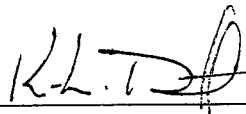


Notice of Simulator Solution File Review

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.

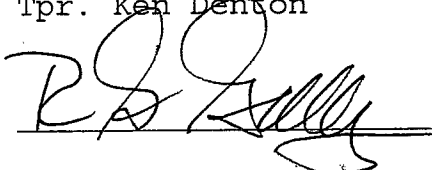
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.



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 / BOB GULBERG Date 10-8-07
Location TOX LAB SEATTLE Batch Number 05046

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:

SIGNATURE DATES ON AFFIDAVITS APPEAR INCORRECT

Comments:

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

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


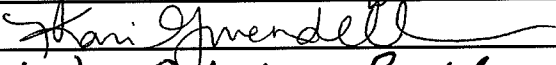

Preparation and certification of **0.15** g/210L Quality Assurance solution
 Batch number **05046** Date: 11/21/2005
 Preparation: 42.3 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12	Anal 13	Anal 14	Anal 15	Anal 16
1	0.188	0.188	0.185													
2	0.187	0.187	0.186													
3	0.187	0.187	0.187													
4	0.187	0.186	0.186													
5	0.188	0.189	0.188													
Ctrl	0.099	0.101	0.099													

External Control:
 Lot #: a028603 Exp date: 12/07
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.1871 g/100 mL
 SD: 0.00103
 Range (3xSD): 0.1840 to 0.1902
 Precision CV (%): 0.5520 %

Equivalent vapor concent.: 0.1521 g/210L

Analyst	Name	Signature	Date
1	Justin Knoy		11/22/2005
2	Kari Gruendell		11/22/2005
3	William P Marshall		11/23/2005
4			
5			
6			
7			
8			
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11			
12			
13			
14			
15			
16			

Prepared by: Justin Knoy according to the approved protocol



STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Justin L. Knoy, 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 MS degree in Forensic Science.

The quality assurance solution, Lot Number 05046, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1871 grams per 100ml.

Dated: ~~11/21/05~~
Seattle, WA

Justin L. Knoy
Forensic Toxicologist

JLK/la
JKQA

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



STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Kari D. Gruendell, do certify under penalty of perjury as follows:

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

I possess the following qualifications: BS degree in Biology and a minor in Chemistry and two years of analytical laboratory experience.

The quality assurance solution, Lot Number 05046, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1871 grams per 100ml.

Dated: 11/21/05
Seattle, WA

Kari D. Gruendell
Forensic Toxicologist

KDG/la
KDGQA



STATE OF WASHINGTON
WASHINGTON STATE PATROL

WASHINGTON STATE TOXICOLOGY LABORATORY

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

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, William P. Marshall, 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 Chemistry and thirty-one years of analytical laboratory experience including fifteen years of toxicology experience.

The quality assurance solution, Lot Number 05046 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1871 grams per 100ml.

Dated: 11/21/05
Seattle, WA

A handwritten signature in black ink that reads "William P. Marshall".

William P. Marshall
Forensic Toxicologist

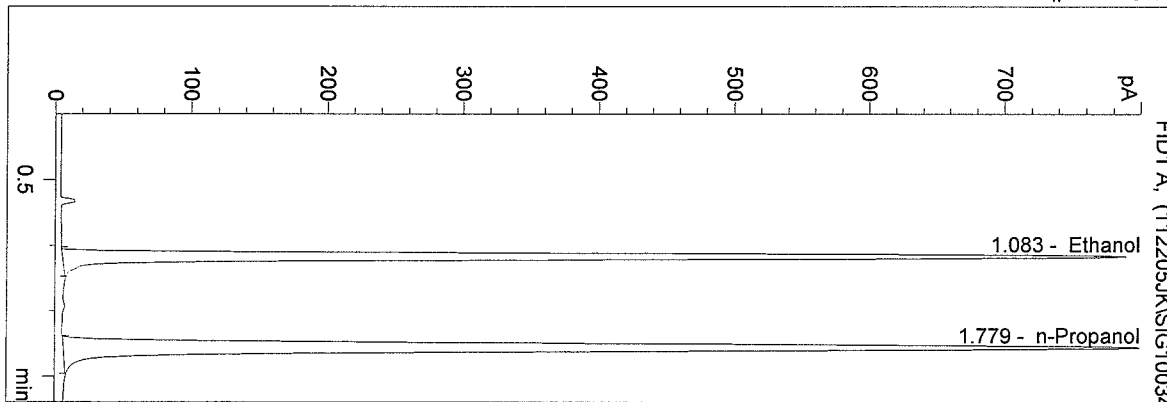
WPM/la
WMQA



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 11/22/2005 2:34:17 PM
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 DB BAC 1

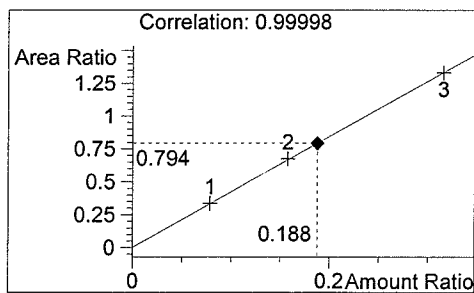
05046
 J KNOY

vial # 34



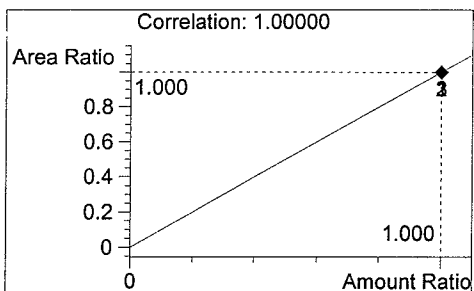
#	Compound	Area	RT
1	Ethanol	2538	1.083
2	n-Propanol	3196	1.779

Tot



Ethanol

0.188 g/100ml



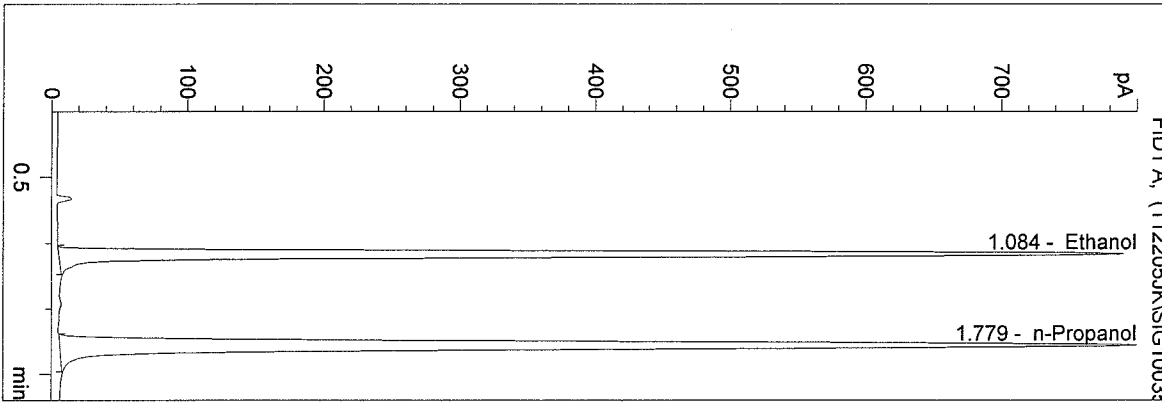
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 11/22/2005 2:37:22 PM
 Instrument 1
 DB BAC 1

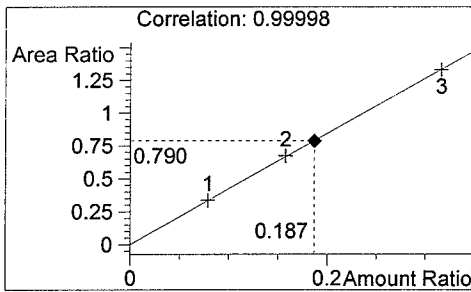
05046
 J KNOY

vial # 35



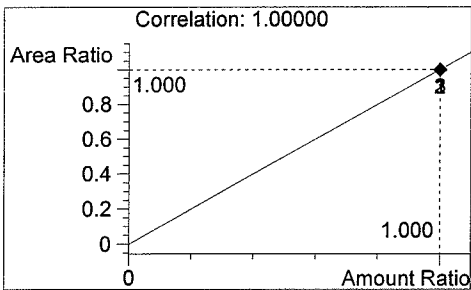
#	Compound	Area	RT
1	Ethanol	2540	1.084
2	n-Propanol	3214	1.779

Tot



Ethanol

0.187 g/100ml



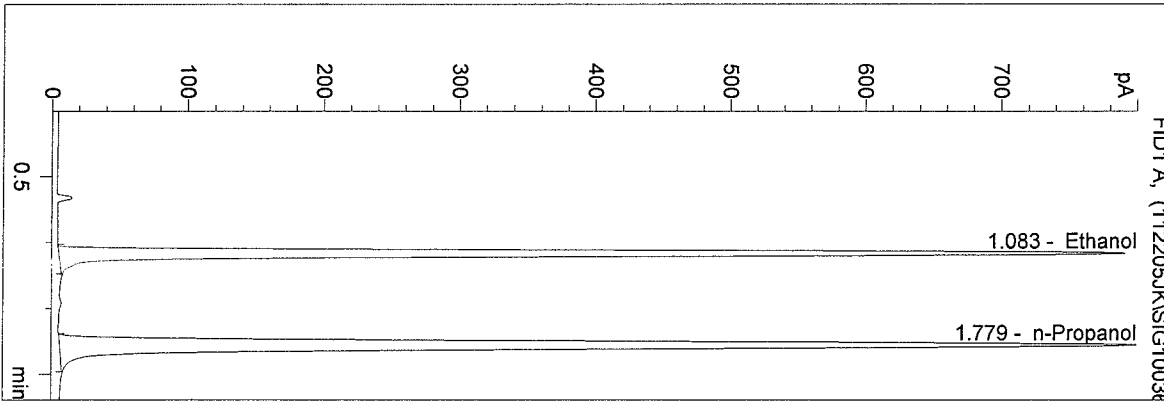
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 11/22/2005 2:40:26 PM
 Instrument 1
 DB BAC 1

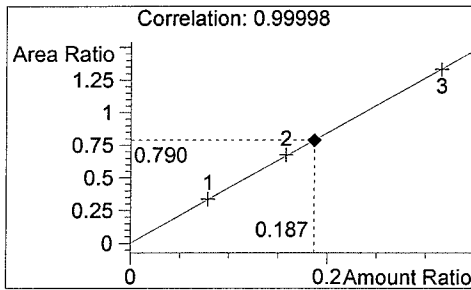
05046
 J KNOY

vial # 36



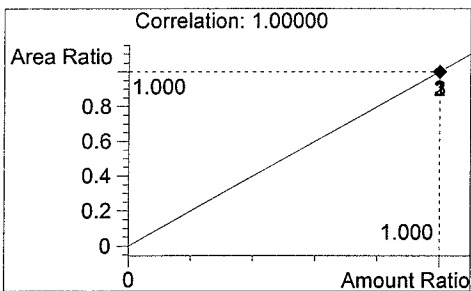
#	Compound	Area	RT
1	Ethanol	2537	1.083
2	n-Propanol	3211	1.779

Tot



Ethanol

0.187 g/100ml



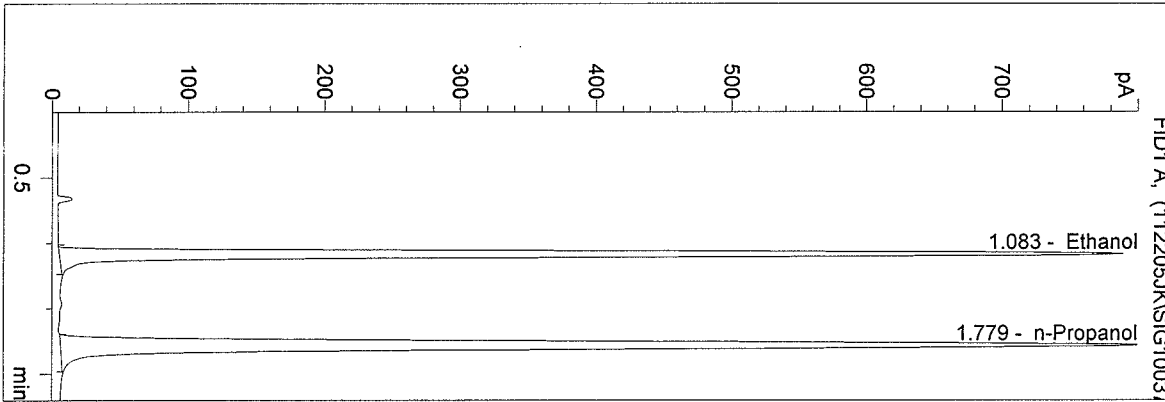
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 11/22/2005 2:43:31 PM
 Instrument 1
 DB BAC 1

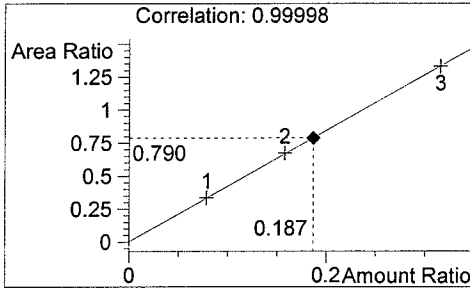
05046
 J KNOY

vial # 37



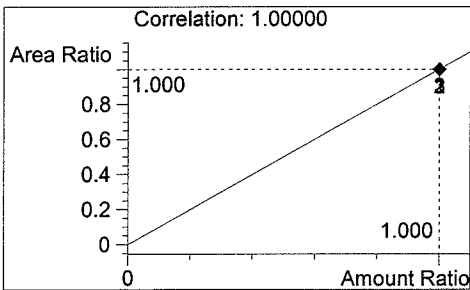
#	Compound	Area	RT
1	Ethanol	2538	1.083
2	n-Propanol	3212	1.779

Tot



Ethanol

0.187 g/100ml



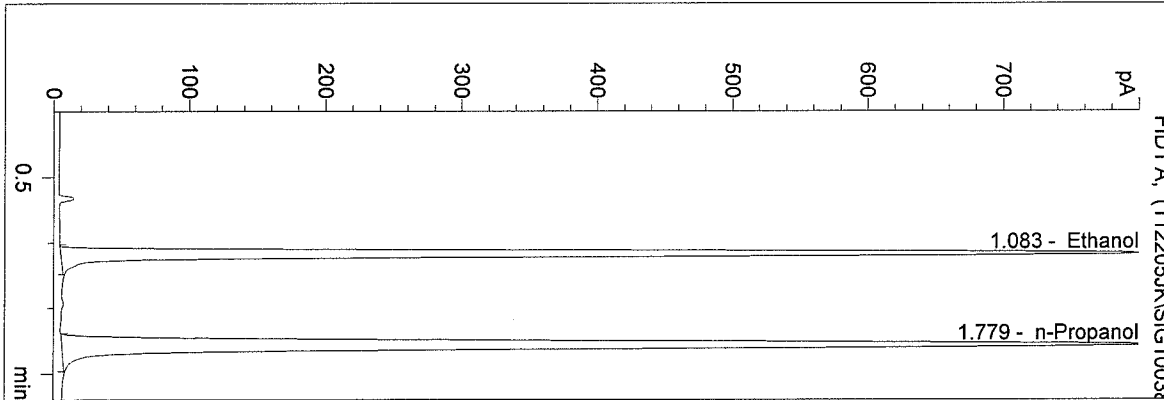
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 11/22/2005 2:46:36 PM
 Instrument 1
 DB BAC 1

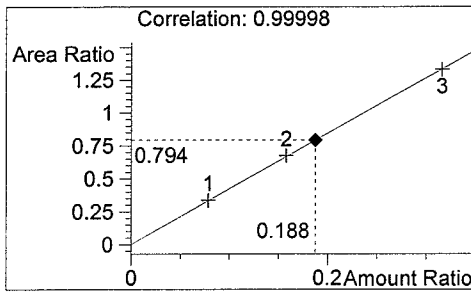
05046
 J KNOY

vial # 38



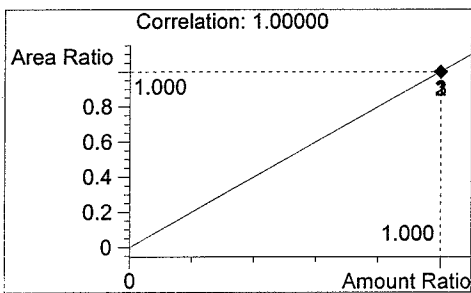
#	Compound	Area	RT
1	Ethanol	2597	1.083
2	n-Propanol	3270	1.779

Tot



Ethanol

0.188 g/100ml



n-Propanol

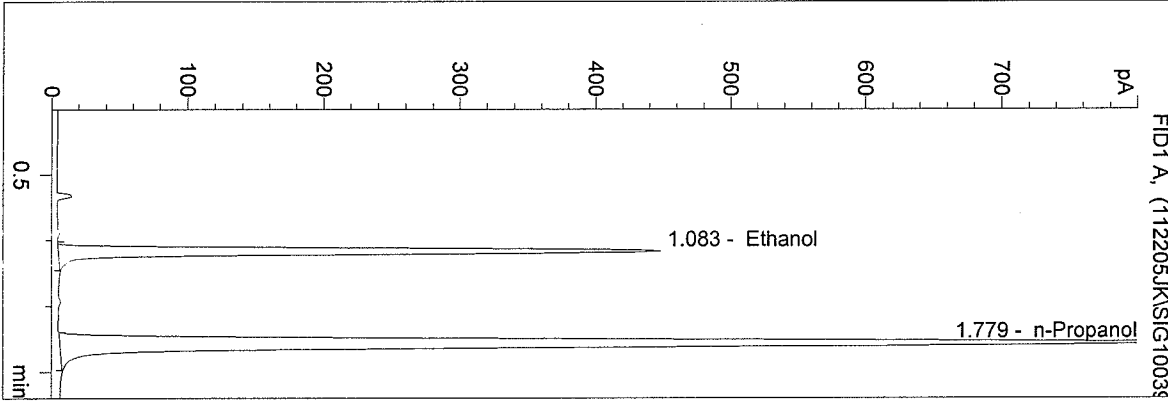
1.000 g/100ml

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C:\HPCHEM\1\METHODS\BLDALCO.M
 11/22/2005 2:49:41 PM
 Instrument 1
 DB BAC 1

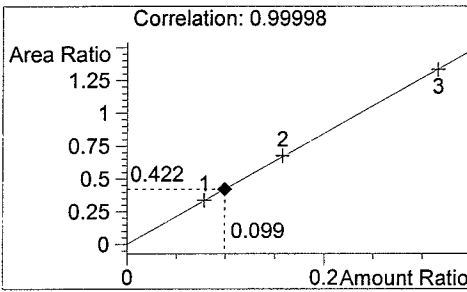
0.10 CTRL JK
 J KNOY

vial # 39



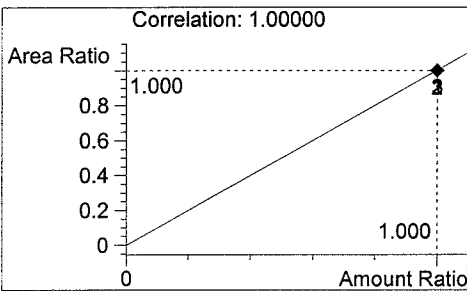
#	Compound	Area	RT
1	Ethanol	1442	1.083
2	n-Propanol	3417	1.779

Tot



Ethanol

0.099 g/100ml



n-Propanol

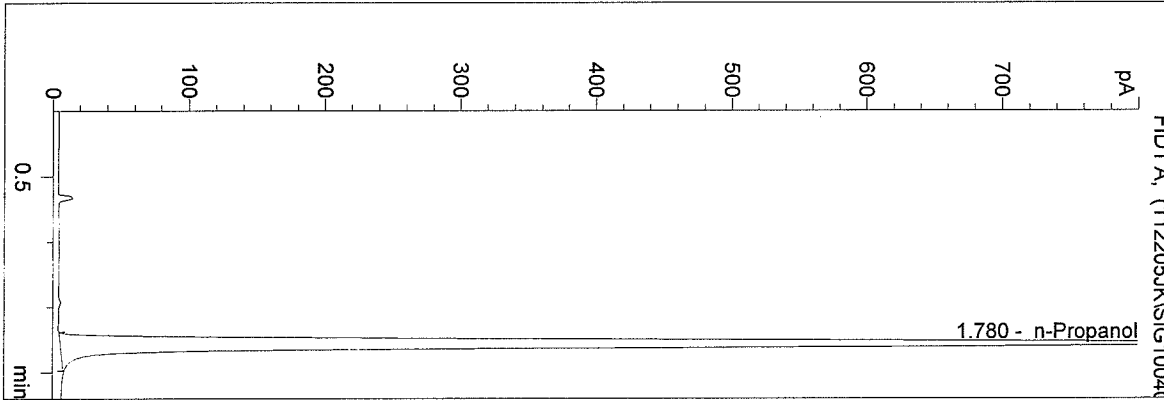
1.000 g/100ml

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C:\HPCHEM\1\METHODS\BLDALCO.M
 11/22/2005 2:52:46 PM
 Instrument 1
 DB BAC 1

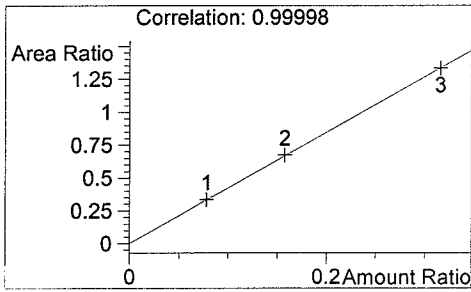
BLANK
 J KNOY

vial # 40



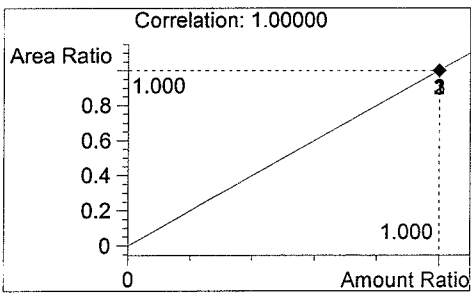
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3730	1.780

Tot



Ethanol

0.000 g/100ml



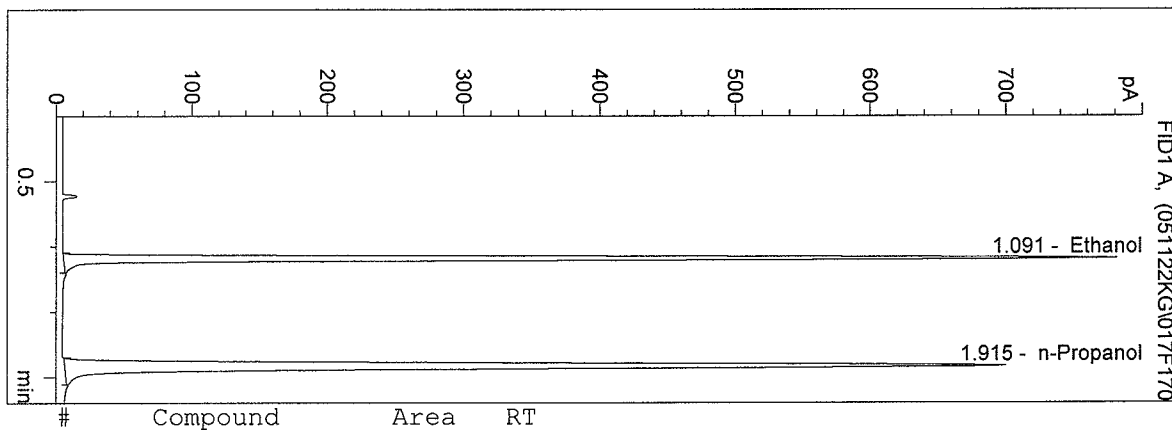
n-Propanol

1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 11/22/2005 7:49:54 AM
 Instrument 5
 DB-ALC2

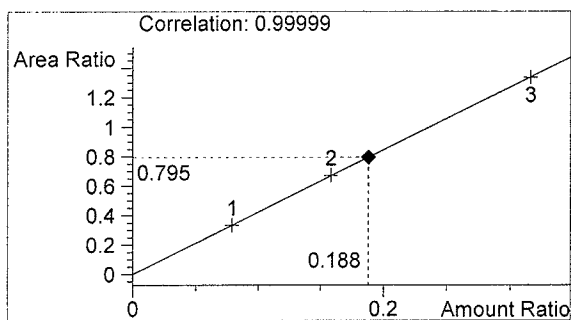
QA 05046 #1
 Kari Gruendell

vial # 17

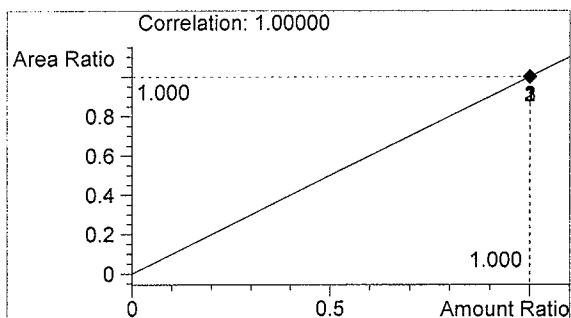


#	Compound	Area	RT
1	Ethanol	1646	1.091
2	n-Propanol	2070	1.915

Totals:



Ethanol 0.188 g/100ml

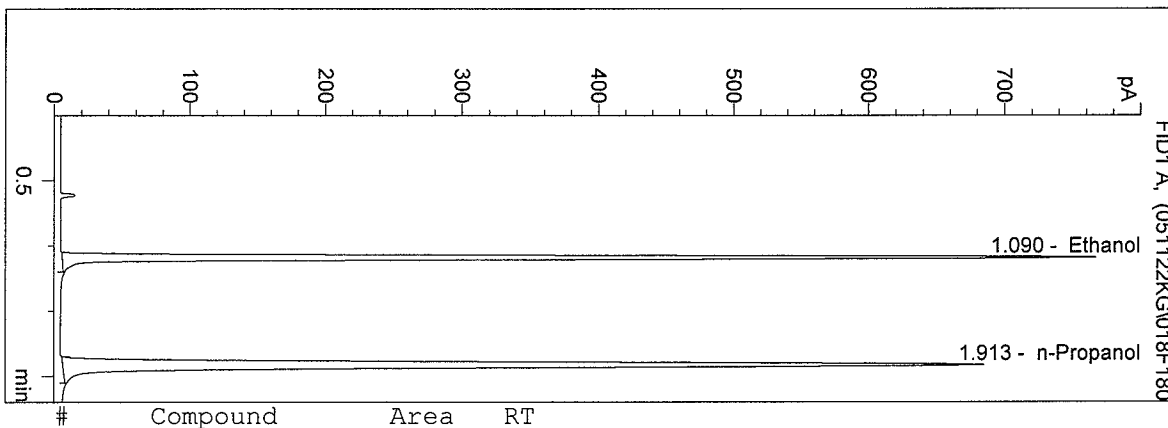


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 11/22/2005 7:53:15 AM
 Instrument 5
 DB-ALC2

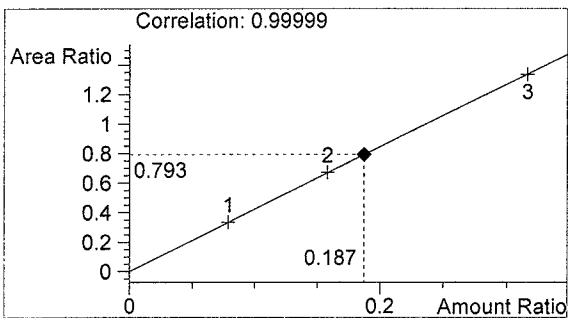
QA 05046 #2
 Kari Gruendell

vial # 18

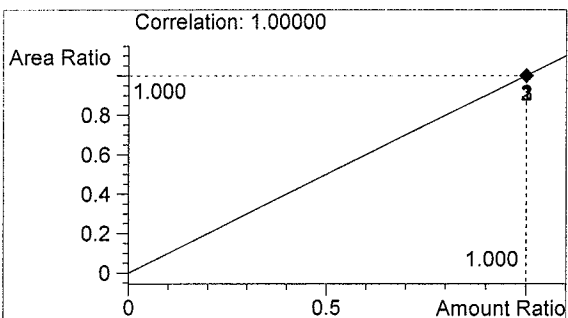


#	Compound	Area	RT
1	Ethanol	1603	1.090
2	n-Propanol	2022	1.913

Totals:



Ethanol 0.187 g/100ml

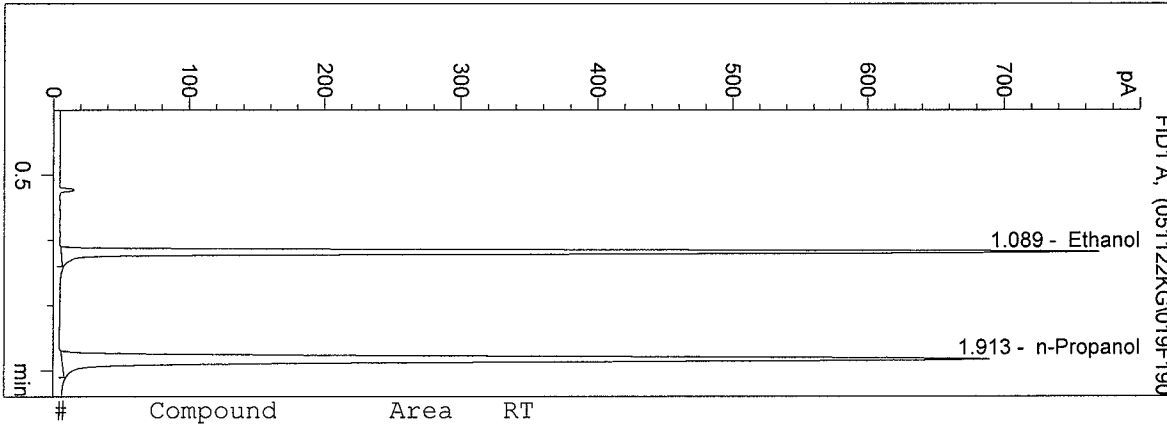


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 11/22/2005 7:56:34 AM
 Instrument 5
 DB-ALC2

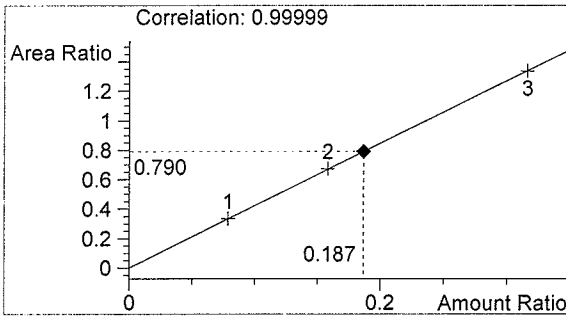
QA 05046 #3
 Kari Gruendell

vial # 19

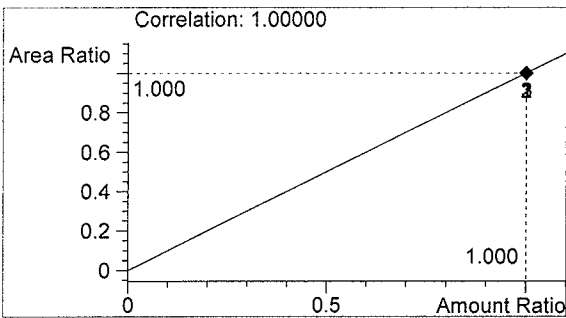


#	Compound	Area	RT
1	Ethanol	1610	1.089
2	n-Propanol	2037	1.913

Totals:



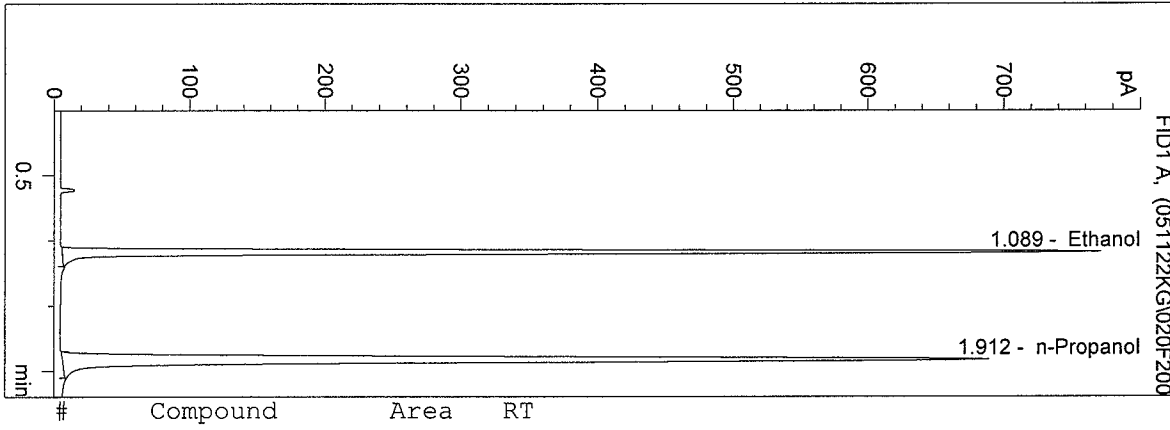
Ethanol 0.187 g/100ml



n-Propanol 1.000 g/100ml

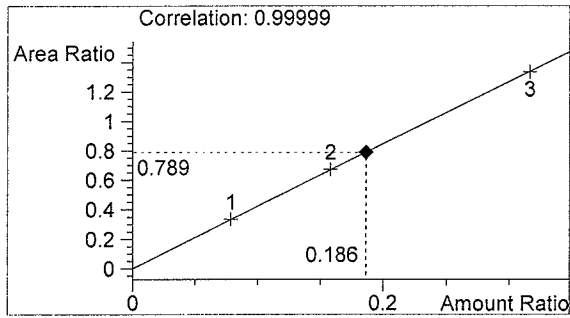
D:\HPCHEM\1\METHODS\BLDALCO2.M
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 Instrument 5
 DB-ALC2

QA 05046 #4
 Kari Gruendell
 vial # 20

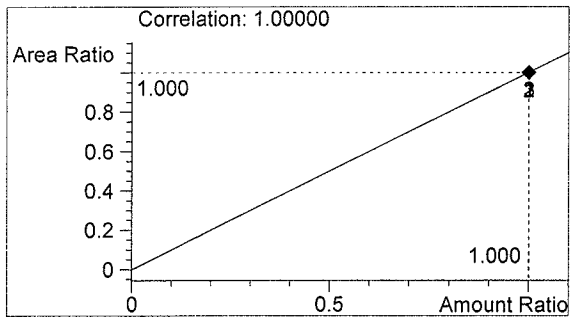


#	Compound	Area	RT
1	Ethanol	1608	1.089
2	n-Propanol	2038	1.912

Totals:



Ethanol 0.186 g/100ml

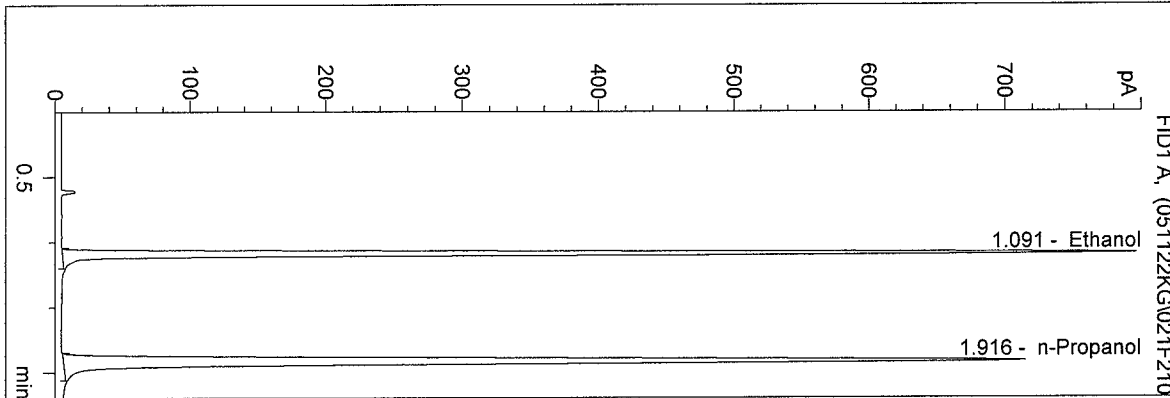


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 11/22/2005 8:03:08 AM
 Instrument 5
 DB-ALC2

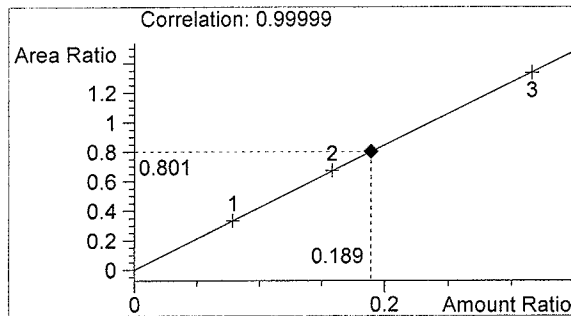
QA 05046 #5
 Kari Gruendell

vial # 21

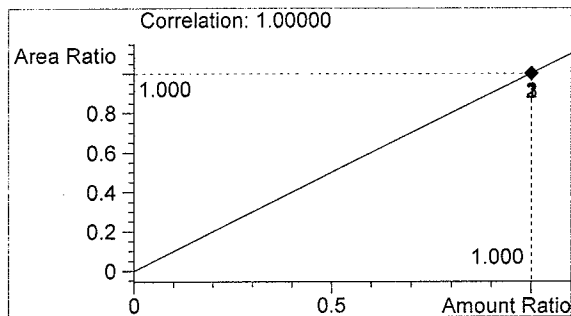


#	Compound	Area	RT
1	Ethanol	1692	1.091
2	n-Propanol	2112	1.916

Totals:



Ethanol 0.189 g/100ml

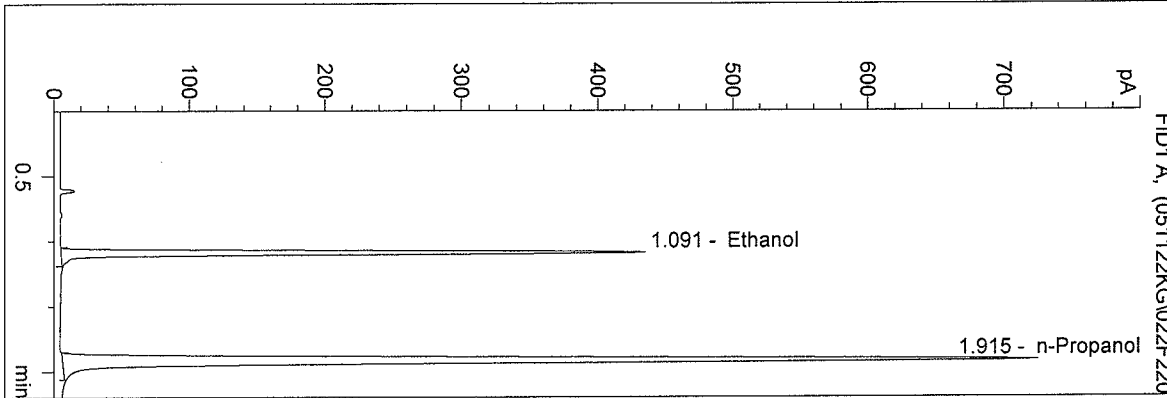


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 11/22/2005 8:06:24 AM
 Instrument 5
 DB-ALC2

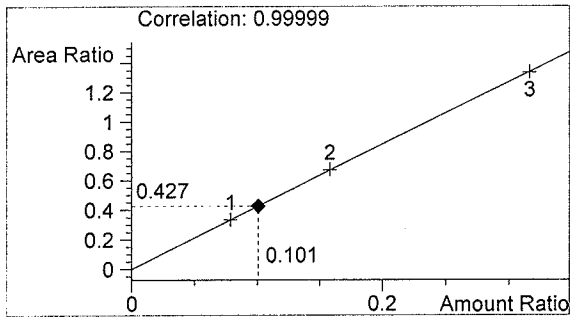
0.10 CONTROL KG
 Kari Gruendell

vial # 22

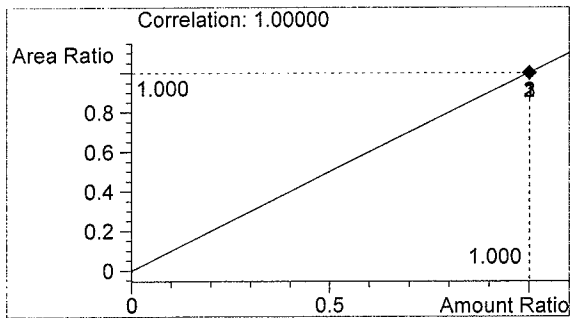


#	Compound	Area	RT
1	Ethanol	918	1.091
2	n-Propanol	2150	1.915

Totals:



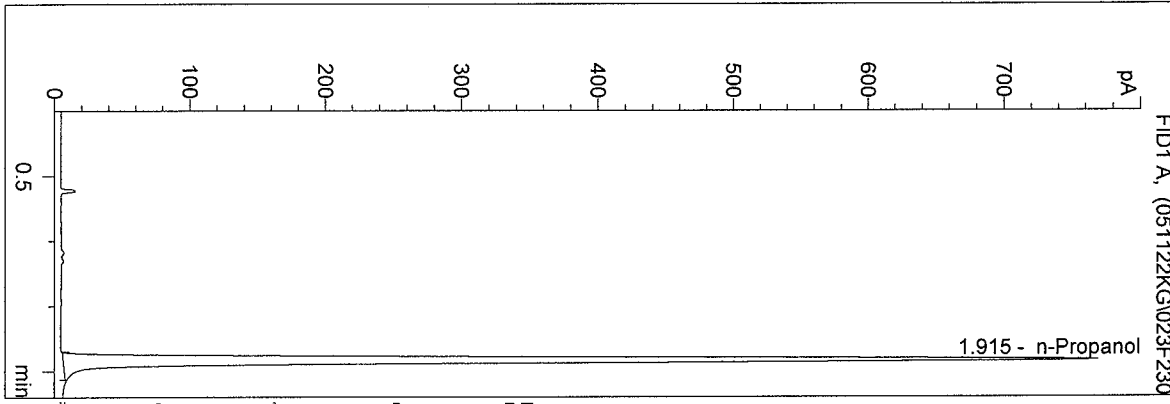
Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

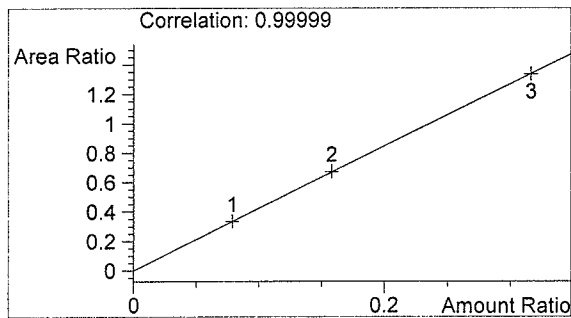
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 11/22/2005 8:09:38 AM
 Instrument 5
 DB-ALC2

BLANK
 Kari Gruendell
 vial # 23

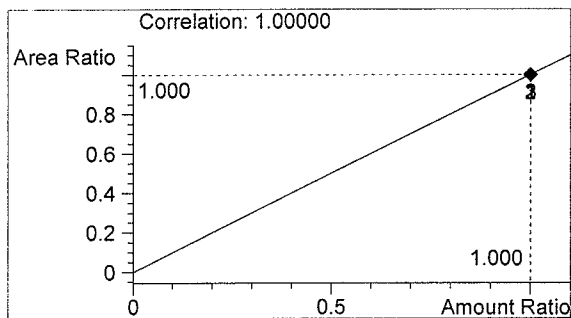


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2273	1.915

Totals:



Ethanol 0.000 g/100ml

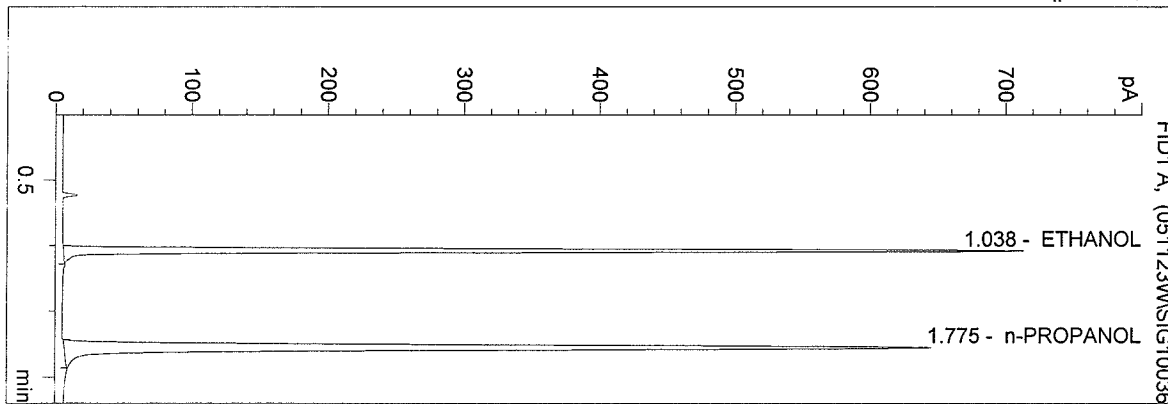


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/23/2005 11:24:25 AM
 Instrument 3
 db-alc2

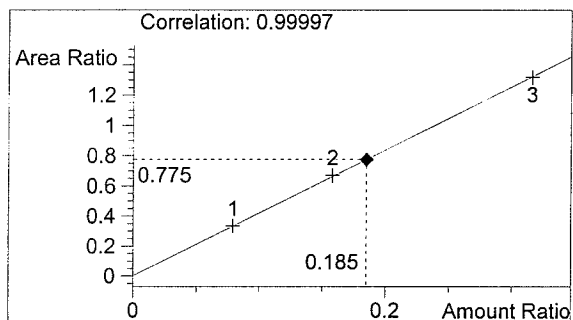
QA 05046
 WP MARSHALL

vial # 36



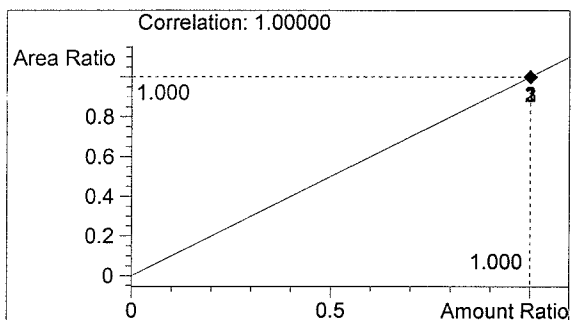
#	Compound	Area	RT
1	ETHANOL	1333	1.038
2	n-PROPANOL	1721	1.775

Totals:



ETHANOL

0.185 g/100ml



n-PROPANOL

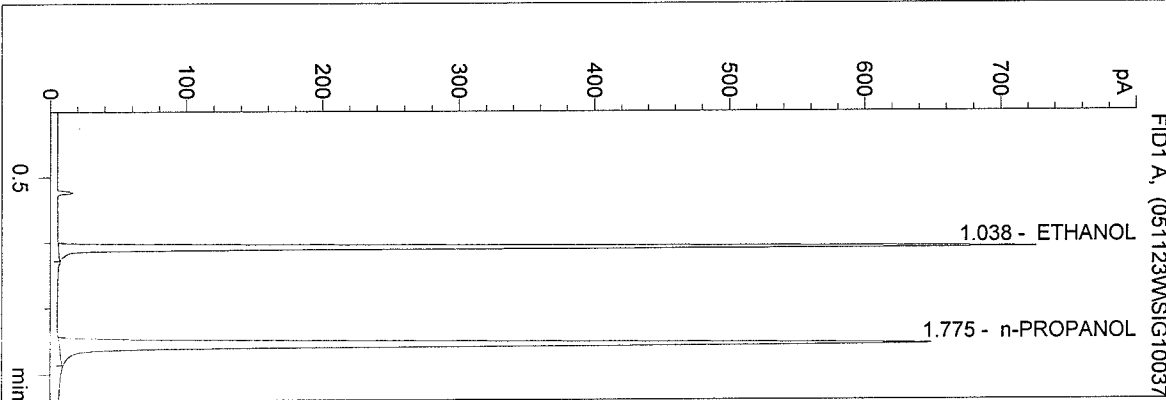
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/23/2005 11:27:33 AM
 Instrument 3
 db-alc2

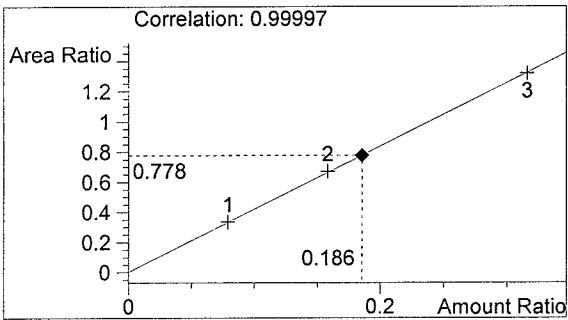
QA 05046
 WP MARSHALL

vial # 37



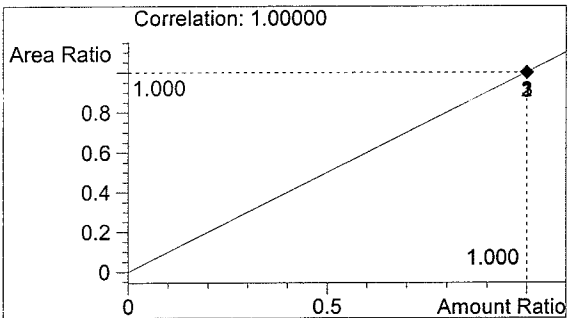
#	Compound	Area	RT
1	ETHANOL	1342	1.038
2	n-PROPANOL	1726	1.775

Totals:



ETHANOL

0.186 g/100ml



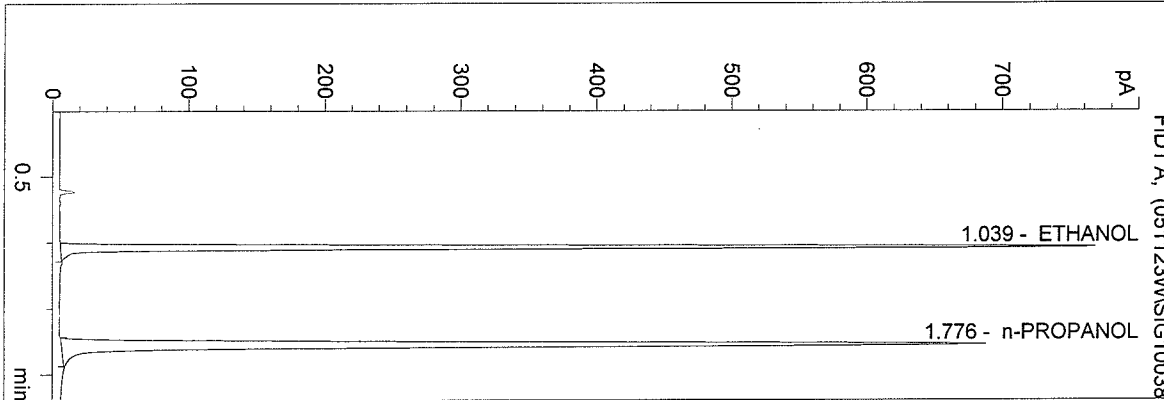
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/23/2005 11:30:40 AM
 Instrument 3
 db-alc2

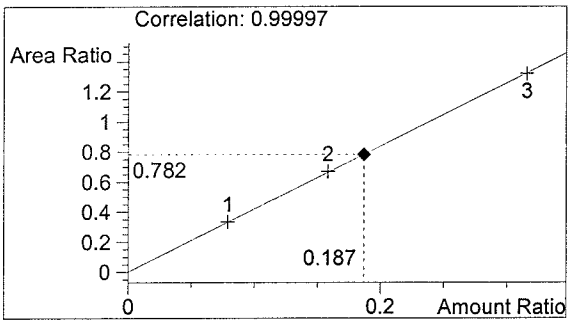
QA 05046
 WP MARSHALL

vial # 38



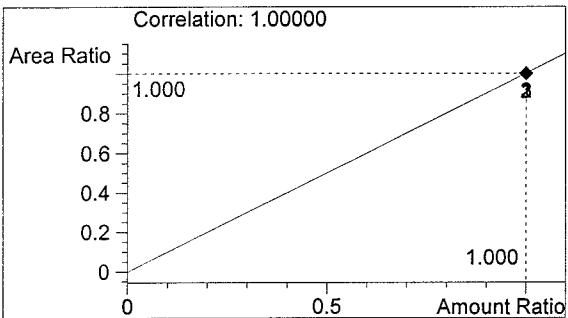
#	Compound	Area	RT
1	ETHANOL	1433	1.039
2	n-PROPANOL	1832	1.776

Totals:



ETHANOL

0.187 g/100ml



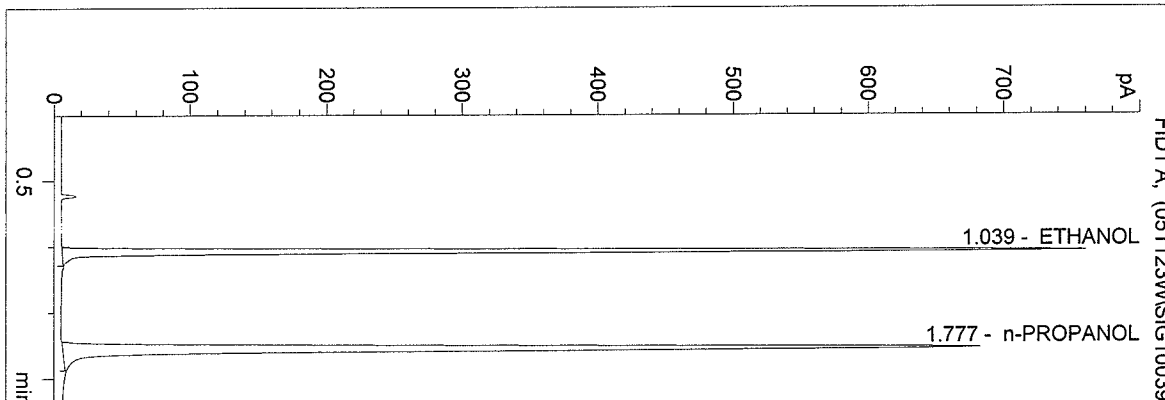
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/23/2005 11:33:47 AM
 Instrument 3
 db-alc2

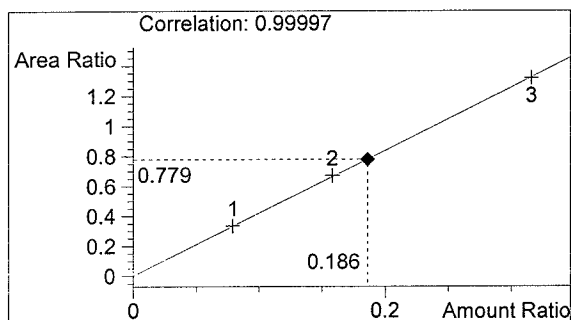
QA 05046
 WP MARSHALL

vial # 39

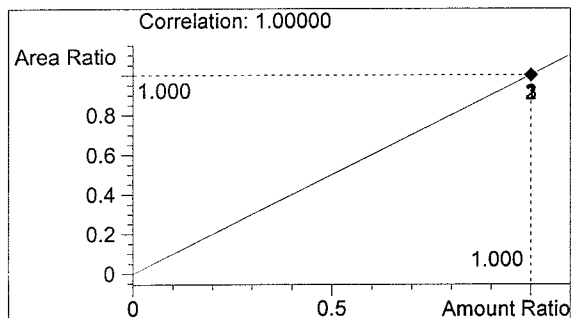


#	Compound	Area	RT
1	ETHANOL	1422	1.039
2	n-PROPANOL	1824	1.777

Totals:



0.186 g/100ml

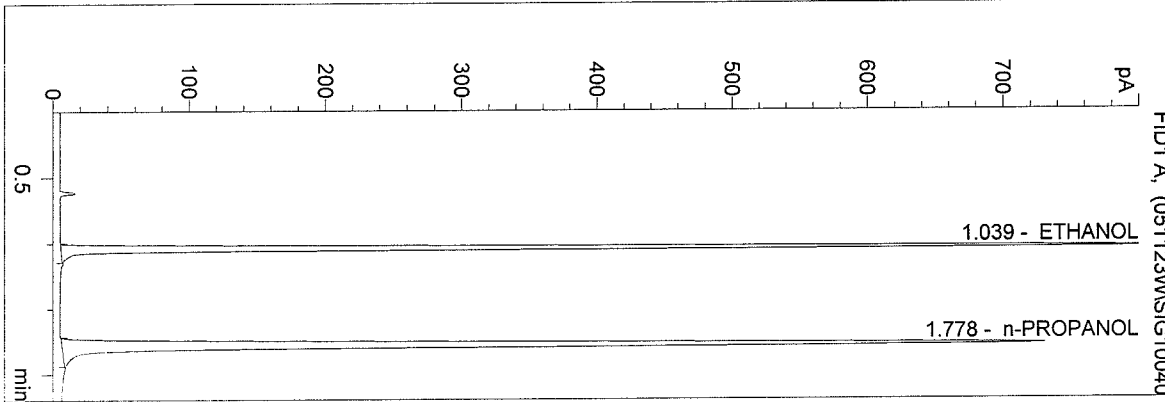


1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/23/2005 11:36:54 AM
 Instrument 3
 db-alc2

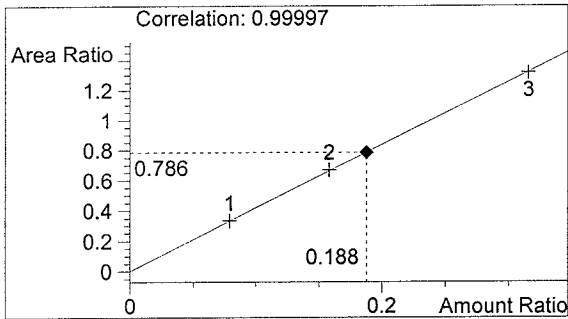
QA 05046
 WP MARSHALL

vial # 40



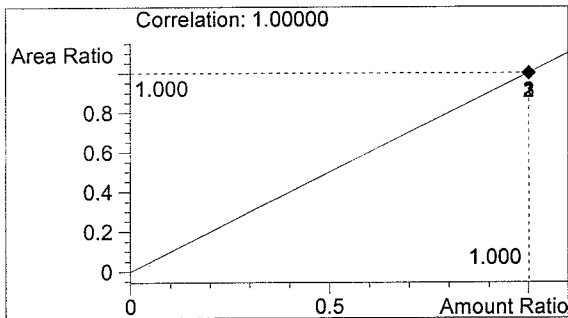
#	Compound	Area	RT
1	ETHANOL	1531	1.039
2	n-PROPANOL	1947	1.778

Totals:



ETHANOL

0.188 g/100ml



n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M

11/23/2005 11:18:11 AM

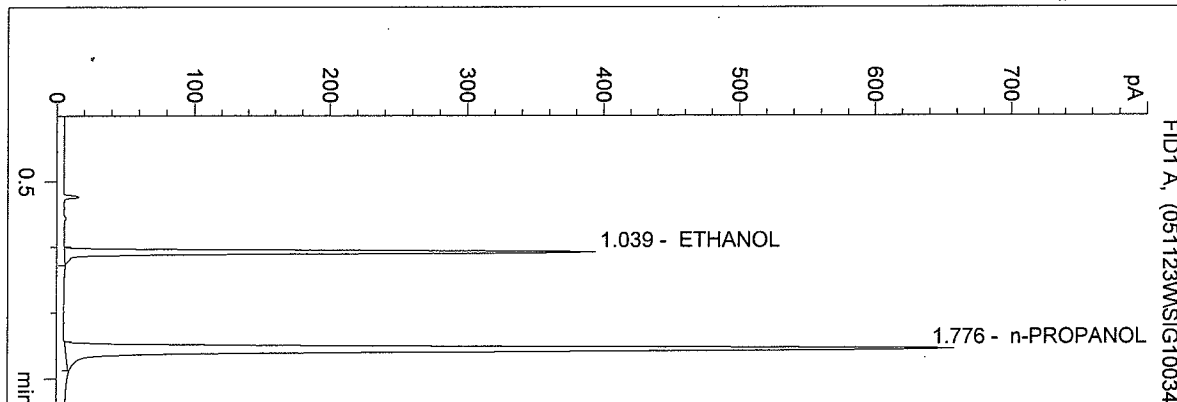
Instrument 3

db-alc2

0.10 QC

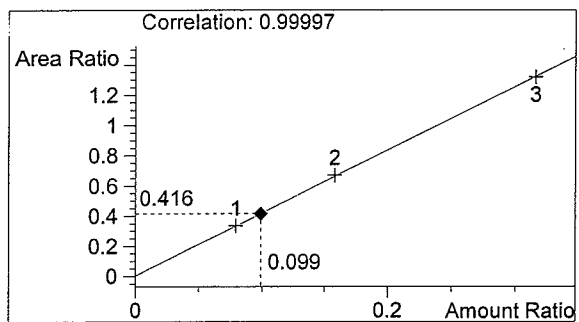
WP MARSHALL

vial # 34



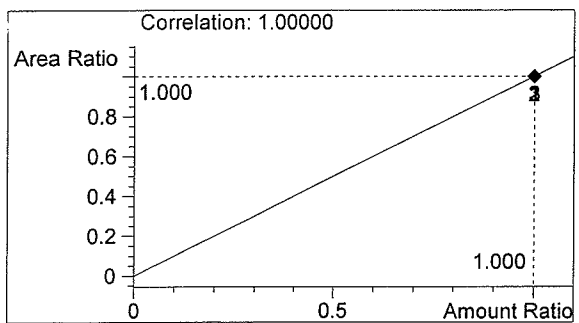
#	Compound	Area	RT
1	ETHANOL	729	1.039
2	n-PROPANOL	1754	1.776

Totals:



ETHANOL

0.099 g/100ml



n-PROPANOL

1.000 g/100ml