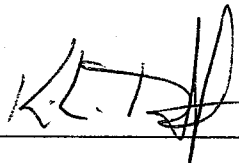


Notice of Simulator Solution File Review

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.

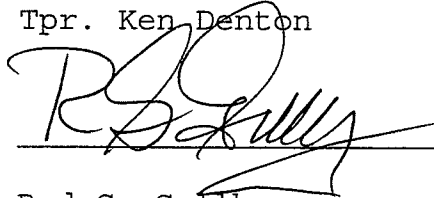
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.



10/18/2007

Tpr. Ken Denton

Date



10-18-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEA DENTON / ROB GULLBERG Date 10-9-07
Location TOX LAB SEATTLE Batch Number D5013

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:


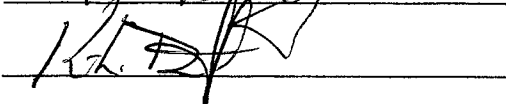
Avg. solution concentration: Correct Not Correct ___
Standard deviation: Correct Not Correct ___
Range: Correct Not Correct ___
Precision: Correct Not Correct ___
Equivalent vapor concent.: Correct Not Correct ___
External Control Information
(lot # and future date): Correct Not Correct ___

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

Corrections Necessary:

CONTROL VALUE FOR ASA LOUIS 1V CORRECT

Comments:

Reviewer Signature:  Date: 10-9-07
Reviewer Signature:  Date: 10/9/2007

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 **0.10 g/210L Quality Assurance solution**

Batch number **05013**

Date: 3/21/2005

Preparation: 28.9 mL of absolute ethyl alcohol diluted to 18 Liters with water

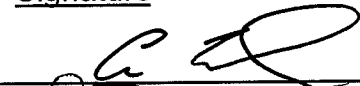

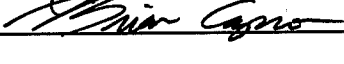
Concentration of ethanol (g/100mL) measured by gas chromatography:

| | Anal 1 | Anal 2 | Anal 3 | Anal 4 | Anal 5 | Anal 6 | Anal 7 | Anal 8 | Anal 9 | Anal 10 | Anal 11 | Anal 12 |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 1 | 0.126 | 0.125 | 0.125 | | | | | | | | | |
| 2 | 0.126 | 0.126 | 0.126 | | | | | | | | | |
| 3 | 0.127 | 0.126 | 0.126 | | | | | | | | | |
| 4 | 0.127 | 0.126 | 0.126 | | | | | | | | | |
| 5 | 0.127 | 0.126 | 0.126 | | | | | | | | | |
| 0.100 Ctrl | 0.099 | 0.098 | 0.099 | | | | | | | | | |

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

Statistics:
 Avg. solution concent.: 0.1261 g/100 mL
 SD: 0.00059
 Range (3xSD): 0.1243 to 0.1279
 Precision CV (%): 0.4708 %

Equivalent vapor concent.: 0.1025 g/210L

| Analyst | Name | Signature | Date |
|---------|----------------|--|------------|
| 1 | Asa Louis |  | 03/21/2005 |
| 2 | Edward Formoso |  | 03/21/2005 |
| 3 | Brian Capron |  | 03/22/2005 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |

Prepared by: Asa Louis according to the approved protocol



STATE OF WASHINGTON
 WASHINGTON STATE PATROL
 WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Asa J. Louis, 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 Biochemistry and seven years in Toxicology.

The quality assurance solution, Lot Number 05013, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1261 grams per 100ml.

Dated: 3/23/05
 Seattle, WA

Asa J. Louis
 Forensic Toxicologist

AJL/la
 AJLQA

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

2007 OCT 18





STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Edward J. Formoso, 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 twenty-eight years experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 05013, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1261 grams per 100ml.

Dated: 3/23/05
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/la
EFQA



STATE OF WASHINGTON
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WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION


I, Brian Capron, 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 eight years of experience in forensic toxicology.

The quality assurance solution, Lot Number 05013, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1261 grams per 100ml.

Dated: 3/23/05
Seattle, WA



Brian Capron
Forensic Toxicologist

BC/la
BCQA

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.

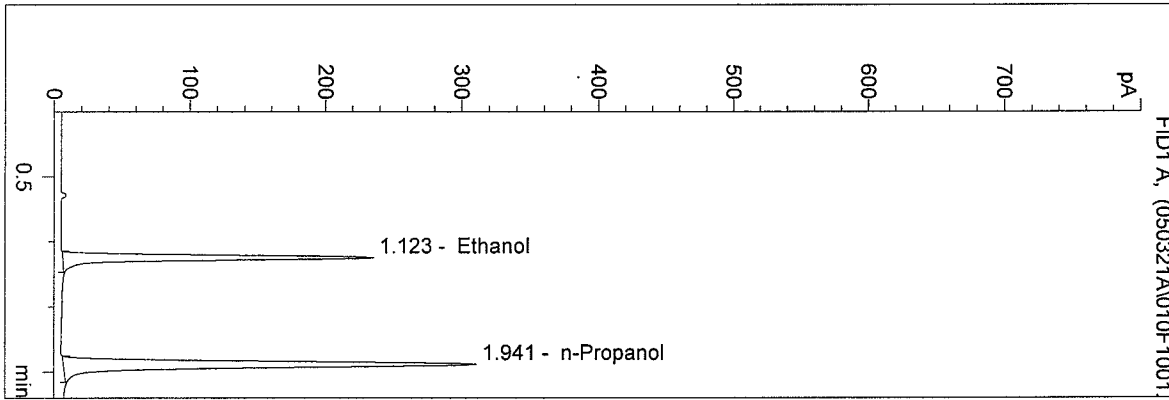
 10.11.07



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 3/21/2005 9:21:18 AM
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 DB-ALC2

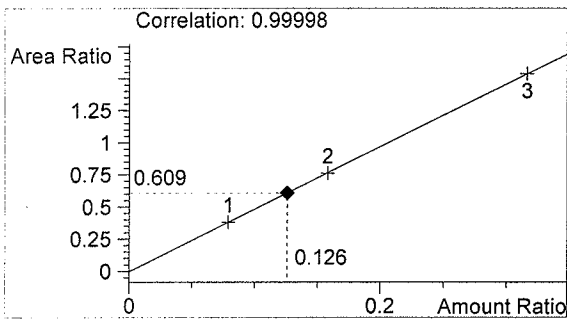
05013a
 alouis

vial # 10

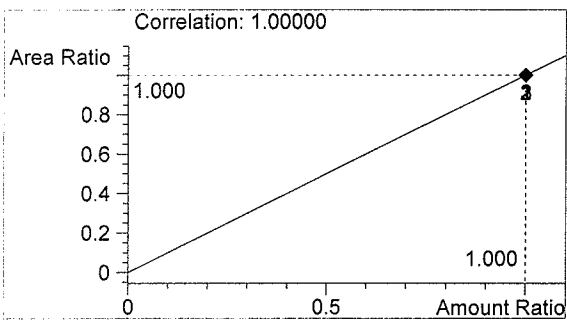


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 614 | 1.123 |
| 2 | n-Propanol | 1008 | 1.941 |

Totals:



Ethanol 0.126 g/100ml

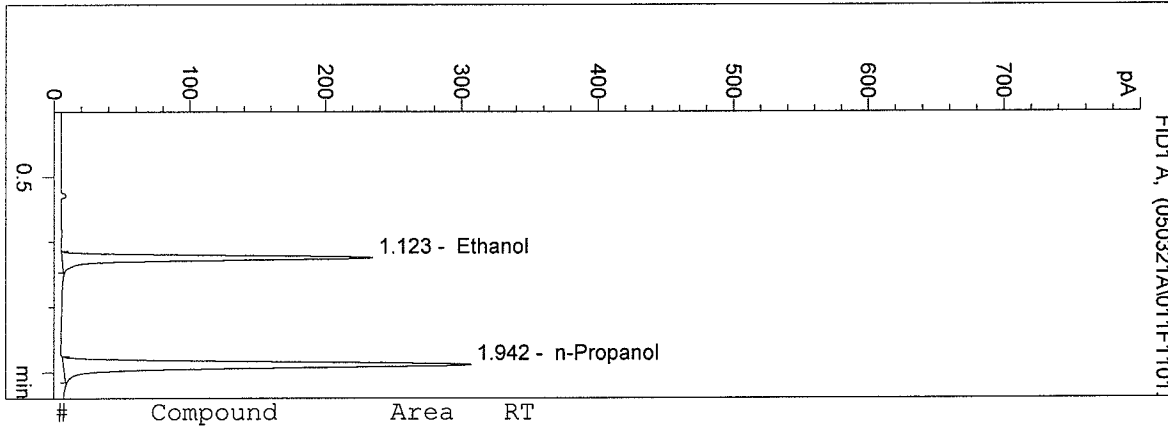


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

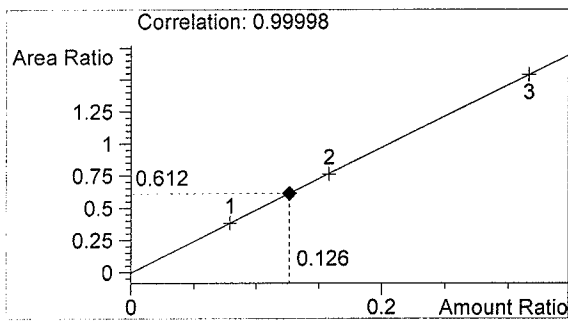
05013b
 alouis

vial # 11

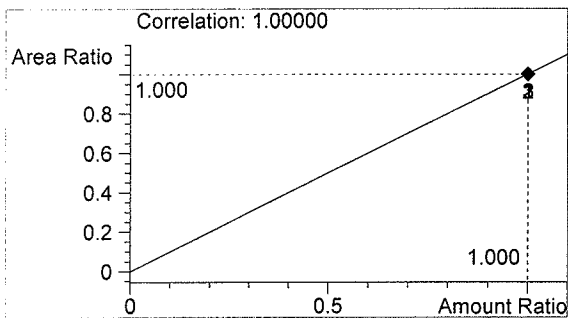


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 607 | 1.123 |
| 2 | n-Propanol | 992 | 1.942 |

Totals:



Ethanol 0.126 g/100ml

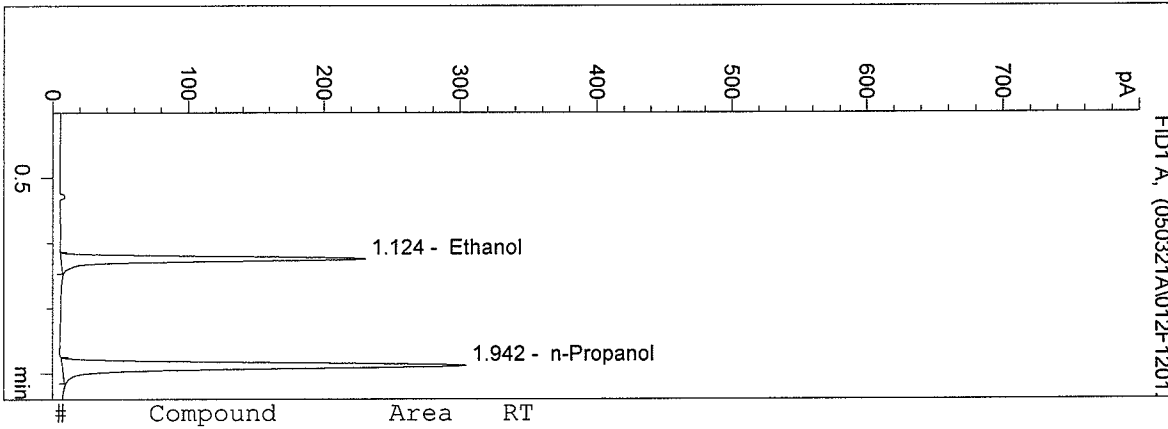


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:26:58 AM
 Instrument 5
 DB-ALC2

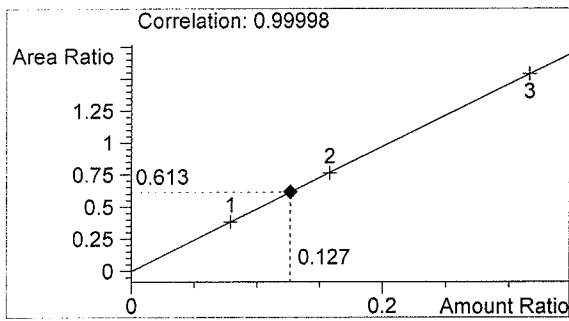
05013c
 alouis

vial # 12

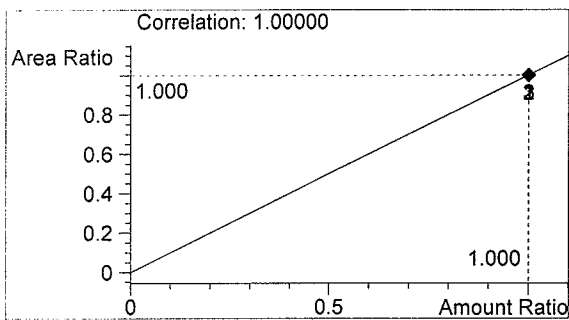


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 605 | 1.124 |
| 2 | n-Propanol | 987 | 1.942 |

Totals:



Ethanol 0.127 g/100ml

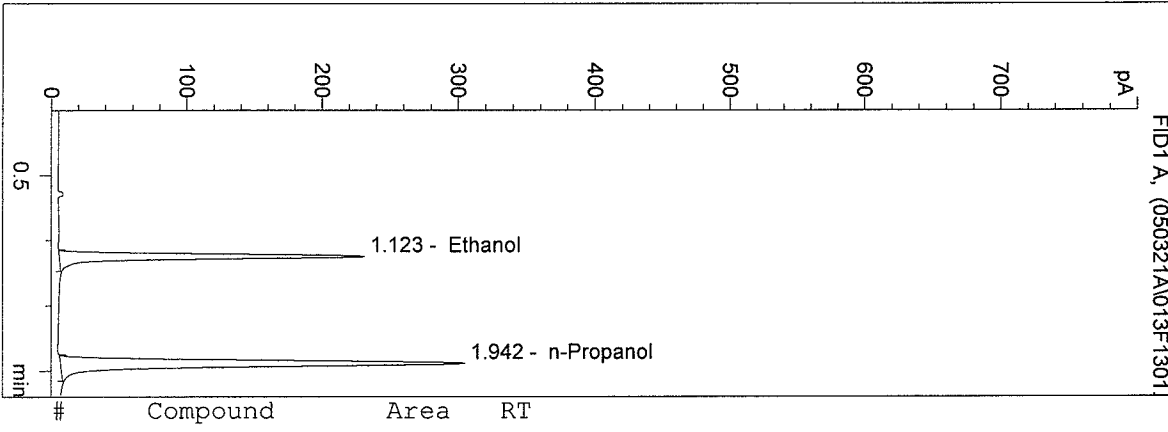


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

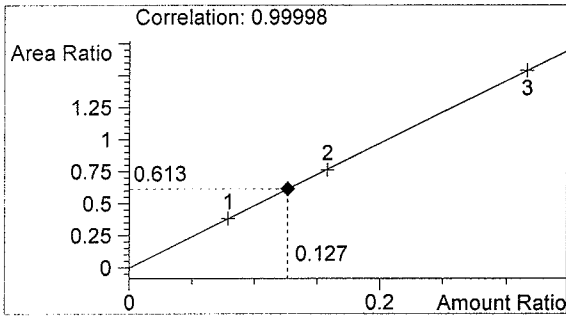
05013d
 alouis

vial # 13

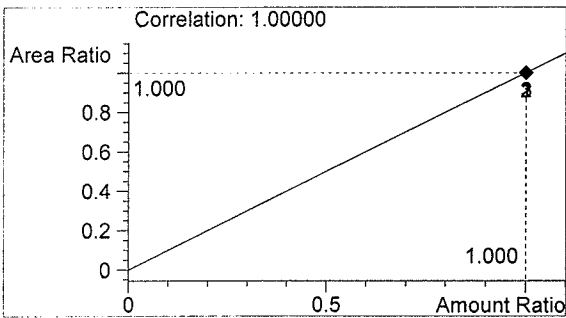


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 607 | 1.123 |
| 2 | n-Propanol | 991 | 1.942 |

Totals:



Ethanol 0.127 g/100ml

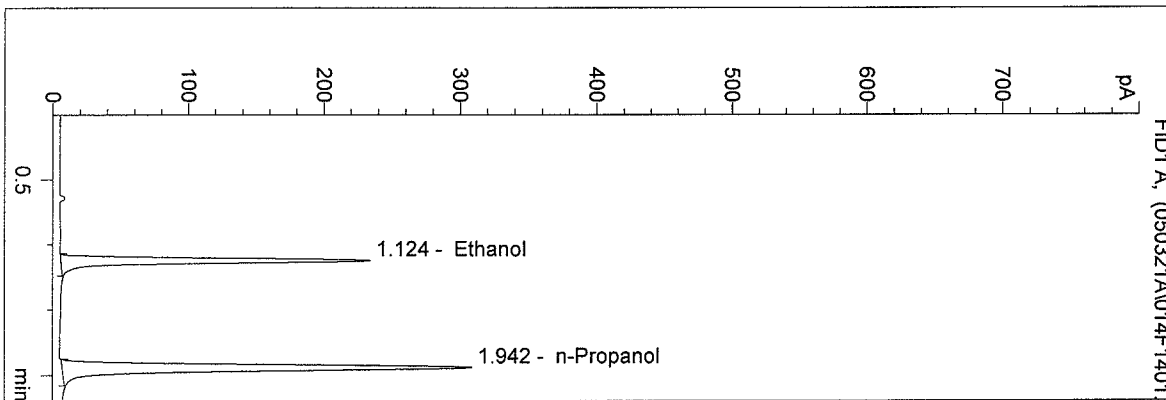


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:33:15 AM
 Instrument 5
 DB-ALC2

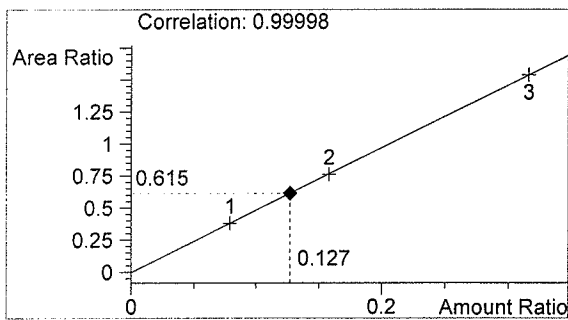
05013e
 alouis

vial # 14

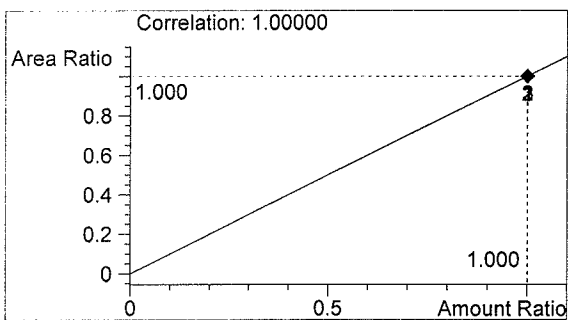


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 622 | 1.124 |
| 2 | n-Propanol | 1012 | 1.942 |

Totals:



Ethanol 0.127 g/100ml

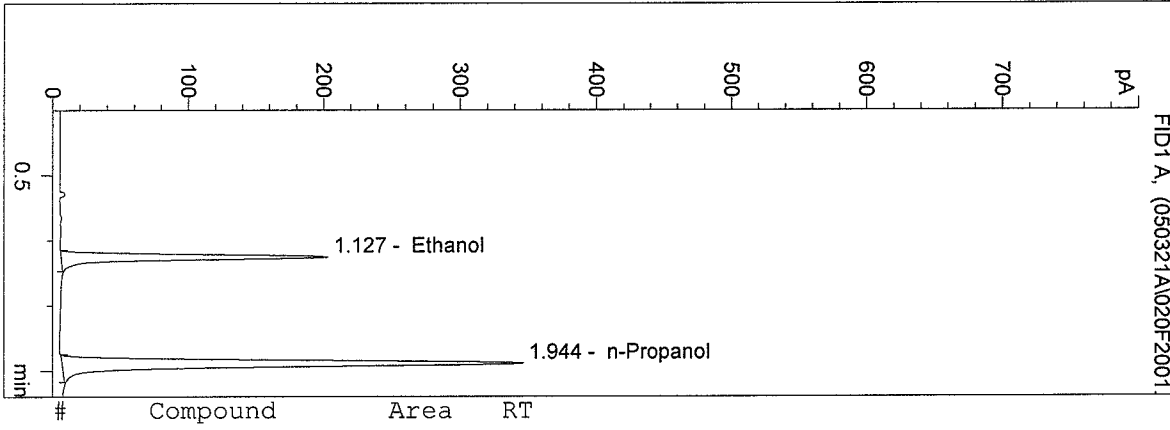


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:51:04 AM
 Instrument 5
 DB-ALC2

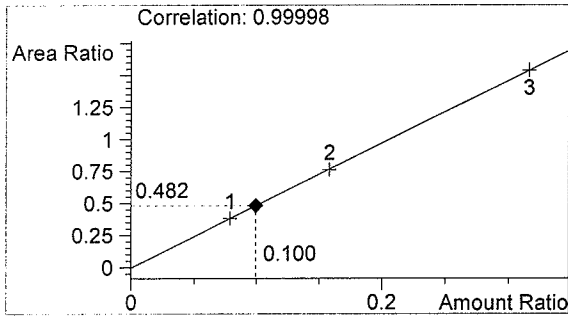
0.10 con
 alouis

vial # 20

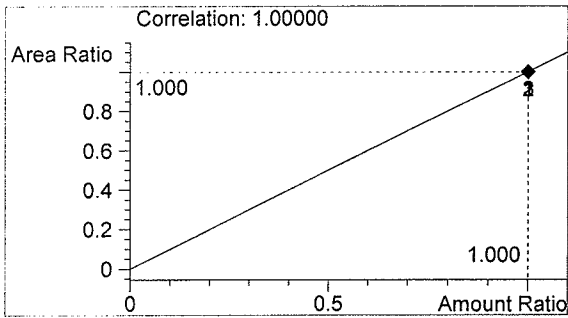


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 554 | 1.127 |
| 2 | n-Propanol | 1151 | 1.944 |

Totals:



Ethanol 0.100 g/100ml

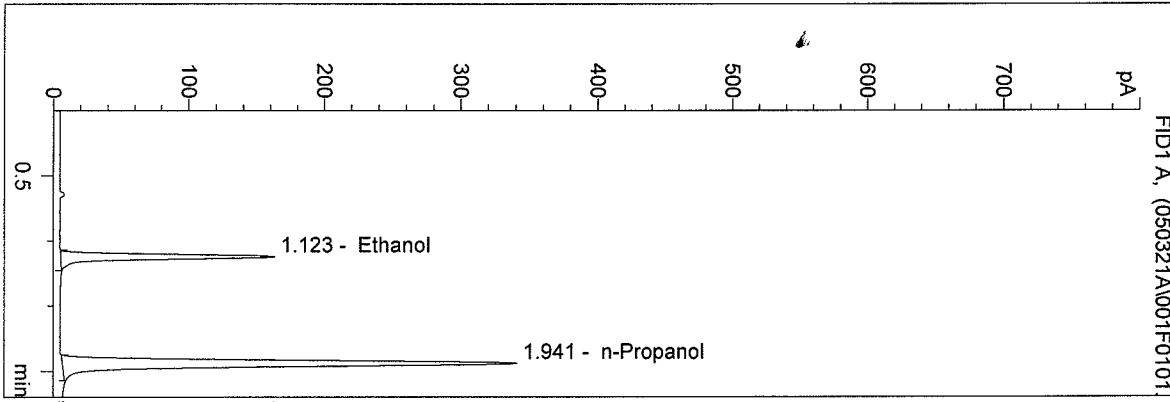


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 8:54:26 AM
 Instrument 5
 DB-ALC2

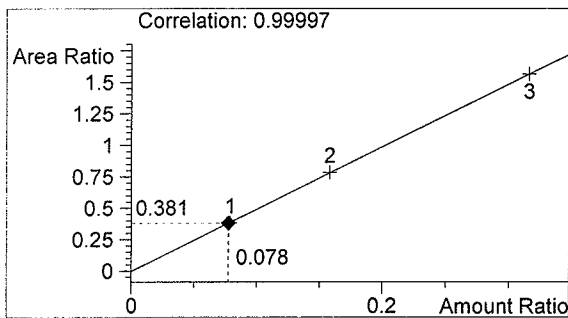
0.079 std
 alouis

vial # 1

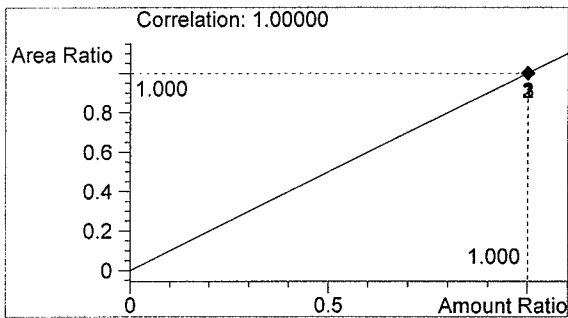


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 419 | 1.123 |
| 2 | n-Propanol | 1100 | 1.941 |

Totals:



Ethanol 0.078 g/100ml

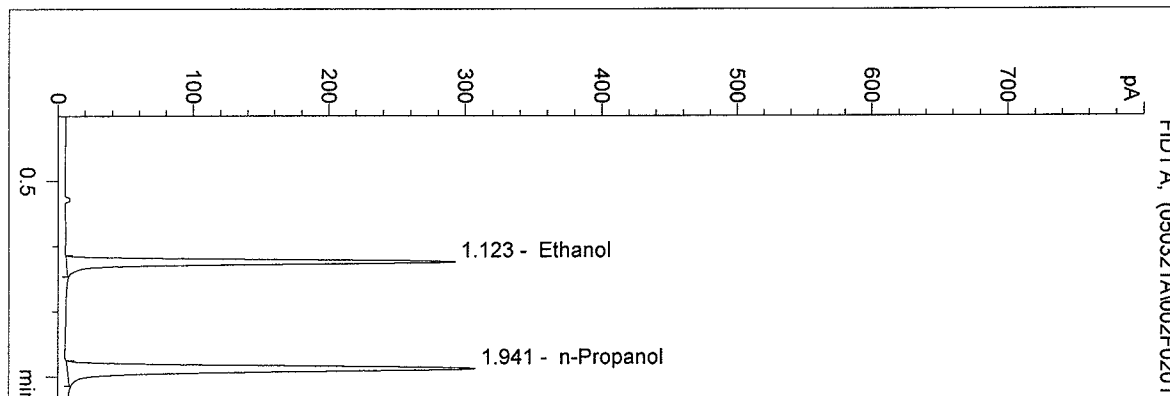


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 8:57:05 AM
 Instrument 5
 DB-ALC2

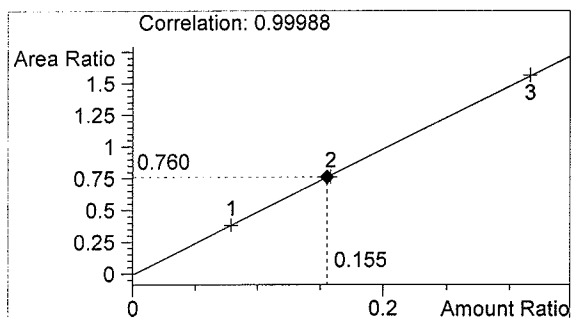
0.158 std
 alouis

vial # 2

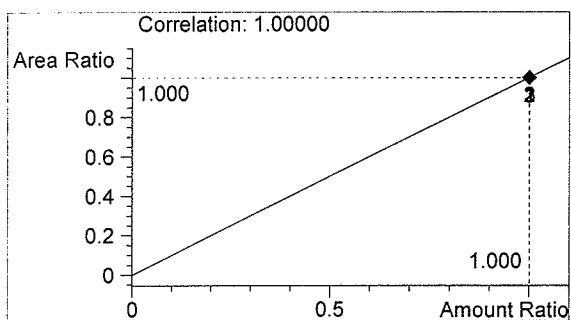


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 755 | 1.123 |
| 2 | n-Propanol | 994 | 1.941 |

Totals:



Ethanol 0.155 g/100ml

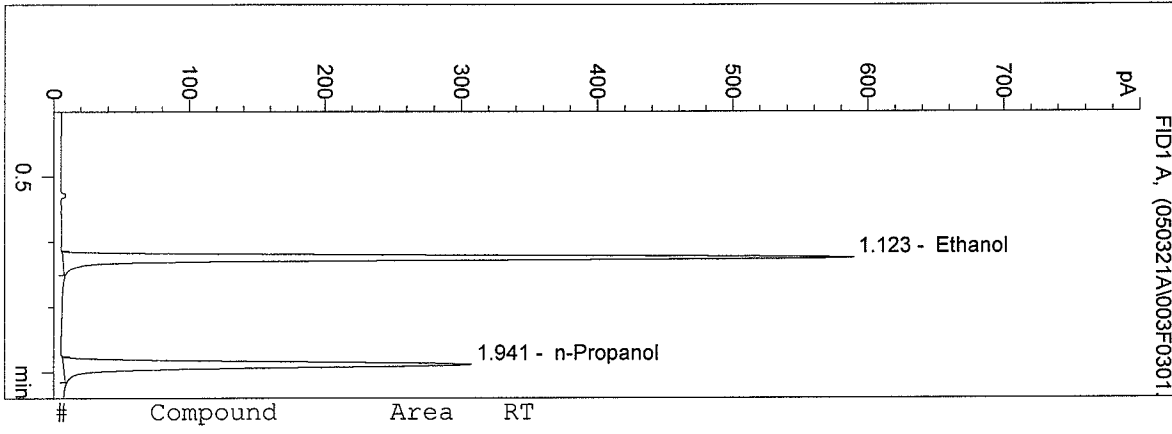


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 8:59:53 AM
 Instrument 5
 DB-ALC2

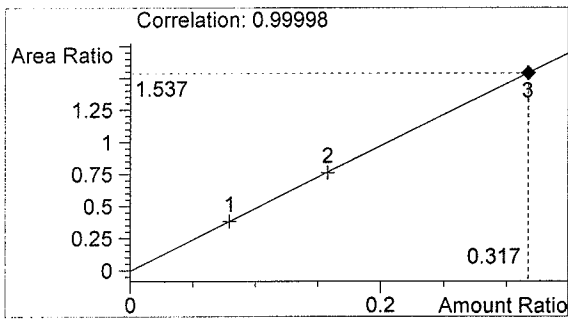
0.316 std
 alouis

vial # 3

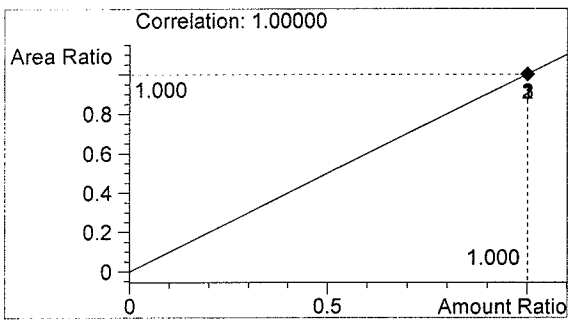


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1531 | 1.123 |
| 2 | n-Propanol | 996 | 1.941 |

Totals:



Ethanol 0.317 g/100ml

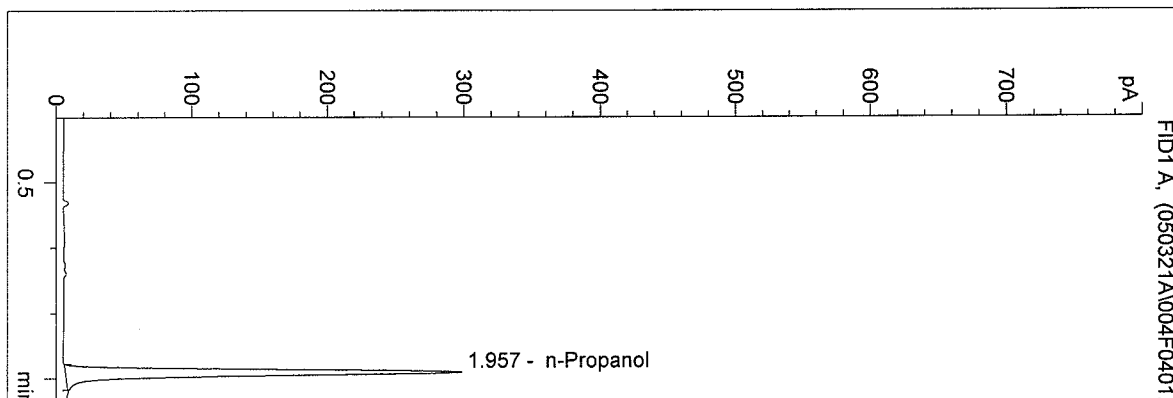


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:02:37 AM
 Instrument 5
 DB-ALC2

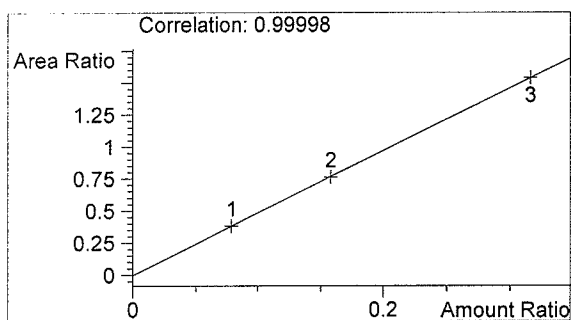
blank
 alouis

vial # 4

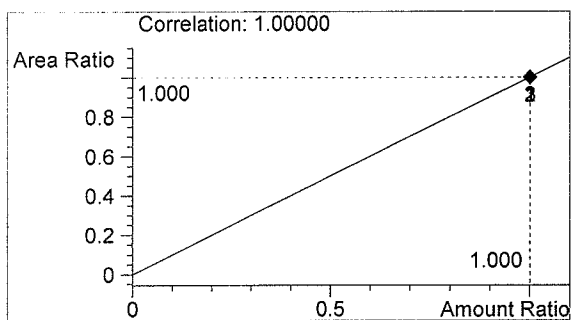


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 970 | 1.957 |

Totals:



Ethanol 0.000 g/100ml

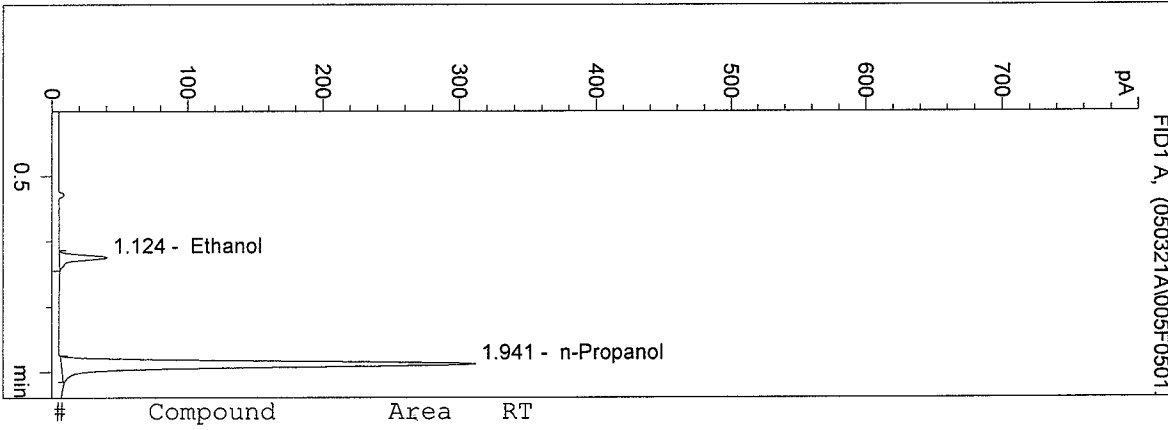


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:06:23 AM
 Instrument 5
 DB-ALC2

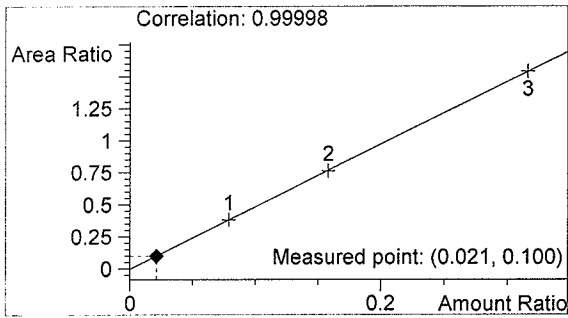
0.02
 alouis

vial # 5

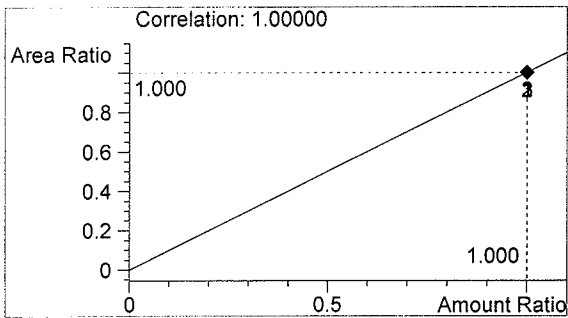


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 101 | 1.124 |
| 2 | n-Propanol | 1015 | 1.941 |

Totals:



Ethanol 0.021 g/100ml

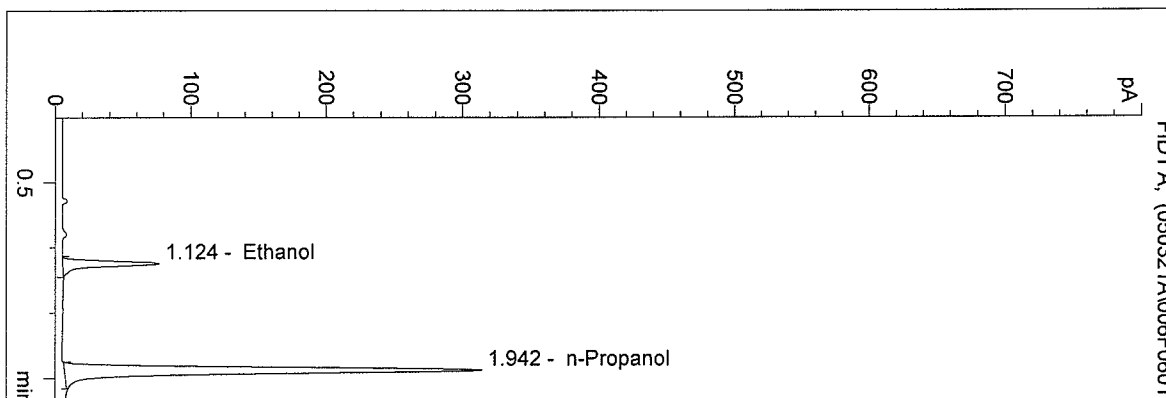


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:09:15 AM
 Instrument 5
 DB-ALC2

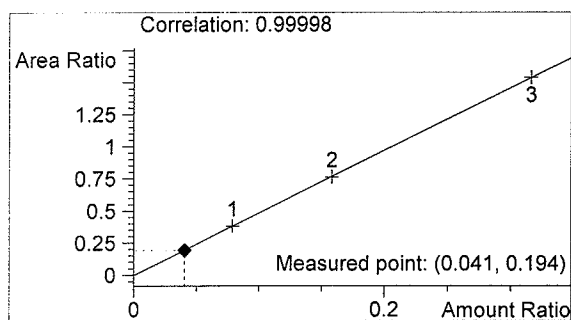
0.04 con al
 alouis

vial # 6

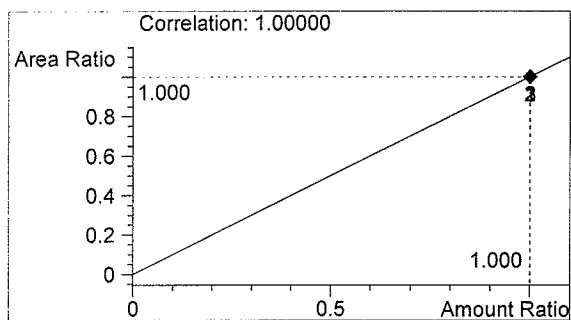


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 199 | 1.124 |
| 2 | n-Propanol | 1027 | 1.942 |

Totals:



Ethanol 0.041 g/100ml

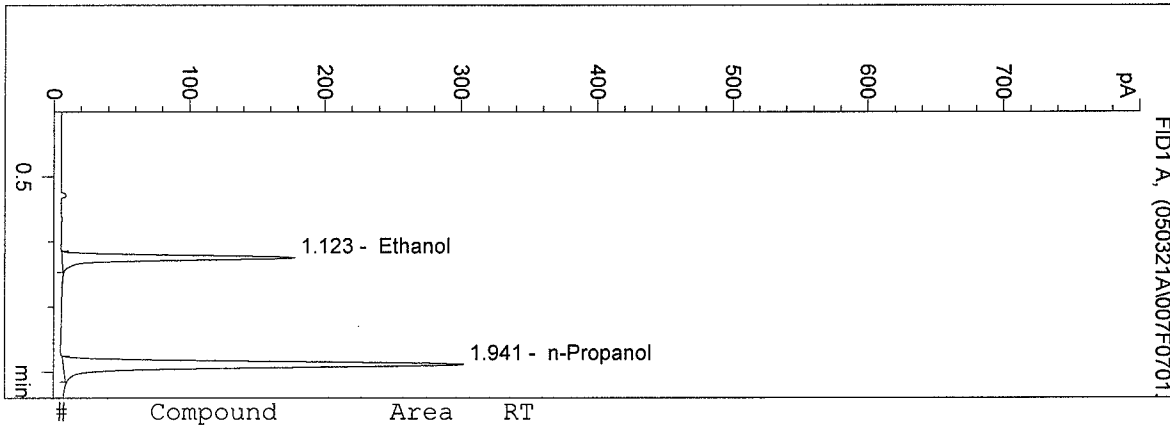


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:12:07 AM
 Instrument 5
 DB-ALC2

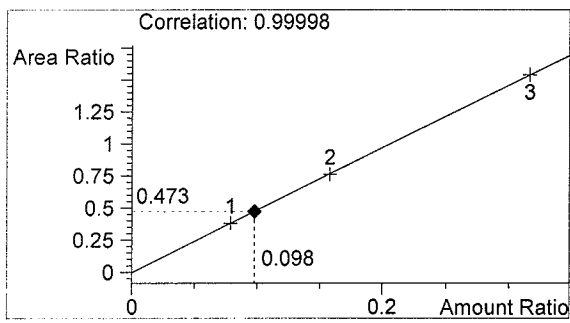
0.10 con al
 alouis

vial # 7

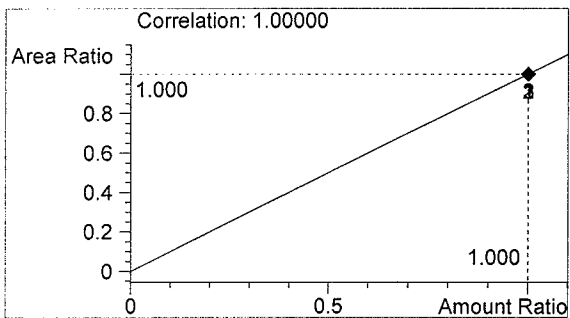


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 465 | 1.123 |
| 2 | n-Propanol | 983 | 1.941 |

Totals:



Ethanol 0.098 g/100ml

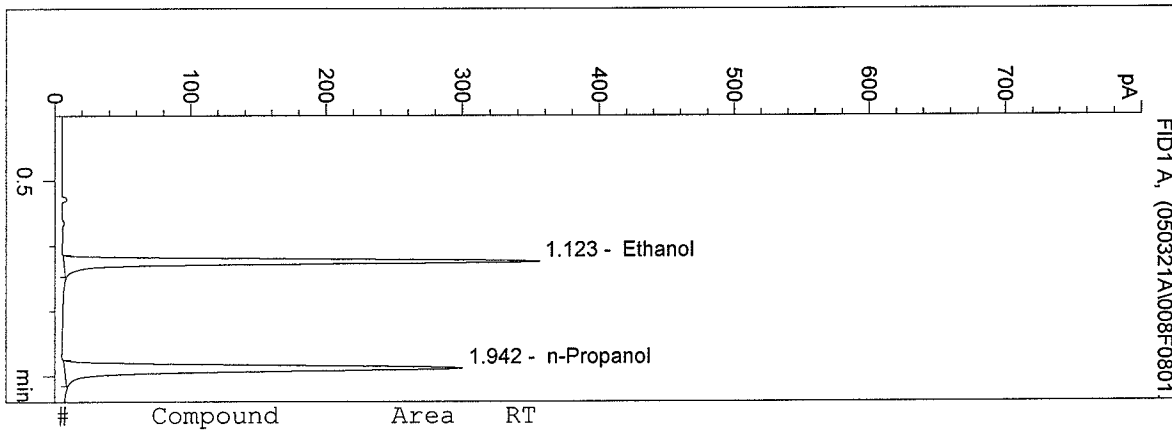


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:14:55 AM
 Instrument 5
 DB-ALC2

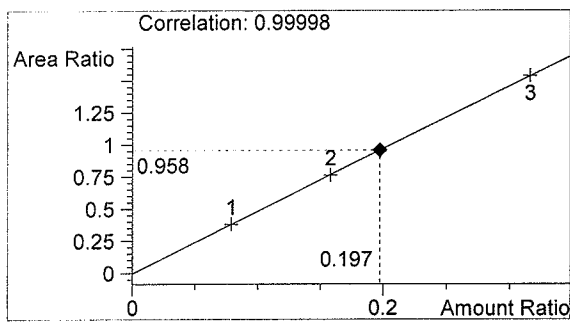
0.20 con al
 alouis

vial # 8

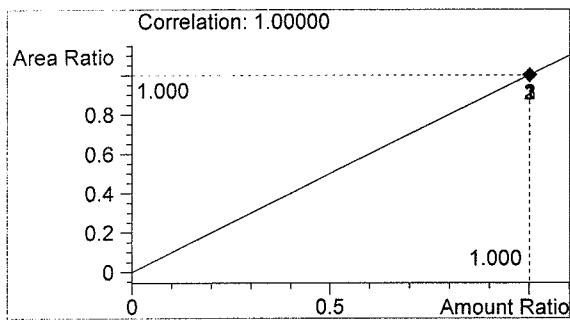


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 936 | 1.123 |
| 2 | n-Propanol | 977 | 1.942 |

Totals:



Ethanol 0.197 g/100ml

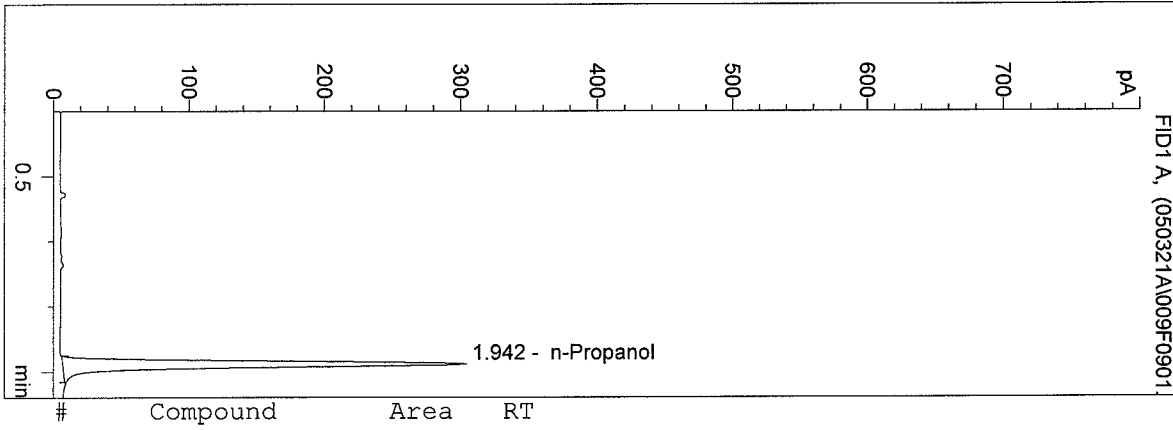


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 9:18:23 AM
 Instrument 5
 DB-ALC2

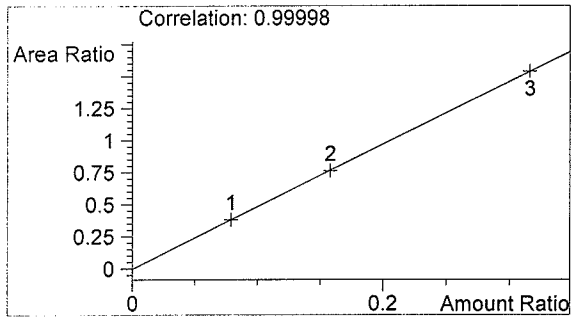
blank
 alouis

vial # 9

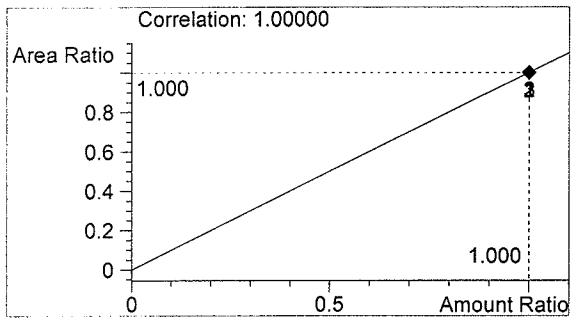


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 995 | 1.942 |

Totals:



Ethanol 0.000 g/100ml

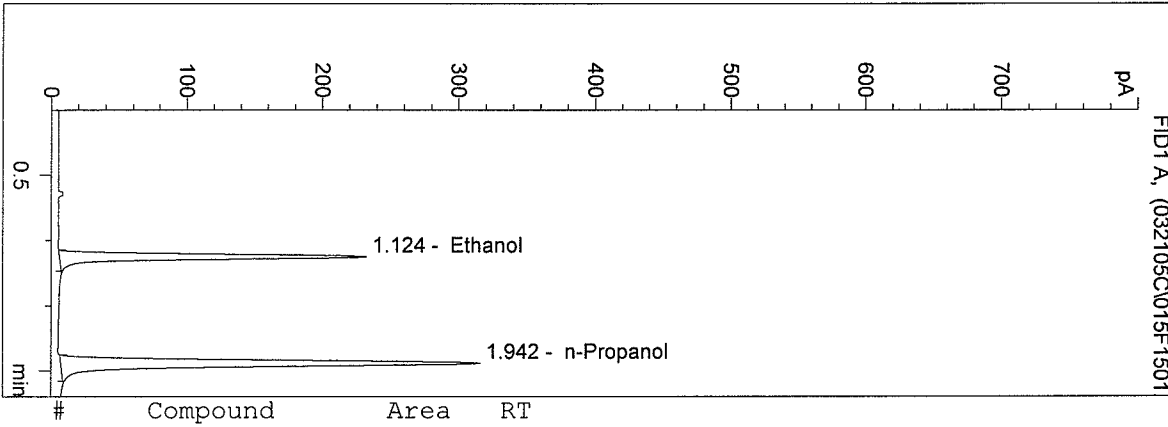


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 11:40:40 AM
 Instrument 5
 DB-ALC2

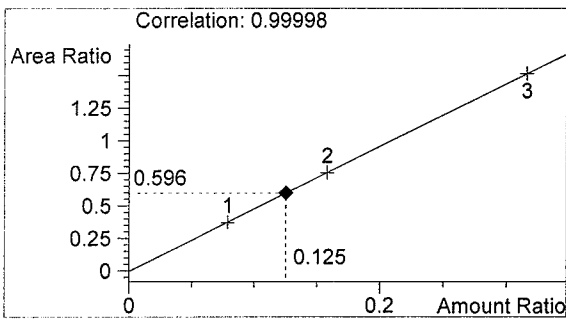
05013
 ED FORMOSO

vial # 15

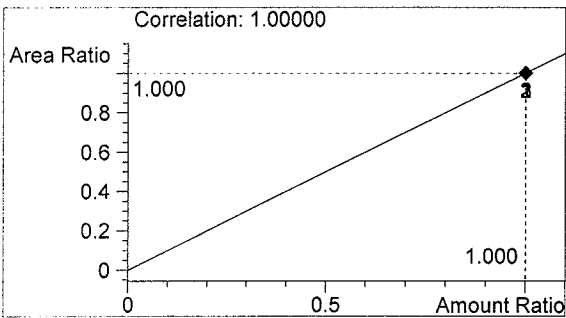


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 620 | 1.124 |
| 2 | n-Propanol | 1040 | 1.942 |

Totals:



Ethanol 0.125 g/100ml

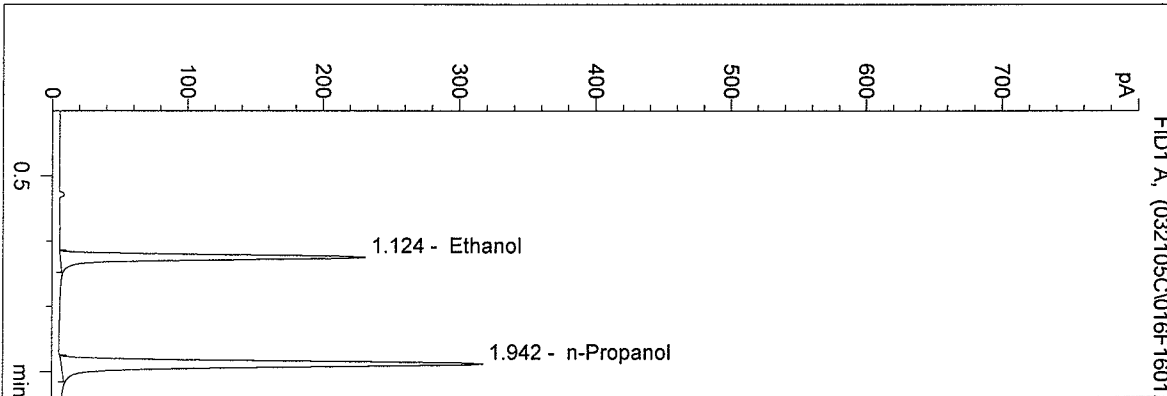


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 11:43:29 AM
 Instrument 5
 DB-ALC2

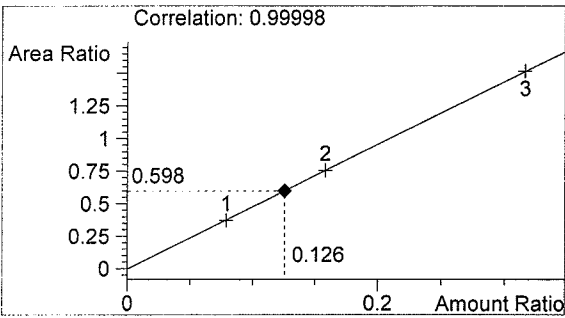
05013
 ED FORMOSO

vial # 16

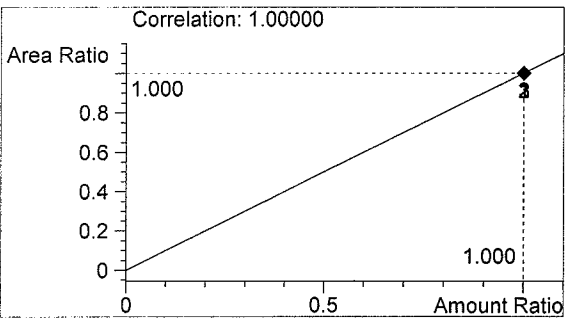


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 628 | 1.124 |
| 2 | n-Propanol | 1050 | 1.942 |

Totals:



Ethanol 0.126 g/100ml

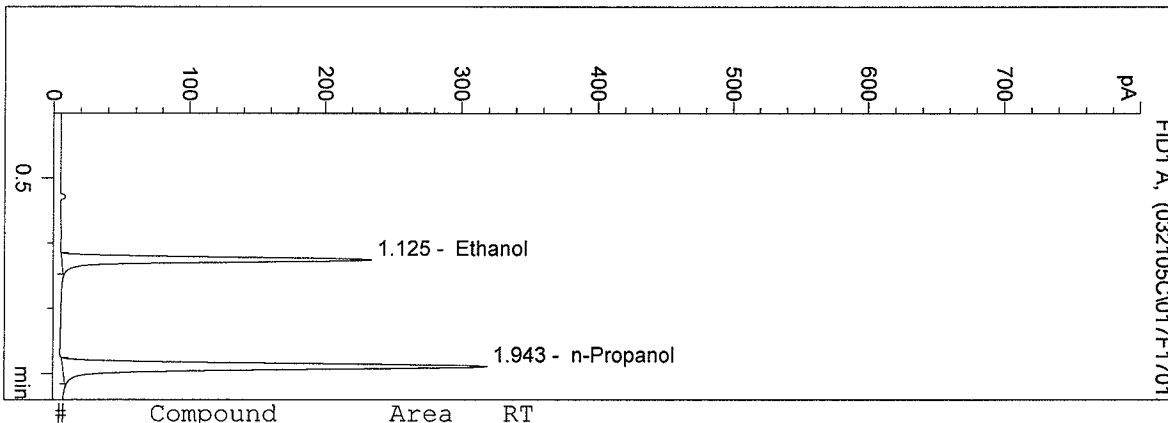


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 11:46:48 AM
 Instrument 5
 DB-ALC2

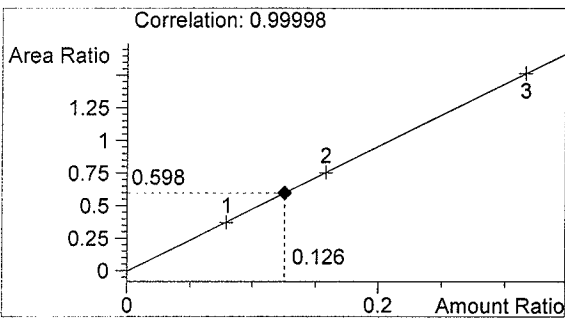
05013
 ED FORMOSO

vial # 17

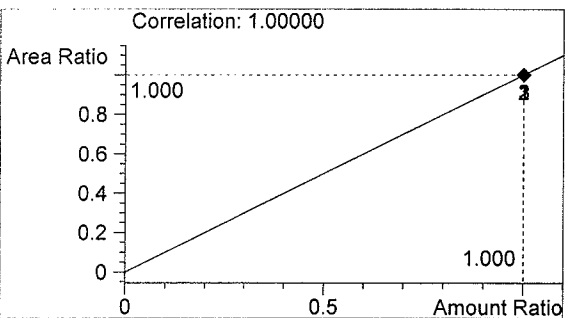


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 628 | 1.125 |
| 2 | n-Propanol | 1050 | 1.943 |

Totals:



Ethanol 0.126 g/100ml

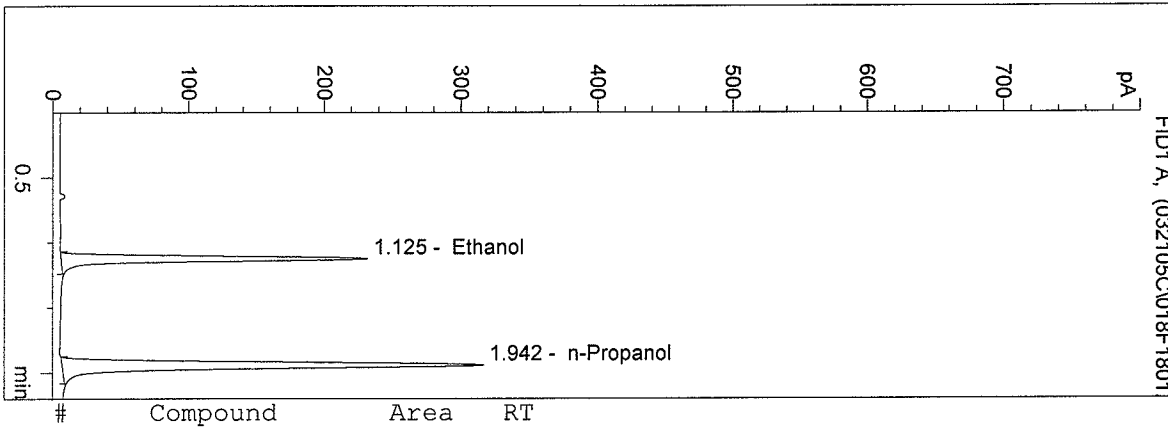


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 11:49:47 AM
 Instrument 5
 DB-ALC2

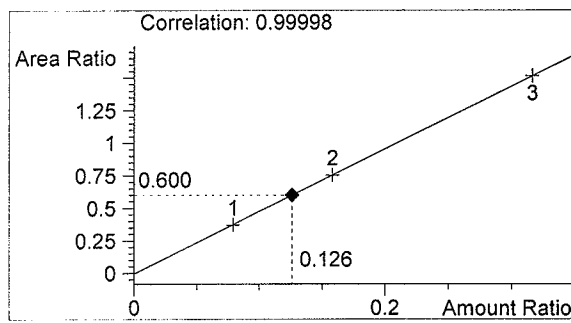
05013
 ED FORMOSO

vial # 18

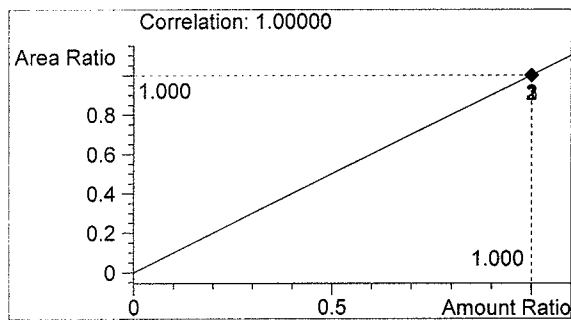


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 634 | 1.125 |
| 2 | n-Propanol | 1056 | 1.942 |

Totals:



Ethanol 0.126 g/100ml

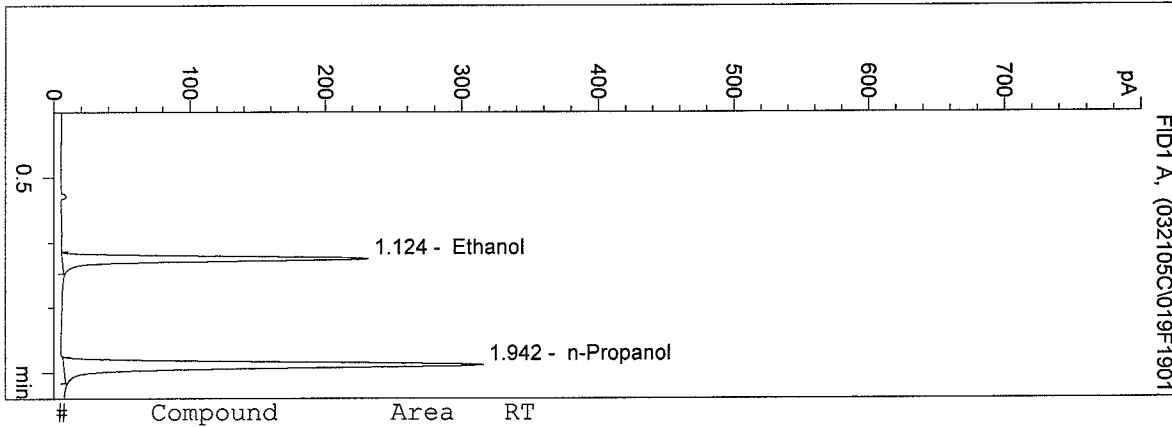


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 11:52:33 AM
 Instrument 5
 DB-ALC2

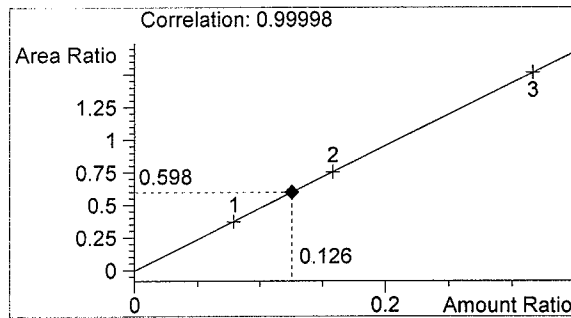
05013
 ED FORMOSO

vial # 19

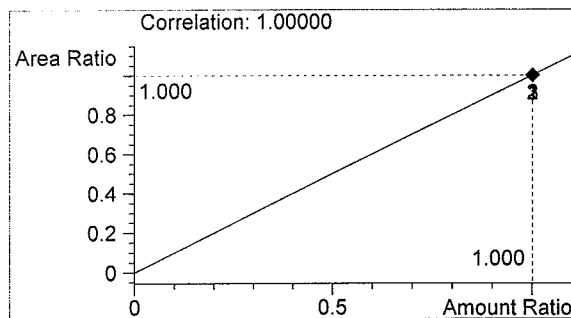


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 622 | 1.124 |
| 2 | n-Propanol | 1040 | 1.942 |

Totals:



Ethanol 0.126 g/100ml

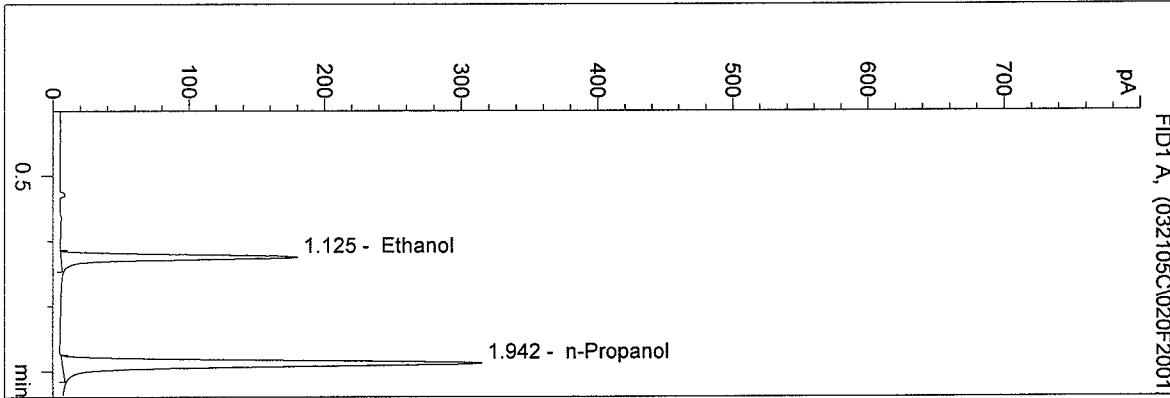


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/21/2005 11:55:27 AM
 Instrument 5
 DB-ALC2

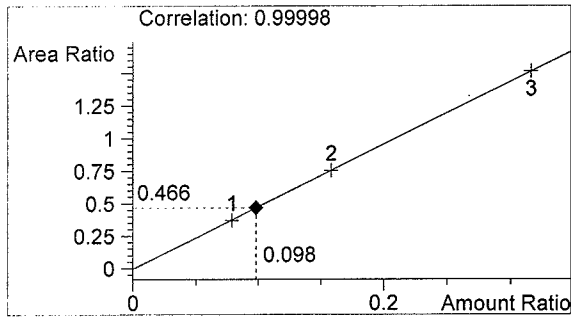
0.10 CONTROL
 ED FORMOSO

vial # 20

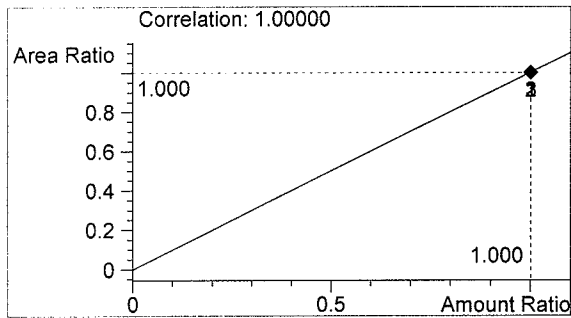


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 486 | 1.125 |
| 2 | n-Propanol | 1041 | 1.942 |

Totals:



Ethanol 0.098 g/100ml

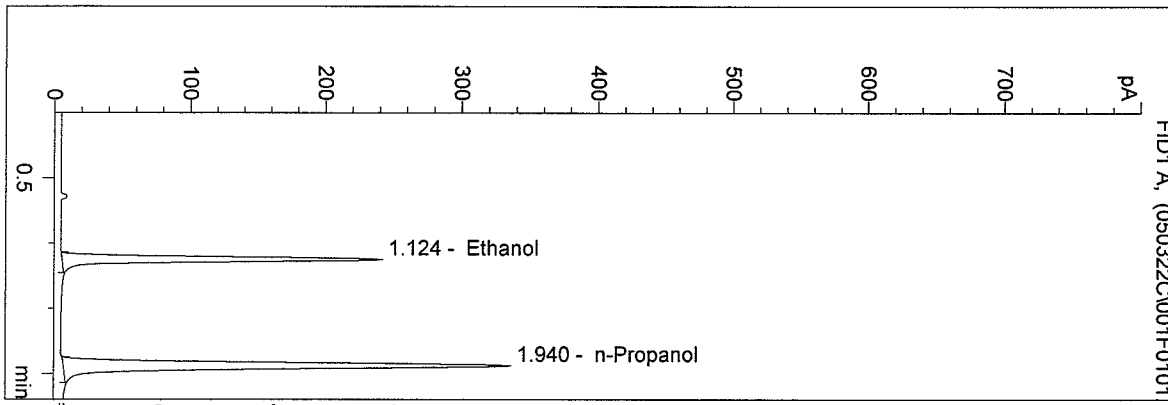


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 11:43:23 AM
 Instrument 5
 DB-ALC2

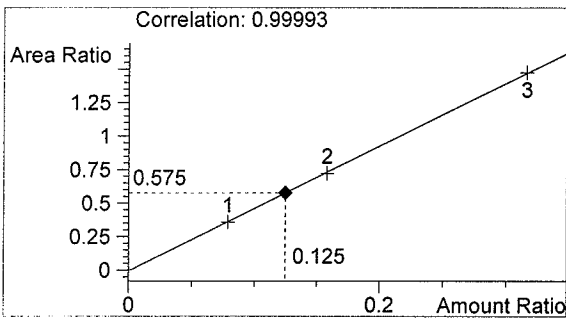
05013#1
 bcapron

vial # 1

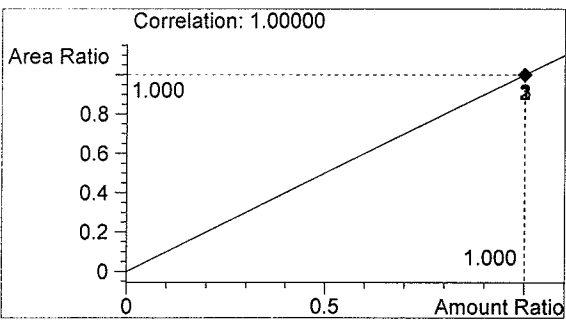


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 625 | 1.124 |
| 2 | n-Propanol | 1087 | 1.940 |

Totals:



Ethanol 0.125 g/100ml

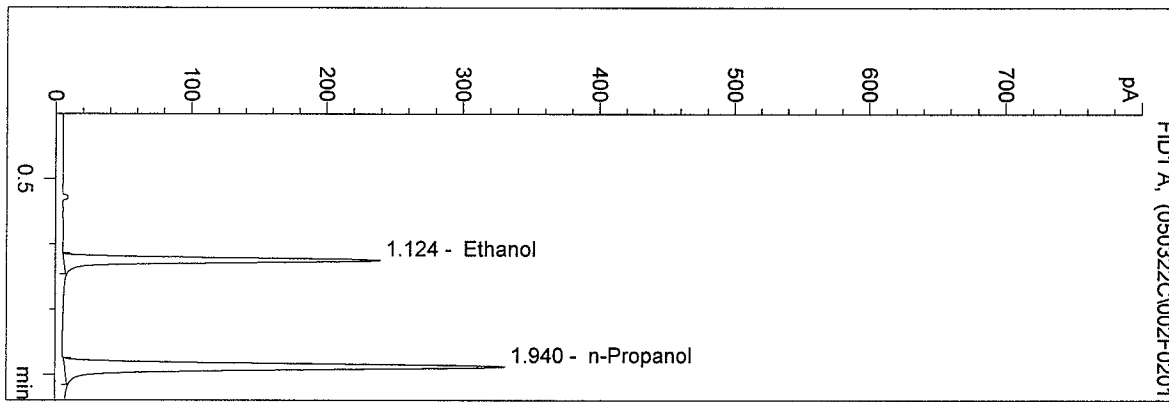


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 11:46:16 AM
 Instrument 5
 DB-ALC2

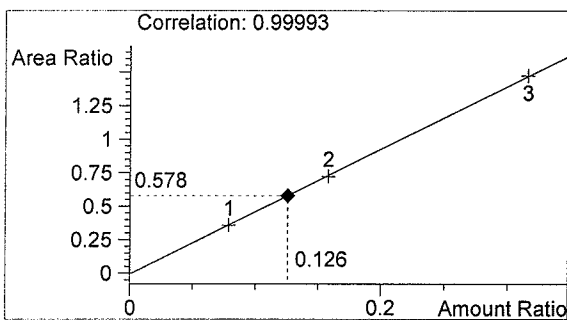
05013#2
 bcapron

vial # 2

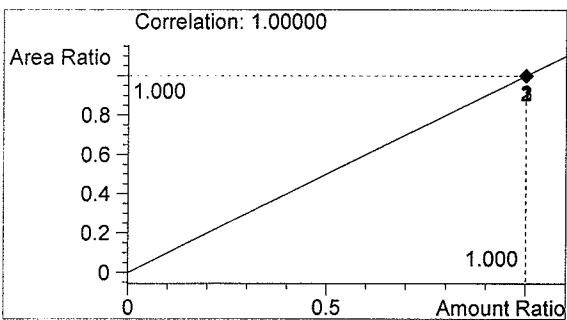


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 625 | 1.124 |
| 2 | n-Propanol | 1080 | 1.940 |

Totals:



Ethanol 0.126 g/100ml

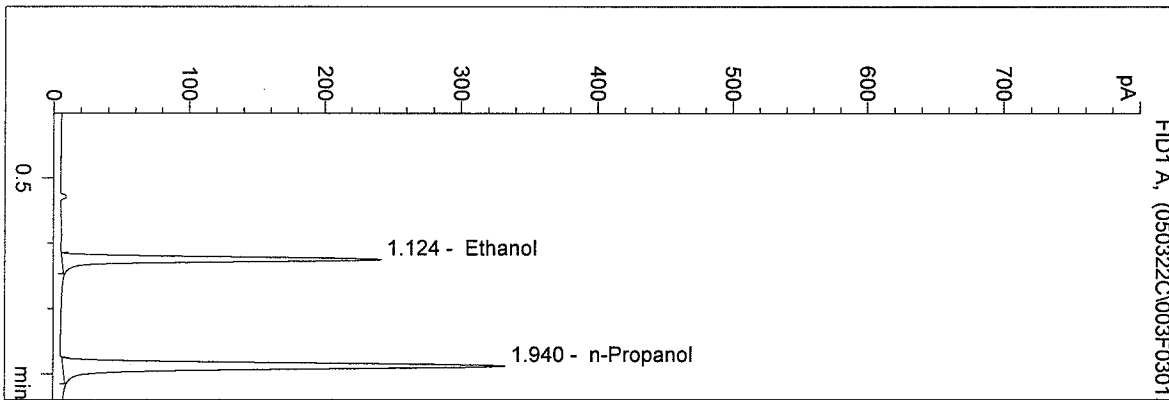


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 11:48:54 AM
 Instrument 5
 DB-ALC2

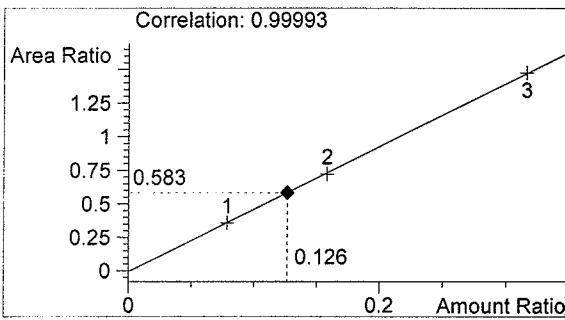
05013#3
 bcapron

vial # 3

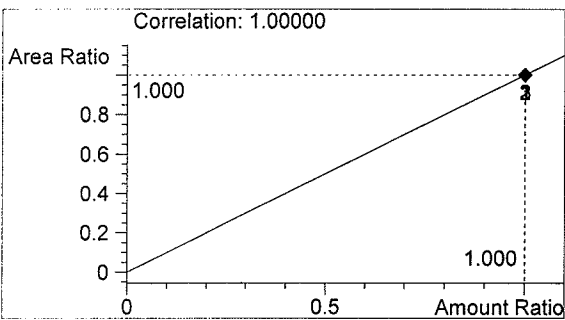


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 632 | 1.124 |
| 2 | n-Propanol | 1084 | 1.940 |

Totals:



Ethanol 0.126 g/100ml

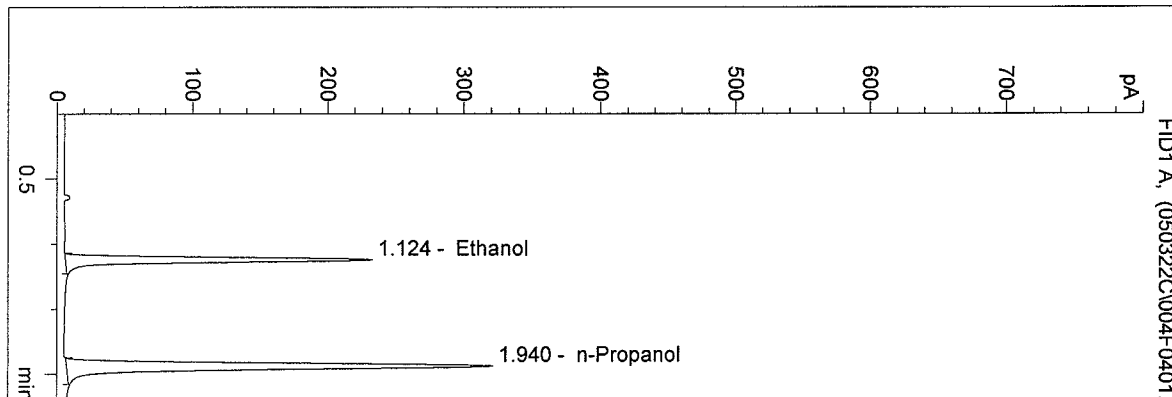


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 11:51:42 AM
 Instrument 5
 DB-ALC2

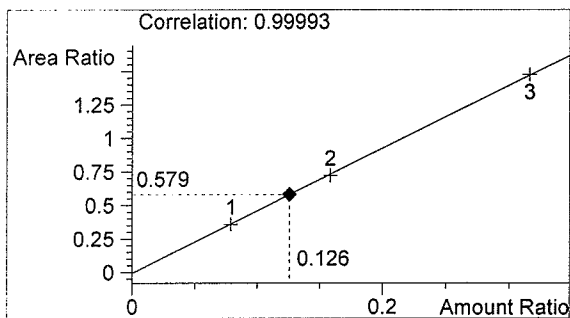
05013#4
 bcapron

vial # 4

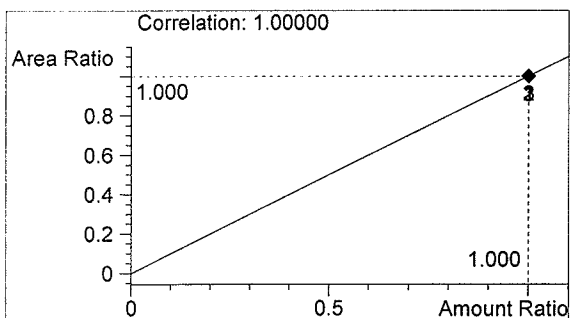


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 607 | 1.124 |
| 2 | n-Propanol | 1047 | 1.940 |

Totals:



Ethanol 0.126 g/100ml

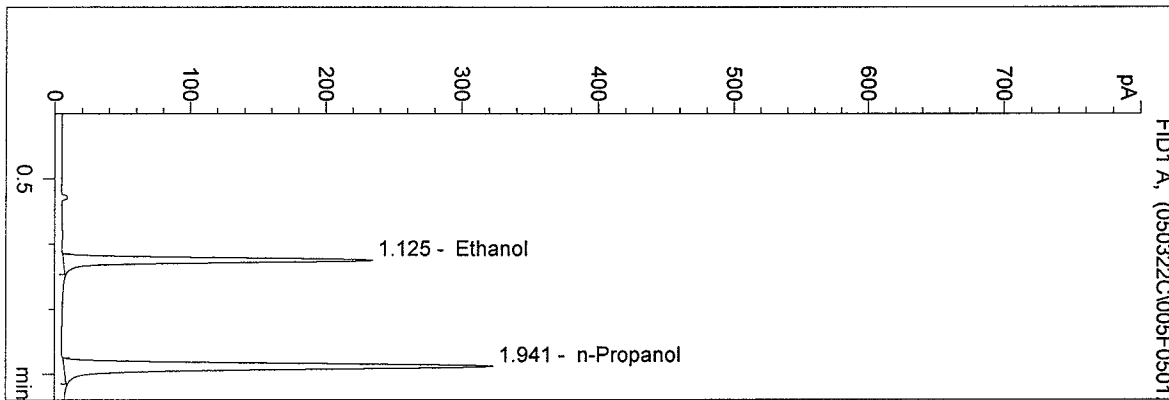


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 11:55:23 AM
 Instrument 5
 DB-ALC2

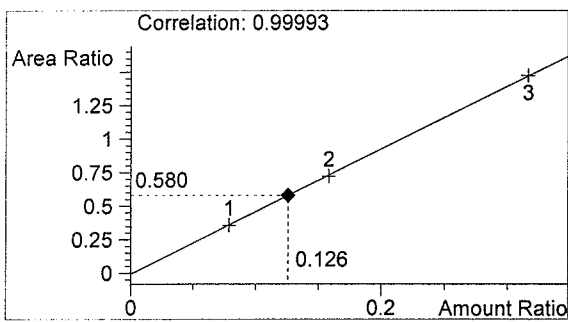
05013#5
 bcapron

vial # 5

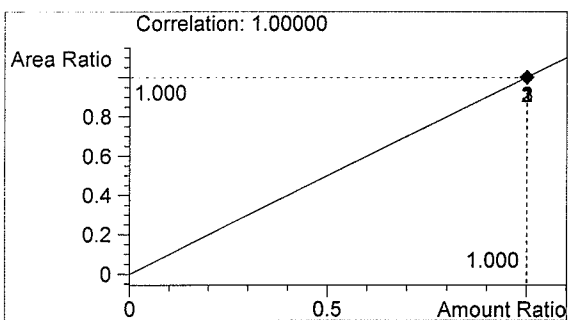


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 609 | 1.125 |
| 2 | n-Propanol | 1051 | 1.941 |

Totals:



Ethanol 0.126 g/100ml

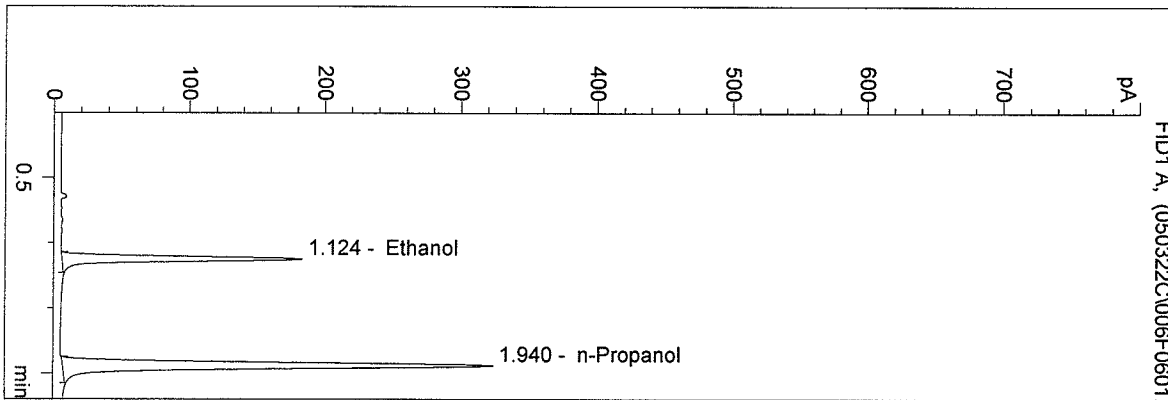


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 11:58:10 AM
 Instrument 5
 DB-ALC2

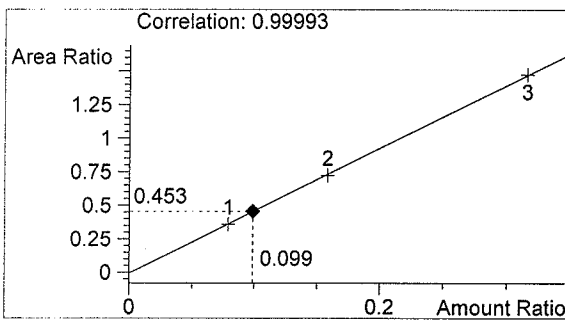
0.10 control
 bcapron

vial # 6

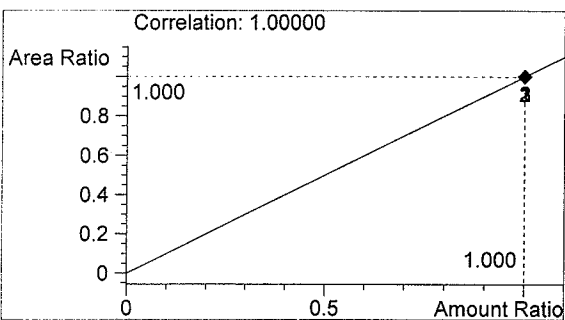


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 478 | 1.124 |
| 2 | n-Propanol | 1055 | 1.940 |

Totals:



Ethanol 0.099 g/100ml

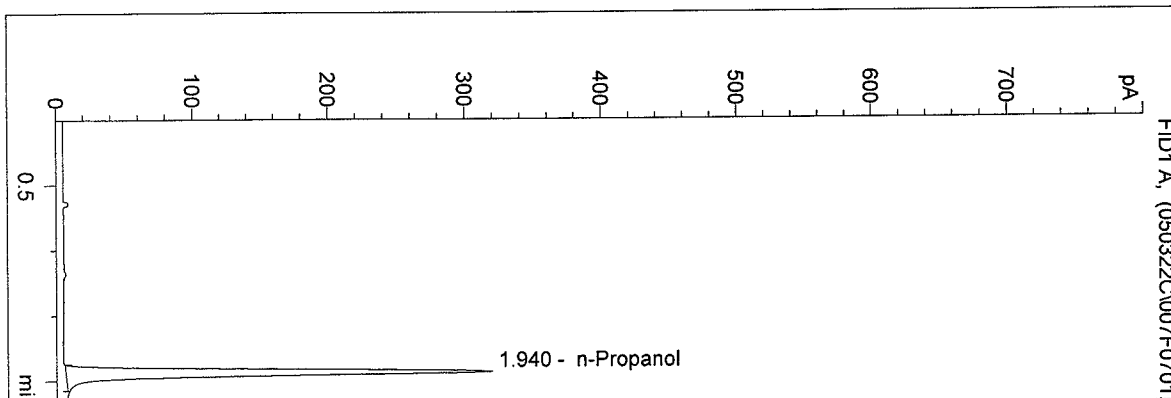


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 3/22/2005 12:01:09 PM
 Instrument 5
 DB-ALC2

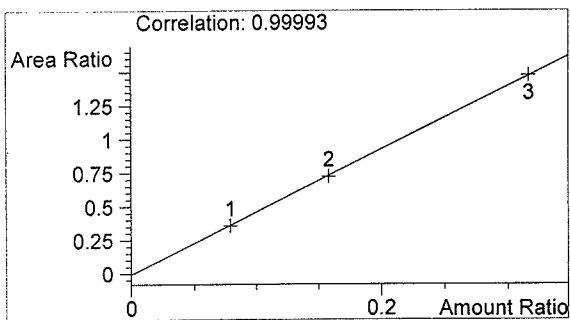
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 bcapron

vial # 7

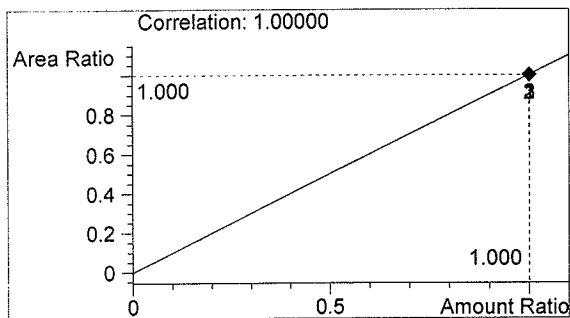


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1049 | 1.940 |

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml