


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.

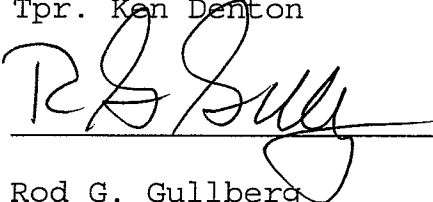
Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear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


_____ 10/5/2007

Tpr. Ken Denton

Date


_____ 10-5-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KRISTIN BENTON / ROS GUVBERGS Date 10-5-07
Location TOX LAB SEATTLE Batch Number 07043

Form Review Criteria

Preparation date precedes all analysis dates: Okay Not Okay

Data entry corresponds to all chromatograms: Okay Not Okay

All signatures present: Okay Not Okay

Computations:

Avg. solution concentration: Correct Not Correct

Standard deviation: Correct Not Correct

Range: Correct Not Correct

Precision: Correct Not Correct

Equivalent vapor concent.: Correct Not Correct

External Control Information

(lot # and future date): Correct Not Correct

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

Corrections Necessary:

Comments:

Reviewer Signature: 

Date: 10-5-07

Reviewer Signature: 

Date: 10/5/07

Batch Worksheet Checkoff

PA 07043

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

Please initial below to affirm that you have:

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

| Initials | Date |
|----------------------|----------------|
| Brianne Akins | |
| Brittany Ball | |
| Amanda Black | |
| Brian Capron | |
| Rebecca Flaherty | |
| Ed Formoso | |
| Christopher Johnston | CJ 10.2.2007 |
| Justin Knoy | |
| Asa Louis | AL 2007 OCT 01 |
| Estuardo Miranda | |
| Christie Mitchell | |
| Lisa Noble | |
| Naziha Nuwayhid | NN 10/1/07 |
| Melissa Pemberton | MP 10/2/07 |
| Brianna Peterson | |
| Sarah Swenson | |
| | |
| | |

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

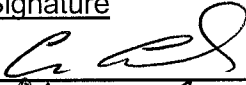
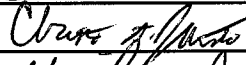
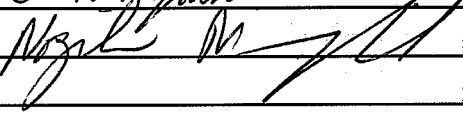
Preparation and certification of **0.10** g/210L Quality Assurance solution
 Batch number **07043** Date prepared: 09/25/2007
 Preparation: 28.9 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

| | Anal 1 | Anal 2 | Anal 3 | Anal 4 | Anal 5 | Anal 6 | Anal 7 | Anal 8 | Anal 9 | Anal 10 | Anal 11 | Anal 12 | Anal 13 | Anal 14 | Anal 15 | Anal 16 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 1 | 0.125 | 0.126 | 0.126 | | | | | | | | | | | | | |
| 2 | 0.125 | 0.127 | 0.127 | | | | | | | | | | | | | |
| 3 | 0.126 | 0.127 | 0.127 | | | | | | | | | | | | | |
| 4 | 0.127 | 0.127 | 0.127 | | | | | | | | | | | | | |
| 5 | 0.127 | 0.127 | 0.126 | | | | | | | | | | | | | |
| Ctrl | 0.098 | 0.097 | 0.095 | | | | | | | | | | | | | |

Statistics:
 Avg. solution concent.: 0.1265 g/100 mL
 SD: 0.00074
 Precision CV (%): 0.5875 %

External Control:
 Lot #: A050528 Exp date: 07/2011
 Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.1028 g/210L

| Analyst | Name | Signature | Date |
|---------|------------------------|--|------------|
| 1 | Asa Louis |  | 09/25/2007 |
| 2 | Christopher S Johnston |  | 09/25/2007 |
| 3 | Naziha Nuwayhid, PhD |  | 09/26/2007 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07043


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 quality assurance solution, Lot Number 07043, was prepared in the Washington State Toxicology Laboratory on 9/25/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/25/2008.

Seattle, WA


Asa J. Louis 2007 OCT 02
Forensic Toxicologist Date

AJL/jr
AJLQA



CHRISTINE O. GREGOIRE
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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07043

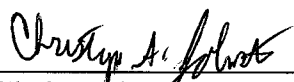
I, Christopher S. Johnston, do certify under penalty of perjury that:

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 quality assurance solution, Lot Number 07043, was prepared in the Washington State Toxicology Laboratory on 9/25/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/25/2008.

Seattle, WA

 10.2.07

Christopher S. Johnston Date
Forensic Toxicologist

CSJ/jr
CJQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07043

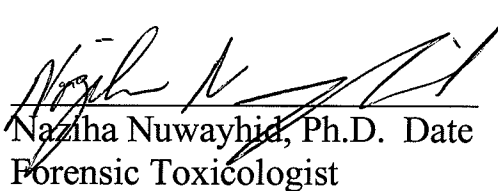
I, Naziha Nuwayhid, do certify under penalty of perjury that:

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 eight years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The quality assurance solution, Lot Number 07043, was prepared in the Washington State Toxicology Laboratory on 9/25/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/25/2008.

Seattle, WA


Naziha Nuwayhid, Ph.D. Date 10/2/07
Forensic Toxicologist

NN/jr
NNQA



Sequence Parameters:

Operator: alouis
 Data File Naming: Auto
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 070925
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none
 Sequence Comment:

*0.10 con - A050528
 EXP 07/2004*

Sequence Table (Front Injector):

Method and Injection Info Part:

| Line | Location | SampleName | Method | Inj | SampleType | InjVolume | DataFile |
|------|----------|-------------|---------|-----|------------|-----------|----------|
| 1 | Vial 1 | blank | BLDALCO | 1 | Ctrl Samp | | |
| 2 | Vial 2 | 0.079 std | BLDALCO | 1 | Calib | | |
| 3 | Vial 3 | 0.158 std | BLDALCO | 1 | Calib | | |
| 4 | Vial 4 | 0.316 std | BLDALCO | 1 | Calib | | |
| 5 | Vial 5 | blank | BLDALCO | 1 | Ctrl Samp | | |
| 6 | Vial 6 | 0.02 std | BLDALCO | 1 | Sample | | |
| 7 | Vial 7 | 0.10 con al | BLDALCO | 1 | Ctrl Samp | | |
| 8 | Vial 8 | blank | BLDALCO | 1 | Sample | | |
| 9 | Vial 9 | 07041a | BLDALCO | 1 | Sample | | |
| 10 | Vial 10 | 07041b | BLDALCO | 1 | Sample | | |
| 11 | Vial 11 | 07041c | BLDALCO | 1 | Sample | | |
| 12 | Vial 12 | 07041d | BLDALCO | 1 | Sample | | |
| 13 | Vial 13 | 07041e | BLDALCO | 1 | Sample | | |
| 14 | Vial 14 | 0.10 con al | BLDALCO | 1 | Ctrl Samp | | |
| 15 | Vial 15 | blank | BLDALCO | 1 | Ctrl Samp | | |
| 16 | Vial 16 | 07042a | BLDALCO | 1 | Sample | | |
| 17 | Vial 17 | 07042b | BLDALCO | 1 | Sample | | |
| 18 | Vial 18 | 07042c | BLDALCO | 1 | Sample | | |
| 19 | Vial 19 | 07042d | BLDALCO | 1 | Sample | | |
| 20 | Vial 20 | 07042e | BLDALCO | 1 | Sample | | |
| 21 | Vial 21 | 0.10 con al | BLDALCO | 1 | Ctrl Samp | | |
| 22 | Vial 22 | blank | BLDALCO | 1 | Ctrl Samp | | |
| 23 | Vial 23 | 07043a | BLDALCO | 1 | Sample | | |
| 24 | Vial 24 | 07043b | BLDALCO | 1 | Sample | | |
| 25 | Vial 25 | 07043c | BLDALCO | 1 | Sample | | |
| 26 | Vial 26 | 07043d | BLDALCO | 1 | Sample | | |
| 27 | Vial 27 | 07043e | BLDALCO | 1 | Sample | | |
| 28 | Vial 28 | 0.10 con al | BLDALCO | 1 | Ctrl Samp | | |
| 29 | Vial 29 | blank | BLDALCO | 1 | Ctrl Samp | | |
| 30 | Vial 30 | 07044a | BLDALCO | 1 | Sample | | |
| 31 | Vial 31 | 07044b | BLDALCO | 1 | Sample | | |
| 32 | Vial 32 | 07044c | BLDALCO | 1 | Sample | | |
| 33 | Vial 33 | 07044d | BLDALCO | 1 | Sample | | |
| 34 | Vial 34 | 07044e | BLDALCO | 1 | Sample | | |

*Calibration in
 controls 07041*

*AL
 20070925*

Sequence Table (Back Injector):

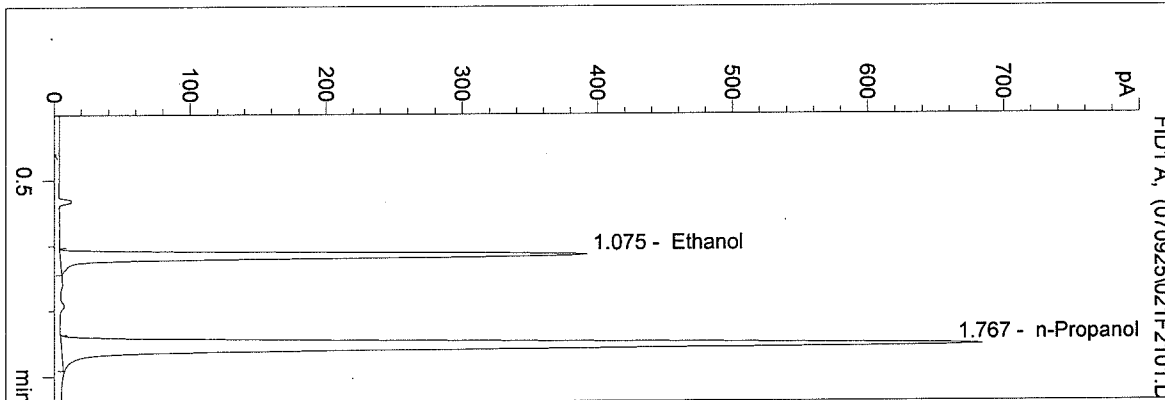
No entries - empty table!

AL
20070825

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 9/25/2007 12:51:41 PM
 Instrument 1
 DB ALC 1

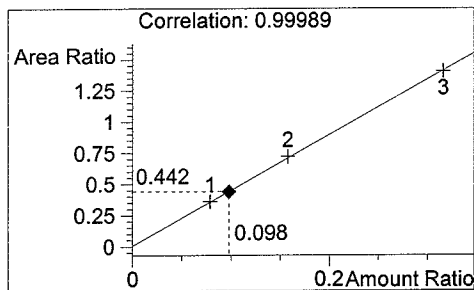
0.10 con al
 alouis

vial # 21



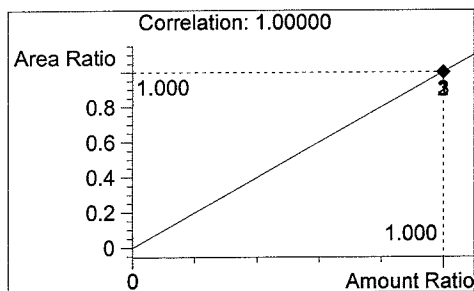
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1192 | 1.075 |
| 2 | n-Propanol | 2695 | 1.767 |

Tot



Ethanol

0.098 g/100ml



n-Propanol

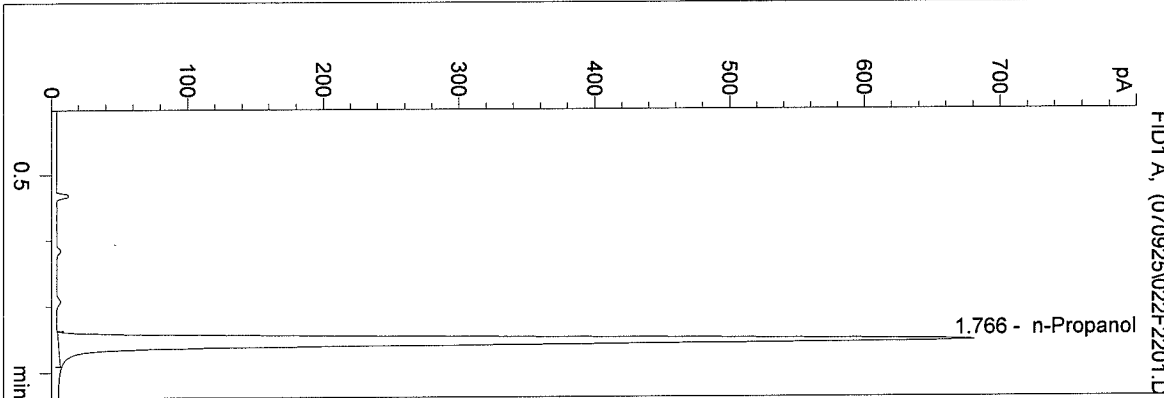
1.000 g/100ml

Handwritten signature and date:
 20070925

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 12:54:45 PM
 Instrument 1
 DB ALC 1

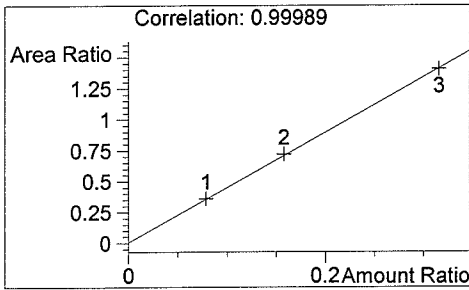
blank
 alouis

vial # 22



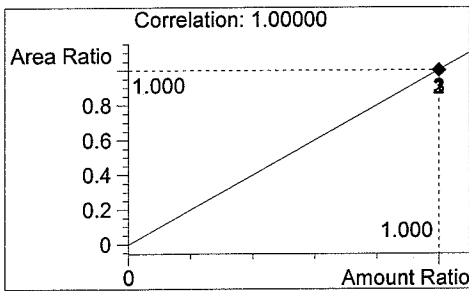
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2686 | 1.766 |

Tot



Ethanol

0.000 g/100ml



n-Propanol

1.000 g/100ml

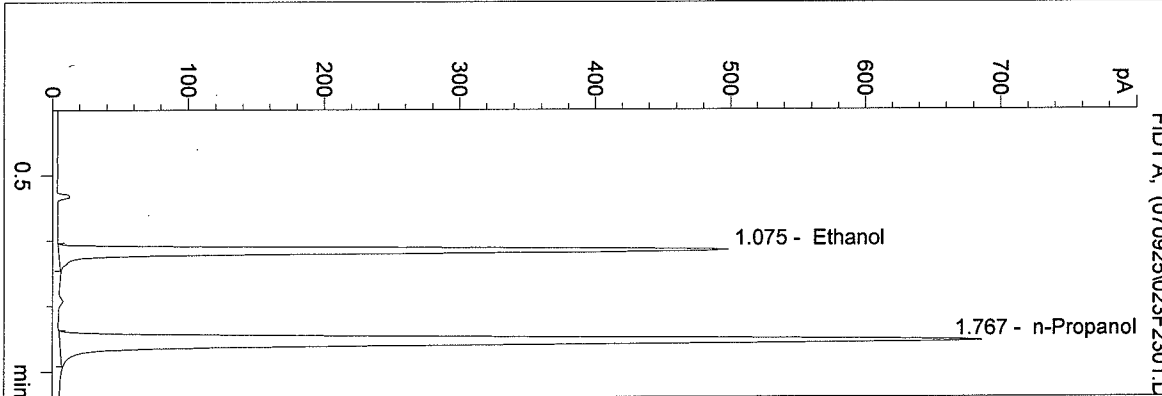
Handwritten signature and date:
 Al
 2007 09 25

WASHINGTON STATE TOXICOLOGY LABORATORY

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 9/25/2007 12:57:50 PM
 Instrument 1
 DB ALC 1

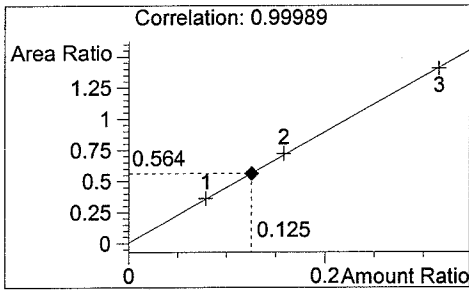
07043a
 alouis

vial # 23



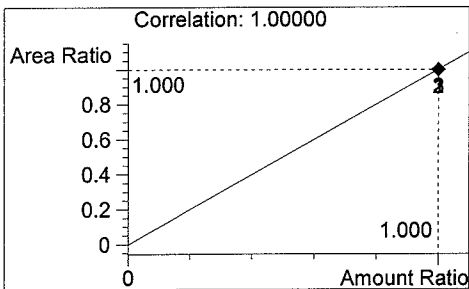
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1523 | 1.075 |
| 2 | n-Propanol | 2699 | 1.767 |

Tot



Ethanol

0.125 g/100ml



n-Propanol

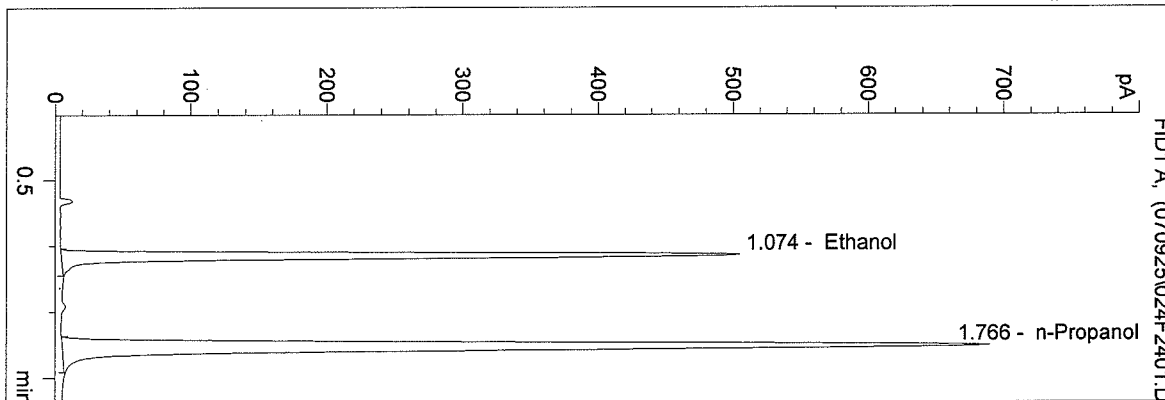
1.000 g/100ml

Handwritten signature and date:
 20070925

C:\HPCHEM\1\METHODS\BLDALCO.M
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 Instrument 1
 DB ALC 1

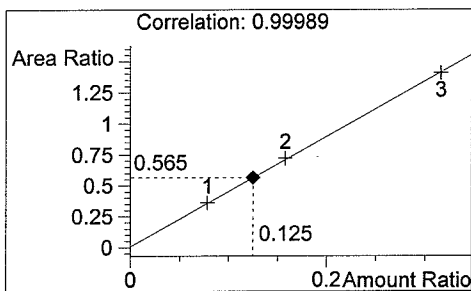
07043b
 alouis

vial # 24



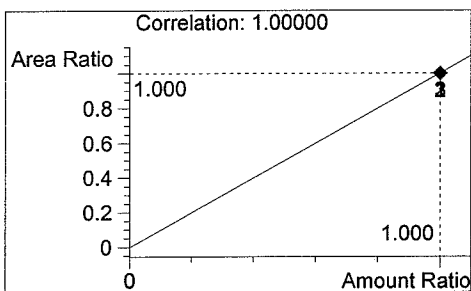
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1538 | 1.074 |
| 2 | n-Propanol | 2721 | 1.766 |

Tot



Ethanol

0.125 g/100ml



n-Propanol

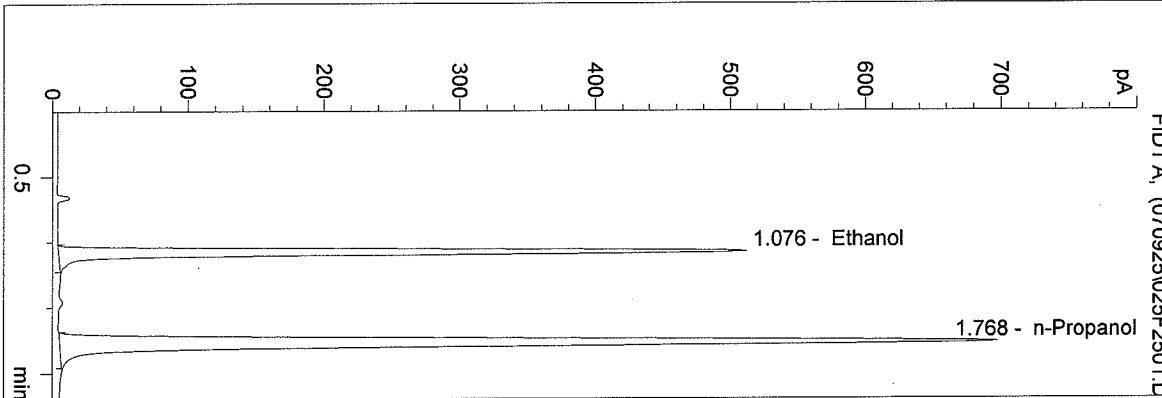
1.000 g/100ml

AL
 20070925

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 1:04:00 PM
 Instrument 1
 DB ALC 1

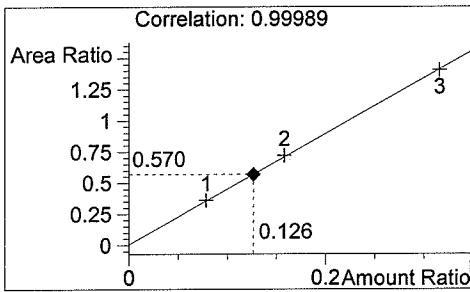
07043c
 alouis

vial # 25



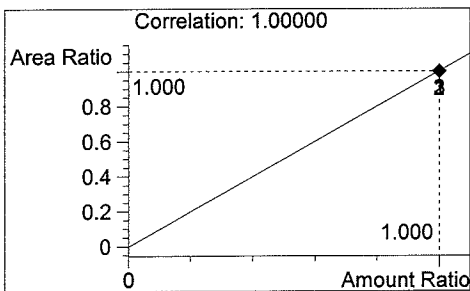
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1559 | 1.076 |
| 2 | n-Propanol | 2735 | 1.768 |

Tot



Ethanol

0.126 g/100ml



n-Propanol

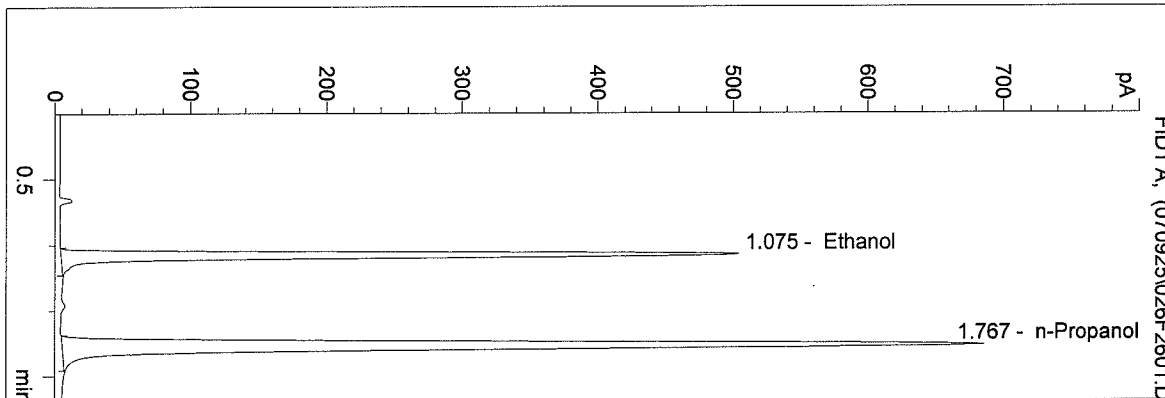
1.000 g/100ml

AL
 2007 09 25

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 1:07:05 PM
 Instrument 1
 DB ALC 1

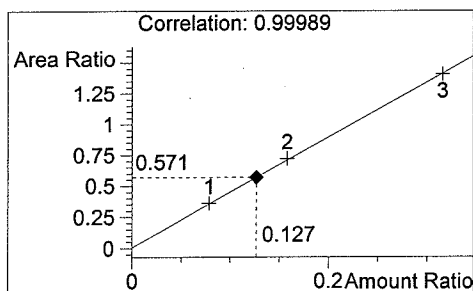
07043d
 alouis

vial # 26



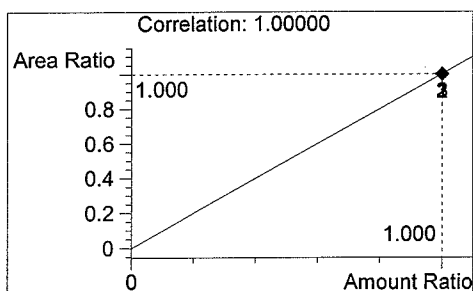
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1537 | 1.075 |
| 2 | n-Propanol | 2693 | 1.767 |

Tot



Ethanol

0.127 g/100ml



n-Propanol

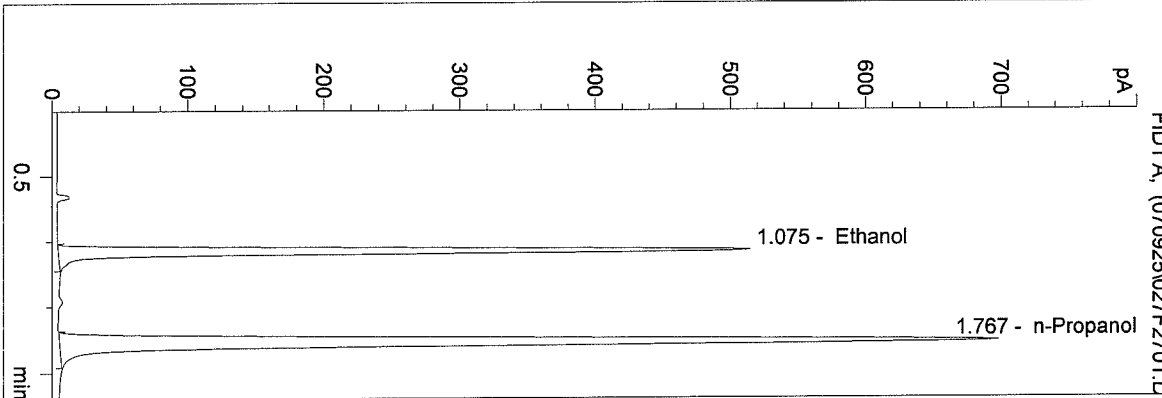
1.000 g/100ml

AL
 20070925

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 1:10:09 PM
 Instrument 1
 DB ALC 1

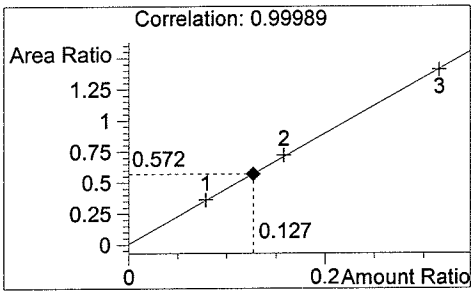
07043e
 alouis

vial # 27



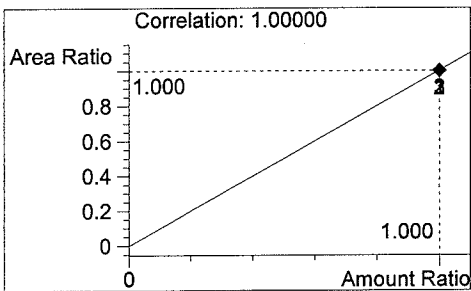
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1569 | 1.075 |
| 2 | n-Propanol | 2745 | 1.767 |

Tot



Ethanol

0.127 g/100ml



n-Propanol

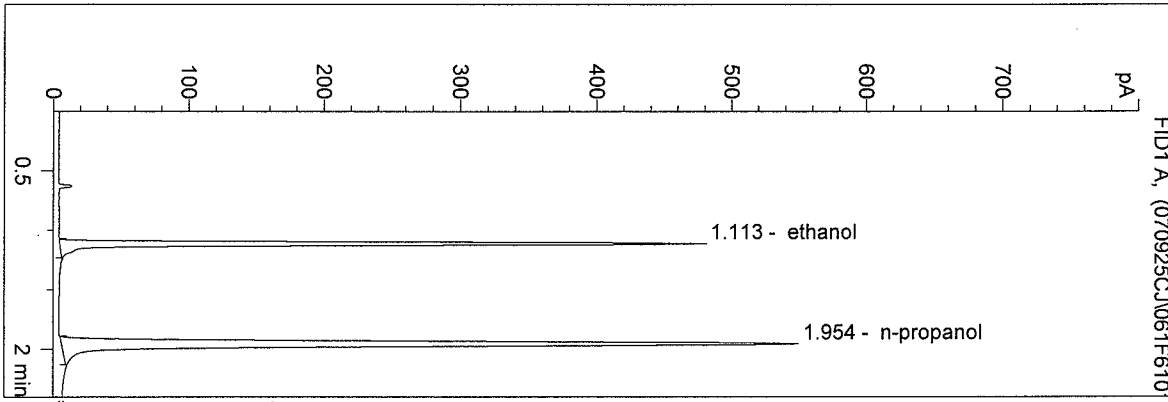
1.000 g/100ml

AL
 20070925

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:25:34 PM
 Instrument 5
 DB-ALC2

07043 QA 0.10 CJ
 Chris Johnston

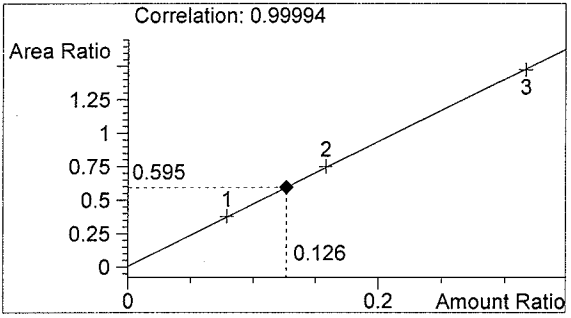
vial # 61



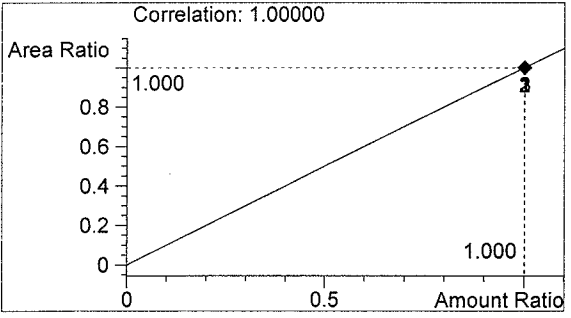
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 968 | 1.113 |
| 2 | n-propanol | 1627 | 1.954 |

Totals:

CJ 9.27.07



ethanol 0.126 g/100ml



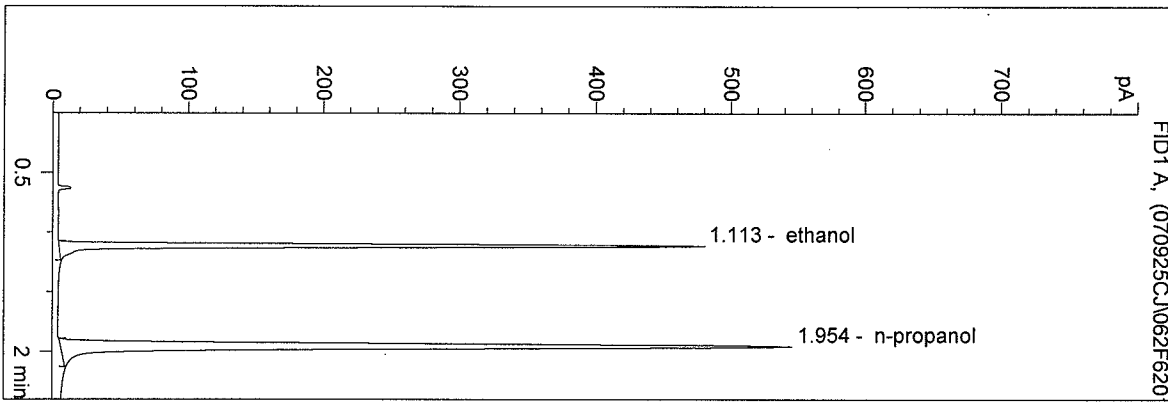
n-propanol 1.000 g/100ml

Calibration in Case 0707487

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:30:16 PM
 Instrument 5
 DB-ALC2

07043 QA 0.10 CJ
 Chris Johnston

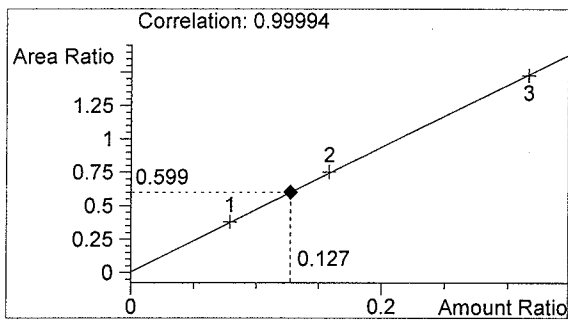
vial # 62



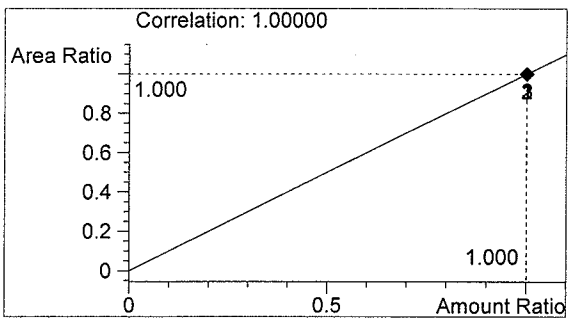
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 970 | 1.113 |
| 2 | n-propanol | 1617 | 1.954 |

Totals:

09 9.27.07



ethanol 0.127 g/100ml

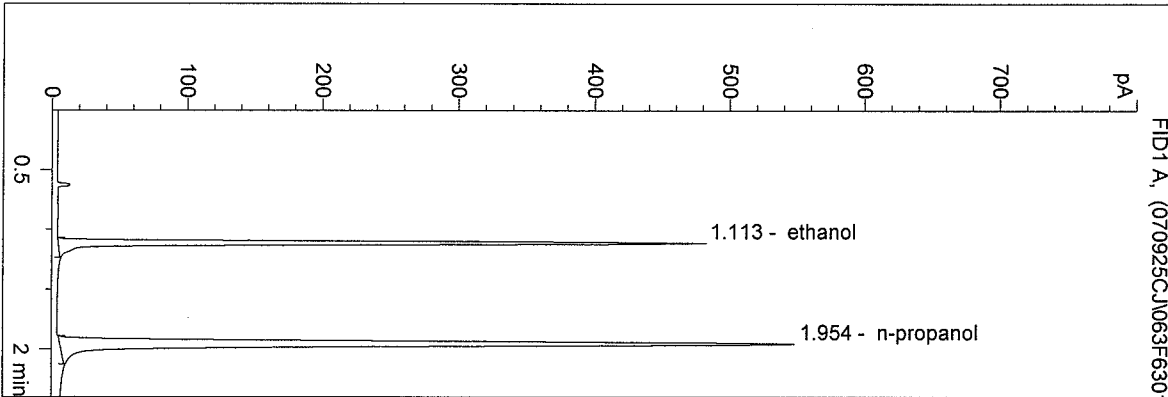


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:33:54 PM
 Instrument 5
 DB-ALC2

07043 QA 0.10 CJ
 Chris Johnston

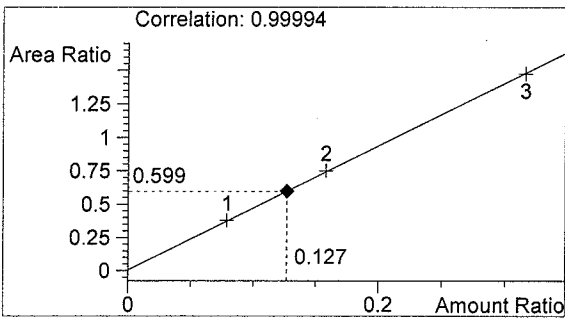
vial # 63



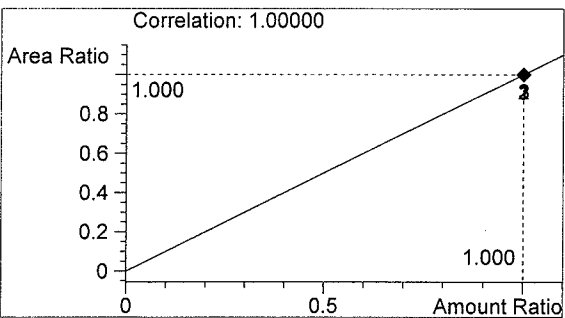
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 973 | 1.113 |
| 2 | n-propanol | 1626 | 1.954 |

Totals:

C1927-07



ethanol 0.127 g/100ml

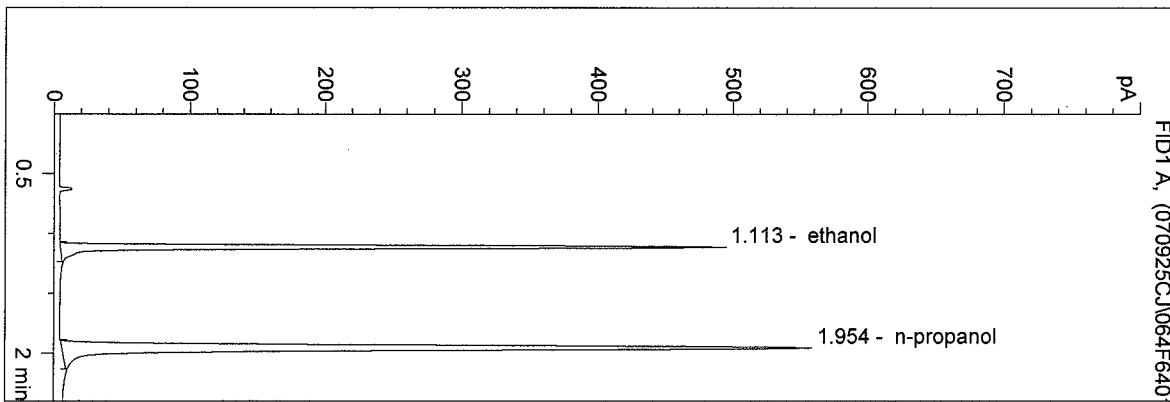


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:37:33 PM
 Instrument 5
 DB-ALC2

07043 QA 0.10 CJ
 Chris Johnston

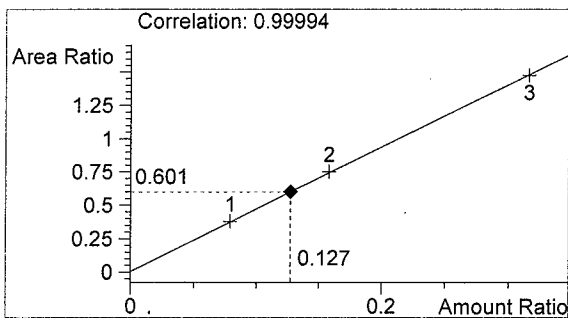
vial # 64



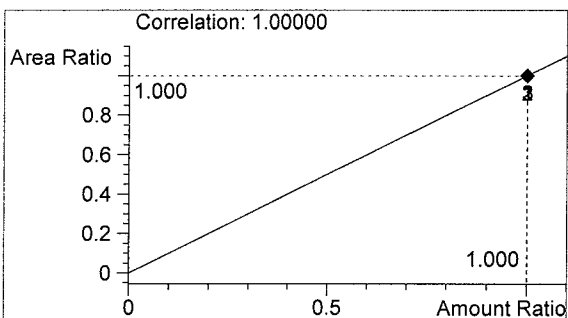
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 998 | 1.113 |
| 2 | n-propanol | 1662 | 1.954 |

Totals:

CD 9-27-07



ethanol 0.127 g/100ml

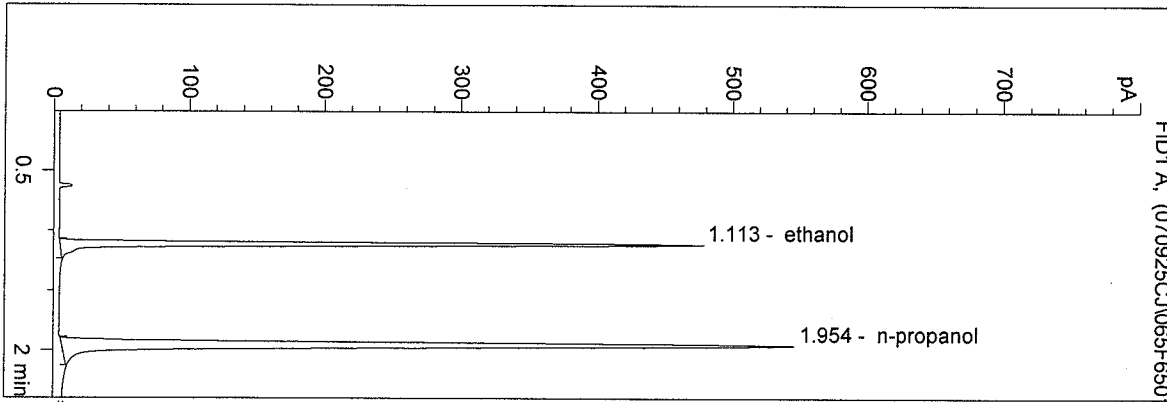


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:42:11 PM
 Instrument 5
 DB-ALC2

07043 QA 0.10 CJ
 Chris Johnston

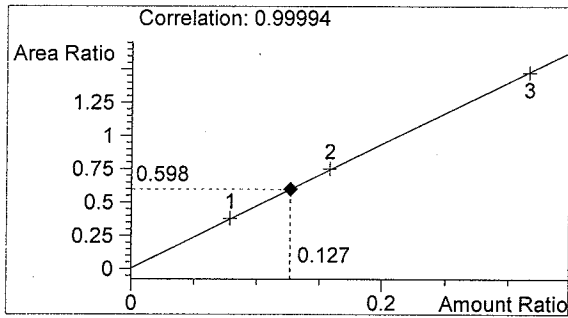
vial # 65



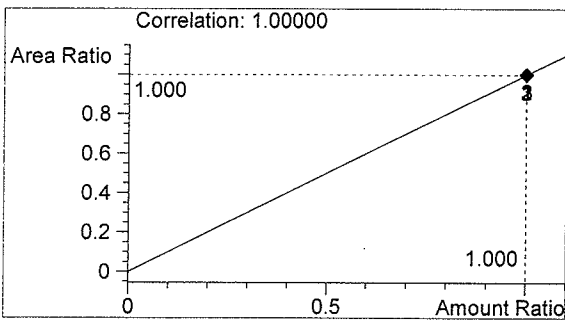
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 965 | 1.113 |
| 2 | n-propanol | 1616 | 1.954 |

Totals:

CJ 9-27-07



ethanol 0.127 g/100ml

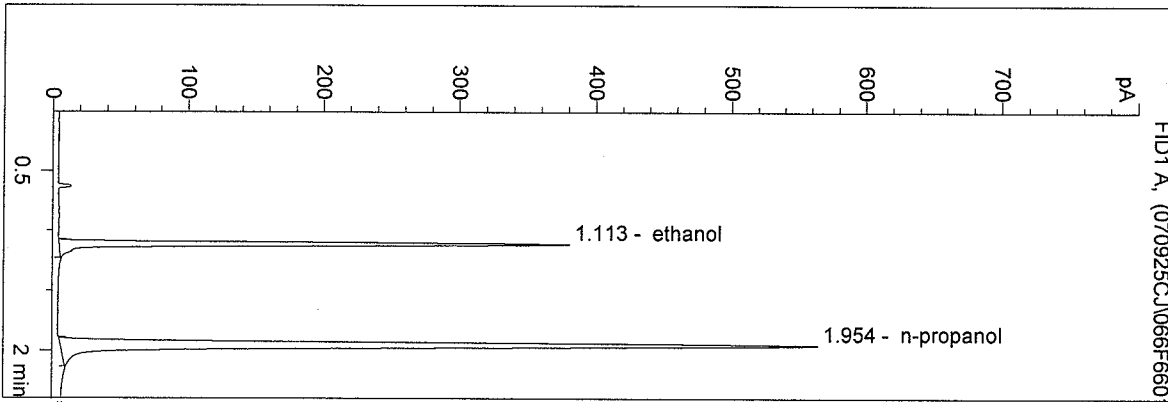


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:45:49 PM
 Instrument 5
 DB-ALC2

0.10 control CJ
 Chris Johnston

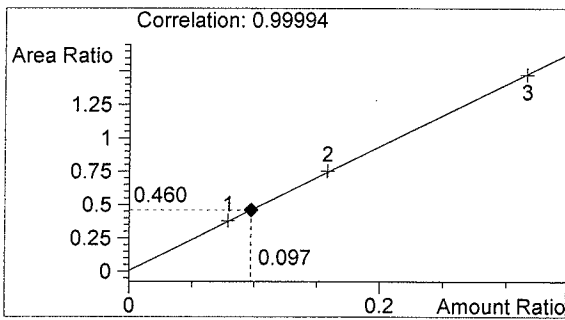
vial # 66



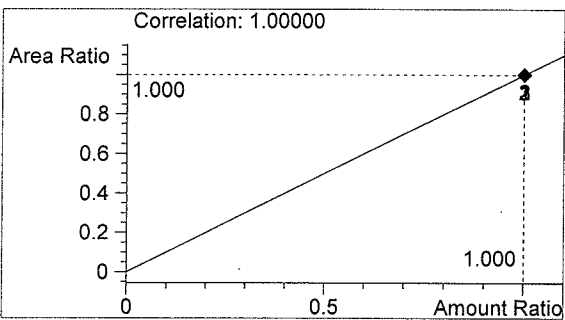
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 771 | 1.113 |
| 2 | n-propanol | 1678 | 1.954 |

Totals:

CJ 9.27.07



ethanol 0.097 g/100ml

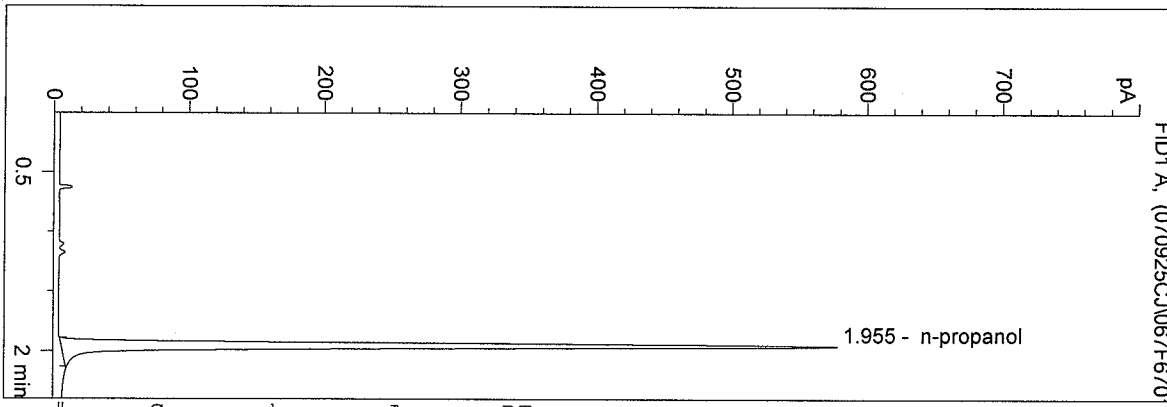


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:49:25 PM
 Instrument 5
 DB-ALC2

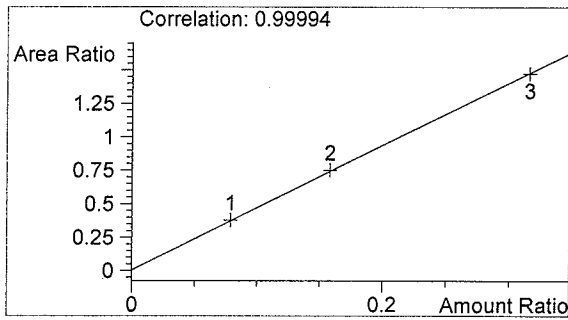
blank
 Chris Johnston

vial # 67

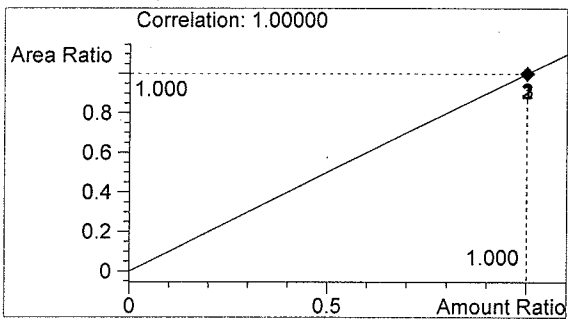


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1721 | 1.955 |

Totals:



ethanol 0.000 g/100ml



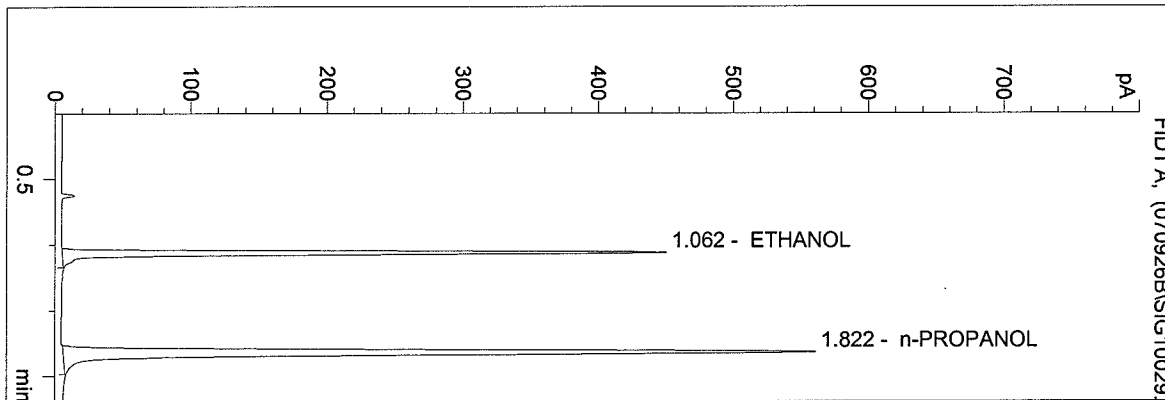
n-propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/26/2007 4:05:14 PM
 Instrument 3
 db-alc2

07043 QA-1
 N Nuwayhid, PhD

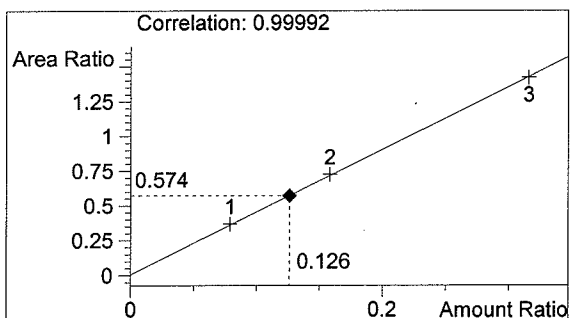
*calibrators in
 0707519*

vial # 29



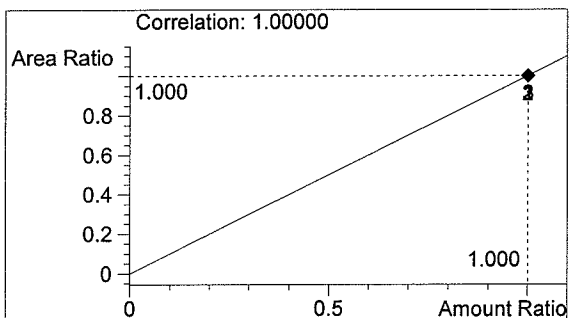
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 877 | 1.062 |
| 2 | n-PROPANOL | 1529 | 1.822 |

Totals:



ETHANOL

0.126 g/100ml



n-PROPANOL

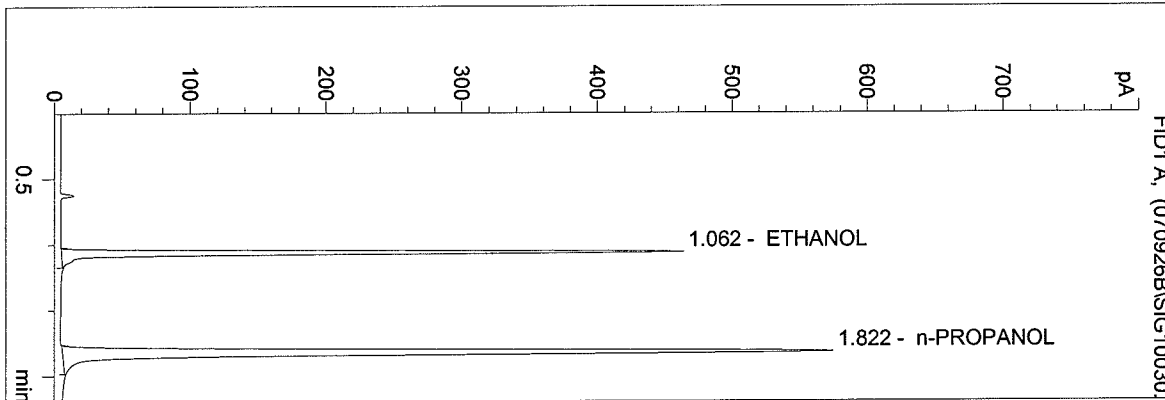
1.000 g/100ml

*NN
 1/10/07*

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/26/2007 4:08:21 PM
 Instrument 3
 db-alc2

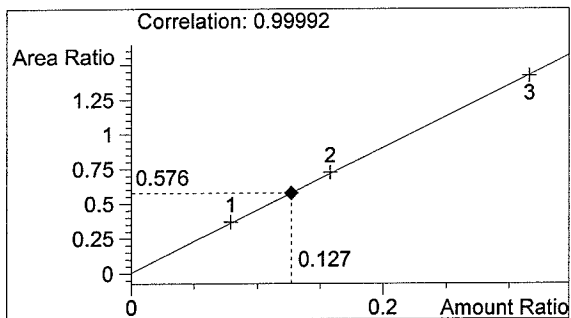
07043 QA-2
 N Nuwayhid, PhD

vial # 30



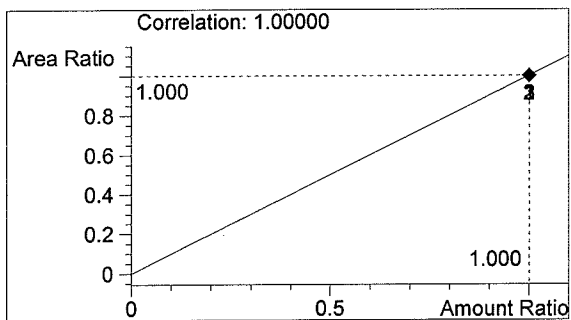
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 902 | 1.062 |
| 2 | n-PROPANOL | 1564 | 1.822 |

Totals:



ETHANOL

0.127 g/100ml



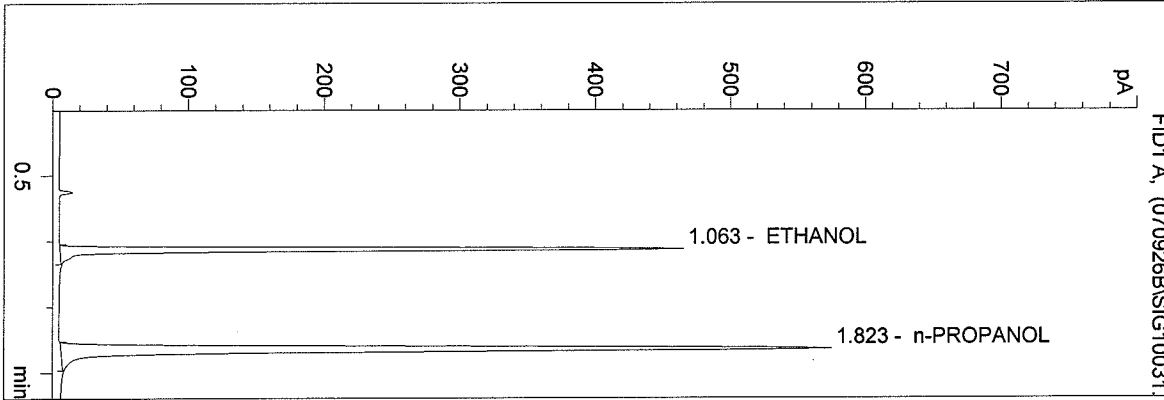
n-PROPANOL

1.000 g/100ml

NW
9/26/07

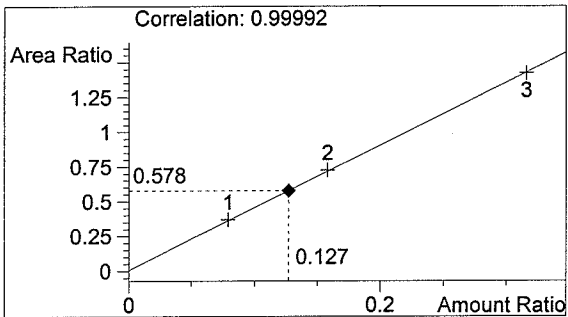
C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/26/2007 4:11:28 PM
 Instrument 3
 db-alc2

07043 QA-3
 N Nuwayhid, PhD
 vial # 31



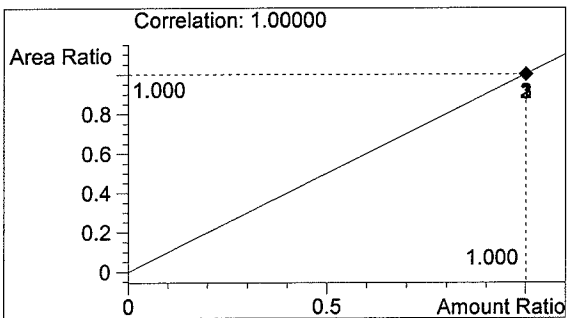
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 904 | 1.063 |
| 2 | n-PROPANOL | 1565 | 1.823 |

Totals:



ETHANOL

0.127 g/100ml



n-PROPANOL

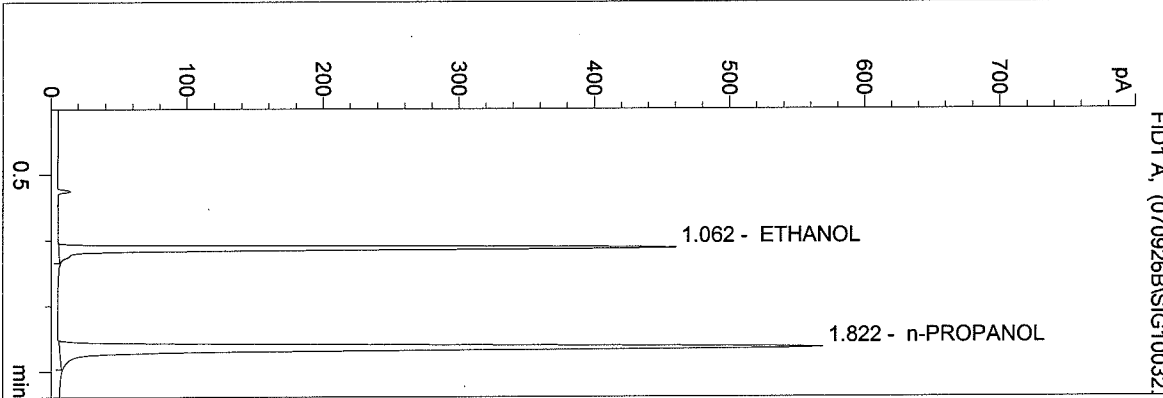
1.000 g/100ml

NU
 1/10/07

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/26/2007 4:14:36 PM
 Instrument 3
 db-alc2

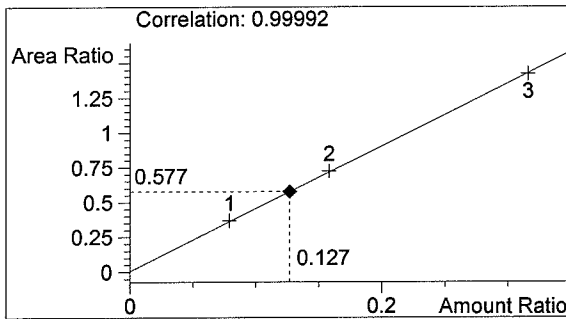
07043 QA-4
 N Nuwayhid, PhD

vial # 32



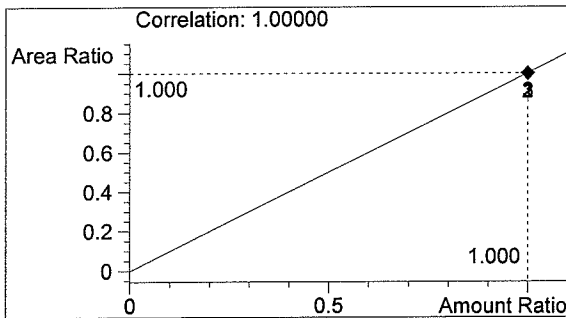
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 896 | 1.062 |
| 2 | n-PROPANOL | 1554 | 1.822 |

Totals:



ETHANOL

0.127 g/100ml



n-PROPANOL

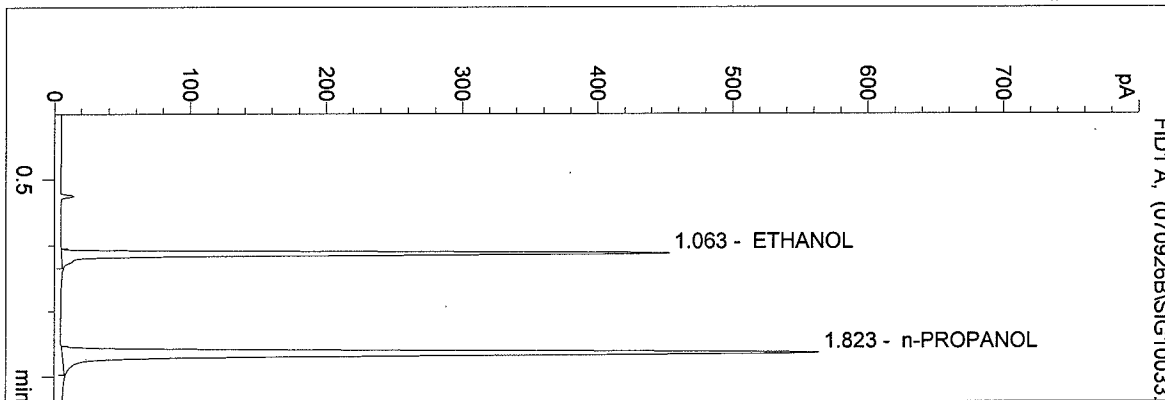
1.000 g/100ml

NW
1/10/07

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/26/2007 4:17:43 PM
 Instrument 3
 db-alc2

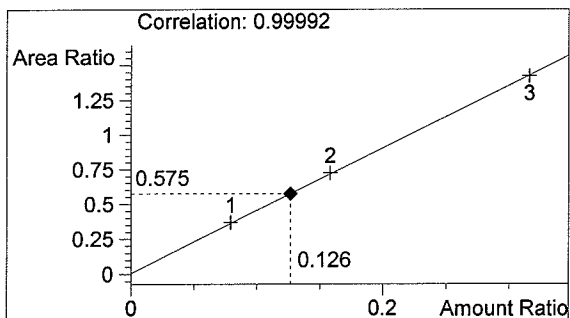
07043 QA-5
 N Nuwayhid, PhD

vial # 33



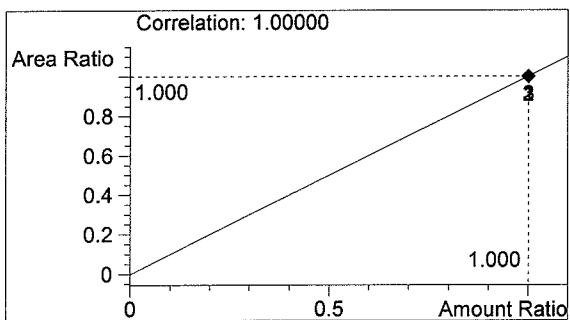
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 883 | 1.063 |
| 2 | n-PROPANOL | 1535 | 1.823 |

Totals:



ETHANOL

0.126 g/100ml



n-PROPANOL

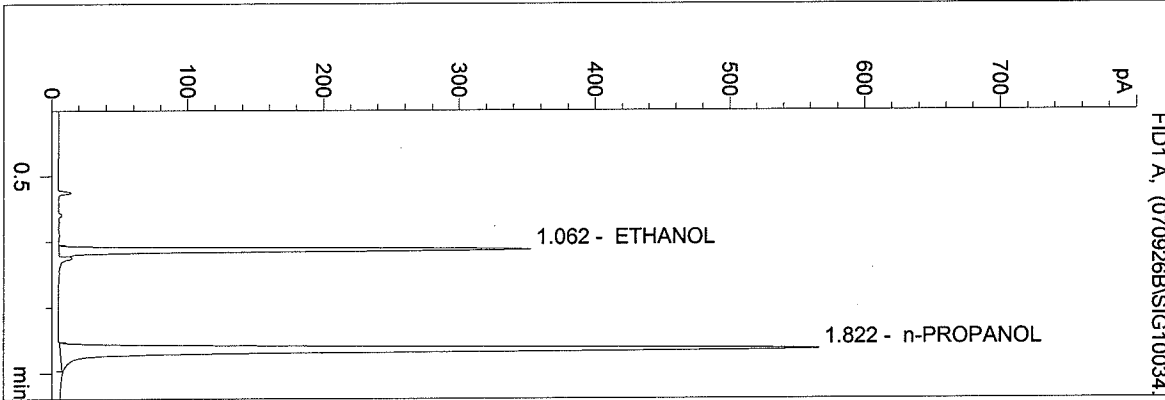
1.000 g/100ml

NW
 1/10/07

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/26/2007 4:20:50 PM
 Instrument 3
 db-alc2

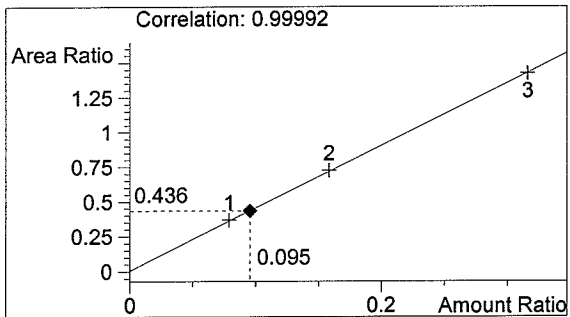
0.10 Ctrl-NN
 N Nuwayhid, PhD

vial # 34



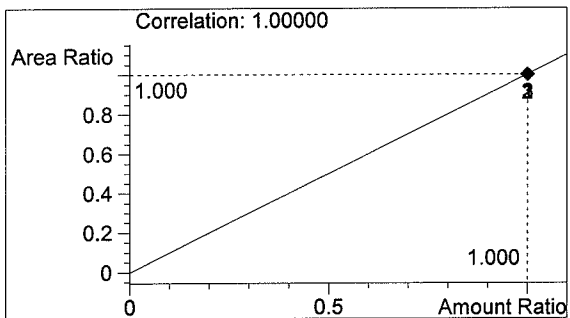
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 673 | 1.062 |
| 2 | n-PROPANOL | 1543 | 1.822 |

Totals:



ETHANOL

0.095 g/100ml



n-PROPANOL

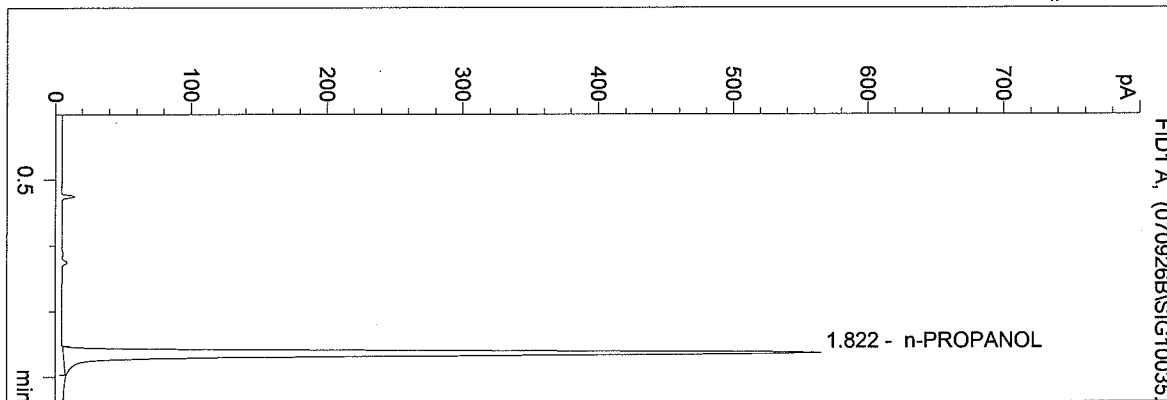
1.000 g/100ml

NN
 1/10/07

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/26/2007 4:23:57 PM
 Instrument 3
 db-alc2

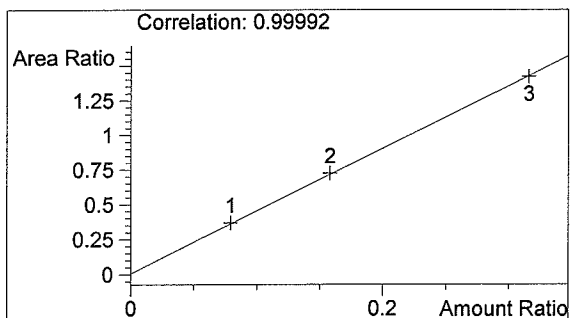
Blank
 N Nuwayhid, PhD

vial # 35



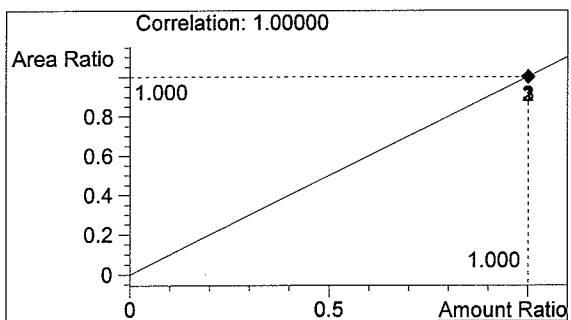
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 0 | 0.000 |
| 2 | n-PROPANOL | 1540 | 1.822 |

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

NP
 1/10/07