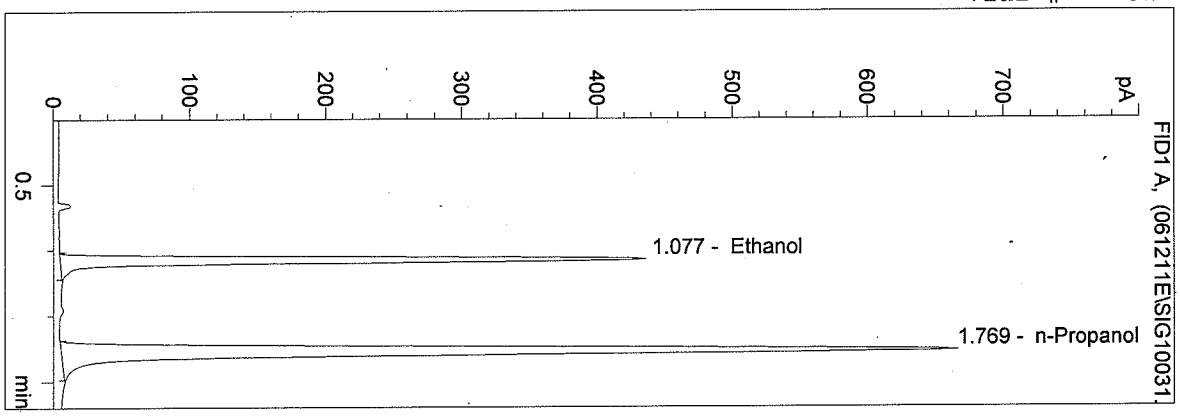
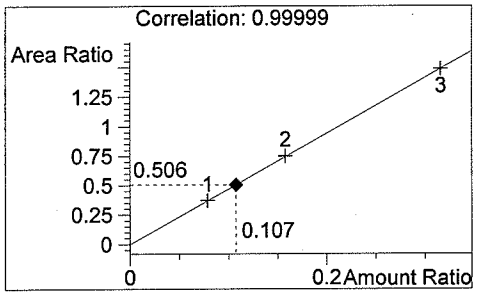
Instrument 1
DB ALC 1

06049-AG
SIMUALTOR SOLUTION

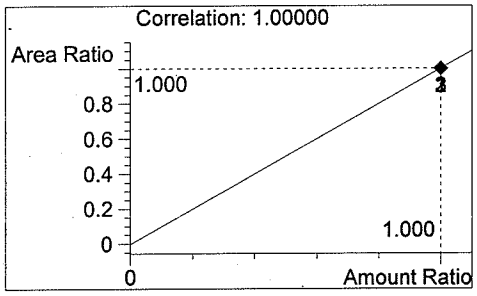
vial # 31




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1357 | 1.077 |
| 2 | n-Propanol | 2681 | 1.769 |
| Tot | | | |




Ethanol 0.107 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
DB ALC 1

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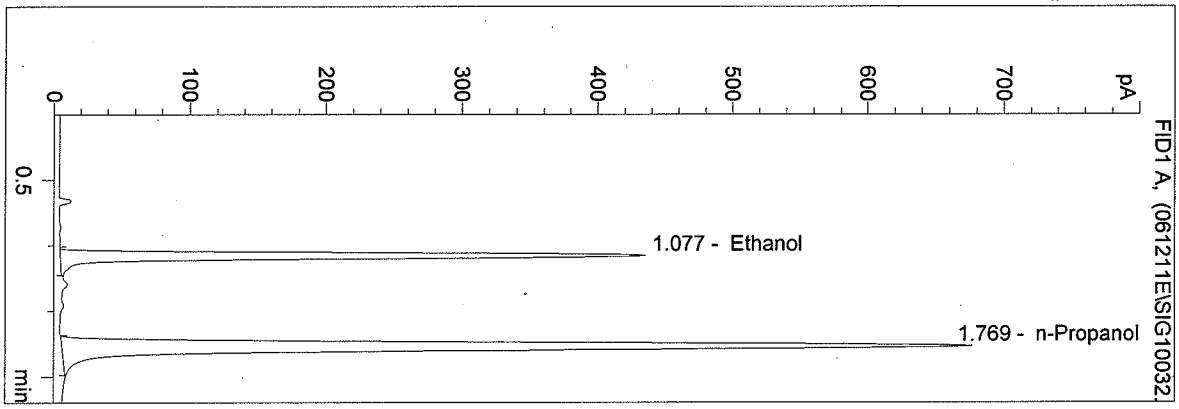
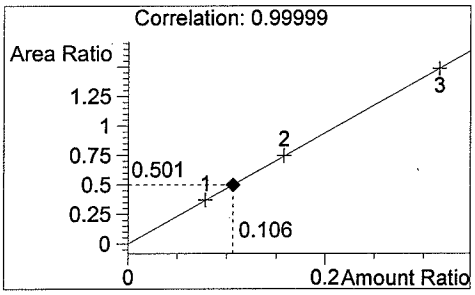
SIMUALTOR SOLUTION

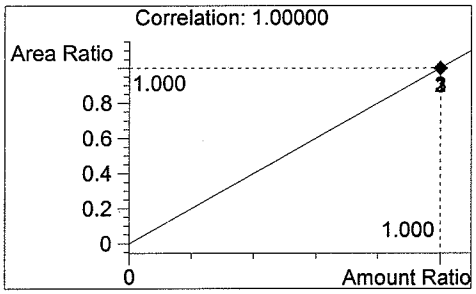
vial # 32




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1365 | 1.077 |
| 2 | n-Propanol | 2725 | 1.769 |
| Tot | | | |




Ethanol 0.106 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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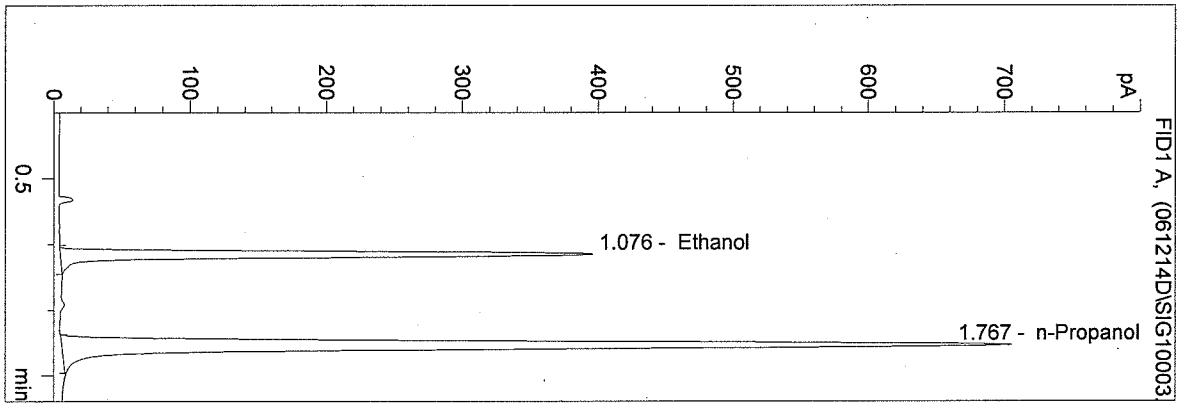
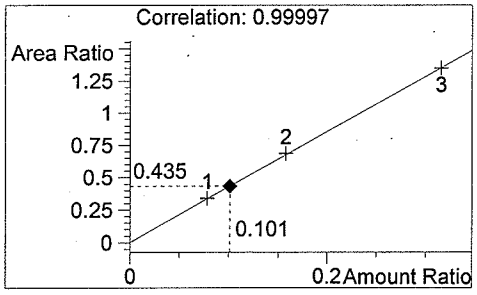
Instrument 1
DB ALC 1

06049-1 SIM
N Nuwayhid, PhD

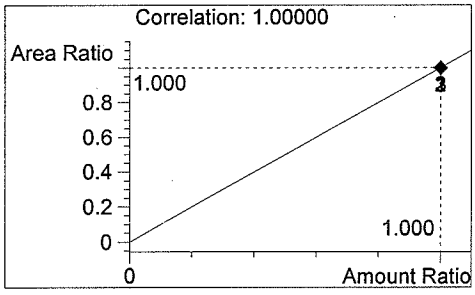
vial # 3




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1232 | 1.076 |
| 2 | n-Propanol | 2830 | 1.767 |
| Tot | | | |




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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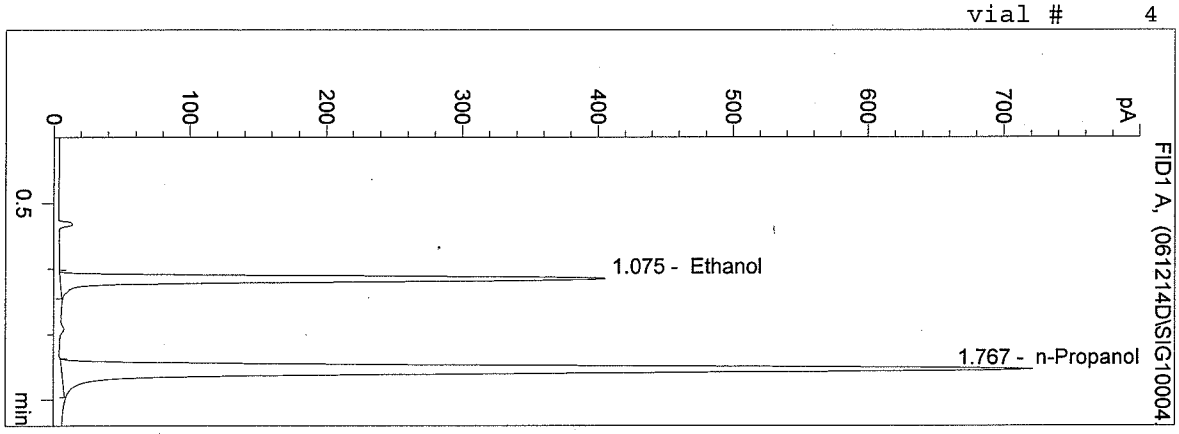
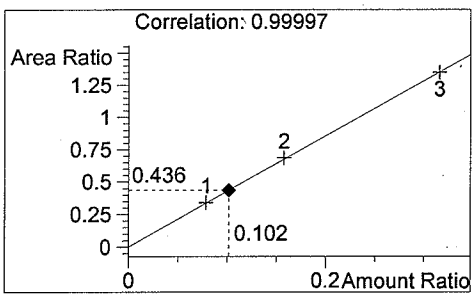
Instrument 1
DB ALC 1

06049-2 SIM
N Nuwayhid, PhD

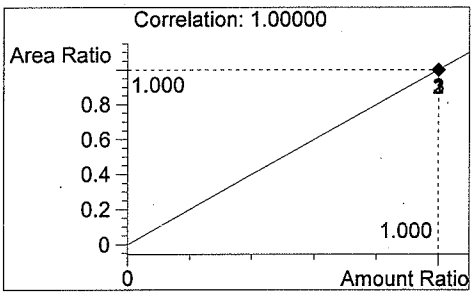
vial # 4




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1257 | 1.075 |
| 2 | n-Propanol | 2880 | 1.767 |
| Tot | | | |




Ethanol 0.102 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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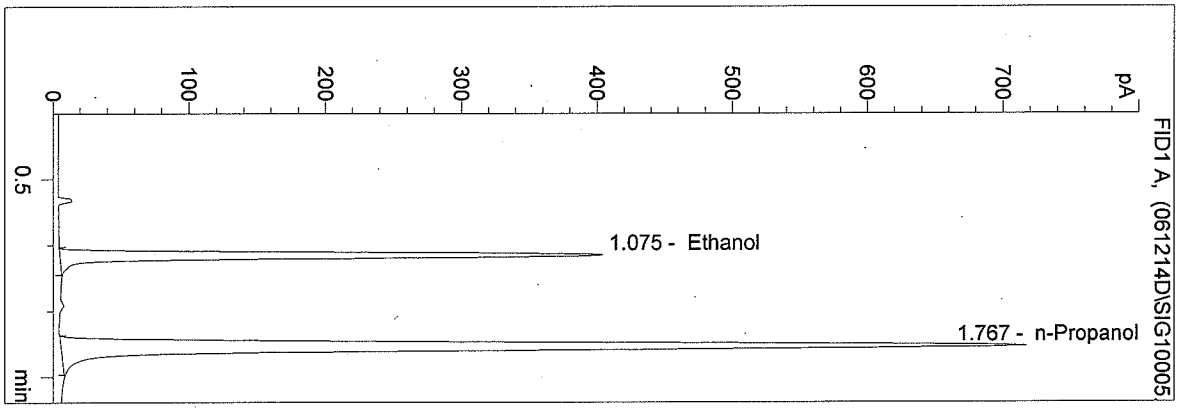
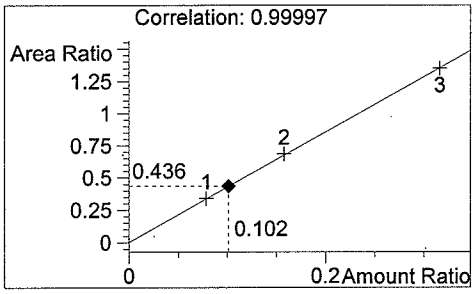
12/14/2006 10:07:47 AM
Instrument 1
DB ALC 1

06049-3 SIM
N Nuwayhid, PhD

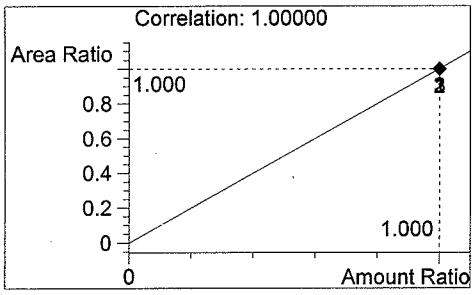
vial # 5




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1251 | 1.075 |
| 2 | n-Propanol | 2869 | 1.767 |
| Tot | | | |




Ethanol 0.102 g/100ml



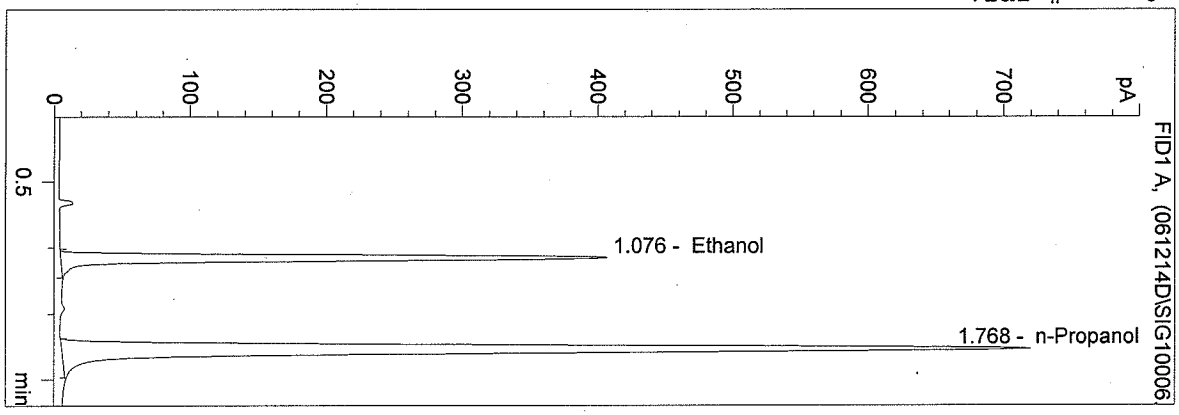

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

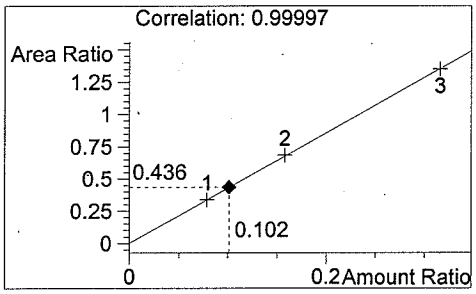
C:\HPCHEM\1\METHODS\BLDALCO.M
12/14/2006 10:10:51 AM
Instrument 1
DB ALC 1

06049-4 SIM
N Nuwayhid, PhD

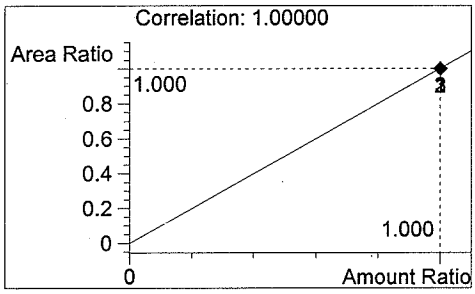
vial # 6




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1259 | 1.076 |
| 2 | n-Propanol | 2886 | 1.768 |
| Tot | | | |




Ethanol 0.102 g/100ml



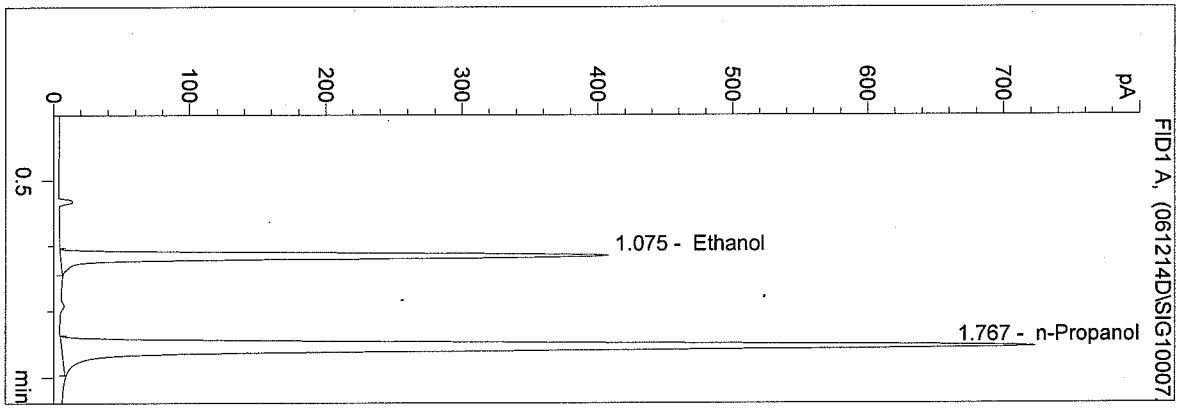

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

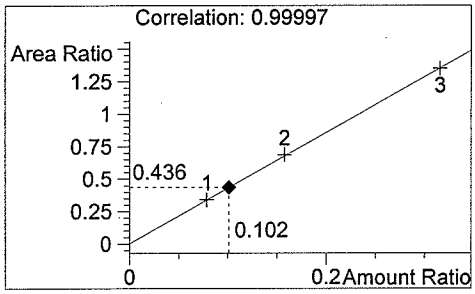
C:\HPCHEM\1\METHODS\BLDALCO.M
12/14/2006 10:13:56 AM
Instrument 1
DB ALC 1

06049-5 SIM
N Nuwayhid, PhD

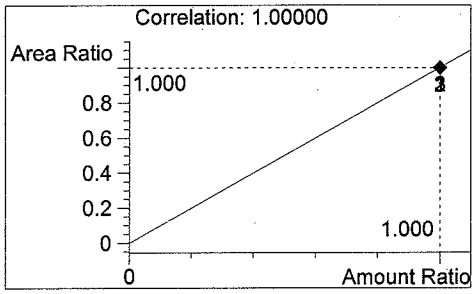
vial # 7




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1265 | 1.075 |
| 2 | n-Propanol | 2900 | 1.767 |
| Tot | | | |




Ethanol 0.102 g/100ml



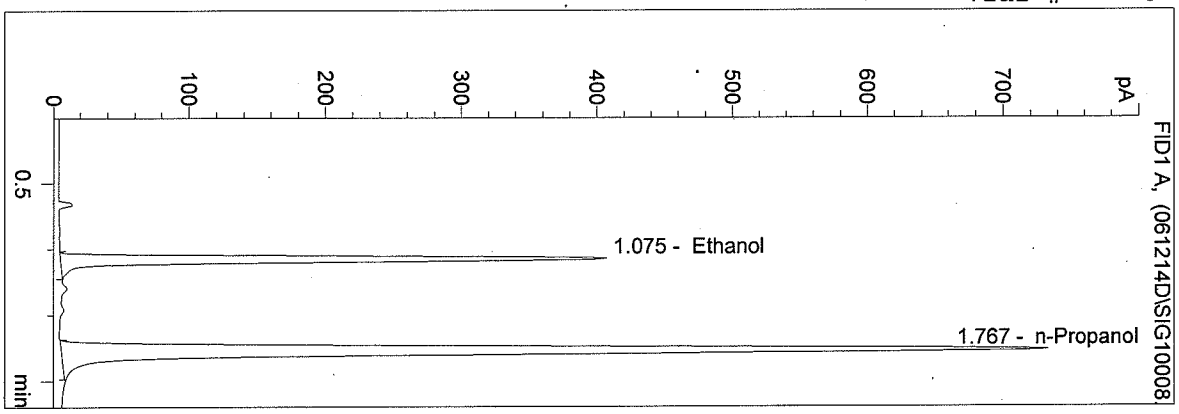

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

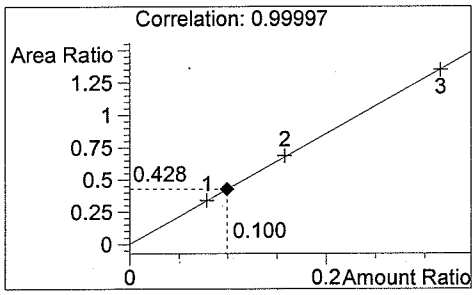
C:\HPCHEM\1\METHODS\BLDALCO.M
12/14/2006 10:17:01 AM
Instrument 1
DB ALC 1

0.100 C
N Nuwayhid, PhD

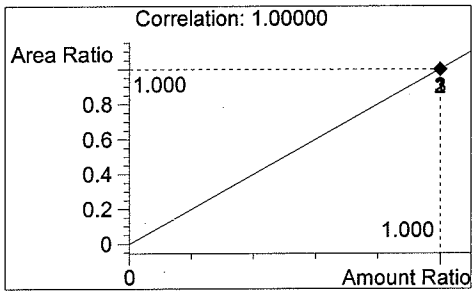
vial # 8




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1259 | 1.075 |
| 2 | n-Propanol | 2942 | 1.767 |
| Tot | | | |




Ethanol 0.100 g/100ml



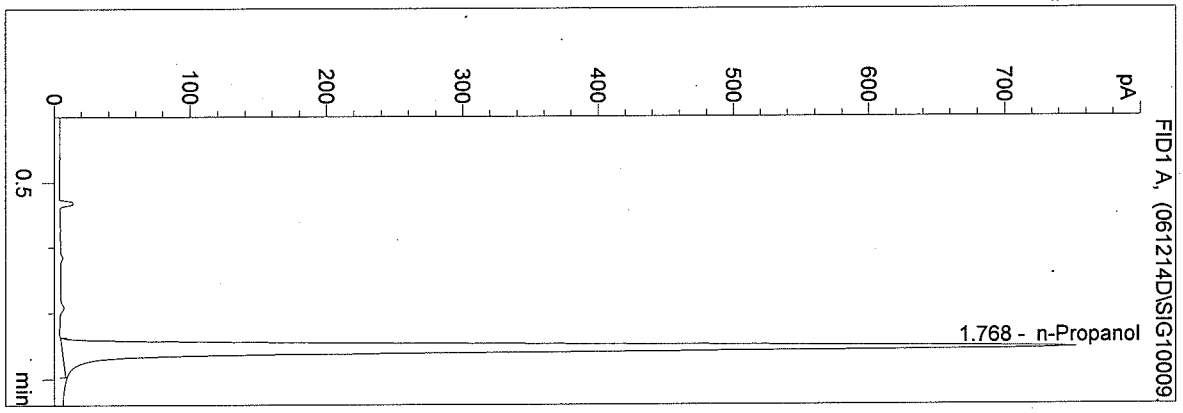

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

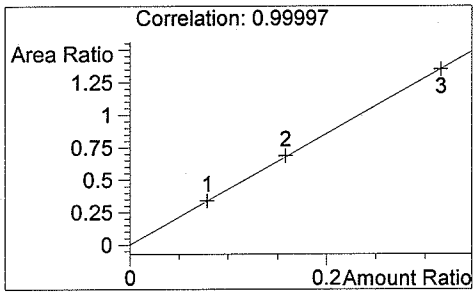
C:\HPCHEM\1\METHODS\BLDALCO.M
12/14/2006 10:20:06 AM
Instrument 1
DB ALC 1

Blank
N Nuwayhid, PhD

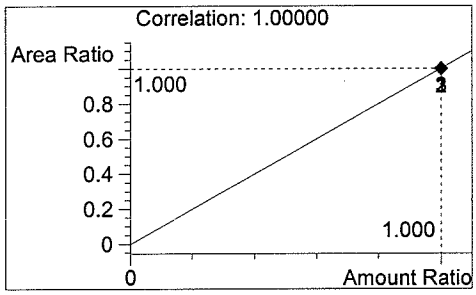
vial # 9




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 3023 | 1.768 |
| Tot | | | |




Ethanol 0.000 g/100ml




n-Propanol 1.000 g/100ml

Sequence Parameters:

| | |
|---|---|
| Operator: | N Nuwayhid, PhD |
| 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: | 061214D |
| 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 |
|---|---|---|---|---|---|---|---|
| 12/14/06 1 | Vial 1 | ~~Blank~~ 0.1c NN | BLDALCO | 1 | Sample | | |
| 2 | Vial 2 | ~~0.100 C~~ Blank NN | BLDALCO | 1 | Ctrl Samp | | |
| 12/14/06 3 | Vial 3 | 06049-1 SIM | BLDALCO | 1 | Sample | | |
| 4 | Vial 4 | 06049-2 SIM | BLDALCO | 1 | Sample | | |
| 5 | Vial 5 | 06049-3 SIM | BLDALCO | 1 | Sample | | |
| 6 | Vial 6 | 06049-4 SIM | BLDALCO | 1 | Sample | | |
| 7 | Vial 7 | 06049-5 SIM | BLDALCO | 1 | Sample | | |
| 8 | Vial 8 | 0.100 C | BLDALCO | 1 | Ctrl Samp | | |
| 9 | Vial 9 | Blank | BLDALCO | 1 | Sample | | |

Calibration Part:

| Line | Location | SampleName | Method | CalLev | Update RF | Update RT | Interval |
|---|---|---|---|---|---|---|---|

Sequence Table (Back Injector):

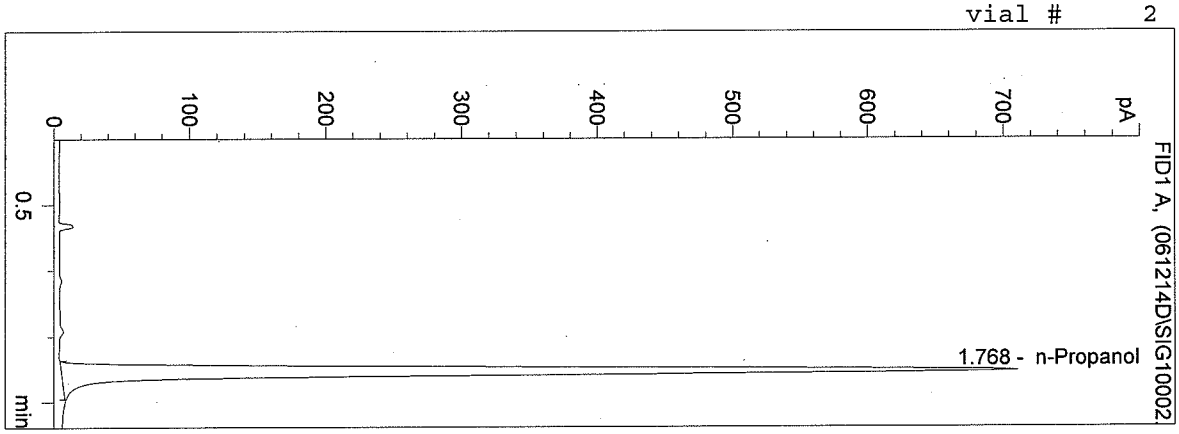
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

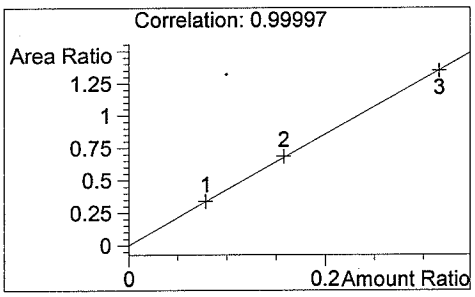
C:\HPCHEM\1\METHODS\BLDALCO.M
12/14/2006 9:58:32 AM
Instrument 1
DB ALC 1

~~0.100 G~~ Blank
N Nuwayhid, PhD
NN

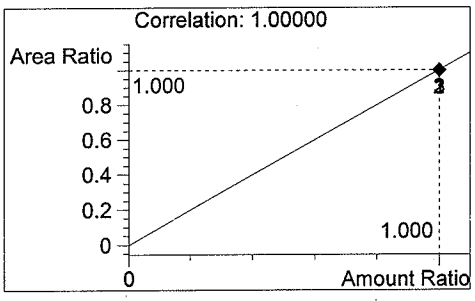
vial # 2




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2845 | 1.768 |
| Tot | | | |




Ethanol 0.000 g/100ml



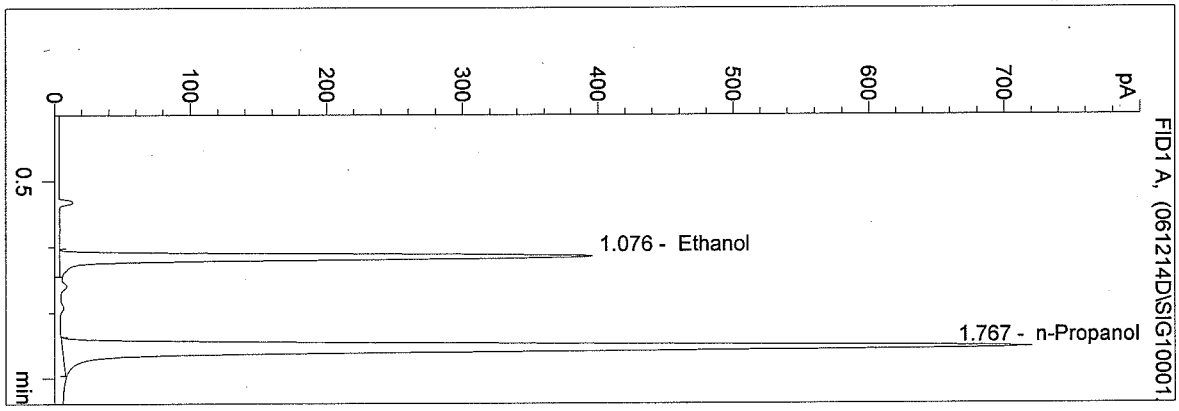

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

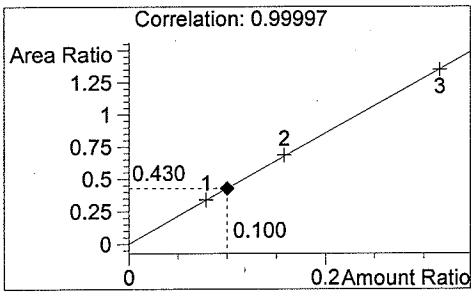
C:\HPCHEM\1\METHODS\BLDALCO.M
12/14/2006 9:55:27 AM
Instrument 1
DB ALC 1

~~Blank~~ 0.1c
N Nuwayhid, PhD
MN

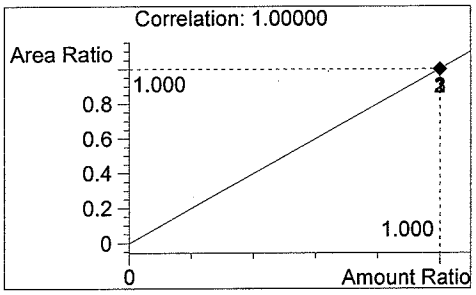
vial # 1




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1240 | 1.076 |
| 2 | n-Propanol | 2884 | 1.767 |
| Tot | | | |




Ethanol 0.100 g/100ml



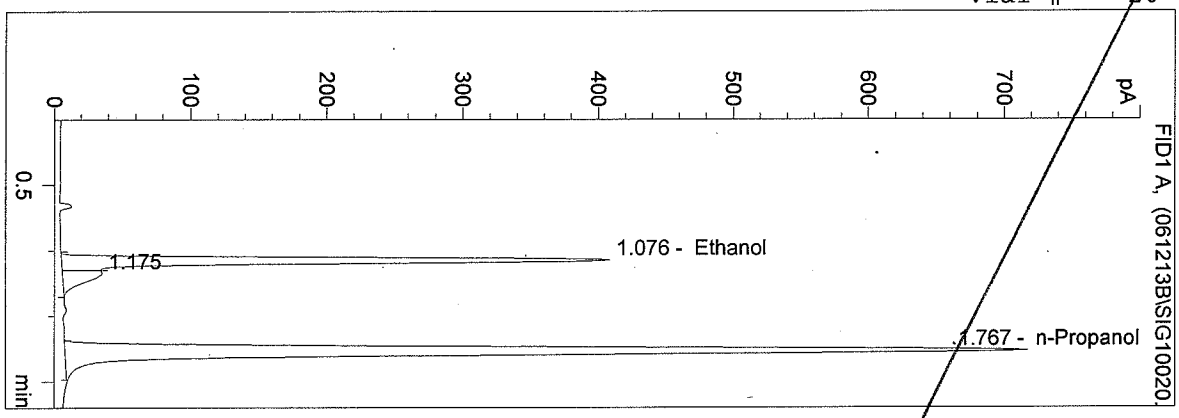

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

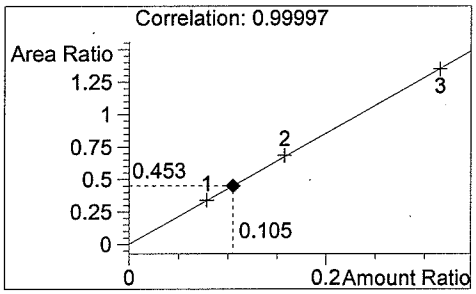
C:\HPCHEM\1\METHODS\BLDALCO.M
12/13/2006 4:33:31 PM
Instrument 1
DB ALC 1

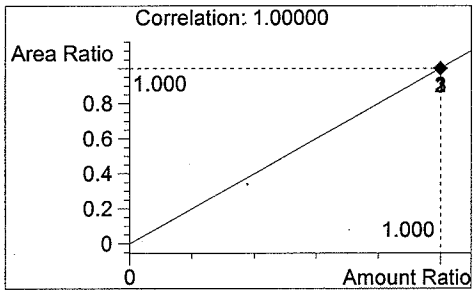
06049 Sim-1
N Nuwayhid, PhD

vial # 20




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1300 | 1.076 |
| 2 | | 179 | 1.175 |
| 3 | n-Propanol | 2872 | 1.767 |
| Tot | | | |




Ethanol 0.105 g/100ml

n-Propanol 1.000 g/100ml

will be redilated
NN 12/13/06

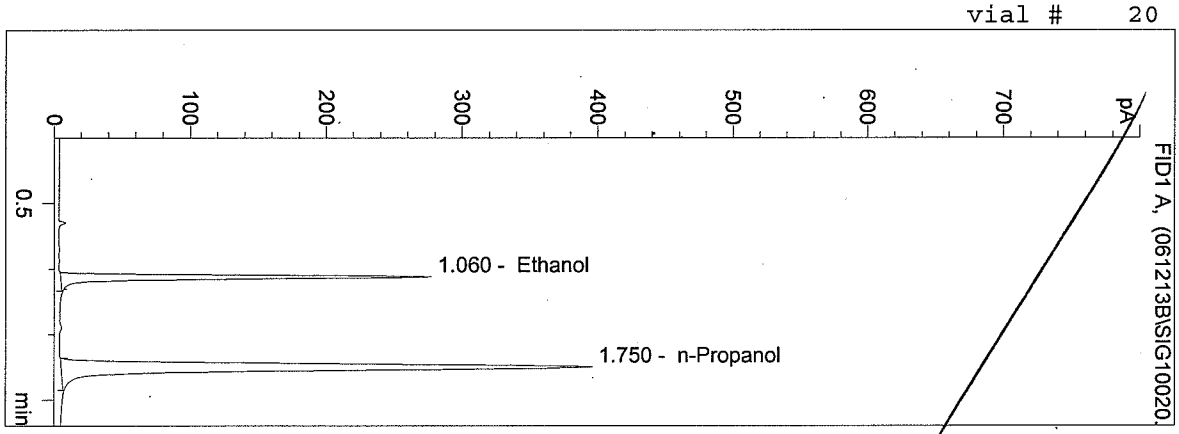
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
12/13/2006 5:07:14 PM
Instrument 1
DB ALC 1

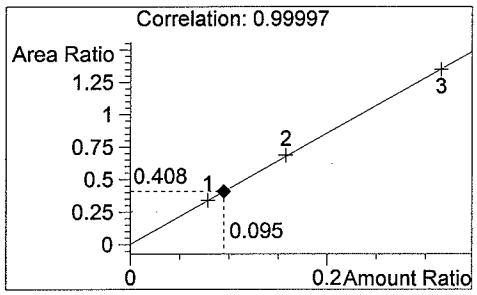
06049 Sim-1
N Nuwayhid, PhD

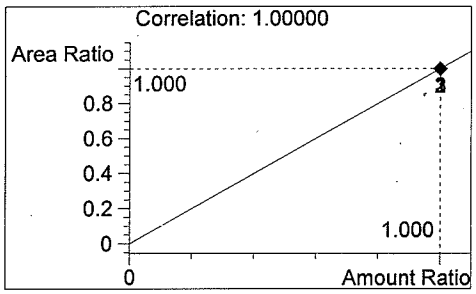
Re-injected

vial # 20




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 561 | 1.060 |
| 2 | n-Propanol | 1374 | 1.750 |
| Tot | | | |




not used

Ethanol 0.095 g/100ml

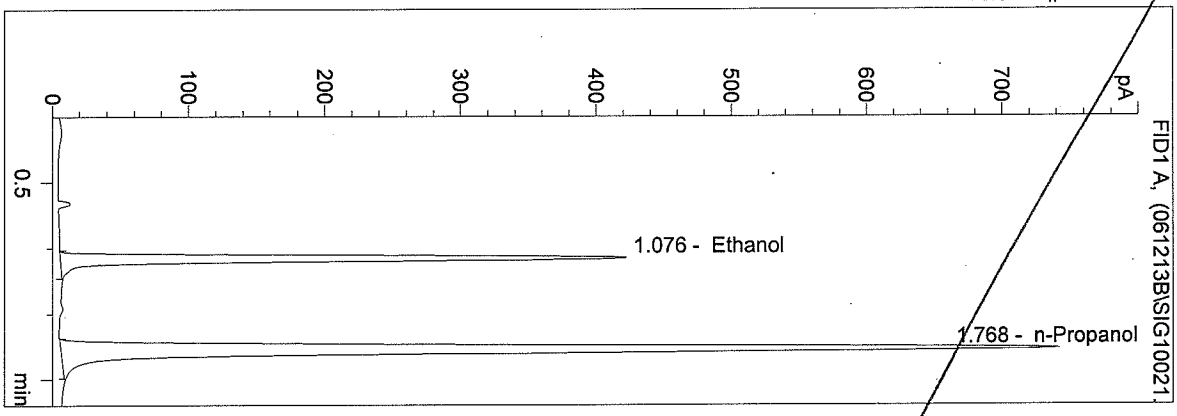
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

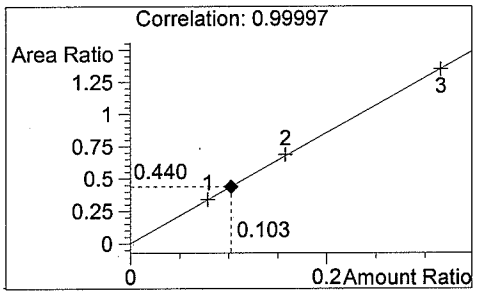
C:\HPCHEM\1\METHODS\BLDALCO.M
12/13/2006 4:36:36 PM
Instrument 1
DB ALC 1

06049 Sim-2
N Nuwayhid, PhD

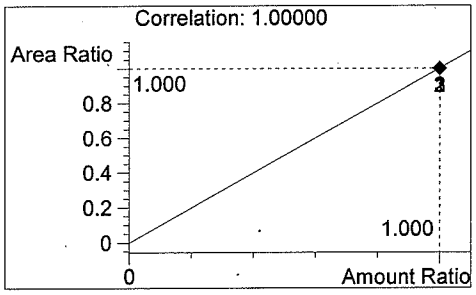
vial # 21




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1315 | 1.076 |
| 2 | n-Propanol | 2987 | 1.768 |
| Tot | | | |




Ethanol 0.103 g/100ml




n-Propanol 1.000 g/100ml

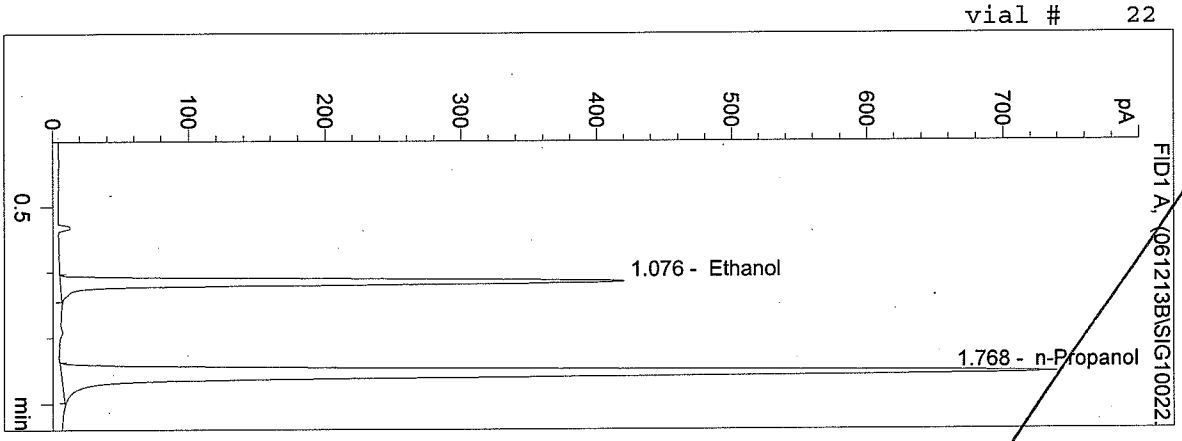
not used

WASHINGTON STATE TOXICOLOGY LABORATORY

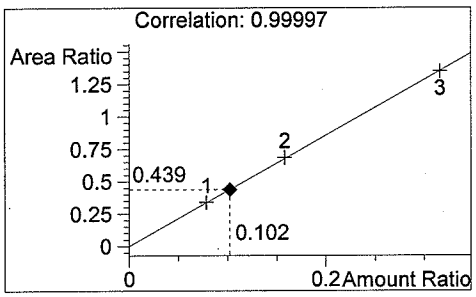
C:\HPCHEM\1\METHODS\BLDALCO.M
12/13/2006 4:39:41 PM
Instrument 1
DB ALC 1

06049 Sim-3
N Nuwayhid, PhD

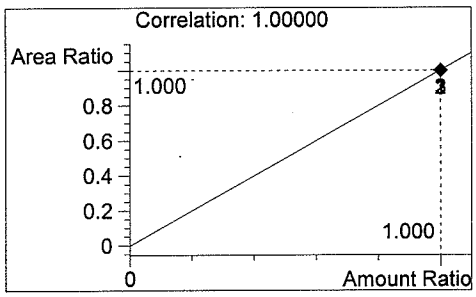
vial # 22




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1308 | 1.076 |
| 2 | n-Propanol | 2976 | 1.768 |
| Tot | | | |




Ethanol 0.102 g/100ml




n-Propanol 1.000 g/100ml

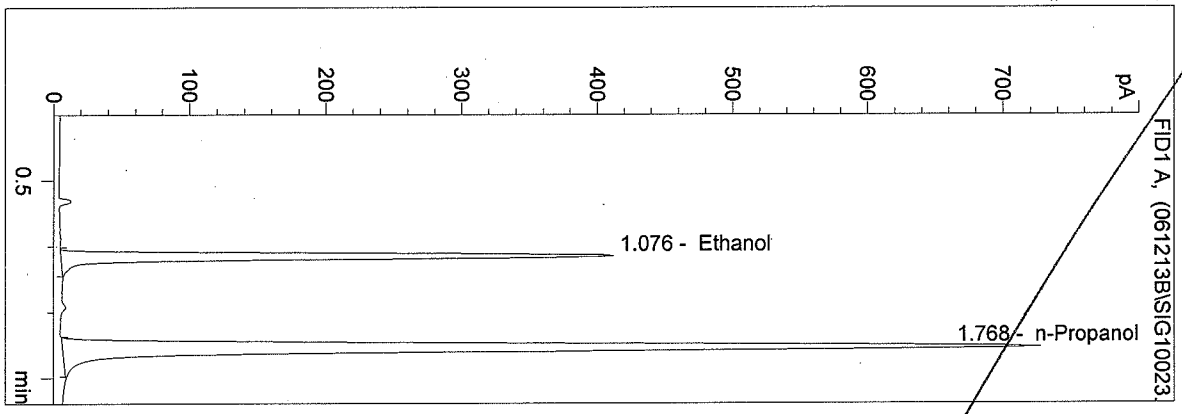
not used NN

WASHINGTON STATE TOXICOLOGY LABORATORY

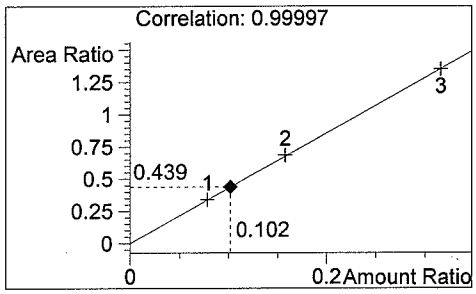
C:\HPCHEM\1\METHODS\BLDALCO.M
12/13/2006 4:42:46 PM
Instrument 1
DB ALC 1

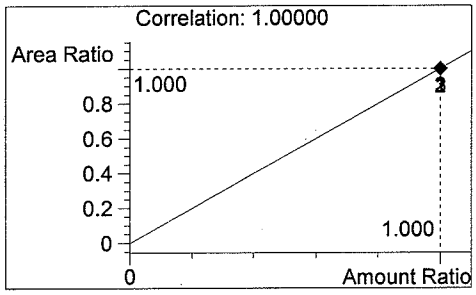
06049 Sim-4
N Nuwayhid, PhD

vial # 23




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1283 | 1.076 |
| 2 | n-Propanol | 2923 | 1.768 |
| Tot | | | |




Ethanol 0.102 g/100ml

n-Propanol 1.000 g/100ml

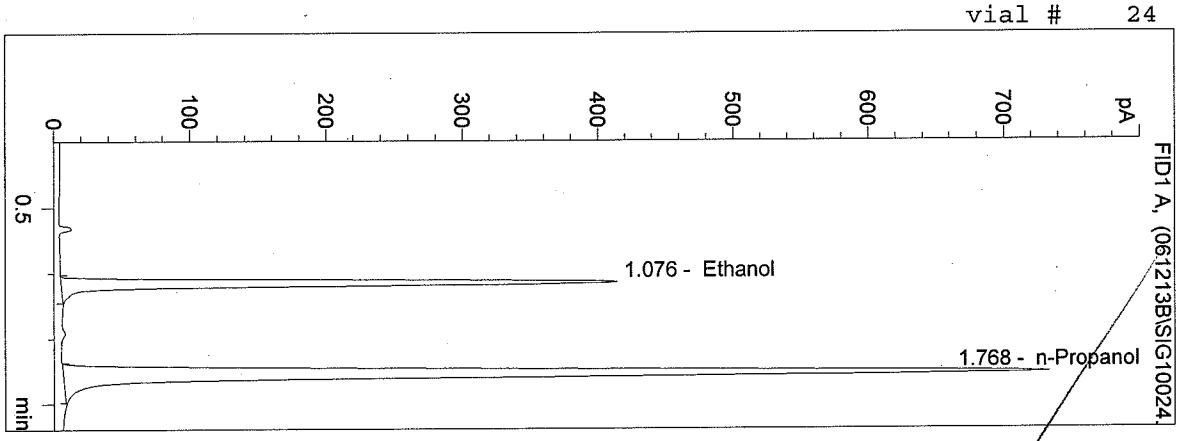
not used

WASHINGTON STATE TOXICOLOGY LABORATORY

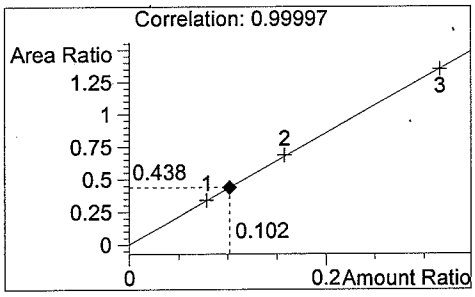
C:\HPCHEM\1\METHODS\BLDALCO.M
12/13/2006 4:45:49 PM
Instrument 1
DB ALC 1

06049 Sim-5
N Nuwayhid, PhD

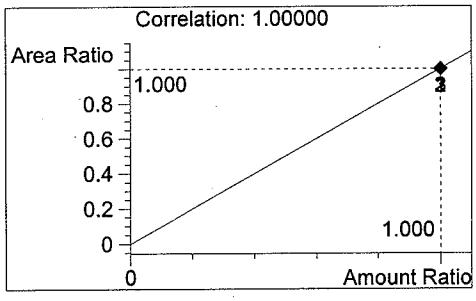
vial # 24




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1291 | 1.076 |
| 2 | n-Propanol | 2944 | 1.768 |
| Tot | | | |




Ethanol 0.102 g/100ml




n-Propanol 1.000 g/100ml

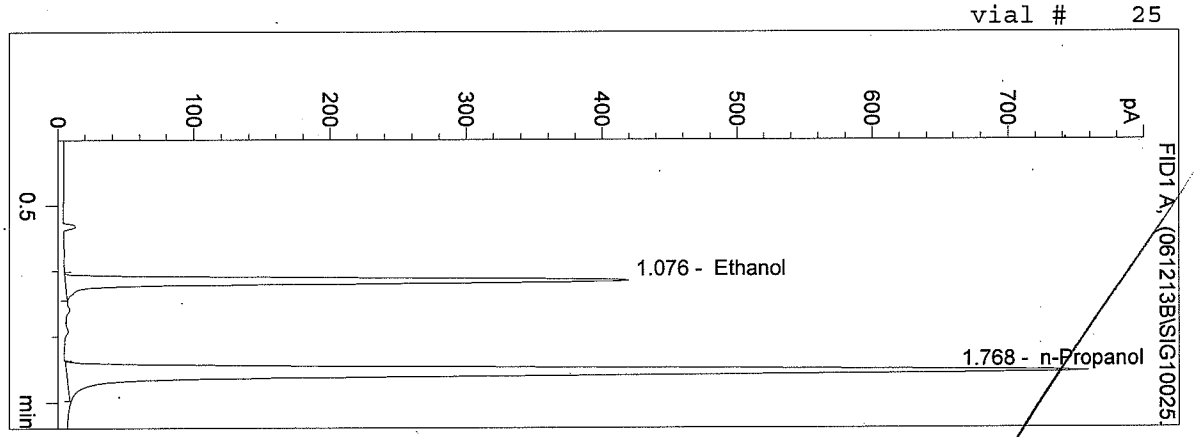
not used NN

WASHINGTON STATE TOXICOLOGY LABORATORY

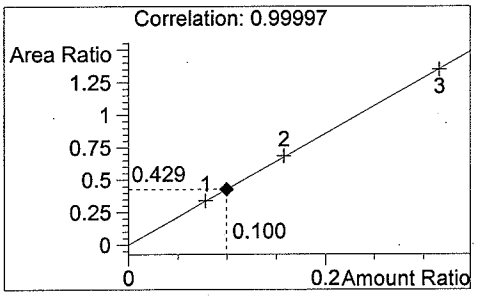
C:\HPCHEM\1\METHODS\BLDALCO.M
12/13/2006 4:48:54 PM
Instrument 1
DB ALC 1

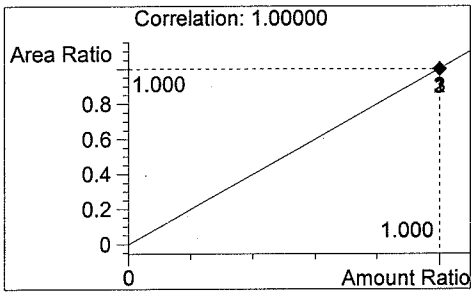
0.100 ctrl-NN
N Nuwayhid, PhD

vial # 25




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 1309 | 1.076 |
| 2 | n-Propanol | 3048 | 1.768 |
| Tot | | | |




| | | |
|---|---|---|
| Ethanol | 0.100 | g/100ml |
| n-Propanol | 1.000 | g/100ml |

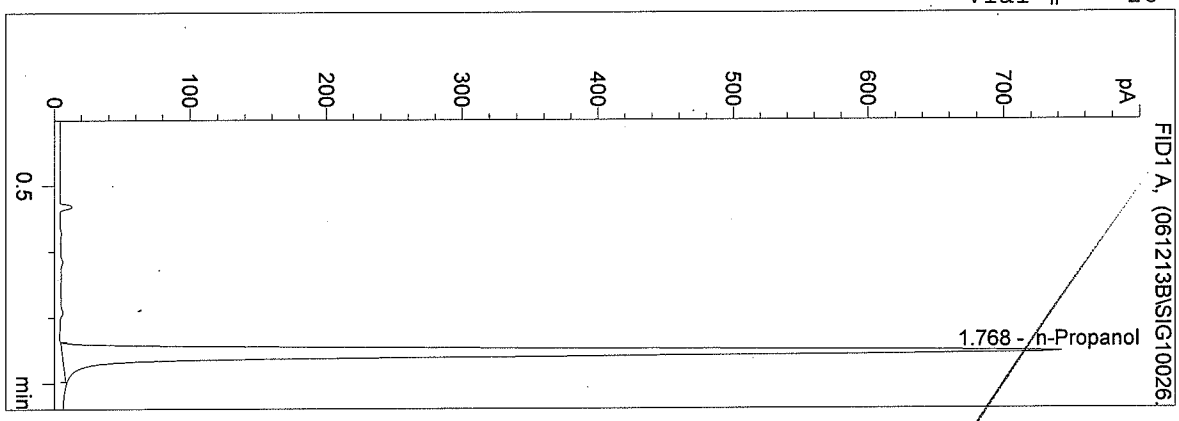
not used NN

WASHINGTON STATE TOXICOLOGY LABORATORY

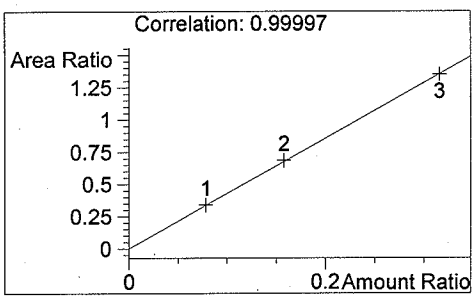
C:\HPCHEM\1\METHODS\BLDALCO.M
12/13/2006 4:51:59 PM
Instrument 1
DB ALC 1

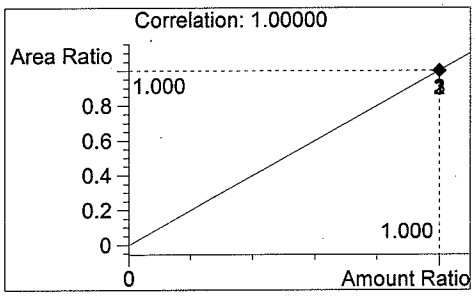
Blank
N Nuwayhid, PhD

vial # 26




| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2989 | 1.768 |
| Tot | | | |




Ethanol 0.000 g/100ml

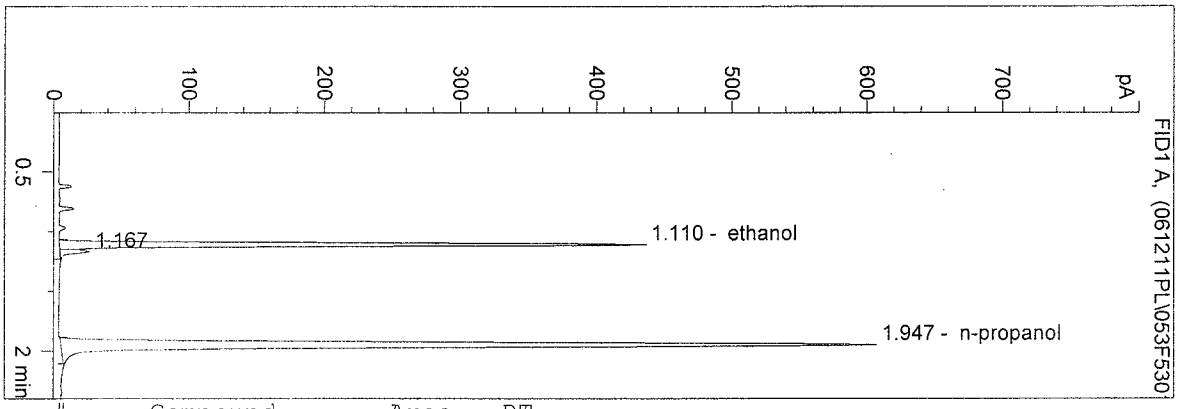
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/11/2006 12:33:44 PM
Instrument 5
DB-ALC2

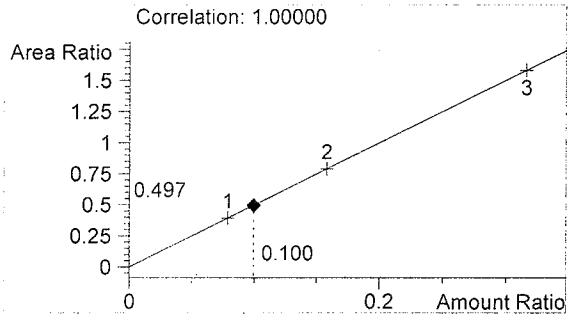
0.10ctl
plong

vial # 53

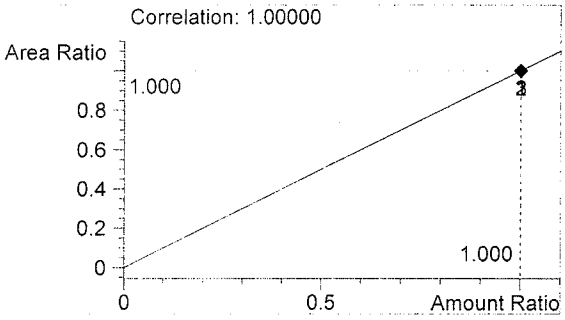



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 880 | 1.110 |
| 2 | | 43 | 1.167 |
| 3 | n-propanol | 1772 | 1.947 |

Totals:




ethanol 0.100 g/100ml



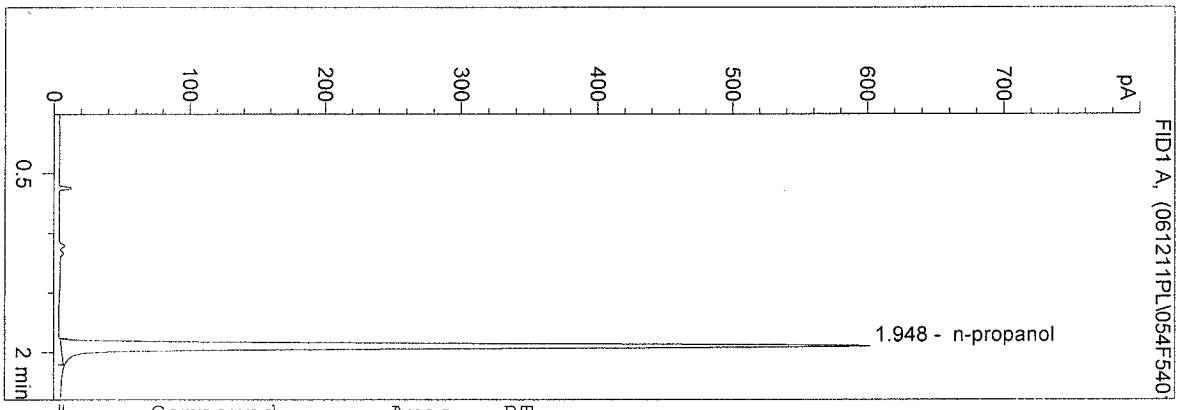

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/11/2006 12:37:15 PM
Instrument 5
DB-ALC2

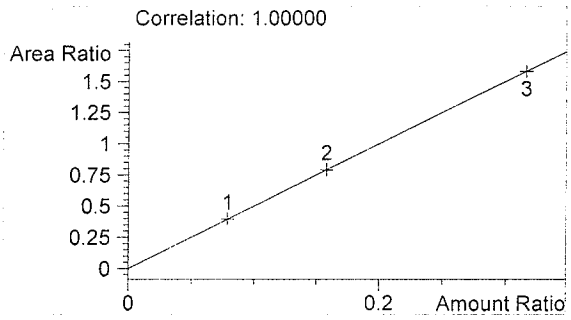
blk
plong

vial # 54

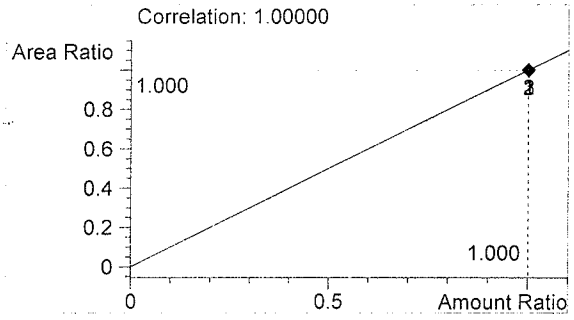



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1755 | 1.948 |

Totals:




ethanol 0.000 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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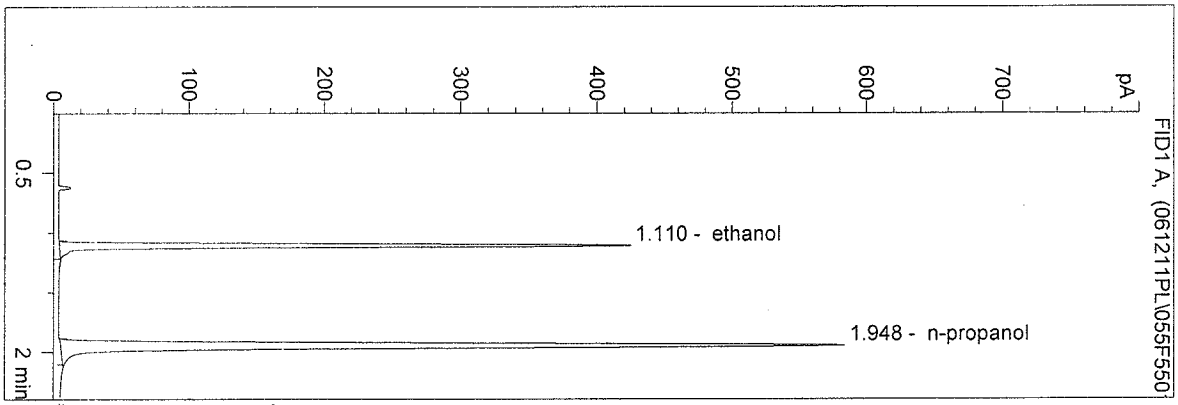
12/11/2006 12:42:13 PM
Instrument 5
DB-ALC2

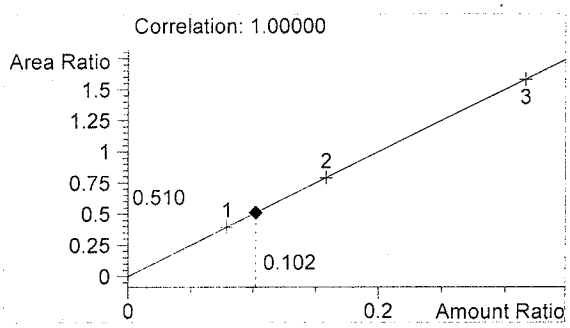
sim 06049-1
plong

vial # 55

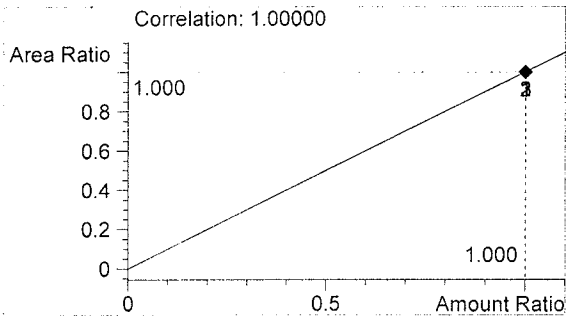



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 867 | 1.110 |
| 2 | n-propanol | 1701 | 1.948 |

Totals:




ethanol 0.102 g/100ml



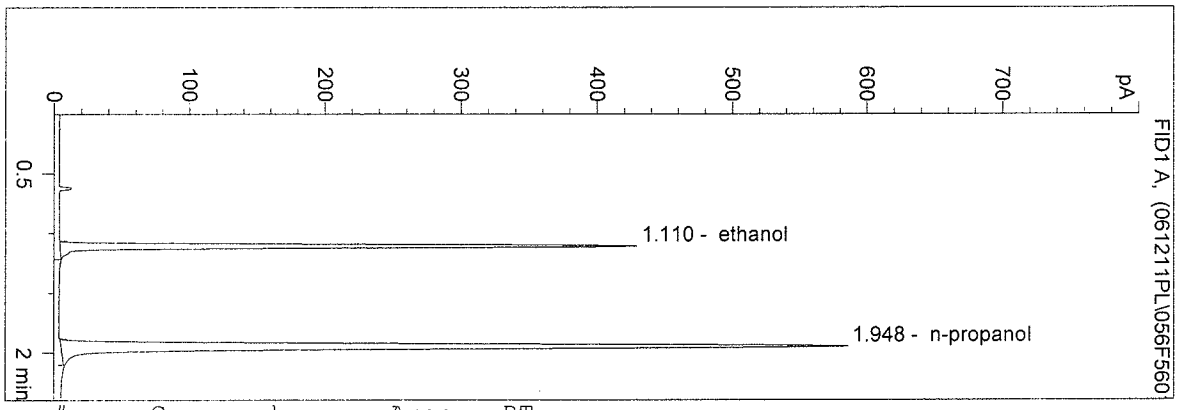

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/11/2006 12:45:37 PM
Instrument 5
DB-ALC2

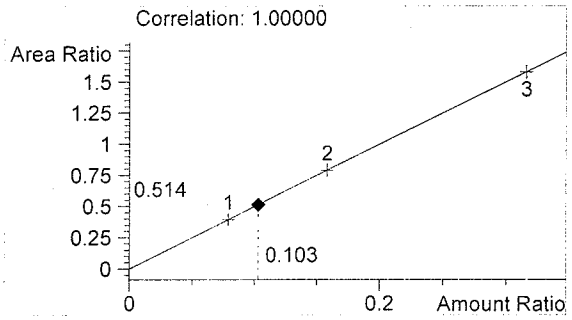
sim 06049-2
plong

vial # 56

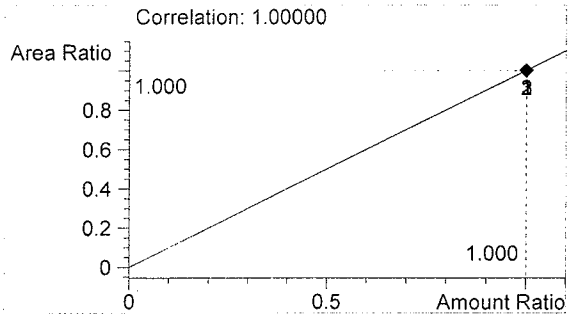



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 876 | 1.110 |
| 2 | n-propanol | 1706 | 1.948 |

Totals:




ethanol 0.103 g/100ml



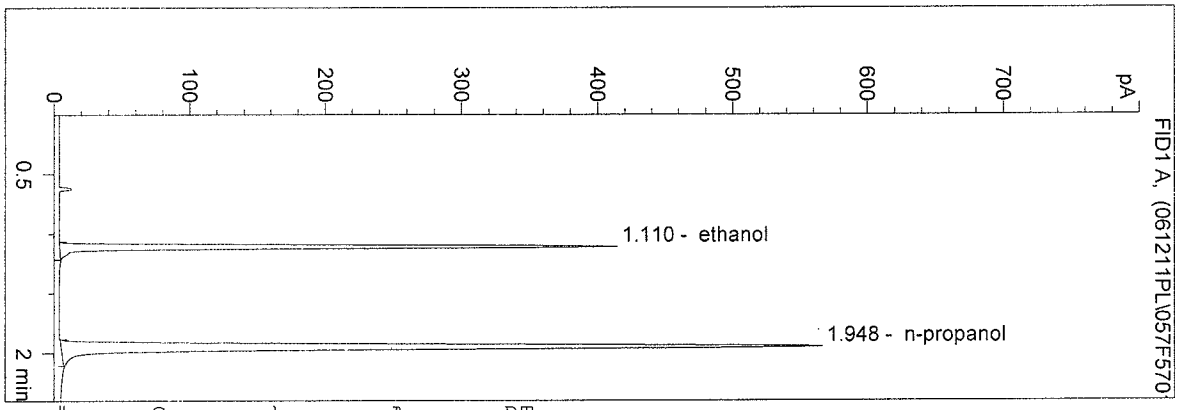

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/11/2006 12:49:14 PM
Instrument 5
DB-ALC2

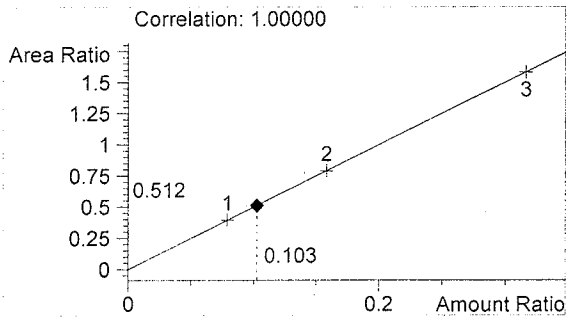
sim 06049-3
plong

vial # 57

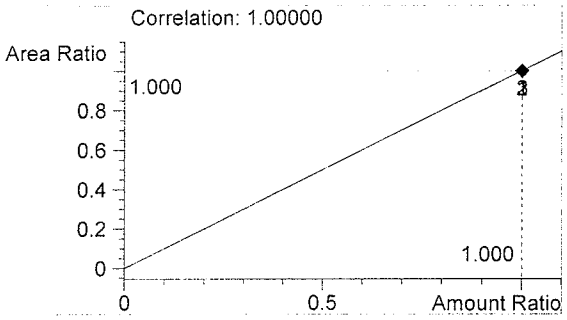



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 844 | 1.110 |
| 2 | n-propanol | 1650 | 1.948 |

Totals:




ethanol 0.103 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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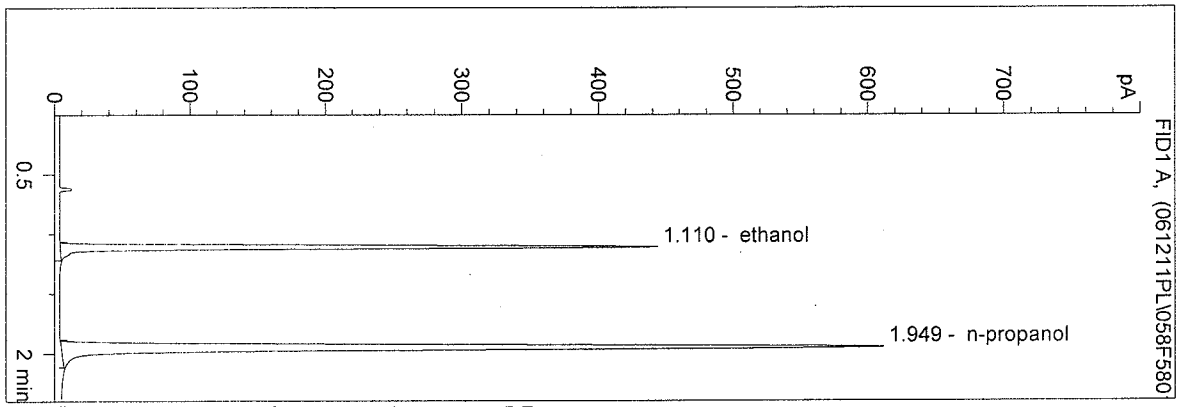
12/11/2006 12:54:08 PM
Instrument 5
DB-ALC2

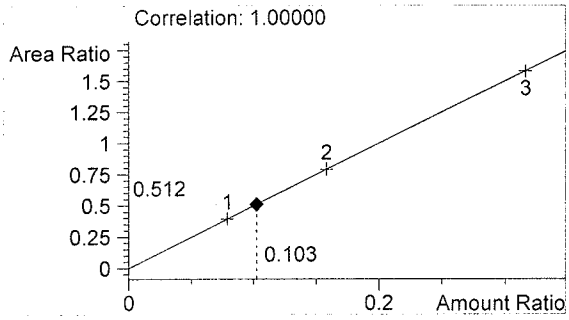
sim 06049-4
plong

vial # 58

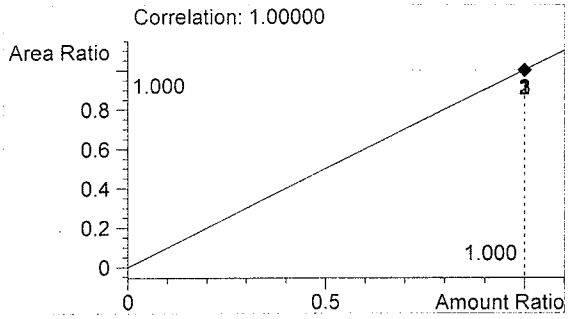



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 916 | 1.110 |
| 2 | n-propanol | 1789 | 1.949 |

Totals:




ethanol 0.103 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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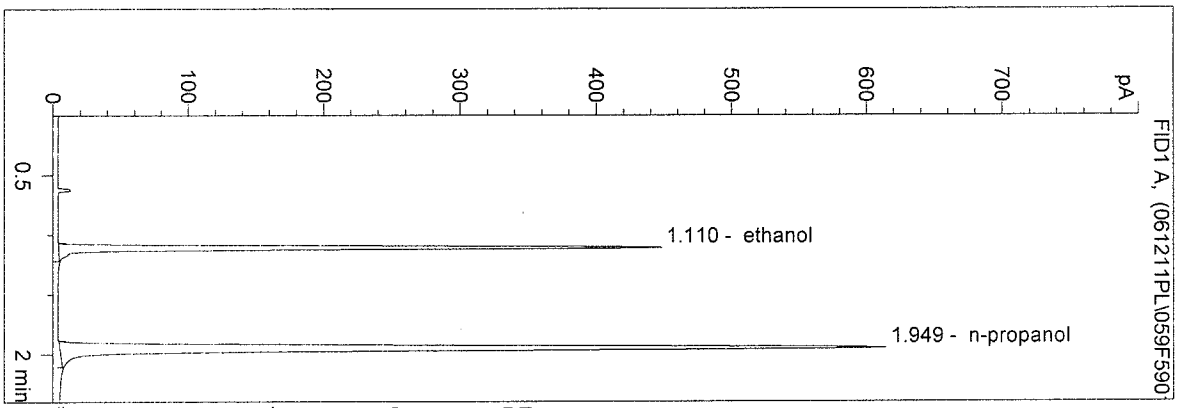
12/11/2006 12:57:27 PM
Instrument 5
DB-ALC2

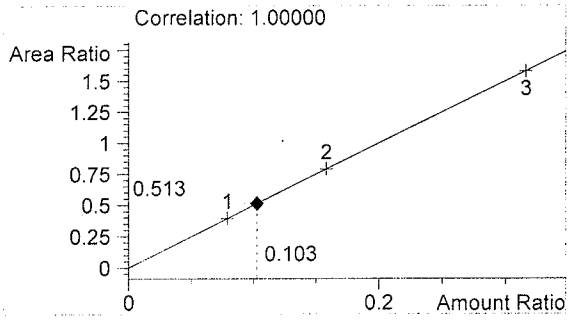
sim 06049-5
plong

vial # 59

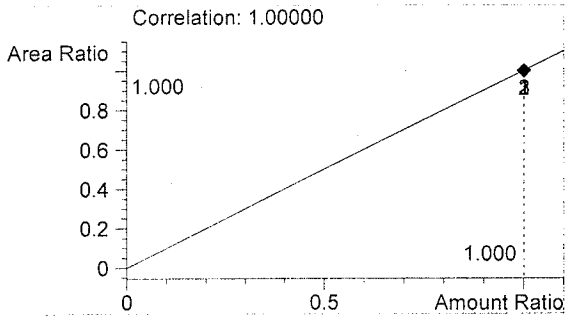



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 921 | 1.110 |
| 2 | n-propanol | 1793 | 1.949 |

Totals:




ethanol 0.103 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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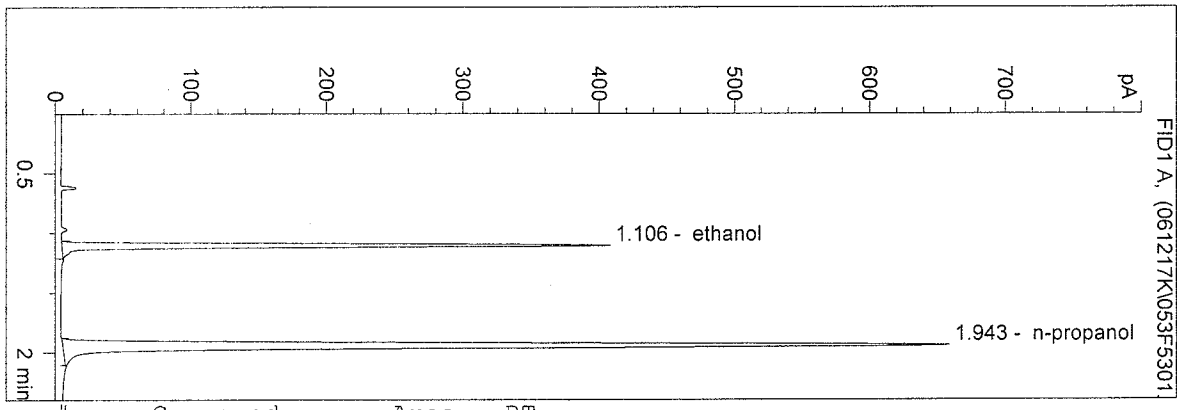
12/17/2006 9:25:49 AM
Instrument 5
DB-ALC2

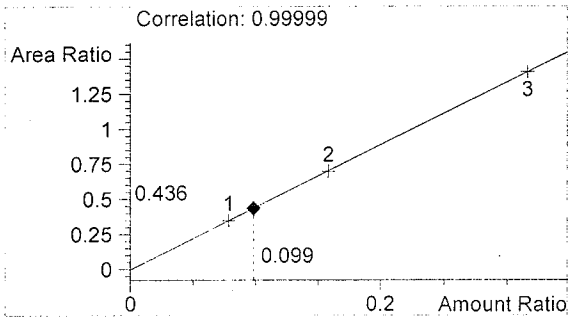
0.10 CTL-KDG
kgross

vial # 53

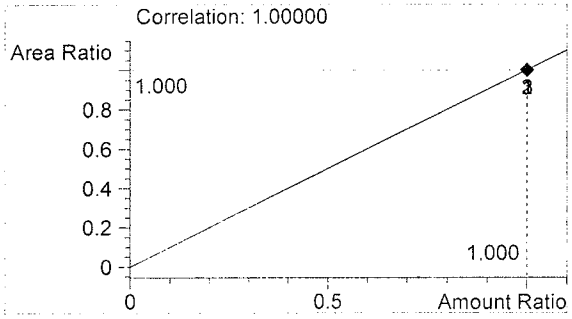



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 842 | 1.106 |
| 2 | n-propanol | 1930 | 1.943 |

Totals:




ethanol 0.099 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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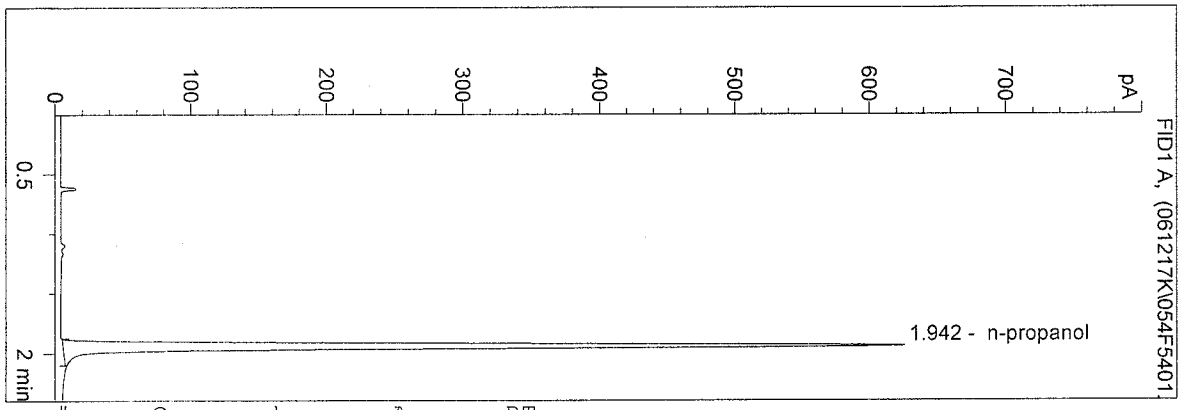
12/17/2006 9:29:12 AM
Instrument 5
DB-ALC2

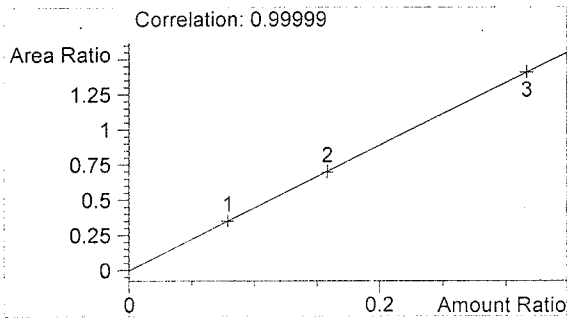
blank
kgross

vial # 54

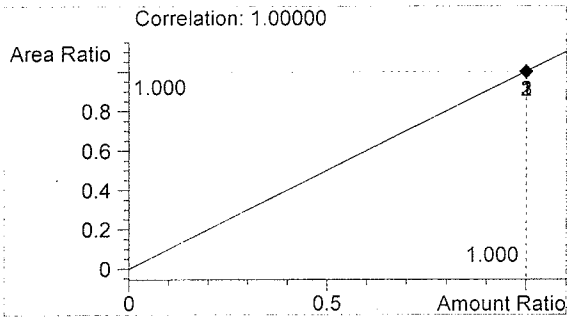



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1831 | 1.942 |

Totals:




ethanol 0.000 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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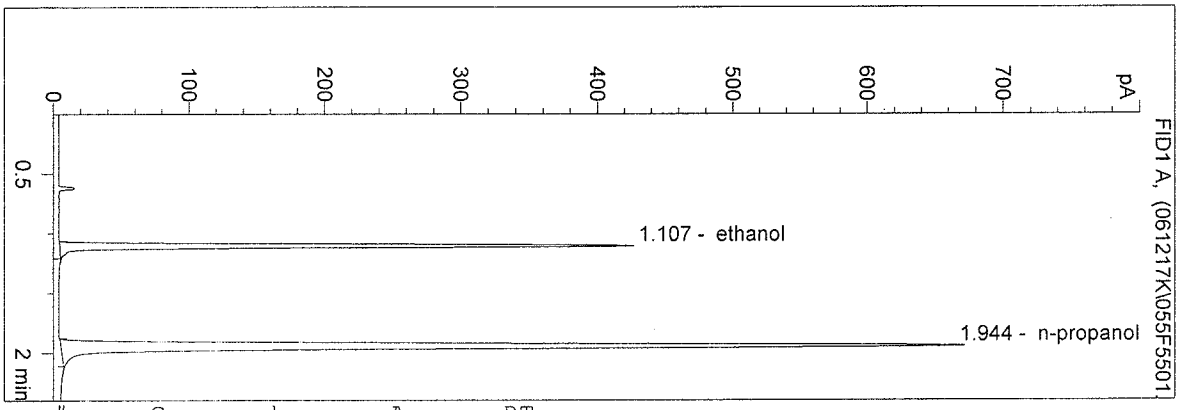
12/17/2006 9:34:17 AM
Instrument 5
DB-ALC2

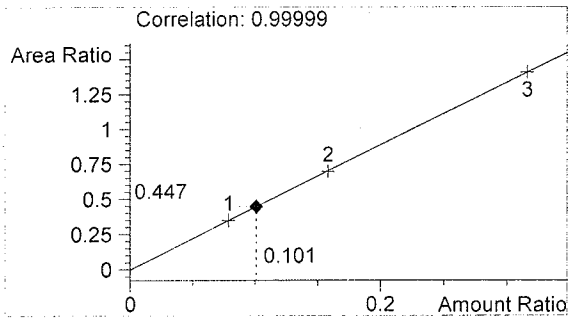
06049sim
kgross

vial # 55

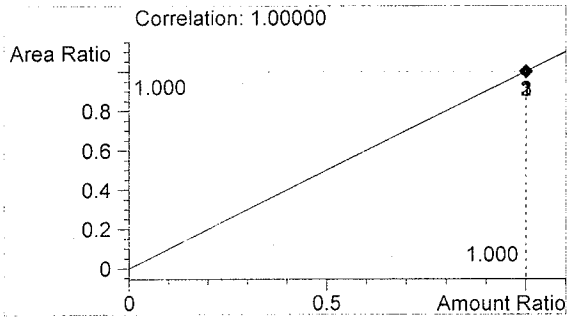



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 884 | 1.107 |
| 2 | n-propanol | 1977 | 1.944 |

Totals:




ethanol 0.101 g/100ml



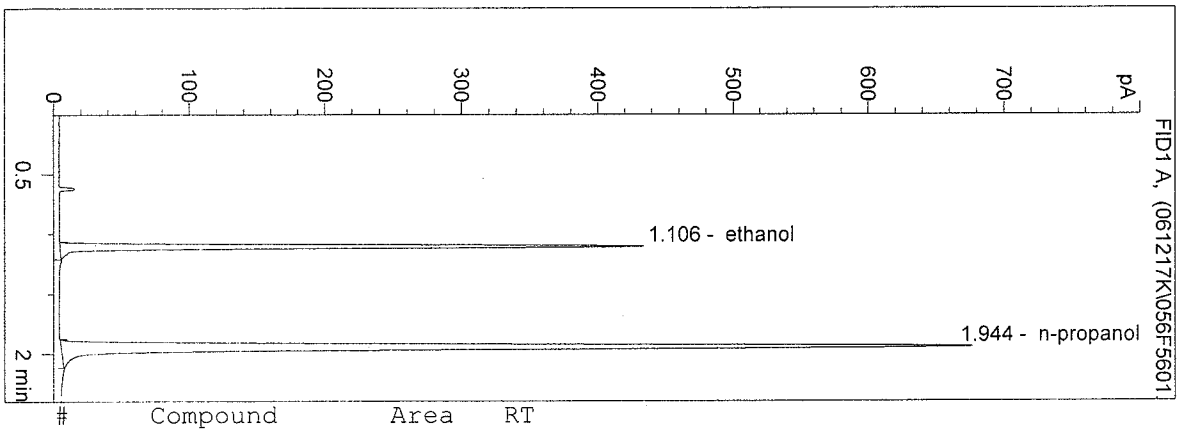

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/17/2006 9:37:41 AM
Instrument 5
DB-ALC2

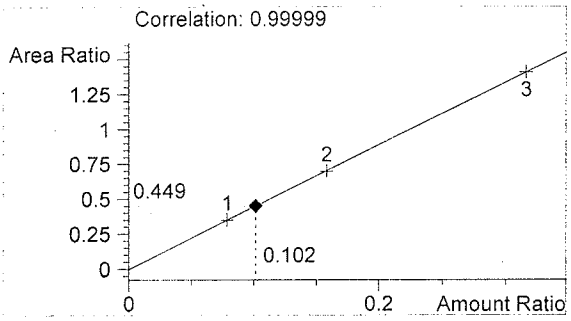
06049sim
kgross

vial # 56

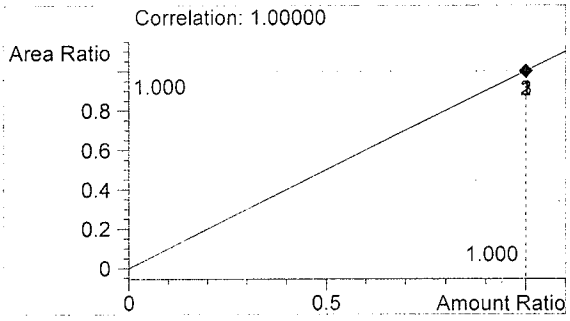



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 896 | 1.106 |
| 2 | n-propanol | 1993 | 1.944 |

Totals:




ethanol 0.102 g/100ml



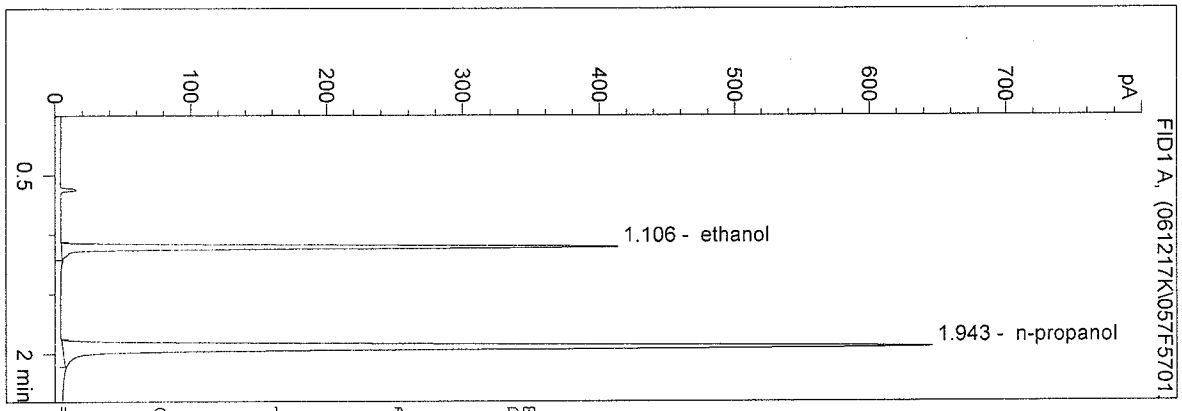

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/17/2006 9:41:04 AM
Instrument 5
DB-ALC2

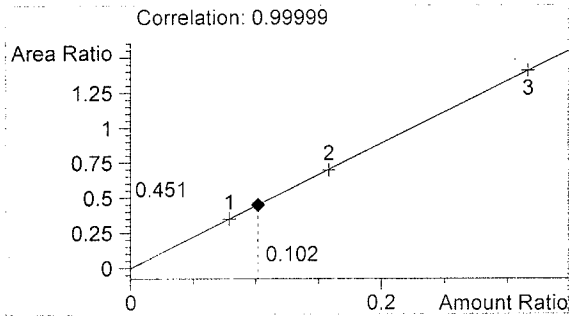
06049sim
kgross

vial # 57

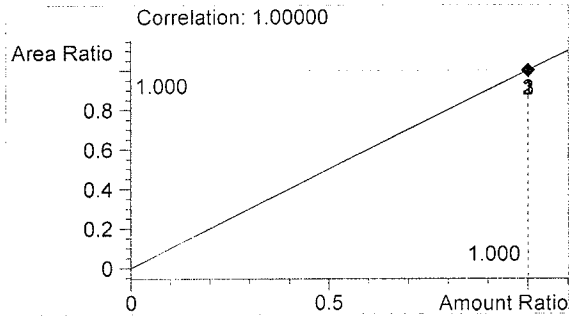



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 856 | 1.106 |
| 2 | n-propanol | 1899 | 1.943 |

Totals:




ethanol 0.102 g/100ml



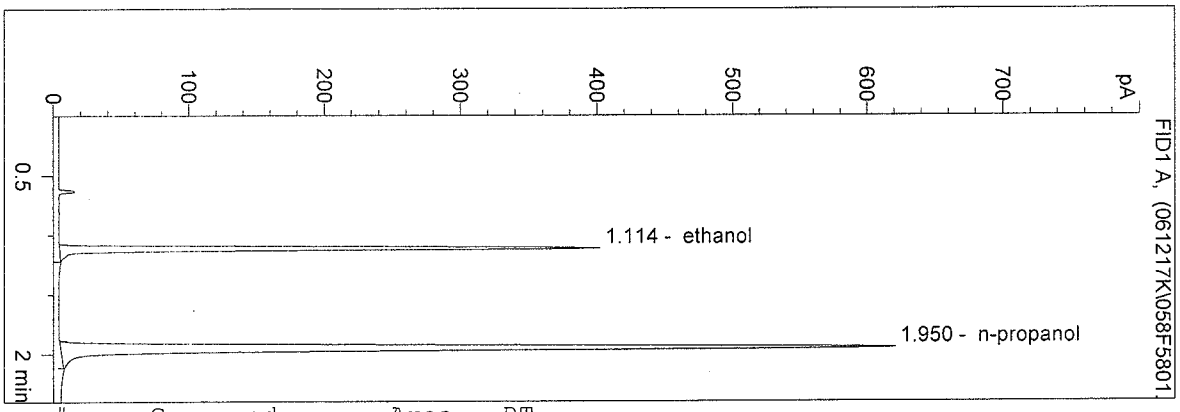

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/17/2006 9:46:15 AM
Instrument 5
DB-ALC2

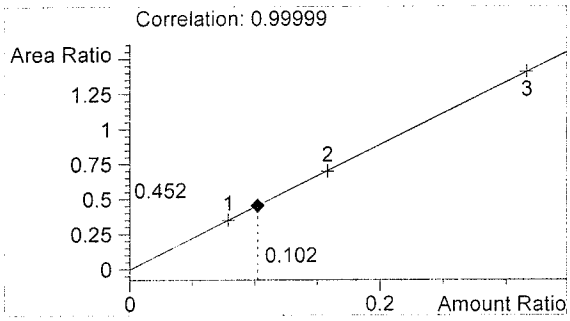
06049sim
kgross

vial # 58

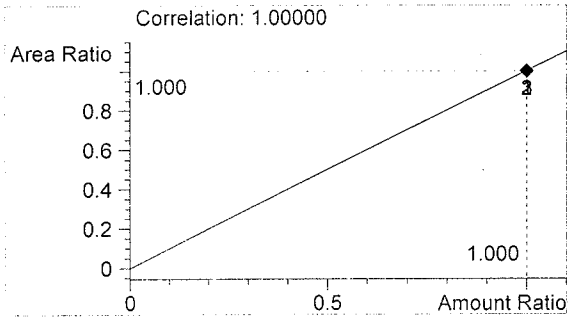



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 821 | 1.114 |
| 2 | n-propanol | 1814 | 1.950 |

Totals:




ethanol 0.102 g/100ml



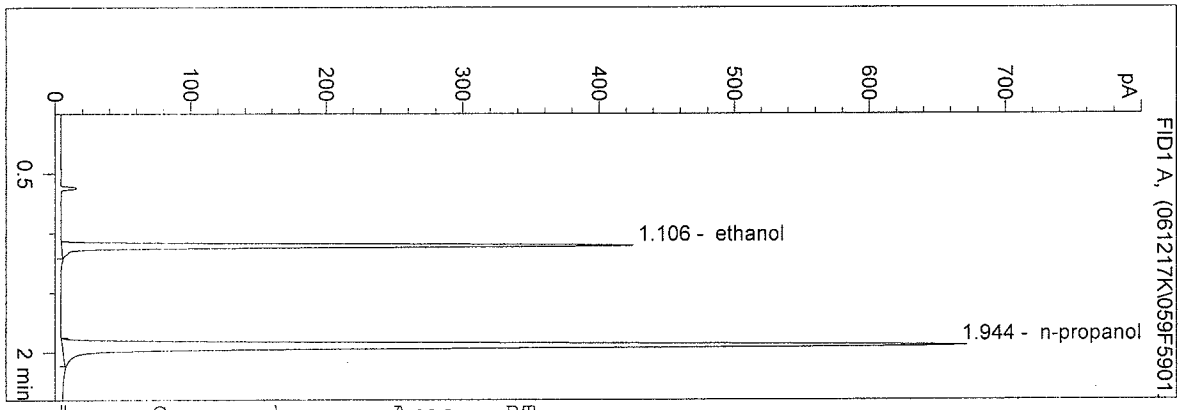

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/17/2006 9:49:33 AM
Instrument 5
DB-ALC2

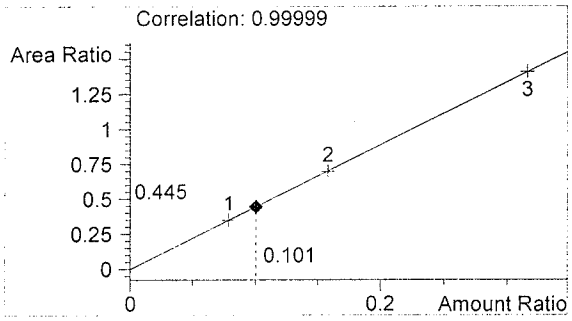
06049sim
kgross

vial # 59

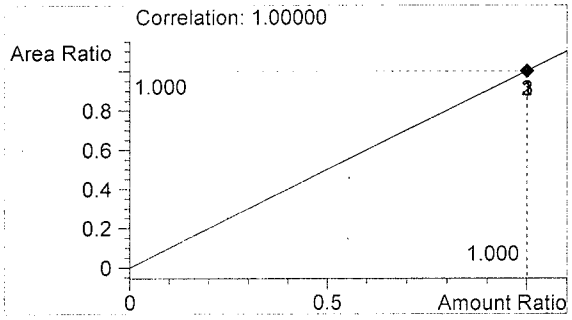



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 881 | 1.106 |
| 2 | n-propanol | 1977 | 1.944 |

Totals:




ethanol 0.101 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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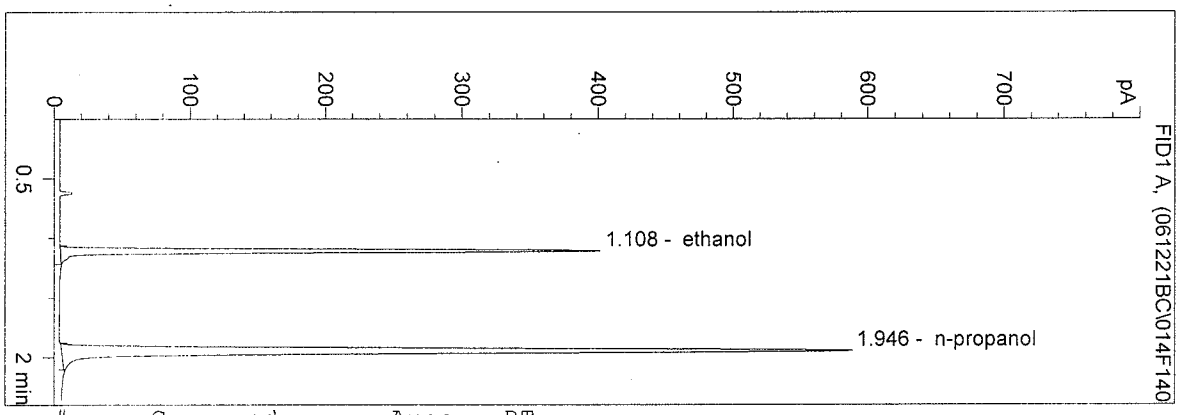
12/21/2006 8:01:08 AM
Instrument 5
DB-ALC2

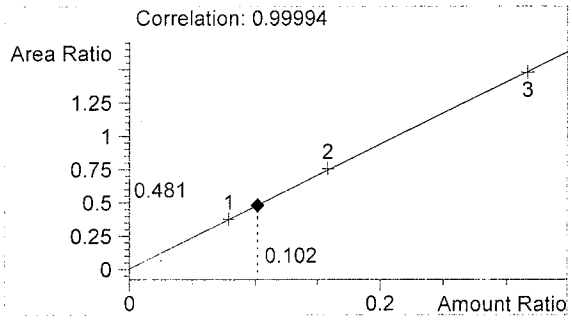
06049
bcapron

vial # 14

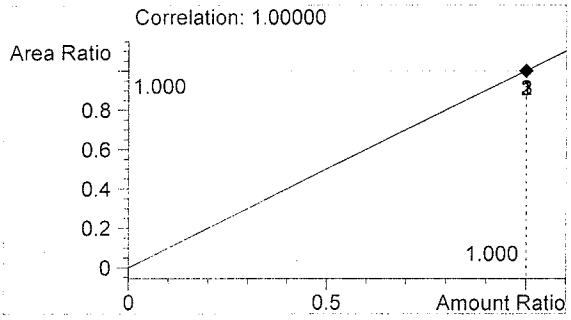



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 830 | 1.108 |
| 2 | n-propanol | 1723 | 1.946 |

Totals:




ethanol 0.102 g/100ml



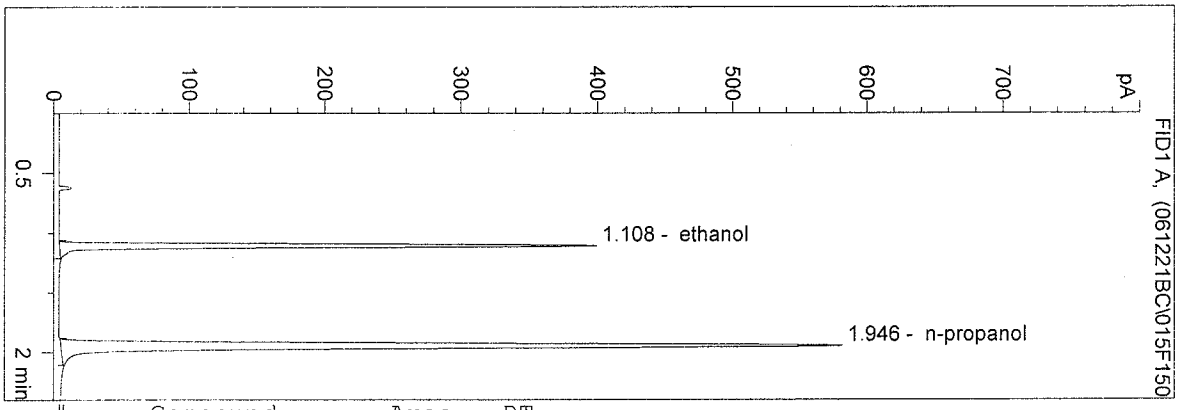

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/21/2006 8:04:41 AM
Instrument 5
DB-ALC2

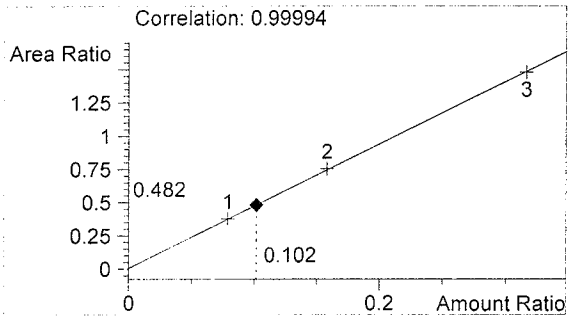
06049
bcapron

vial # 15

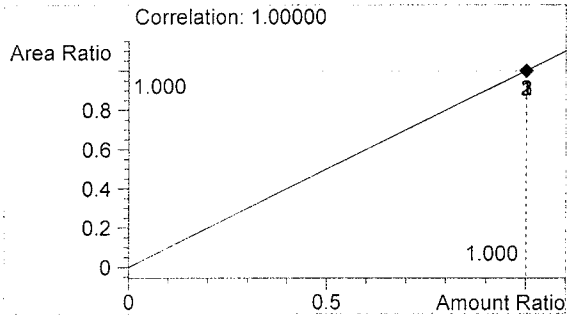



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 826 | 1.108 |
| 2 | n-propanol | 1712 | 1.946 |

Totals:




ethanol 0.102 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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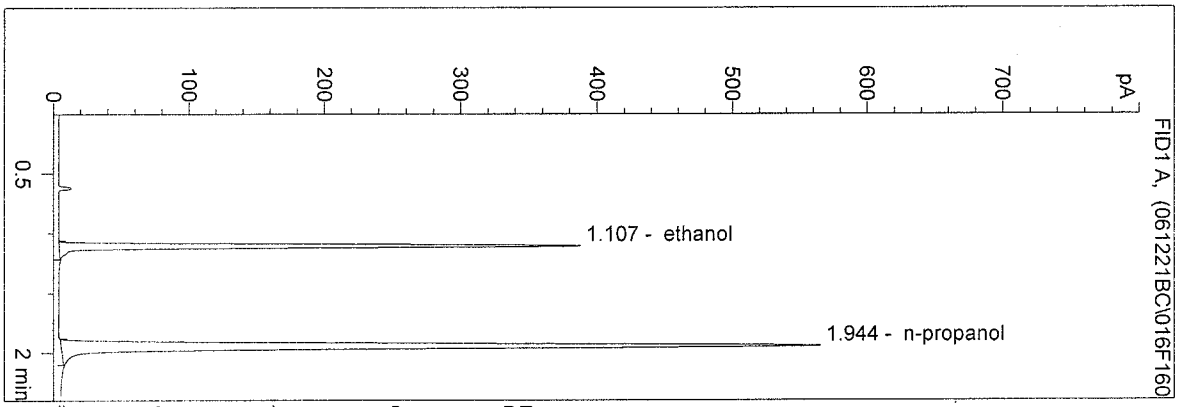
12/21/2006 8:09:40 AM
Instrument 5
DB-ALC2

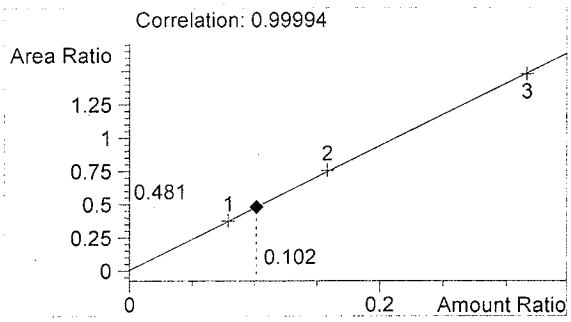
06049
bcapron

vial # 16

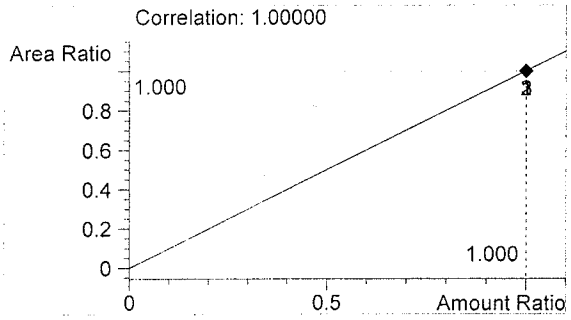



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 792 | 1.107 |
| 2 | n-propanol | 1648 | 1.944 |

Totals:




ethanol 0.102 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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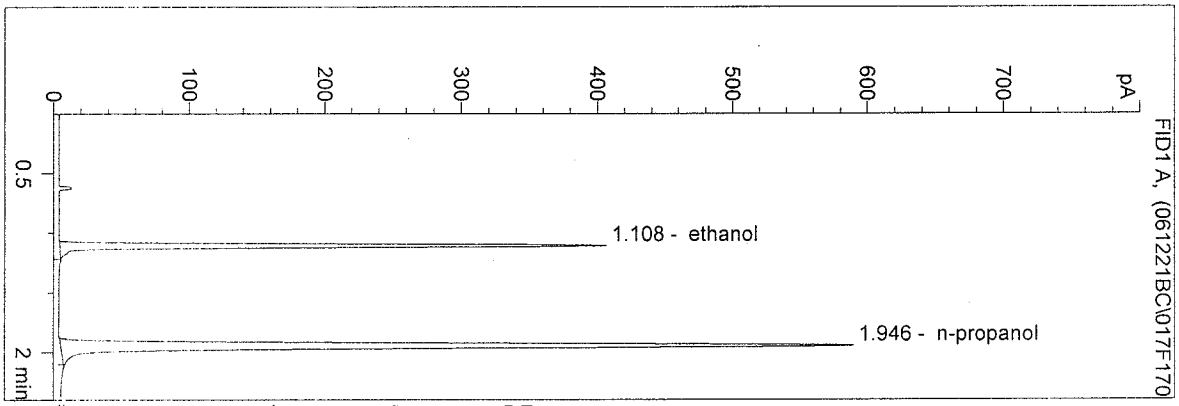
12/21/2006 8:13:07 AM
Instrument 5
DB-ALC2

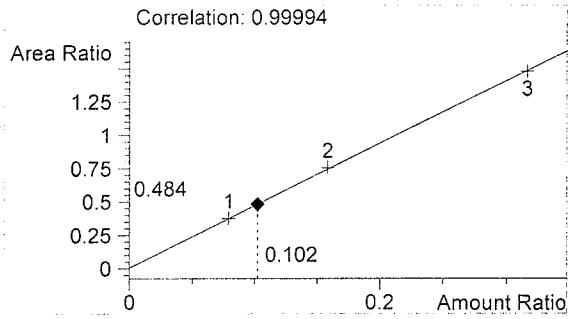
06049
bcapron

vial # 17

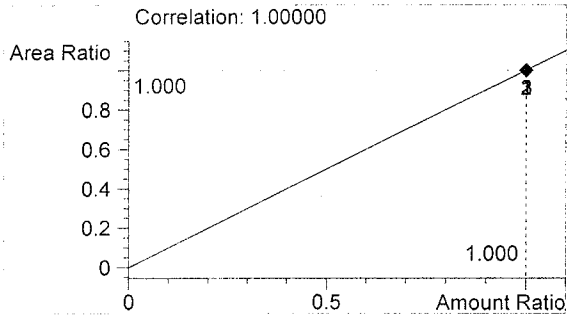



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 836 | 1.108 |
| 2 | n-propanol | 1729 | 1.946 |

Totals:




ethanol 0.102 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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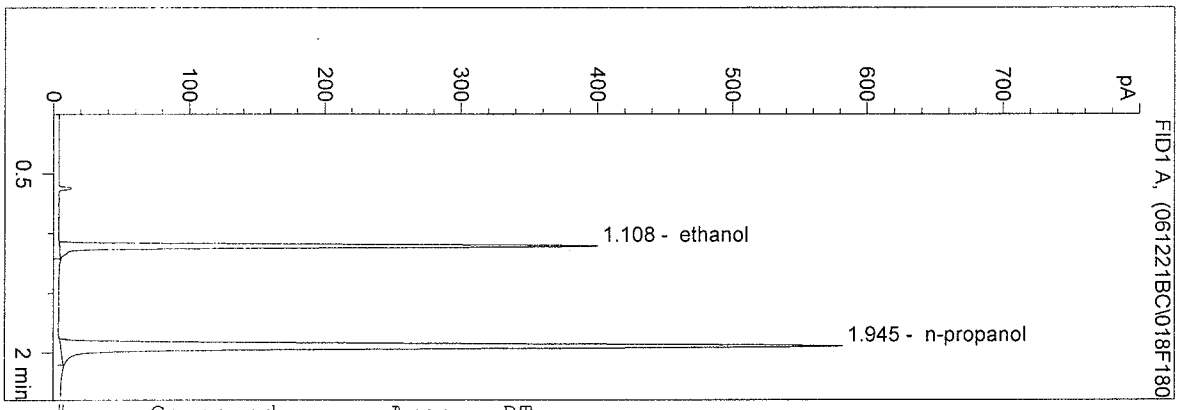
12/21/2006 8:16:34 AM
Instrument 5
DB-ALC2

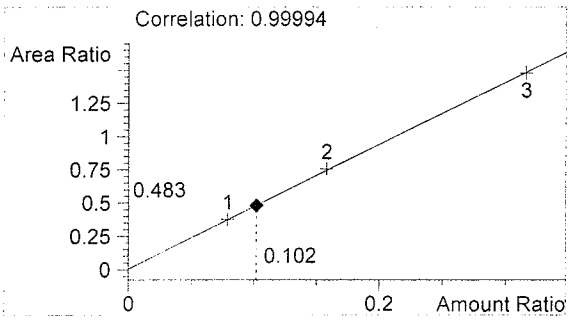
06049
bcapron

vial # 18

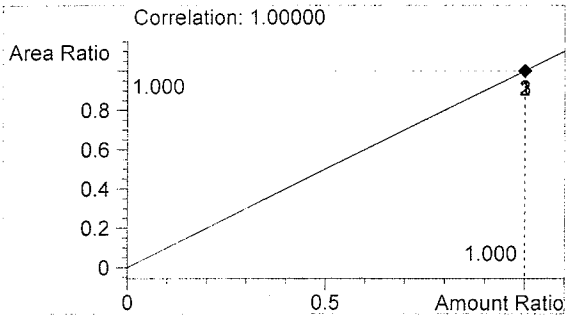



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 820 | 1.108 |
| 2 | n-propanol | 1698 | 1.945 |

Totals:




ethanol 0.102 g/100ml



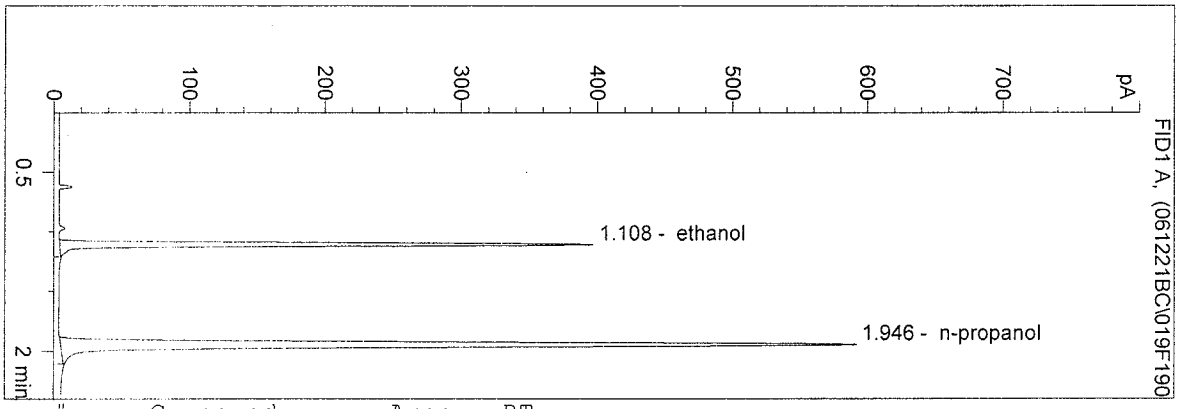

n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
12/21/2006 8:21:44 AM
Instrument 5
DB-ALC2

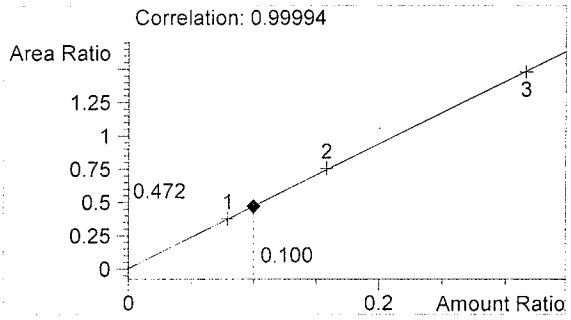
0.10 control bc
bcapron

vial # 19

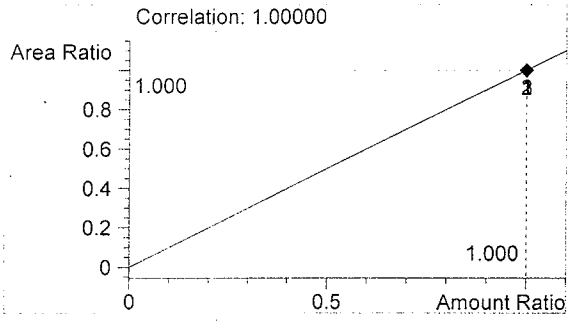



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 820 | 1.108 |
| 2 | n-propanol | 1739 | 1.946 |

Totals:




ethanol 0.100 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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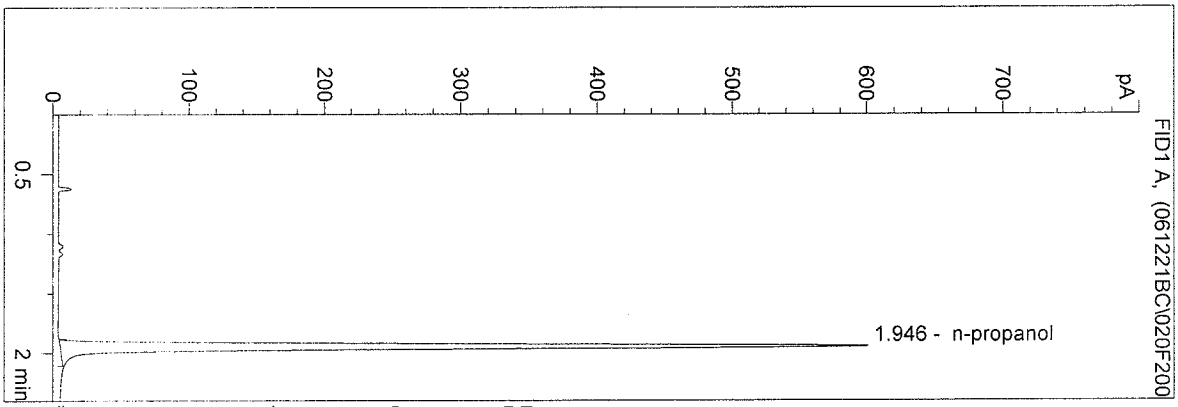
12/21/2006 8:25:02 AM
Instrument 5
DB-ALC2

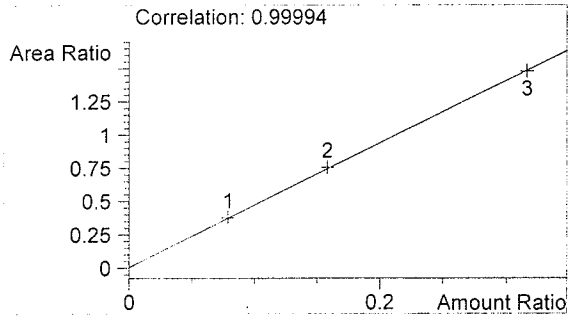
blank
bcapron

vial # 20

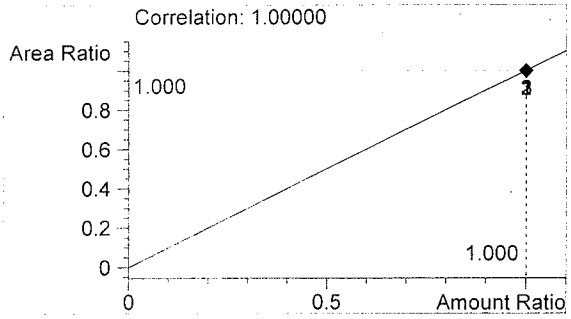



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1764 | 1.946 |

Totals:




ethanol 0.000 g/100ml




n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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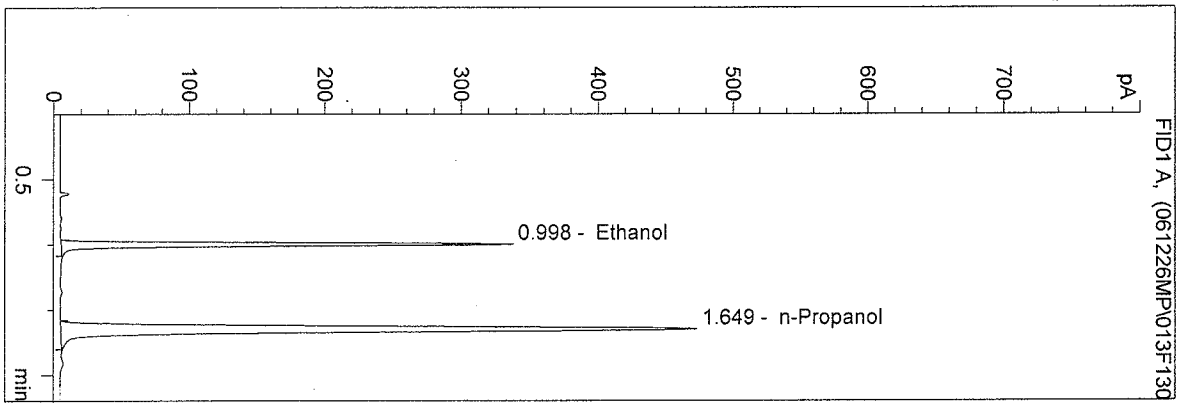
12/26/2006 12:07:05 PM
Instrument 4
DB-ALC1

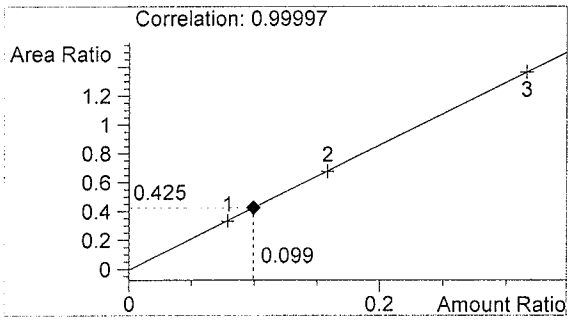
06049 sim soln
m pemberton

vial # 13

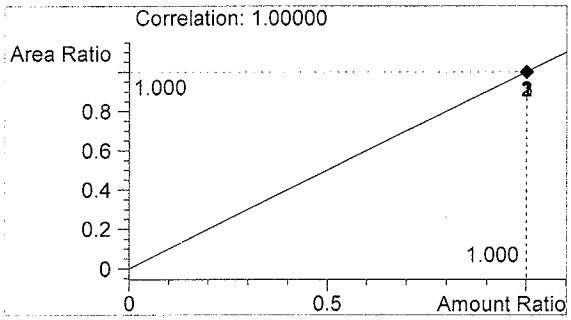



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 615 | 0.998 |
| 2 | n-Propanol | 1448 | 1.649 |

Totals:




Ethanol 0.099 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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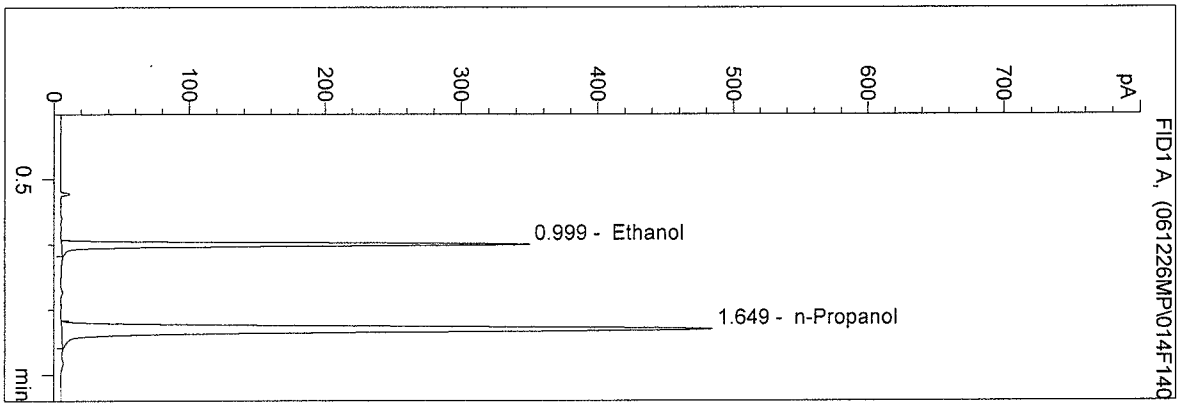
12/26/2006 12:10:22 PM
Instrument 4
DB-ALC1

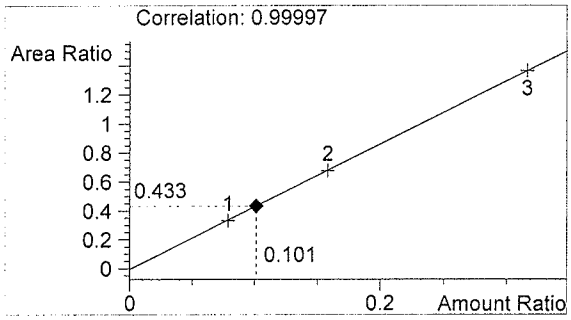
06049 sim soln
m pemberton

vial # 14

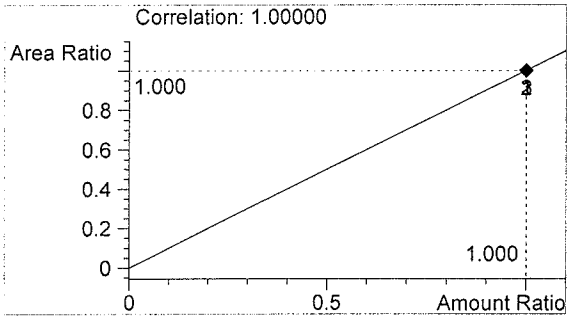



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 641 | 0.999 |
| 2 | n-Propanol | 1482 | 1.649 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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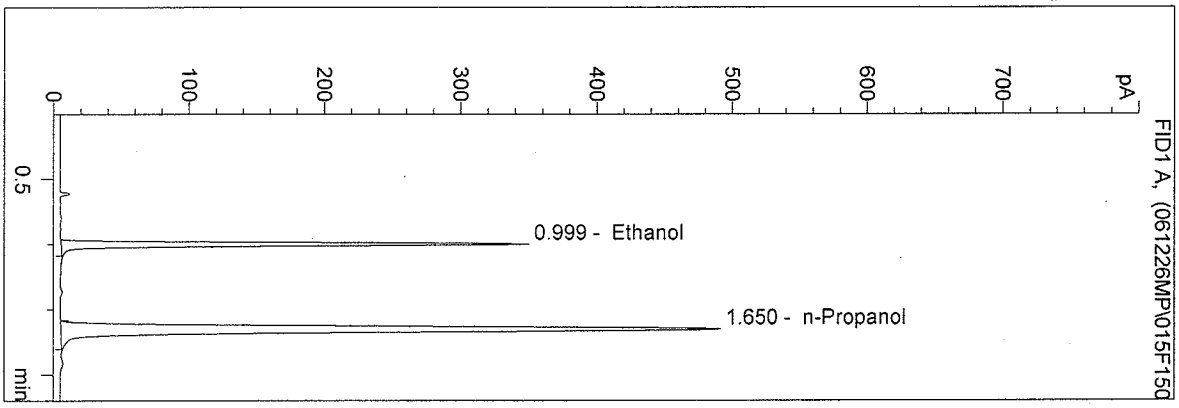
12/26/2006 12:13:38 PM
Instrument 4
DB-ALC1

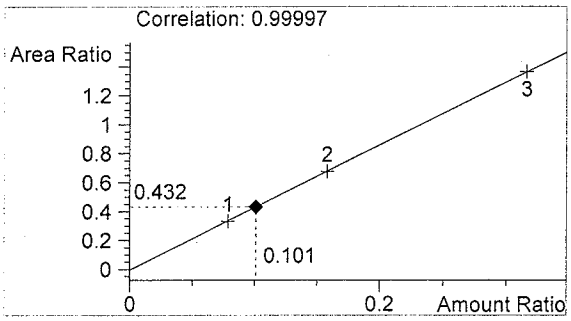
06049 sim soln
m pemberton

vial # 15

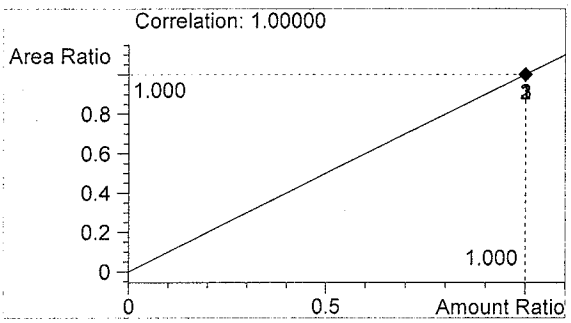



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 654 | 0.999 |
| 2 | n-Propanol | 1512 | 1.650 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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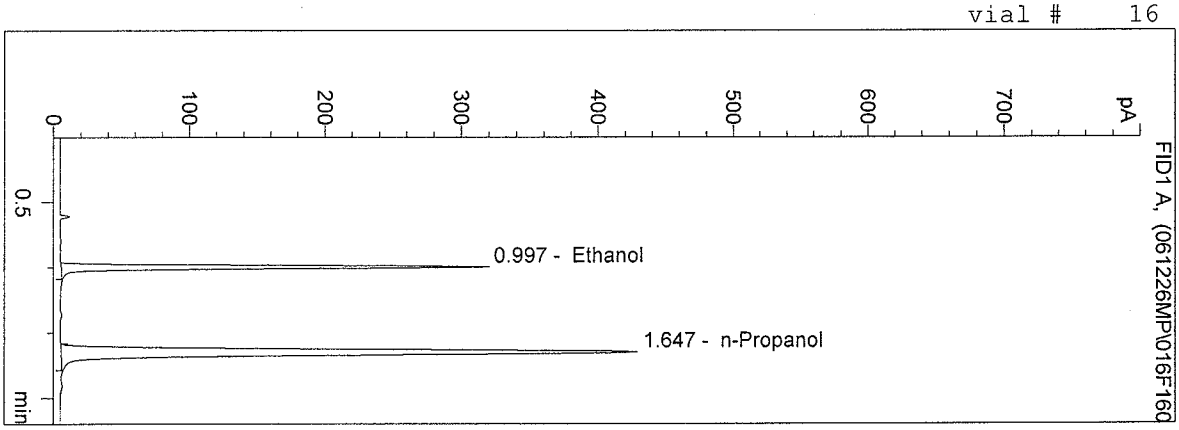
12/26/2006 12:16:53 PM
Instrument 4
DB-ALC1

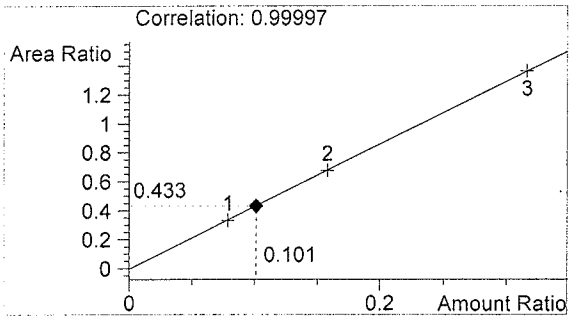
06049 sim soln
m pemberton

vial # 16

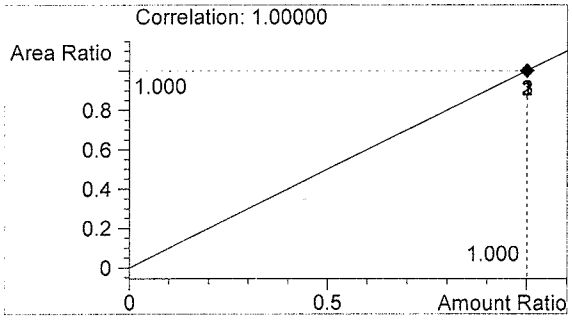



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 560 | 0.997 |
| 2 | n-Propanol | 1295 | 1.647 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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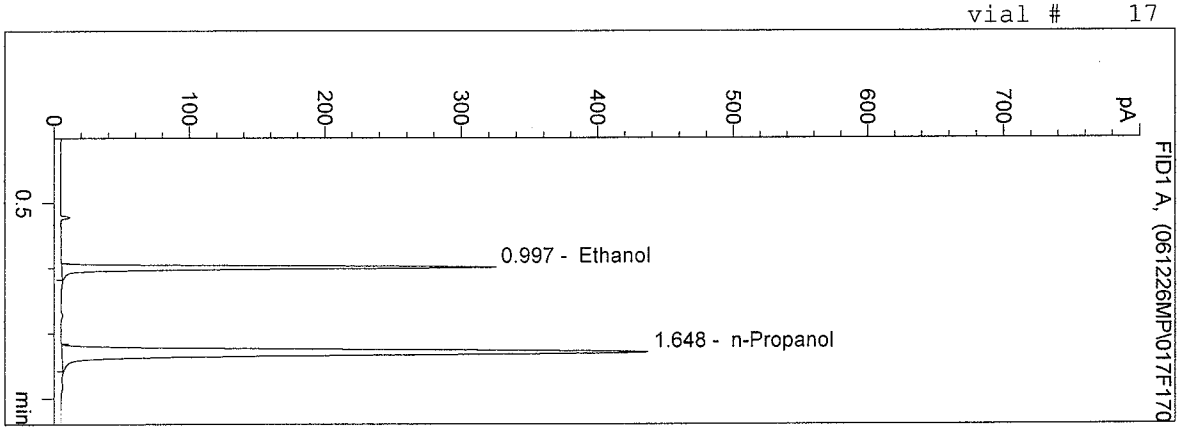
12/26/2006 12:20:05 PM
Instrument 4
DB-ALC1

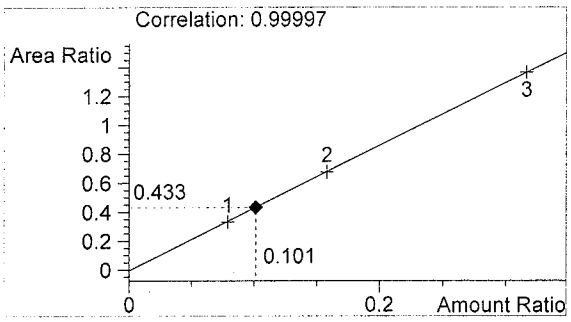
06049 sim soln
m pemberton

vial # 17

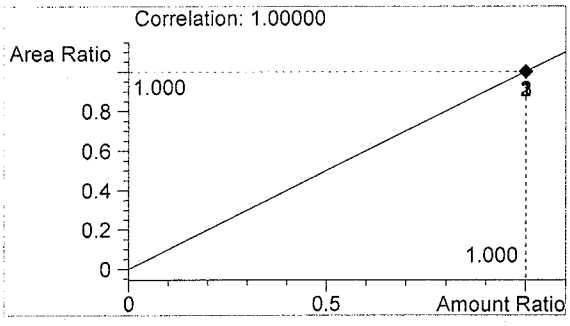



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 570 | 0.997 |
| 2 | n-Propanol | 1317 | 1.648 |

Totals:




Ethanol 0.101 g/100ml



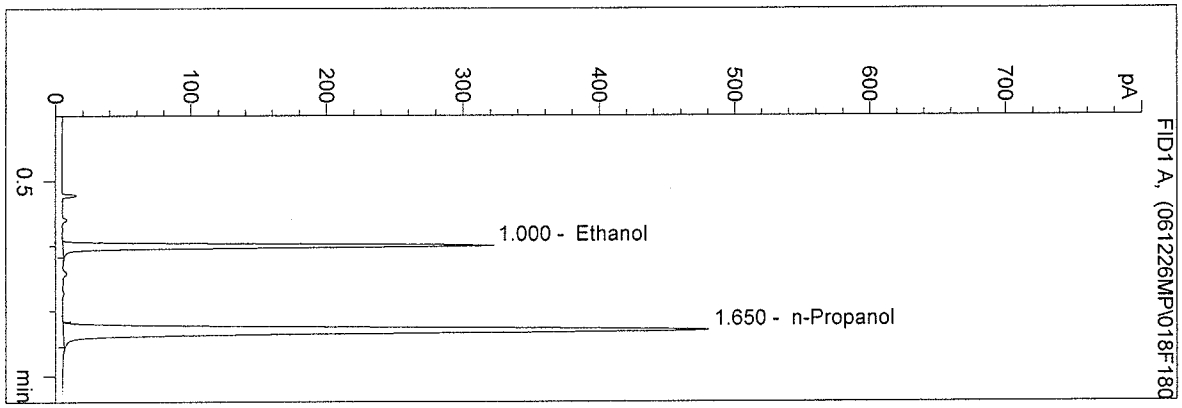

n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
12/26/2006 12:23:17 PM
Instrument 4
DB-ALC1

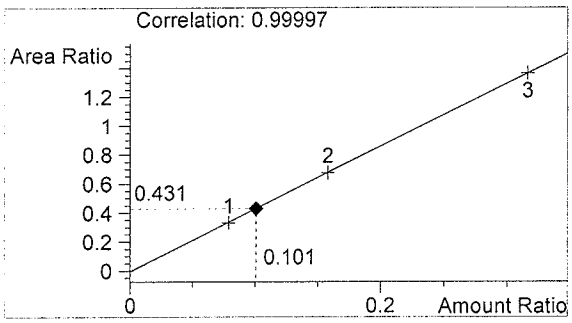
0.10 control
m pemberton

vial # 18

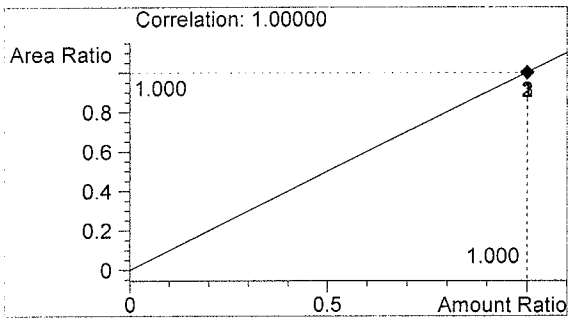



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 642 | 1.000 |
| 2 | n-Propanol | 1492 | 1.650 |

Totals:




Ethanol 0.101 g/100ml




n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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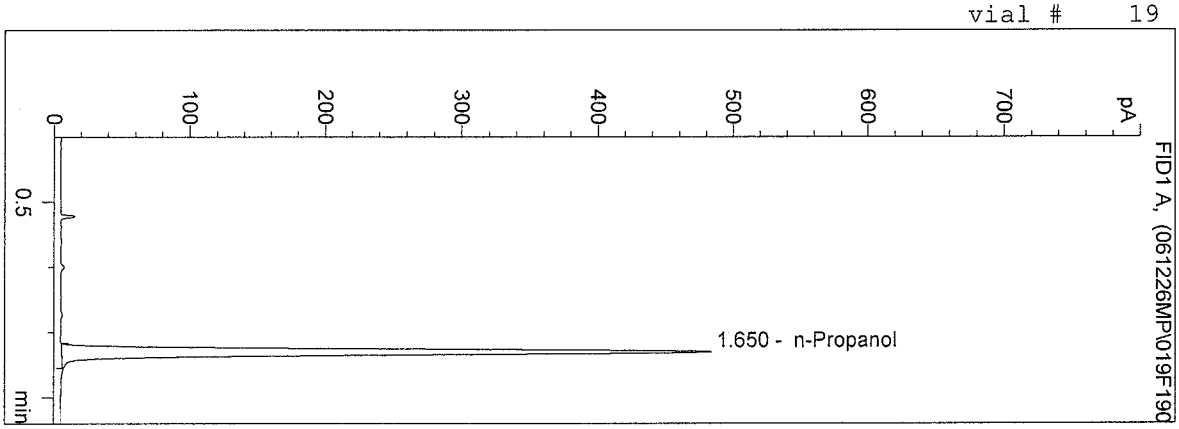
12/26/2006 12:26:37 PM
Instrument 4
DB-ALC1

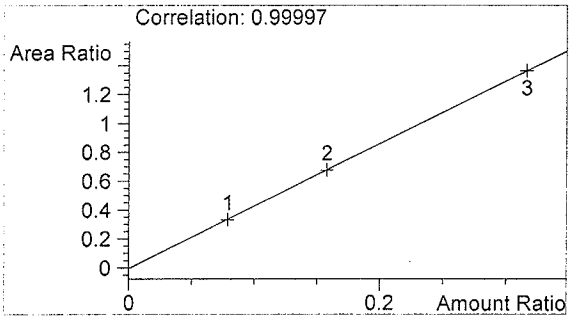
blk
m pemberton

vial # 19

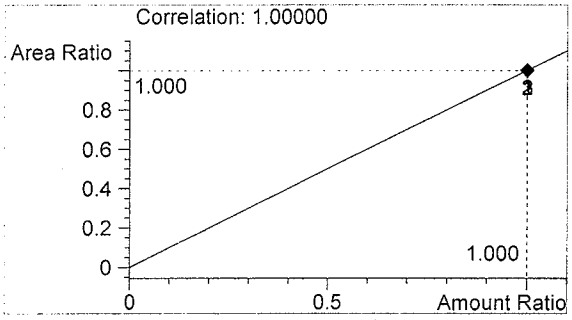



| # | Compound | Area | RT |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1502 | 1.650 |

Totals:




Ethanol 0.000 g/100ml




n-Propanol 1.000 g/100ml