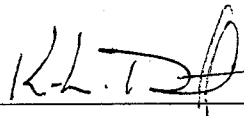


Notice of Simulator Solution File Review

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.

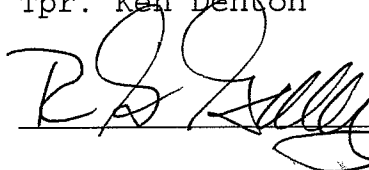
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.



10/15/2007

Tpr. Ken Denton

Date



10-15-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory
Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROD GULBERG Date 10-10-07
Location TOX LAB SEATTLE Batch Number 05007

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: EXTRA CHROMATOGRAMS IN FILE
FOR MARSHALL. NOT USED IN DATA CALL.

Comments:

Reviewer Signature: [Signature] Date: 10-10-07

Reviewer Signature: [Signature] Date: 10/10/2007

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 **05007**

Date: 1/19/2005

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
1	0.099	0.100	0.101									
2	0.099	0.099	0.100									
3	0.099	0.100	0.100									
4	0.099	0.100	0.099									
5	0.099	0.099	0.100									
Ctrl	0.100	0.100	0.100									

External Control:

Lot #: A028603 Exp date: 12/07

Target concentration: 0.10 g/100mL

Statistics:

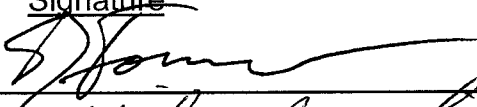
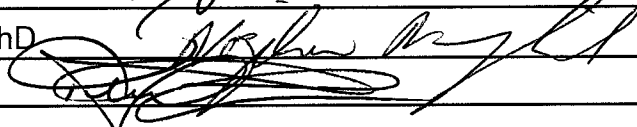

Avg. solution concent.: 0.0995 g/100 mL

SD: 0.00064

Range (3xSD): 0.0976 to 0.1014

Precision CV (%): 0.6432 %

Equivalent vapor concent.: 0.0809 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso		01/19/2005
2	Naziha Nuwayhid, PhD		01/24/2005
3	Kelly D. Gross		01/25/2005
4			
5			
6			
7			
8			
9			
10			
11			
12			

Prepared by: Edward Formoso 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, 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 05007, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0995 grams per 100ml.

Dated: 1/26/05
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/la
EFQA





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, Naziha Nuwayhid, 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 and Masters degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and three years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

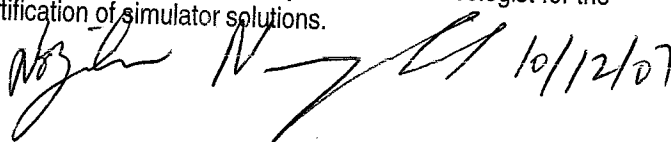
The quality assurance solution, Lot Number 05007, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1283 grams per 100ml.

Dated: 1/26/05
Seattle, WA


Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/la
NNQA

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.

 10/12/07





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, 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 05007, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0995 grams per 100ml.

Dated: 1/26/05
Seattle, WA

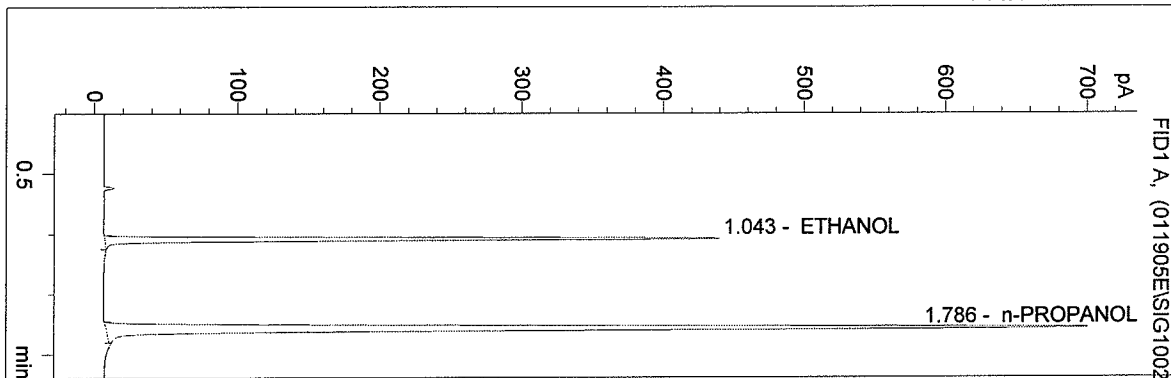
Kelly D. Gross
Forensic Toxicologist

KDG/la
KDGQA

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/19/05 3:18:58 PM
 Instrument 3
 DB-ALC2

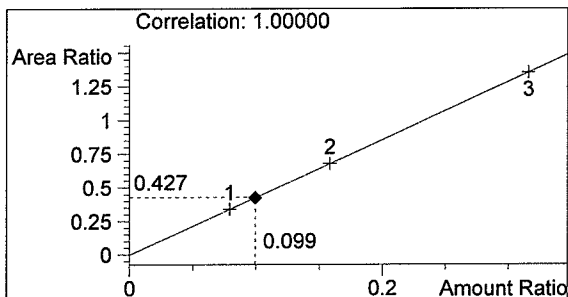
05007 EF
 SIMULATOR SOLUTION

vial # 21

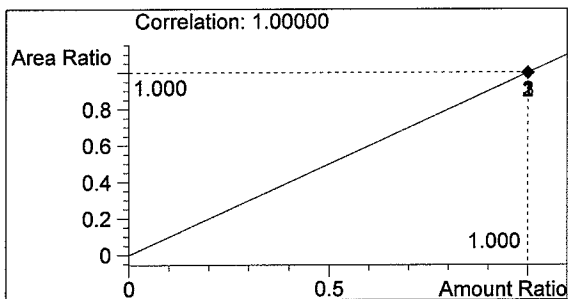


#	Compound	Area	RT
1	ETHANOL	768	1.043
2	n-PROPANOL	1800	1.786

Totals:



ETHANOL 0.099 g/100mL

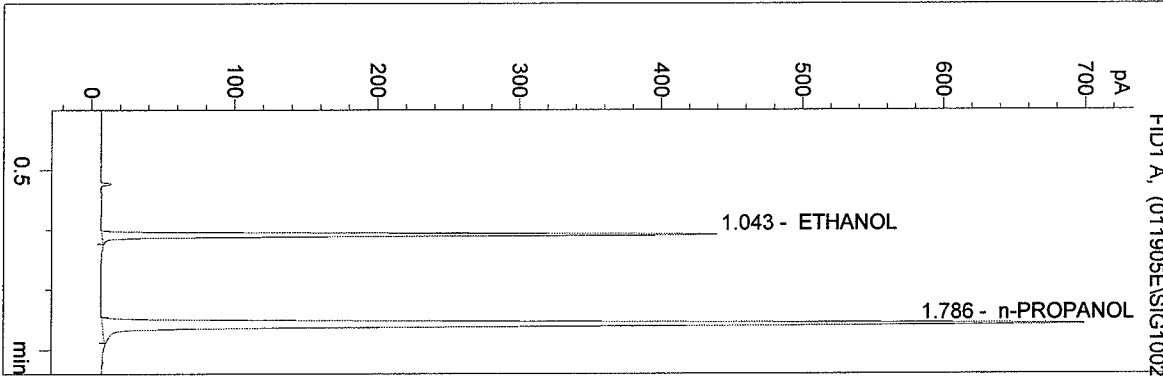


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/19/05 3:22:03 PM
 Instrument 3
 DB-ALC2

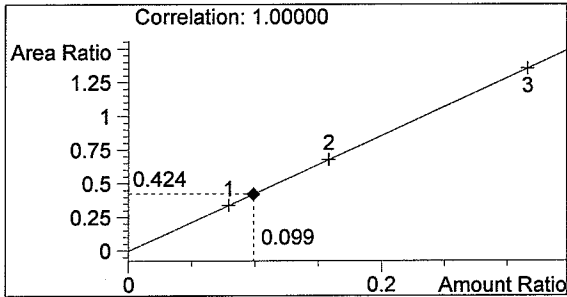
05007 EF
 SIMULATOR SOLUTION

vial # 22

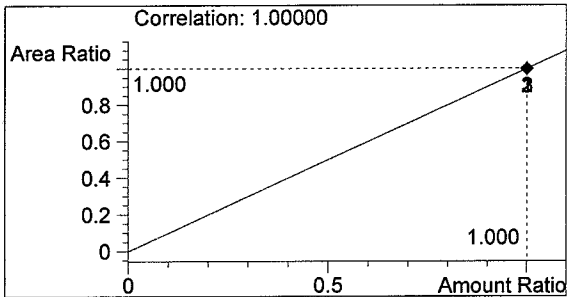


#	Compound	Area	RT
1	ETHANOL	769	1.043
2	n-PROPANOL	1814	1.786

Totals:



ETHANOL 0.099 g/100mL

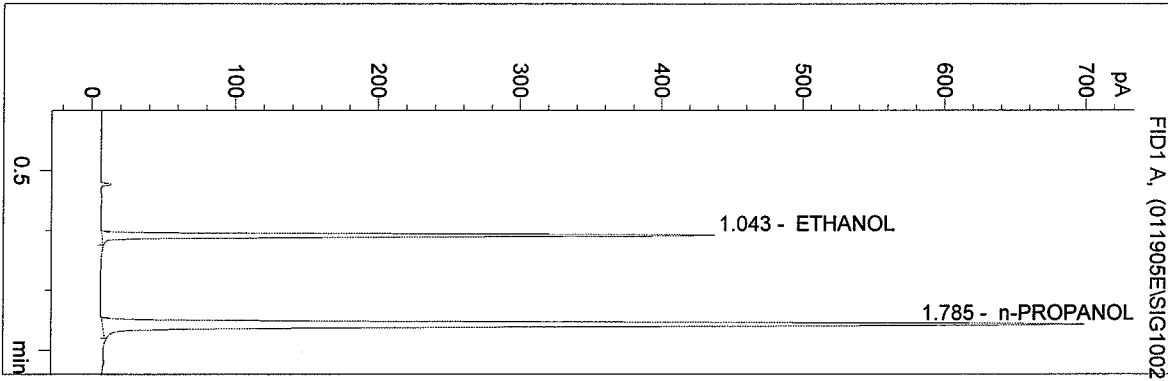


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/19/05 3:25:07 PM
 Instrument 3
 DB-ALC2

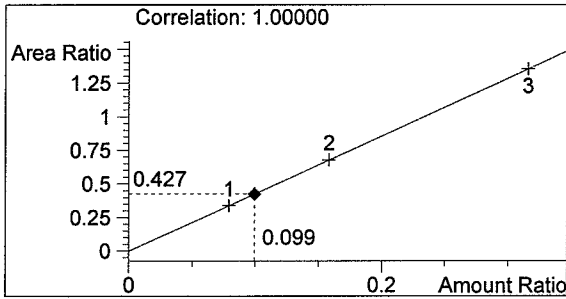
05007 EF
 SIMULATOR SOLUTION

vial # 23

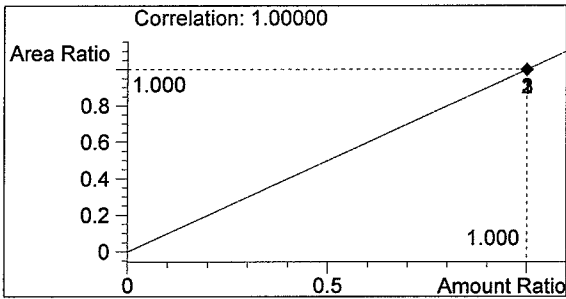


#	Compound	Area	RT
1	ETHANOL	767	1.043
2	n-PROPANOL	1796	1.785

Totals:



ETHANOL 0.099 g/100mL

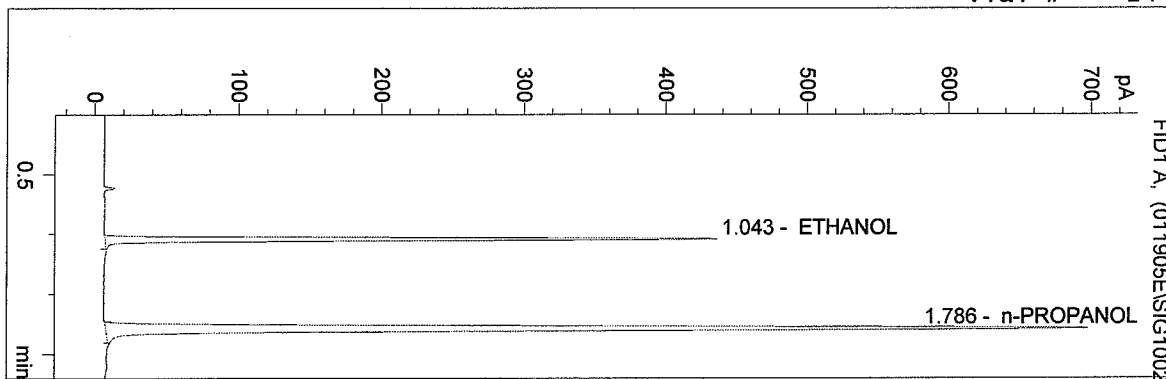


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/19/05 3:28:11 PM
 Instrument 3
 DB-ALC2

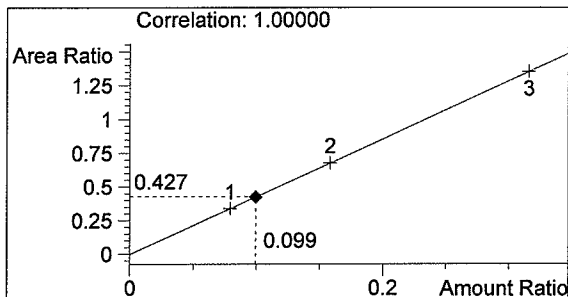
05007 EF
 SIMULATOR SOLUTION

vial # 24

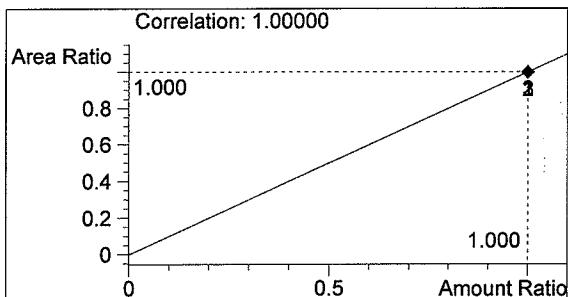


#	Compound	Area	RT
1	ETHANOL	768	1.043
2	n-PROPANOL	1799	1.786

Totals:



ETHANOL 0.099 g/100mL

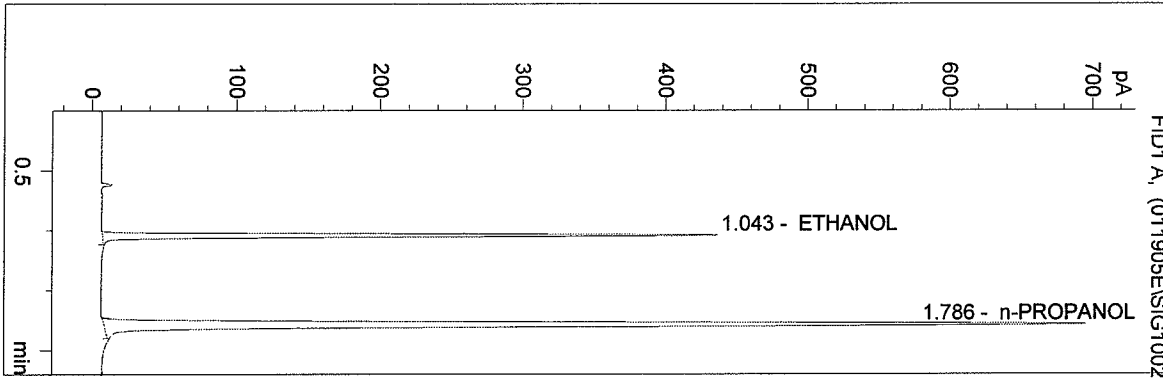


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/19/05 3:31:26 PM
 Instrument 3
 DB-ALC2

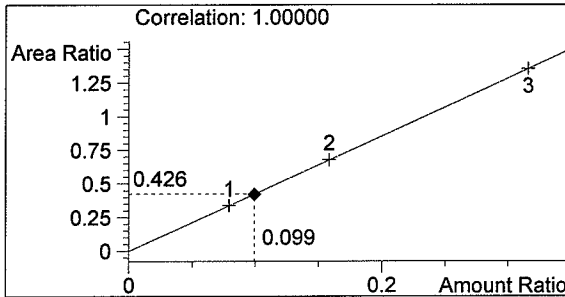
05007 EF
 SIMULATOR SOLUTION

vial # 25

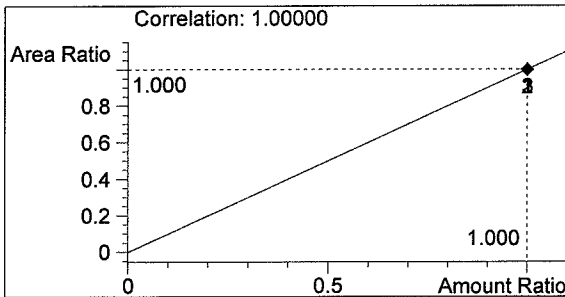


#	Compound	Area	RT
1	ETHANOL	761	1.043
2	n-PROPANOL	1784	1.786

Totals:



ETHANOL 0.099 g/100mL

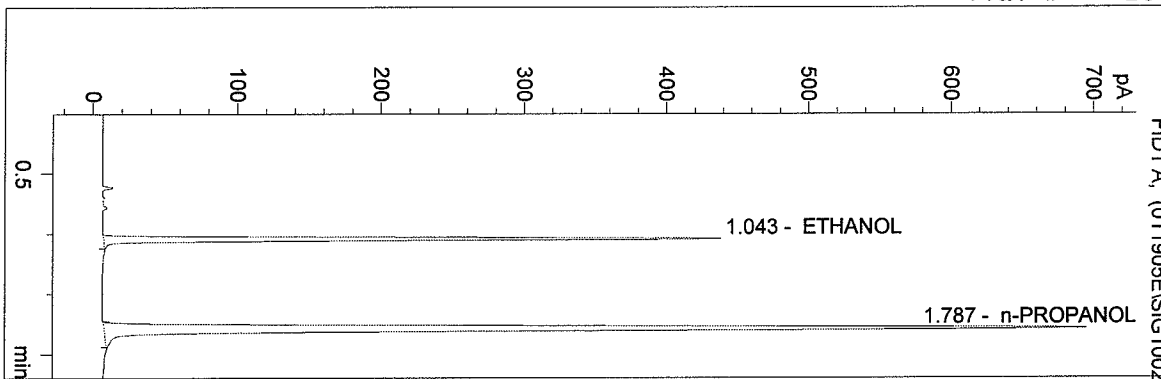


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/19/05 3:34:31 PM
 Instrument 3
 DB-ALC2

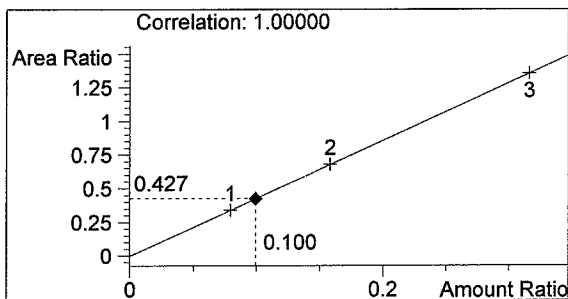
0.10 CONT EF
 SIMULATOR SOLUTION

vial # 26

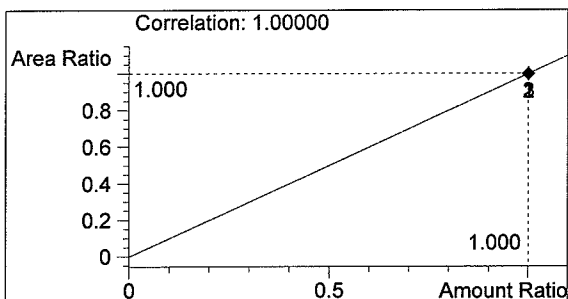


#	Compound	Area	RT
1	ETHANOL	770	1.043
2	n-PROPANOL	1802	1.787

Totals:



ETHANOL 0.100 g/100mL

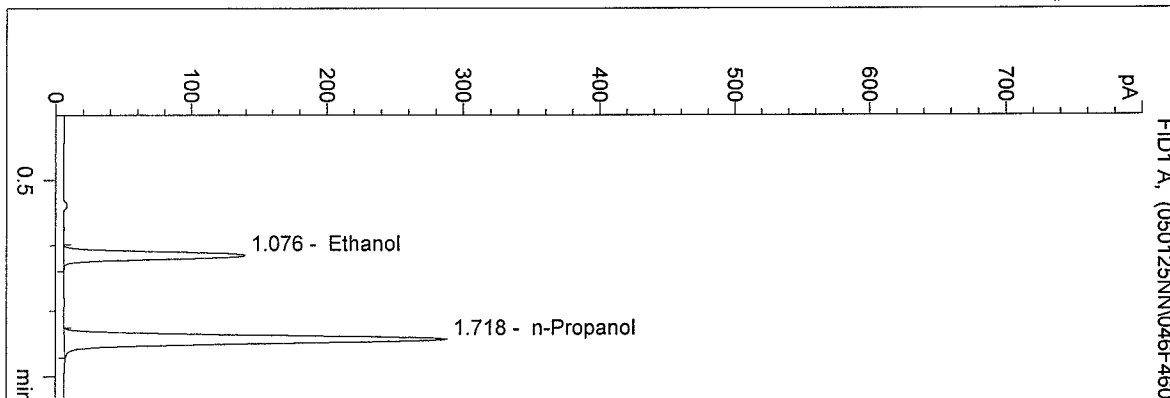


n-PROPANOL 1.000 g/100mL

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/24/2005 6:18:30 PM
 Instrument 4
 DB-ALC1

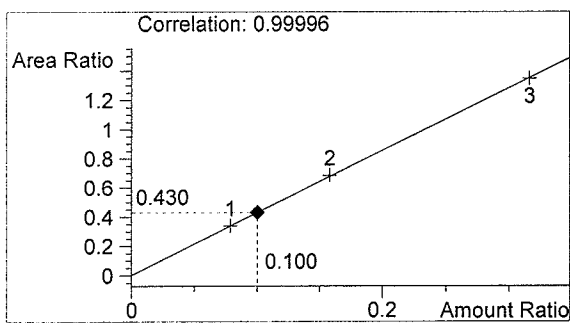
05007 QA-1
 N Nuwayhid, PhD

vial # 46

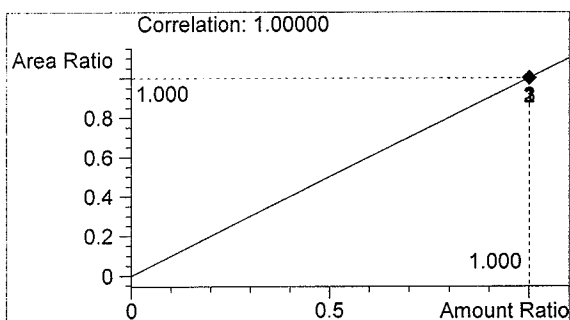


#	Compound	Area	RT
1	Ethanol	512	1.076
2	n-Propanol	1190	1.718

Totals:



Ethanol 0.100 g/100ml

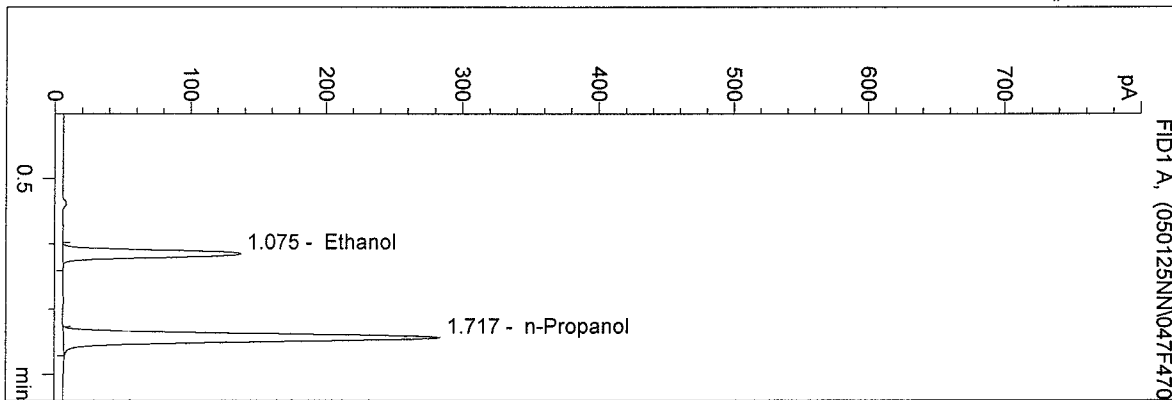


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/24/2005 6:21:38 PM
 Instrument 4
 DB-ALC1

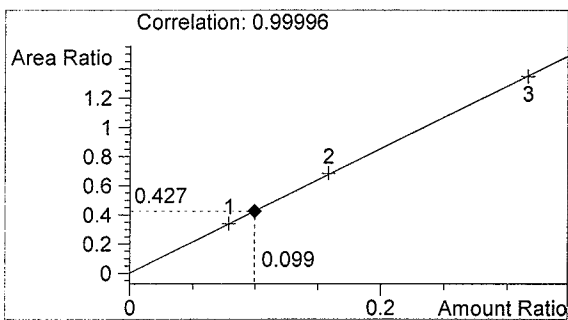
05007 QA-2
 N Nuwayhid, PhD

vial # 47

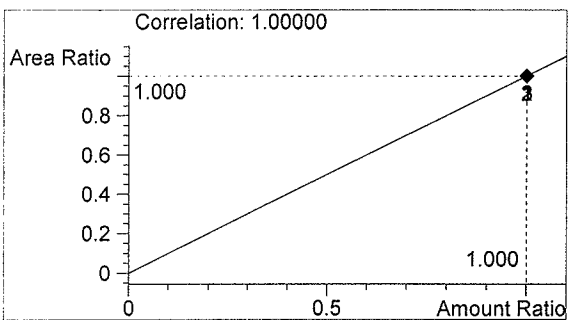


#	Compound	Area	RT
1	Ethanol	496	1.075
2	n-Propanol	1160	1.717

Totals:



Ethanol 0.099 g/100ml

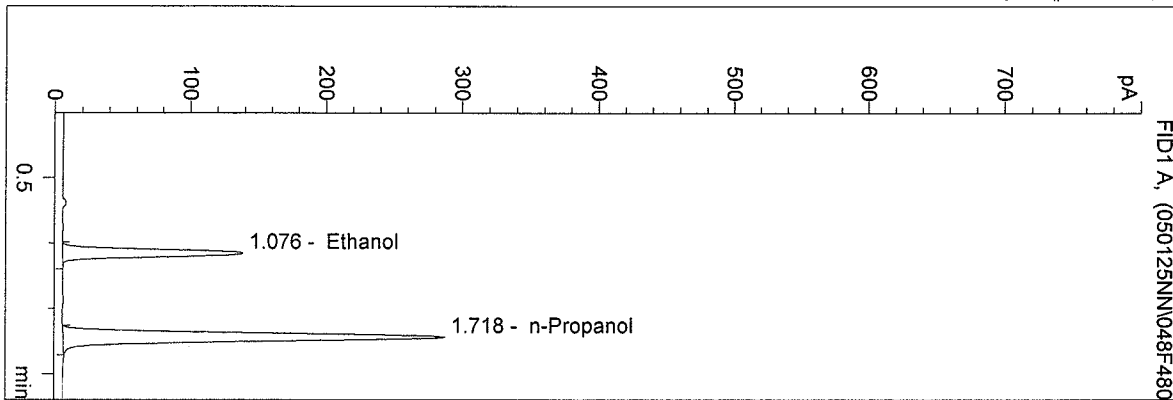


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/24/2005 6:24:55 PM
 Instrument 4
 DB-ALC1

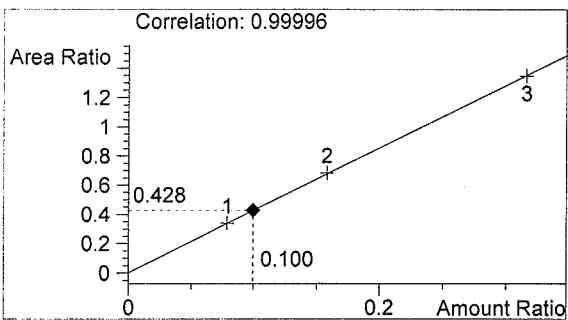
05007 QA-3
 N Nuwayhid, PhD

vial # 48

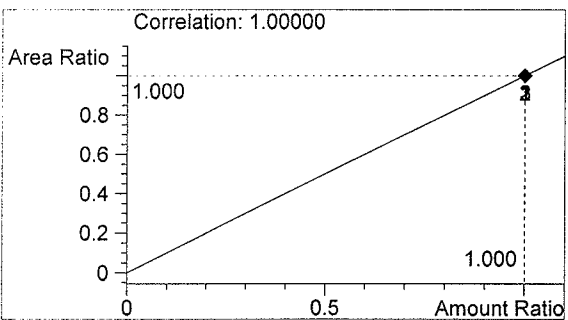


#	Compound	Area	RT
1	Ethanol	504	1.076
2	n-Propanol	1178	1.718

Totals:



Ethanol 0.100 g/100ml

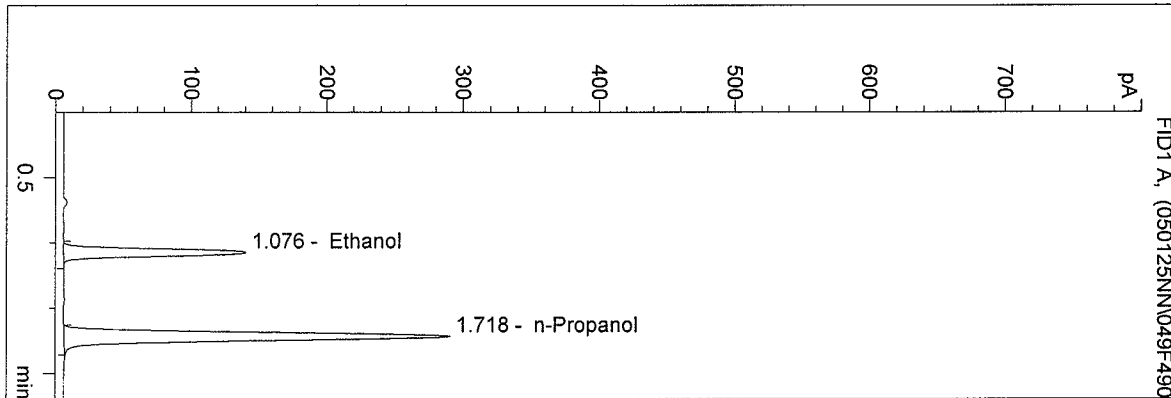


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/24/2005 6:28:07 PM
 Instrument 4
 DB-ALC1

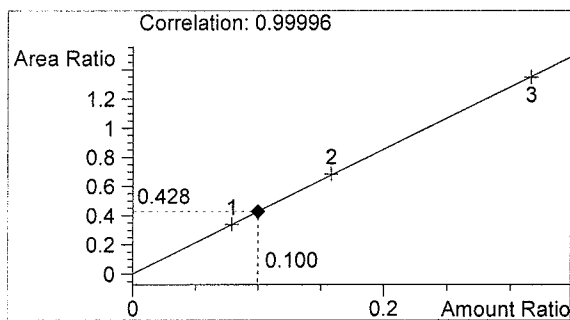
05007 QA-4
 N Nuwayhid, PhD

vial # 49

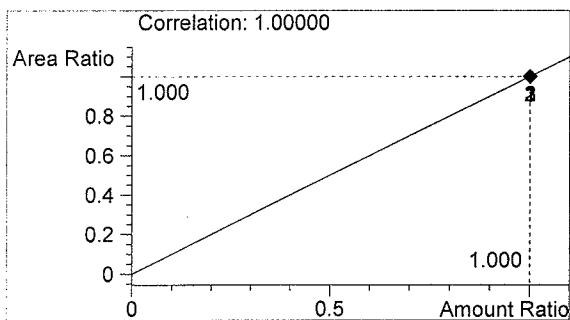


#	Compound	Area	RT
1	Ethanol	508	1.076
2	n-Propanol	1186	1.718

Totals:



Ethanol 0.100 g/100ml

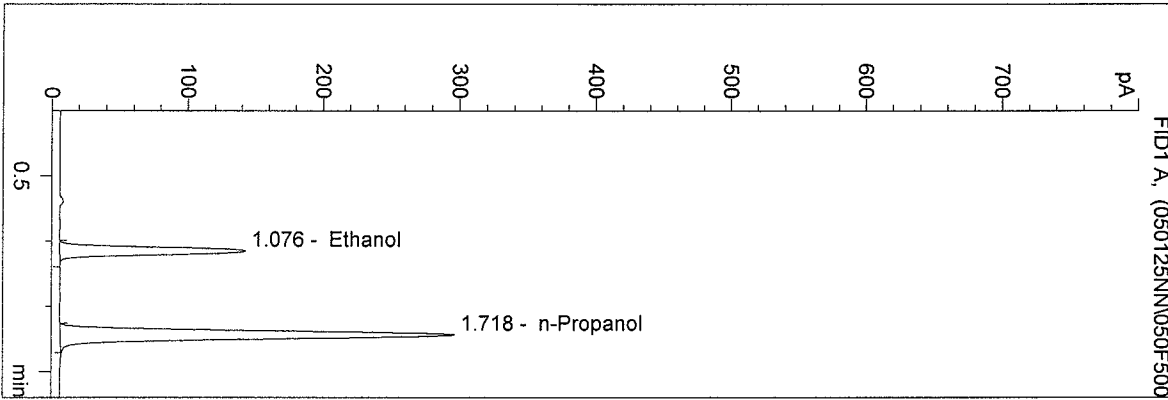


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/24/2005 6:31:18 PM
 Instrument 4
 DB-ALC1

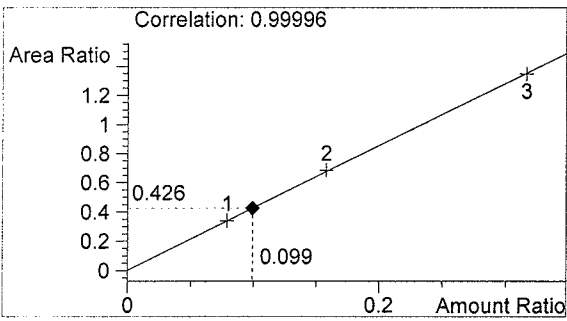
05007 QA-5
 N Nuwayhid, PhD

vial # 50

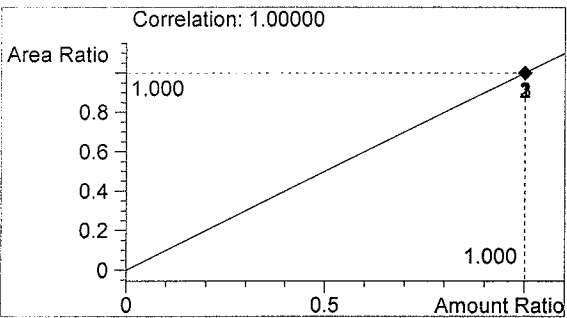


#	Compound	Area	RT
1	Ethanol	517	1.076
2	n-Propanol	1212	1.718

Totals:



Ethanol 0.099 g/100ml

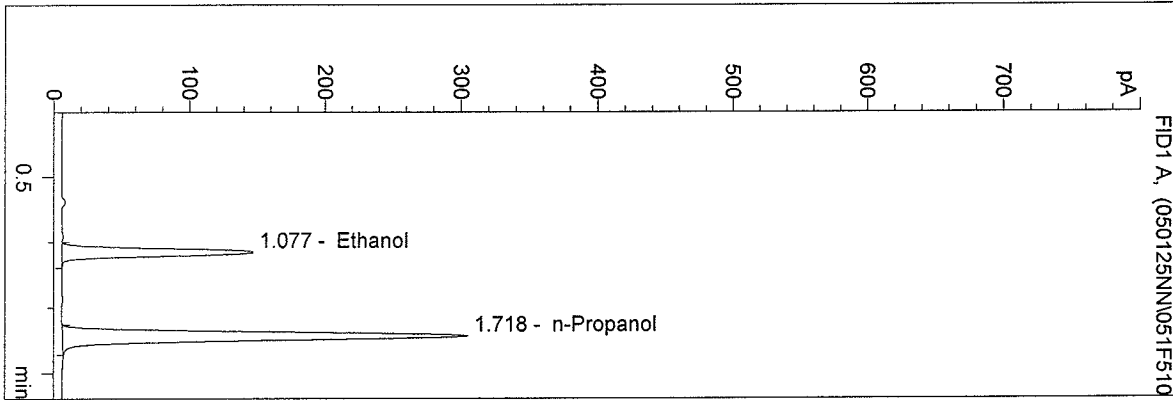


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 1/24/2005 6:34:26 PM
 Instrument 4
 DB-ALC1

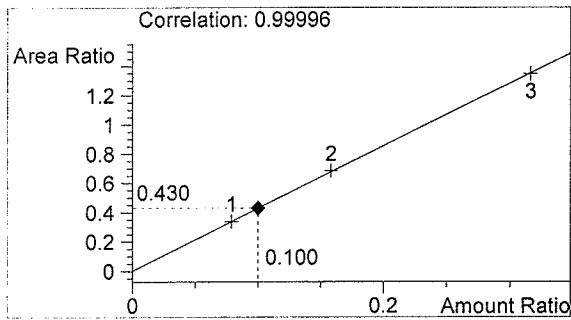
0.01 Ctrl-NN
 N Nuwayhid, PhD

vial # 51

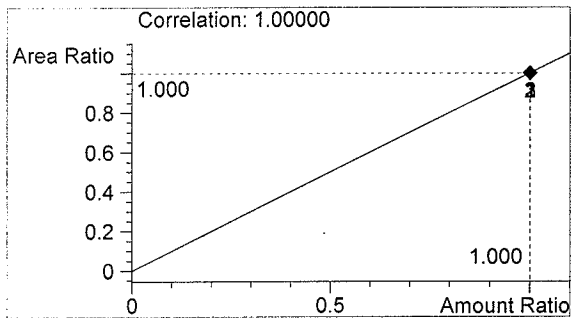


#	Compound	Area	RT
1	Ethanol	542	1.077
2	n-Propanol	1263	1.718

Totals:



Ethanol 0.100 g/100ml

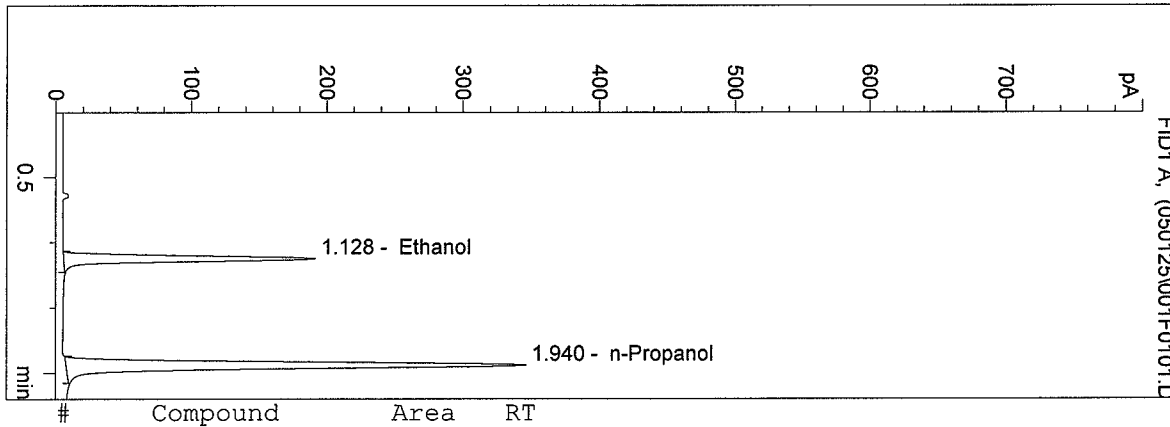


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/25/2005 1:09:39 PM
 Instrument 5
 DB-ALC2

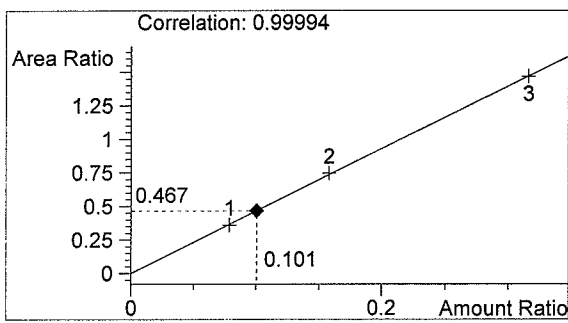
05007
 kgross

vial # 1

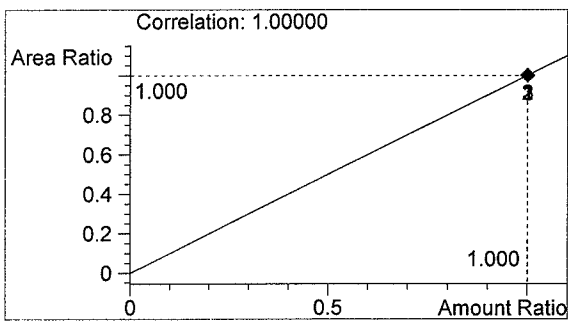


#	Compound	Area	RT
1	Ethanol	548	1.128
2	n-Propanol	1174	1.940

Totals:



Ethanol 0.101 g/100ml

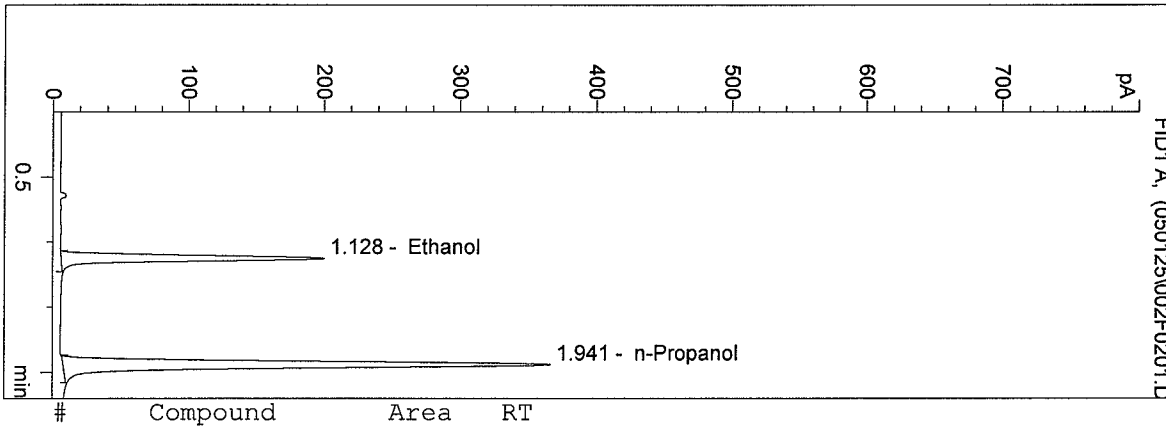


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/25/2005 1:12:31 PM
 Instrument 5
 DB-ALC2

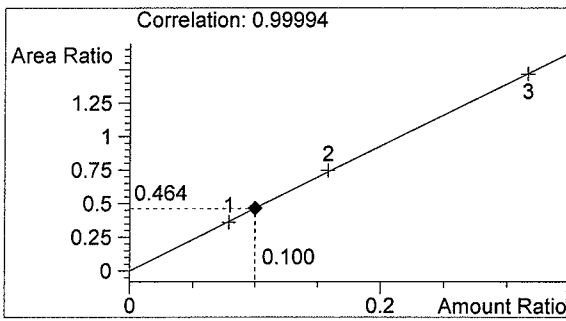
05007
 kgross

vial # 2

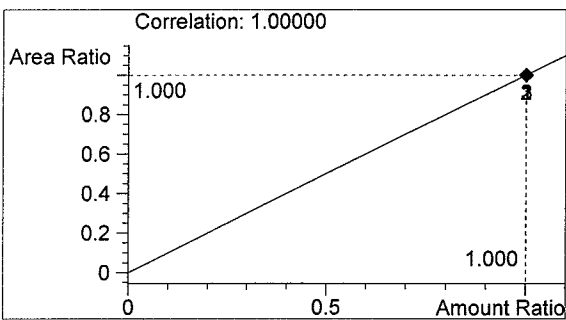


#	Compound	Area	RT
1	Ethanol	581	1.128
2	n-Propanol	1251	1.941

Totals:



Ethanol 0.100 g/100ml

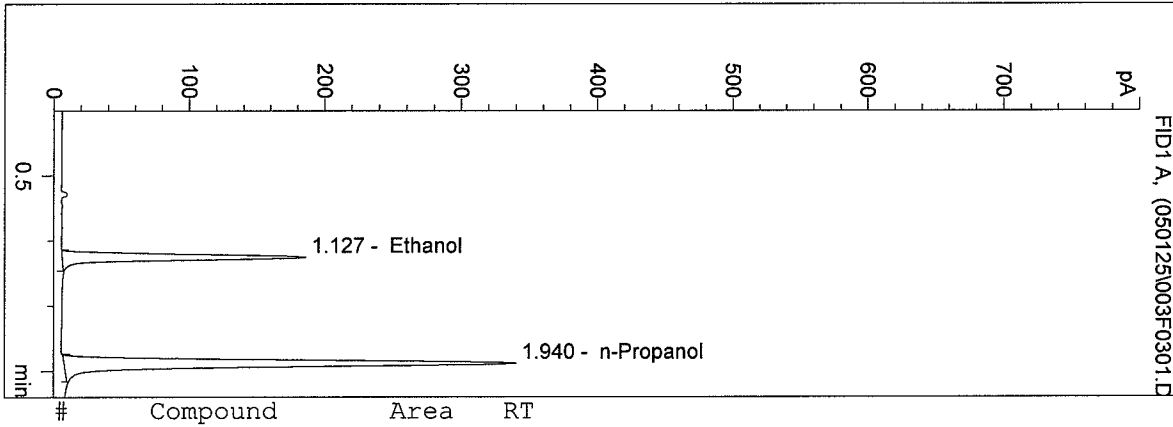


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/25/2005 1:15:18 PM
 Instrument 5
 DB-ALC2

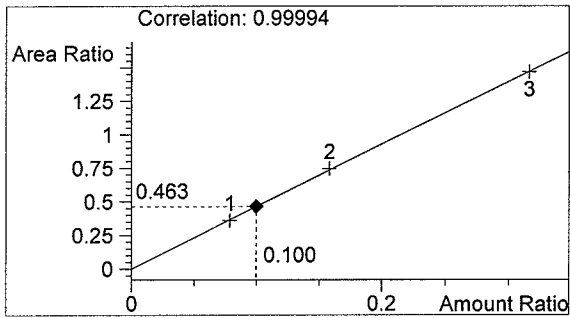
05007
 kgross

vial # 3

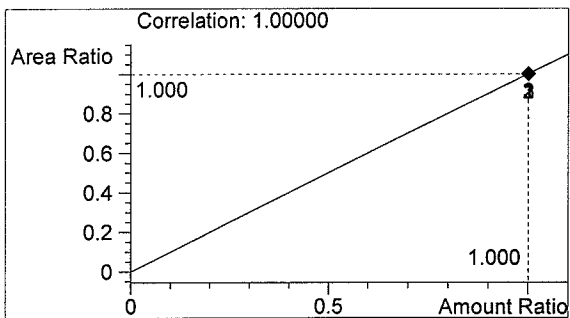


#	Compound	Area	RT
1	Ethanol	537	1.127
2	n-Propanol	1159	1.940

Totals:



Ethanol 0.100 g/100ml

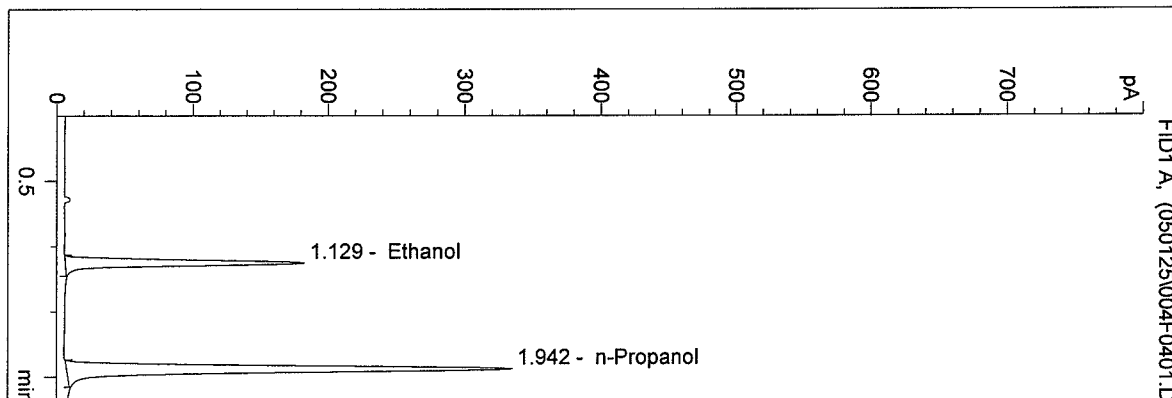


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/25/2005 1:18:04 PM
 Instrument 5
 DB-ALC2

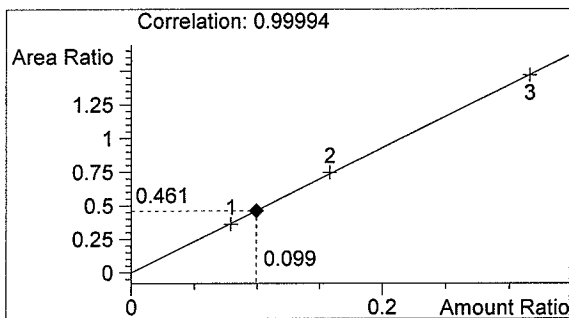
05007
 kgross

vial # 4

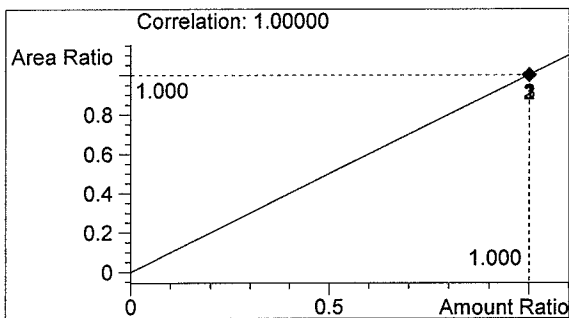


#	Compound	Area	RT
1	Ethanol	528	1.129
2	n-Propanol	1146	1.942

Totals:



Ethanol 0.099 g/100ml

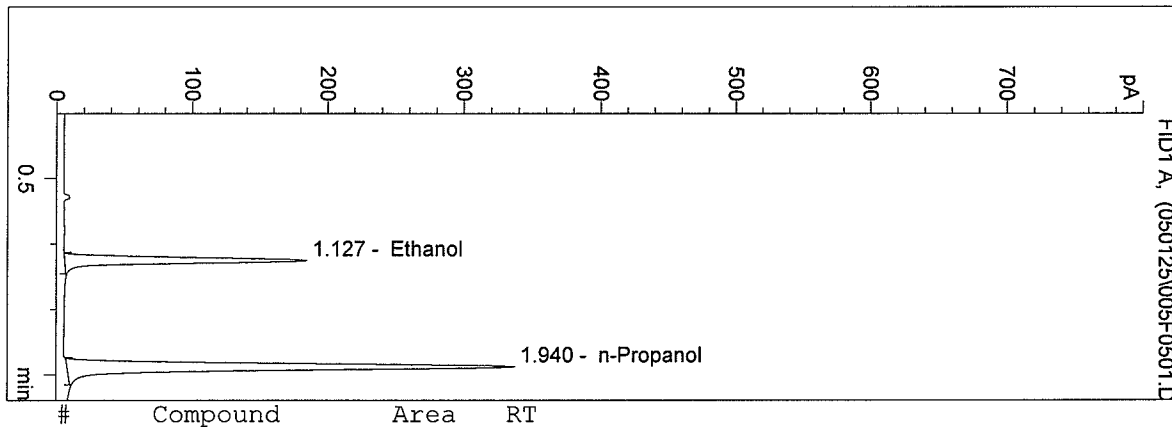


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/25/2005 1:21:31 PM
 Instrument 5
 DB-ALC2

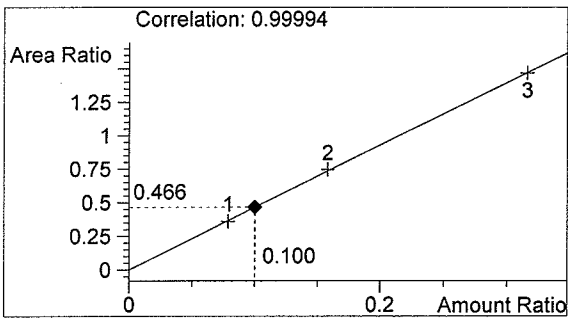
05007
 kgross

vial # 5

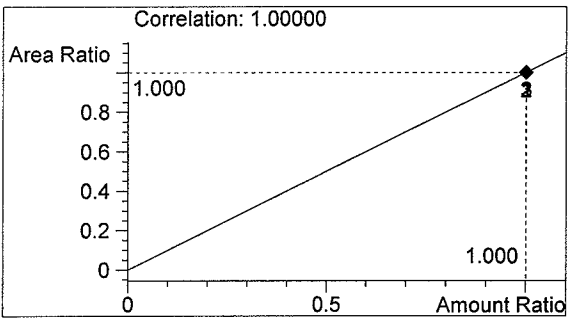


#	Compound	Area	RT
1	Ethanol	536	1.127
2	n-Propanol	1151	1.940

Totals:



Ethanol 0.100 g/100ml

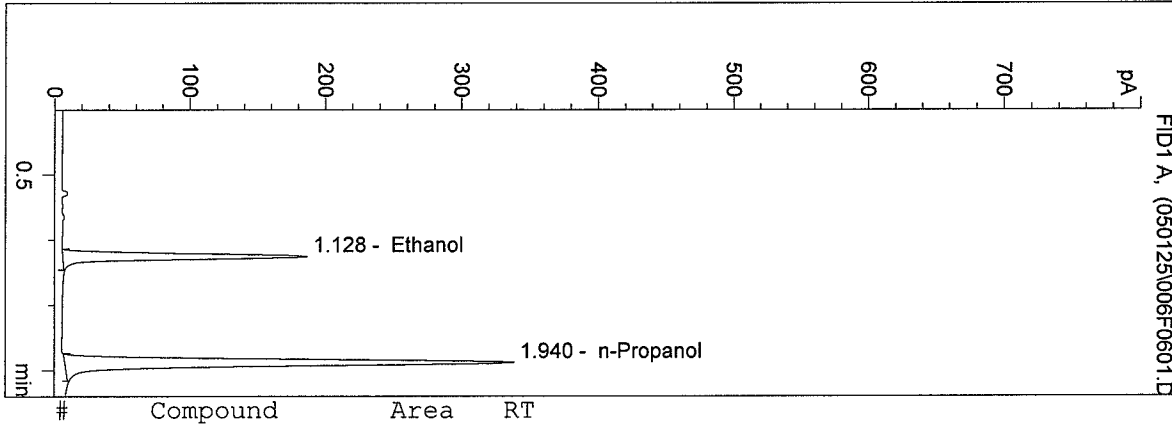


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/25/2005 1:24:30 PM
 Instrument 5
 DB-ALC2

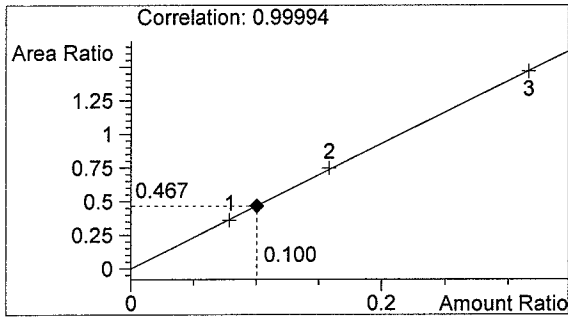
0.10 CTL
 kgross

vial # 6

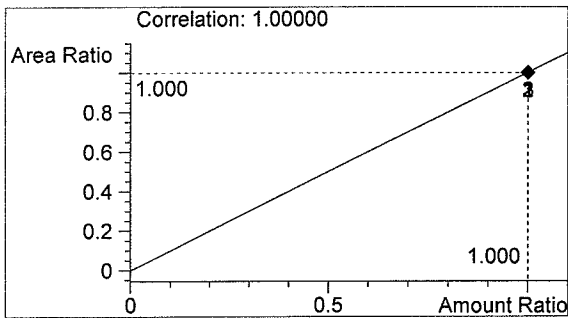


#	Compound	Area	RT
1	Ethanol	538	1.128
2	n-Propanol	1153	1.940

Totals:



Ethanol 0.100 g/100ml

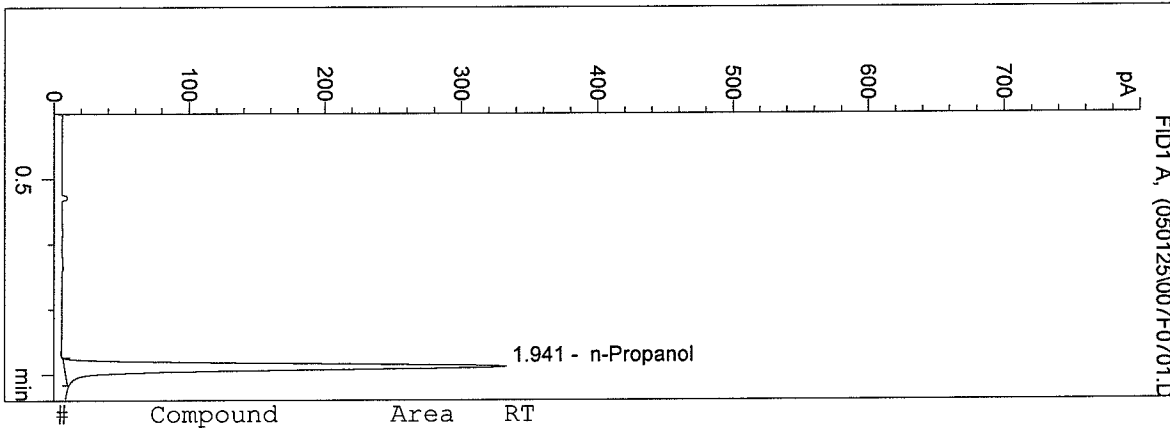


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 1/25/2005 1:27:13 PM
 Instrument 5
 DB-ALC2

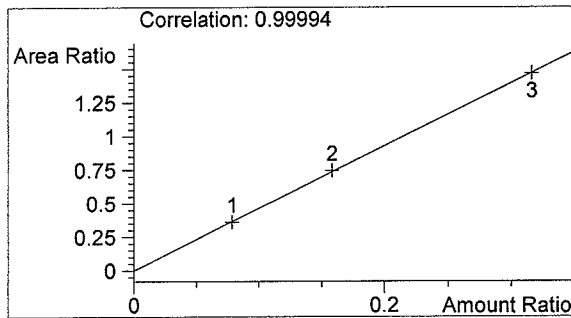
BLANK
 kgross

vial # 7

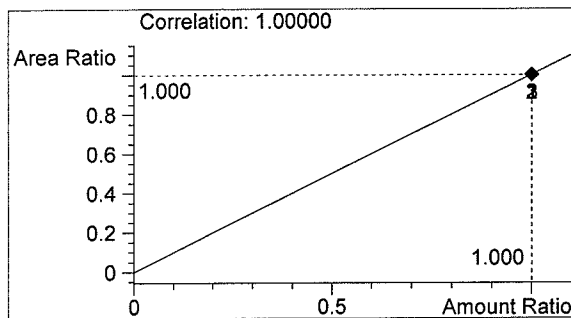


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1138	1.941

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO3.M

1/20/05 9:18:34 AM

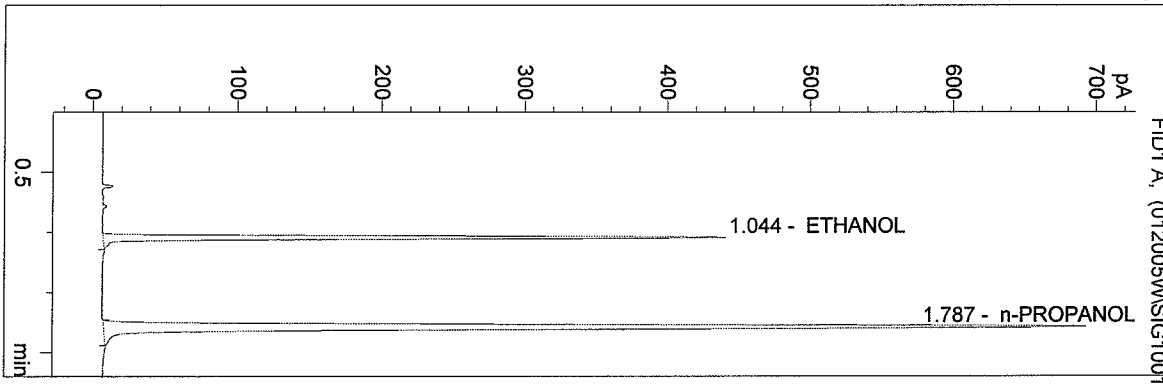
Instrument 3

DB-ALC2

0.10 CONTROL

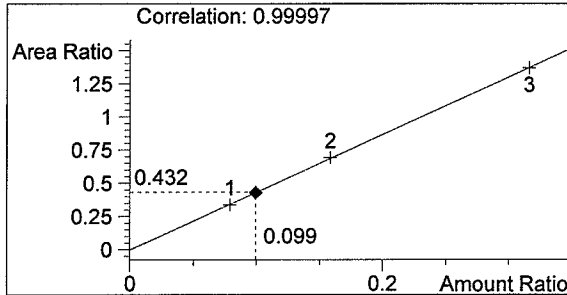
WP MARSHALL

vial # 13

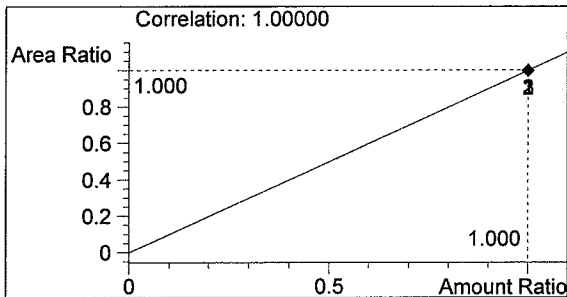


#	Compound	Area	RT
1	ETHANOL	776	1.044
2	n-PROPANOL	1794	1.787

Totals:



ETHANOL 0.099 g/100mL



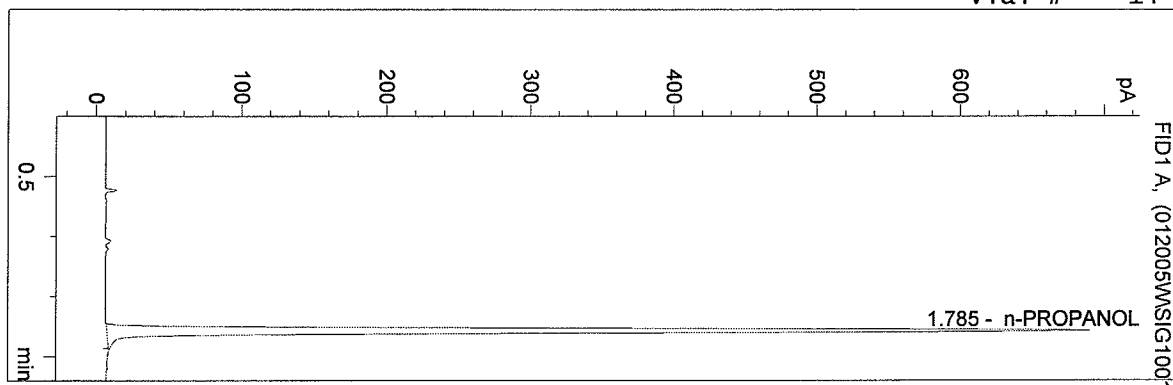
n-PROPANOL 1.000 g/100mL

STDS
SIM 05006

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/20/05 9:21:39 AM
 Instrument 3
 DB-ALC2

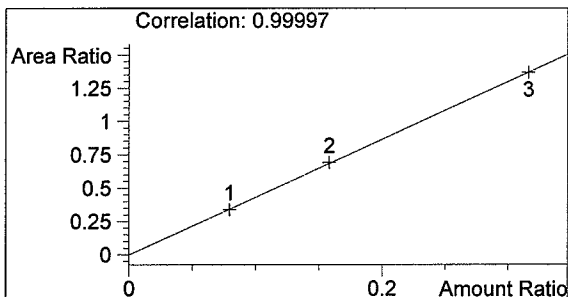
BLANK
 WP MARSHALL

vial # 14

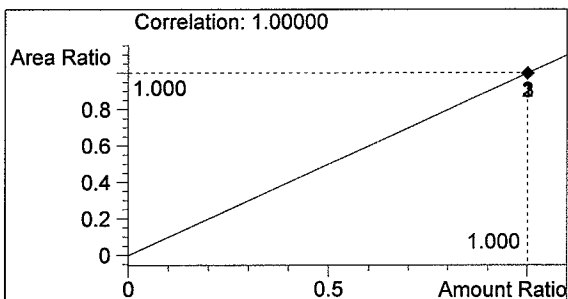


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1787	1.785

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M

1/20/05 9:24:43 AM

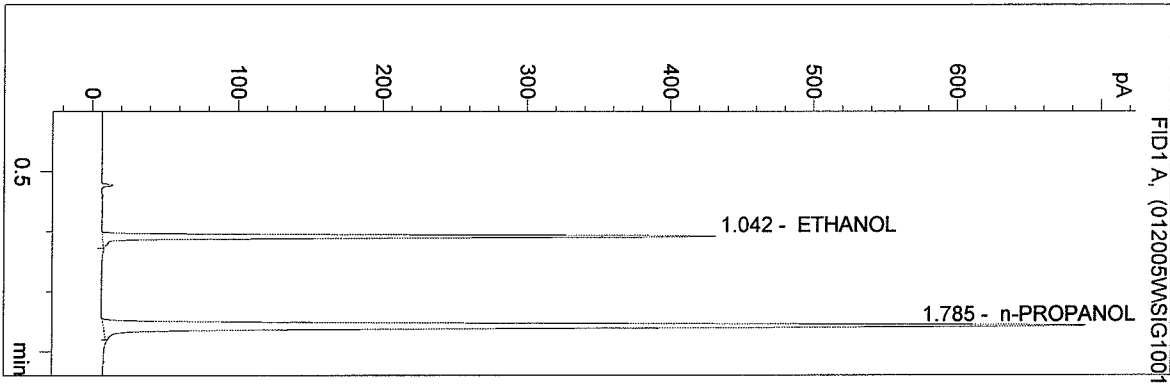
Instrument 3

DB-ALC2

SIM 05007

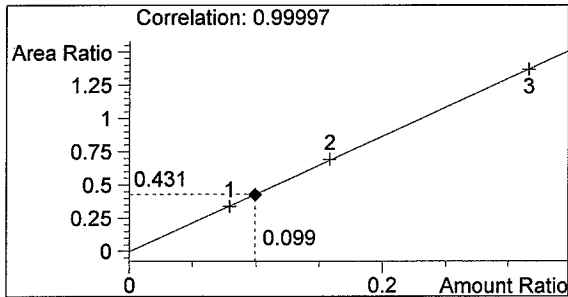
WP MARSHALL

vial # 15

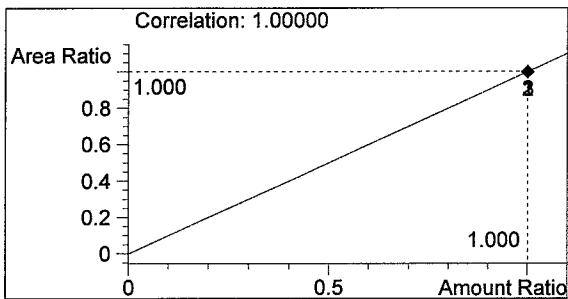


#	Compound	Area	RT
1	ETHANOL	764	1.042
2	n-PROPANOL	1773	1.785

Totals:



ETHANOL 0.099 g/100mL

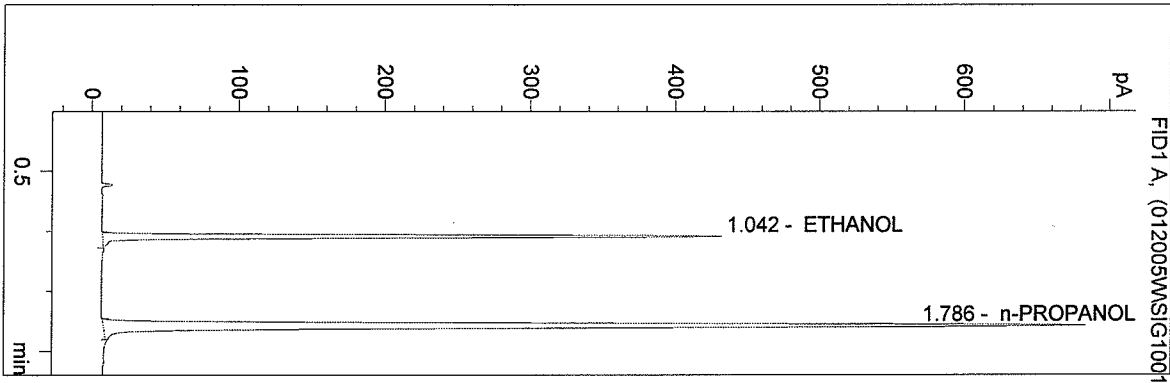


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/20/05 9:27:48 AM
 Instrument 3
 DB-ALC2

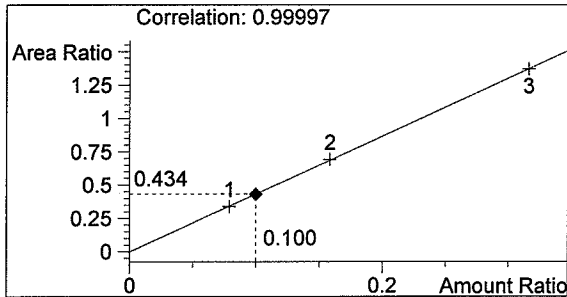
SIM 05007
 WP MARSHALL

vial # 16

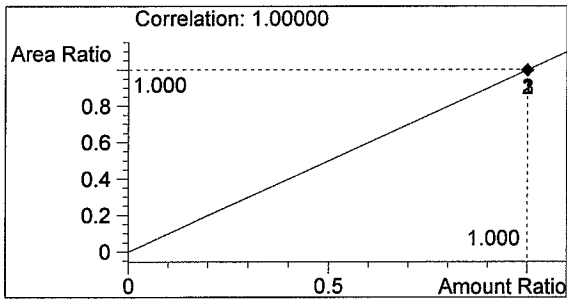


#	Compound	Area	RT
1	ETHANOL	765	1.042
2	n-PROPANOL	1761	1.786

Totals:



ETHANOL 0.100 g/100mL

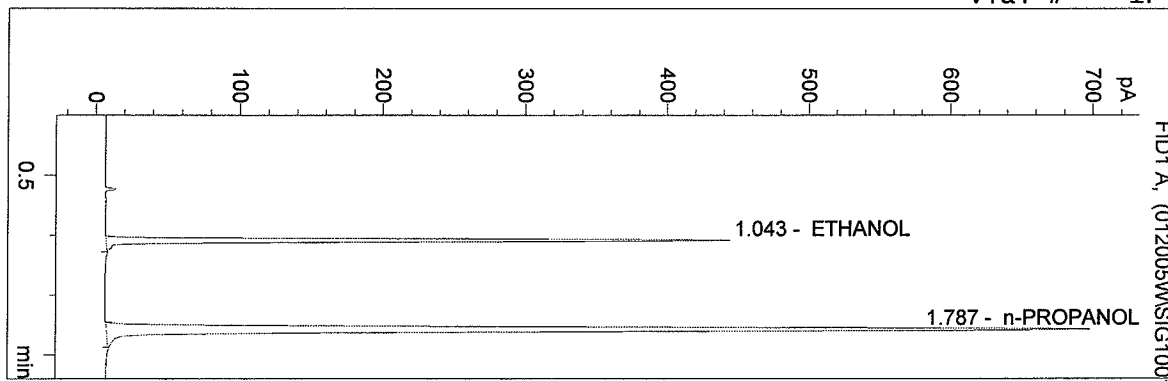


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/20/05 9:31:08 AM
 Instrument 3
 DB-ALC2

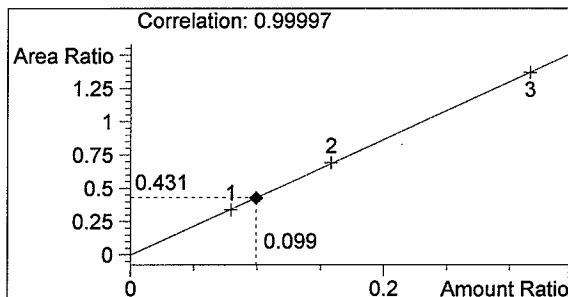
SIM 05007
 WP MARSHALL

vial # 17

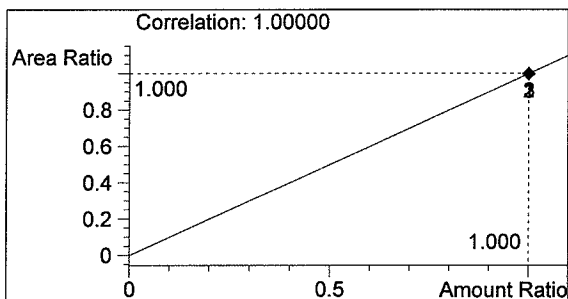


#	Compound	Area	RT
1	ETHANOL	779	1.043
2	n-PROPANOL	1807	1.787

Totals:



ETHANOL 0.099 g/100mL

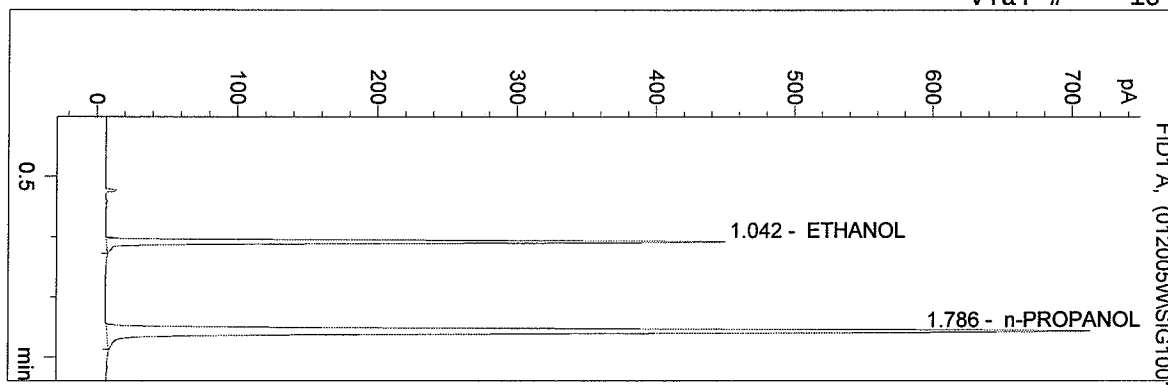


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/20/05 9:34:12 AM
 Instrument 3
 DB-ALC2

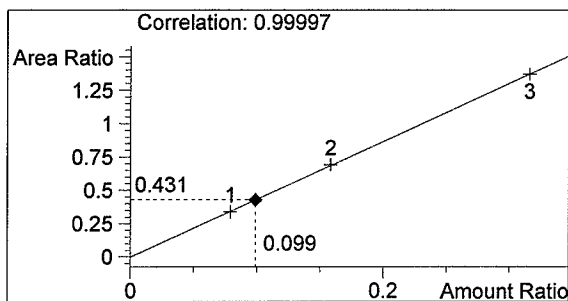
SIM 05007
 WP MARSHALL

vial # 18

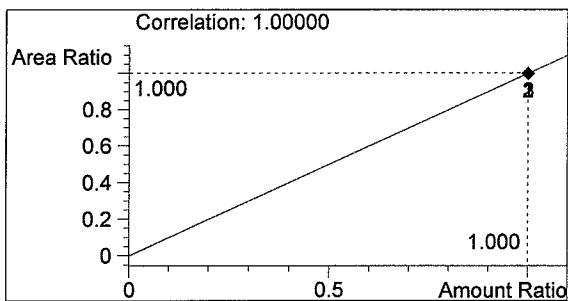


#	Compound	Area	RT
1	ETHANOL	794	1.042
2	n-PROPANOL	1843	1.786

Totals:



ETHANOL 0.099 g/100mL

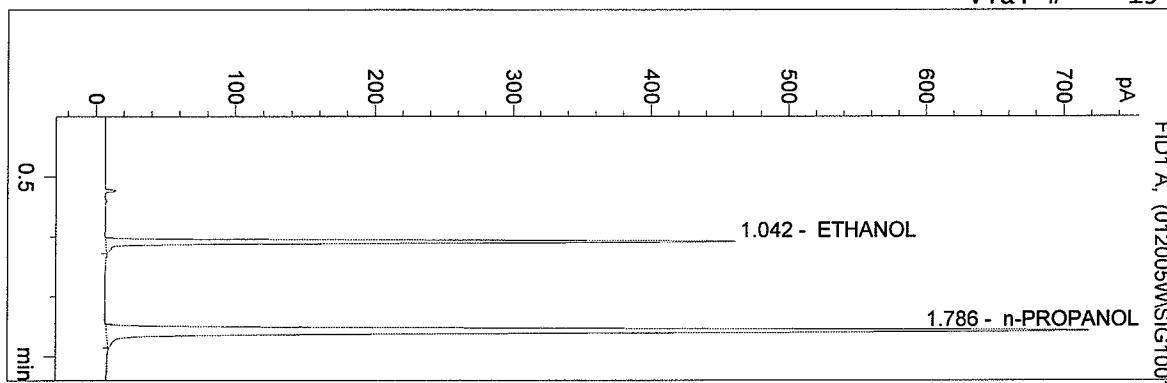


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 1/20/05 9:37:16 AM
 Instrument 3
 DB-ALC2

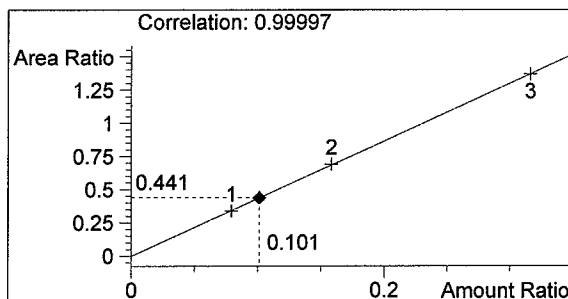
SIM 05007
 WP MARSHALL

vial # 19

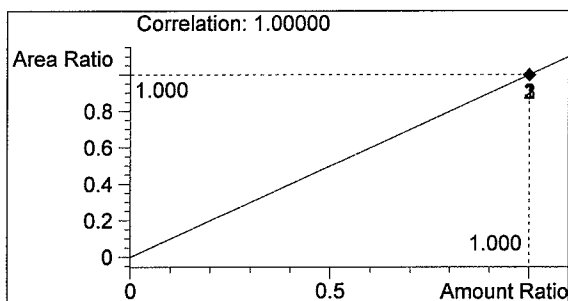


#	Compound	Area	RT
1	ETHANOL	820	1.042
2	n-PROPANOL	1861	1.786

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL