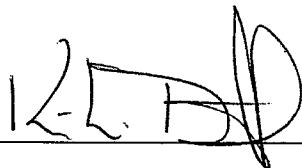


Notice of Simulator Solution File Review

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

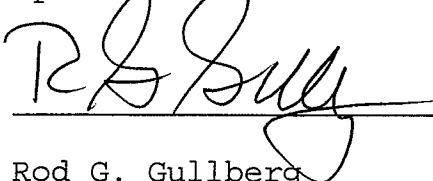
Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear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

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


_____ 10/5/2007

Tpr. Ken Denton

Date


_____ 10-5-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN BENTON / PAUL GULBERG Date 10-5-07
Location TOX LAB SPATHE Batch Number 07040

Form Review Criteria

Preparation date precedes all analysis dates: Okay Not Okay

Data entry corresponds to all chromatograms: Okay Not Okay

All signatures present: Okay Not Okay

Computations:

Avg. solution concentration: Correct Not Correct

Standard deviation: Correct Not Correct

Range: Correct Not Correct

Precision: Correct Not Correct

Equivalent vapor concent.: Correct Not Correct

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

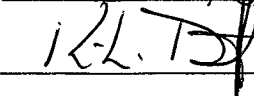
Complies with accuracy and precision requirements established by the
State Toxicologist: Yes No

Corrections Necessary:

Comments:

Reviewer Signature: 

Date: 10-5-07

Reviewer Signature: 

Date: 10/5/2007

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

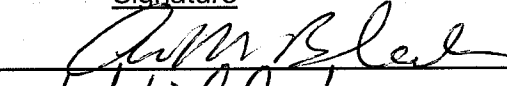
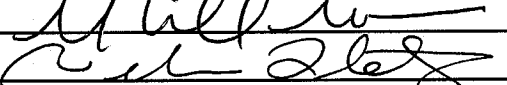

Preparation and certification of **0.15** g/210L Quality Assurance solution
 Batch number **07040** Date prepared: 09/20/2007
 Preparation: 42.3 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

| | Anal 1 | Anal 2 | Anal 3 | Anal 4 | Anal 5 | Anal 6 | Anal 7 | Anal 8 | Anal 9 | Anal10 | Anal 11 | Anal 12 | Anal 13 | Anal14 | Anal 15 | Anal 16 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|---------|---------|
| 1 | 0.188 | 0.190 | 0.187 | | | | | | | | | | | | | |
| 2 | 0.188 | 0.188 | 0.188 | | | | | | | | | | | | | |
| 3 | 0.188 | 0.187 | 0.186 | | | | | | | | | | | | | |
| 4 | 0.188 | 0.186 | 0.187 | | | | | | | | | | | | | |
| 5 | 0.188 | 0.188 | 0.187 | | | | | | | | | | | | | |
| Ctrl | 0.100 | 0.098 | 0.101 | | | | | | | | | | | | | |

Statistics:
 Avg. solution concent.: 0.1876 g/100 mL
 SD: 0.00099
 Precision CV (%): 0.5254 %

External Control:
 Lot #: A050528 Exp date: 7/2011
 Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.1525 g/210L

| Analyst | Name | Signature | Date |
|---------|------------------|--|------------|
| 1 | Amanda Black |  | 09/20/2007 |
| 2 | Sarah M Swenson |  | 09/20/2007 |
| 3 | Rebecca Flaherty |  | 09/21/2007 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |

Prepared by: Amanda Black 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 FOR LOT 07040

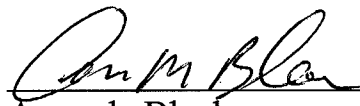
I, Amanda Black, do certify under penalty of perjury that:

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 degrees in Chemistry and Veterinary Science.

The quality assurance solution, Lot Number 07040, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA

 10-01-07

Amanda Black Date
Forensic Toxicologist

AB/jr
ABQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07040

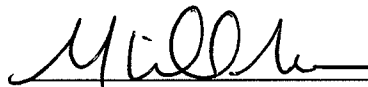
I, Sarah M Swenson, do certify under penalty of perjury that:

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 four years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07040, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA

 10/1/07
Sarah M Swenson Date
Forensic Toxicologist

SMS/jr
SMSQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07040


I, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The quality assurance solution, Lot Number 07040, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA


Rebecca Flaherty 10-1-07
Forensic Toxicologist Date

RF/jr
RFQA



Batch Worksheet Checkoff

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

Please initial below to affirm that you have:

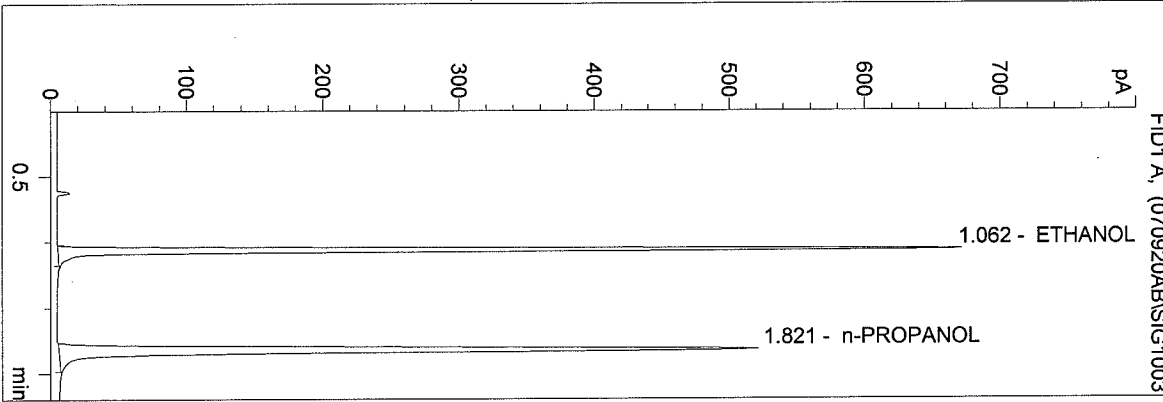
- 1 – Initialed and dated your chromatograms
- 2 – Checked your data
- 3 – Checked the date to the right of your name on the worksheet
- 4 – Signed the worksheet.

| Initials | Date |
|----------------------------|----------------------------------|
| Brianne Akins | |
| Brittany Ball | |
| Amanda Black <i>AB</i> | <i>10-01-07</i> |
| Brian Capron | |
| Rebecca Flaherty <i>RF</i> | <i>10-01-07</i> |
| Ed Formoso | |
| Christopher Johnston | |
| Justin Knoy | |
| Asa Louis | |
| Estuardo Miranda | |
| Christie Mitchell | |
| Lisa Noble | |
| Naziha Nuwayhid | |
| Melissa Pemberton | <i>Melissa Pemberton 10/1/07</i> |
| Brianna Peterson | |
| Sarah Swenson <i>SMS</i> | <i>10/1/07</i> |
| | |
| | |

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 3:07:31 PM
 Instrument 3
 db-alc2

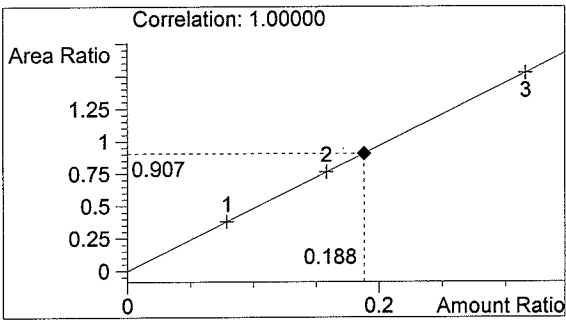
QA 07040-1
 A. Black

vial # 31



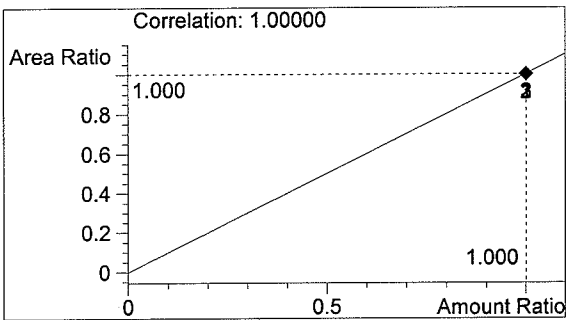
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 1284 | 1.062 |
| 2 | n-PROPANOL | 1416 | 1.821 |

Totals:



ETHANOL

0.188 g/100ml



n-PROPANOL

1.000 g/100ml

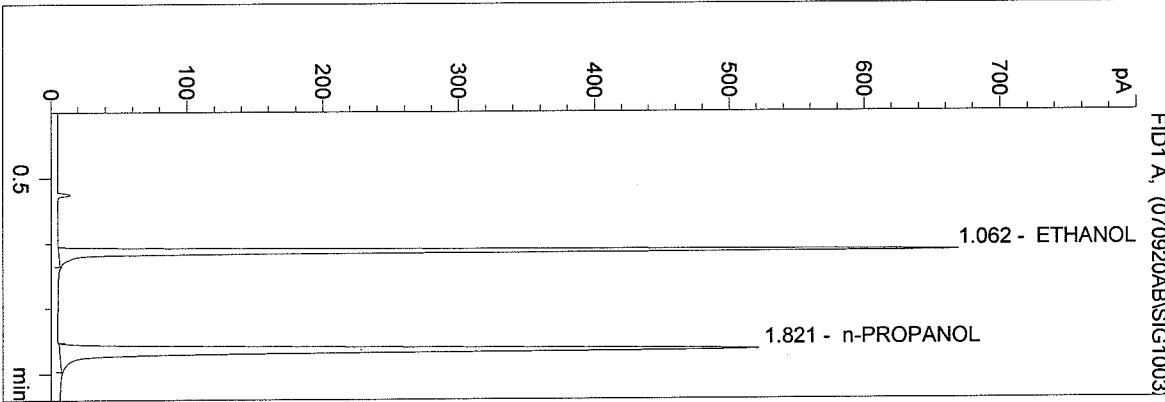
CALIBRATION FILED WITH 07037

10-10-01
 AB

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 9/20/2007 3:10:38 PM
 Instrument 3
 db-alc2

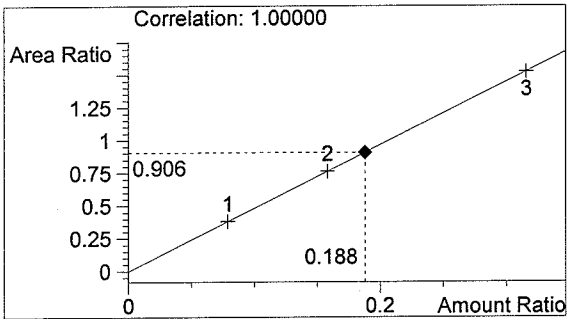
QA 07040-2
 A. Black

vial # 32



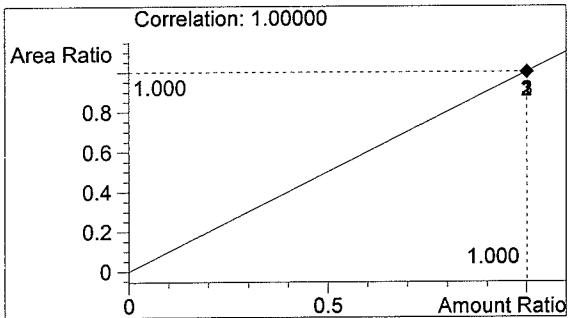
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 1285 | 1.062 |
| 2 | n-PROPANOL | 1419 | 1.821 |

Totals:



ETHANOL

0.188 g/100ml



n-PROPANOL

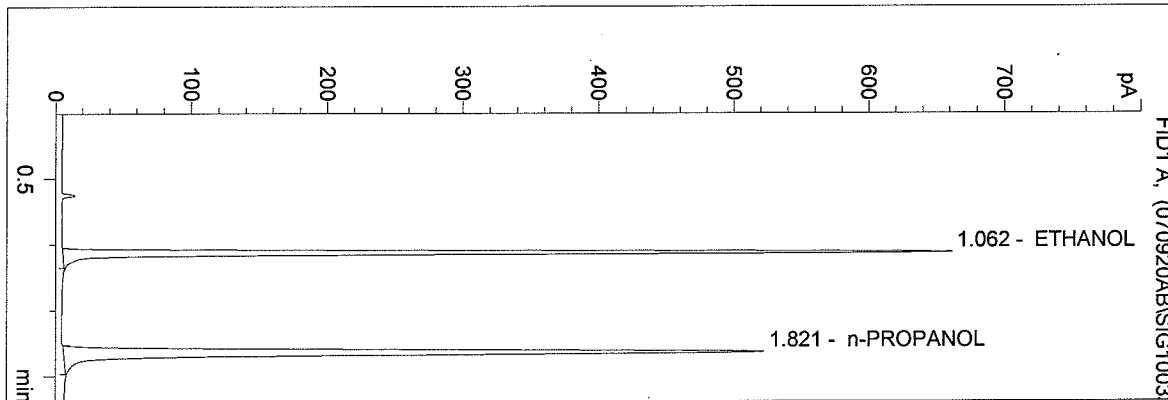
1.000 g/100ml

10-10-07
 AB

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 3:13:45 PM
 Instrument 3
 db-alc2

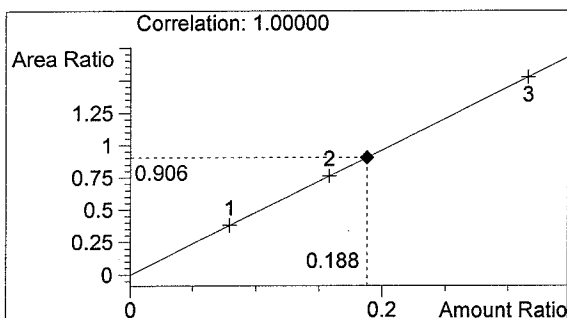
QA 07040-3
 A. Black

vial # 33



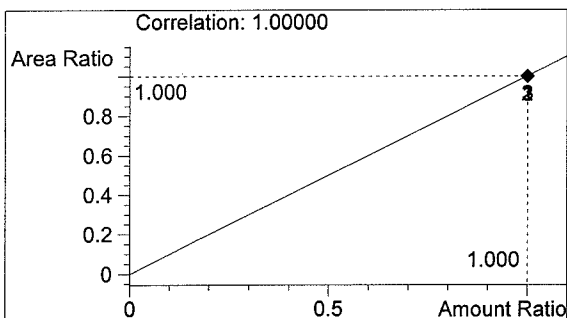
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 1288 | 1.062 |
| 2 | n-PROPANOL | 1422 | 1.821 |

Totals:



ETHANOL

0.188 g/100ml



n-PROPANOL

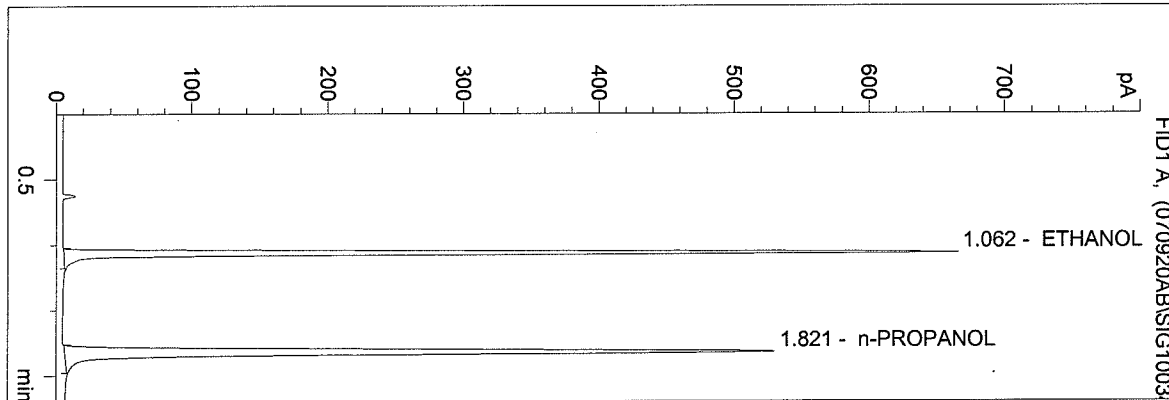
1.000 g/100ml

10-01-07
 QB

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 3:16:52 PM
 Instrument 3
 db-alc2

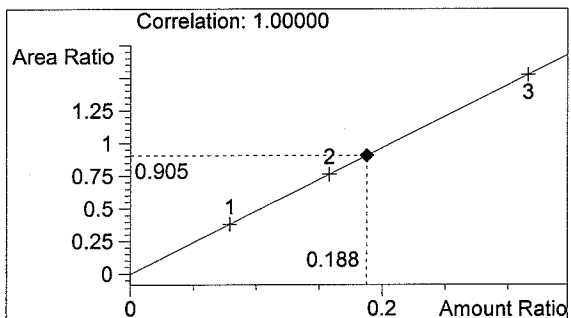
QA 07040-4
 A. Black

vial # 34



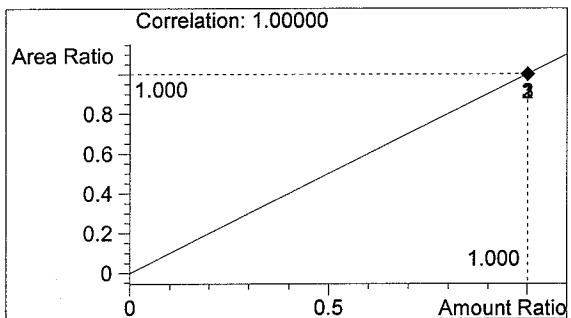
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 1310 | 1.062 |
| 2 | n-PROPANOL | 1447 | 1.821 |

Totals:



ETHANOL

0.188 g/100ml



n-PROPANOL

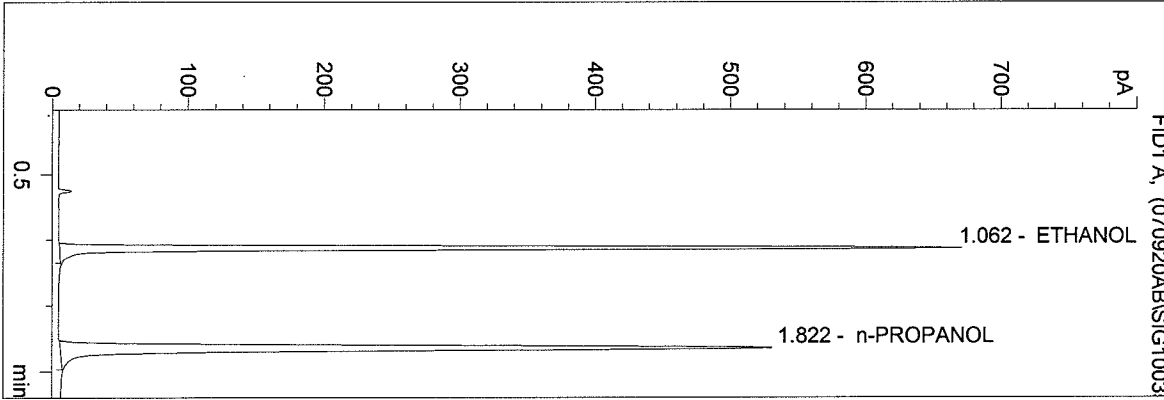
1.000 g/100ml

10-01-07
 08

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 3:20:00 PM
 Instrument 3
 db-alc2

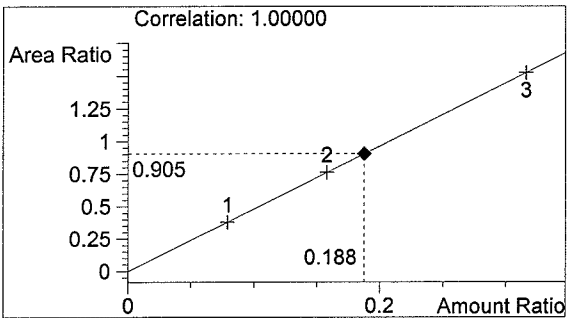
QA 07040-5
 A. Black

vial # 35



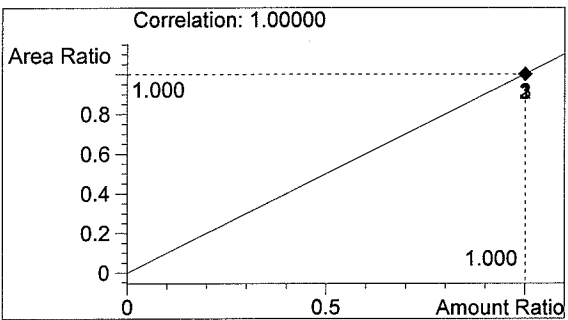
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 1311 | 1.062 |
| 2 | n-PROPANOL | 1448 | 1.822 |

Totals:



ETHANOL

0.188 g/100ml



n-PROPANOL

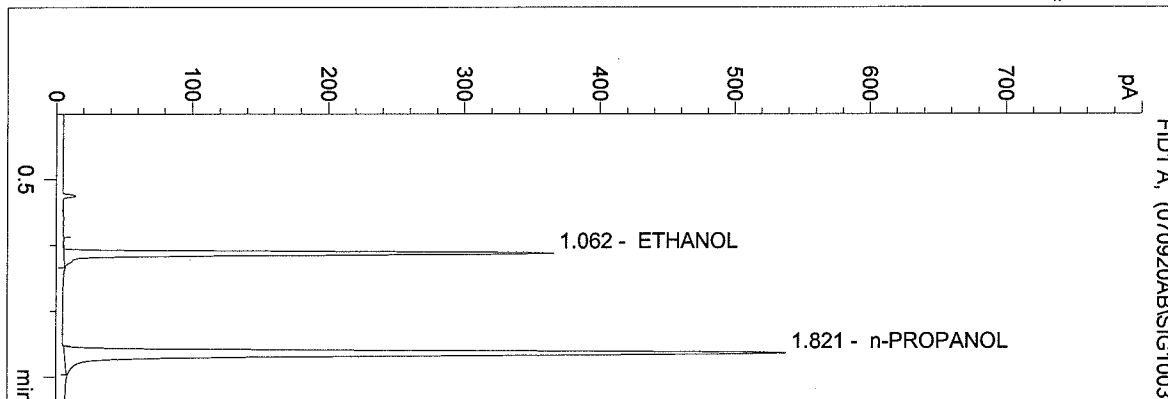
1.000 g/100ml

10-01-07
 AB

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 3:23:07 PM
 Instrument 3
 db-alc2

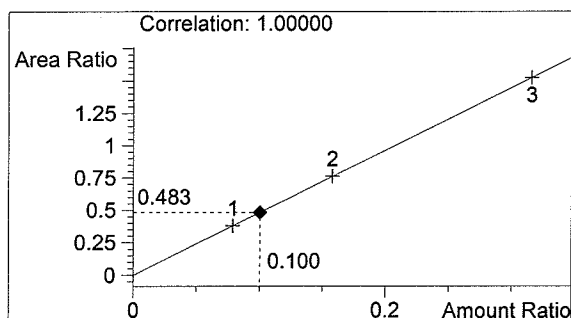
0.10 CONTROL-AB
 A. Black

vial # 36



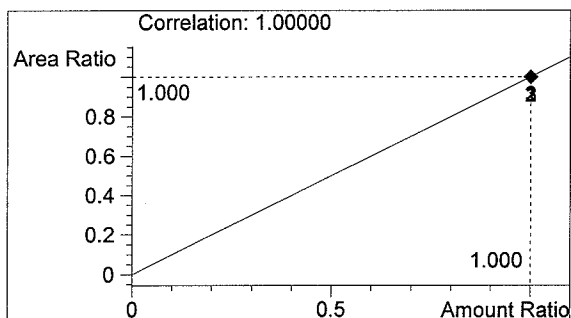
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 711 | 1.062 |
| 2 | n-PROPANOL | 1470 | 1.821 |

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

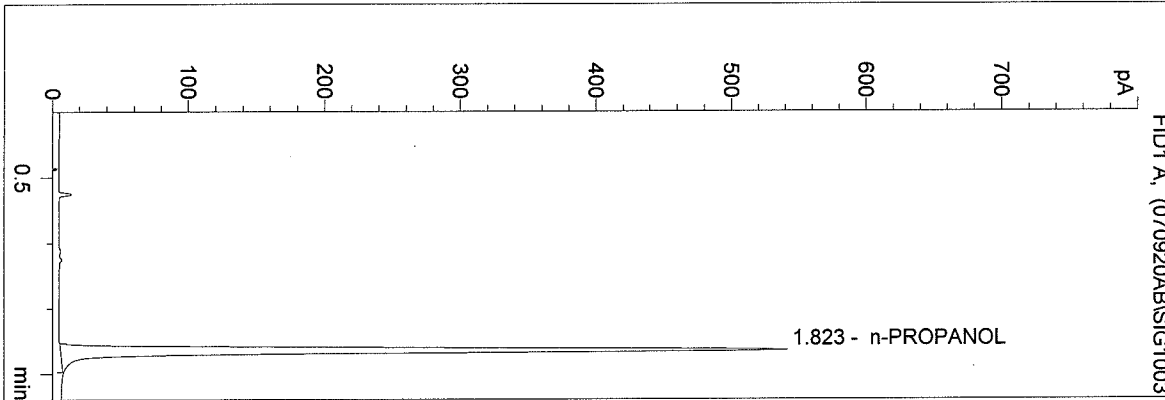
1.000 g/100ml

7-0-10-07
 88

C:\HPCHEM\2\METHODS\BLDALCO3.M
 9/20/2007 3:26:14 PM
 Instrument 3
 db-alc2

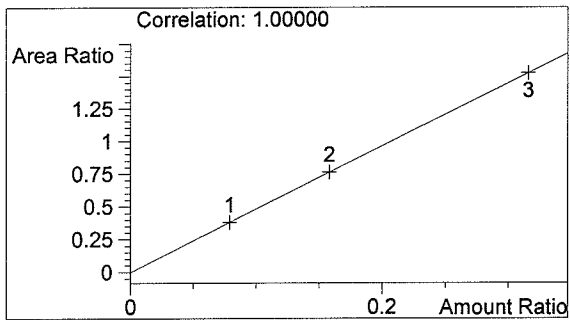
BLANK
 A. Black

vial # 37



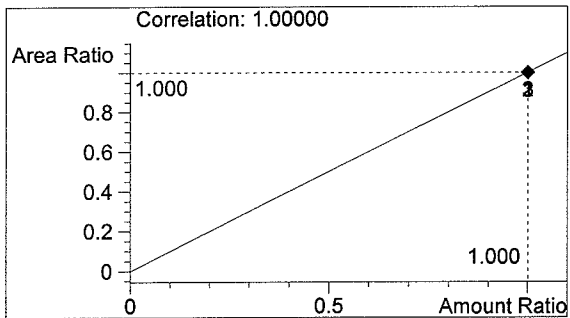
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | ETHANOL | 0 | 0.000 |
| 2 | n-PROPANOL | 1481 | 1.823 |

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

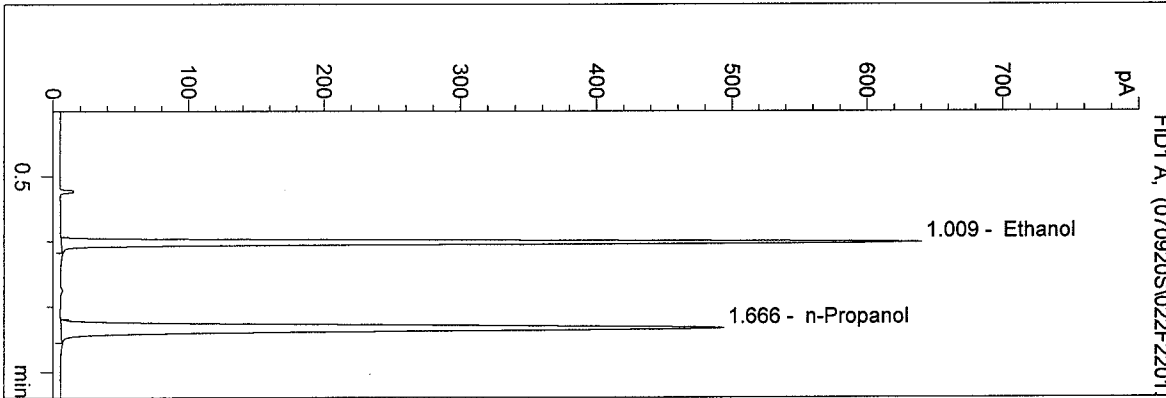
1.000 g/100ml

10-10-07
 CB

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:33:09 PM
 Instrument 4
 DB-ALC1

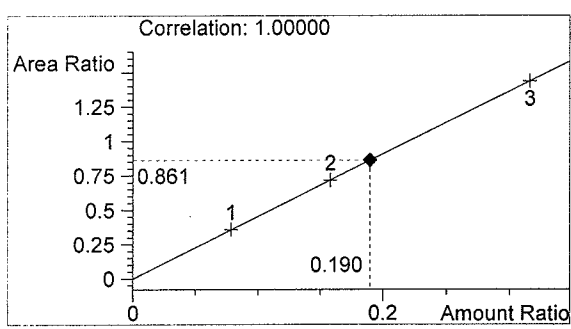
07040-1
 SARAH SWENSON

vial # 22

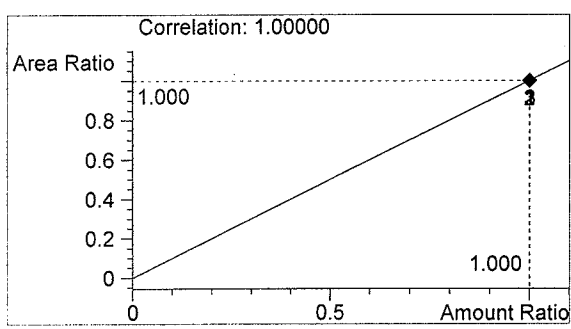


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1327 | 1.009 |
| 2 | n-Propanol | 1541 | 1.666 |

Totals:



Ethanol 0.190 g/100ml



n-Propanol 1.000 g/100ml

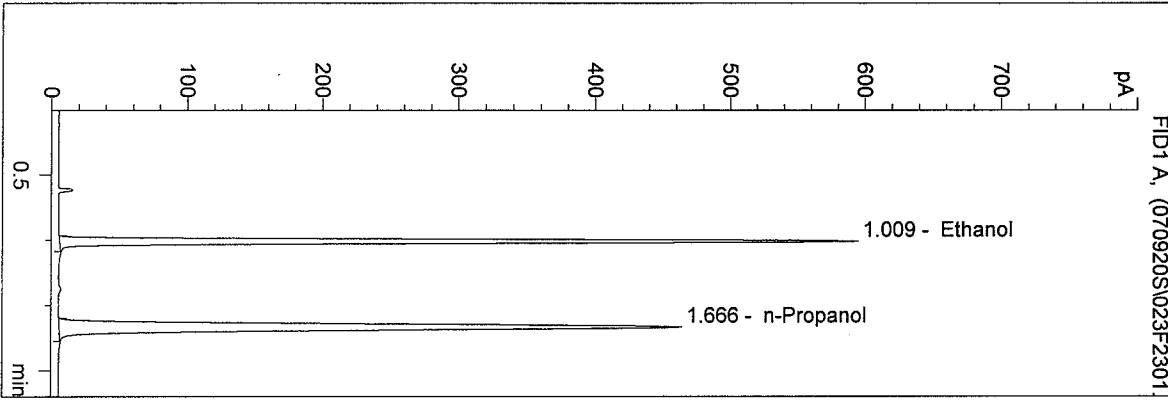
0.10 CTL A050527 EXP. 7/11
 CAL FILED WITH CASE FILE
 ST0707391

SJS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:36:31 PM
 Instrument 4
 DB-ALC1

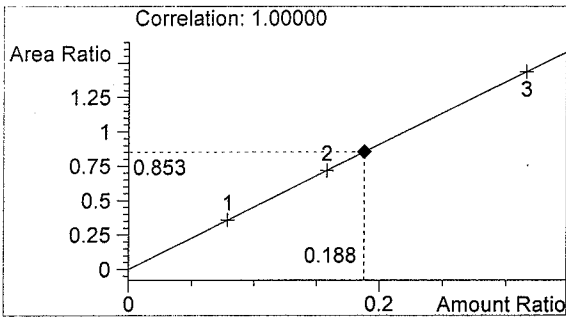
07040-2
 SARAH SWENSON

vial # 23

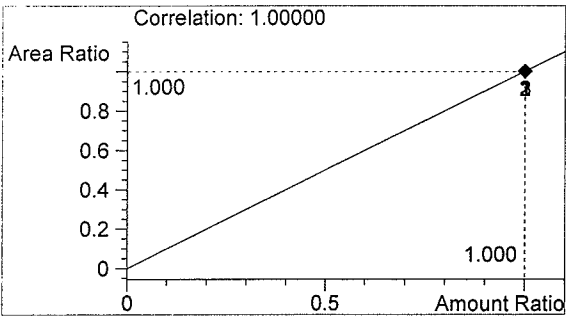


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1235 | 1.009 |
| 2 | n-Propanol | 1448 | 1.666 |

Totals:



Ethanol 0.188 g/100ml



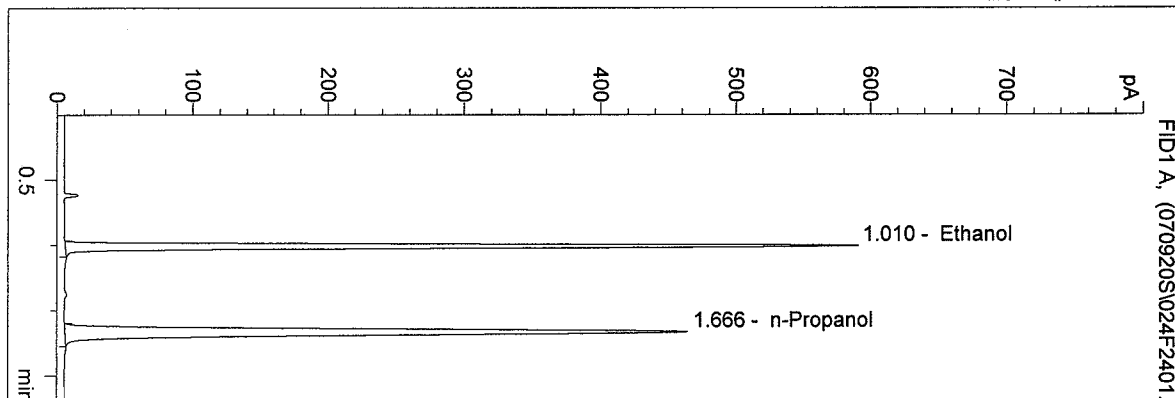
n-Propanol 1.000 g/100ml

SMS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:39:47 PM
 Instrument 4
 DB-ALC1

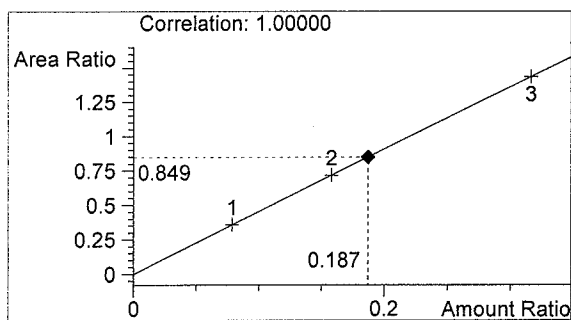
07040-3
 SARAH SWENSON

vial # 24

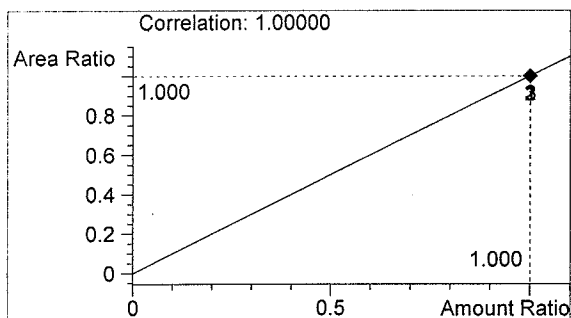


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1233 | 1.010 |
| 2 | n-Propanol | 1452 | 1.666 |

Totals:



Ethanol 0.187 g/100ml



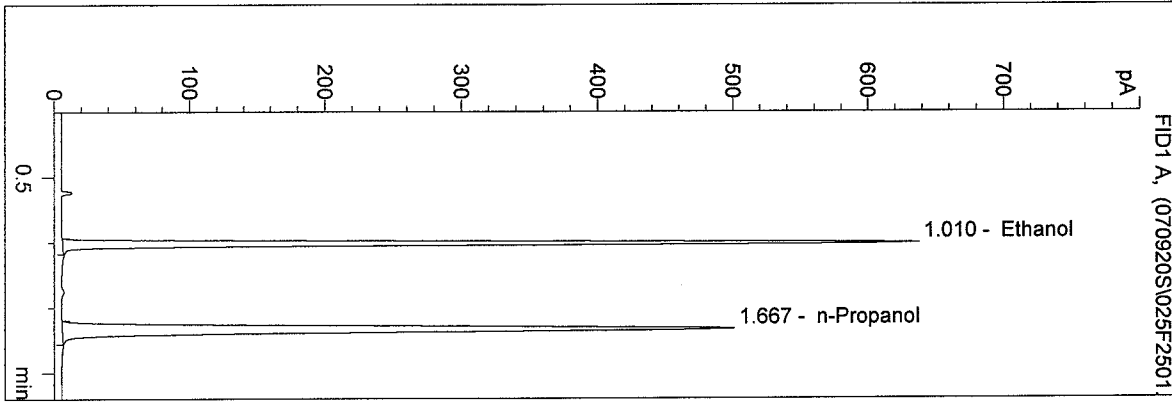
n-Propanol 1.000 g/100ml

SMS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:43:05 PM
 Instrument 4
 DB-ALC1

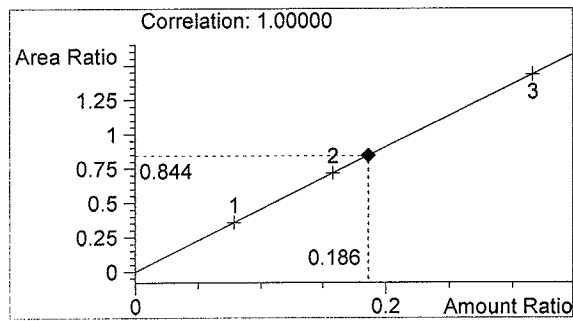
07040-4
 SARAH SWENSON

vial # 25

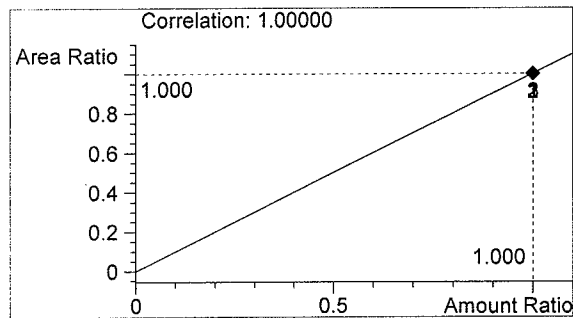


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1321 | 1.010 |
| 2 | n-Propanol | 1565 | 1.667 |

Totals:



Ethanol 0.186 g/100ml



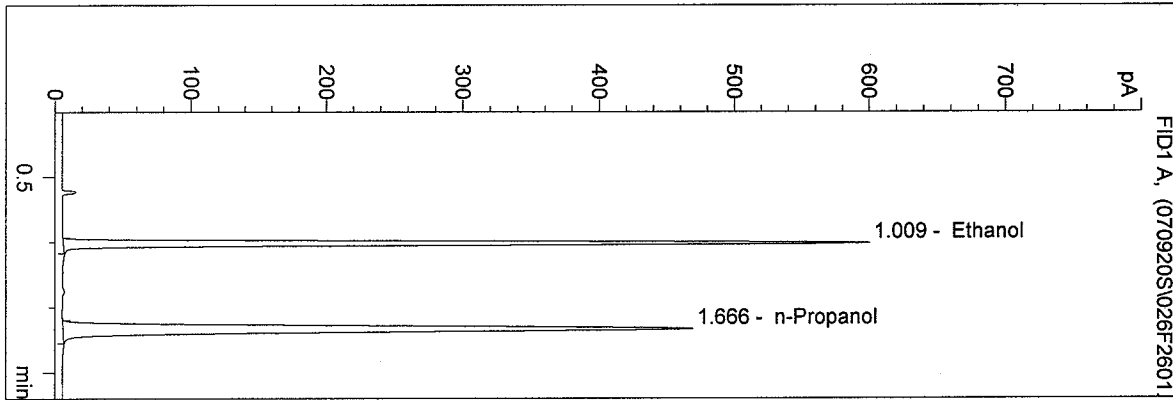
n-Propanol 1.000 g/100ml

SMS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:46:22 PM
 Instrument 4
 DB-ALC1

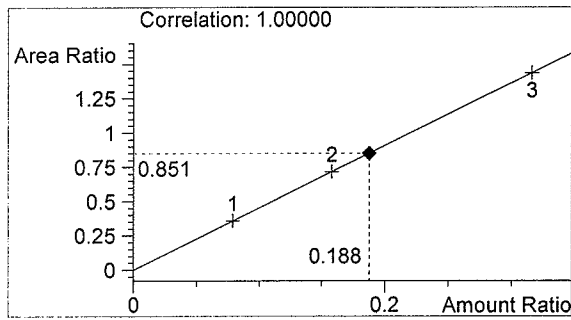
07040-5
 SARAH SWENSON

vial # 26

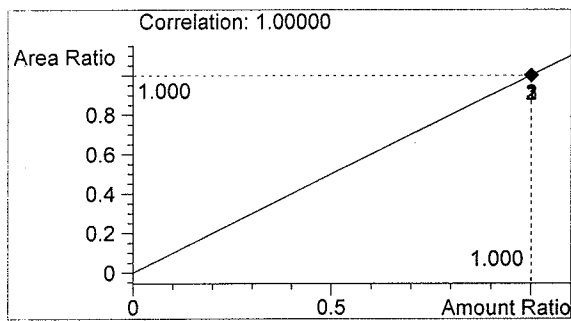


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1246 | 1.009 |
| 2 | n-Propanol | 1465 | 1.666 |

Totals:



Ethanol 0.188 g/100ml



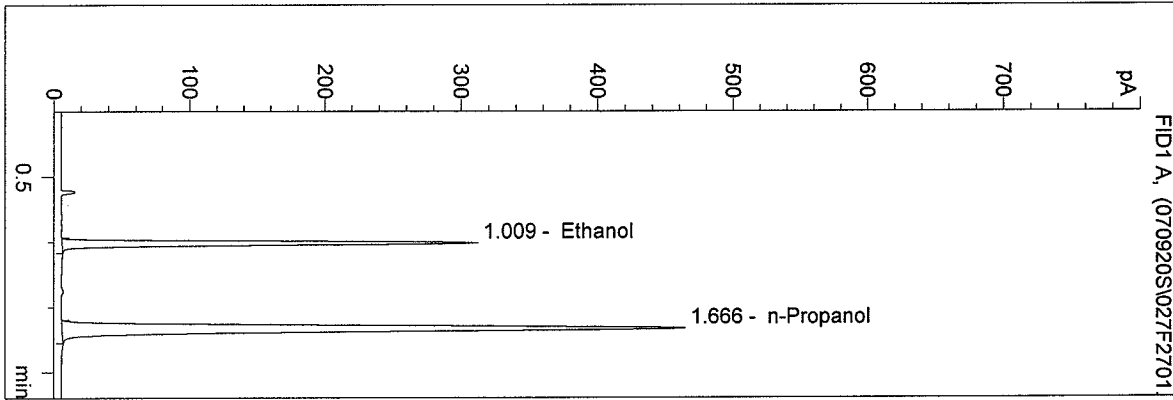
n-Propanol 1.000 g/100ml

SMS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:51:46 PM
 Instrument 4
 DB-ALC1

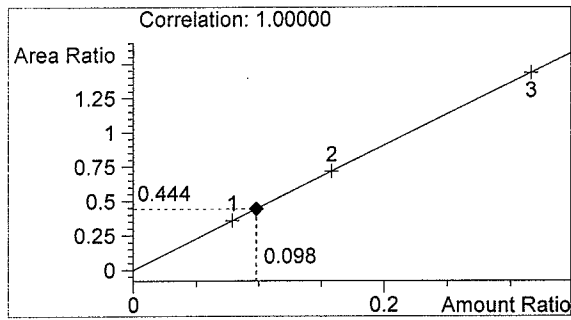
0.10 CTL-SS
 SARAH SWENSON

vial # 27

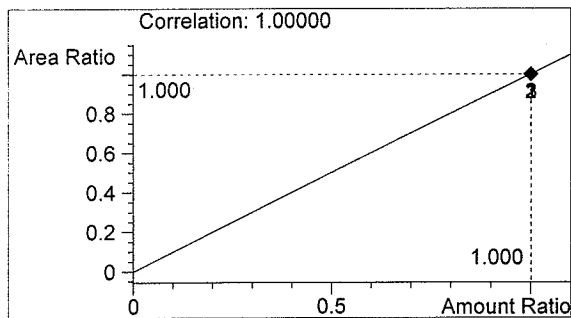


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 645 | 1.009 |
| 2 | n-Propanol | 1452 | 1.666 |

Totals:



Ethanol 0.098 g/100ml



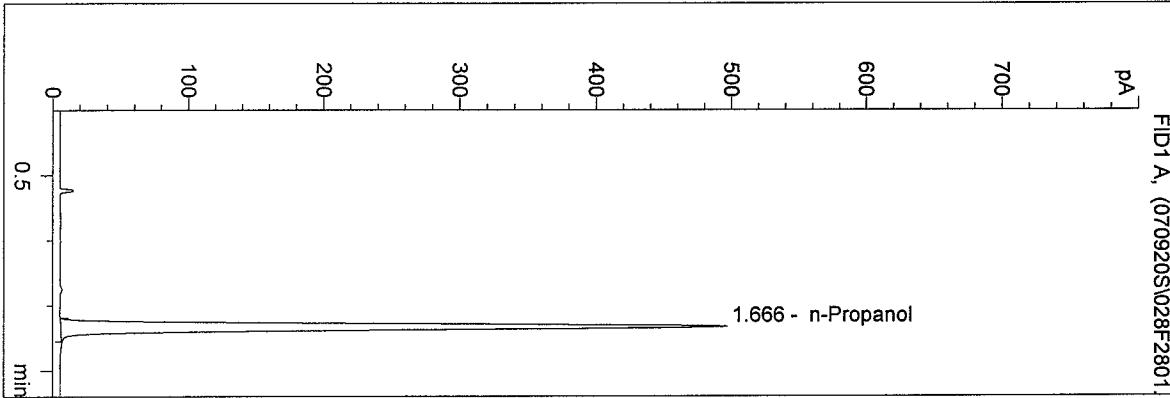
n-Propanol 1.000 g/100ml

SMS
 10/1/07

D:\HPCHEM\1\METHODS\BLDALCO.M
 9/20/2007 4:55:07 PM
 Instrument 4
 DB-ALC1

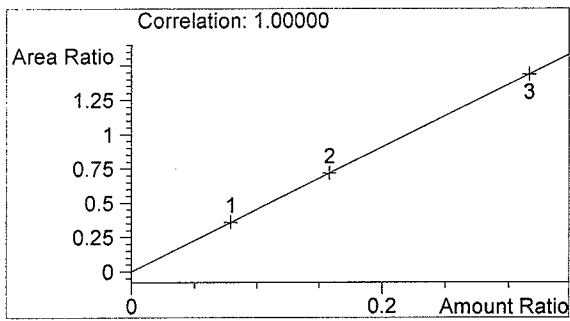
BLANK
 SARAH SWENSON

vial # 28

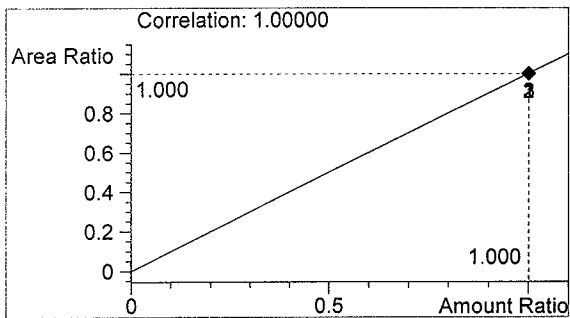


| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1552 | 1.666 |

Totals:



Ethanol 0.000 g/100ml



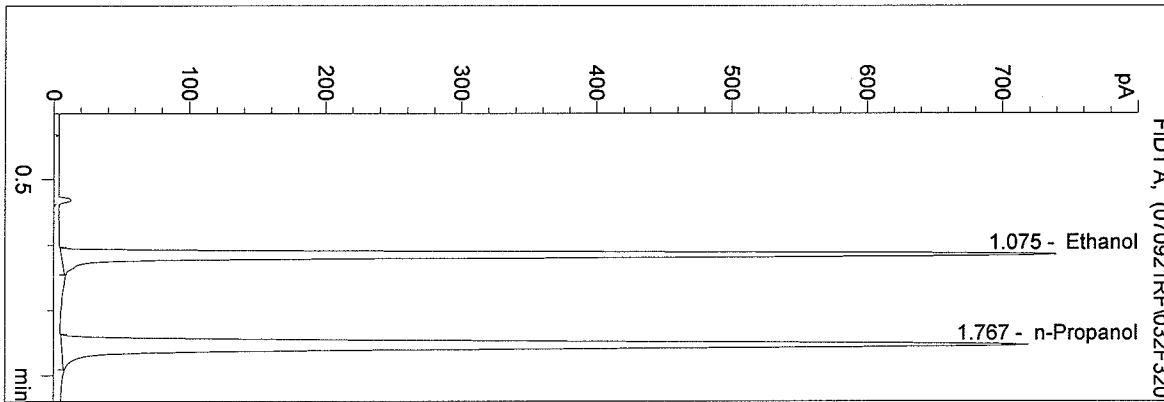
n-Propanol 1.000 g/100ml

SJS
 10/1/07

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 9/21/2007 11:32:10 AM
 Instrument 1
 DB ALC 1

QA07040-1
 R Flaherty

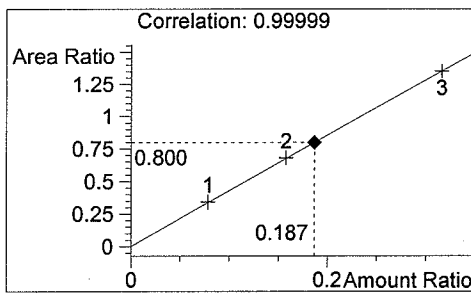
vial # 32



RF
 10/1/07 RF

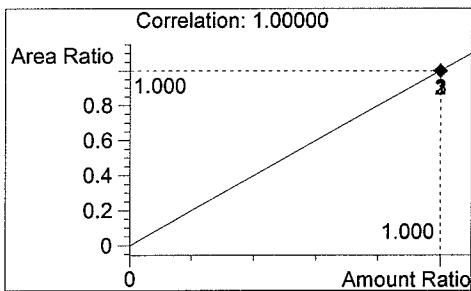
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 2259 | 1.075 |
| 2 | n-Propanol | 2822 | 1.767 |

Tot



Ethanol

0.187 g/100ml



n-Propanol

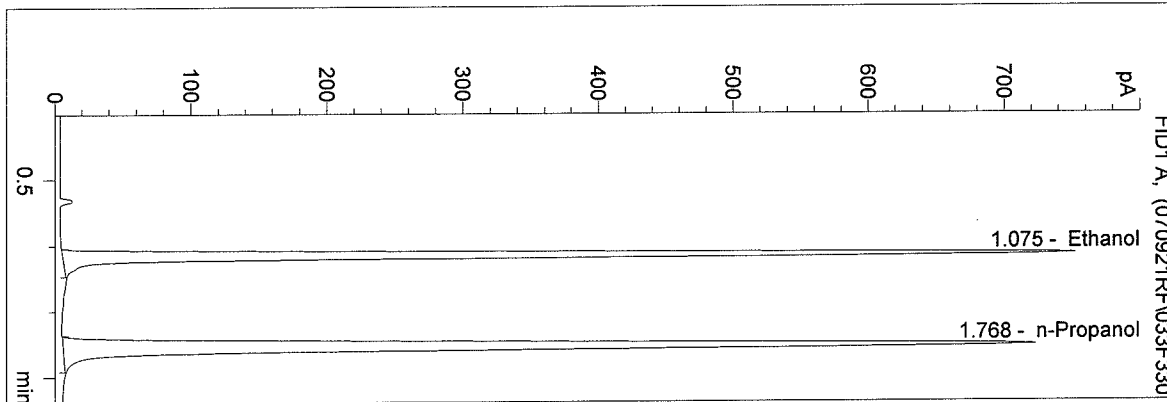
1.000 g/100ml

0.10 control
 Lot # A050528
 EXP 07/2011
 Calibration filed with
 QA 07037
 RF 10/1/07

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/21/2007 11:35:15 AM
 Instrument 1
 DB ALC 1

QA07040-2
 R Flaherty

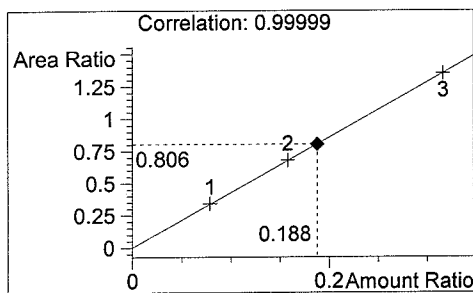
vial # 33



RF
 10/1/07RF

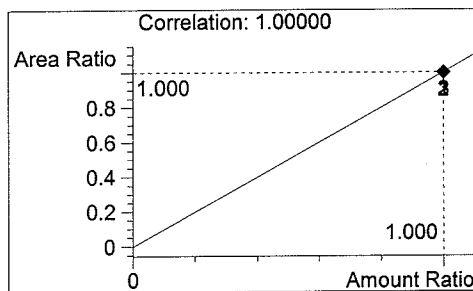
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 2290 | 1.075 |
| 2 | n-Propanol | 2842 | 1.768 |

Tot



Ethanol

0.188 g/100ml



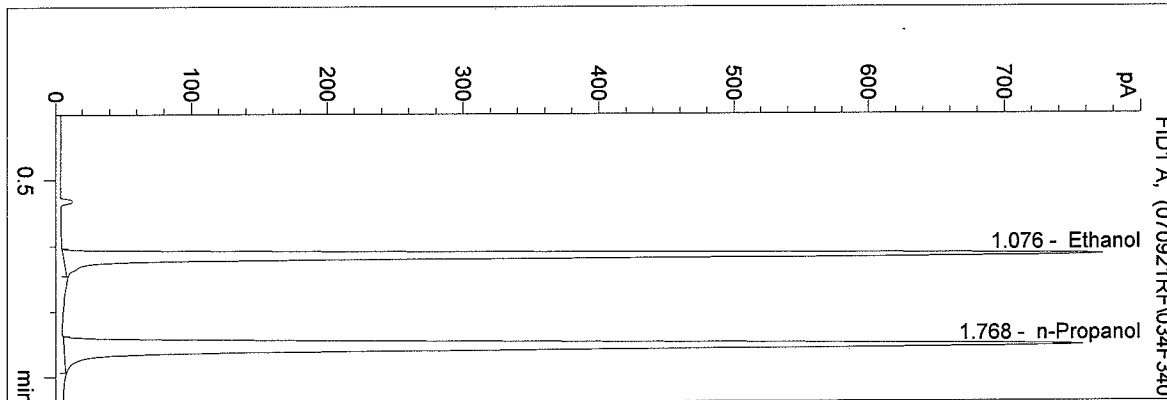
n-Propanol

1.000 g/100ml

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 9/21/2007 11:38:20 AM
 Instrument 1
 DB ALC 1

QA07040-3
 R Flaherty

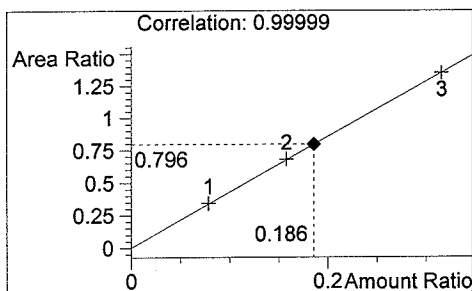
vial # 34



RF
 10/1/07 RF

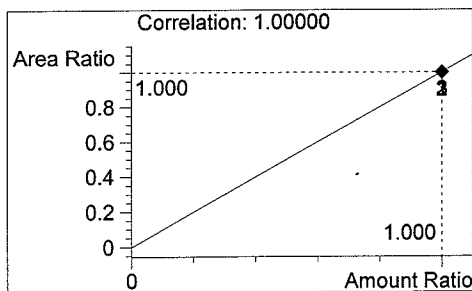
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 2371 | 1.076 |
| 2 | n-Propanol | 2978 | 1.768 |

Tot



Ethanol

0.186 g/100ml



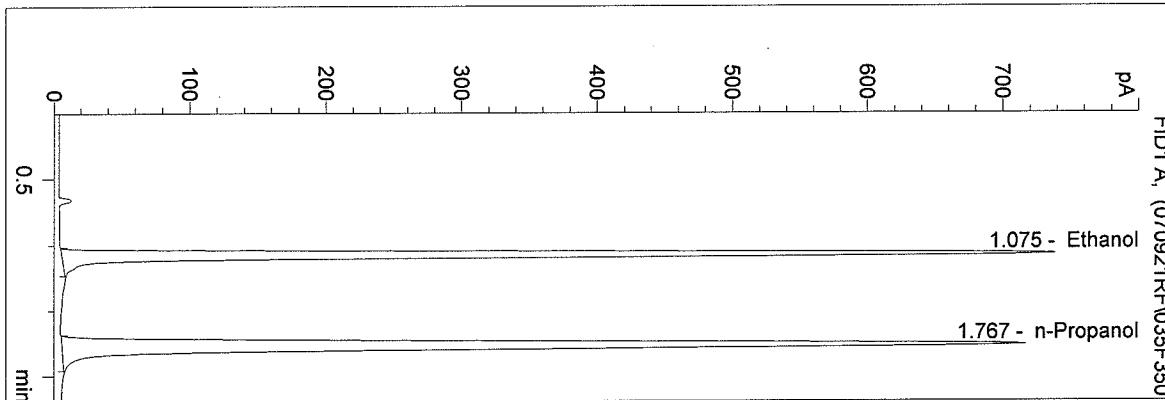
n-Propanol

1.000 g/100ml

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 9/21/2007 11:41:25 AM
 Instrument 1
 DB ALC 1

QA07040-4
 R Flaherty

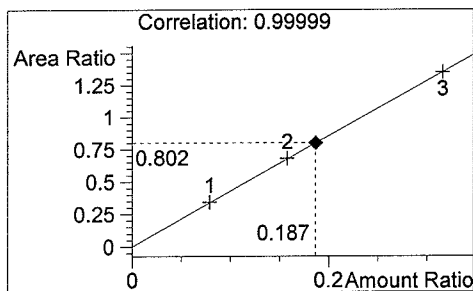
vial # 35



RF
 10/1/07 RF

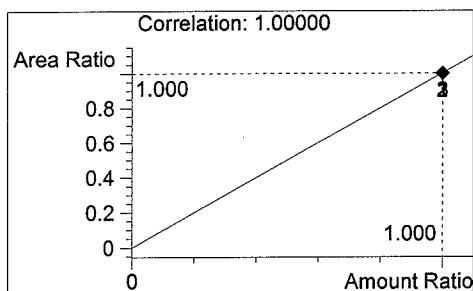
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 2258 | 1.075 |
| 2 | n-Propanol | 2815 | 1.767 |

Tot



Ethanol

0.187 g/100ml



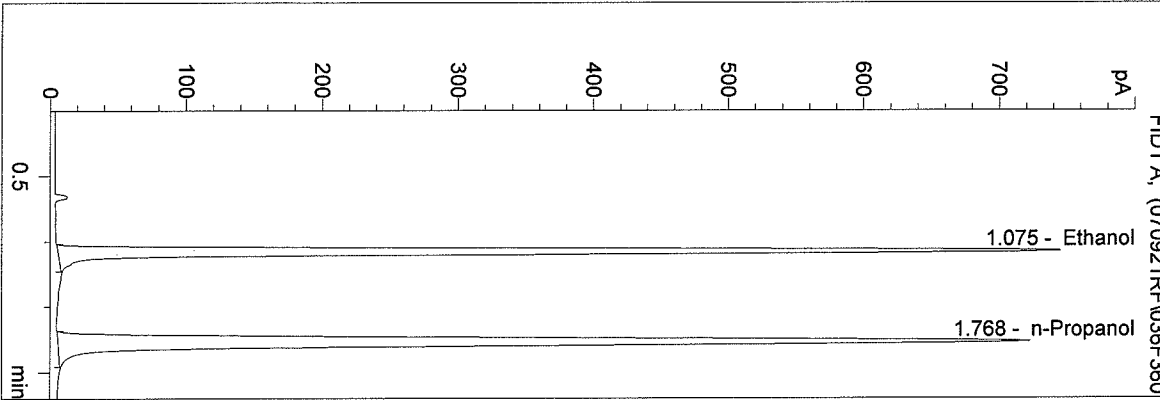
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/21/2007 11:44:29 AM
 Instrument 1
 DB ALC 1

QA07040-5
 R Flaherty

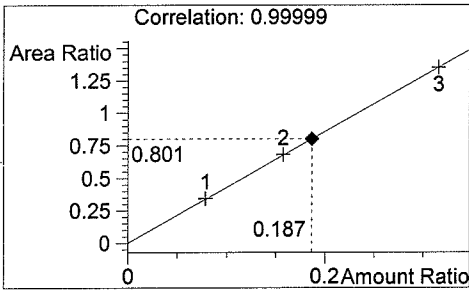
vial # 36



RF
 10/1/07 RF

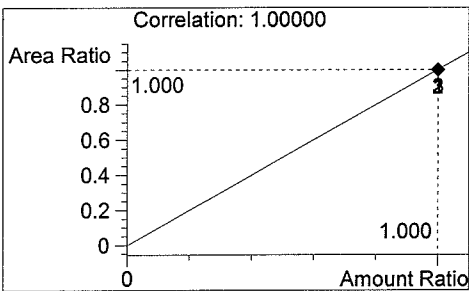
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 2278 | 1.075 |
| 2 | n-Propanol | 2842 | 1.768 |

Tot



Ethanol

0.187 g/100ml



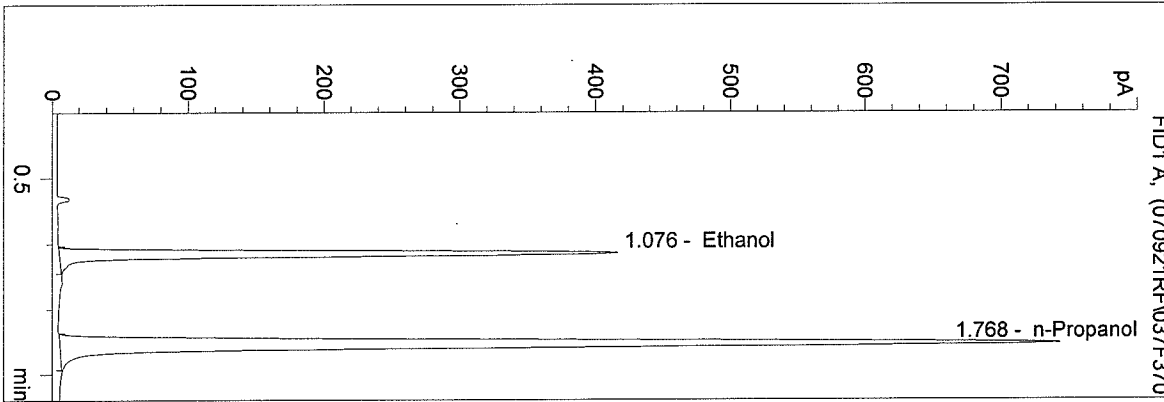
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/21/2007 11:47:34 AM
 Instrument 1
 DB ALC 1

0.100 Control RF
 R Flaherty

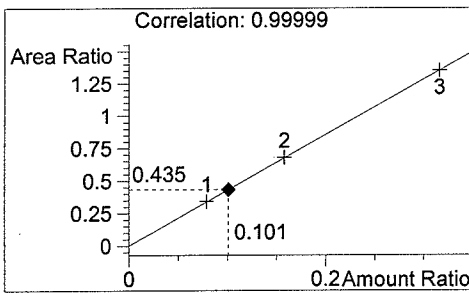
vial # 37



RF
 10/1/07 RF

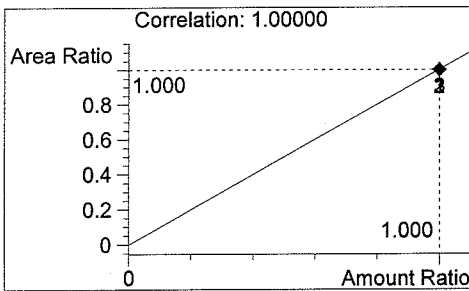
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 1271 | 1.076 |
| 2 | n-Propanol | 2922 | 1.768 |

Tot



Ethanol

0.101 g/100ml



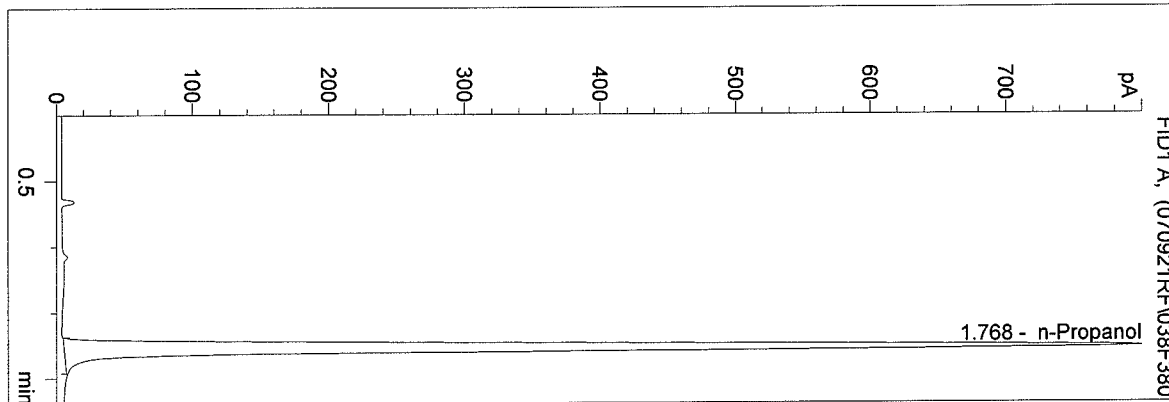
n-Propanol

1.000 g/100ml

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 9/21/2007 11:50:39 AM
 Instrument 1
 DB ALC 1

blank
 R Flaherty

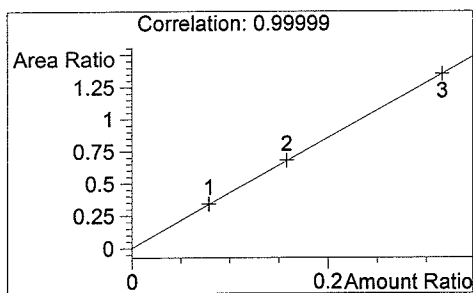
vial # 38



RF

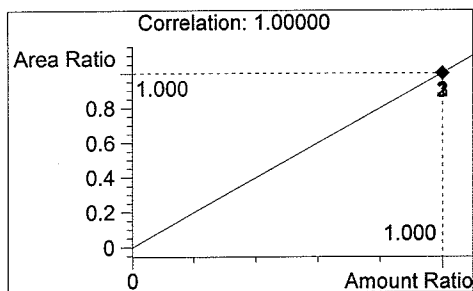
| # | Compound | Area | RT |
|---|------------|------|-------|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 3156 | 1.768 |

Tot



Ethanol

0.000 g/100ml



n-Propanol

1.000 g/100ml