


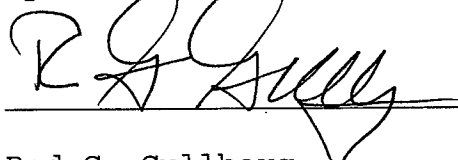
Notice of Simulator Solution File Review

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.


_____ 10-16-07
Tpr. Ken Denton Date


_____ 10-16-07
Rod G. Gullberg Date

Washington State Toxicology Laboratory
Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROB GULLBERG Date 10-8-07
Location TOX LAB SEATTLE Batch Number 05032

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:

RESULT # 5 INCORRECT FOR ESTUARDO M.

Comments:

Reviewer Signature:  Date: 10-8-07
Reviewer Signature:  Date: 10/8/2007

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

Preparation and certification of **0.08** g/210L Quality Assurance solution
 Batch number **05032** Date: 8/18/2005
 Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

| | Anal 1 | Anal 2 | Anal 3 | Anal 4 | Anal 5 | Anal 6 | Anal 7 | Anal 8 | Anal 9 | Anal 10 | Anal 11 | Anal 12 | Anal 13 | Anal 14 | Anal 15 | Anal 16 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 1 | 0.099 | 0.098 | 0.097 | | | | | | | | | | | | | |
| 2 | 0.099 | 0.098 | 0.098 | | | | | | | | | | | | | |
| 3 | 0.100 | 0.099 | 0.098 | | | | | | | | | | | | | |
| 4 | 0.099 | 0.099 | 0.097 | | | | | | | | | | | | | |
| 5 | 0.099 | 0.099 | 0.098 | | | | | | | | | | | | | |
| Ctrl | 0.101 | 0.100 | 0.100 | | | | | | | | | | | | | |

0.098
 RSS
 10-11-07

External Control:
 Lot #: A028603 Exp date: 12/07
 Target concentration: 0.10 g/100mL

RSS
 10-16-07


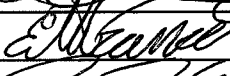
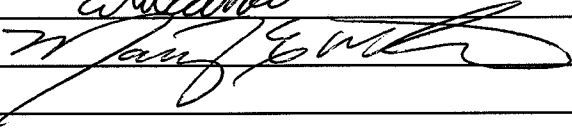
Statistics:
 Avg. solution concent.: 0.0985 g/100 mL
 SD: 0.00083
 Range (3xSD): 0.0960 to 0.1010
 Precision CV (%): 0.8465 %

0.0984
 10-11-07
 RSS

Equivalent vapor concent.: 0.0801 g/210L

0.0800

0.8415

| Analyst | Name | Signature | Date |
|---------|---------------------|--|------------|
| 1 | Kelly Gross |  | 08/20/2005 |
| 2 | Estuardo J. Miranda |  | 08/19/2005 |
| 3 | Mary E Wilson |  | 08/22/2005 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |

Prepared by: Kelly Gross according to the approved protocol



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, Kelly D. Gross, do certify under penalty of perjury as follows:

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

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

The quality assurance solution, Lot Number 05032, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0985 grams per 100ml.

Dated: 8/30/05
Seattle, WA

Kelly D. Gross
Forensic Toxicologist

KDG/la
KDGQA



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, Estuardo J. Miranda, do certify under penalty of perjury as follows:

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

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

The quality assurance solution, Lot Number 05032 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was ~~0.0985~~ grams per 100ml.

EM 10-15-2007
0.0984 EM
10-15-2007

Dated: 8/30/05
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/la
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.

10-15-2007



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, Mary E. Wilson, do certify under penalty of perjury as follows:

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

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

The quality assurance solution, Lot Number 05032, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0985 grams per 100ml.

Dated: 8/30/05
Seattle, WA



Mary E. Wilson
Forensic Toxicologist

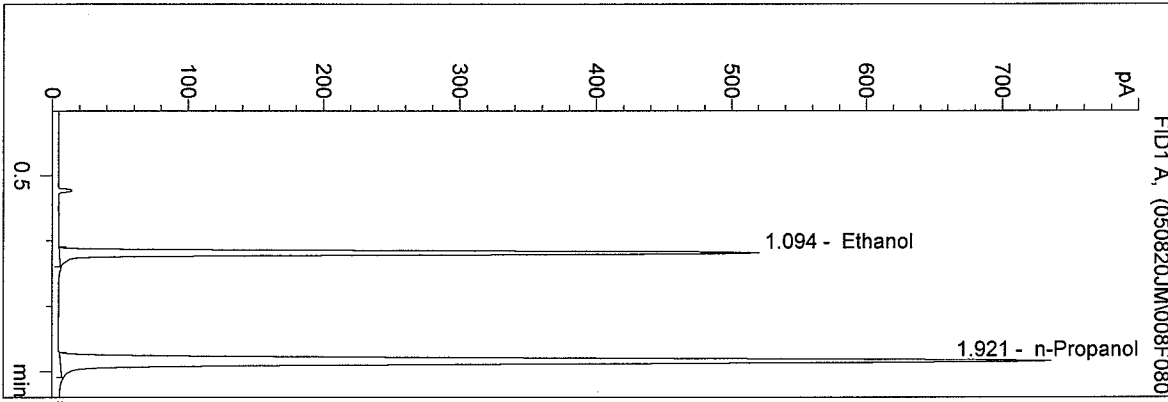
MEW/la
MEWQA



D:\HPCHEM\1\METHODS\BLDALCO2.M
 8/20/2005 1:52:30 PM
 Instrument 5
 DB-ALC2

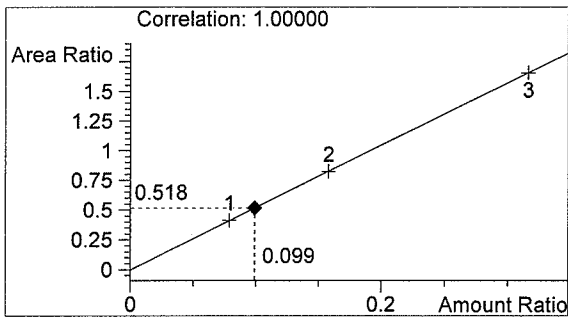
5-1424
 Q.A.07032-1 KDG
 Estuardo J. Miranda

vial # 8

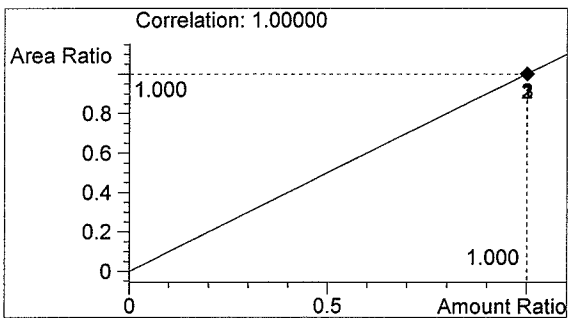


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1125 | 1.094 |
| 2 | n-Propanol | 2173 | 1.921 |

Totals:



Ethanol 0.099 g/100ml

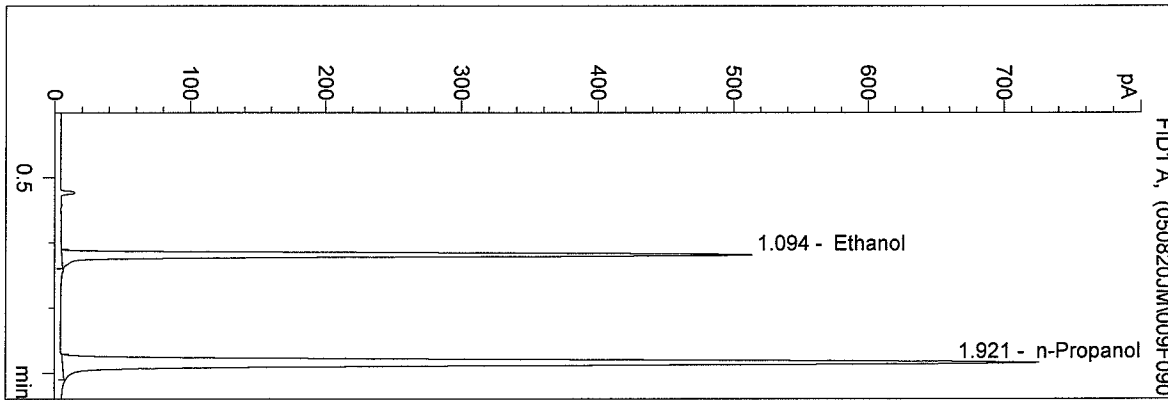


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 8/20/2005 1:55:47 PM
 Instrument 5
 DB-ALC2

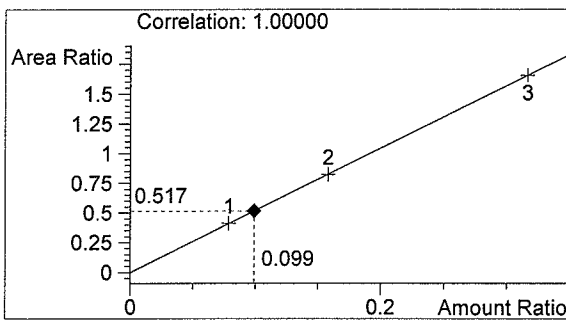
Q.A.02032-2 KDG
 Estuardo J. Miranda

vial # 9

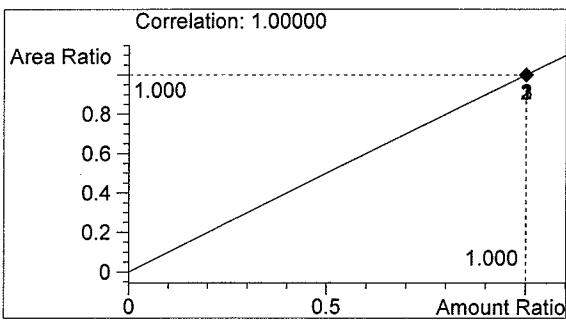


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1110 | 1.094 |
| 2 | n-Propanol | 2146 | 1.921 |

Totals:



Ethanol 0.099 g/100ml

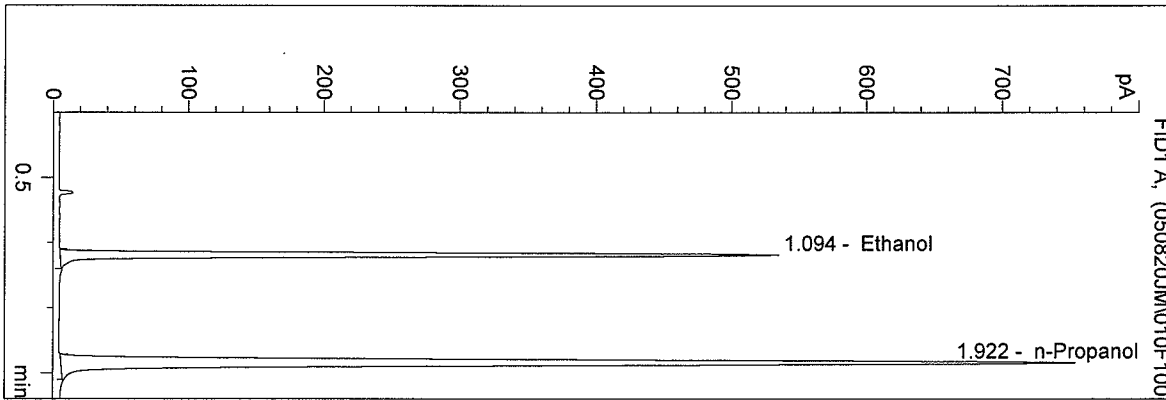


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 8/20/2005 1:59:02 PM
 Instrument 5
 DB-ALC2

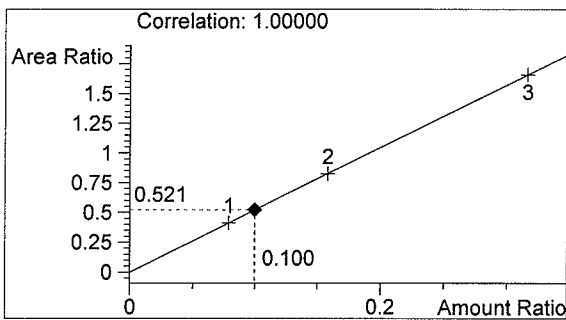
5KDC
 Q.A.07032-3 KDG
 Estuardo J. Miranda

vial # 10

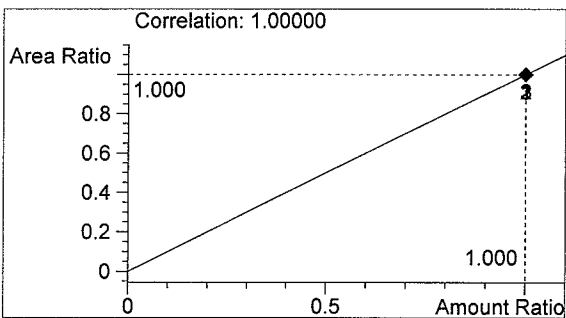


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1163 | 1.094 |
| 2 | n-Propanol | 2231 | 1.922 |

Totals:



Ethanol 0.100 g/100ml

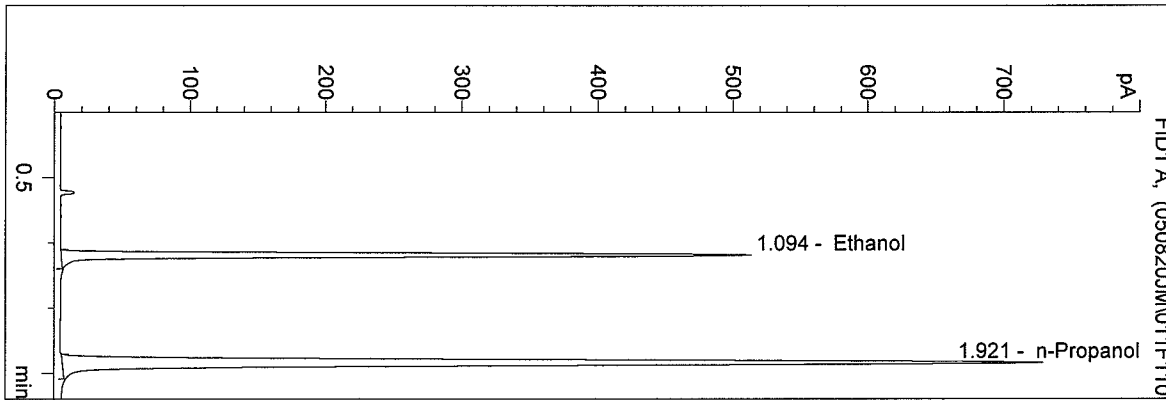


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 8/20/2005 2:02:22 PM
 Instrument 5
 DB-ALC2

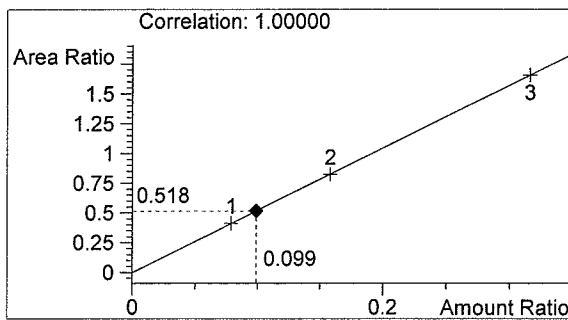
5106
 Q.A.07032-4 KDG
 Estuardo J. Miranda

vial # 11

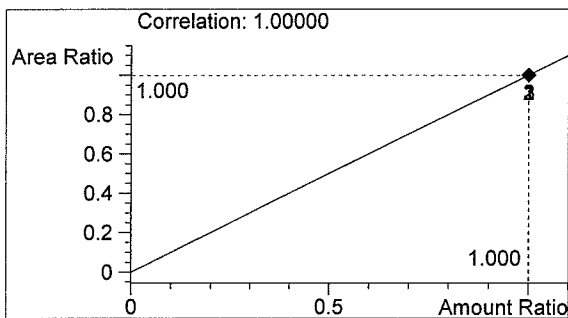


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1114 | 1.094 |
| 2 | n-Propanol | 2151 | 1.921 |

Totals:



Ethanol 0.099 g/100ml

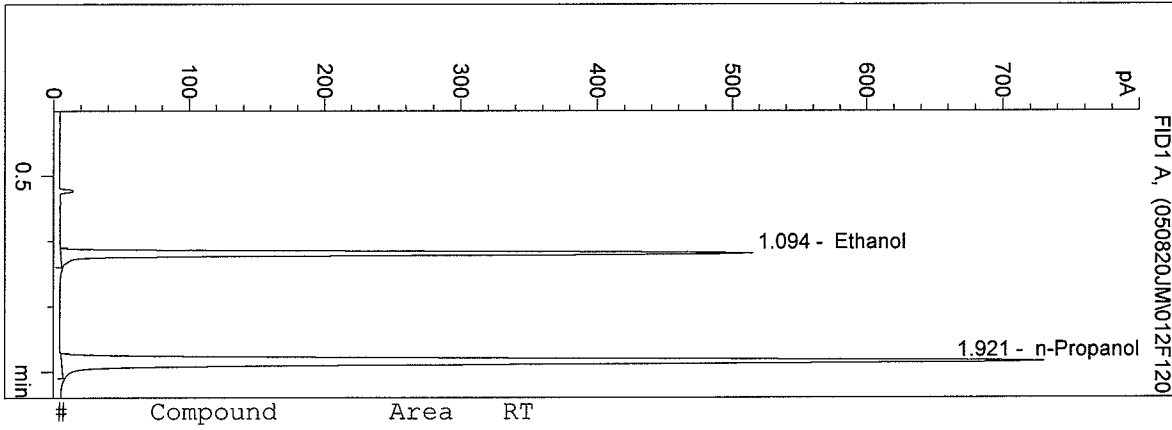


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 8/20/2005 2:05:41 PM
 Instrument 5
 DB-ALC2

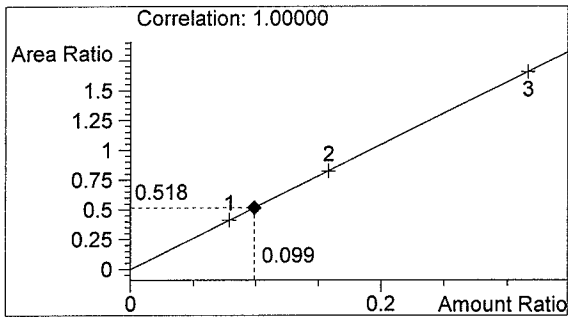
51406
 Q.A.07032-5 KDG
 Estuardo J. Miranda

vial # 12

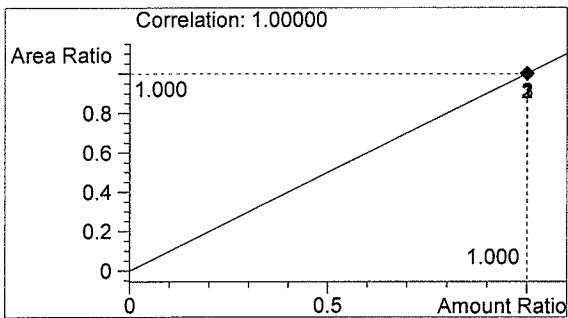


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1117 | 1.094 |
| 2 | n-Propanol | 2157 | 1.921 |

Totals:



Ethanol 0.099 g/100ml

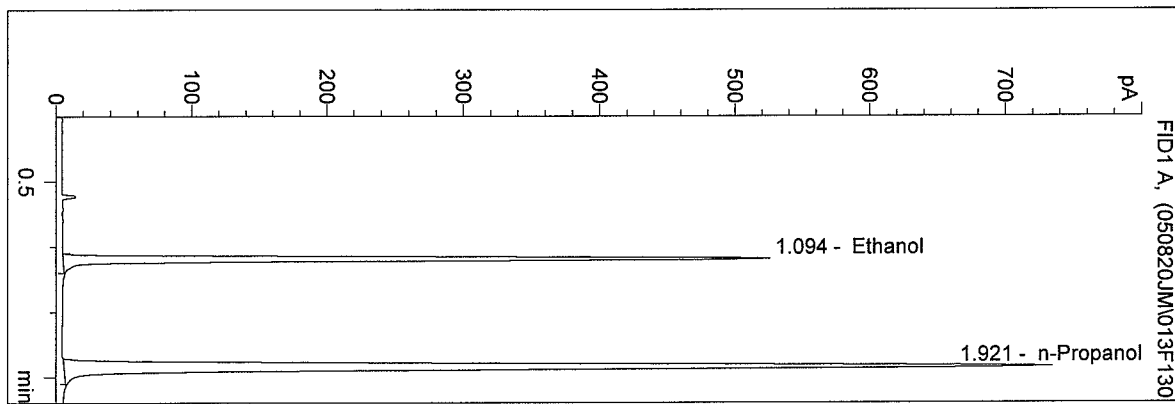


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 8/20/2005 2:08:58 PM
 Instrument 5
 DB-ALC2

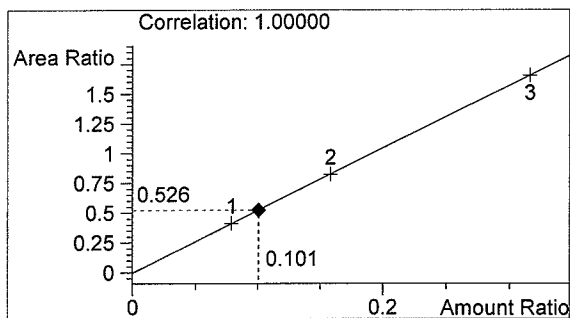
0.100 Control EM
 Estuardo J. Miranda

vial # 13

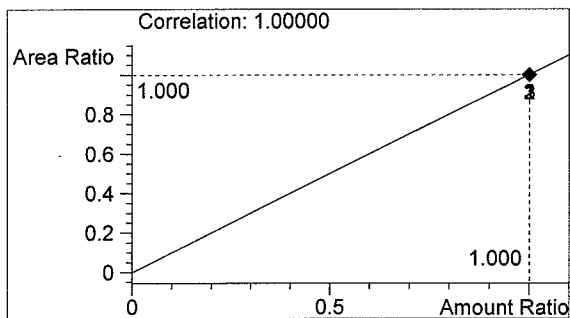


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1144 | 1.094 |
| 2 | n-Propanol | 2174 | 1.921 |

Totals:



Ethanol 0.101 g/100ml

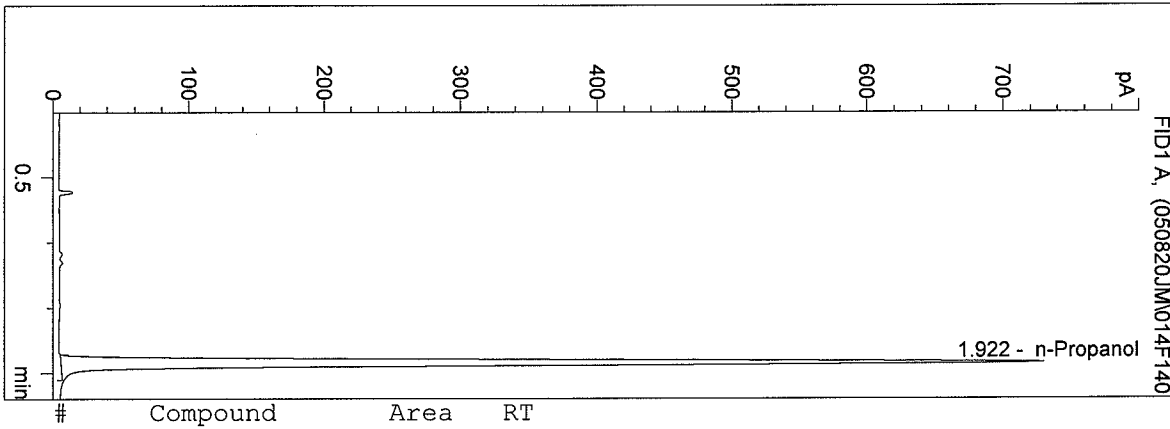


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 8/20/2005 2:12:13 PM
 Instrument 5
 DB-ALC2

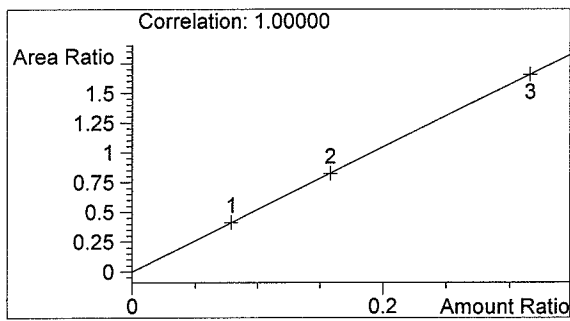
Blank
 Estuardo J. Miranda

vial # 14

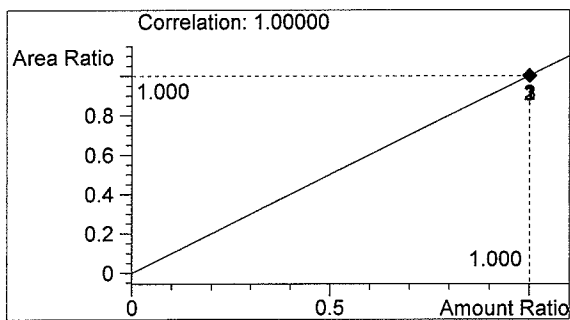


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2162 | 1.922 |

Totals:



Ethanol 0.000 g/100ml

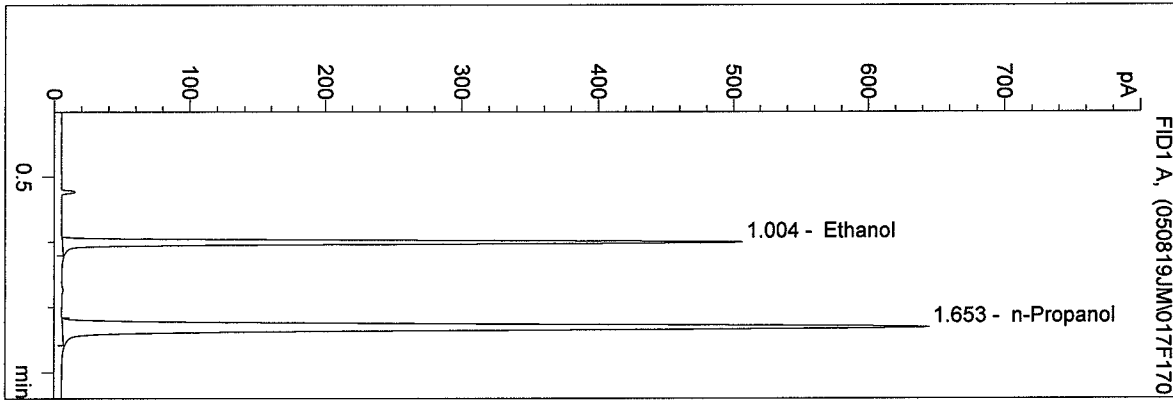


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/19/2005 4:44:50 PM
 Instrument 4
 DB-ALC1

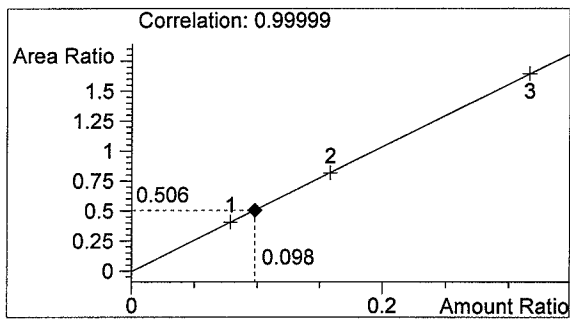
Q.A.05032-EM-1
 Estuardo J. Miranda

vial # 17

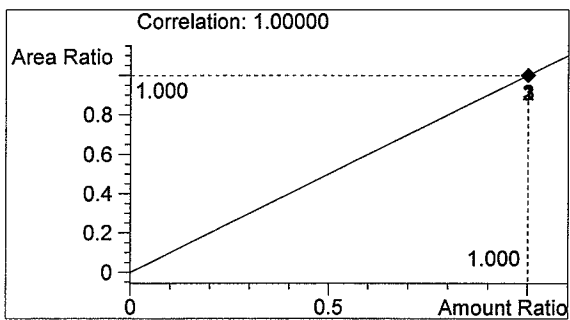


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1017 | 1.004 |
| 2 | n-Propanol | 2010 | 1.653 |

Totals:



Ethanol 0.098 g/100ml

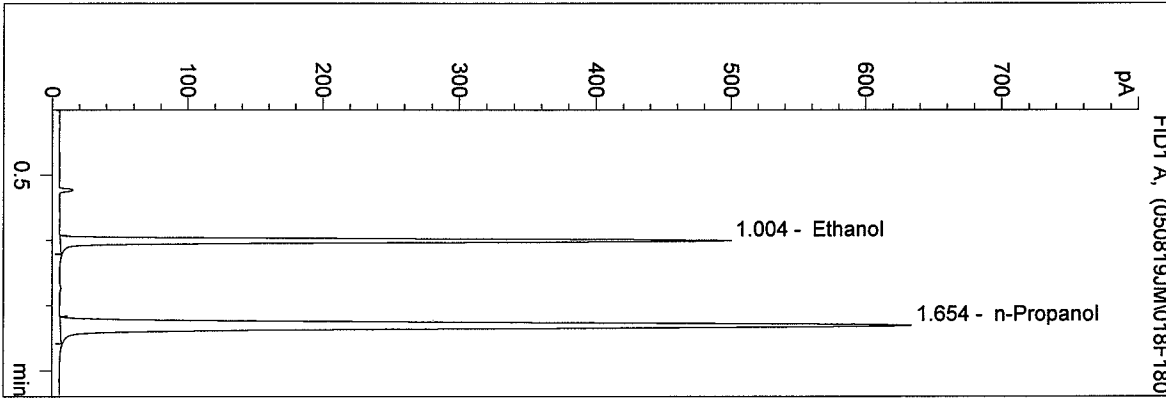


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/19/2005 4:48:07 PM
 Instrument 4
 DB-ALC1

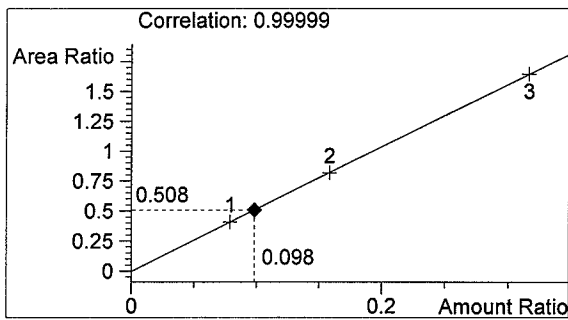
Q.A.05032-EM-2
 Estuardo J. Miranda

vial # 18

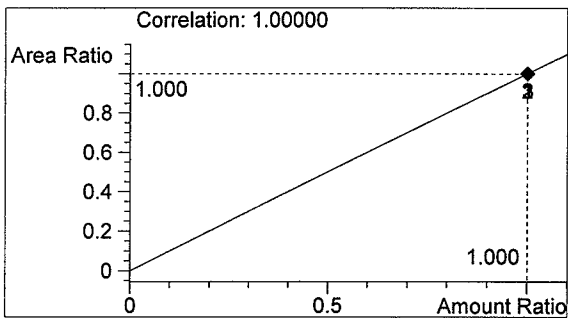


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1004 | 1.004 |
| 2 | n-Propanol | 1977 | 1.654 |

Totals:



Ethanol 0.098 g/100ml

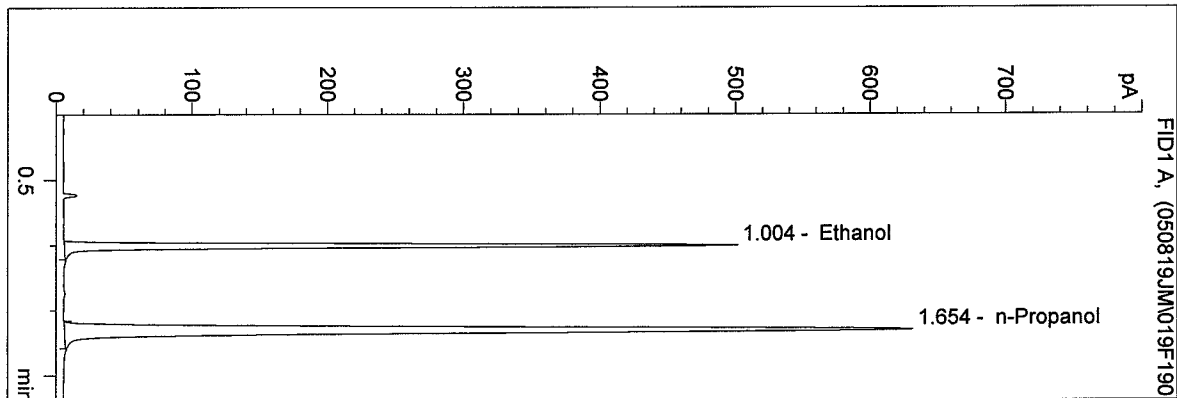


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/19/2005 4:51:23 PM
 Instrument 4
 DB-ALC1

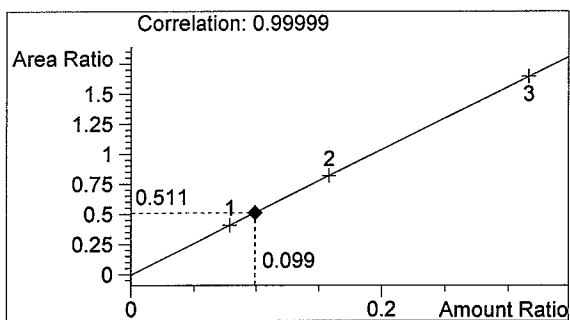
Q.A.05032-EM-3
 Estuardo J. Miranda

vial # 19

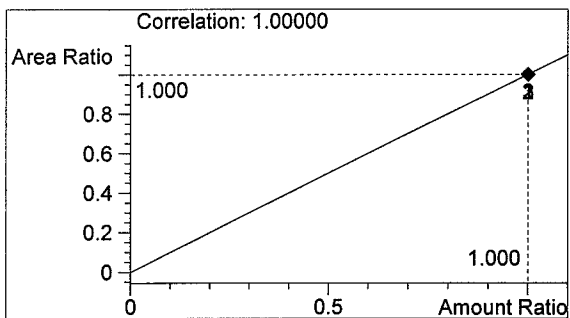


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1006 | 1.004 |
| 2 | n-Propanol | 1969 | 1.654 |

Totals:



Ethanol 0.099 g/100ml

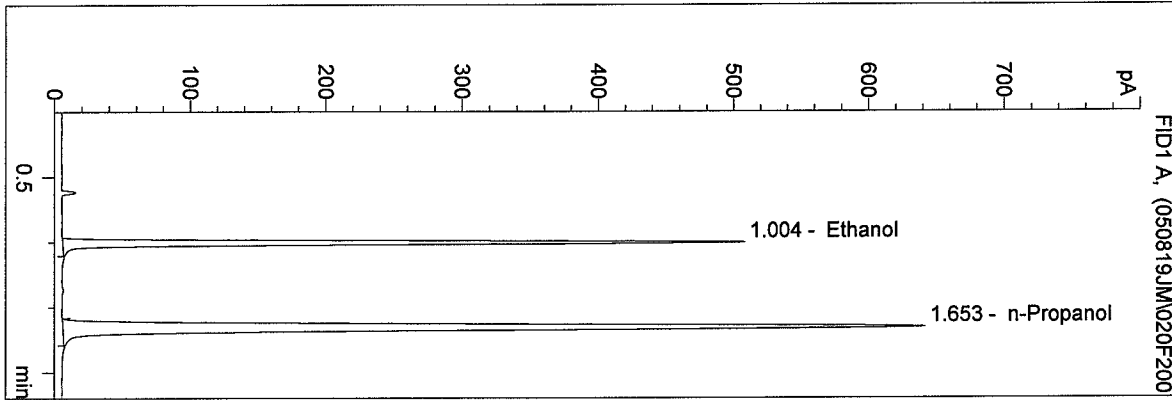


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/19/2005 4:54:37 PM
 Instrument 4
 DB-ALC1

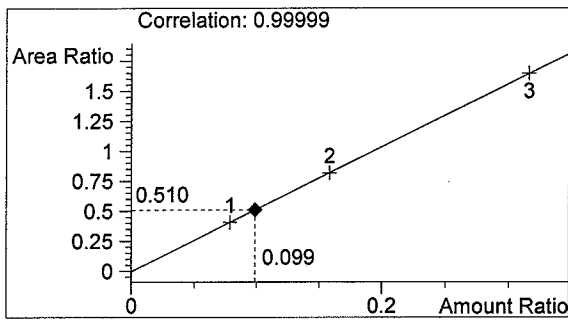
Q.A.05032-EM-4
 Estuardo J. Miranda

vial # 20

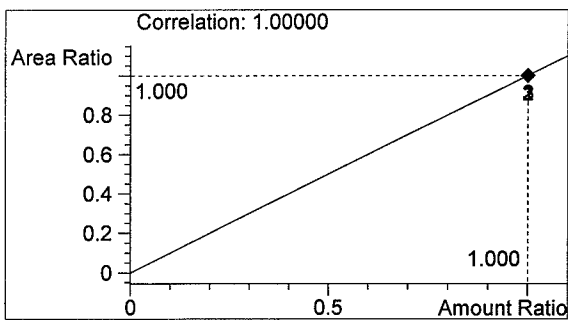


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1019 | 1.004 |
| 2 | n-Propanol | 1999 | 1.653 |

Totals:



Ethanol 0.099 g/100ml

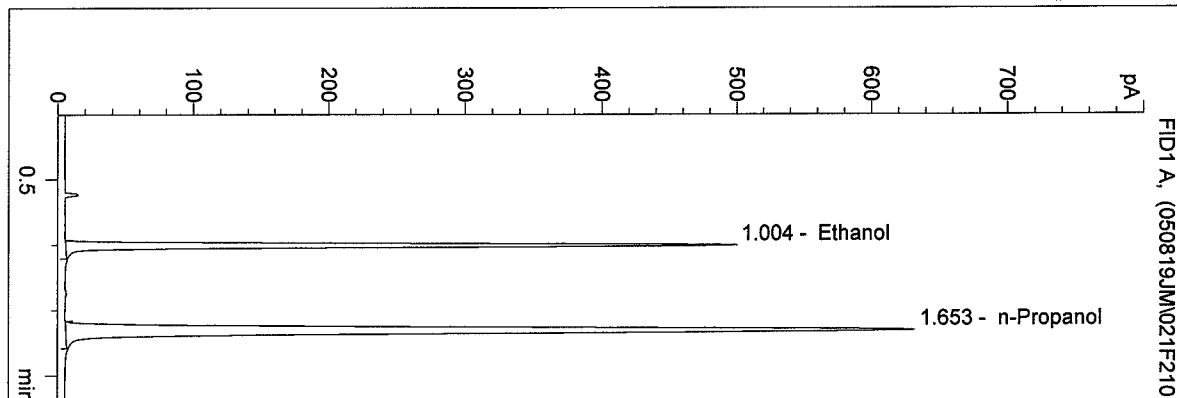


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/19/2005 4:57:51 PM
 Instrument 4
 DB-ALC1

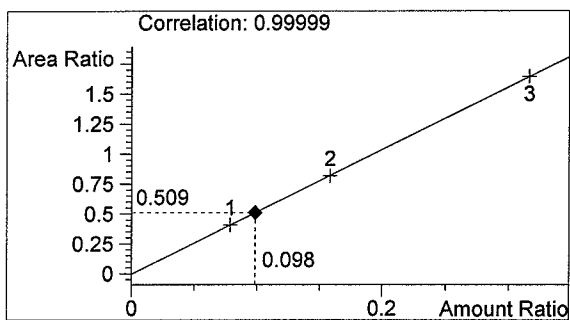
Q.A.05032-EM-5
 Estuardo J. Miranda

vial # 21

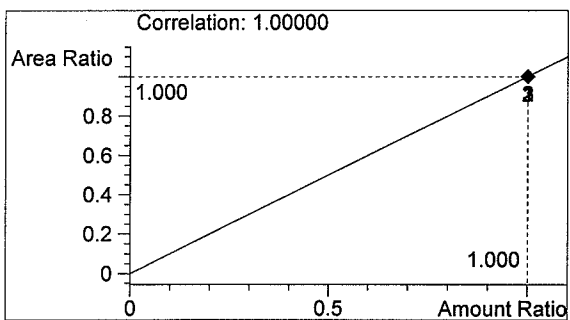


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1002 | 1.004 |
| 2 | n-Propanol | 1969 | 1.653 |

Totals:



Ethanol 0.098 g/100ml

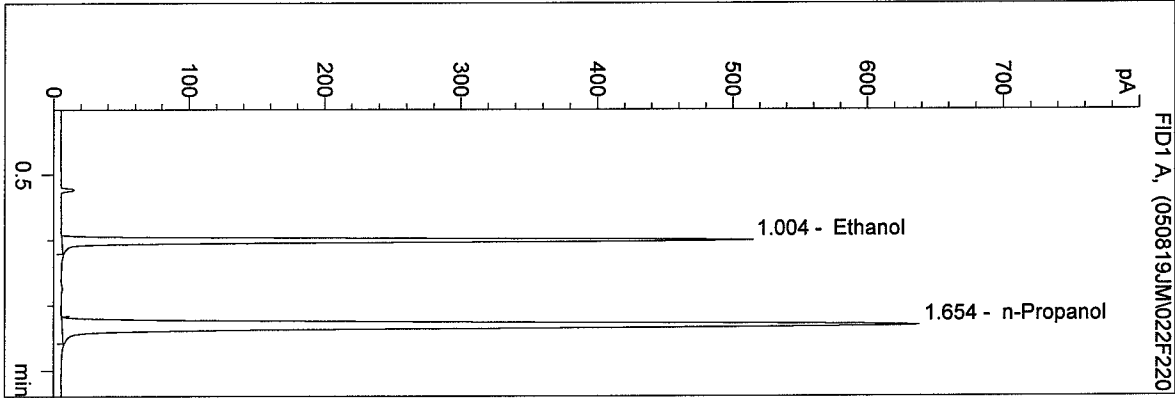


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/19/2005 5:01:05 PM
 Instrument 4
 DB-ALC1

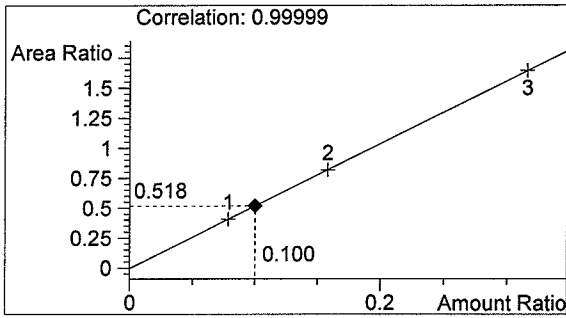
0.100 Control EM
 Estuardo J. Miranda

vial # 22

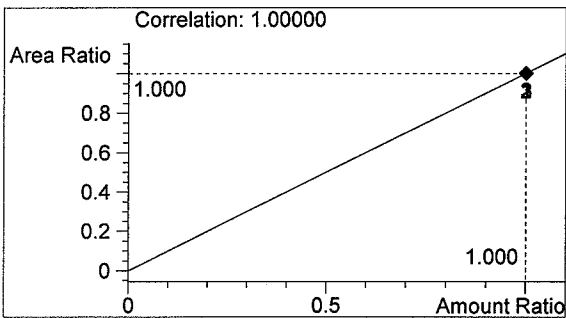


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1028 | 1.004 |
| 2 | n-Propanol | 1986 | 1.654 |

Totals:



Ethanol 0.100 g/100ml

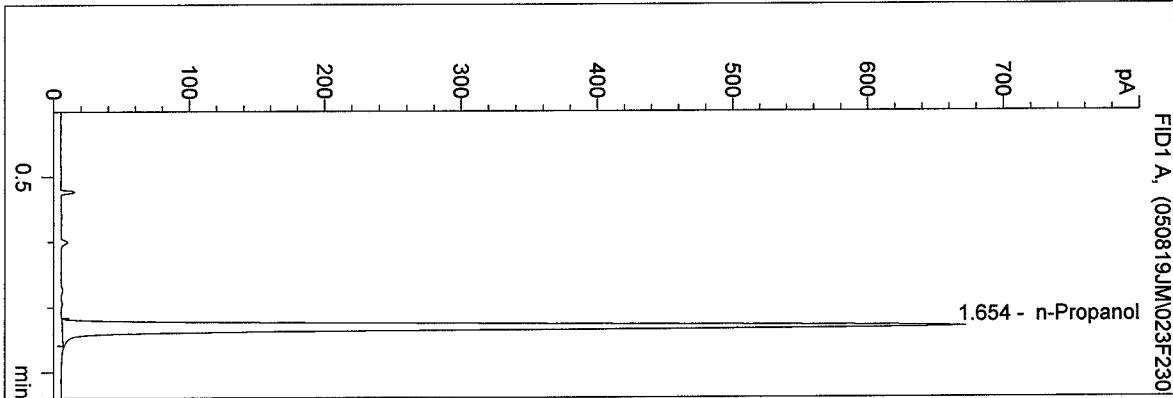


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/19/2005 5:04:21 PM
 Instrument 4
 DB-ALC1

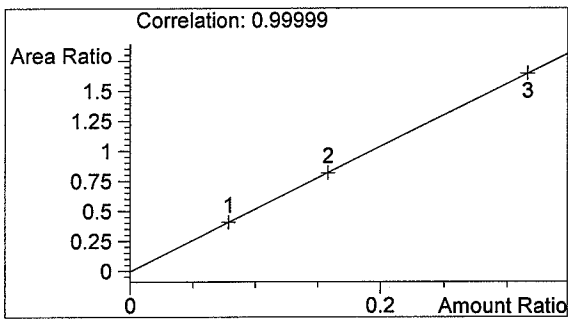
Blank
 Estuardo J. Miranda

vial # 23

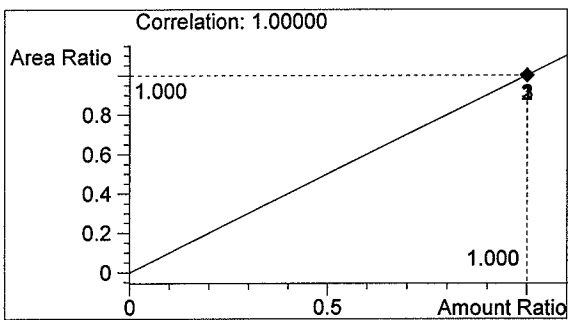


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2098 | 1.654 |

Totals:



Ethanol 0.000 g/100ml

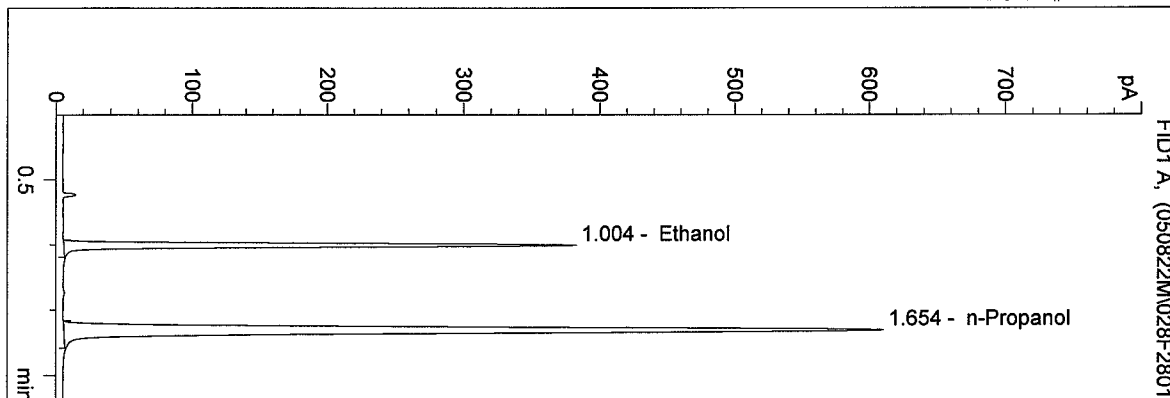


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/22/2005 3:50:49 PM
 Instrument 4
 DB-ALC1

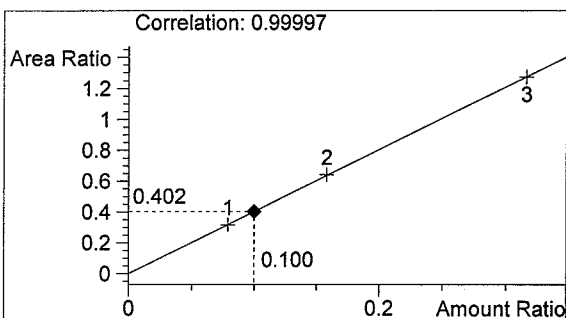
0.10ctlmw
 mary wilson

vial # 28

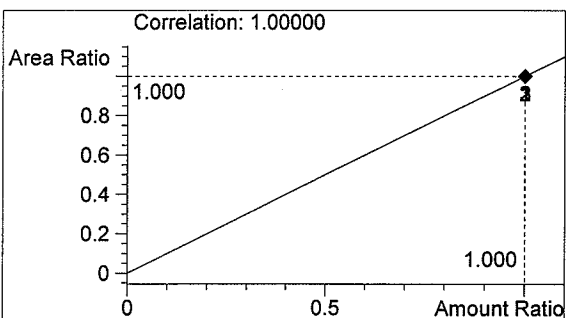


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 766 | 1.004 |
| 2 | n-Propanol | 1905 | 1.654 |

Totals:



Ethanol 0.100 g/100ml

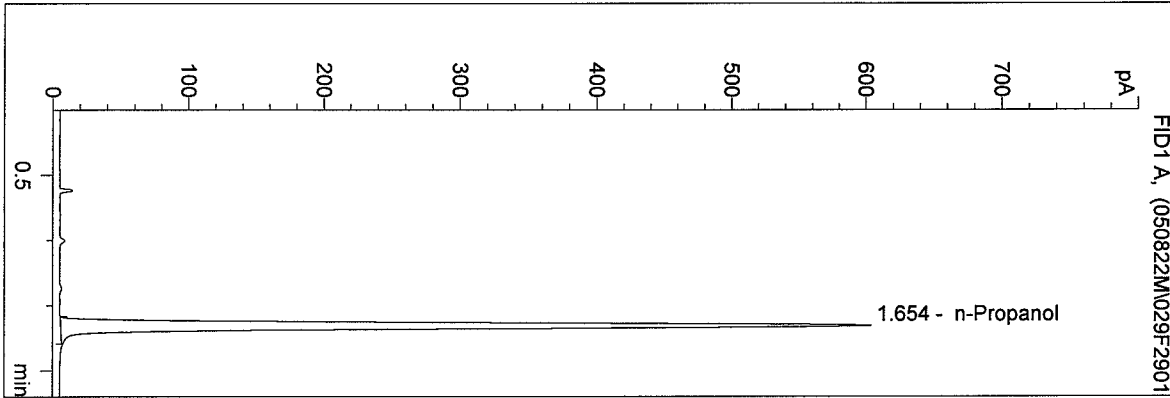


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/22/2005 3:54:06 PM
 Instrument 4
 DB-ALC1

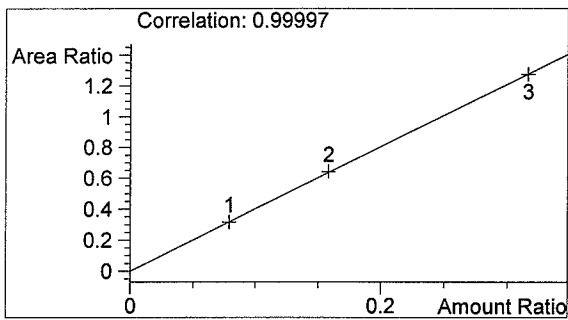
blank
 mary wilson

vial # 29

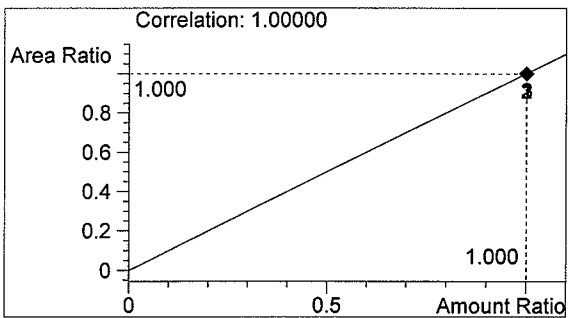


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1883 | 1.654 |

Totals:



Ethanol 0.000 g/100ml

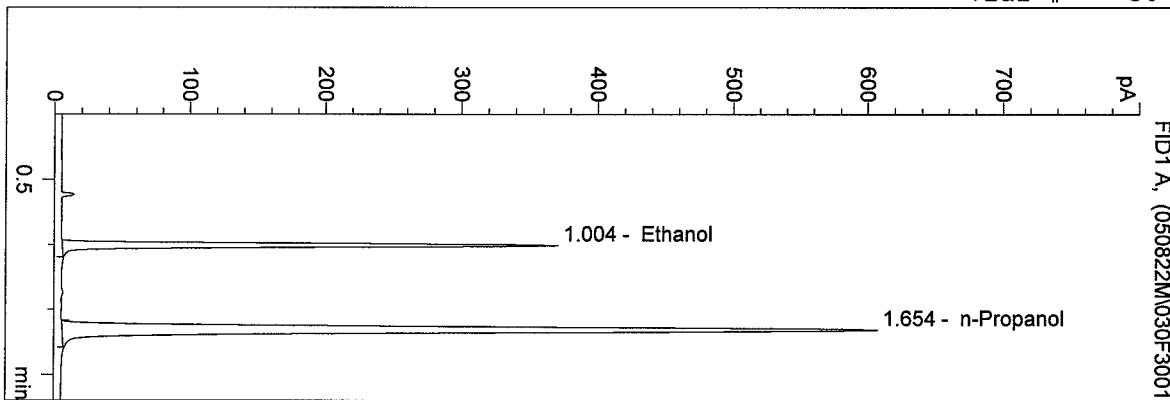


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/22/2005 3:57:22 PM
 Instrument 4
 DB-ALC1

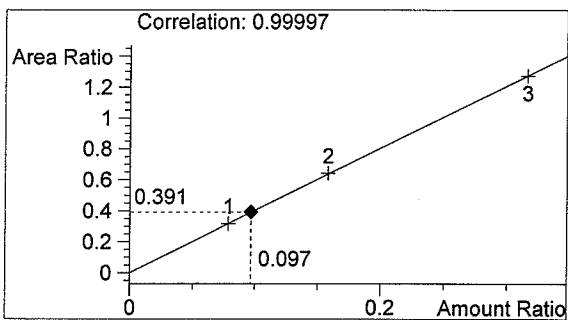
05032qa
 mary wilson

vial # 30

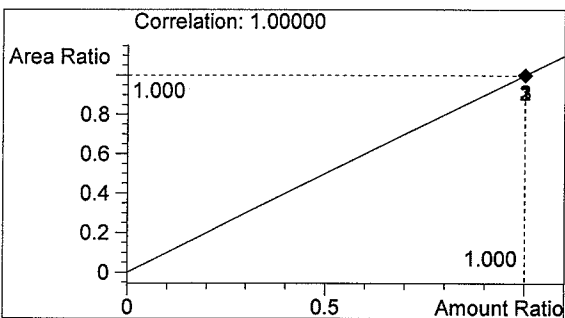


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 741 | 1.004 |
| 2 | n-Propanol | 1895 | 1.654 |

Totals:



Ethanol 0.097 g/100ml

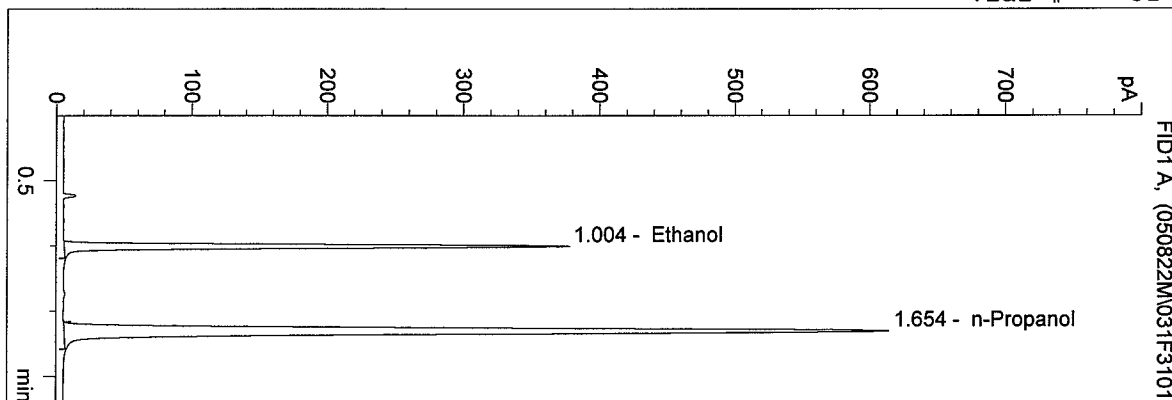


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/22/2005 4:00:38 PM
 Instrument 4
 DB-ALC1

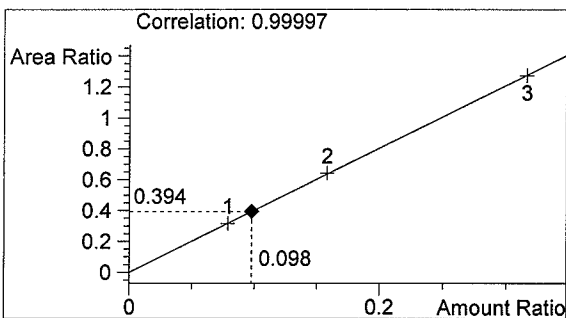
05032qa
 mary wilson

vial # 31

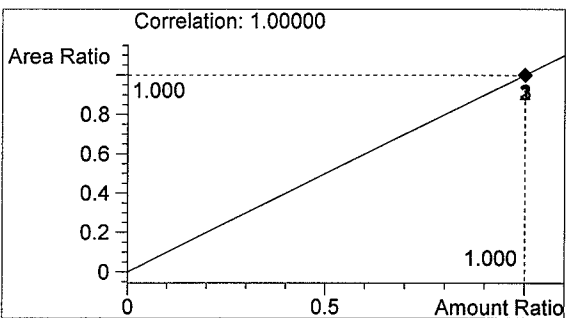


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 754 | 1.004 |
| 2 | n-Propanol | 1916 | 1.654 |

Totals:



Ethanol 0.098 g/100ml

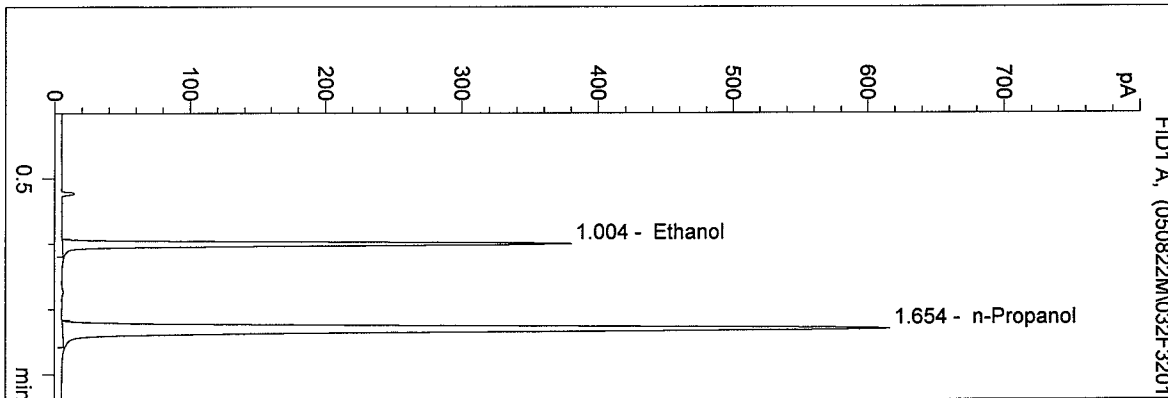


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/22/2005 4:03:53 PM
 Instrument 4
 DB-ALC1

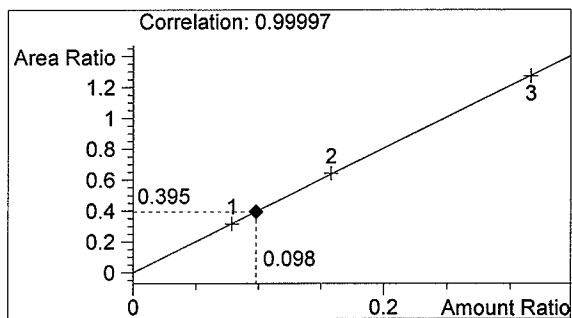
05032qa
 mary wilson

vial # 32

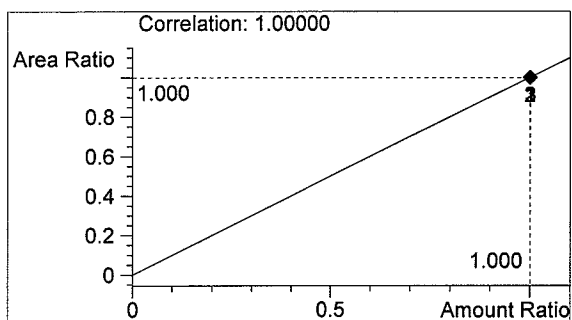


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 757 | 1.004 |
| 2 | n-Propanol | 1917 | 1.654 |

Totals:



Ethanol 0.098 g/100ml

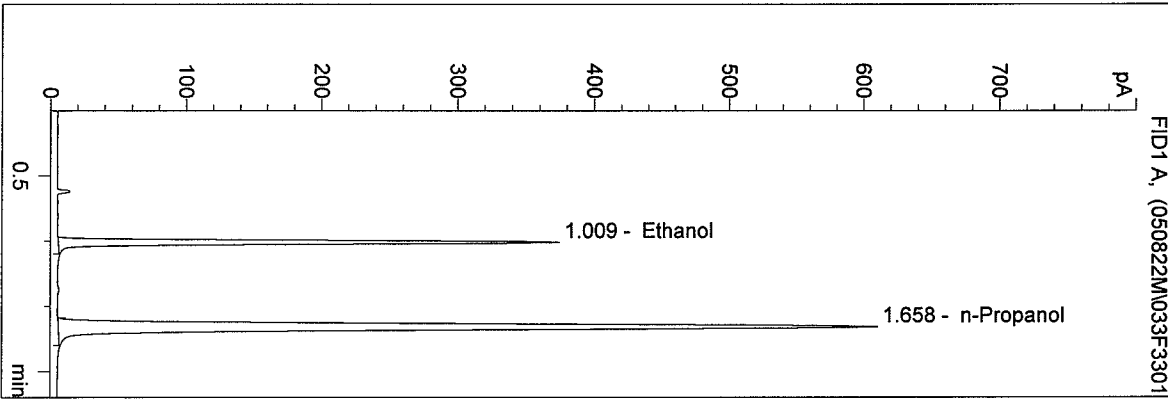


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/22/2005 4:07:06 PM
 Instrument 4
 DB-ALC1

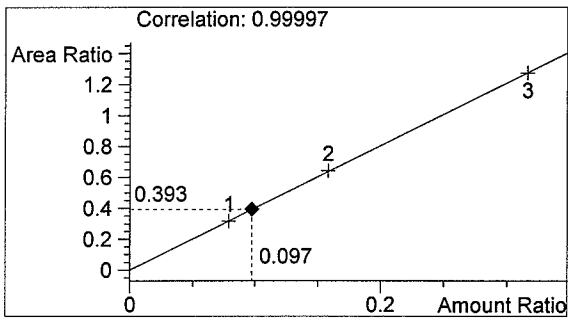
05032qa
 mary wilson

vial # 33

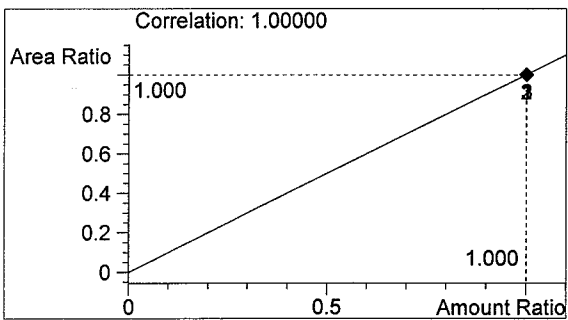


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 748 | 1.009 |
| 2 | n-Propanol | 1903 | 1.658 |

Totals:



Ethanol 0.097 g/100ml

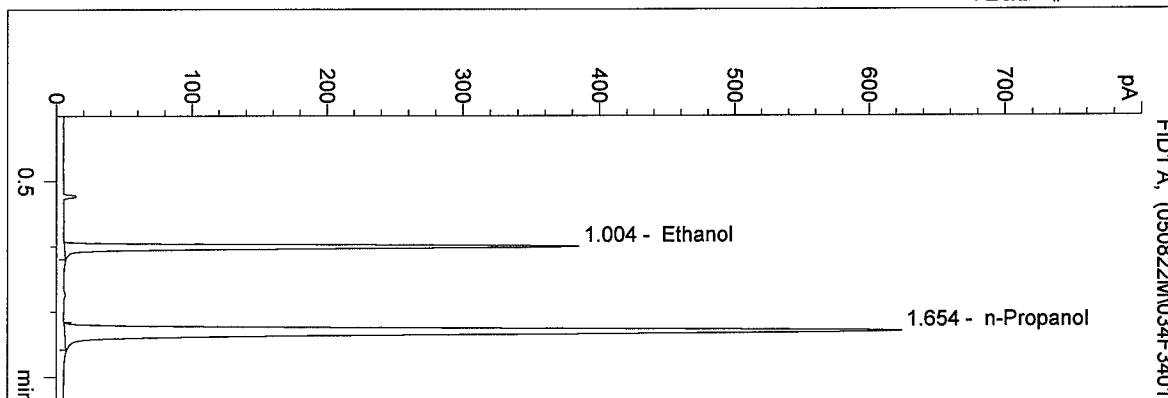


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 8/22/2005 4:10:18 PM
 Instrument 4
 DB-ALC1

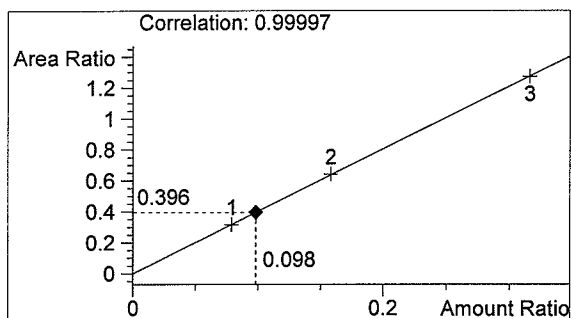
05032qa
 mary wilson

vial # 34

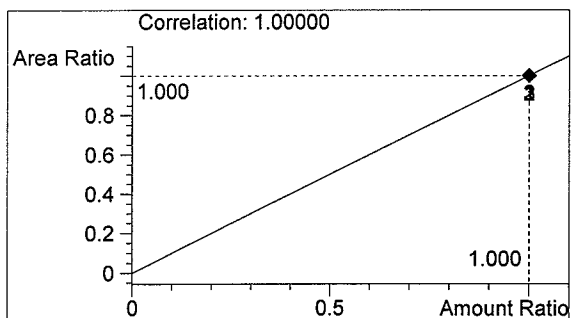


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 770 | 1.004 |
| 2 | n-Propanol | 1945 | 1.654 |

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml