
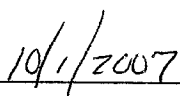
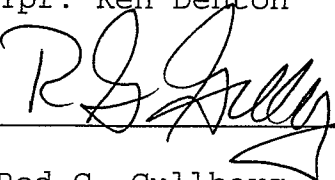
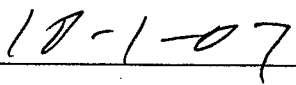


Notice of Simulator Solution File Review

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.

| | |
|---|---|
|  |  |
| Tpr. Ken Denton | Date |
|  |  |
| Rod G. Gullberg | Date |

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON/ROD GULLBERG Date 9-28-07
Location TOX LAB SEATTLE Batch Number 07002

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 ___


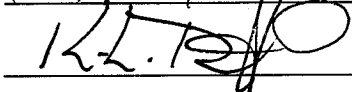
Computations:

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: 9-28-07
Reviewer Signature:  Date: 9/28/2007

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

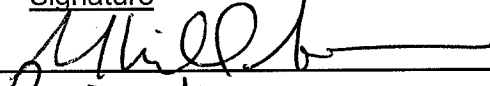
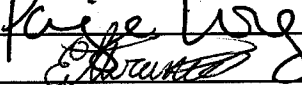

Preparation and certification of **0.04** g/210L Quality Assurance solution
 Batch number **07002** Date: 1/10/2007
 Preparation: 11.1 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

| | 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 | 0.047 | 0.047 | 0.047 | | | | | | | | | | | | | |
| 2 | 0.048 | 0.047 | 0.047 | | | | | | | | | | | | | |
| 3 | 0.048 | 0.047 | 0.047 | | | | | | | | | | | | | |
| 4 | 0.048 | 0.047 | 0.047 | | | | | | | | | | | | | |
| 5 | 0.048 | 0.047 | 0.047 | | | | | | | | | | | | | |
| Ctrl | 0.100 | 0.100 | 0.101 | | | | | | | | | | | | | |

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

Statistics:
 Avg. solution concent.: 0.0473 g/100 mL
 SD: 0.00046
 Range (3xSD): 0.0459 to 0.0487
 Precision CV (%): 0.9677 %

Equivalent vapor concent.: 0.0385 g/210L

| Analyst | Name | Signature | Date |
|---------|---------------------|--|------------|
| 1 | Sarah M. Swenson |  | 01/11/2007 |
| 2 | Paige Long |  | 01/10/2007 |
| 3 | Estuardo J. Miranda |  | 01/10/2007 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |

Prepared by: Sarah M. Swenson 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 QUALITY ASSURANCE SOLUTION
CERTIFICATION

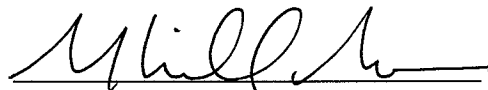
I, Sarah M Swenson, do certify under penalty of perjury that:

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.

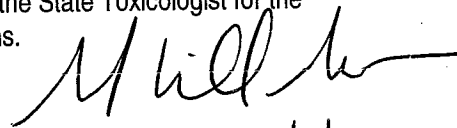
The quality assurance solution, Lot Number 07002, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0473 grams per 100ml.

Dated: 5/4/2007
Seattle, WA


Sarah M Swenson
Forensic Toxicologist

SMS/jr
SMSQA

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.


10/1/07

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 QUALITY ASSURANCE SOLUTION
CERTIFICATION

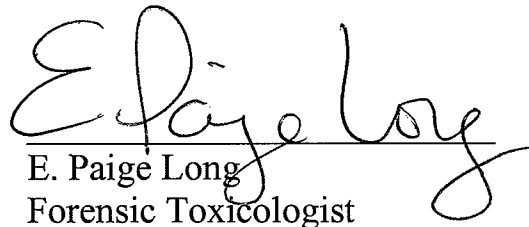
I, E. Paige Long, do certify under penalty of perjury that:

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.

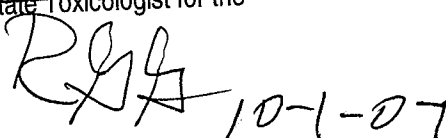
The quality assurance solution, Lot Number 07002, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0473 grams per 100ml.

Dated: 5/4/2007
Seattle, WA


E. Paige Long
Forensic Toxicologist

EPL/jr
PLQA

~~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.~~


RGA 10-1-07



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 QUALITY ASSURANCE 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 and nine years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 07002, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0473 grams per 100ml.

Dated: 5/4/2007
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
EMQA

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.

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 QUALITY ASSURANCE 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 quality assurance solution, Lot Number 07002, was prepared in the Washington State Toxicology Laboratory on 01/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.04 grams per 100ml.

Dated: 01/18/2007
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
EMQA

~~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.~~

EM
9-28-2007



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

SUBJECT: CORRECTION TO QUALITY ASSURANCE SOLUTION CERTIFICATES

DATE: May 4 2007

FROM: Ms. Ann Marie Gordon, Toxicology Laboratory Division

A handwritten signature in black ink, appearing to read "Ann Marie Gordon".

On January 18, 2007, Quality Assurance Solution Certifications were prepared and signed for batch numbers 07002, 07003, 07004 and 07005.

The mean solution concentration was incorrectly annotated for these solutions on the certification letters. The correct numbers are on the certification worksheets and the solutions were properly prepared in accordance with Standard Operating Procedure (SOP) and met all established criteria for acceptance.

This was an administrative error only, and in no way affects the legal or scientific supportability of the QA solutions. The original incorrect certification letters will be removed from the WEBDMS site and replaced with the corrected letters.

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

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 quality assurance solution, Lot Number 07002, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.04 grams per 100ml.

Dated: 1/18/2007
Seattle, WA

A handwritten signature in black ink, appearing to read "Sarah Swenson", written over a horizontal line.

Sarah Swenson
Forensic Toxicologist

SMS/jr
SSQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

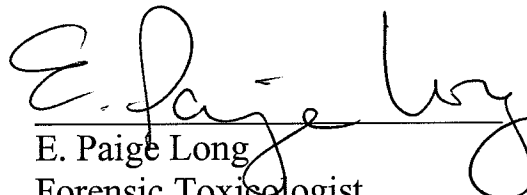
I, E. Paige Long, do certify under penalty of perjury that:

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 quality assurance solution, Lot Number 07002, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.04 grams per 100ml.

Dated: 1/18/2007
Seattle, WA


E. Paige Long
Forensic Toxicologist

EPL/jr
PLQA



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

SUBJECT: CORRECTION TO QUALITY ASSURANCE SOLUTION CERTIFICATES

DATE: May 4 2007

FROM: Ms. Ann Marie Gordon, Toxicology Laboratory Division

On January 18, 2007, Quality Assurance Solution Certifications were prepared and signed for batch numbers 07002, 07003, 07004 and 07005.

The mean solution concentration was incorrectly annotated for these solutions on the certification letters. The correct numbers are on the certification worksheets and the solutions were properly prepared in accordance with Standard Operating Procedure (SOP) and met all established criteria for acceptance.

This was an administrative error only, and in no way affects the legal or scientific supportability of the QA solutions. The original incorrect certification letters will be removed from the WEBDMS site and replaced with the corrected letters.

Sequence Parameters:

Operator: Sarah Swenson
 Data File Naming: Auto
 Data Directory: D:\HPCHEM\1\DATA\
 Data Subdirectory: 070111SS
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none
 Sequence Comment:

Sequence Table (Front Injector):

Method and Injection Info Part:

| Line | Location | SampleName | Method | Inj | SampleType | InjVolume | DataFile |
|------|----------|-------------|----------|-----|------------|-----------|----------|
| 1 | Vial 1 | 0.10 CTL-SS | BLDALCO2 | 1 | Ctrl Samp | | |
| 2 | Vial 2 | BLANK | BLDALCO2 | 1 | Sample | | |
| 3 | Vial 3 | 07002-1 | BLDALCO2 | 1 | Sample | | |
| 4 | Vial 4 | 07002-2 | BLDALCO2 | 1 | Sample | | |
| 5 | Vial 5 | 07002-3 | BLDALCO2 | 1 | Sample | | |
| 6 | Vial 6 | 07002-4 | BLDALCO2 | 1 | Sample | | |
| 7 | Vial 7 | 07002-5 | BLDALCO2 | 1 | Sample | | |
| 8 | Vial 8 | 0.10 CTL-SS | BLDALCO2 | 1 | Ctrl Samp | | |
| 9 | Vial 9 | BLANK | BLDALCO2 | 1 | Sample | | |
| 10 | Vial 10 | 07003-1 | BLDALCO2 | 1 | Sample | | |
| 11 | Vial 11 | 07003-2 | BLDALCO2 | 1 | Sample | | |
| 12 | Vial 12 | 07003-3 | BLDALCO2 | 1 | Sample | | |
| 13 | Vial 13 | 07003-4 | BLDALCO2 | 1 | Sample | | |
| 14 | Vial 14 | 07003-5 | BLDALCO2 | 1 | Sample | | |
| 15 | Vial 15 | 0.10 CTL-SS | BLDALCO2 | 1 | Ctrl Samp | | |
| 16 | Vial 16 | BLANK | BLDALCO2 | 1 | Sample | | |
| 17 | Vial 17 | 07004-1 | BLDALCO2 | 1 | Sample | | |
| 18 | Vial 18 | 07004-2 | BLDALCO2 | 1 | Sample | | |
| 19 | Vial 19 | 07004-3 | BLDALCO2 | 1 | Sample | | |
| 20 | Vial 20 | 07004-4 | BLDALCO2 | 1 | Sample | | |
| 21 | Vial 21 | 07004-5 | BLDALCO2 | 1 | Sample | | |
| 22 | Vial 22 | 0.10 CTL-SS | BLDALCO2 | 1 | Ctrl Samp | | |
| 23 | Vial 23 | BLANK | BLDALCO2 | 1 | Sample | | |
| 24 | Vial 24 | 07005-1 | BLDALCO2 | 1 | Sample | | |
| 25 | Vial 25 | 07005-2 | BLDALCO2 | 1 | Sample | | |
| 26 | Vial 26 | 07005-3 | BLDALCO2 | 1 | Sample | | |
| 27 | Vial 27 | 07005-4 | BLDALCO2 | 1 | Sample | | |
| 28 | Vial 28 | 07005-5 | BLDALCO2 | 1 | Sample | | |
| 29 | Vial 29 | 0.10 CTL-SS | BLDALCO2 | 1 | Ctrl Samp | | |
| 30 | Vial 30 | BLANK | BLDALCO2 | 1 | Sample | | |

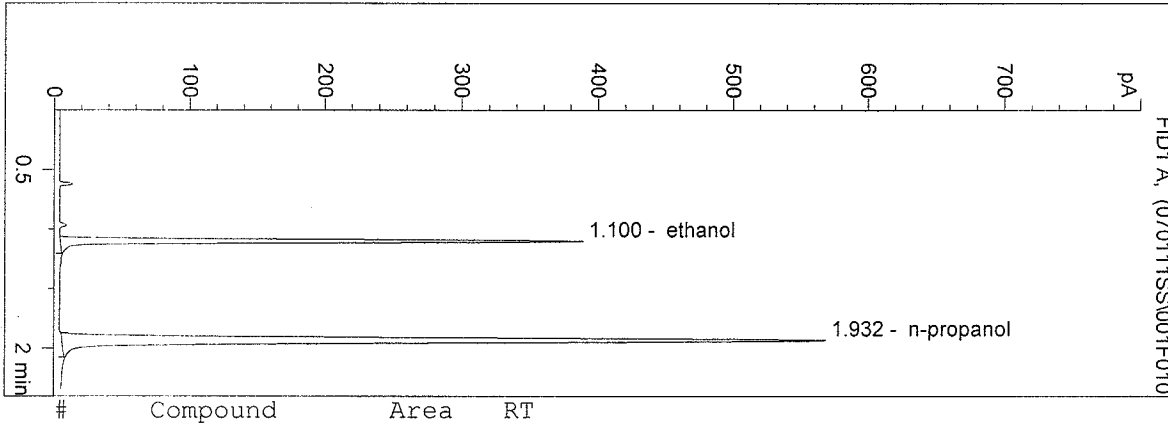
Sequence Table (Back Injector):

No entries - empty table!

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:05:20 PM
 Instrument 5
 DB-ALC2

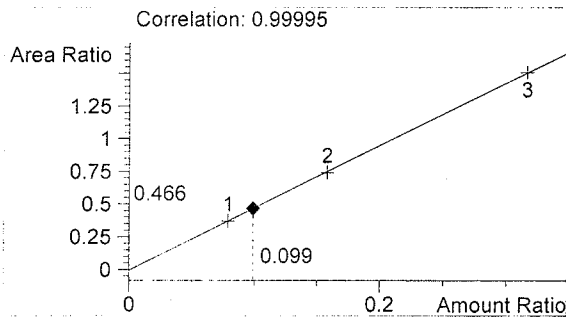
0.10 CTL-SS
 Sarah Swenson

vial # 1

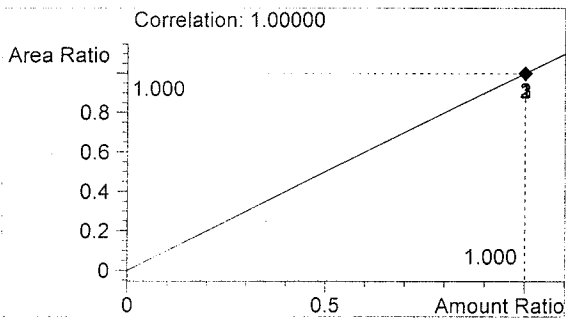


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 767 | 1.100 |
| 2 | n-propanol | 1645 | 1.932 |

Totals:



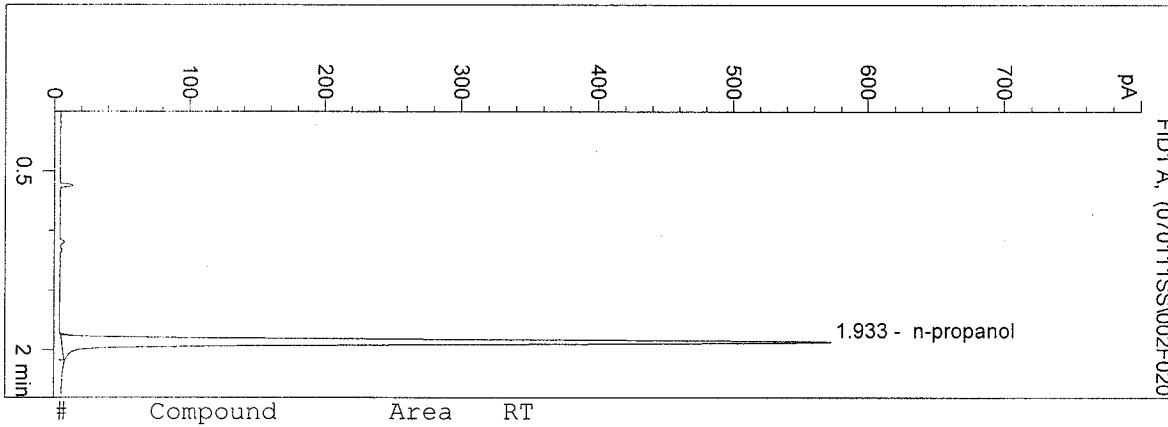
ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

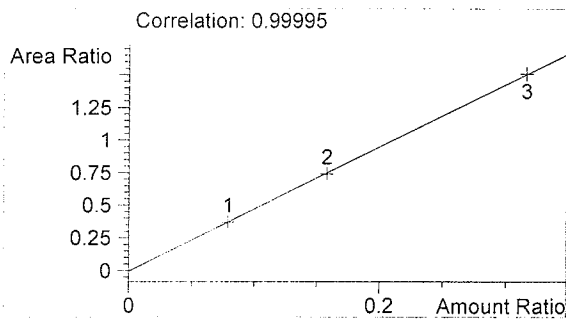
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 1/11/2007 2:08:15 PM
 Instrument 5
 DB-ALC2

BLANK
 Sarah Swenson
 vial # 2

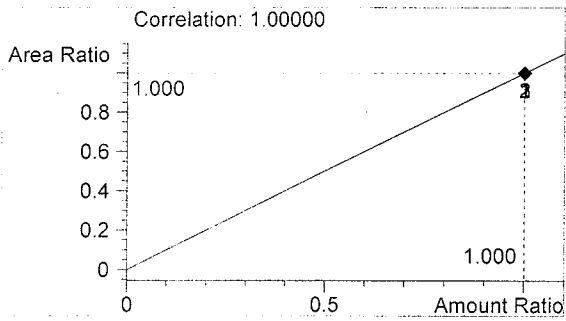


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1661 | 1.933 |

Totals:



ethanol 0.000 g/100ml

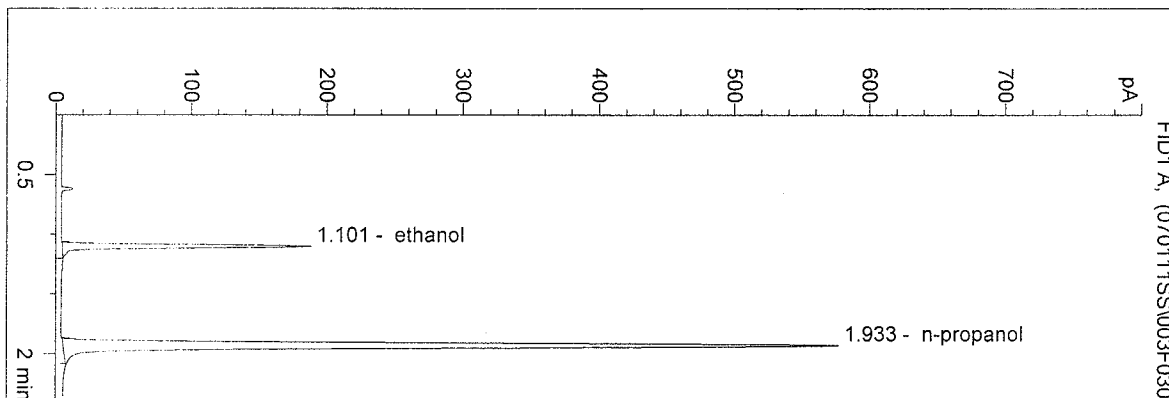


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:11:10 PM
 Instrument 5
 DB-ALC2

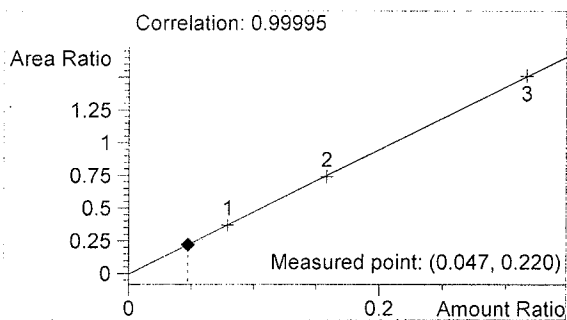
07002-1
 Sarah Swenson

vial # 3

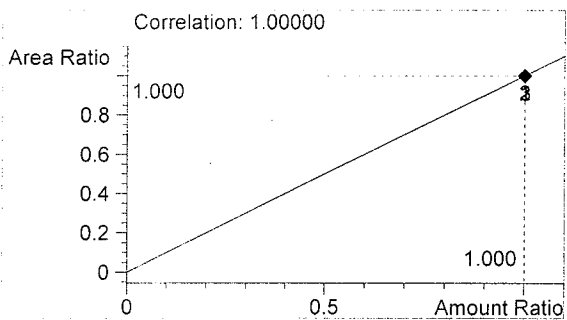


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 370 | 1.101 |
| 2 | n-propanol | 1680 | 1.933 |

Totals:



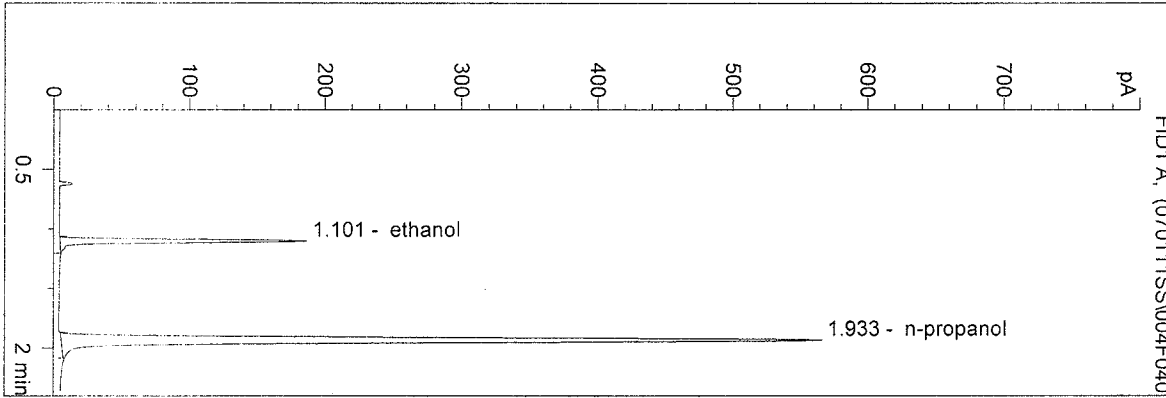
ethanol 0.047 g/100ml



n-propanol 1.000 g/100ml

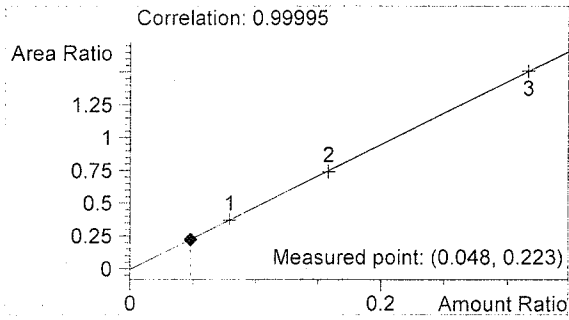
D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:14:03 PM
 Instrument 5
 DB-ALC2

07002-2
 Sarah Swenson
 vial # 4

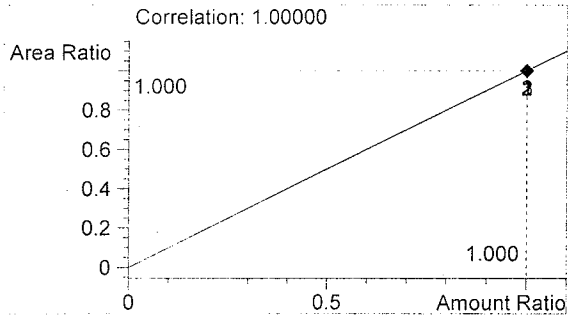


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 368 | 1.101 |
| 2 | n-propanol | 1645 | 1.933 |

Totals:



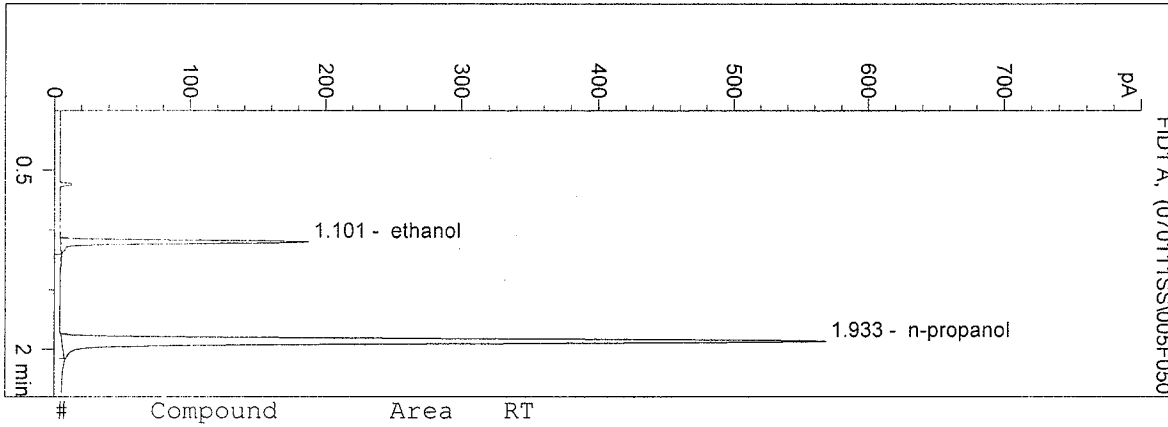
ethanol 0.048 g/100ml



n-propanol 1.000 g/100ml

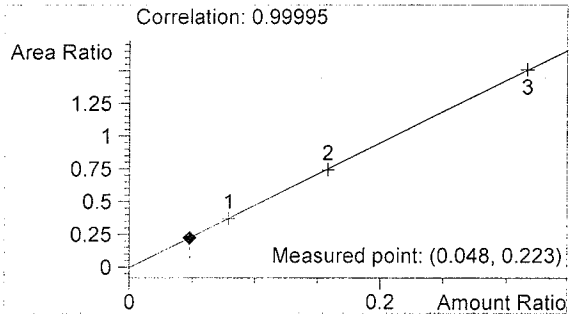
D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:17:23 PM
 Instrument 5
 DB-ALC2

07002-3
 Sarah Swenson
 vial # 5

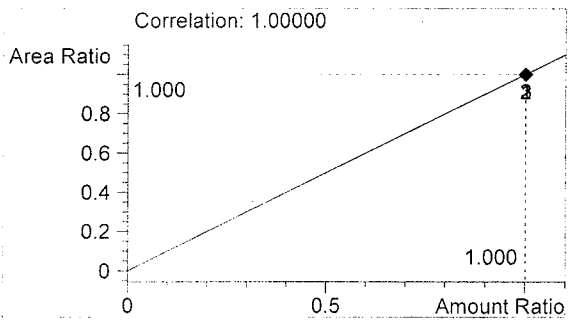


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 369 | 1.101 |
| 2 | n-propanol | 1652 | 1.933 |

Totals:



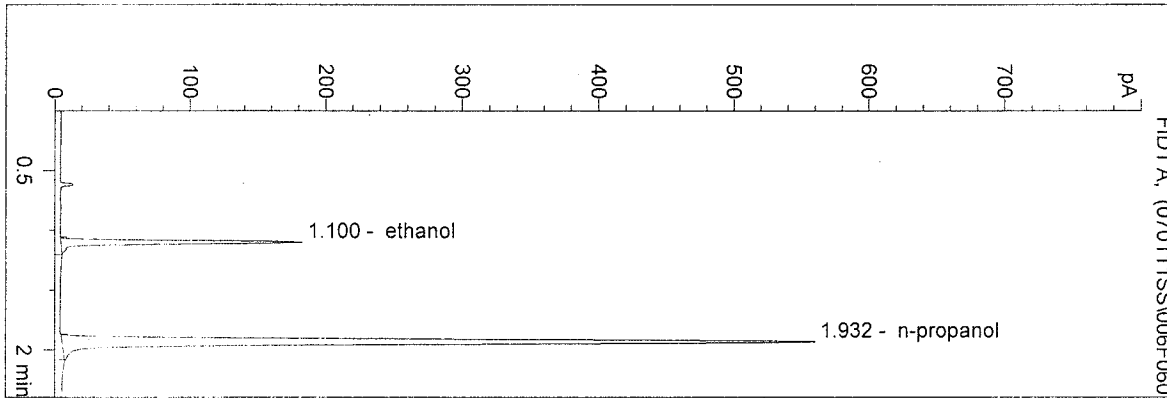
ethanol 0.048 g/100ml



n-propanol 1.000 g/100ml

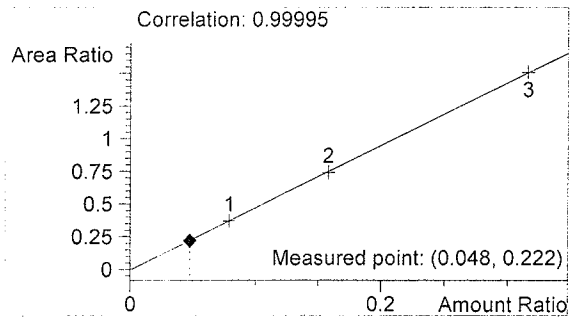
D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:20:12 PM
 Instrument 5
 DB-ALC2

07002-4
 Sarah Swenson
 vial # 6

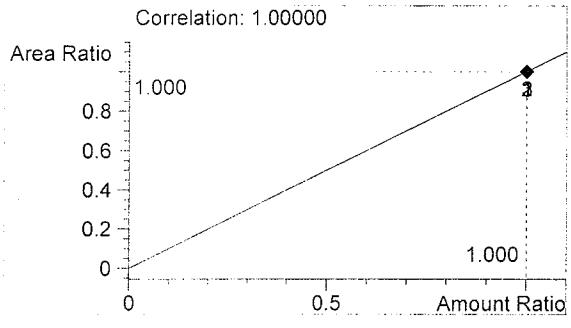


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 361 | 1.100 |
| 2 | n-propanol | 1630 | 1.932 |

Totals:



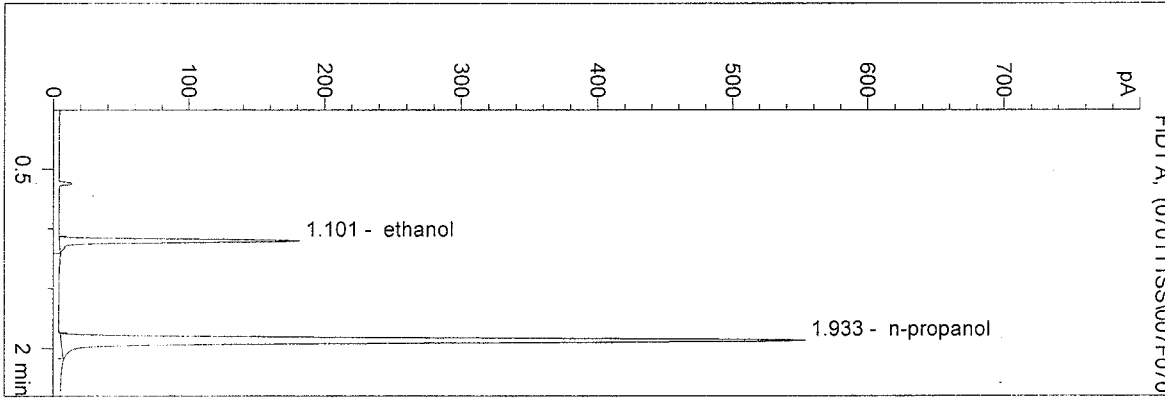
ethanol 0.048 g/100ml



n-propanol 1.000 g/100ml

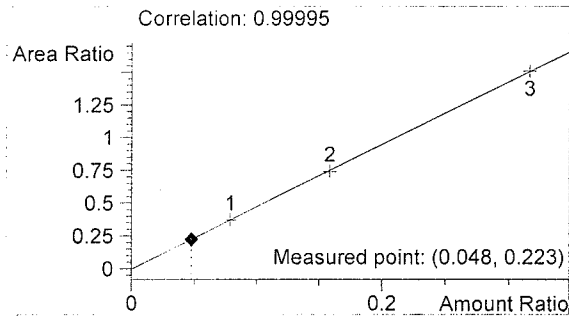
D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:23:07 PM
 Instrument 5
 DB-ALC2

07002-5
 Sarah Swenson
 vial # 7

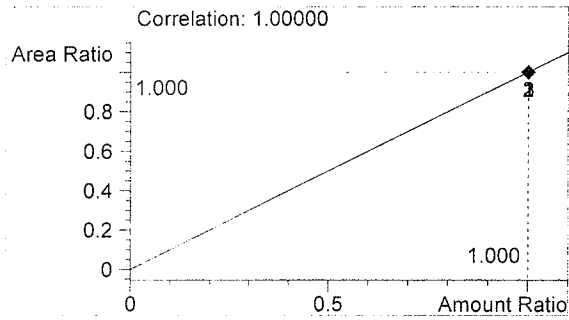


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 359 | 1.101 |
| 2 | n-propanol | 1609 | 1.933 |

Totals:



ethanol 0.048 g/100ml

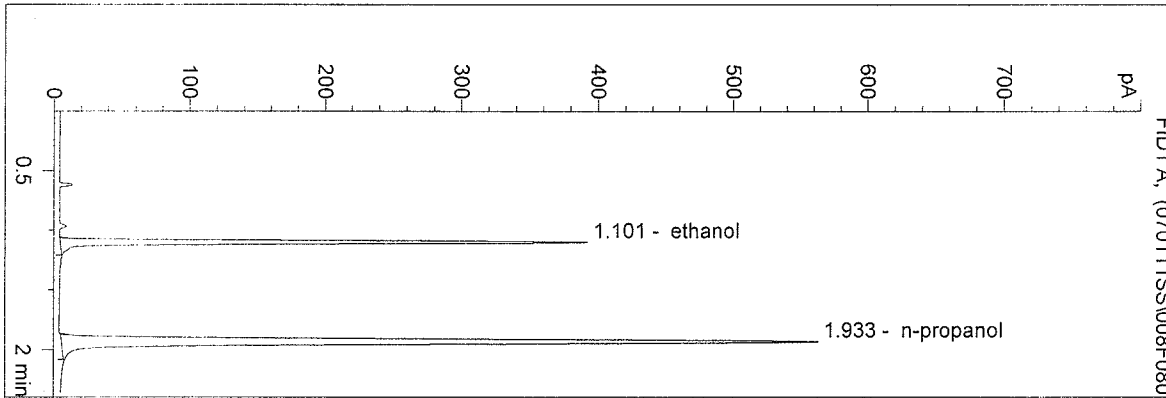


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:26:00 PM
 Instrument 5
 DB-ALC2

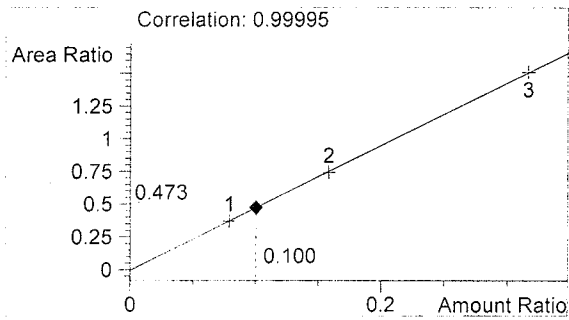
0.10 CTL-SS
 Sarah Swenson

vial # 8

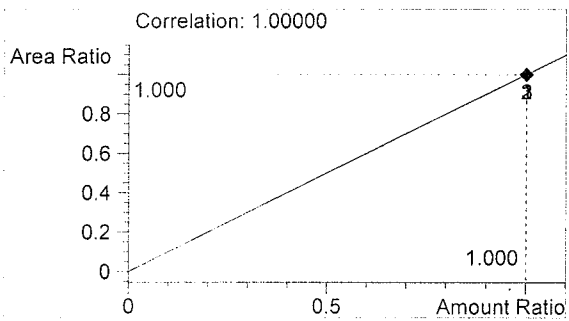


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 776 | 1.101 |
| 2 | n-propanol | 1639 | 1.933 |

Totals:



ethanol 0.100 g/100ml

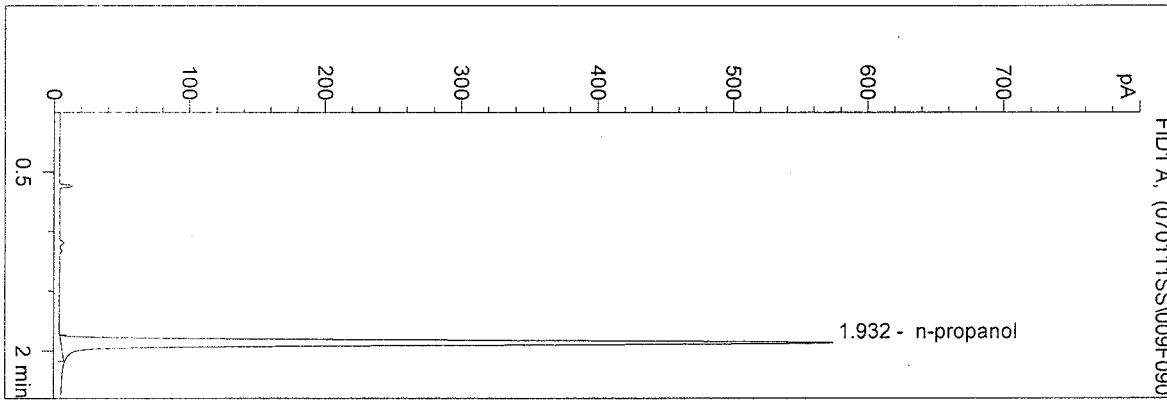


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/11/2007 2:29:26 PM
 Instrument 5
 DB-ALC2

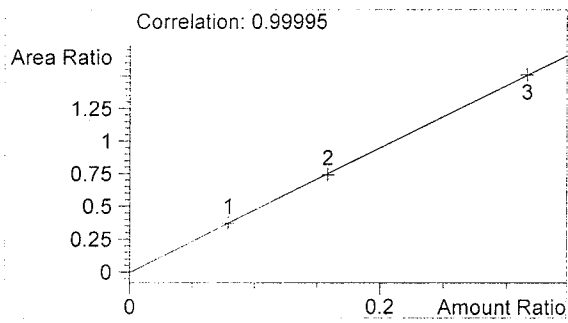
BLANK
 Sarah Swenson

vial # 9

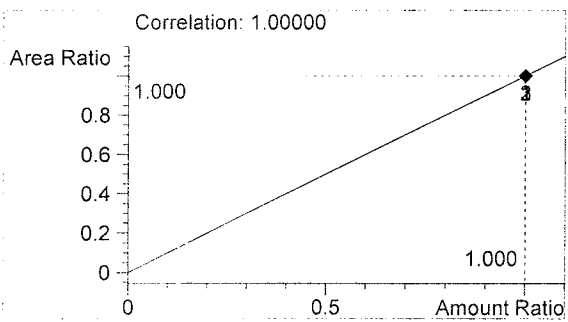


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ethanol | 0 | 0.000 |
| 2 | n-propanol | 1670 | 1.932 |

Totals:



ethanol 0.000 g/100ml

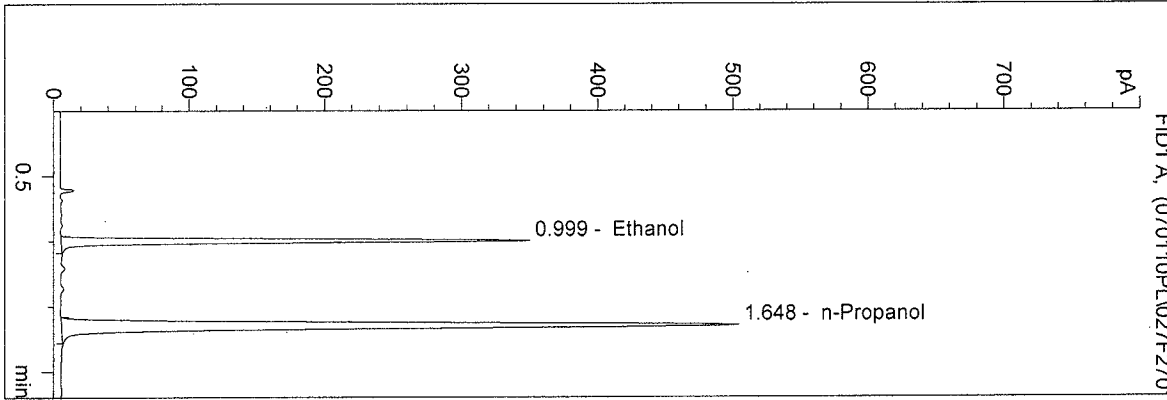


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 1:49:17 PM
 Instrument 4
 DB-ALC1

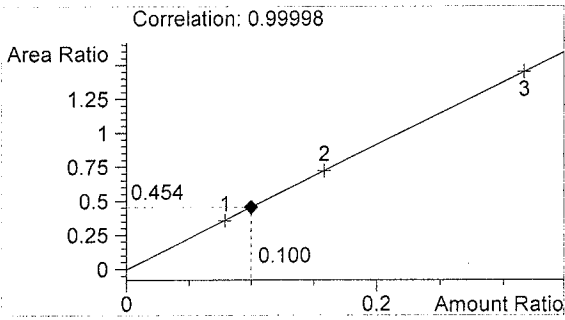
0.10CTL
 P LONG

vial # 27

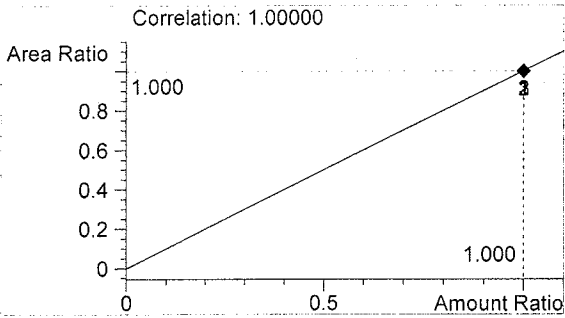


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 713 | 0.999 |
| 2 | n-Propanol | 1572 | 1.648 |

Totals:



Ethanol 0.100 g/100ml

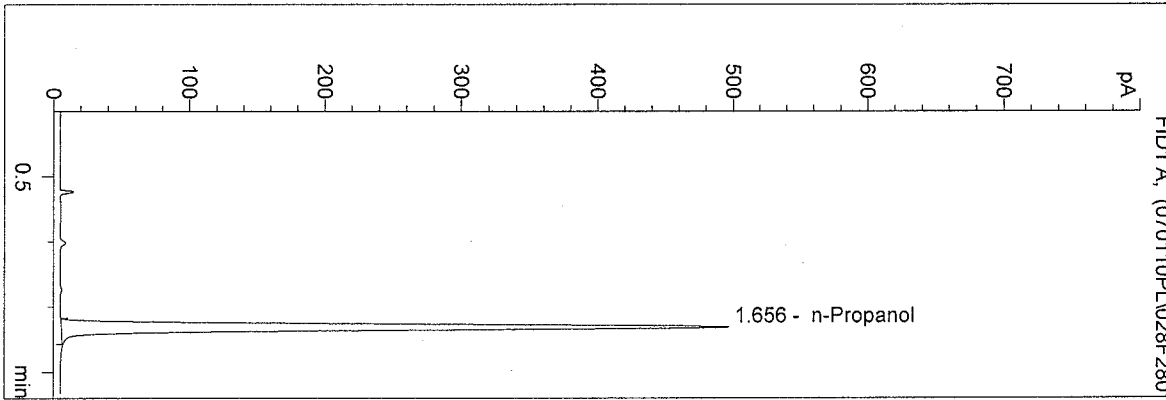


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 1:52:37 PM
 Instrument 4
 DB-ALC1

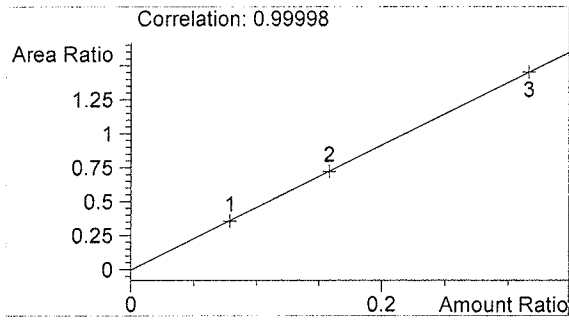
BLANK
 P LONG

vial # 28

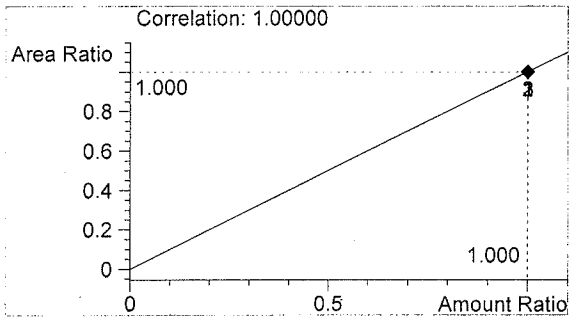


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1545 | 1.656 |

Totals:



Ethanol 0.000 g/100ml

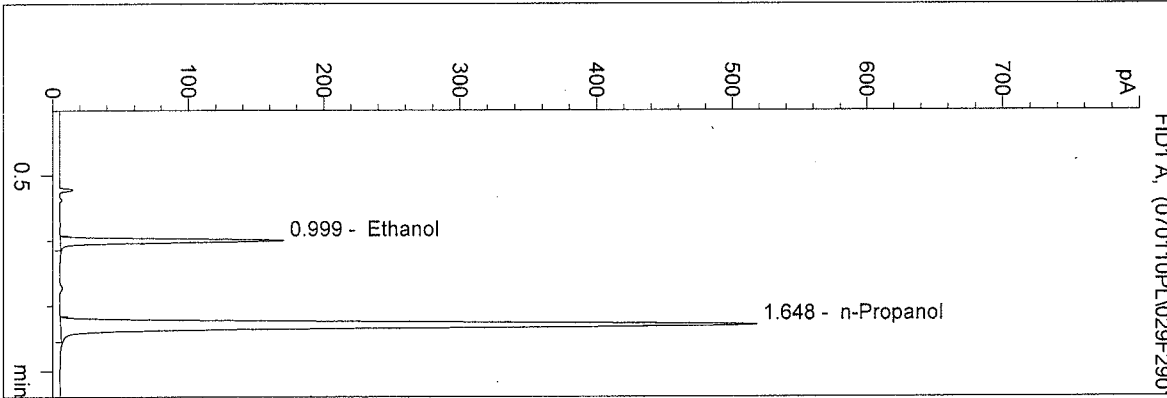


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 1:55:57 PM
 Instrument 4
 DB-ALC1

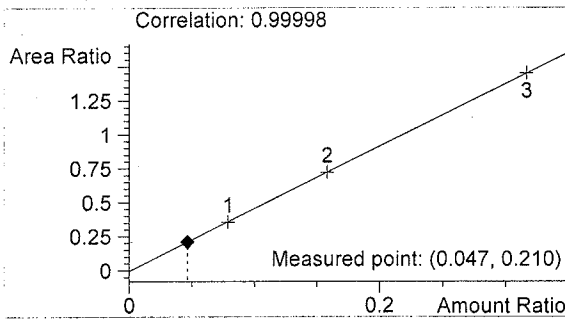
QA 07002
 P LONG

vial # 29

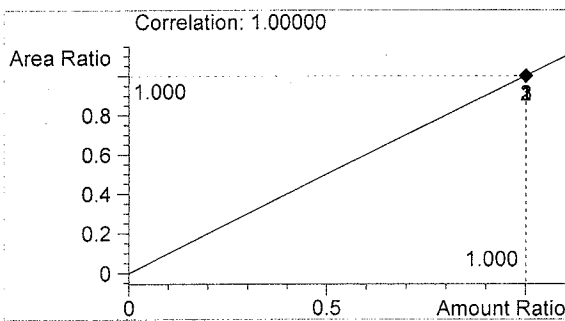


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 339 | 0.999 |
| 2 | n-Propanol | 1615 | 1.648 |

Totals:



Ethanol 0.047 g/100ml

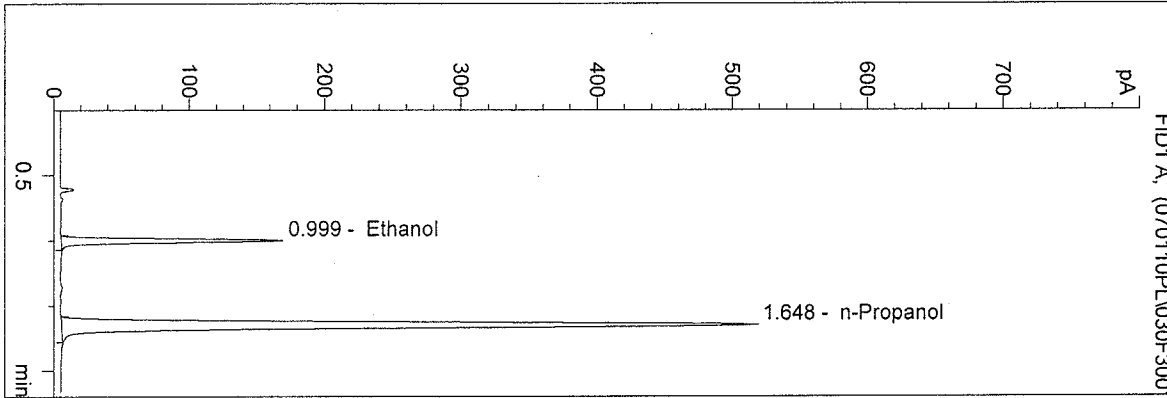


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 1:59:16 PM
 Instrument 4
 DB-ALC1

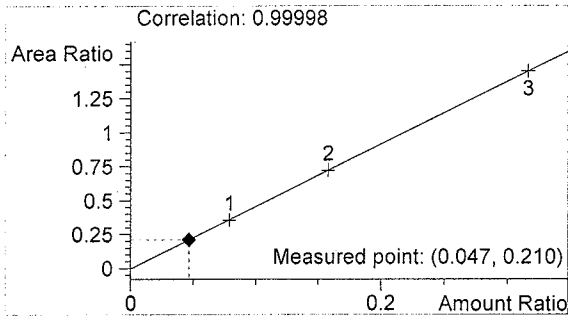
QA 07002
 P LONG

vial # 30

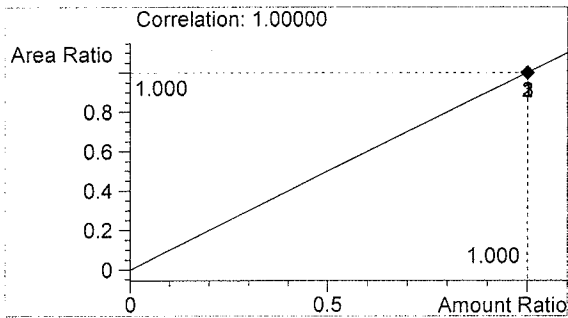


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 339 | 0.999 |
| 2 | n-Propanol | 1618 | 1.648 |

Totals:



Ethanol 0.047 g/100ml

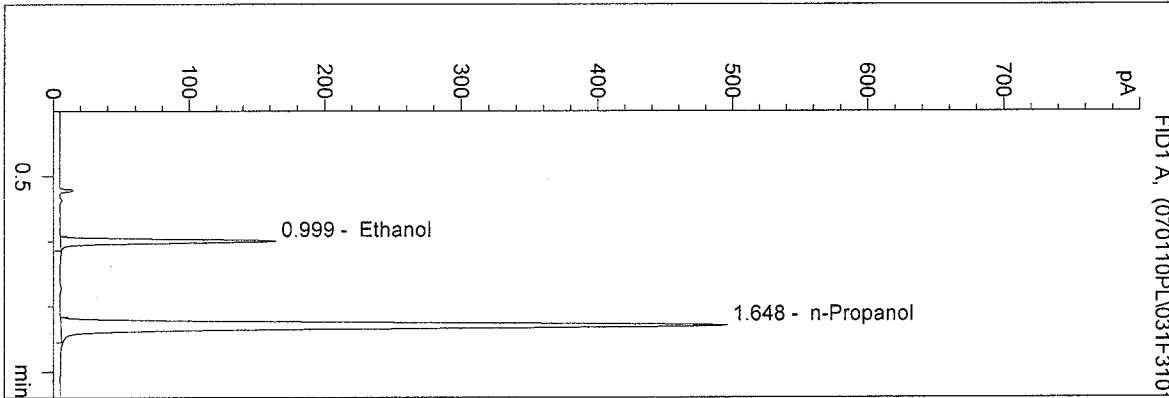


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:11:07 PM
 Instrument 4
 DB-ALC1

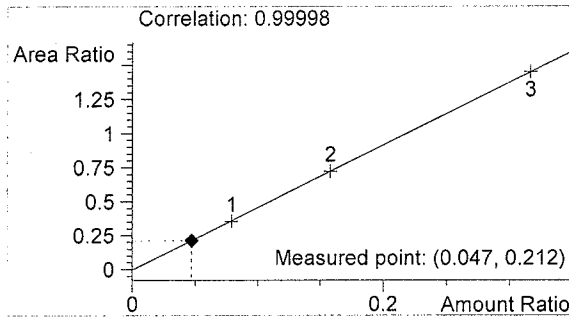
QA 07002
 P LONG

vial # 31

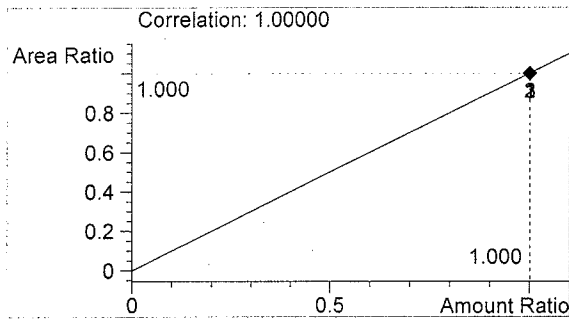


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 327 | 0.999 |
| 2 | n-Propanol | 1546 | 1.648 |

Totals:



Ethanol 0.047 g/100ml

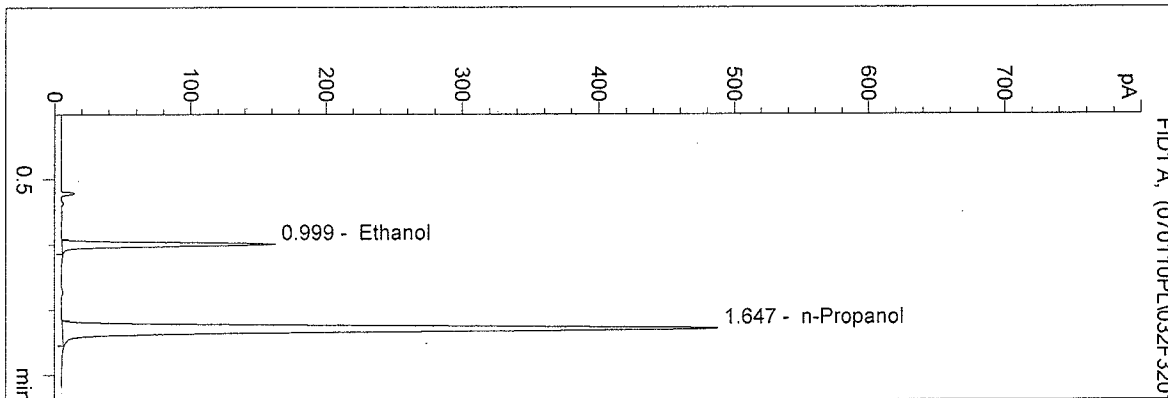


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:14:25 PM
 Instrument 4
 DB-ALC1

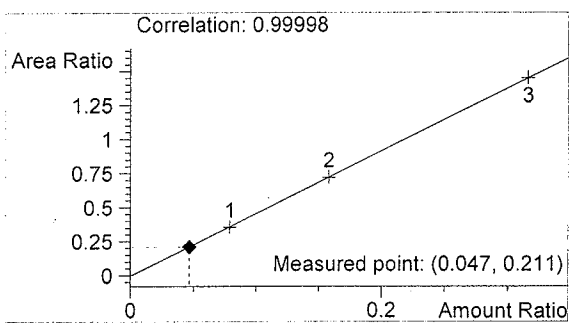
QA 07002
 P LONG

vial # 32

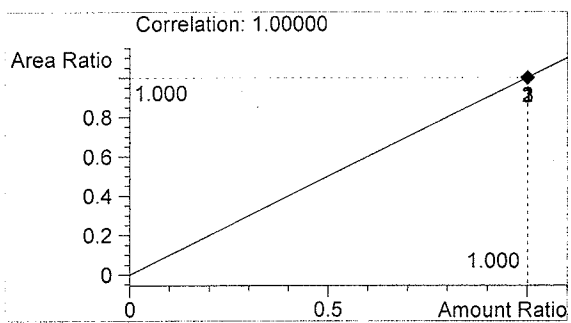


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 320 | 0.999 |
| 2 | n-Propanol | 1519 | 1.647 |

Totals:



Ethanol 0.047 g/100ml

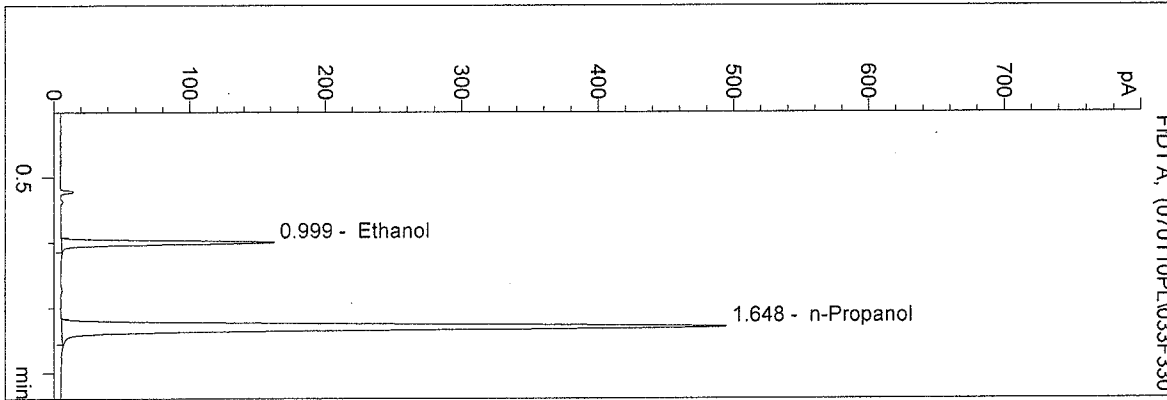


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 2:17:42 PM
 Instrument 4
 DB-ALC1

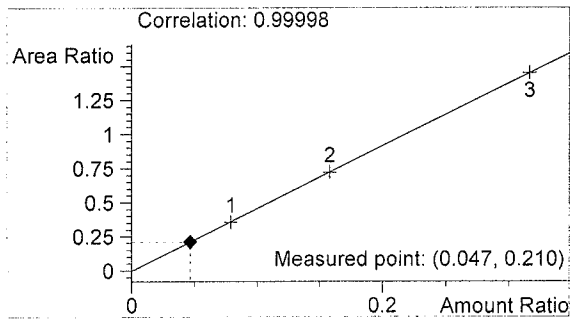
QA 07002
 P LONG

vial # 33

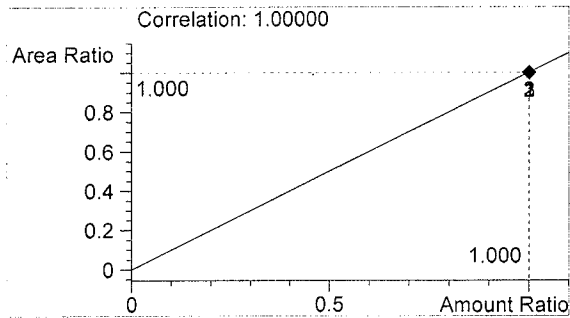


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 324 | 0.999 |
| 2 | n-Propanol | 1543 | 1.648 |

Totals:



Ethanol 0.047 g/100ml

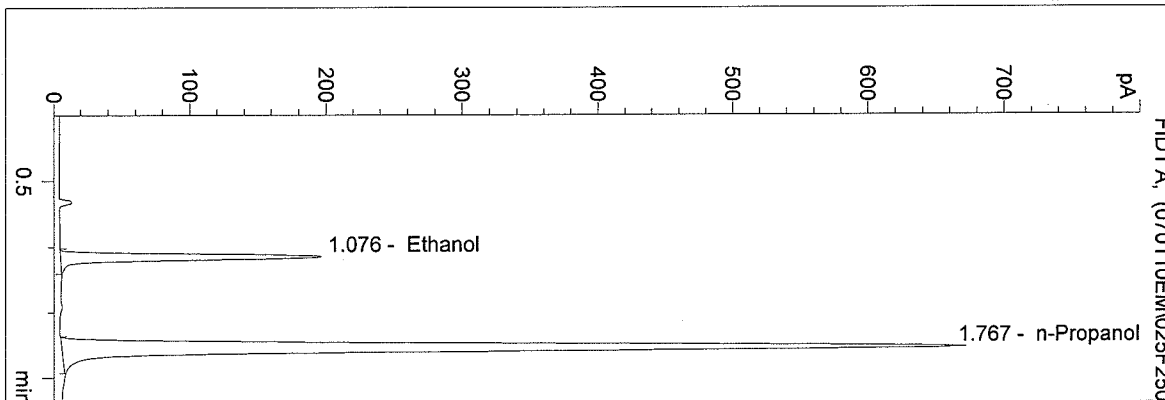


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:33:26 PM
 Instrument 1
 DB ALC 1

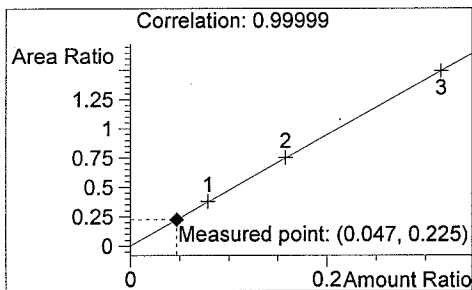
QA Sol 07002-1
 Estuardo J.Miranda

vial # 25



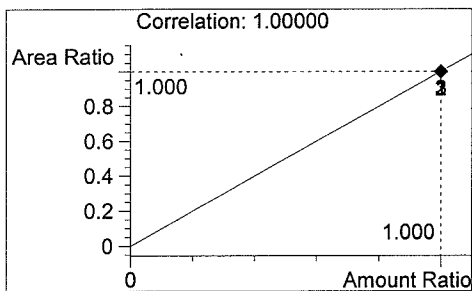
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 598 | 1.076 |
| 2 | n-Propanol | 2661 | 1.767 |

Tot



Ethanol

0.047 g/100ml



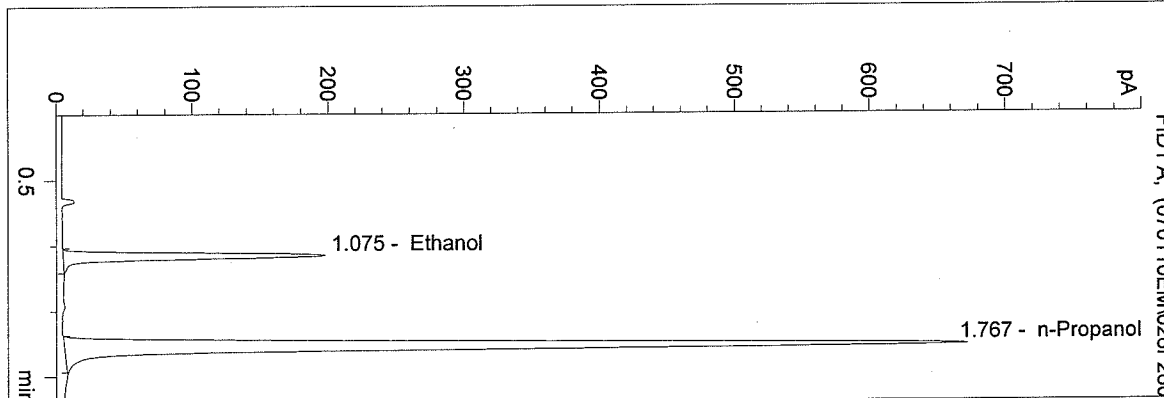
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:36:30 PM
 Instrument 1
 DB ALC 1

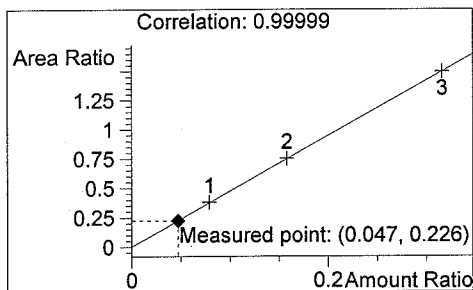
QA Sol 07002-2
 Estuardo J.Miranda

vial # 26



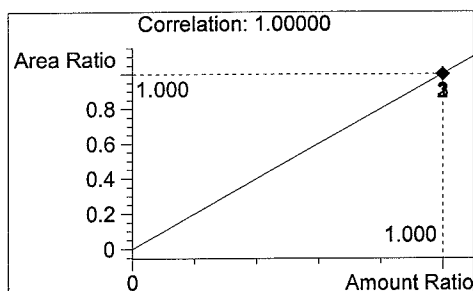
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 601 | 1.075 |
| 2 | n-Propanol | 2665 | 1.767 |

Tot



Ethanol

0.047 g/100ml



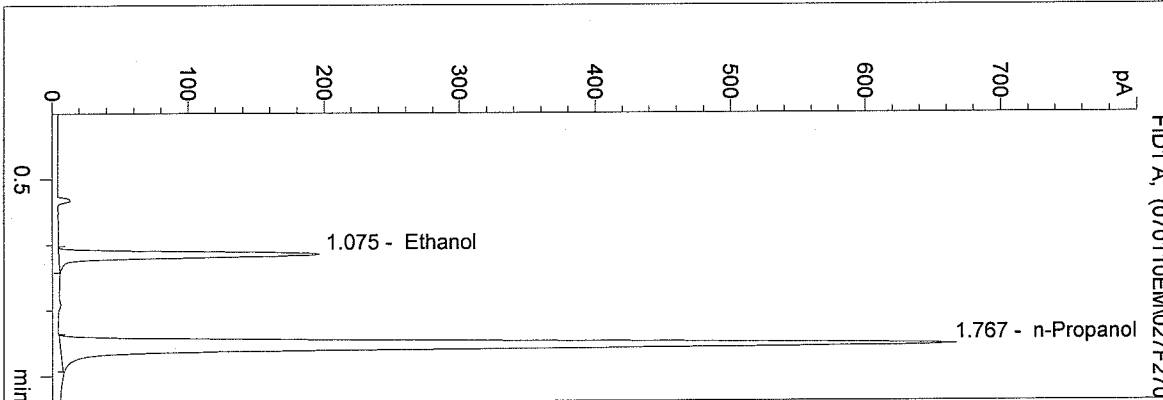
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:39:35 PM
 Instrument 1
 DB ALC 1

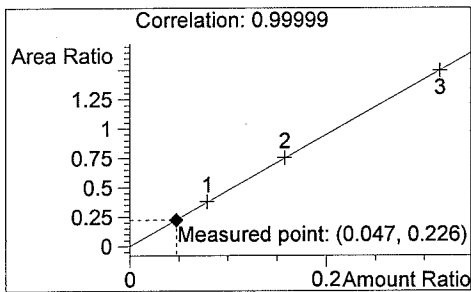
QA Sol 07002-3
 Estuardo J.Miranda

vial # 27



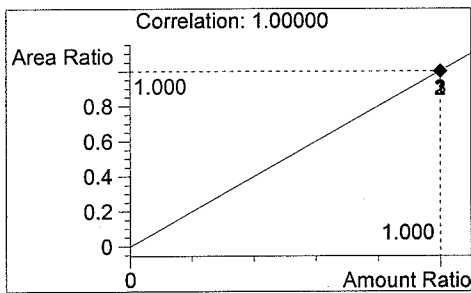
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 599 | 1.075 |
| 2 | n-Propanol | 2649 | 1.767 |

Tot



Ethanol

0.047 g/100ml



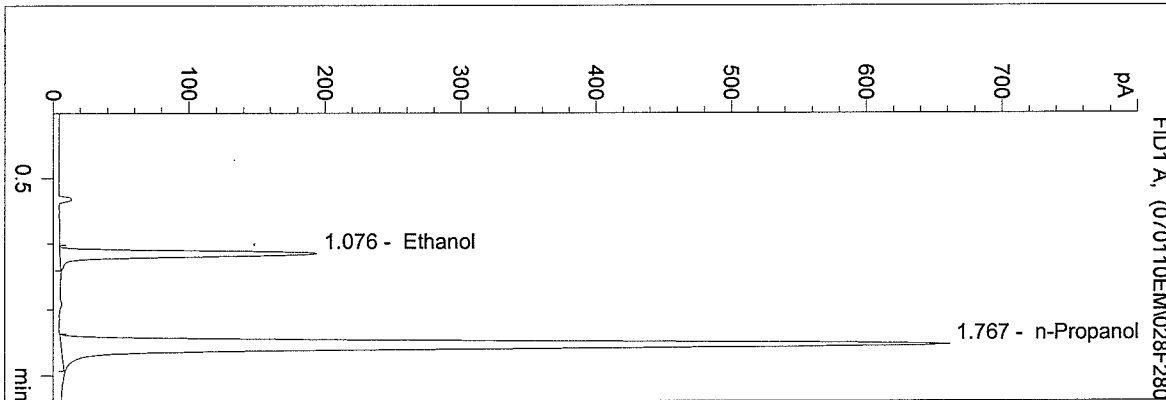
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:42:40 PM
 Instrument 1
 DB ALC 1

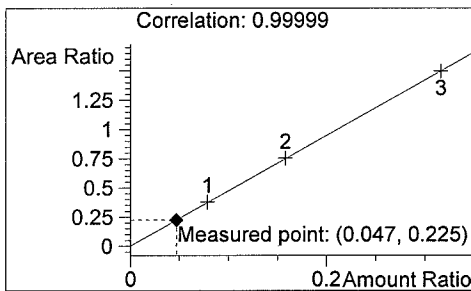
QA Sol 07002-4
 Estuardo J.Miranda

vial # 28



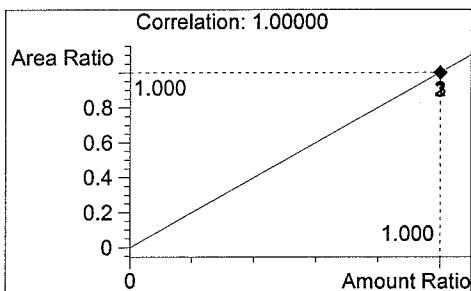
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 593 | 1.076 |
| 2 | n-Propanol | 2630 | 1.767 |

Tot



Ethanol

0.047 g/100ml



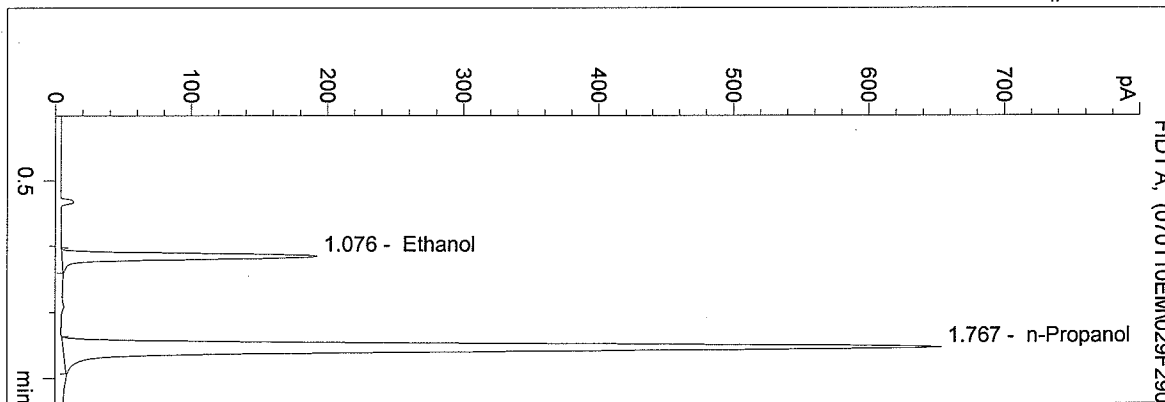
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:45:45 PM
 Instrument 1
 DB ALC 1

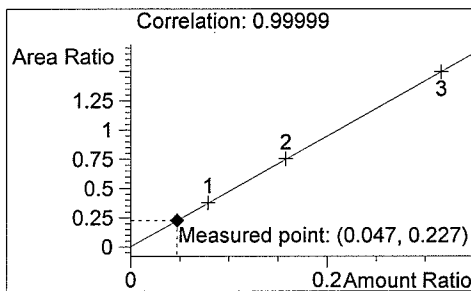
QA Sol 07002-5
 Estuardo J.Miranda

vial # 29



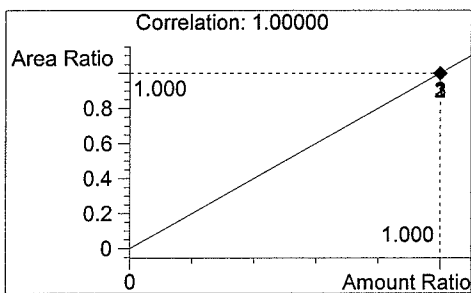
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 587 | 1.076 |
| 2 | n-Propanol | 2589 | 1.767 |

Tot



Ethanol

0.047 g/100ml



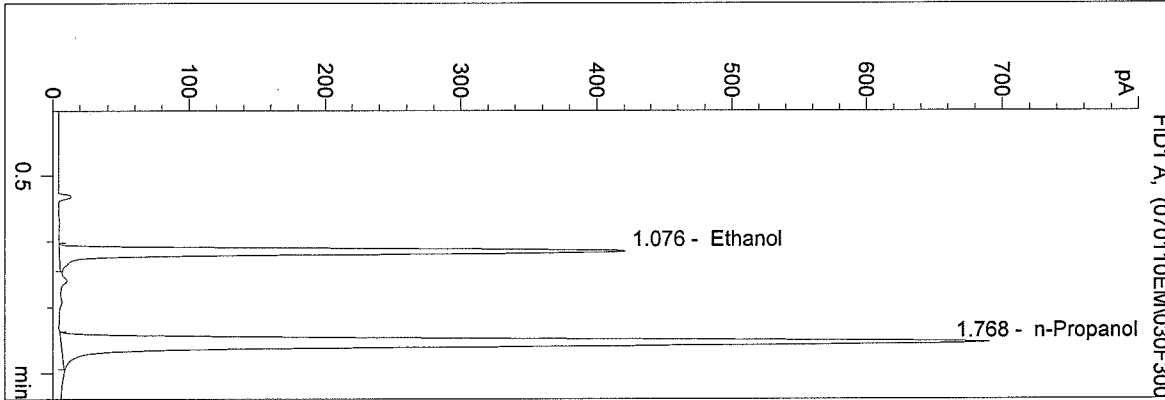
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:48:50 PM
 Instrument 1
 DB ALC 1

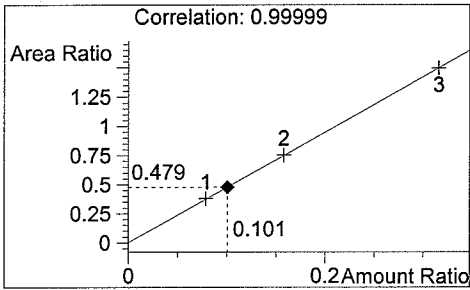
0.100 Control
 Estuardo J.Miranda

vial # 30



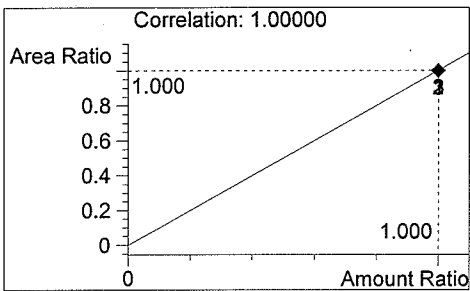
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1310 | 1.076 |
| 2 | n-Propanol | 2735 | 1.768 |

Tot



Ethanol

0.101 g/100ml



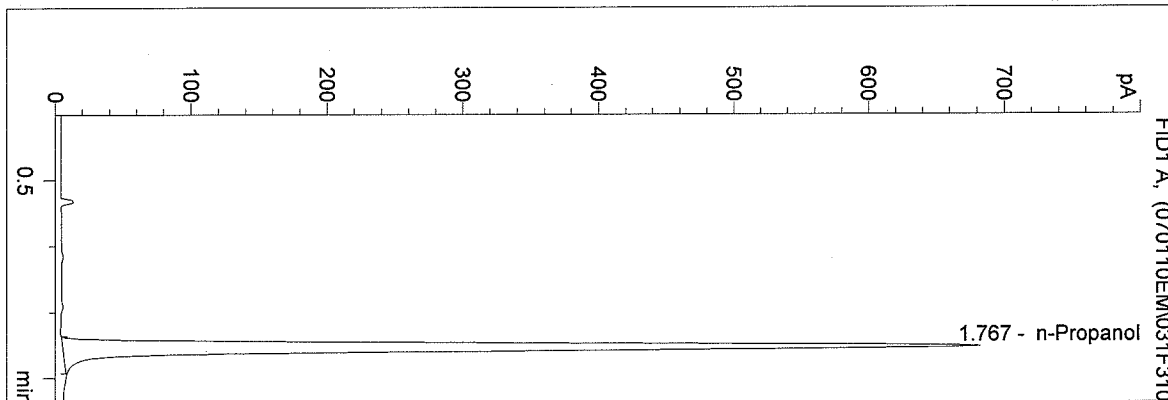
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 1/10/2007 4:51:55 PM
 Instrument 1
 DB ALC 1

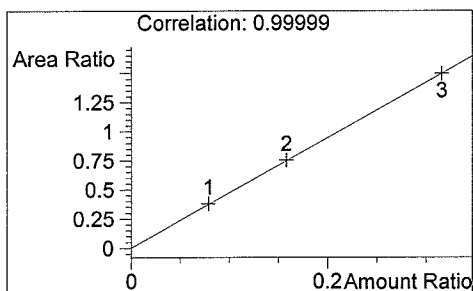
Blank
 Estuardo J.Miranda

vial # 31



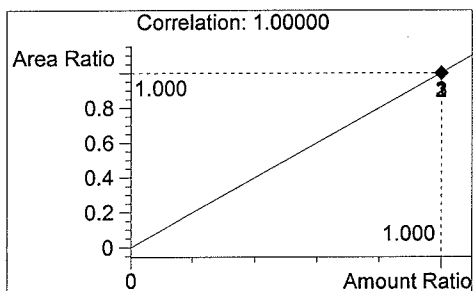
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2706 | 1.767 |

Tot



Ethanol

0.000 g/100ml



n-Propanol

1.000 g/100ml