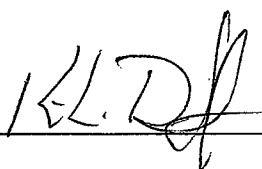
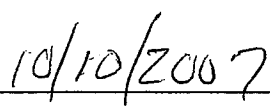
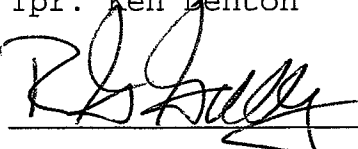



## Notice of Simulator Solution File Review

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/ROD GUNBERG Date 10-5-07  
Location TOX LAB SEATTLE Batch Number 06008

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: R. J. Gilly Date: 10-5-07  
Reviewer Signature: K.L. T... 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**

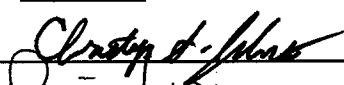
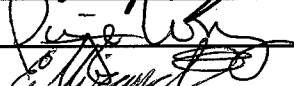
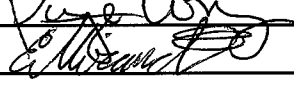
Preparation and certification of **0.04** g/210L Quality Assurance solution  
 Batch number **06008** Date: 2/9/2006  
 Preparation: 11.1 mL of absolute ethyl alcohol diluted to 18 Liters with water  
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	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	0.049	0.050	0.049													
2	0.049	0.050	0.049													
3	0.049	0.050	0.048													
4	0.049	0.050	0.050													
5	0.049	0.050	0.050													
Ctrl	0.101	0.101	0.099													

**External Control:**  
 Lot #: A03592520 Exp date: 07-09  
 Target concentration: 0.10 g/100mL

**Statistics:**  
 Avg. solution concent.: 0.0494 g/100 mL  
 SD: 0.00063  
 Range (3xSD): 0.0475 to 0.0513  
 Precision CV (%): 1.2803 %

**Equivalent vapor concent.:** 0.0402 g/210L

<u>Analyst</u>	<u>Name</u>	<u>Signature</u>	<u>Date</u>
1	Christopher S Johnston		02/09/2006
2	Paige Long		02/10/2006
3	Estuardo J. Miranda		02/10/2006
4			
5			
6			
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14			
15			
16			

Prepared by: Christopher S Johnston according to the approved protocol



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WASHINGTON STATE PATROL  
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DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION

I, Christopher S. Johnston, 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 Biochemistry.

The quality assurance solution, Lot Number 06008, was prepared in the Washington State Toxicology Laboratory on 2/9/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0494 grams per 100ml.

Dated: 3/7/2006  
Seattle, WA

Christopher S. Johnston  
Forensic Toxicologist

CSJ/ks  
CJQA

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.



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DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION

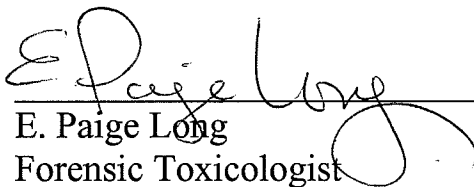
I, E. Paige Long, do certify under penalty of perjury that:

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 06008, was prepared in the Washington State Toxicology Laboratory on 2/9/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0494 grams per 100ml.

Dated: 3/7/2006  
Seattle, WA

  
E. Paige Long  
Forensic Toxicologist

EPL/ks  
PLQA





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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, Estuardo J. Miranda, 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 of Science in Chemistry, Master of Science in Zoology, eight years experience in biochemical research and seven years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 06008, was prepared in the Washington State Toxicology Laboratory on 2/9/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.0494 grams per 100ml.

Dated: 3/7/2006  
Seattle, WA

Estuardo J. Miranda  
Forensic Toxicologist

EM/ks  
EMQA

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.

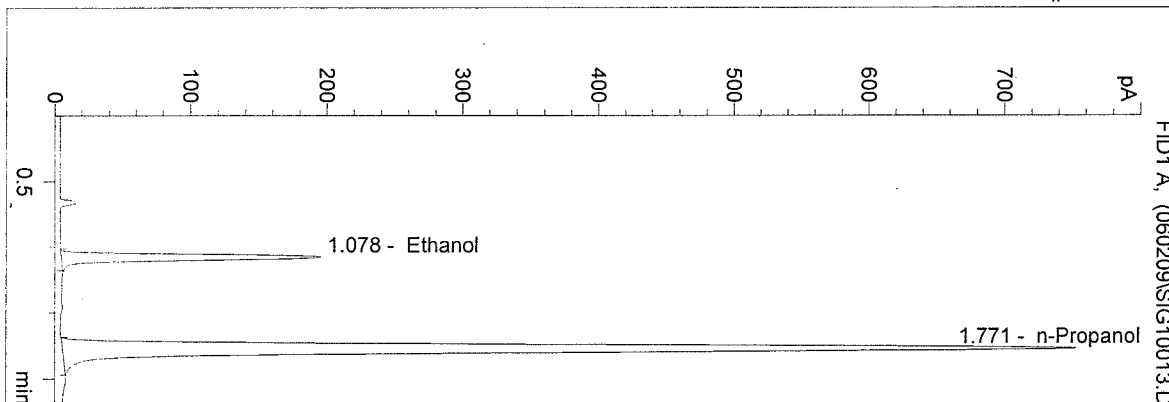
10-10-2007



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 DB BAC 1

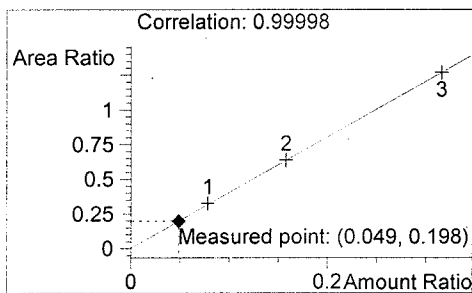
QA 6008  
 Chris Johnston

vial # 13



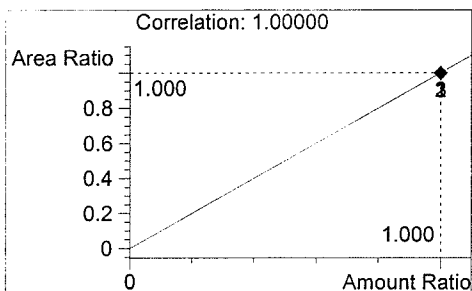
#	Compound	Area	RT
1	Ethanol	587	1.078
2	n-Propanol	2962	1.771

Tot



Ethanol

0.049 g/100ml



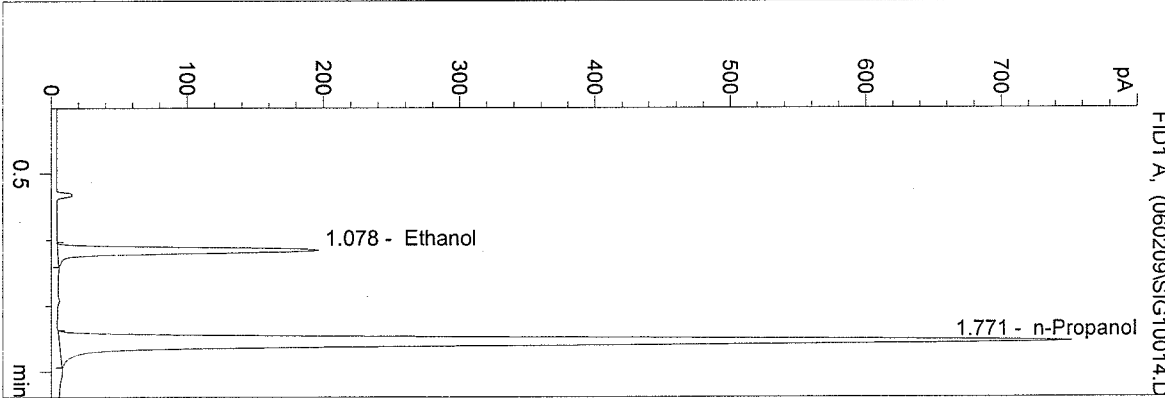
n-Propanol

1.000 g/100ml

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 2/9/2006 12:27:36 PM  
 Instrument 1  
 DB BAC 1

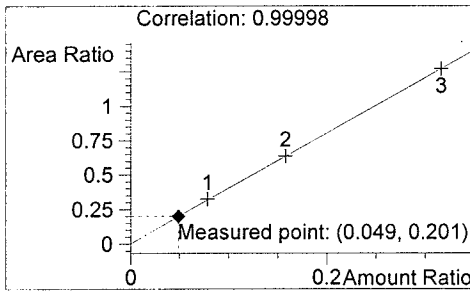
QA 6008  
 Chris Johnston

vial # 14



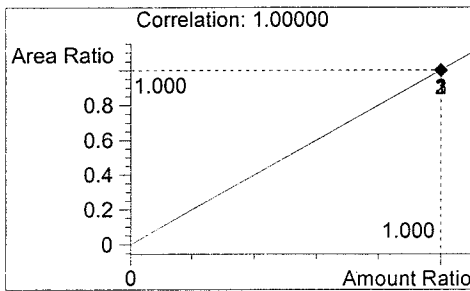
#	Compound	Area	RT
1	Ethanol	597	1.078
2	n-Propanol	2974	1.771

Tot



Ethanol

0.049 g/100ml



n-Propanol

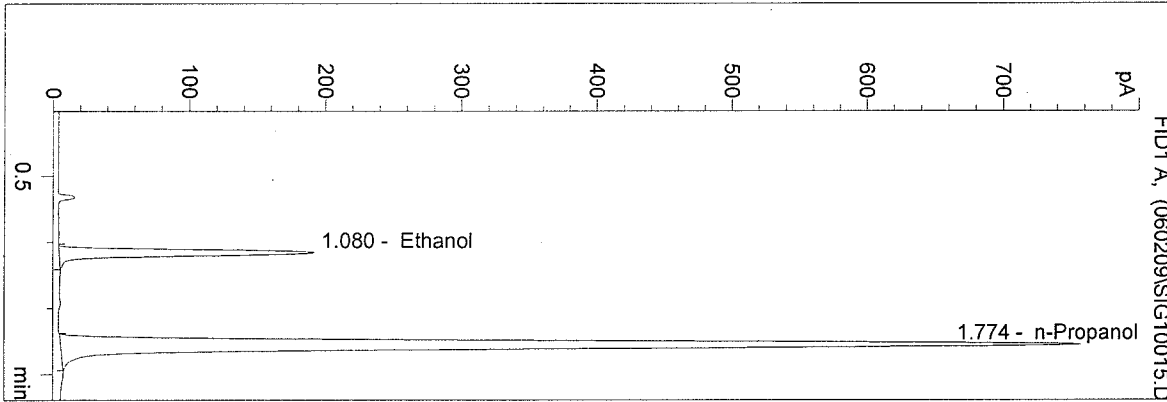
1.000 g/100ml



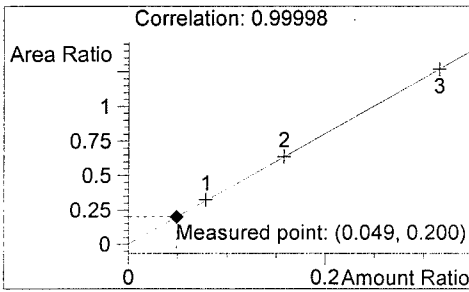
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QA 6008  
 Chris Johnston

vial # 15

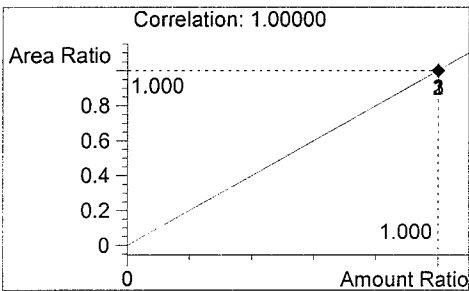


#	Compound	Area	RT
1	Ethanol	603	1.080
2	n-Propanol	3018	1.774
Tot			



Ethanol

0.049 g/100ml



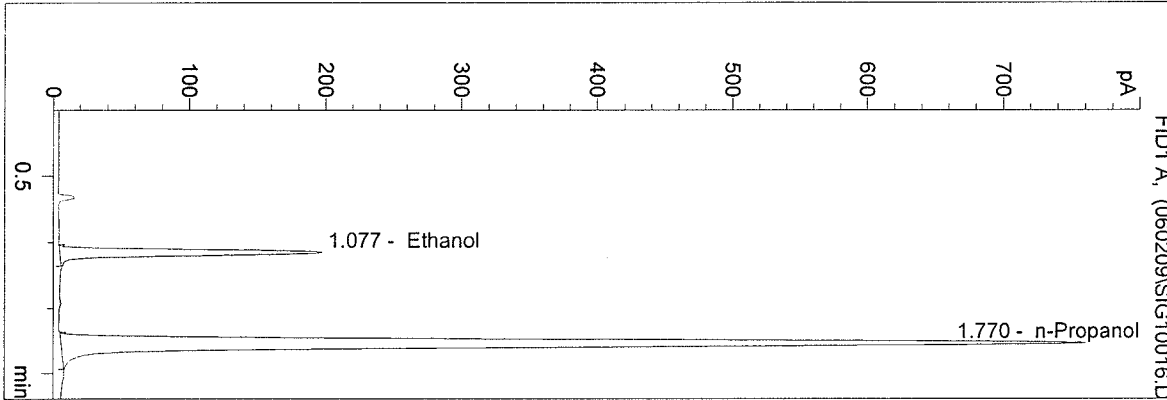
n-Propanol

1.000 g/100ml

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 Instrument 1  
 DB BAC 1

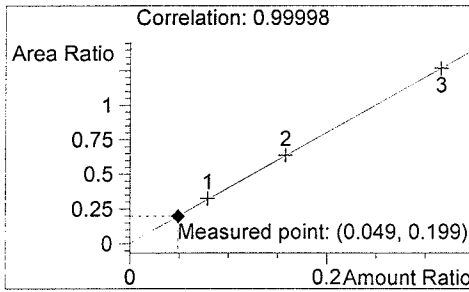
QA 6008  
 Chris Johnston

vial # 16



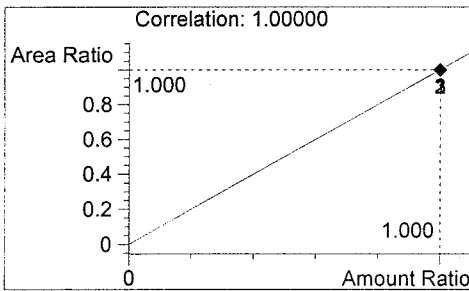
#	Compound	Area	RT
1	Ethanol	595	1.077
2	n-Propanol	2999	1.770

Tot



Ethanol

0.049 g/100ml

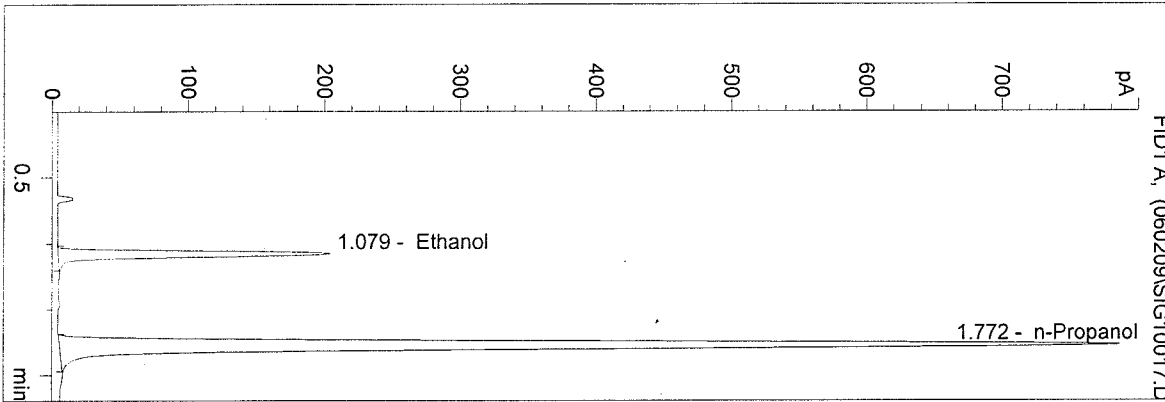


n-Propanol

1.000 g/100ml

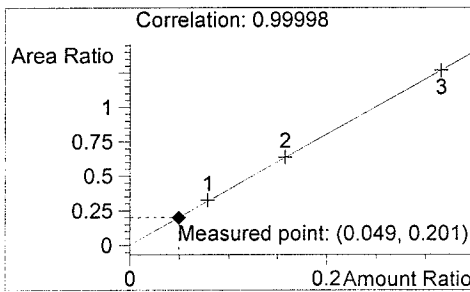
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 Instrument 1  
 DB BAC 1

QA 6008  
 Chris Johnston  
 vial # 17



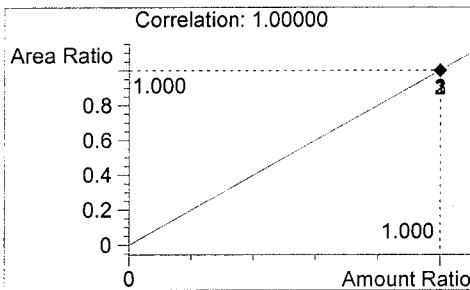
#	Compound	Area	RT
1	Ethanol	626	1.079
2	n-Propanol	3112	1.772

Tot



Ethanol

0.049 g/100ml



n-Propanol

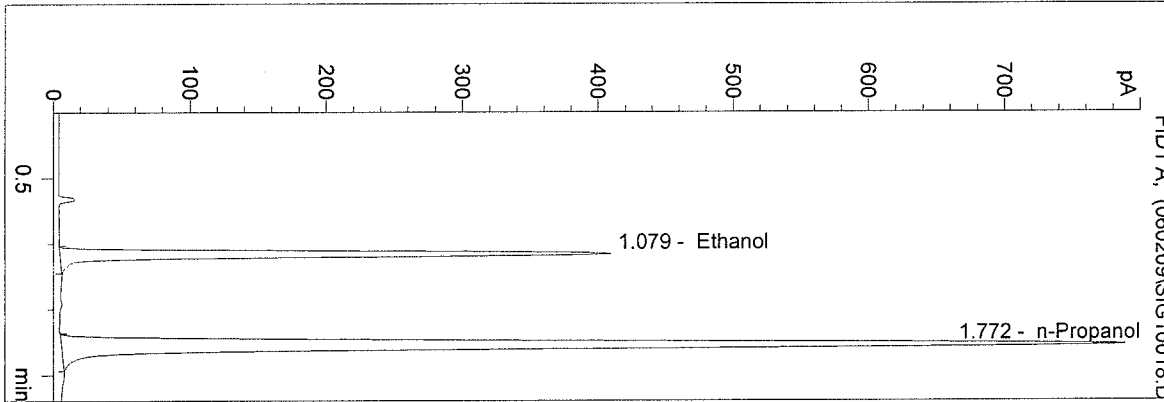
1.000 g/100ml

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C:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 1  
 DB BAC 1

0.10 CONTROL-CJ  
 Chris Johnston

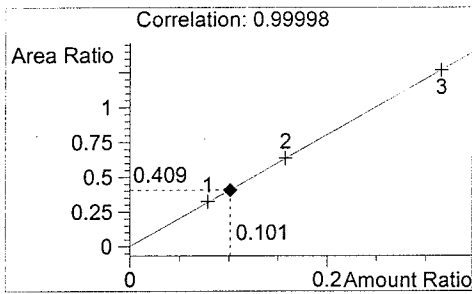
vial # 18



FID1 A: (060209)SIG10018.D

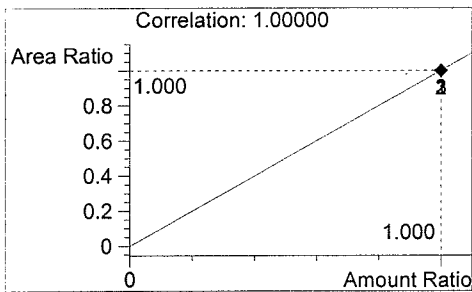
#	Compound	Area	RT
1	Ethanol	1277	1.079
2	n-Propanol	3123	1.772

Tot



Ethanol

0.101 g/100ml



n-Propanol

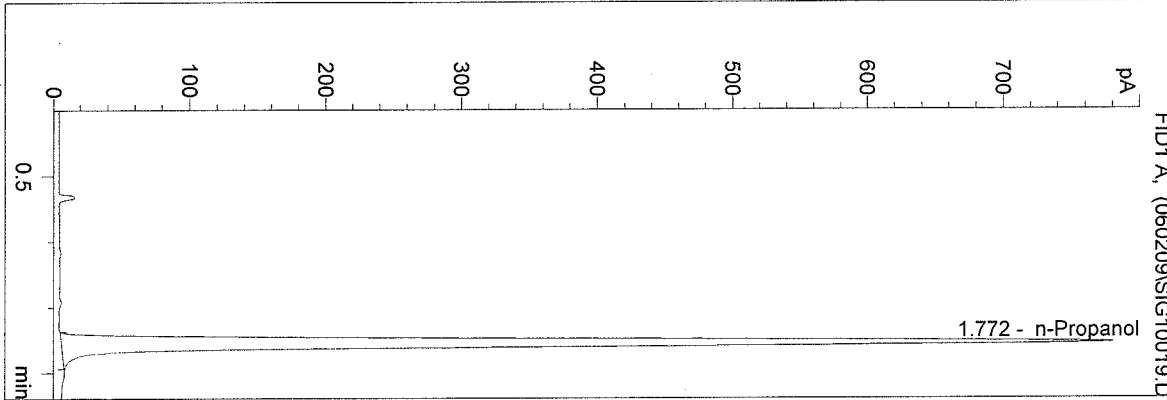
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 1  
 DB BAC 1

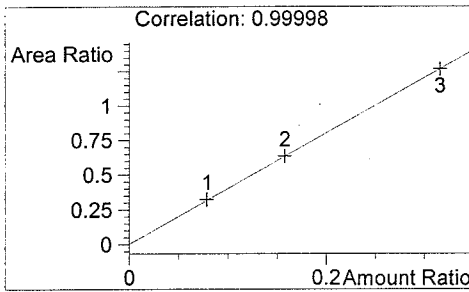
BLANK  
 Chris Johnston

vial # 19



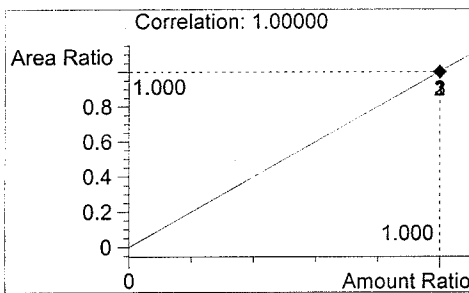
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3102	1.772

Tot



Ethanol

0.000 g/100ml



n-Propanol

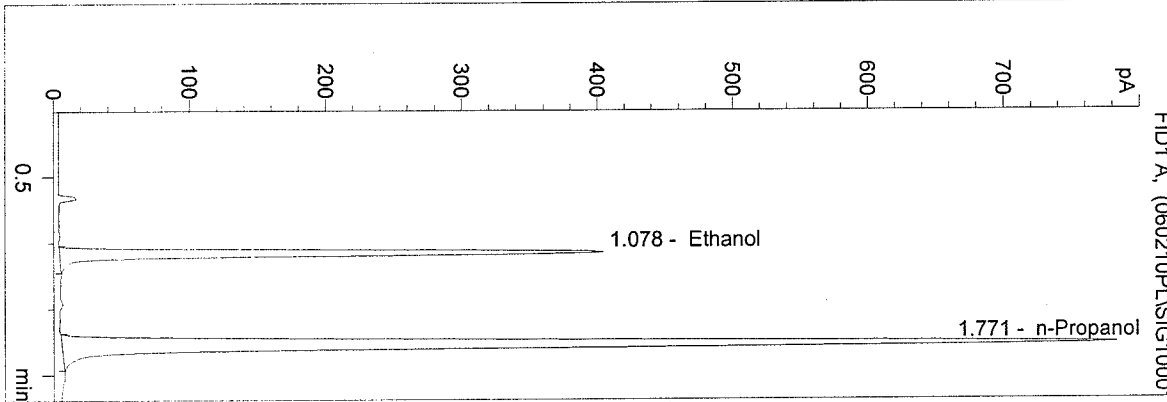
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 1  
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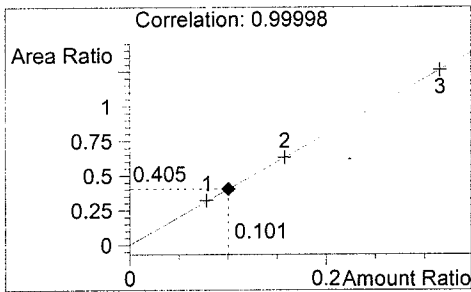
0.10ct1  
 paige long

vial # 1



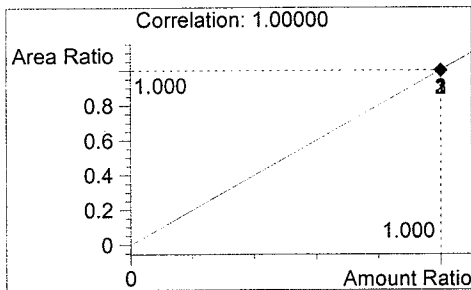
#	Compound	Area	RT
1	Ethanol	1246	1.078
2	n-Propanol	3079	1.771

Tot



Ethanol

0.101 g/100ml



n-Propanol

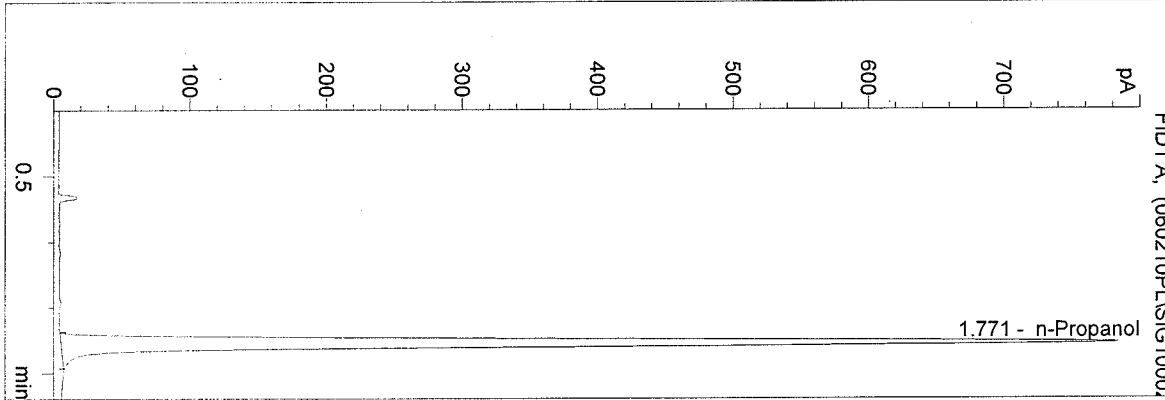
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 1  
 DB BAC 1

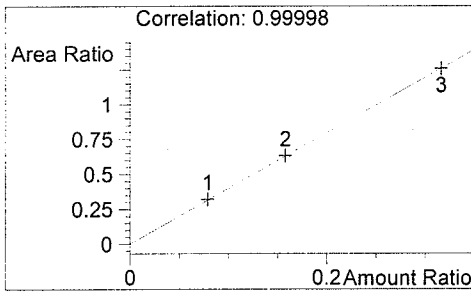
blank  
 paige long

vial # 2



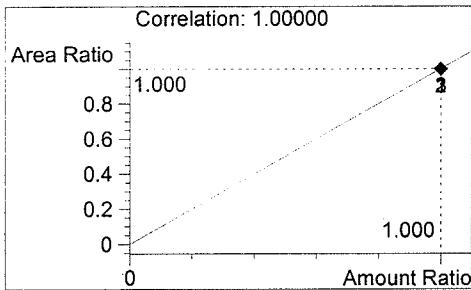
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3094	1.771

Tot



Ethanol

0.000 g/100ml



n-Propanol

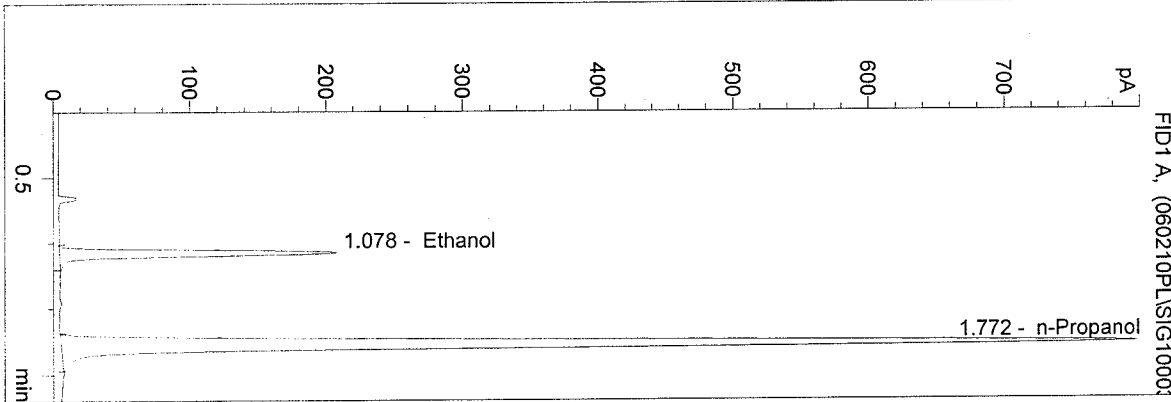
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 1  
 DB BAC 1

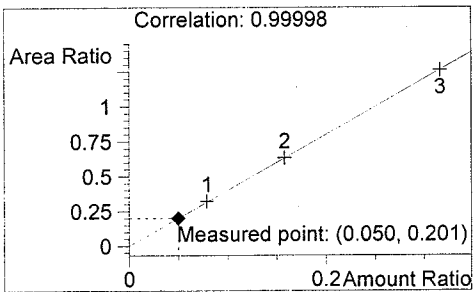
QA 06008  
 paige long

vial # 3



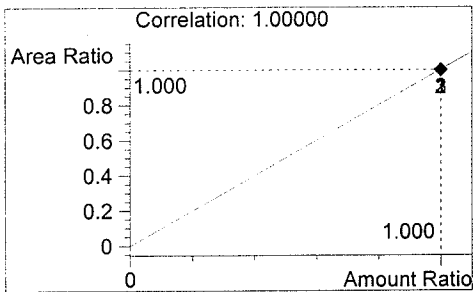
#	Compound	Area	RT
1	Ethanol	635	1.078
2	n-Propanol	3151	1.772

Tot



Ethanol

0.050 g/100ml



n-Propanol

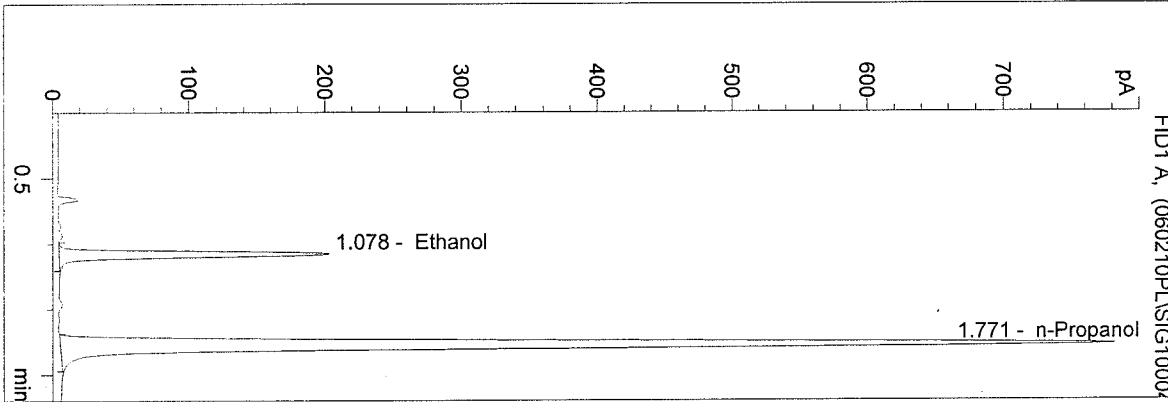
1.000 g/100ml



C:\HPCHEM\1\METHODS\BLDALCO.M  
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 DB BAC 1

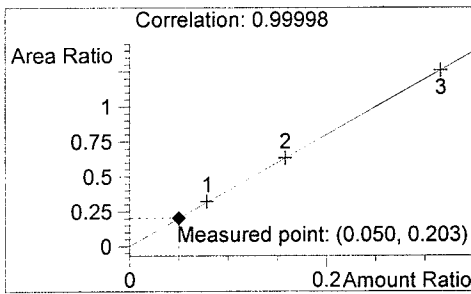
QA 06008  
 paige long

vial # 4



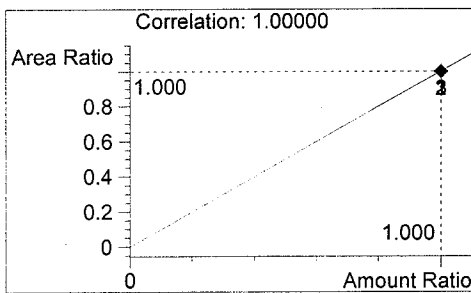
#	Compound	Area	RT
1	Ethanol	625	1.078
2	n-Propanol	3084	1.771

Tot



Ethanol

0.050 g/100ml



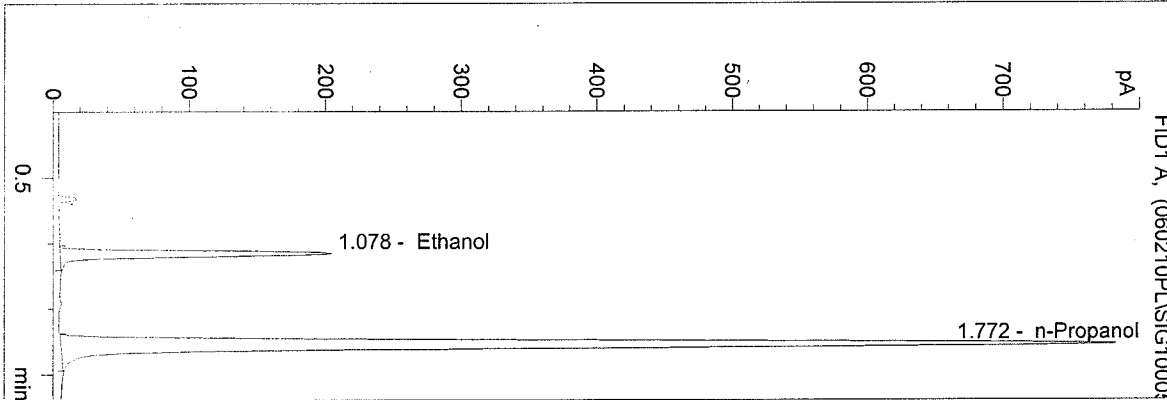
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 1  
 DB BAC 1

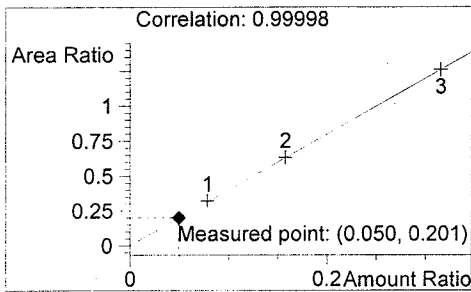
QA 06008  
 paige long

vial # 5



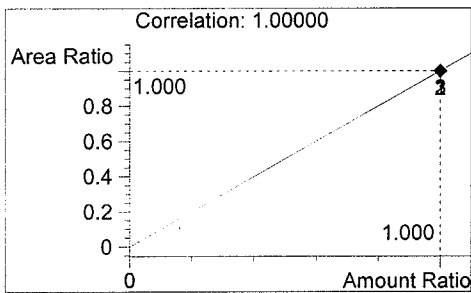
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1	Ethanol	621	1.078
2	n-Propanol	3091	1.772

Tot



Ethanol

0.050 g/100ml



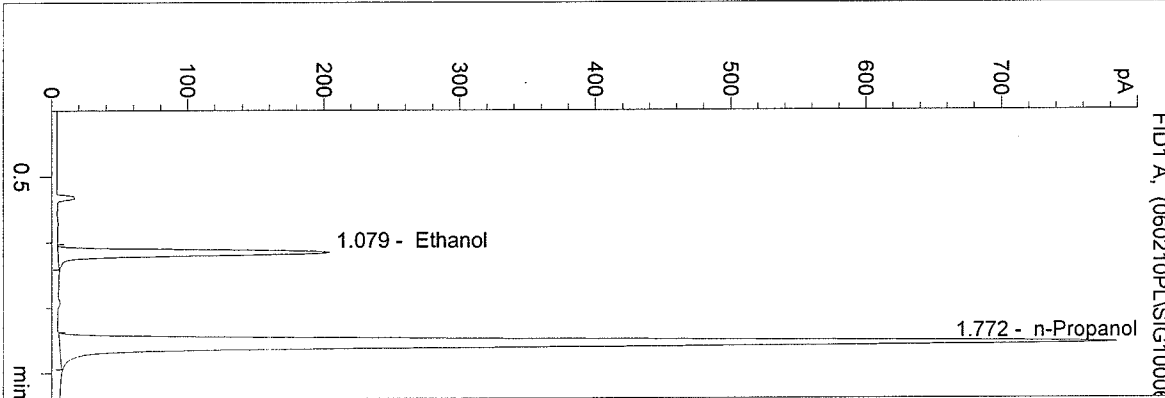
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M  
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 Instrument 1  
 DB BAC 1

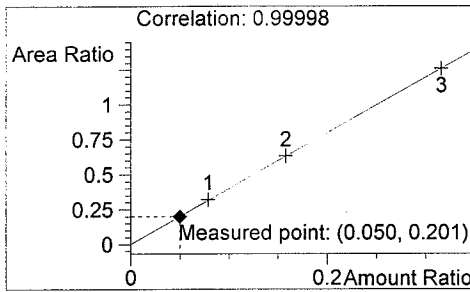
QA 06008  
 paige long

vial # 6



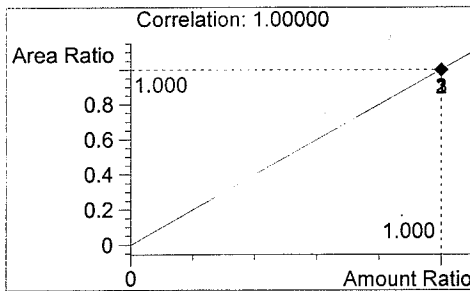
#	Compound	Area	RT
1	Ethanol	625	1.079
2	n-Propanol	3104	1.772

Tot



Ethanol

0.050 g/100ml



n-Propanol

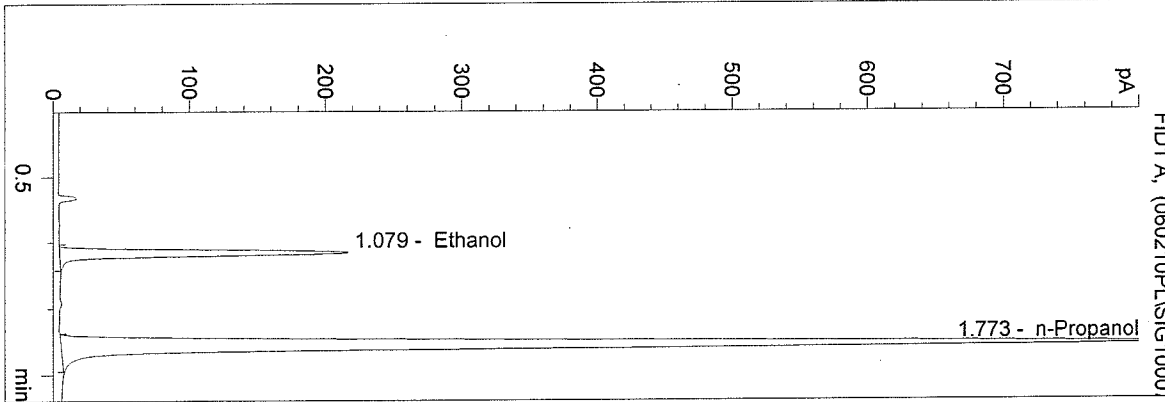
1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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 DB BAC 1

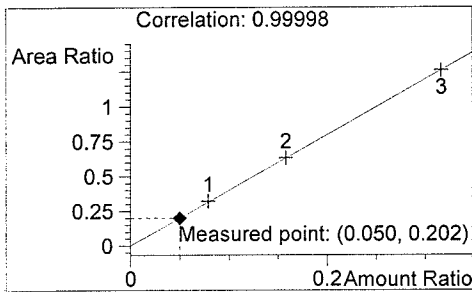
QA 06008  
 paige long

vial # 7



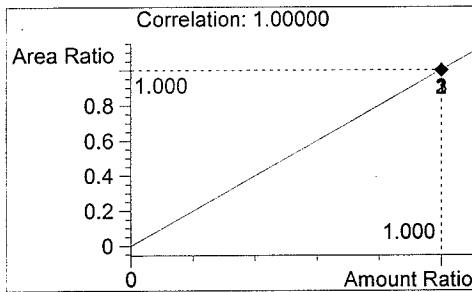
#	Compound	Area	RT
1	Ethanol	666	1.079
2	n-Propanol	3305	1.773

Tot



Ethanol

0.050 g/100ml



n-Propanol

1.000 g/100ml

Sequence Parameters:

Operator: Estuardo J. Miranda  
Data File Naming: Auto  
Data Directory: D:\HPCHEM\1\DATA\  
Data Subdirectory: 060210JM  
Part of Methods to run: According to Runtime Checklist  
Barcode Reader: not used  
Shutdown Cmd/Macro: none  
Sequence Comment:

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	QA Sol 06008-1	BLDALCO2	1	Sample		
2	Vial 2	QA Sol 06008-2	BLDALCO2	1	Sample		
3	Vial 3	QA Sol 06008-3	BLDALCO2	1	Sample		
4	Vial 4	QA Sol 06008-4	BLDALCO2	1	Sample		
5	Vial 5	QA Sol 06008-5	BLDALCO2	1	Sample		
6	Vial 6	0.100 Control EM	BLDALCO2	1	Ctrl Samp		
7	Vial 7	Blank	BLDALCO2	1	Sample		

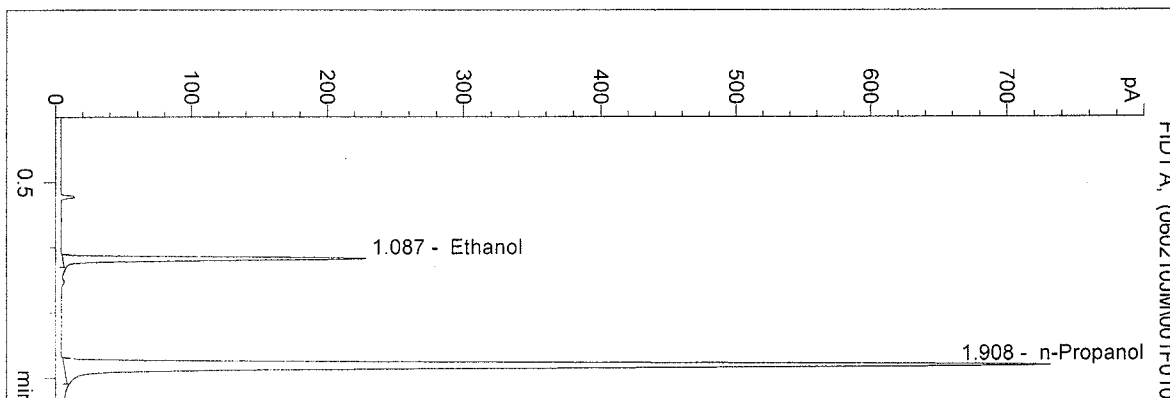
Sequence Table (Back Injector):

No entries - empty table!

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 2/10/2006 5:46:59 PM  
 Instrument 5  
 DB-ALC2

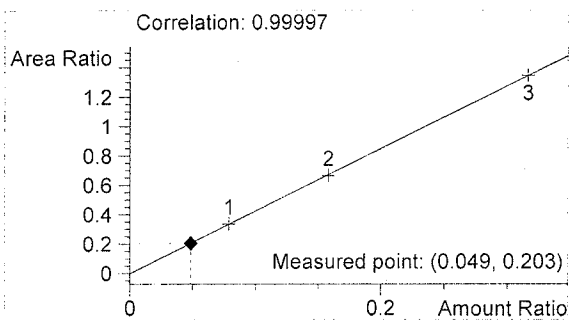
QA Sol 06008-1  
 Estuardo J. Miranda

vial # 1

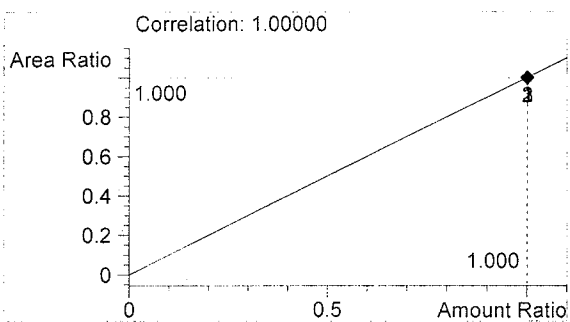


#	Compound	Area	RT
1	Ethanol	429	1.087
2	n-Propanol	2111	1.908

Totals:



Ethanol 0.049 g/100ml

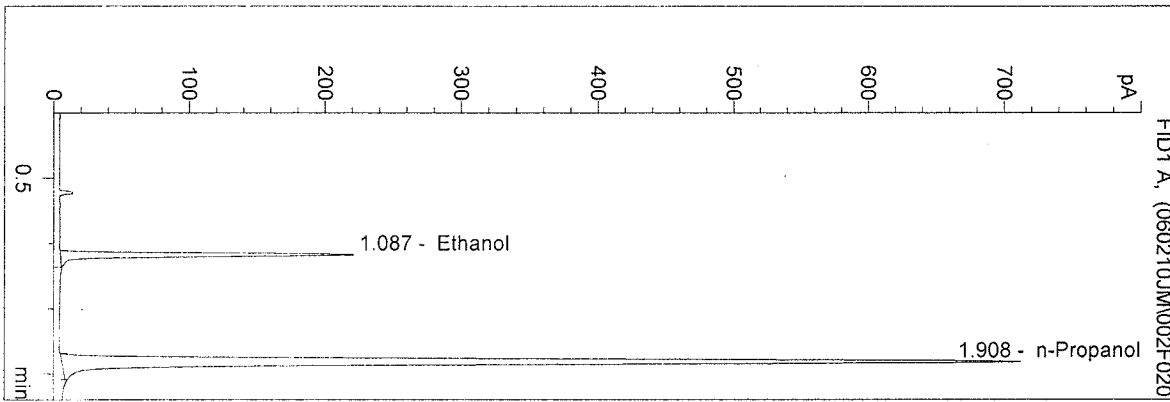


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 2/10/2006 5:50:12 PM  
 Instrument 5  
 DB-ALC2

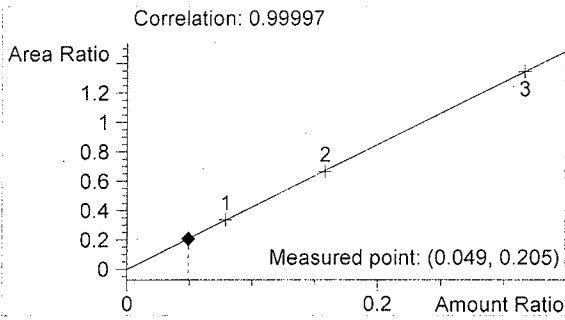
QA Sol 06008-2  
 Estuardo J. Miranda

vial # 2

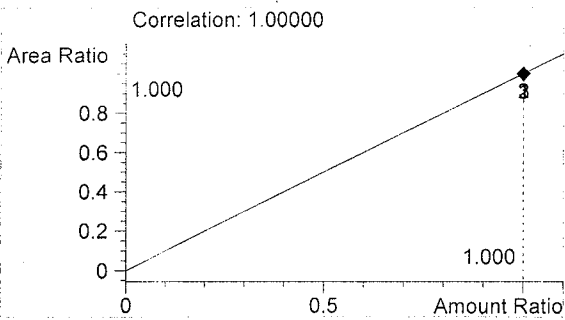


#	Compound	Area	RT
1	Ethanol	422	1.087
2	n-Propanol	2056	1.908

Totals:



Ethanol 0.049 g/100ml

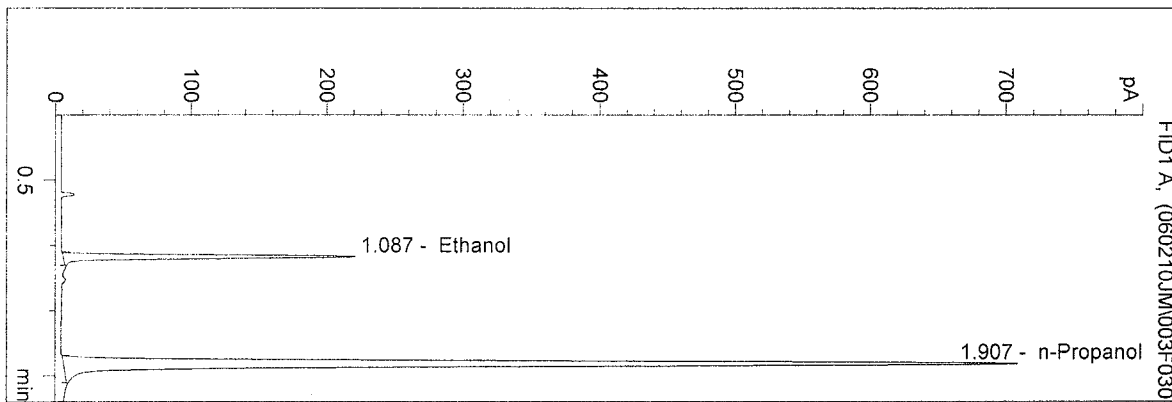


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 2/10/2006 5:53:24 PM  
 Instrument 5  
 DB-ALC2

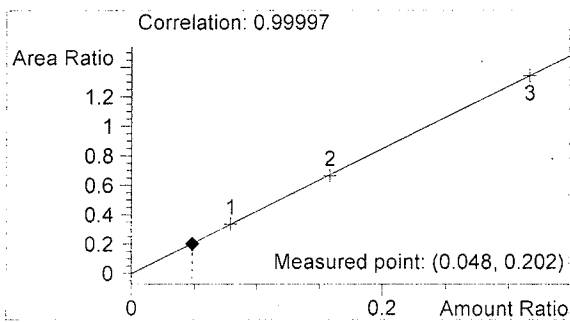
QA Sol 06008-3  
 Estuardo J. Miranda

vial # 3

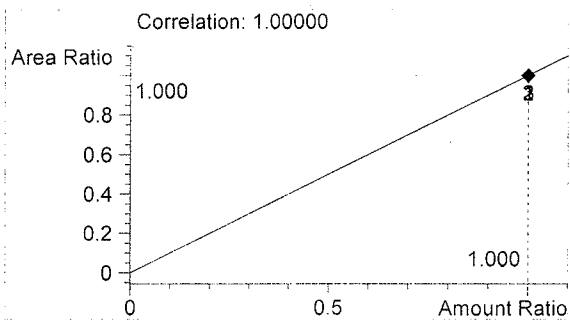


#	Compound	Area	RT
1	Ethanol	415	1.087
2	n-Propanol	2051	1.907

Totals:



Ethanol 0.048 g/100ml



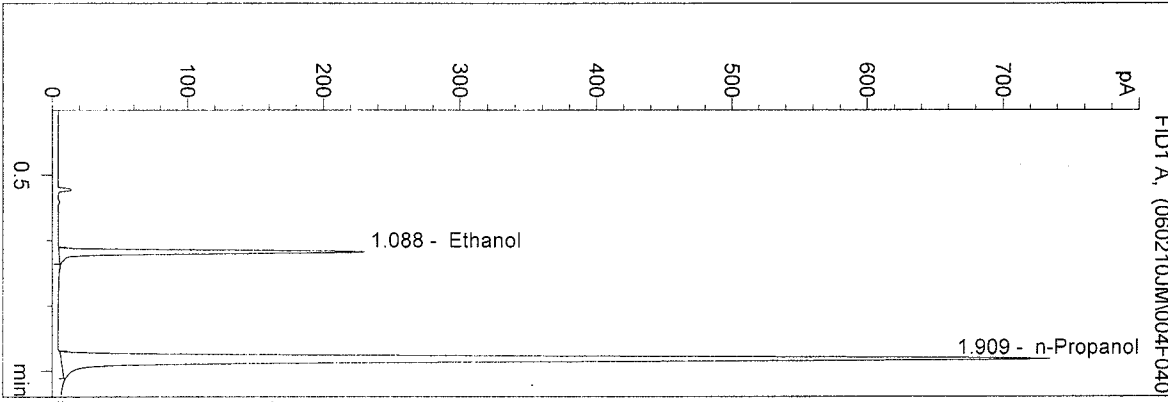
n-Propanol 1.000 g/100ml



D:\HPCHEM\1\METHODS\BLDALCO2.M  
 2/10/2006 5:56:33 PM  
 Instrument 5  
 DB-ALC2

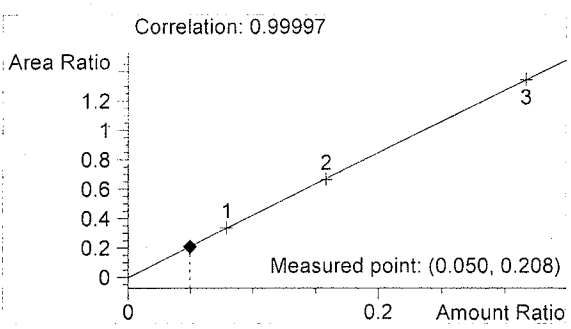
QA Sol 06008-4  
 Estuardo J. Miranda

vial # 4

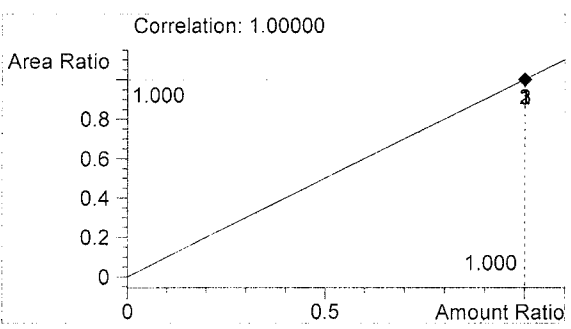


#	Compound	Area	RT
1	Ethanol	442	1.088
2	n-Propanol	2125	1.909

Totals:



Ethanol 0.050 g/100ml

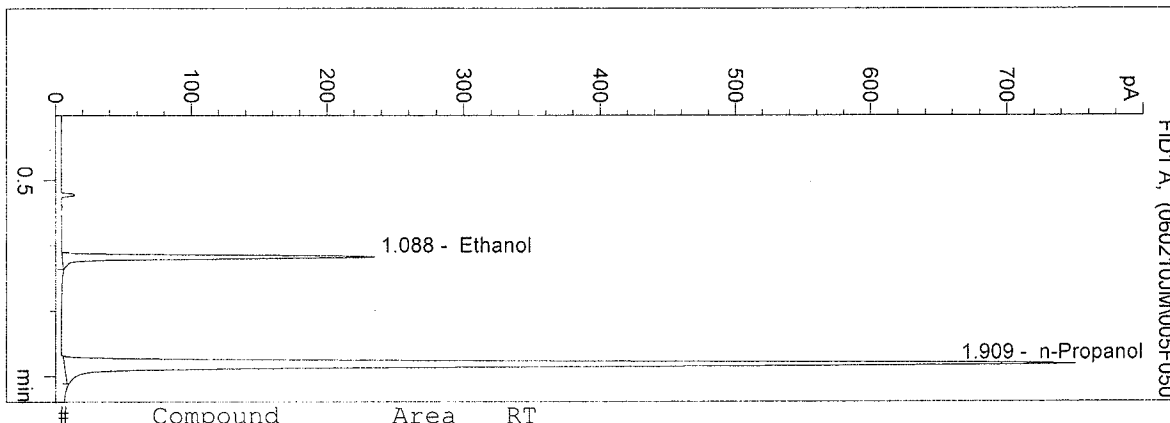


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 2/10/2006 5:59:47 PM  
 Instrument 5  
 DB-ALC2

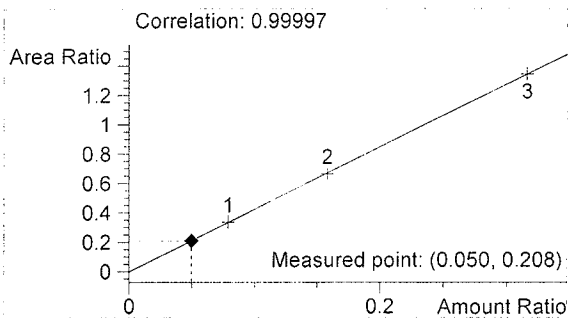
QA Sol 06008-5  
 Estuardo J. Miranda

vial # 5

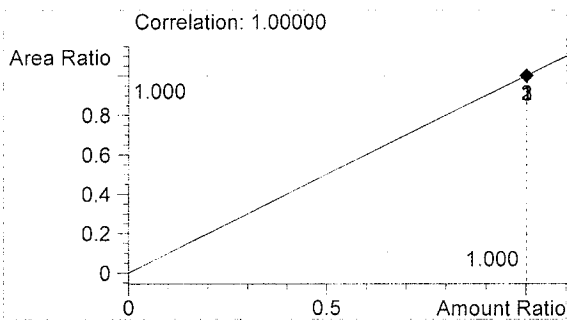


#	Compound	Area	RT
1	Ethanol	452	1.088
2	n-Propanol	2170	1.909

Totals:



Ethanol 0.050 g/100ml

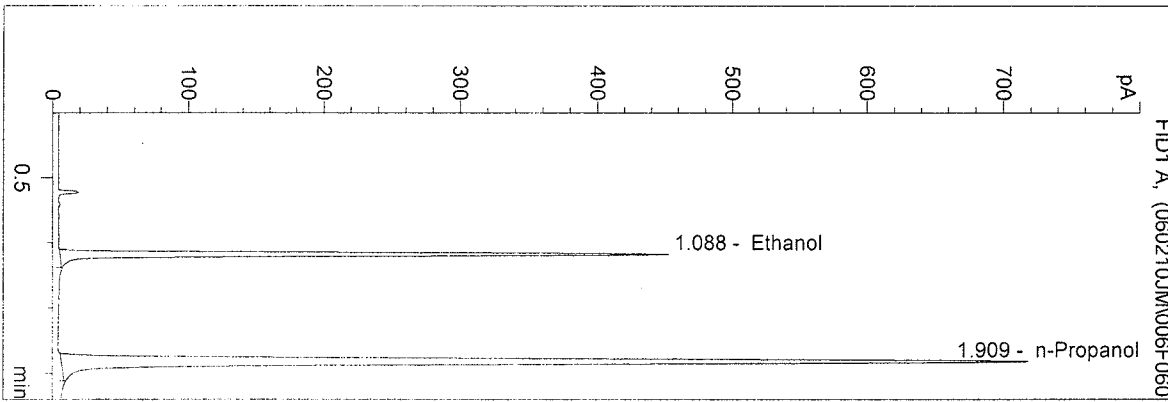


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 2/10/2006 6:03:03 PM  
 Instrument 5  
 DB-ALC2

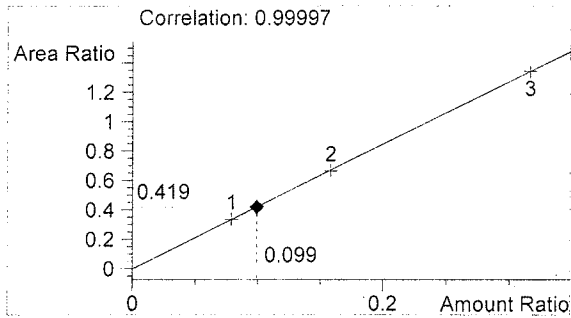
0.100 Control EM  
 Estuardo J. Miranda

vial # 6

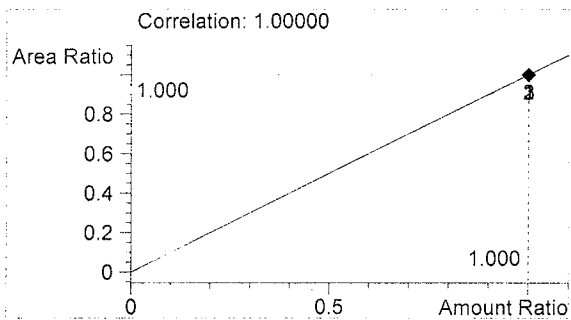


#	Compound	Area	RT
1	Ethanol	872	1.088
2	n-Propanol	2079	1.909

Totals:



Ethanol 0.099 g/100ml

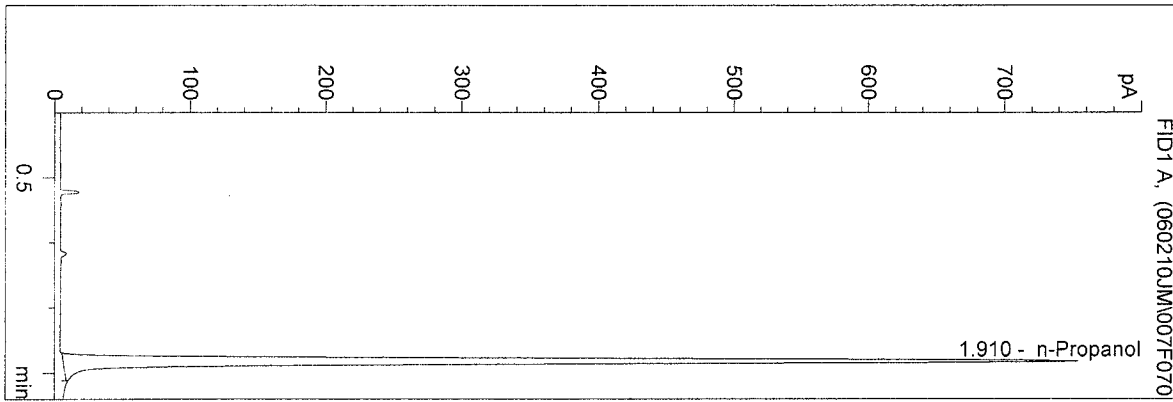


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 2/10/2006 6:08:55 PM  
 Instrument 5  
 DB-ALC2

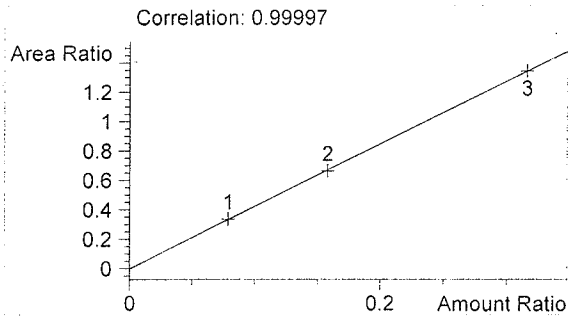
Blank  
 Estuardo J. Miranda

vial # 7

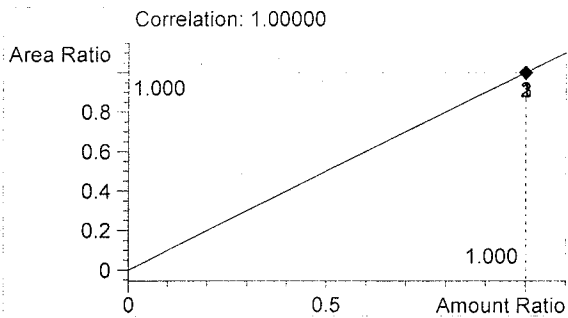


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2180	1.910

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml