

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.

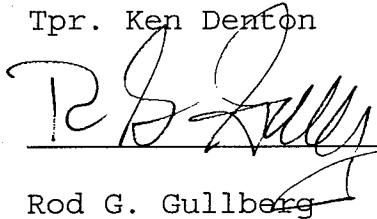

Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear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

Tpr. Ken Denton

Date

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / PDA GUVBERG Date 10-1-07
Location TOX LAB SEATTLE Batch Number 06046

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 ___

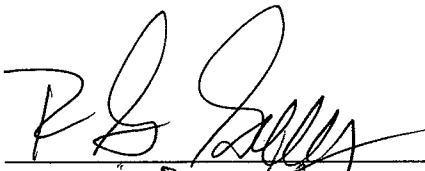

Computations:

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: 10-1-07
Reviewer Signature:  Date: 10/1/2007

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


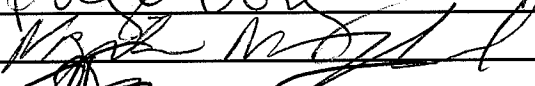
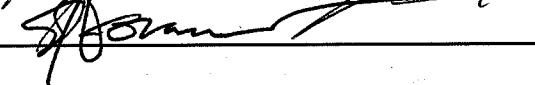
Preparation and certification of **0.10** g/210L Quality Assurance solution
 Batch number **06046** Date: 11/14/2006
 Preparation: 28.9 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12	Anal 13	Anal 14	Anal 15	Anal 16
1	0.126	0.127	0.126													
2	0.128	0.128	0.126													
3	0.128	0.128	0.126													
4	0.128	0.128	0.127													
5	0.128	0.128	0.127													
Ctrl	0.101	0.099	0.100													

External Control:
 Lot #: A041837 Exp date: 04/2010
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.1273 g/100 mL
 SD: 0.00088
 Range (3xSD): 0.1246 to 0.1300
 Precision CV (%): 0.6942 %

Equivalent vapor concent.: 0.1035 g/210L

<u>Analyst</u>	<u>Name</u>	<u>Signature</u>	<u>Date</u>
1	Paige Long		11/14/2006
2	Naziha Nuwayhid, PhD		11/15/2006
3	Edward Formoso		11/15/2006
4			
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Prepared by: Paige Long according to the approved protocol



STATE OF WASHINGTON
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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

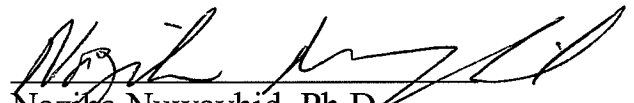
I, Naziha Nuwayhid, do certify under penalty of perjury that:

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: 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 six years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

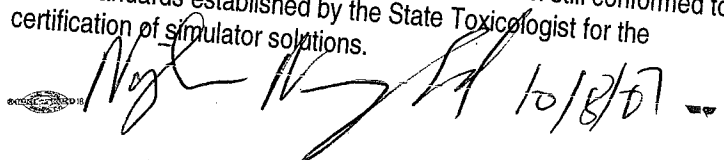
The quality assurance solution, Lot Number 06046, was prepared in the Washington State Toxicology Laboratory on 11/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.10 grams per 100ml.

Dated: 11/20/2006
Seattle, WA


Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/km
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.


10/18/07



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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

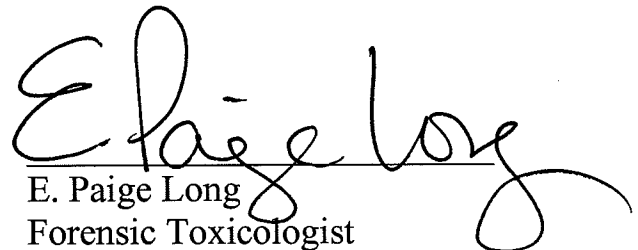
I, E. Paige Long, do certify under penalty of perjury that:

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 Biology, and MS degree in Forensic Science.

The quality assurance solution, Lot Number 06046, was prepared in the Washington State Toxicology Laboratory on 11/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.10 grams per 100ml.

Dated: 11/20/2006
Seattle, WA


E. Paige Long
Forensic Toxicologist

EPL/km
PLQA





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, Edward J. Formoso, 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 twenty-nine years of experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 06046, was prepared in the Washington State Toxicology Laboratory on 11/14/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.10 grams per 100ml.

Dated: 11/20/2006
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

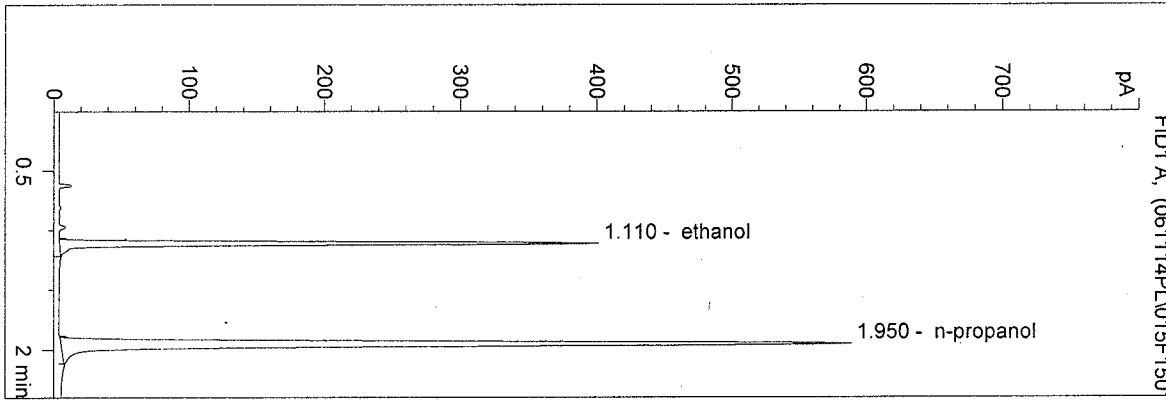
EJF/km
EFQA



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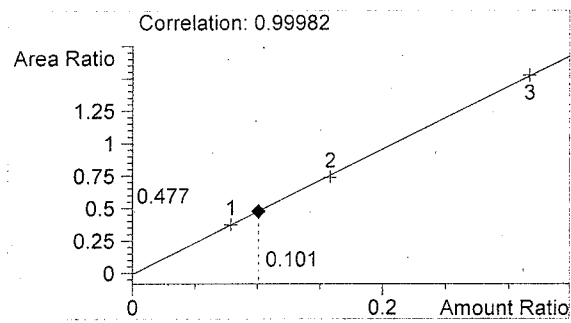
0.10ct1
 p long

vial # 15

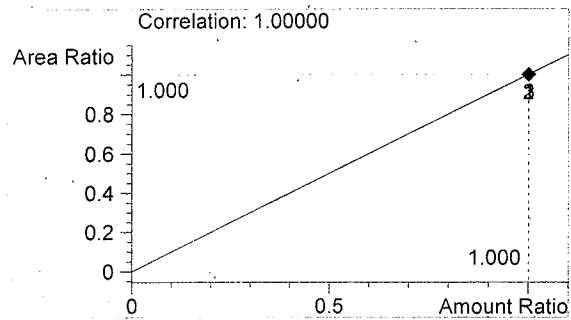


#	Compound	Area	RT
1	ethanol	825	1.110
2	n-propanol	1731	1.950

Totals:



ethanol 0.101 g/100ml

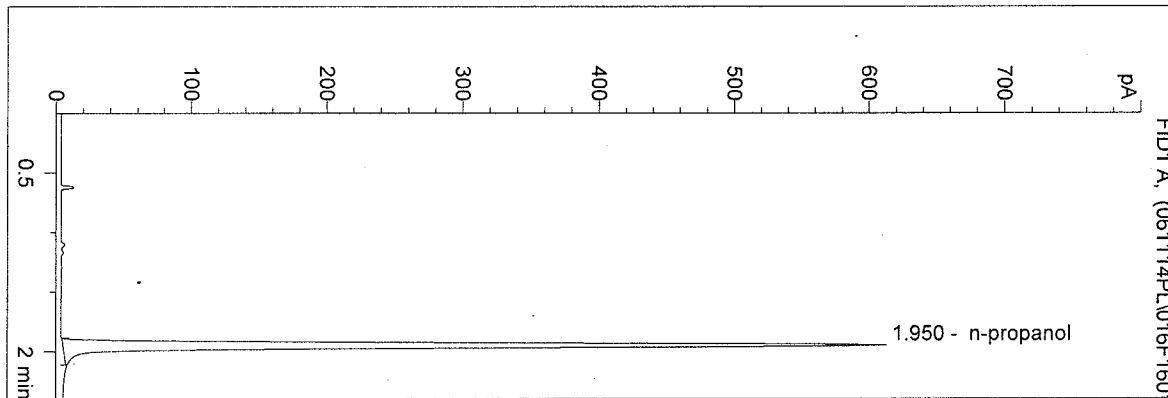


n-propanol 1.000 g/100ml

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 DB-ALC2

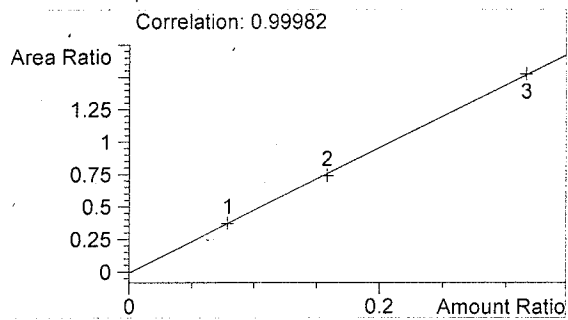
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 p long

vial # 16

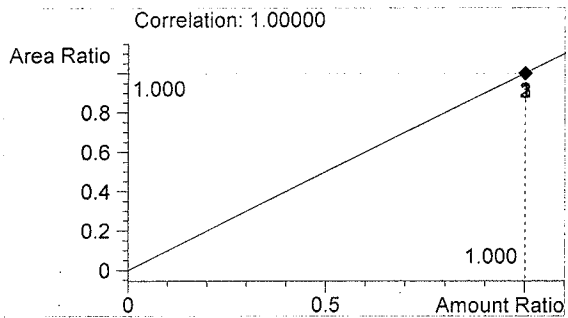


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1795	1.950

Totals:



ethanol 0.000 g/100ml

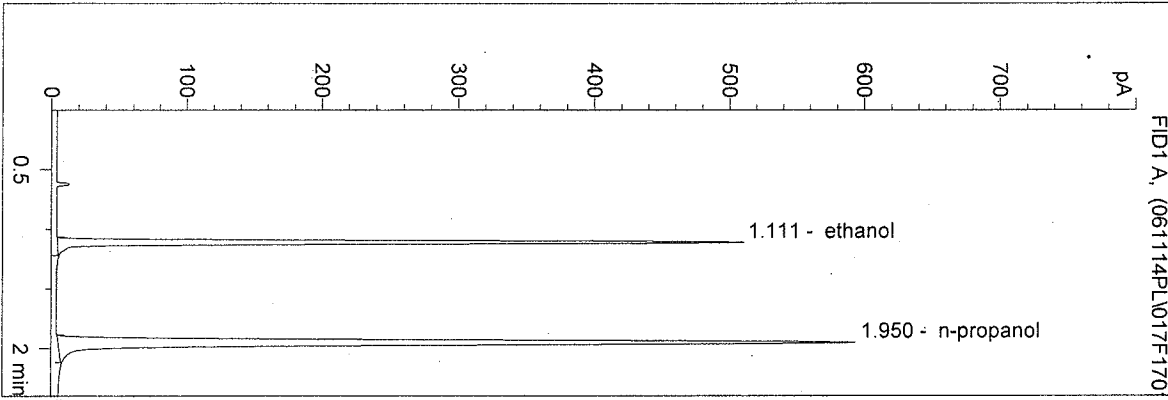


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

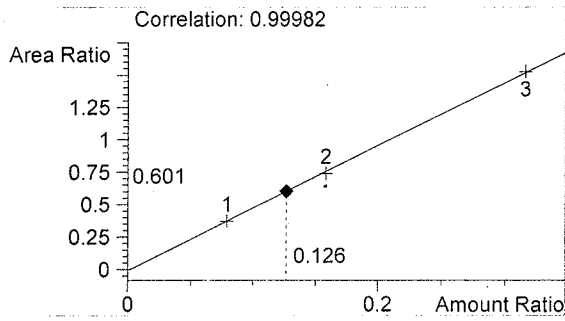
QA06046-1
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vial # 17

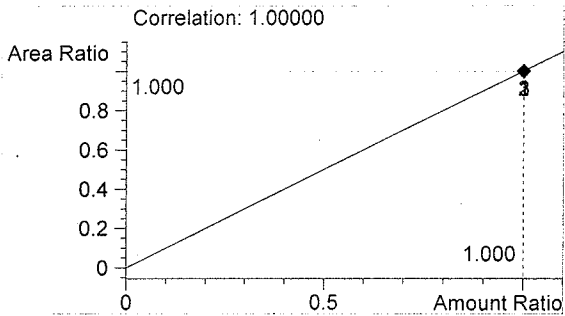


#	Compound	Area	RT
1	ethanol	1048	1.111
2	n-propanol	1745	1.950

Totals:



ethanol 0.126 g/100ml

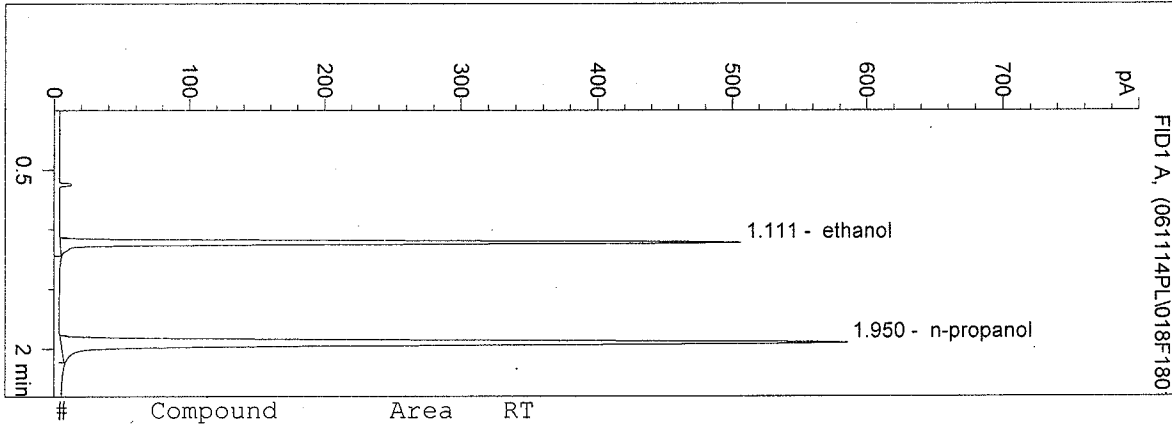


n-propanol 1.000 g/100ml

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 DB-ALC2

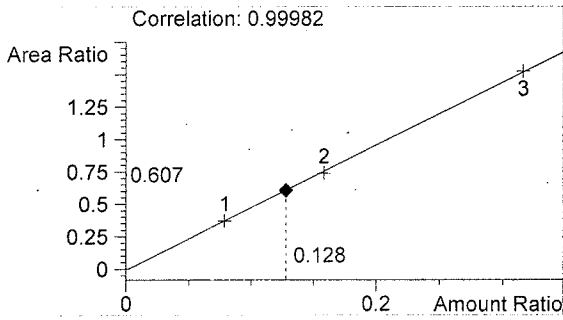
QA06046-2
 p long

vial # 18

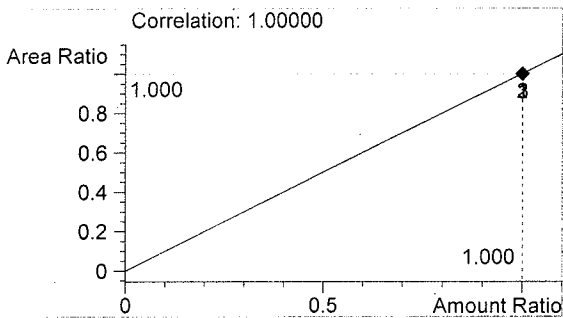


#	Compound	Area	RT
1	ethanol	1041	1.111
2	n-propanol	1715	1.950

Totals:



ethanol 0.128 g/100ml

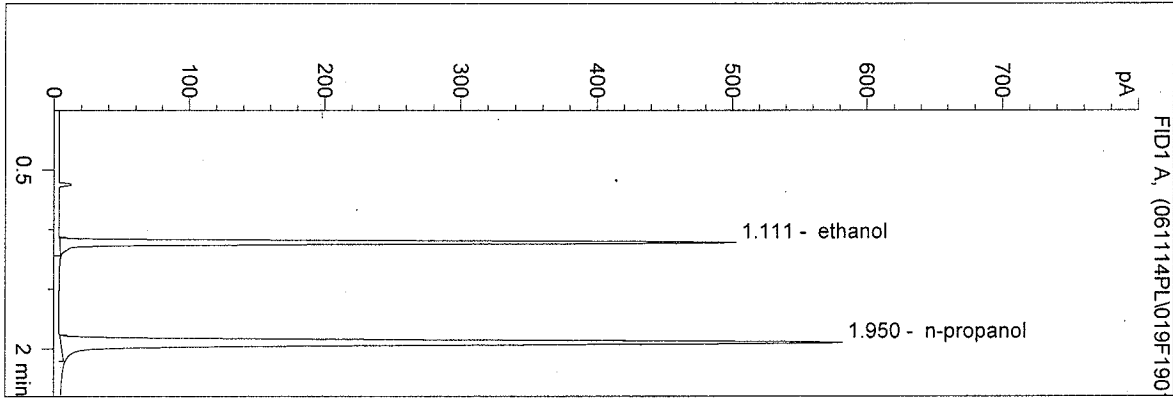


n-propanol 1.000 g/100ml

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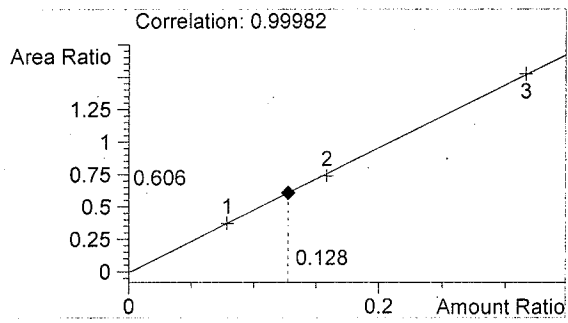
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 p long

vial # 19

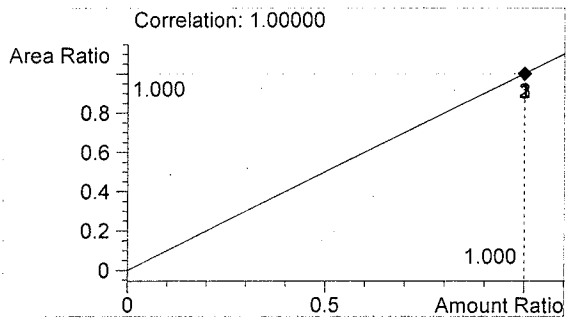


#	Compound	Area	RT
1	ethanol	1033	1.111
2	n-propanol	1704	1.950

Totals:



ethanol 0.128 g/100ml

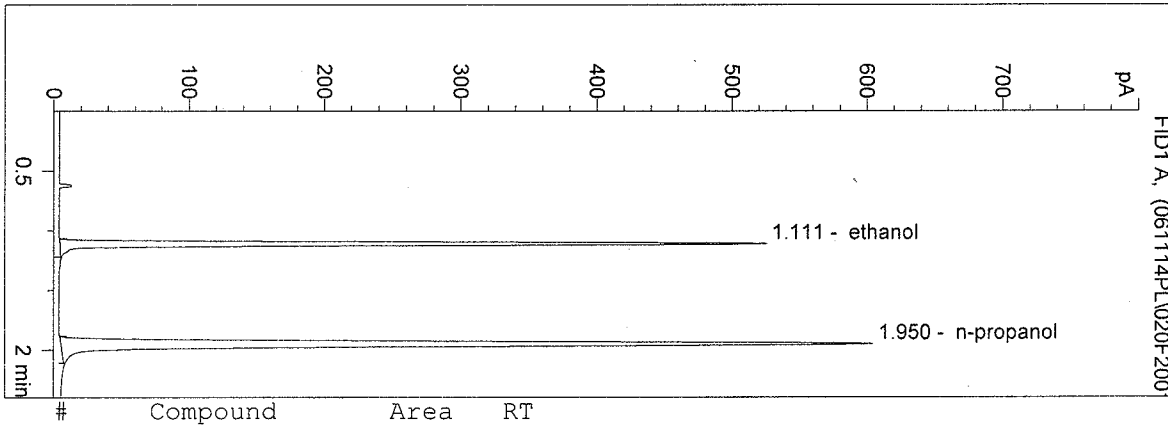


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

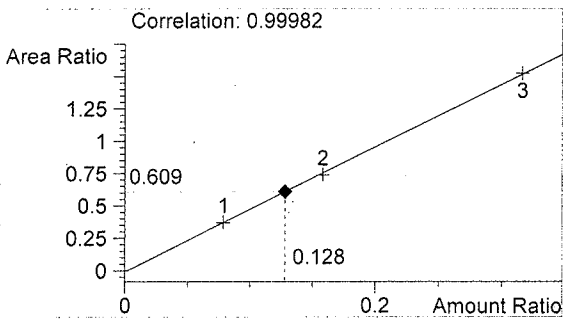
QA06046-4
 p long

vial # 20

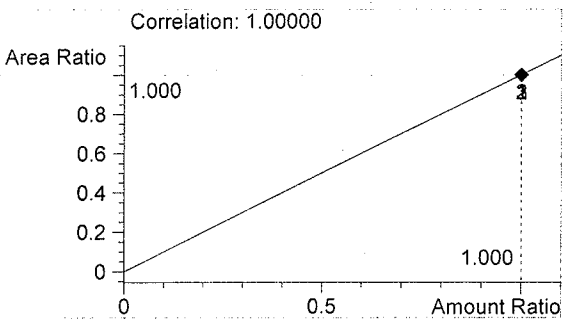


#	Compound	Area	RT
1	ethanol	1080	1.111
2	n-propanol	1775	1.950

Totals:



ethanol 0.128 g/100ml

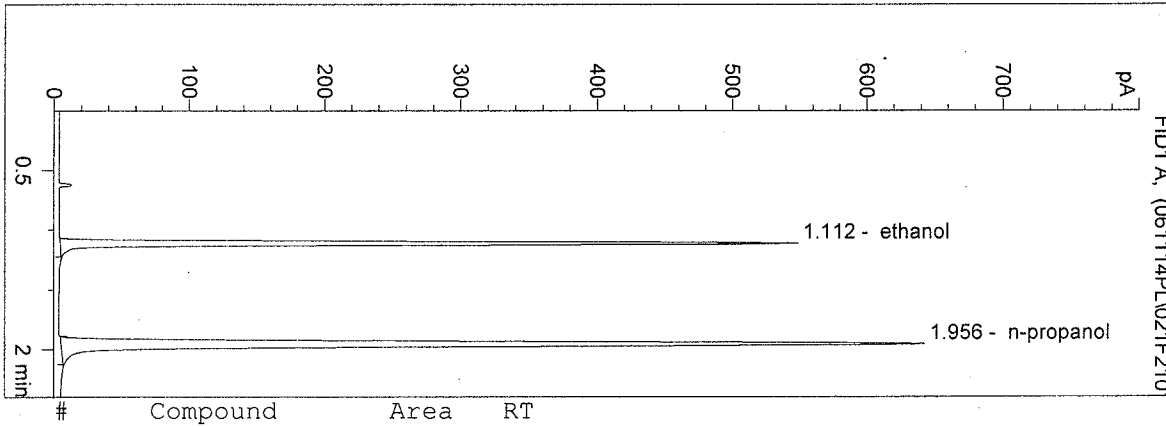


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

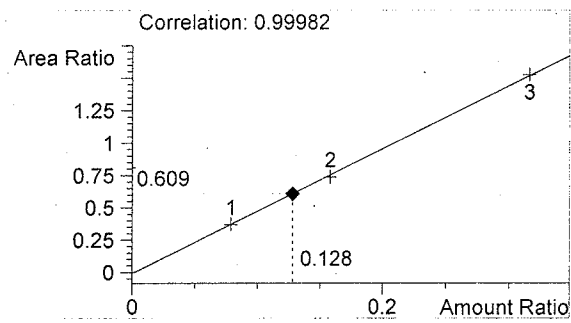
QA06046-5
 p long

vial # 21

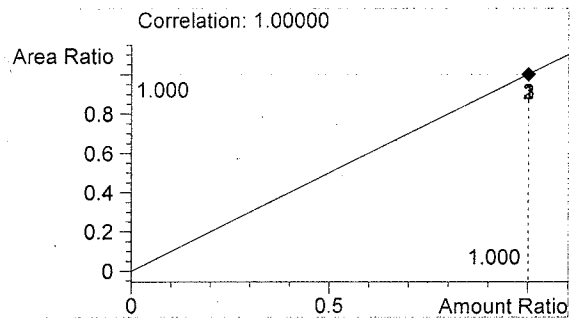


#	Compound	Area	RT
1	ethanol	1157	1.112
2	n-propanol	1900	1.956

Totals:



ethanol 0.128 g/100ml

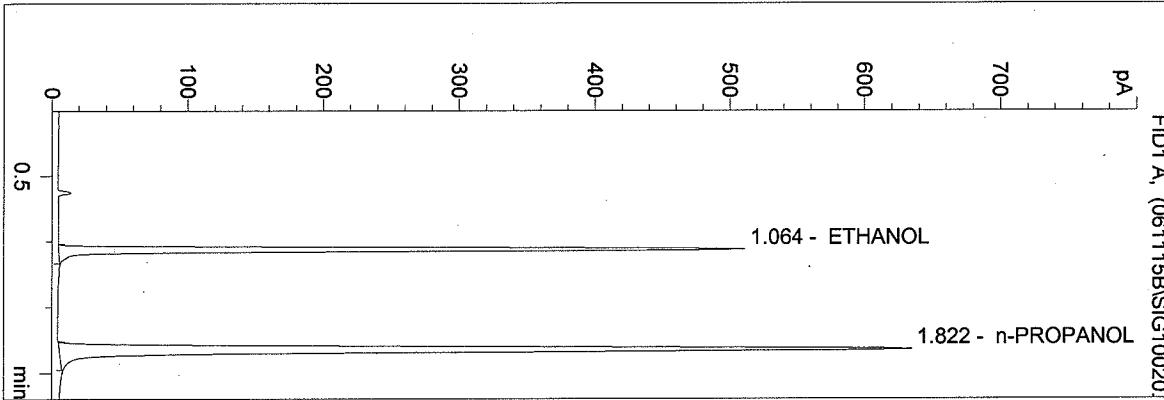


n-propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/15/2006 1:56:05 PM
 Instrument 3
 db-alc2

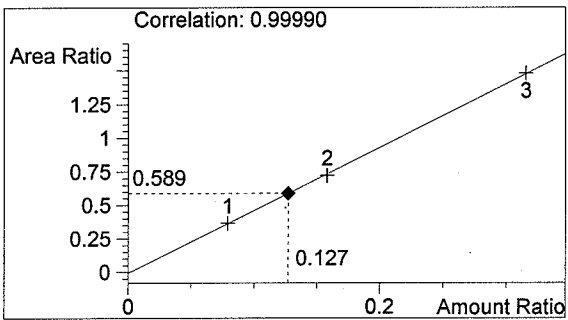
06046 QA-1
 N Nuwayhid, PhD

vial # 20



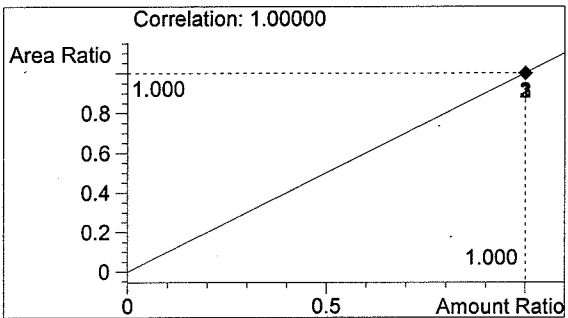
#	Compound	Area	RT
1	ETHANOL	1039	1.064
2	n-PROPANOL	1765	1.822

Totals:



ETHANOL

0.127 g/100ml

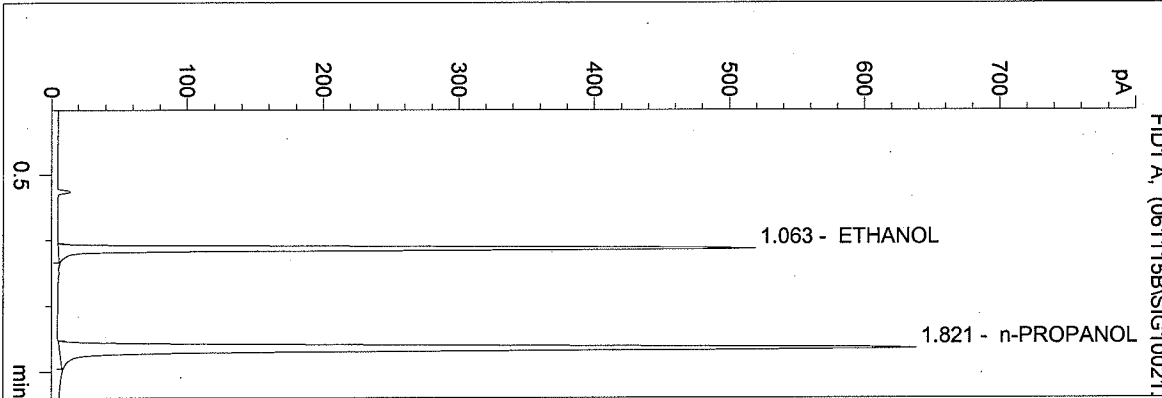


n-PROPANOL

1.000 g/100ml

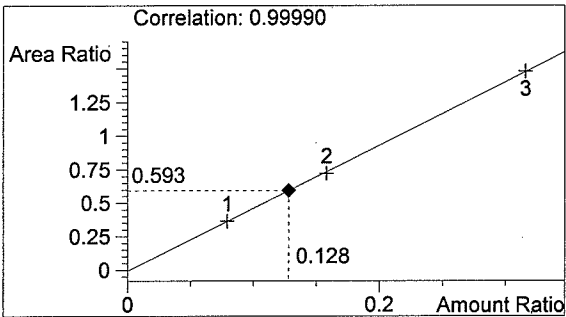
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 Instrument 3
 db-alc2

06046 QA-2
 N Nuwayhid, PhD
 vial # 21



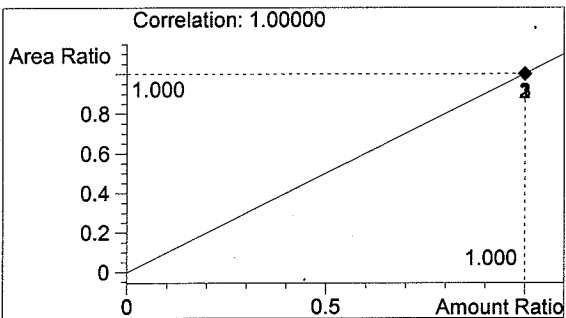
#	Compound	Area	RT
1	ETHANOL	1051	1.063
2	n-PROPANOL	1771	1.821

Totals:



ETHANOL

0.128 g/100ml



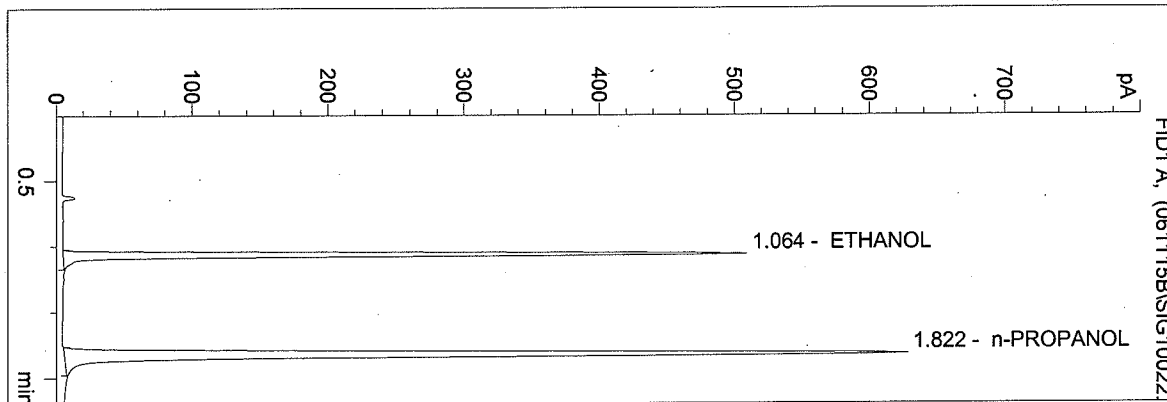
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/15/2006 2:02:20 PM
 Instrument 3
 db-alc2

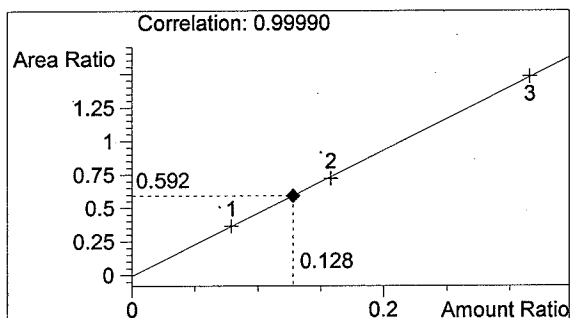
06046 QA-3
 N Nuwayhid, PhD

vial # 22



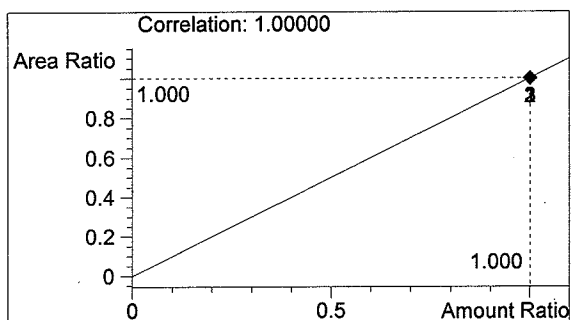
#	Compound	Area	RT
1	ETHANOL	1032	1.064
2	n-PROPANOL	1744	1.822

Totals:



ETHANOL

0.128 g/100ml



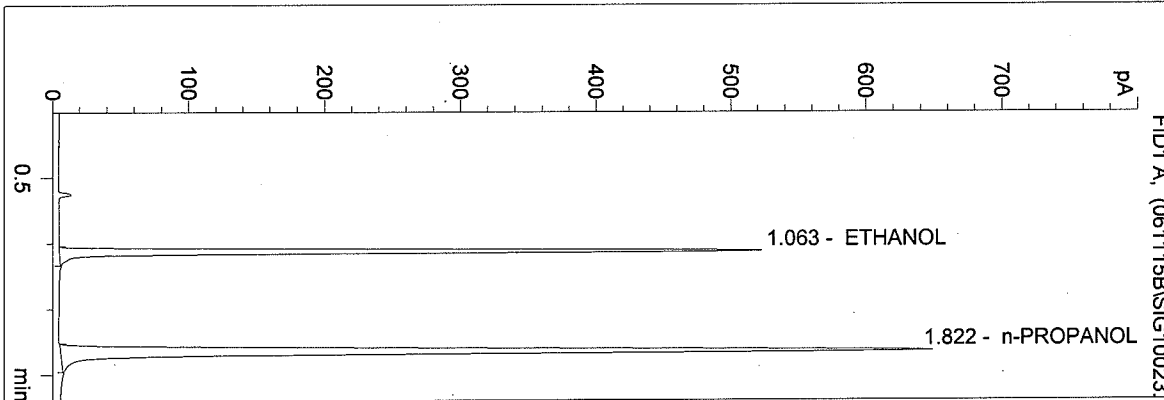
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/15/2006 2:05:27 PM
 Instrument 3
 db-alc2

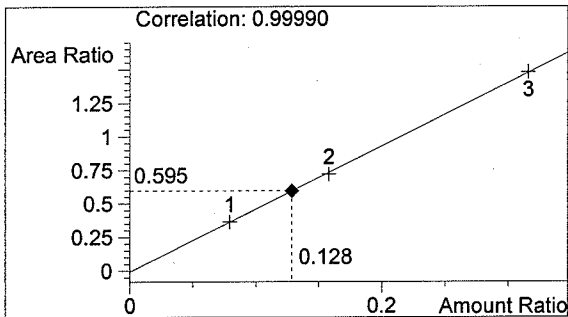
06046 QA-4
 N Nuwayhid, PhD

vial # 23



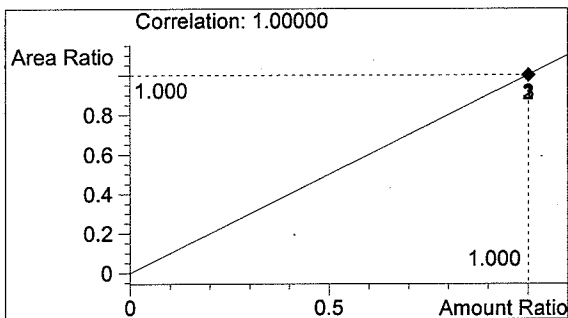
#	Compound	Area	RT
1	ETHANOL	1075	1.063
2	n-PROPANOL	1806	1.822

Totals:



ETHANOL

0.128 g/100ml



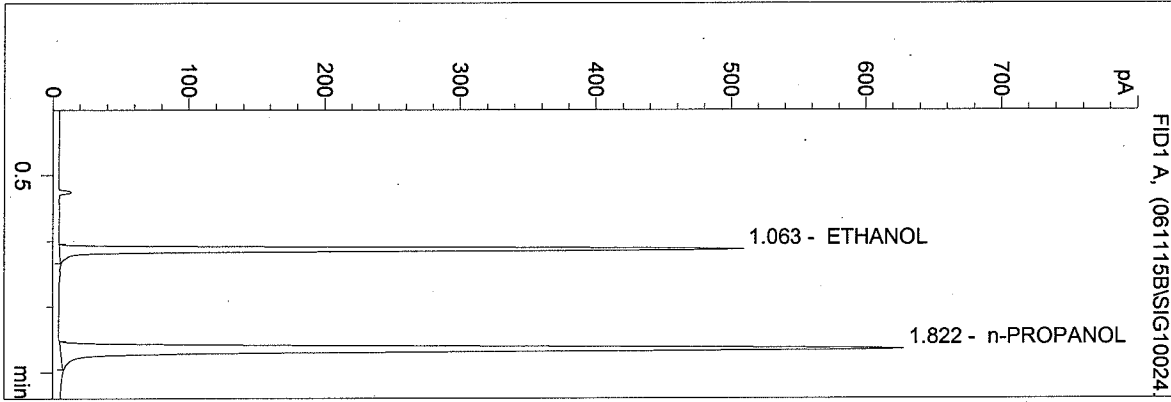
n-PROPANOL

1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

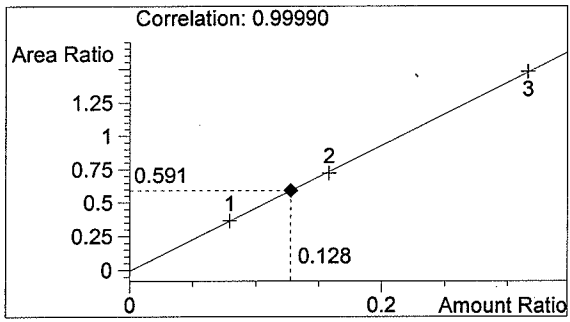
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 11/15/2006 2:08:34 PM
 Instrument 3
 db-alc2

06046 QA-5
 N Nuwayhid, PhD
 vial # 24



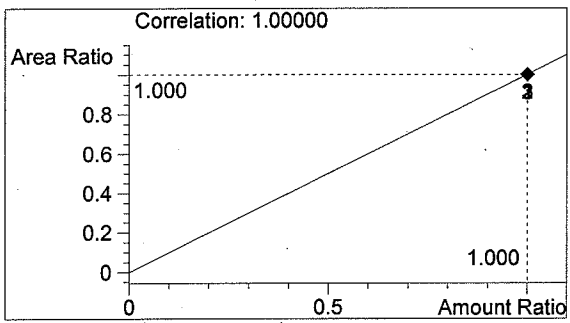
#	Compound	Area	RT
1	ETHANOL	1032	1.063
2	n-PROPANOL	1744	1.822

Totals:



ETHANOL

0.128 g/100ml



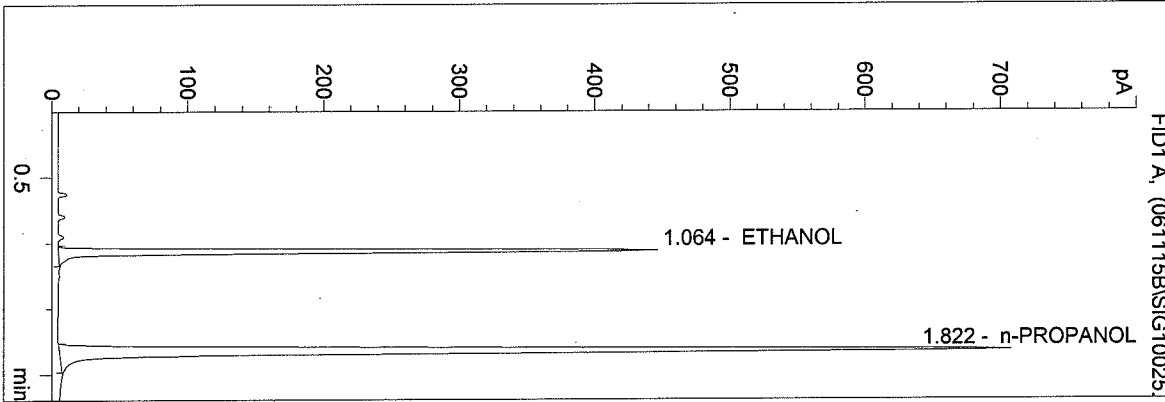
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO3.M
 11/15/2006 2:11:41 PM
 Instrument 3
 db-alc2

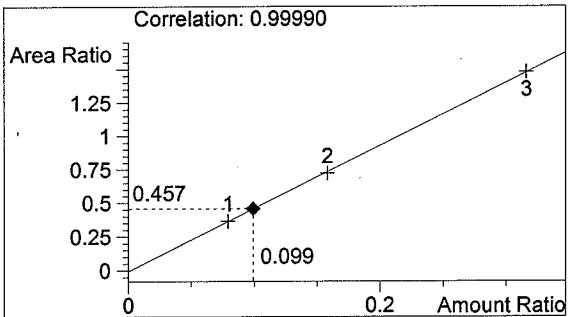
0.10 NN
~~0.20~~ Ctrl-NN
 N Nuwayhid, PhD

vial # 25

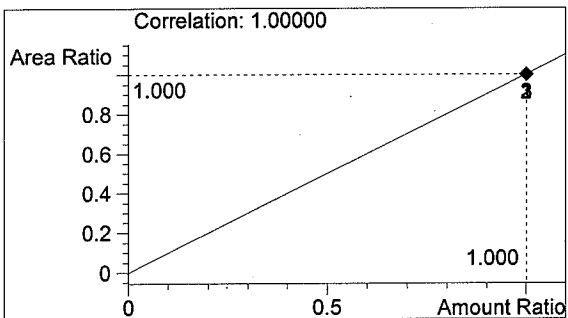


#	Compound	Area	RT
1	ETHANOL	897	1.064
2	n-PROPANOL	1961	1.822

Totals:



0.099 g/100ml

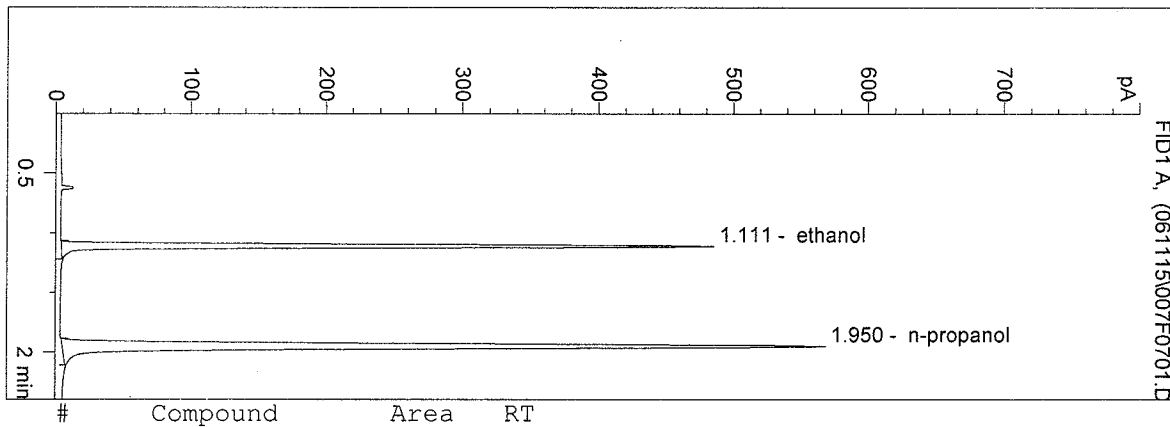


1.000 g/100ml

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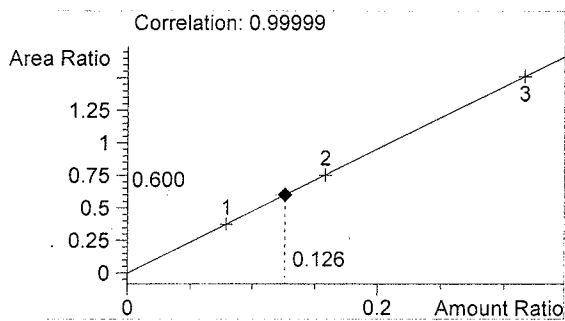
06046
 ED FORMOSO

vial # 7

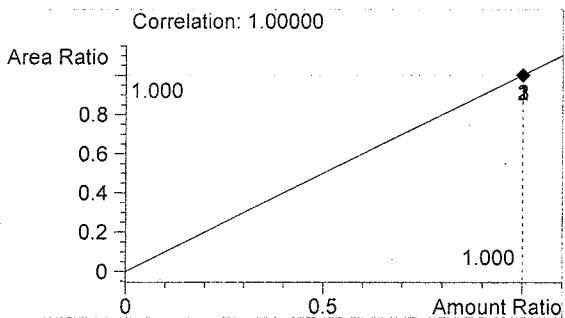


#	Compound	Area	RT
1	ethanol	1001	1.111
2	n-propanol	1668	1.950

Totals:



ethanol 0.126 g/100ml

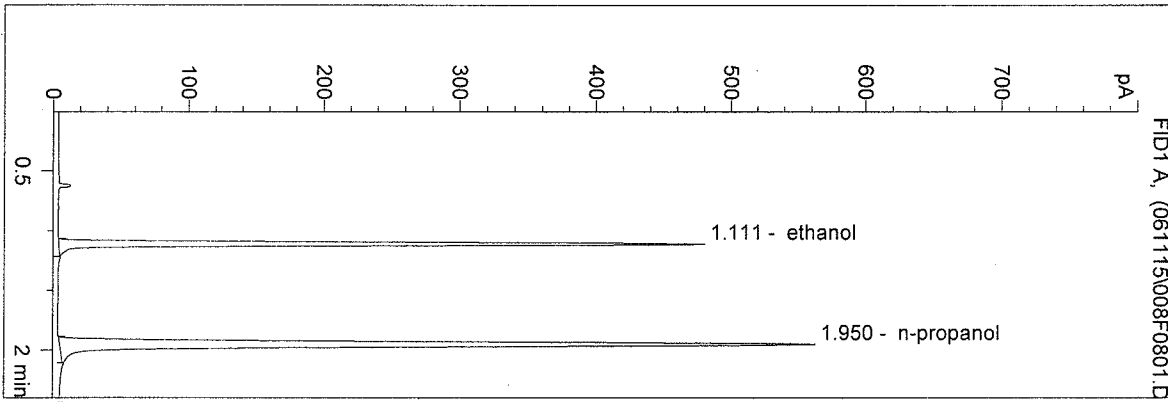


n-propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

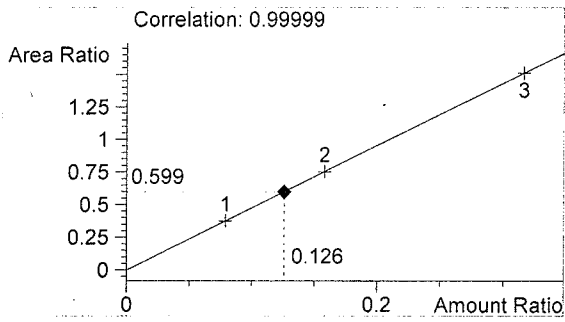
06046
 ED FORMOSO

vial # 8

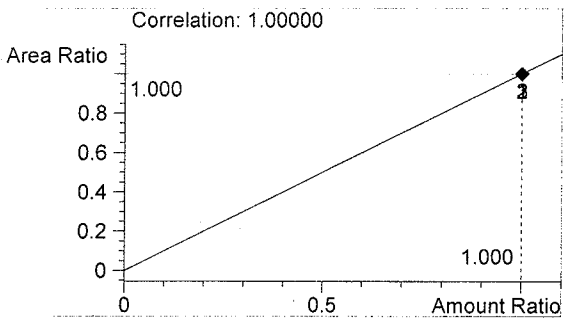


#	Compound	Area	RT
1	ethanol	989	1.111
2	n-propanol	1652	1.950

Totals:



ethanol 0.126 g/100ml

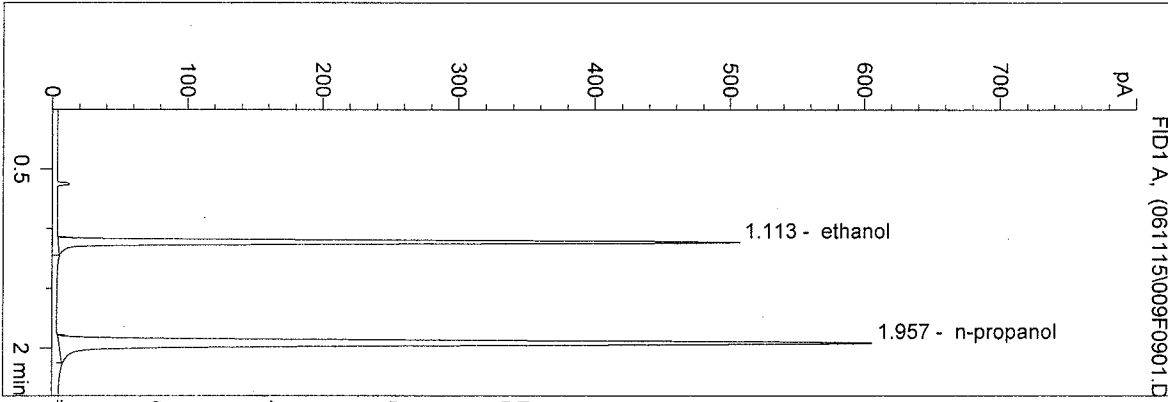


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 11/15/2006 4:52:08 PM
 Instrument 5
 DB-ALC2

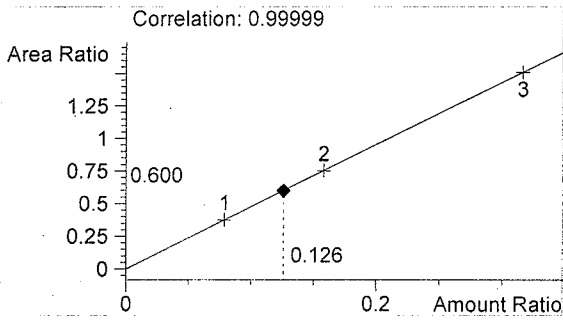
06046
 ED FORMOSO

vial # 9

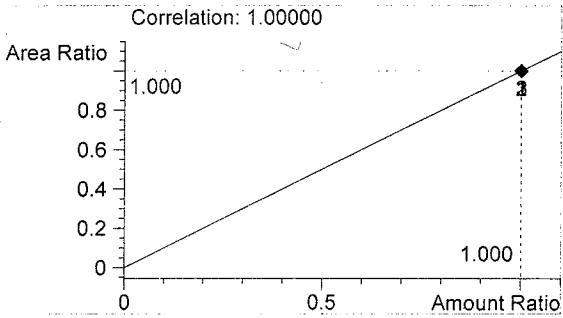


#	Compound	Area	RT
1	ethanol	1079	1.113
2	n-propanol	1798	1.957

Totals:



ethanol 0.126 g/100ml

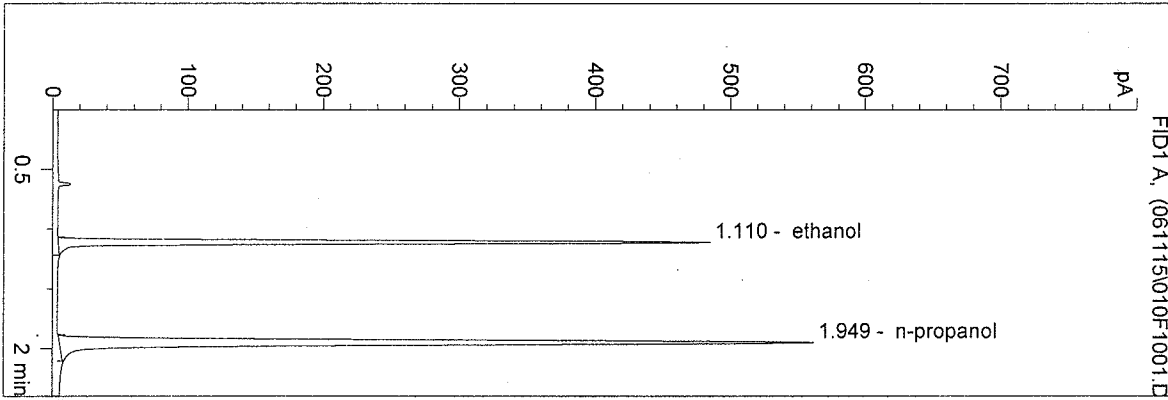


n-propanol 1.000 g/100ml

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 11/15/2006 4:57:02 PM
 Instrument 5
 DB-ALC2

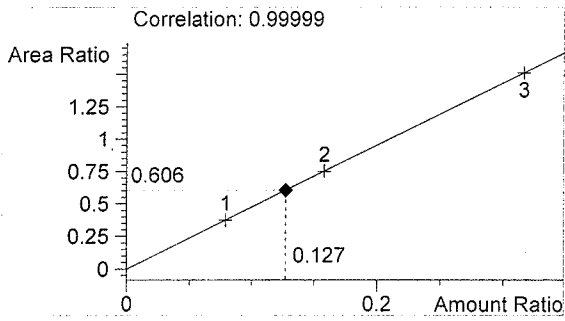
06046
 ED FORMOSO

vial # 10

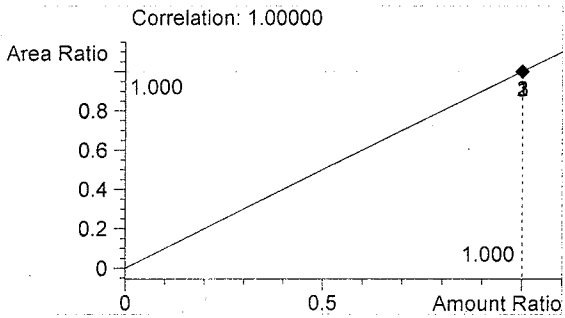


#	Compound	Area	RT
1	ethanol	995	1.110
2	n-propanol	1642	1.949

Totals:



ethanol 0.127 g/100ml

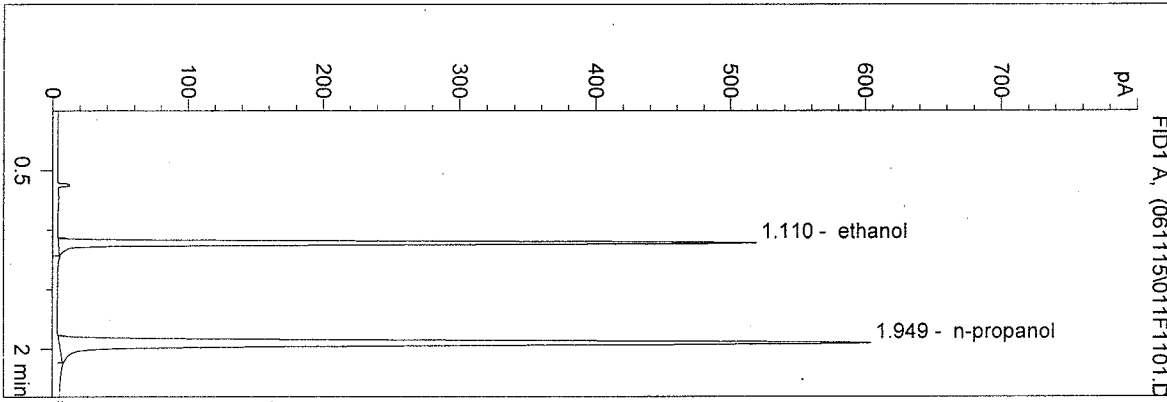


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 11/15/2006 5:00:26 PM
 Instrument 5
 DB-ALC2

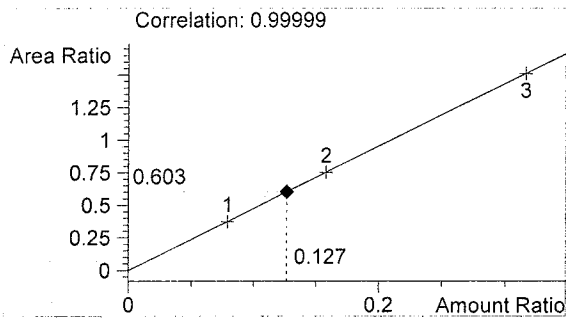
06046
 ED FORMOSO

vial # 11

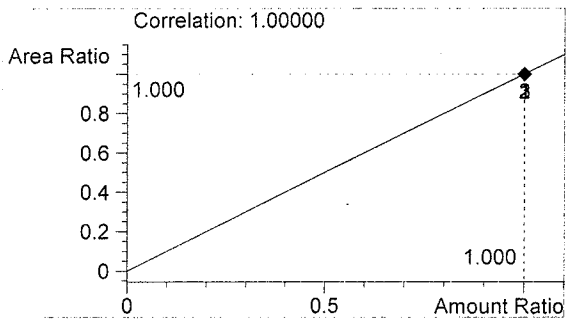


#	Compound	Area	RT
1	ethanol	1068	1.110
2	n-propanol	1770	1.949

Totals:



ethanol 0.127 g/100ml

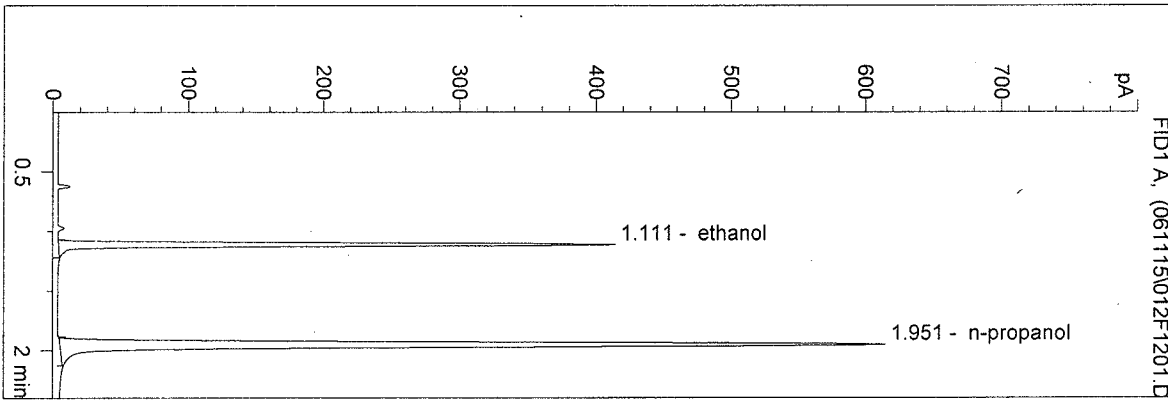


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 11/15/2006 5:04:04 PM
 Instrument 5
 DB-ALC2

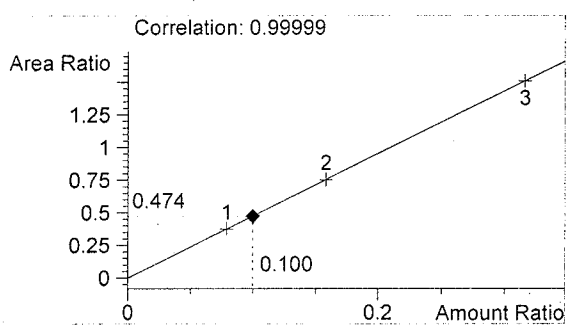
0.10 CONTROL
 ED FORMOSO

vial # 12

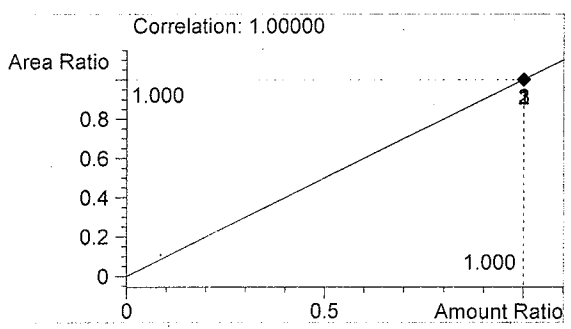


#	Compound	Area	RT
1	ethanol	859	1.111
2	n-propanol	1810	1.951

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml