

**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

**SOLUTION CERTIFICATION DATABASE**

Preparation and certification of **0.04** g/210L Quality Assurance solution  
 Batch number **07056** Date prepared: 10/26/2007  
 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	0.050	0.049	0.050													
2	0.049	0.051	0.050													
3	0.049	0.050	0.050													
4	0.050	0.051	0.050													
5	0.049	0.050	0.050													
Ctrl	0.098	0.100	0.098													

**Statistics:**  
 Avg. solution concent.: 0.0499 g/100 mL  
 SD: 0.00064  
 Precision CV (%): 1.2824 %

**External Control:**  
 Lot #: A050528 Exp date: <sup>MM</sup>07 / <sup>YYYY</sup>2011  
 Target concentration: 0.10 g/100mL

**Equivalent vapor concent.:** 0.0406 g/210L

Analyst	Name	Signature	Date Tested
1	Christie Mitchell	<i>Christie Mitchell</i>	10/26/2007
2	Brianna Peterson	<i>Brianna Peterson</i>	10/29/2007
3	Amanda Black	<i>Amanda Black</i>	10/29/2007
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Christie Mitchell according to the approved protocol. Final review by: *MP*

### Batch Worksheet Check Off

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

Please initial below to affirm that you have:

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

Initials	Date
Brianne Akins	
Brittany Ball	
Amanda Black <i>AB</i>	<i>10-30-07</i>
Brian Capron	
Rebecca Flaherty	
Ed Formoso	
Christopher Johnston	
Justin Knoy	
Asa Louis	
Estuardo Miranda	
Christie Mitchell <i>CM</i>	<i>10/30/07</i>
Lisa Noble	
Naziha Nuwayhid	
Melissa Pemberton	
Brianna Peterson <i>BP</i>	<i>10/30/07</i>
Sarah Swenson	

WASHINGTON STATE TOXICOLOGY LABORATORY  
SIMULATOR SOLUTION DATA ENTRY REVIEW



Reviewer/s: KIEP DIXON / RON GULLBERG Date: 11-19-2007

Location: TOX LAB SEATTLE Solution Batch Number: 07056

	YES	NO
Preparation date precedes all analysis dates:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Data entry corresponds to all chromatograms:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All signatures present on Analysis sheet:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Avg. solution concentration correct?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standard deviation correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Range correct:	<input type="checkbox"/>	<input type="checkbox"/> N.A.
Equivalent vapor concentration correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
External Control information correct: (lot # and future date)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Complies with accuracy and precision requirements established by the State Toxicologist:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Corrections Necessary/ Comments	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Reviewer Signature: *R. Gullberg* Date: 11-19-2007

Reviewer Signature: *K. Dixon* Date: 11/19/2007

CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

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

DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION FOR LOT 07056

I, Christie Mitchell, 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: BA degree in Chemistry and MFS degree in Forensic Science.

The quality assurance solution, Lot Number 07056, was prepared in the Washington State Toxicology Laboratory on 10/26/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 10/26/2008.

Seattle, WA

*Christie Mitchell* 11/15/07  
Christie Mitchell Date  
Forensic Toxicologist

CM/ms  
CMQA



CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION FOR LOT 07056

I, Brianna Peterson, 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, MS degree in Forensic Science, Ph.D. degree in Toxicology, and two years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07056, was prepared in the Washington State Toxicology Laboratory on 10/26/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 10/26/2008.

Seattle, WA

*Brianna Peterson*      11/15/07  
Brianna Peterson      Date  
Forensic Toxicologist

BP/ms  
BPQA



CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

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DATAMASTER QUALITY ASSURANCE SOLUTION  
CERTIFICATION FOR LOT 07056

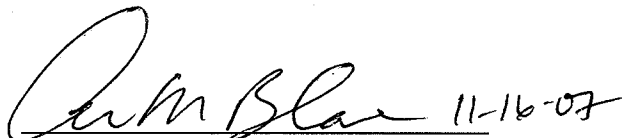
I, Amanda Black, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degrees in Chemistry and Veterinary Science.

The quality assurance solution, Lot Number 07056, was prepared in the Washington State Toxicology Laboratory on 10/26/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 10/26/2008.

Seattle, WA

  
Amanda Black      11-16-07  
Forensic Toxicologist      Date

AB/ms  
ABQA

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
====	=====	=====	=====	===	=====	=====	=====
1	Vial 1	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO3	1	Calib		
5	Vial 5	BLANK	BLDALCO3	1	Sample		
6	Vial 6	0.02 STD	BLDALCO3	1	Sample		
7	Vial 7	0.04 CONTROL-CM	BLDALCO3	1	Ctrl Samp		
8	Vial 8	0.10 CONTROL-CM	BLDALCO3	1	Ctrl Samp		
9	Vial 9	0.20 CONTROL-CM	BLDALCO3	1	Ctrl Samp		
10	Vial 10	BLANK	BLDALCO3	1	Sample		
11	Vial 11	QA 07056-1	BLDALCO3	1	Sample		
12	Vial 12	QA 07056-2	BLDALCO3	1	Sample		
13	Vial 13	QA 07056-3	BLDALCO3	1	Sample		
14	Vial 14	QA 07056-4	BLDALCO3	1	Sample		
15	Vial 15	QA 07056-5	BLDALCO3	1	Sample		
16	Vial 16	0.10 CONTROL-CM	BLDALCO3	1	Ctrl Samp		
17	Vial 17	BLANK	BLDALCO3	1	Sample		
18	Vial 18	QA 07057-1	BLDALCO3	1	Sample		
19	Vial 19	QA 07057-2	BLDALCO3	1	Sample		
20	Vial 20	QA 07057-3	BLDALCO3	1	Sample		
21	Vial 21	QA 07057-4	BLDALCO3	1	Sample		
22	Vial 22	QA 07057-5	BLDALCO3	1	Sample		
23	Vial 23	0.10 CONTROL-CM	BLDALCO3	1	Ctrl Samp		
24	Vial 24	BLANK	BLDALCO3	1	Sample		
25	Vial 25	QA 07058-1	BLDALCO3	1	Sample		
26	Vial 26	QA 07058-2	BLDALCO3	1	Sample		
27	Vial 27	QA 07058-3	BLDALCO3	1	Sample		
28	Vial 28	QA 07058-4 <i>CM 10/29/07</i>	BLDALCO3	1	Sample		
29	Vial 29	QA <del>07059-5</del> 07058-5	BLDALCO3	1	Sample		
30	Vial 30	0.10 CONTROL-CM	BLDALCO3	1	Ctrl Samp		
31	Vial 31	BLANK	BLDALCO3	1	Sample		
32	Vial 32	QA 07059-1	BLDALCO3	1	Sample		
33	Vial 33	QA 07059-2	BLDALCO3	1	Sample		
34	Vial 34	QA 07059-3	BLDALCO3	1	Sample		
35	Vial 35	QA 07059-4	BLDALCO3	1	Sample		
36	Vial 36	QA 07059-5	BLDALCO3	1	Sample		
37	Vial 37	0.10 CONTROL-CM	BLDALCO3	1	Ctrl Samp		
38	Vial 38	BLANK	BLDALCO3	1	Sample		

*Control*  
*Lot#*  
 0.04 A050530 *EXP 7/11 (7/2011)*  
 0.10 A050528 *7/11 (7/2011)*  
 0.20 A050527 *7/11 (7/2011)*

Sequence Table (Back Injector):

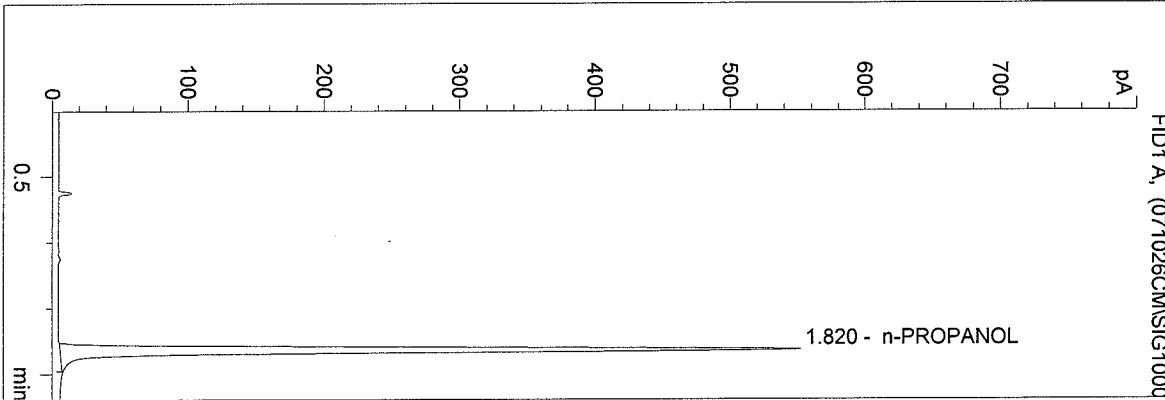
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

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 10/26/2007 1:03:56 PM  
 Instrument 3  
 db-alc2

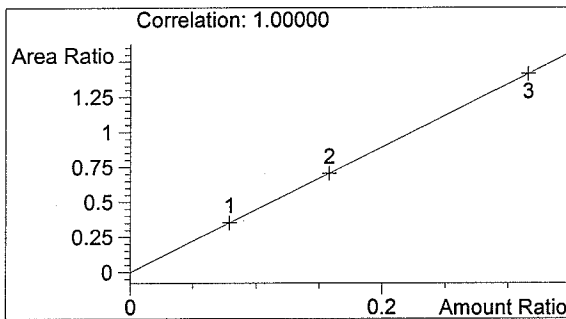
BLANK  
 Christie Mitchell

vial # 1



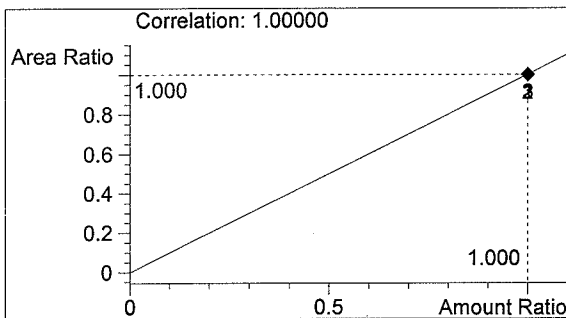
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1532	1.820

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

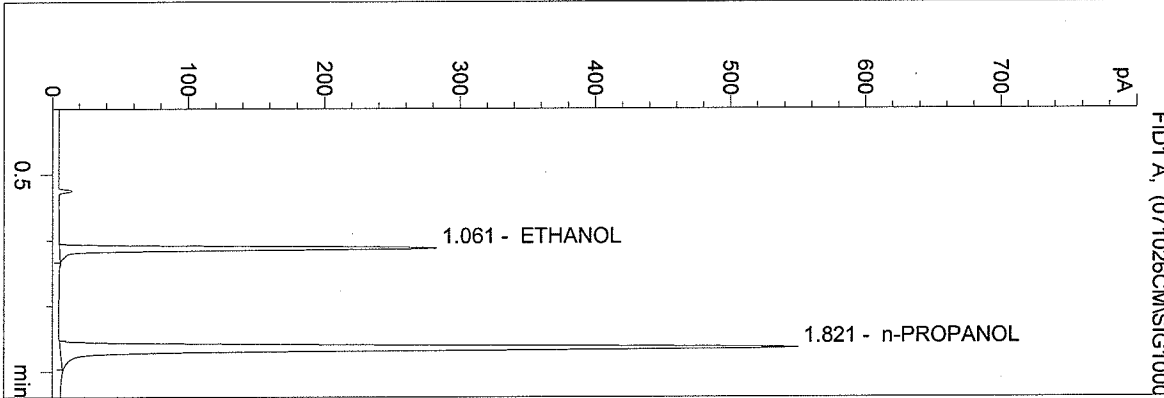
*CM*  
 10/30/07



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 Instrument 3  
 db-alc2

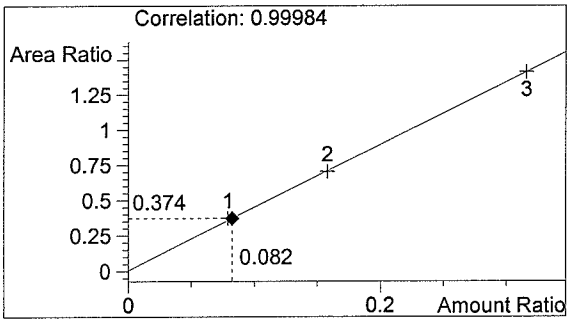
0.079 CAL  
 Christie Mitchell

vial # 2



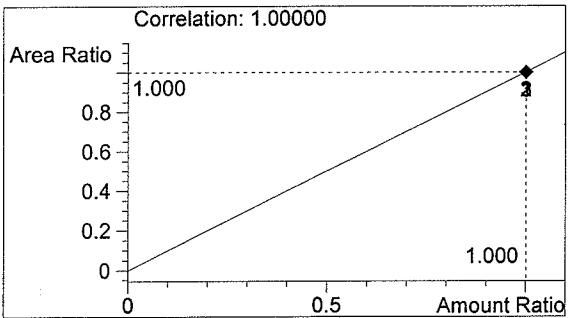
#	Compound	Area	RT
1	ETHANOL	571	1.061
2	n-PROPANOL	1525	1.821

Totals:



ETHANOL

0.082 g/100ml



n-PROPANOL

1.000 g/100ml

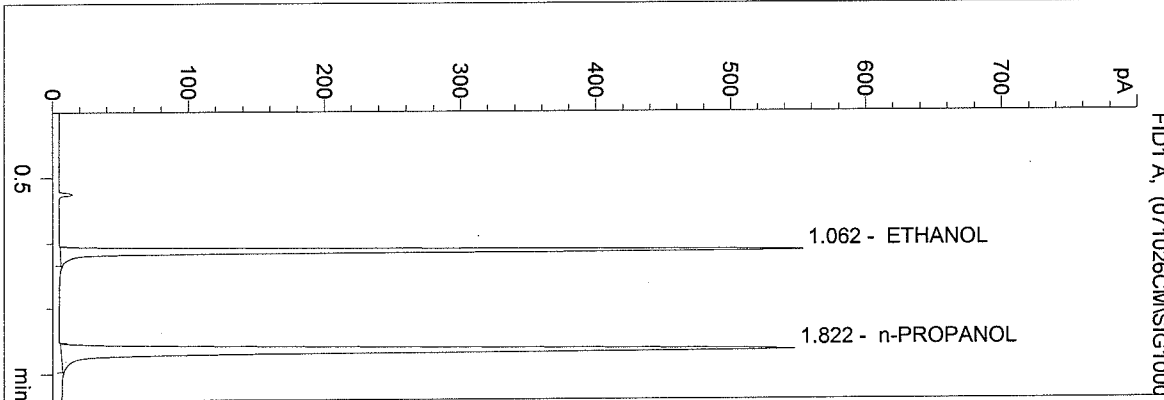
CM  
 10/30/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 3  
 db-alc2

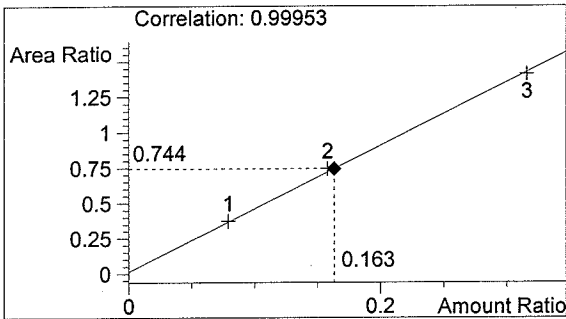
0.158 CAL  
 Christie Mitchell

vial # 3



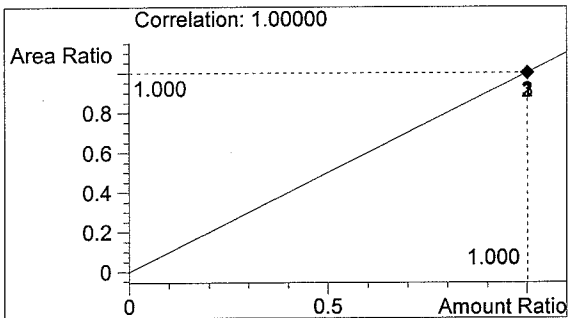
#	Compound	Area	RT
1	ETHANOL	1128	1.062
2	n-PROPANOL	1515	1.822

Totals:



ETHANOL

0.163 g/100ml



n-PROPANOL

1.000 g/100ml

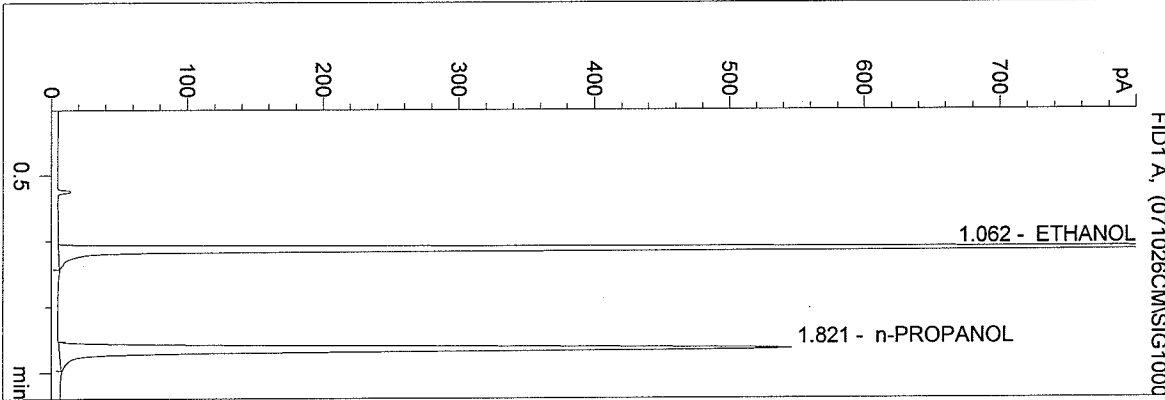
*CM*  
*10/30/07*

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 3  
 db-alc2

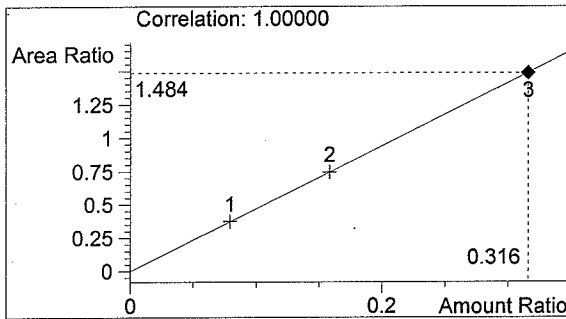
0.316 CAL  
 Christie Mitchell

vial # 4



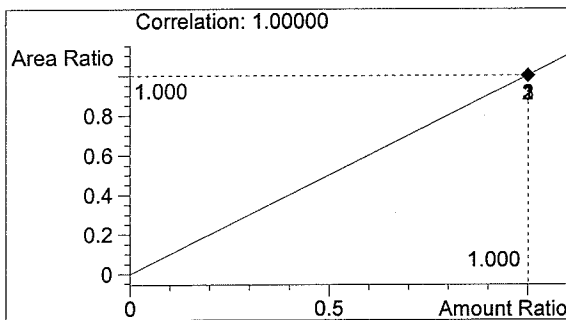
#	Compound	Area	RT
1	ETHANOL	2249	1.062
2	n-PROPANOL	1516	1.821

Totals:



ETHANOL

0.316 g/100ml



n-PROPANOL

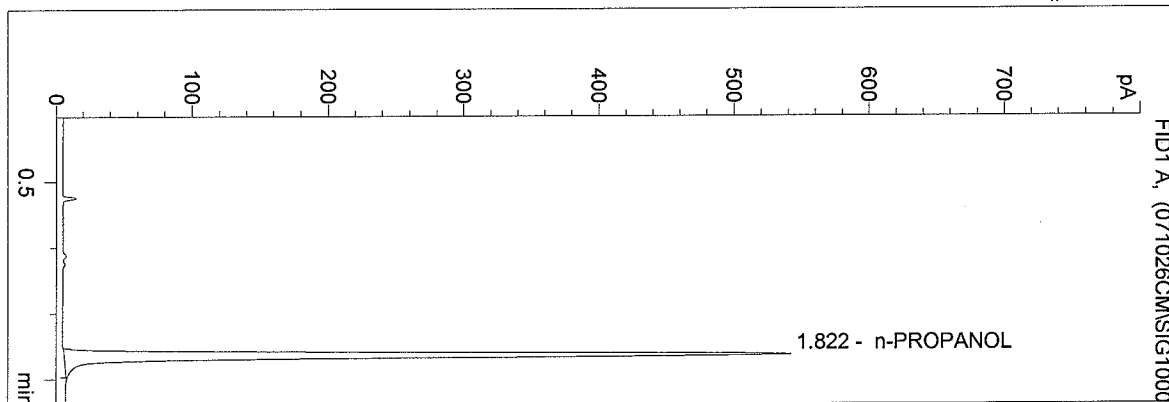
1.000 g/100ml

*CM*  
 10/30/07

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 Instrument 3  
 db-alc2

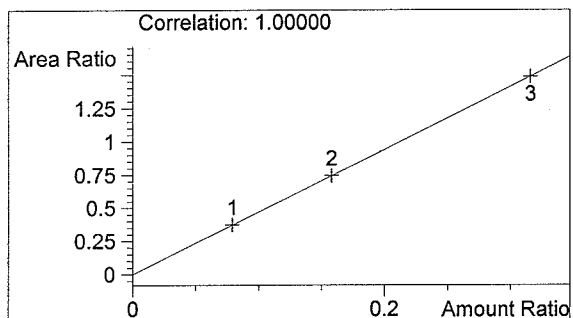
BLANK  
 Christie Mitchell

vial # 5



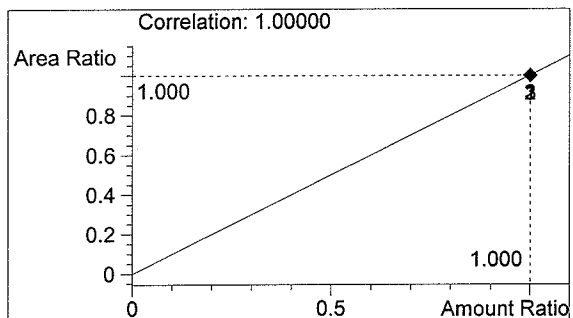
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1501	1.822

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

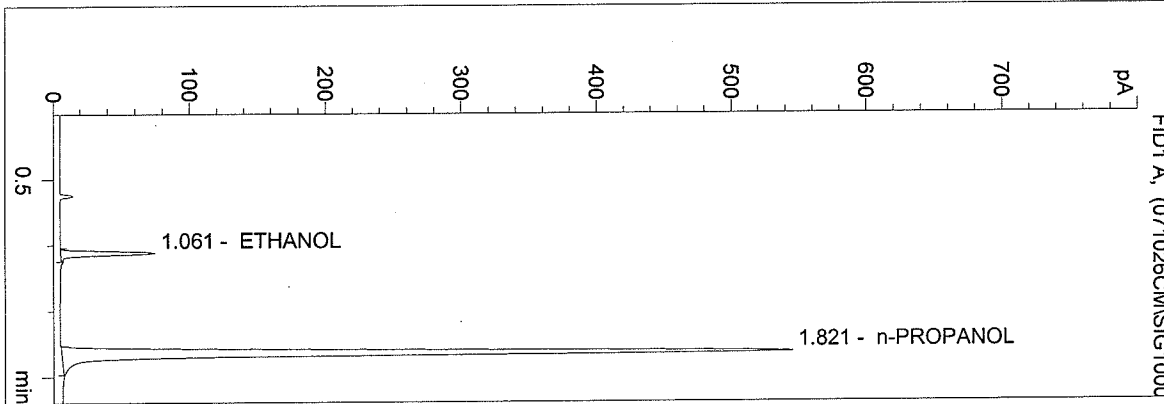
*CM*  
 10/30/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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 10/26/2007 1:19:32 PM  
 Instrument 3  
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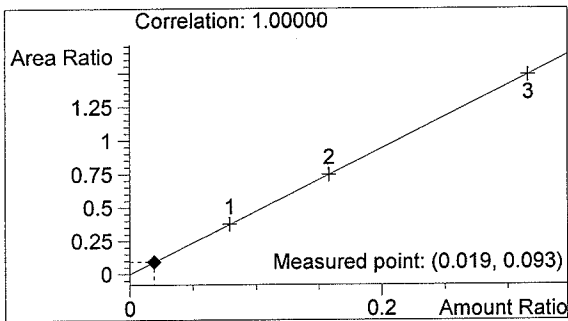
0.02 STD  
 Christie Mitchell

vial # 6



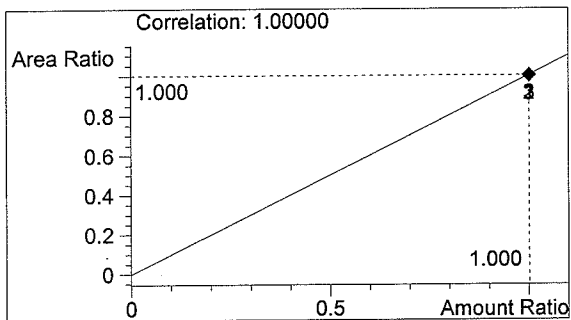
#	Compound	Area	RT
1	ETHANOL	140	1.061
2	n-PROPANOL	1507	1.821

Totals:



ETHANOL

0.019 g/100ml



n-PROPANOL

1.000 g/100ml

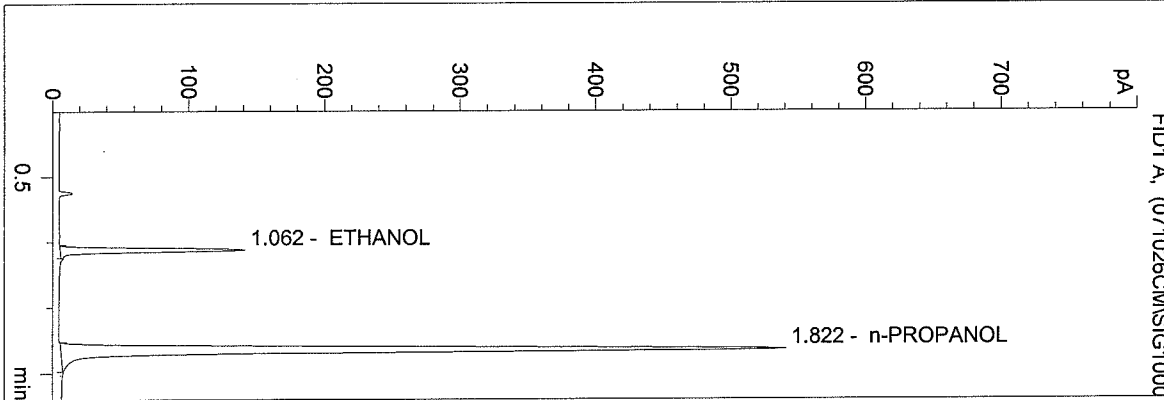
*CM*  
 10/30/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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 10/26/2007 1:22:39 PM  
 Instrument 3  
 db-alc2

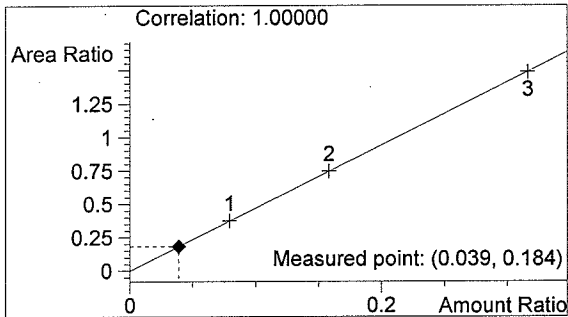
0.04 CONTROL-CM  
 Christie Mitchell

vial # 7



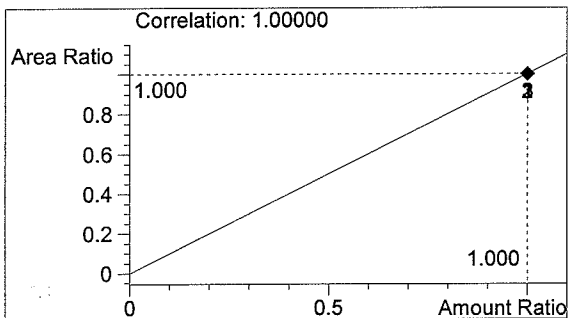
#	Compound	Area	RT
1	ETHANOL	276	1.062
2	n-PROPANOL	1500	1.822

Totals:



ETHANOL

0.039 g/100ml



n-PROPANOL

1.000 g/100ml

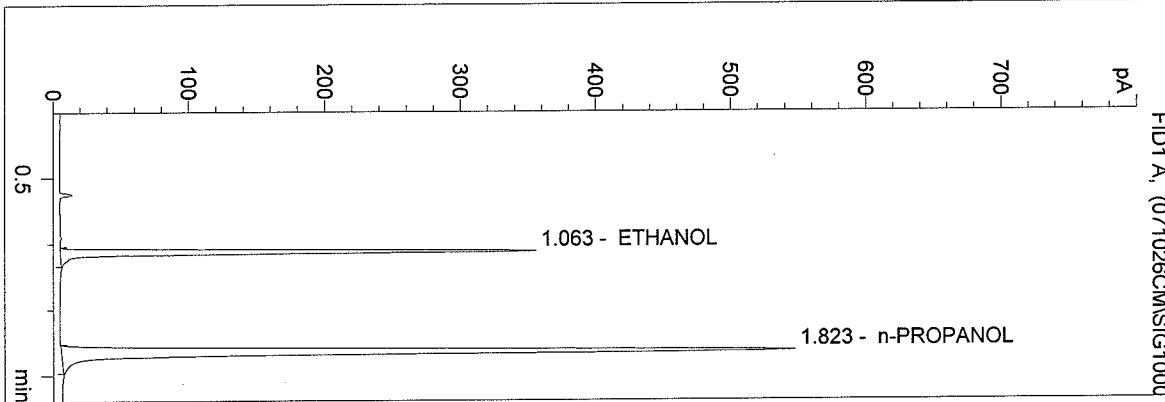
CM  
 10/30/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 3  
 db-alc2

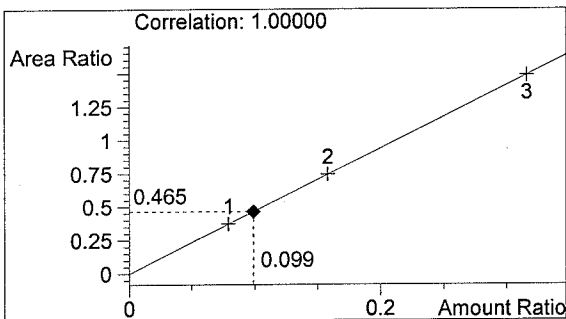
0.10 CONTROL-CM  
 Christie Mitchell

vial # 8



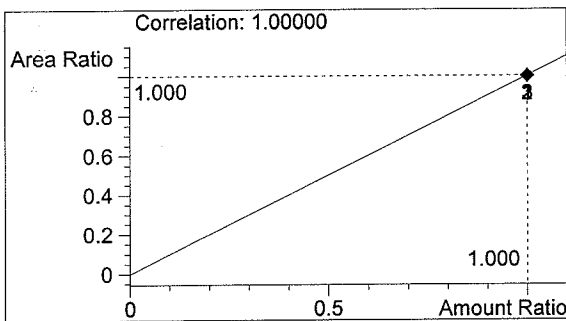
#	Compound	Area	RT
1	ETHANOL	697	1.063
2	n-PROPANOL	1500	1.823

Totals:



ETHANOL

0.099 g/100ml



n-PROPANOL

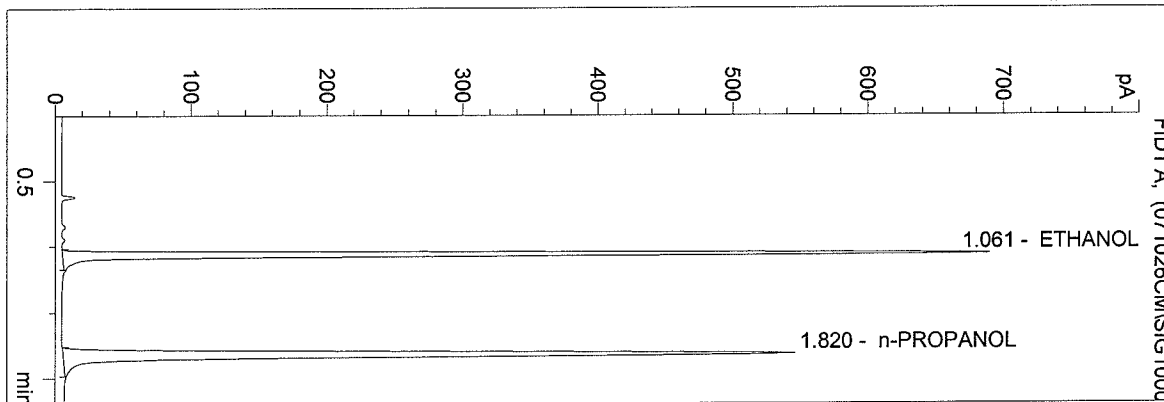
1.000 g/100ml

*CM*  
 10/30/07

C:\HPCHEM\2\METHODS\BLDALCO3.M  
 10/26/2007 1:28:53 PM  
 Instrument 3  
 db-alc2

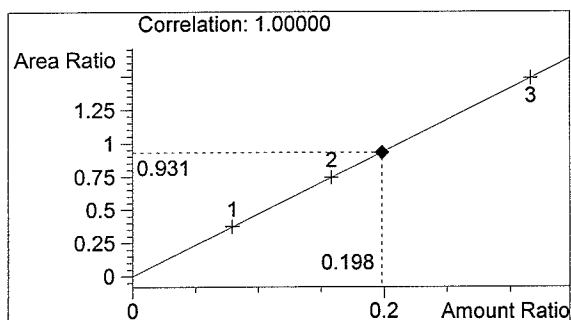
0.20 CONTROL-CM  
 Christie Mitchell

vial # 9



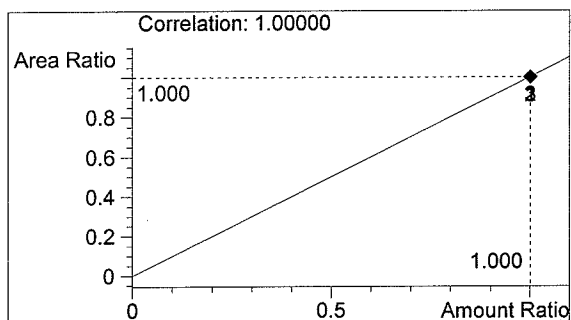
#	Compound	Area	RT
1	ETHANOL	1409	1.061
2	n-PROPANOL	1513	1.820

Totals:



ETHANOL

0.198 g/100ml



n-PROPANOL

1.000 g/100ml

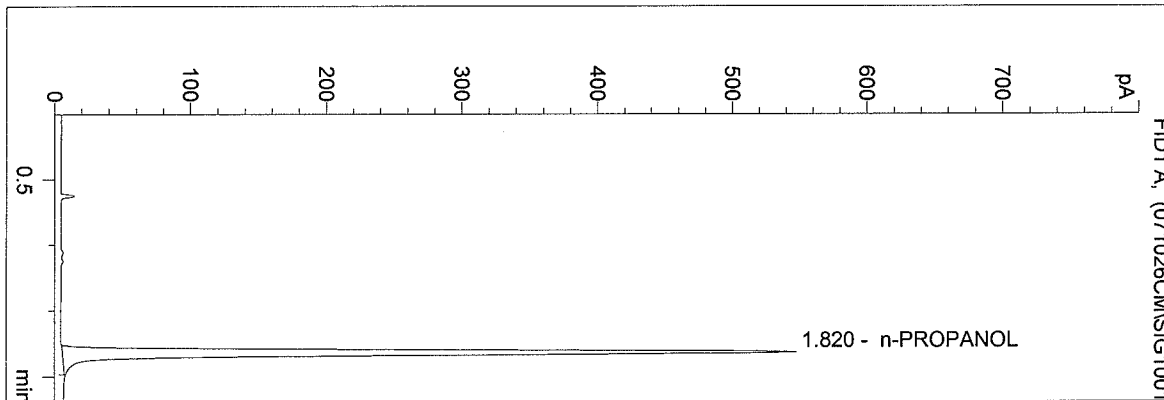
CM  
 10/30/07



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 Instrument 3  
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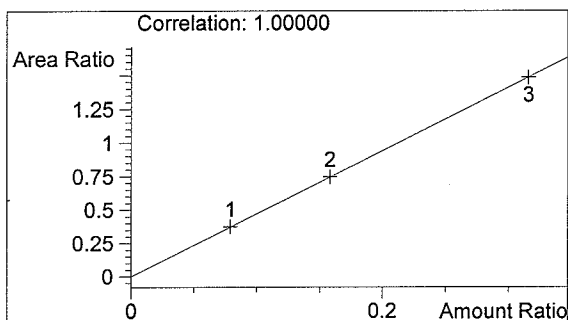
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 Christie Mitchell

vial # 10



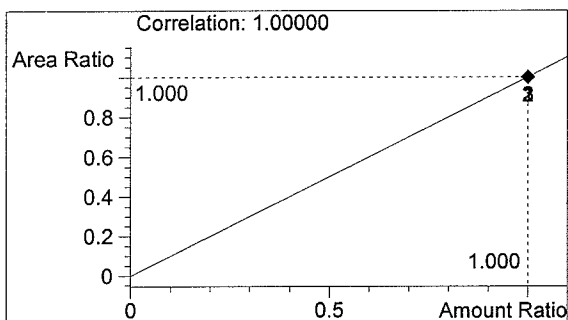
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1	ETHANOL	0	0.000
2	n-PROPANOL	1523	1.820

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

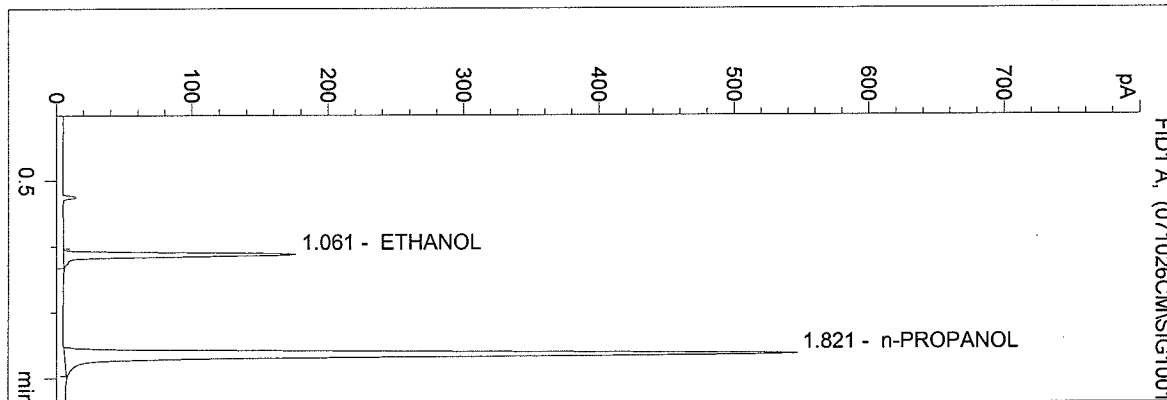
*CM*  
 10/30/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 3  
 db-alc2

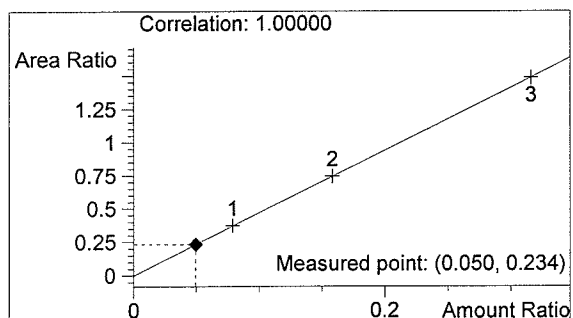
QA 07056-1  
 Christie Mitchell

vial # 11



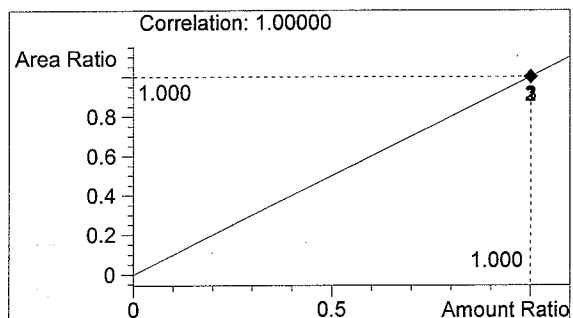
#	Compound	Area	RT
1	ETHANOL	356	1.061
2	n-PROPANOL	1520	1.821

Totals:



ETHANOL

0.050 g/100ml



n-PROPANOL

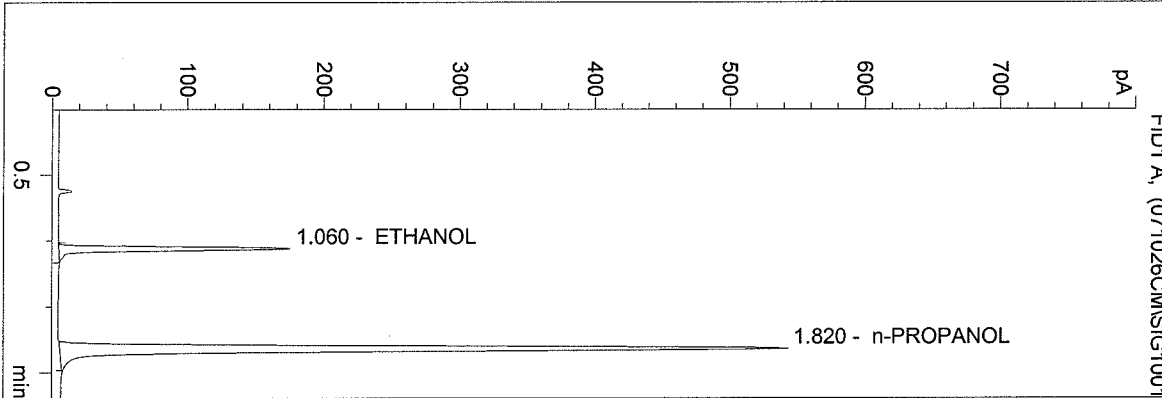
1.000 g/100ml

CM  
 10/30/07

C:\HPCHEM\2\METHODS\BLDALCO3.M  
 10/26/2007 1:38:15 PM  
 Instrument 3  
 db-alc2

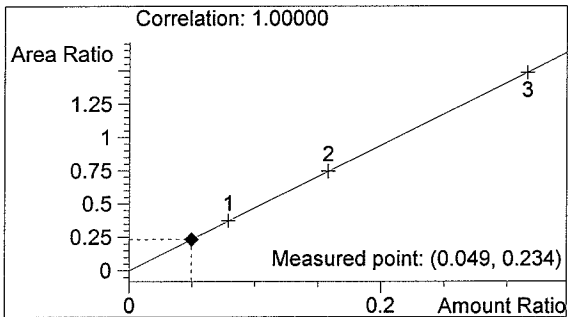
QA 07056-2  
 Christie Mitchell

vial # 12



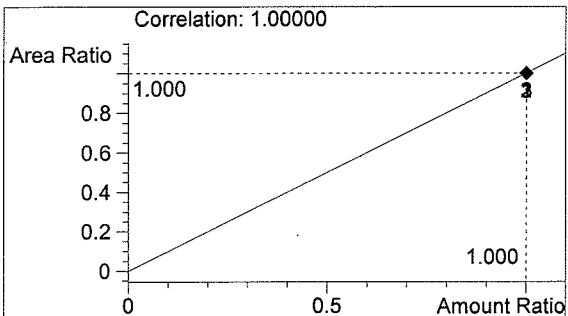
#	Compound	Area	RT
1	ETHANOL	354	1.060
2	n-PROPANOL	1512	1.820

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

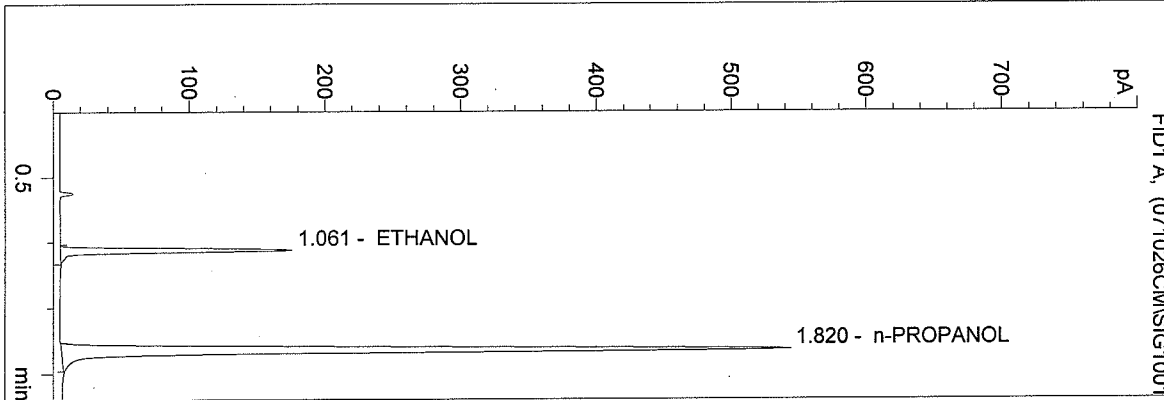
*CM*  
 10/30/07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M  
 10/26/2007 1:41:22 PM  
 Instrument 3  
 db-alc2

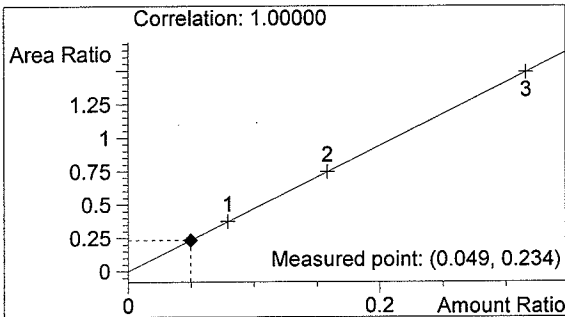
QA 07056-3  
 Christie Mitchell

vial # 13



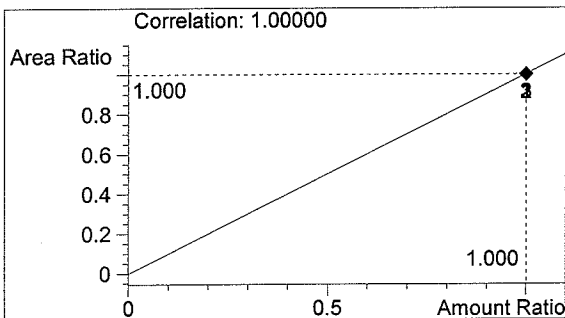
#	Compound	Area	RT
1	ETHANOL	354	1.061
2	n-PROPANOL	1512	1.820

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

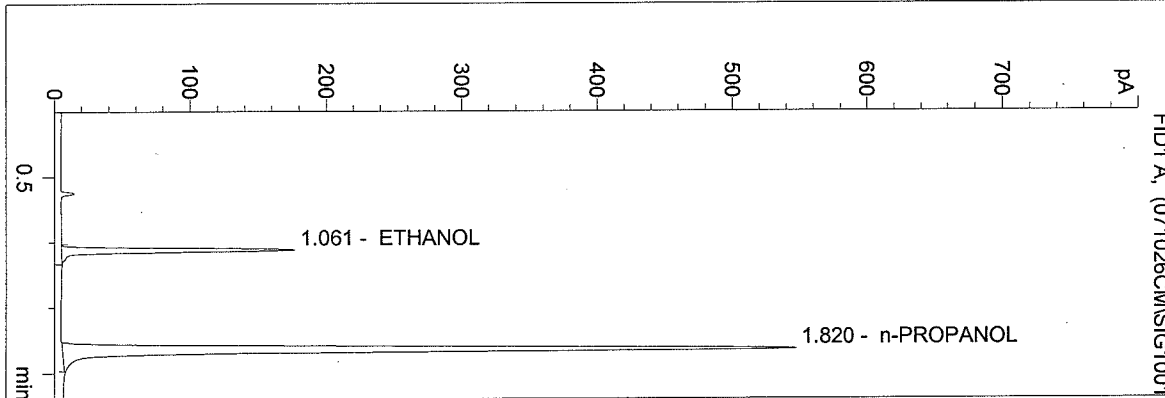
*CM*  
 10/30/07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M  
 10/26/2007 1:44:29 PM  
 Instrument 3  
 db-alc2

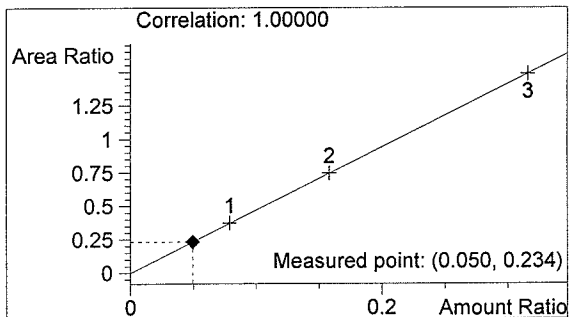
QA 07056-4  
 Christie Mitchell

vial # 14



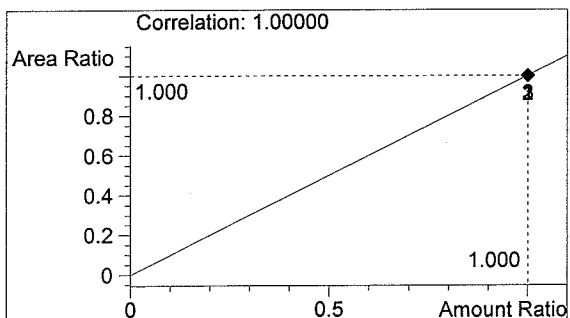
#	Compound	Area	RT
1	ETHANOL	356	1.061
2	n-PROPANOL	1520	1.820

Totals:



ETHANOL

0.050 g/100ml



n-PROPANOL

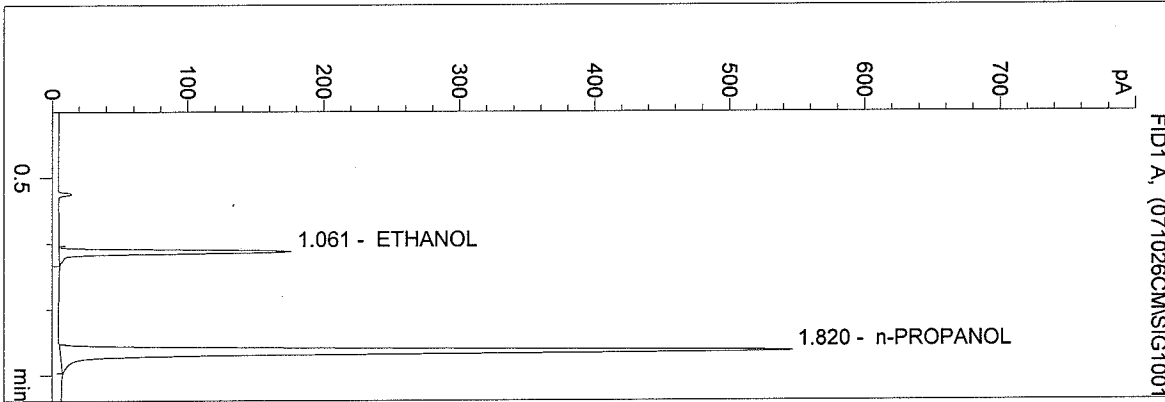
1.000 g/100ml

*CM*  
 10/30/07

C:\HPCHEM\2\METHODS\BLDALCO3.M  
 10/26/2007 1:47:36 PM  
 Instrument 3  
 db-alc2

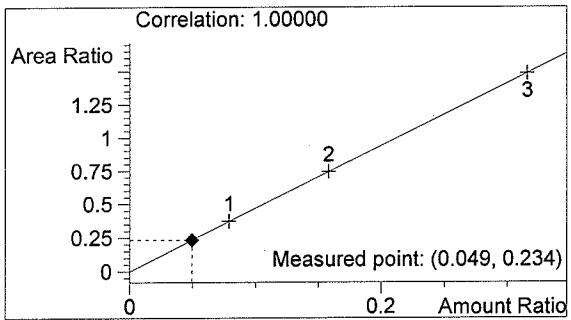
QA 07056-5  
 Christie Mitchell

vial # 15



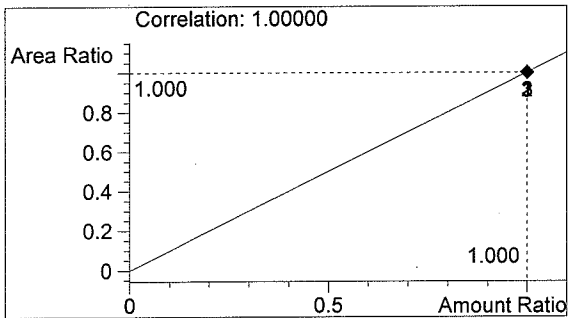
#	Compound	Area	RT
1	ETHANOL	355	1.061
2	n-PROPANOL	1518	1.820

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

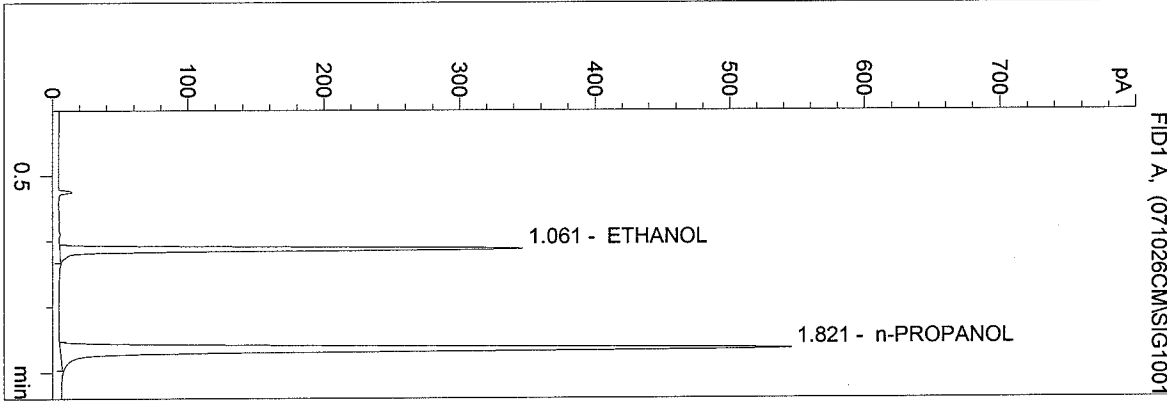
*CM*  
 10/30/07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M  
 10/26/2007 1:50:43 PM  
 Instrument 3  
 db-alc2

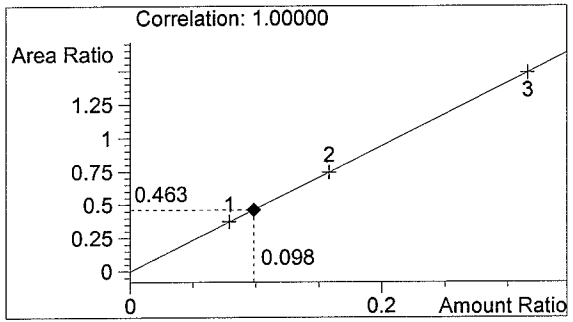
0.10 CONTROL-CM  
 Christie Mitchell

vial # 16



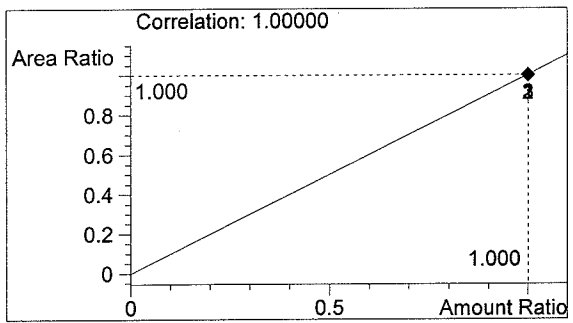
#	Compound	Area	RT
1	ETHANOL	702	1.061
2	n-PROPANOL	1514	1.821

Totals:



ETHANOL

0.098 g/100ml



n-PROPANOL

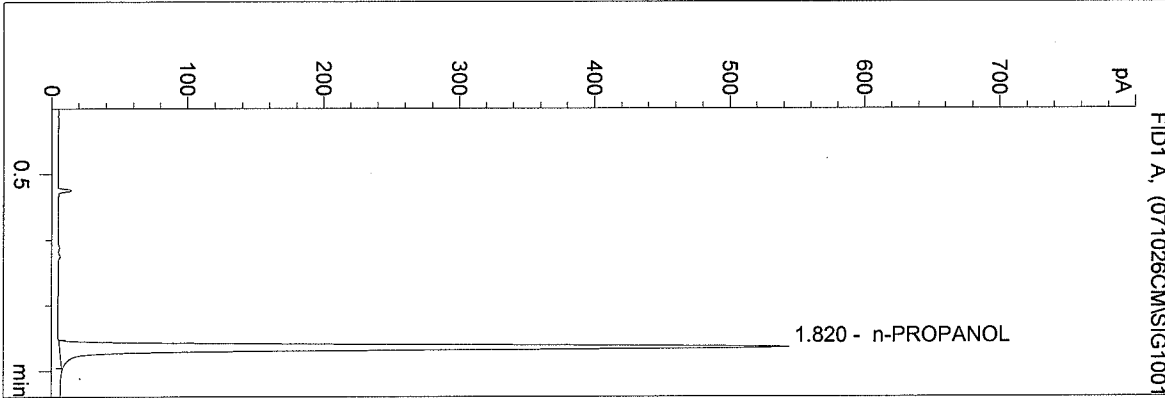
1.000 g/100ml

*CM*  
 10/30/07

C:\HPCHEM\2\METHODS\BLDALCO3.M  
 10/26/2007 1:53:51 PM  
 Instrument 3  
 db-alc2

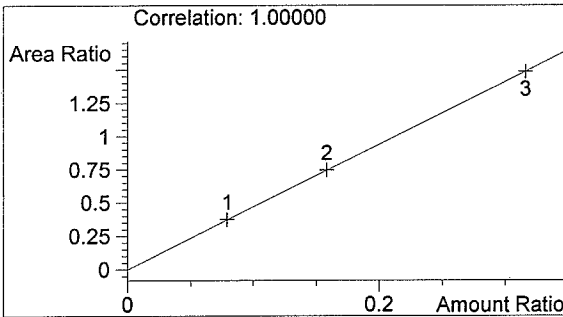
BLANK  
 Christie Mitchell

vial # 17



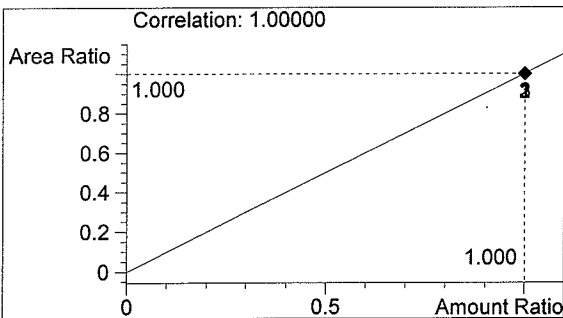
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1511	1.820

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

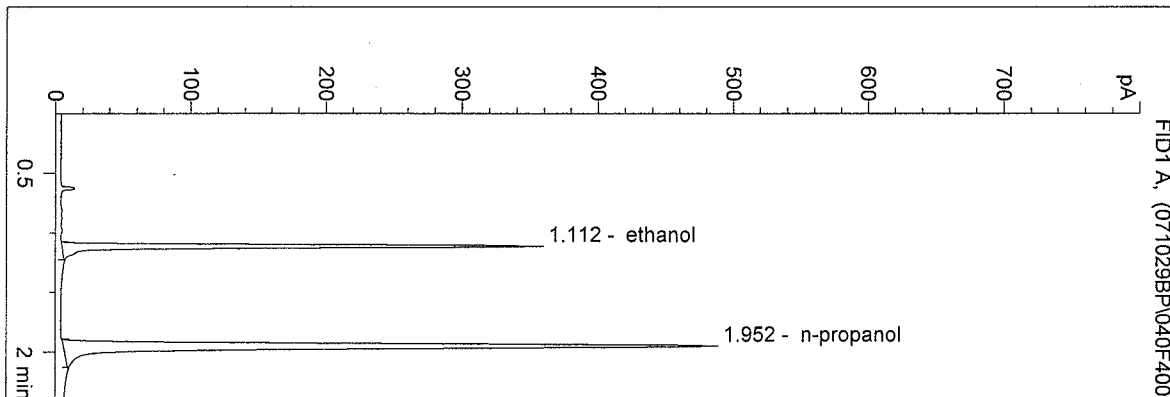
*CM*  
 10/30/07



D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 2:54:24 PM  
 Instrument 5  
 DB-ALC2

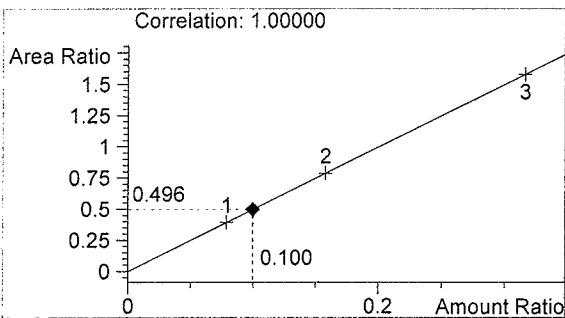
0.10 CTRL BP  
 BRIANNA PETERSON

vial # 40

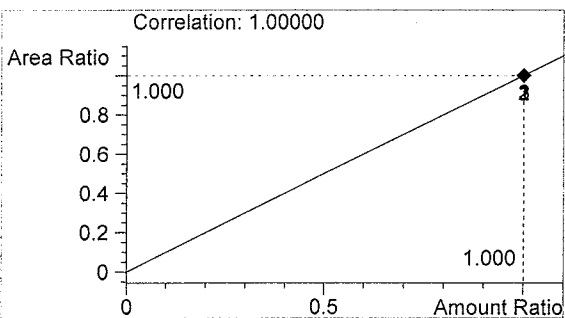


#	Compound	Area	RT
1	ethanol	719	1.112
2	n-propanol	1449	1.952

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

BP  
 10.30.07

CALIBRATION DATA WITH

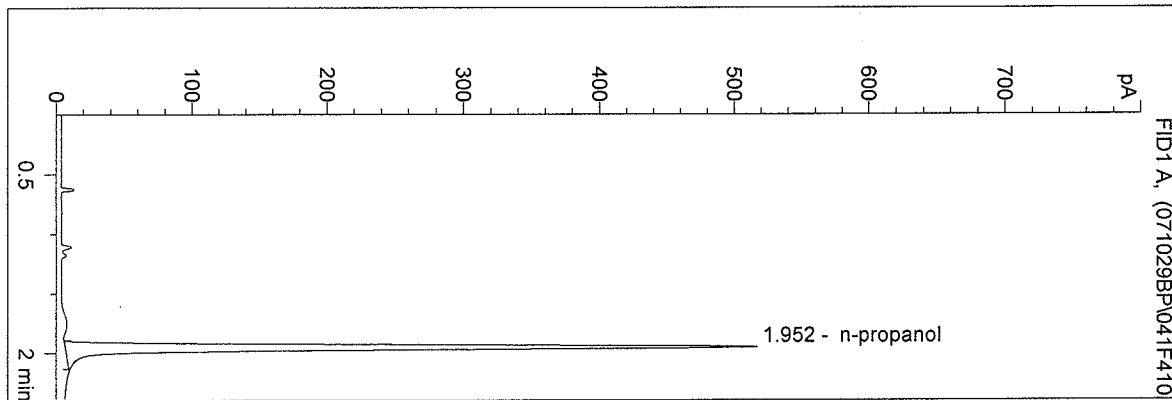
0708356

BP

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 2:59:02 PM  
 Instrument 5  
 DB-ALC2

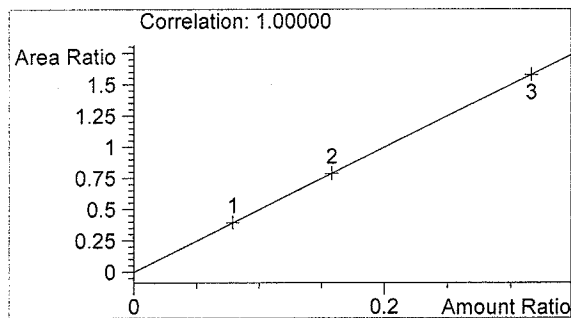
BLANK  
 BRIANNA PETERSON

vial # 41

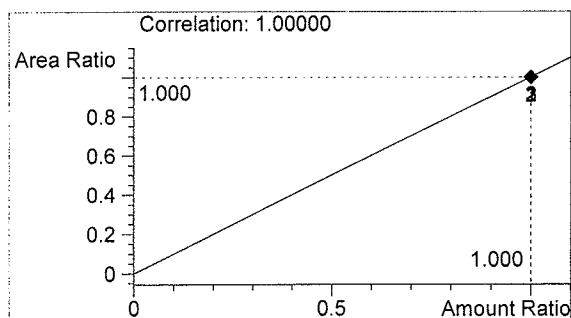


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1525	1.952

Totals:



ethanol 0.000 g/100ml



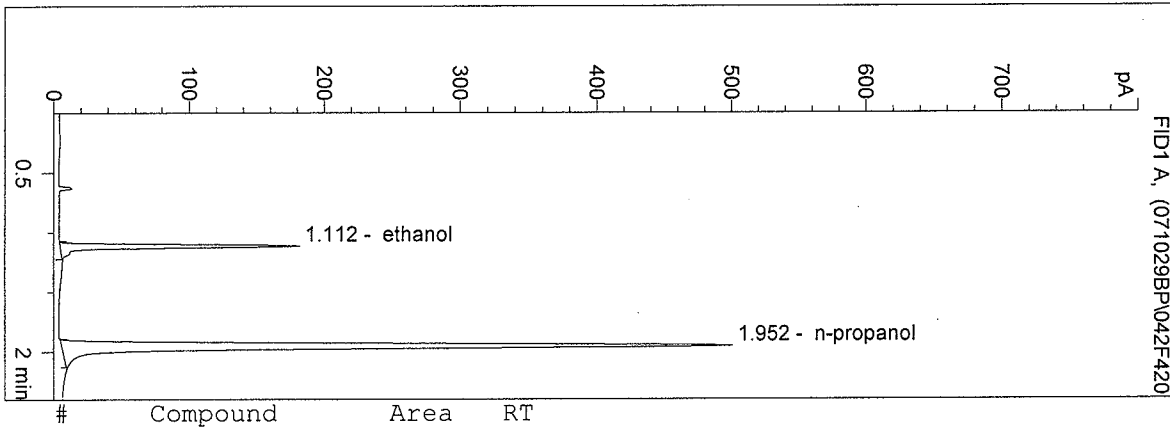
n-propanol 1.000 g/100ml

*BP*  
 10-30-07

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 3:02:45 PM  
 Instrument 5  
 DB-ALC2

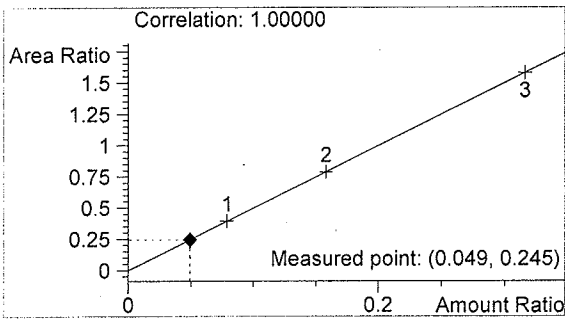
QA 07056-1  
 BRIANNA PETERSON

vial # 42

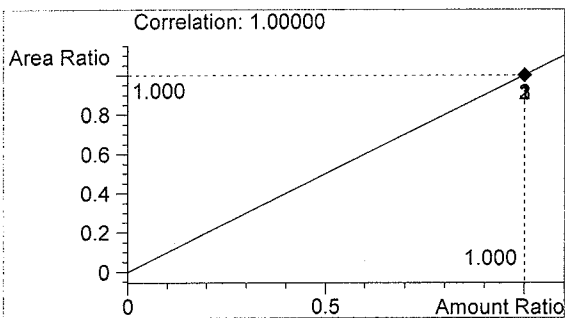


#	Compound	Area	RT
1	ethanol	364	1.112
2	n-propanol	1484	1.952

Totals:



ethanol 0.049 g/100ml



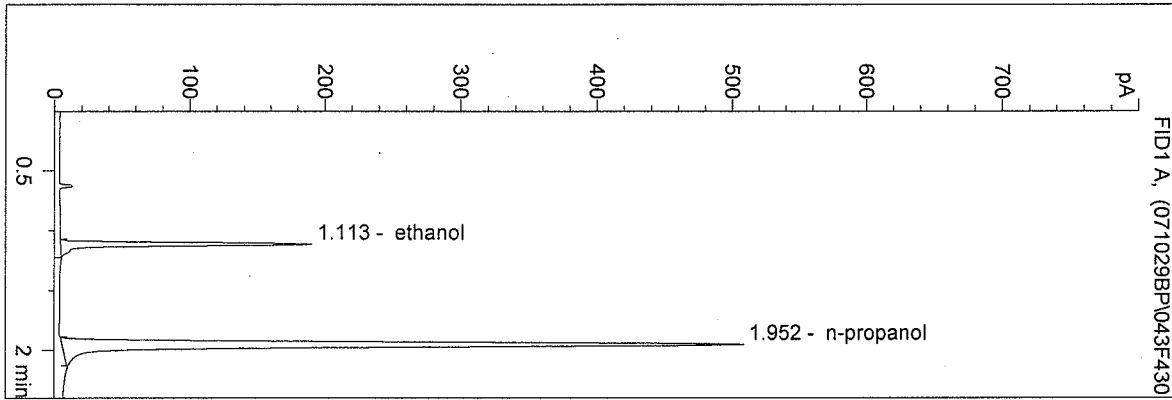
n-propanol 1.000 g/100ml

BP  
 10.30.07

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 3:06:24 PM  
 Instrument 5  
 DB-ALC2

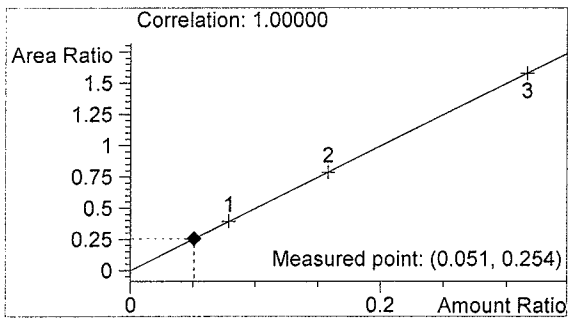
QA 07056-2  
 BRIANNA PETERSON

vial # 43

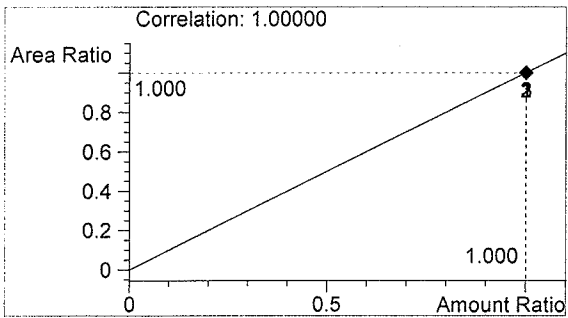


#	Compound	Area	RT
1	ethanol	383	1.113
2	n-propanol	1511	1.952

Totals:



ethanol 0.051 g/100ml



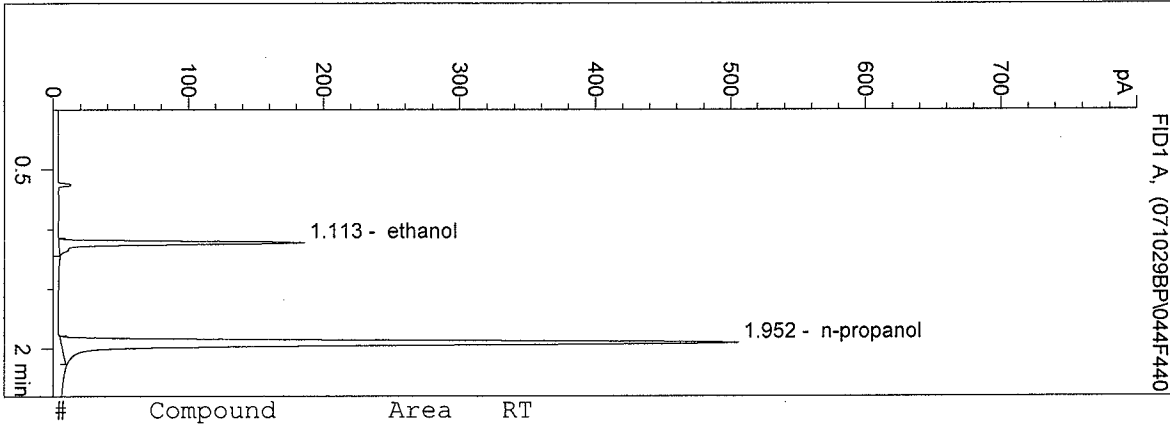
n-propanol 1.000 g/100ml

*BP*  
*10-30-07*

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 3:11:03 PM  
 Instrument 5  
 DB-ALC2

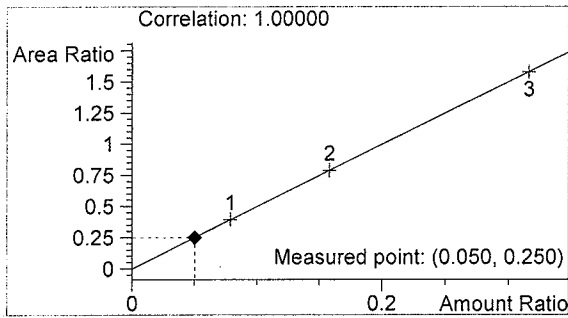
QA 07056-3  
 BRIANNA PETERSON

vial # 44

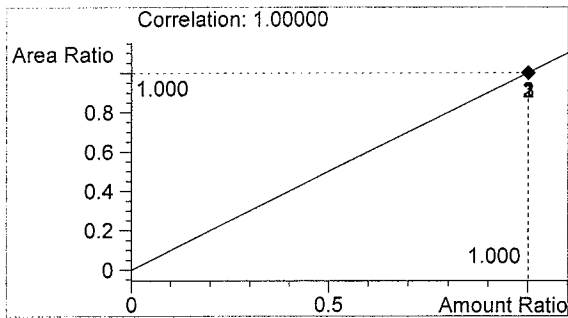


#	Compound	Area	RT
1	ethanol	375	1.113
2	n-propanol	1499	1.952

Totals:



ethanol 0.050 g/100ml



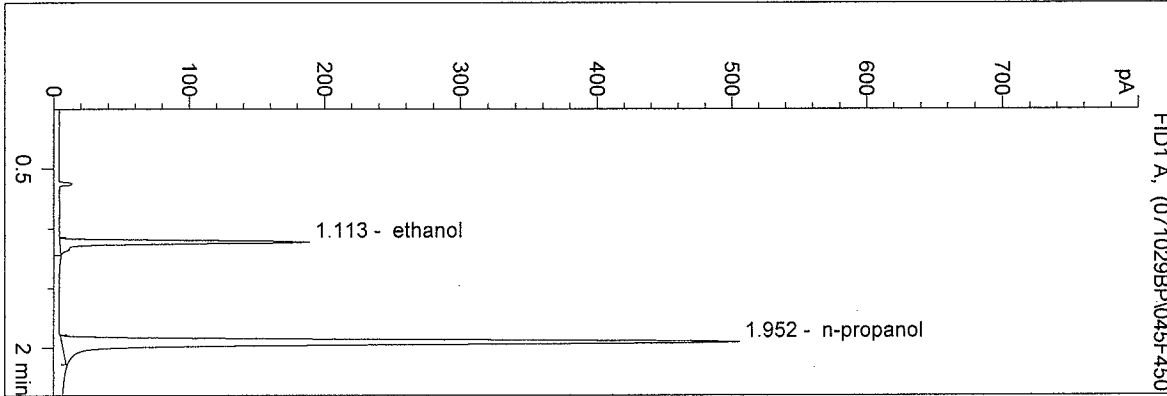
n-propanol 1.000 g/100ml

BP  
 10-30-07

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 3:14:45 PM  
 Instrument 5  
 DB-ALC2

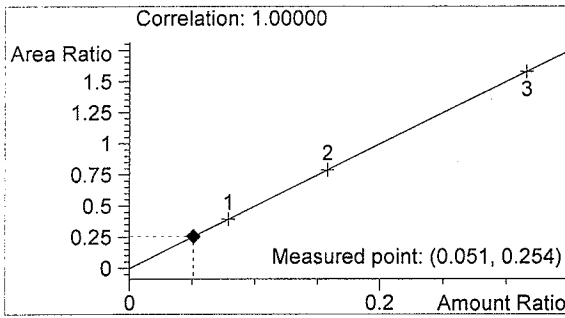
QA 07056-4  
 BRIANNA PETERSON

vial # 45

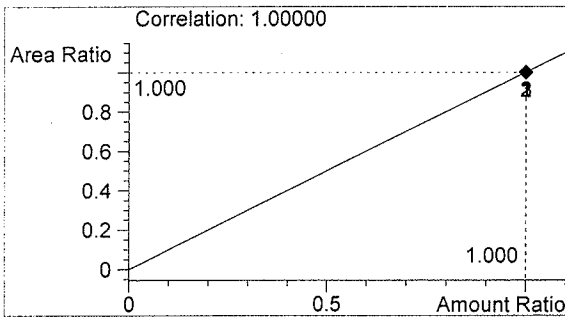


#	Compound	Area	RT
1	ethanol	382	1.113
2	n-propanol	1504	1.952

Totals:



ethanol 0.051 g/100ml



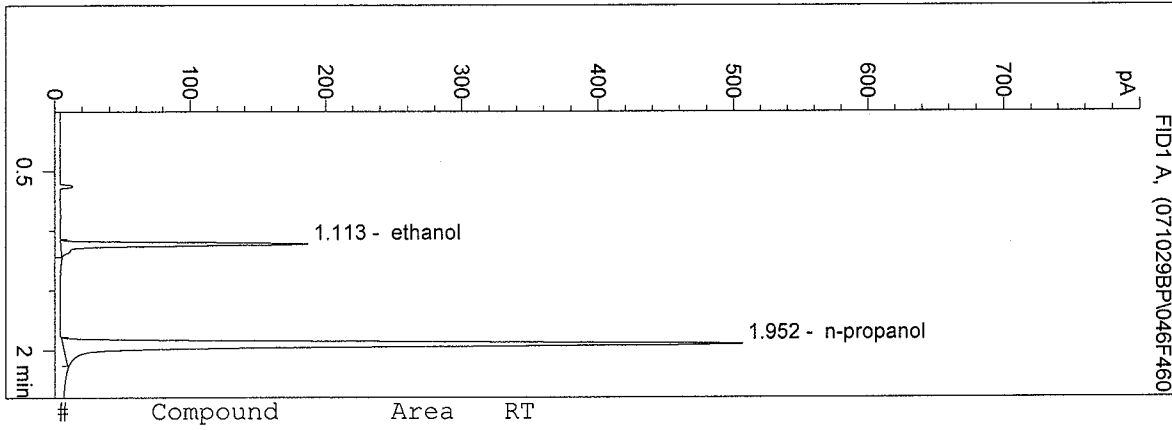
n-propanol 1.000 g/100ml

BP  
 10-30-07

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 3:18:24 PM  
 Instrument 5  
 DB-ALC2

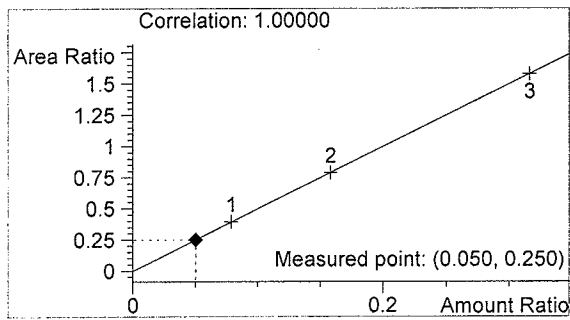
QA 07056-5  
 BRIANNA PETERSON

vial # 46

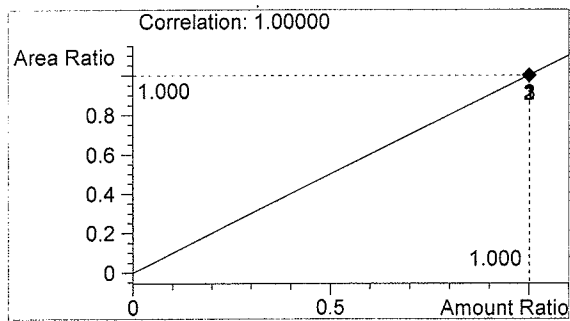


#	Compound	Area	RT
1	ethanol	376	1.113
2	n-propanol	1504	1.952

Totals:



ethanol 0.050 g/100ml



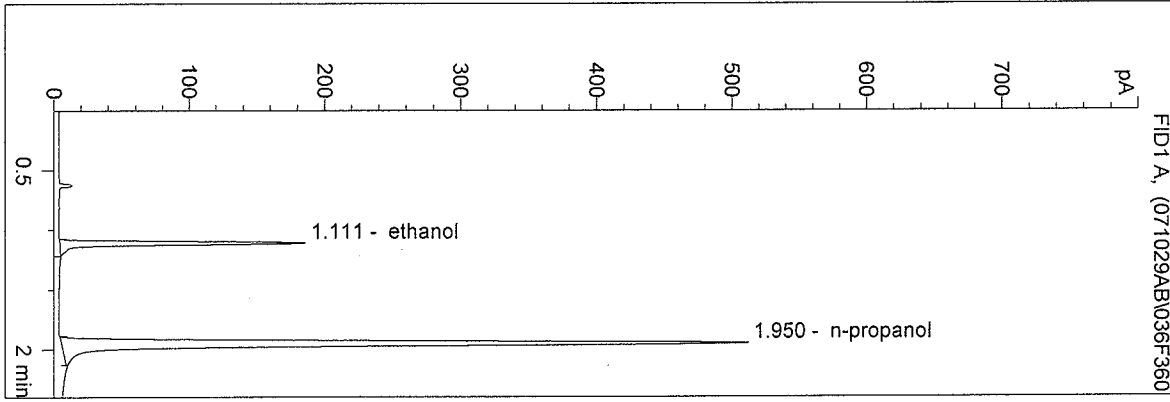
n-propanol 1.000 g/100ml

BP  
 10-30-07

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 7:41:30 PM  
 Instrument 5  
 DB-ALC2

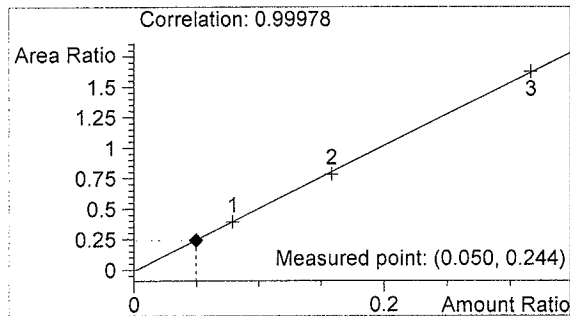
QA 07056-1  
 A. Black

vial # 36

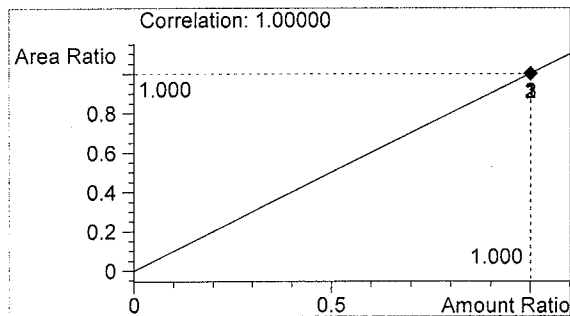


#	Compound	Area	RT
1	ethanol	370	1.111
2	n-propanol	1518	1.950

Totals:



ethanol 0.050 g/100ml



n-propanol 1.000 g/100ml

OB  
 10-30-07

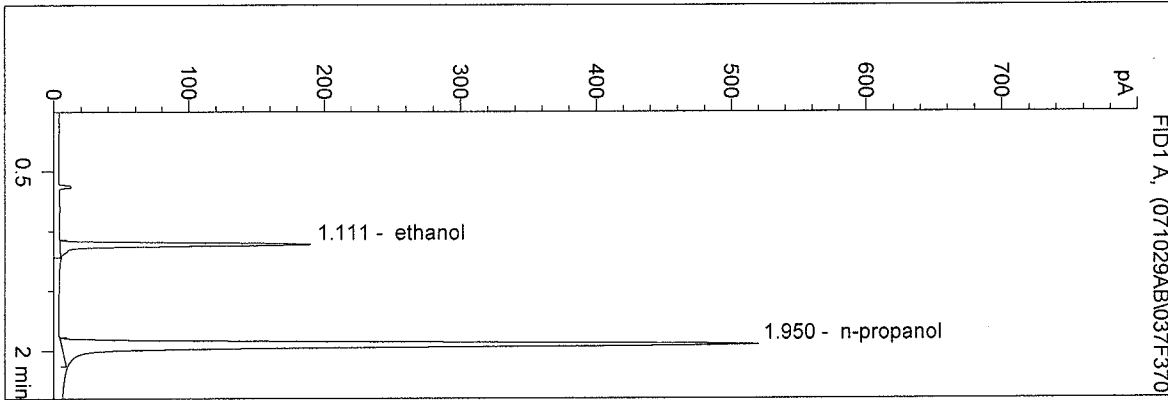
CALIBRATION FILED WITH ST0708388



D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 7:45:03 PM  
 Instrument 5  
 DB-ALC2

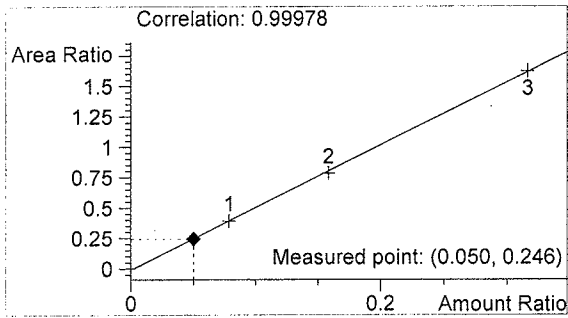
QA 07056-2  
 A. Black

vial # 37

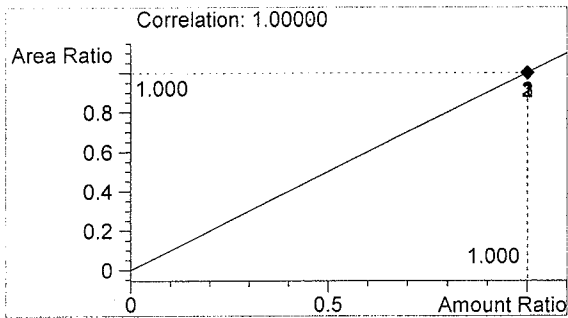


#	Compound	Area	RT
1	ethanol	380	1.111
2	n-propanol	1545	1.950

Totals:



ethanol 0.050 g/100ml



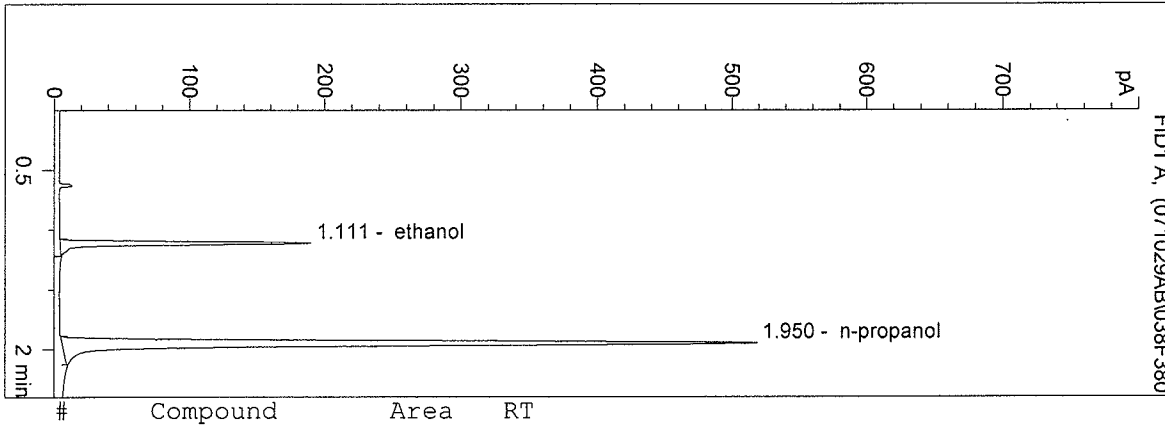
n-propanol 1.000 g/100ml

*OB*  
 10-30-07

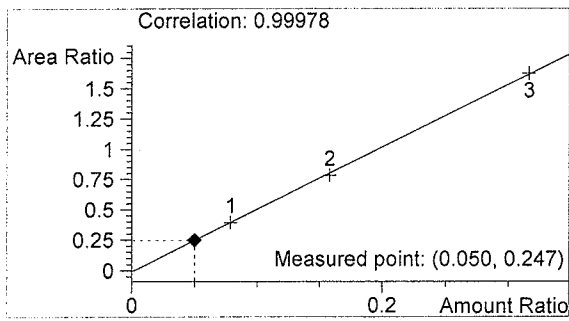
D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 7:48:47 PM  
 Instrument 5  
 DB-ALC2

QA 07056-3  
 A. Black

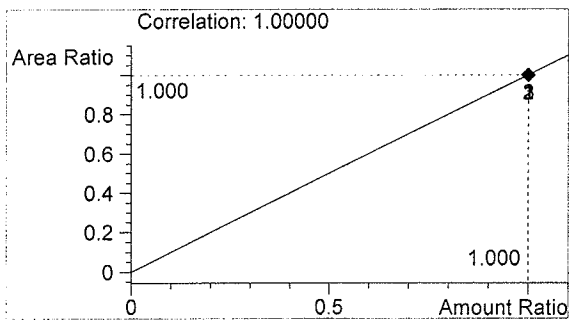
vial # 38



Totals:



ethanol 0.050 g/100ml



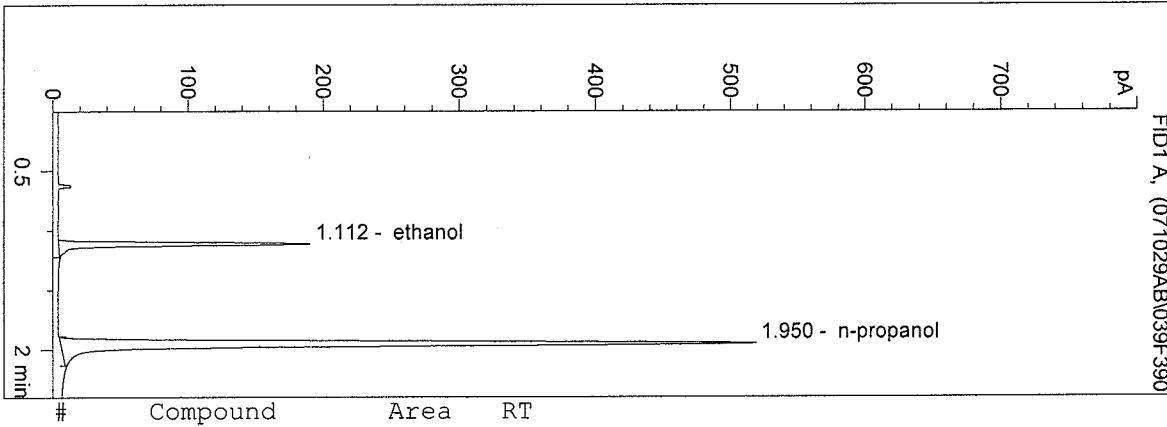
n-propanol 1.000 g/100ml

AB  
 10-30-07

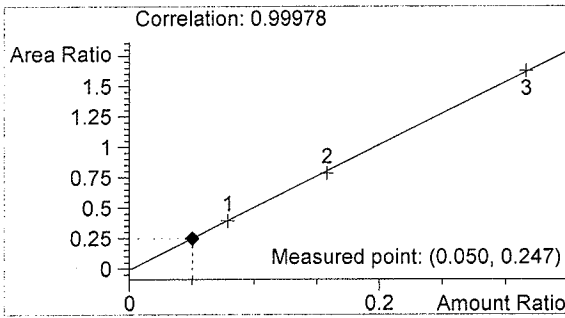
D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 7:53:29 PM  
 Instrument 5  
 DB-ALC2

QA 07056-4  
 A. Black

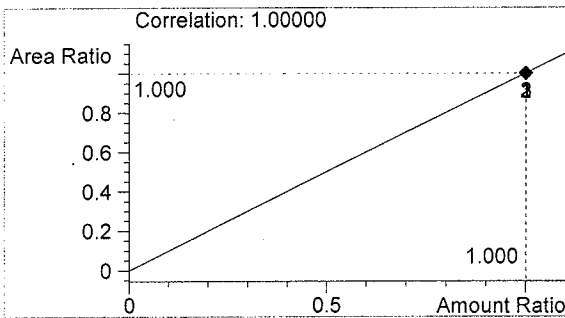
vial # 39



Totals:



ethanol 0.050 g/100ml



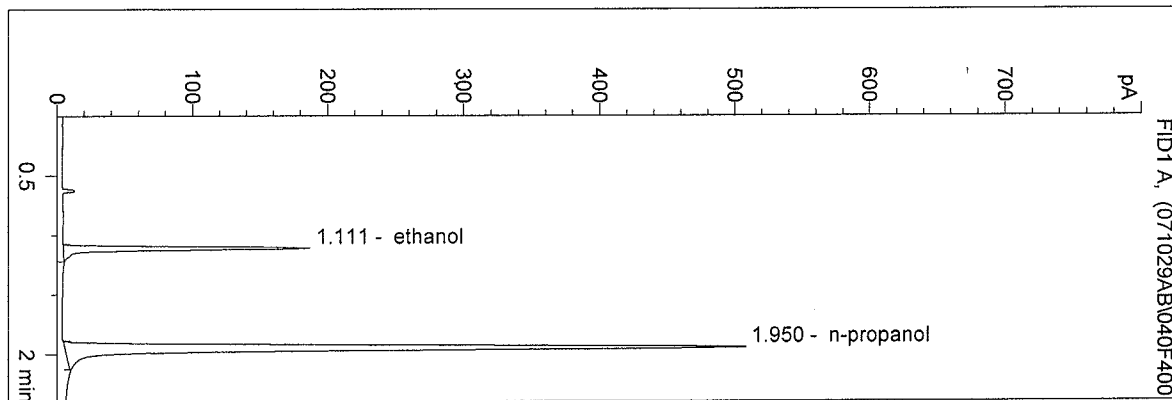
n-propanol 1.000 g/100ml

AB  
 10-30-07

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 7:57:01 PM  
 Instrument 5  
 DB-ALC2

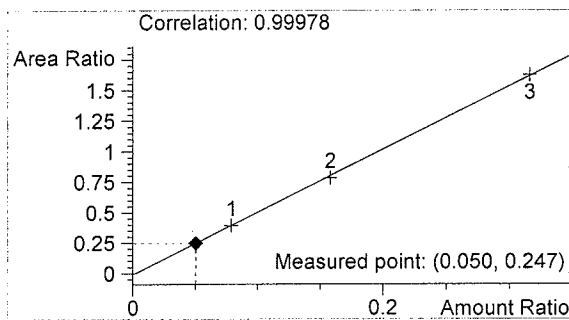
QA 07056-5  
 A. Black

vial # 40

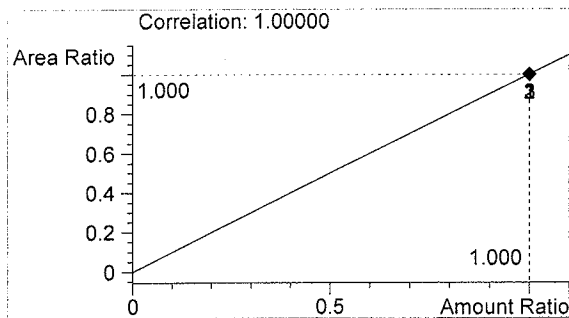


#	Compound	Area	RT
1	ethanol	374	1.111
2	n-propanol	1511	1.950

Totals:



ethanol 0.050 g/100ml



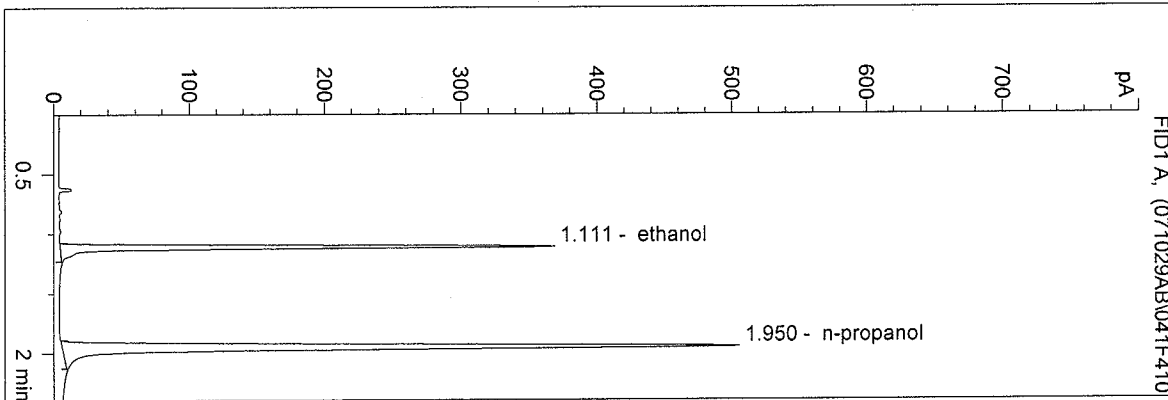
n-propanol 1.000 g/100ml

OB  
 10-30-07

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 8:00:41 PM  
 Instrument 5  
 DB-ALC2

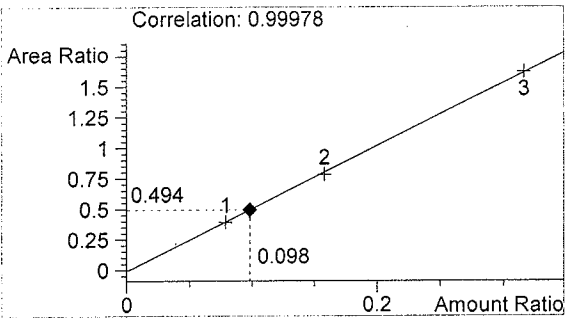
0.10 AB Control  
 A. Black

vial # 41

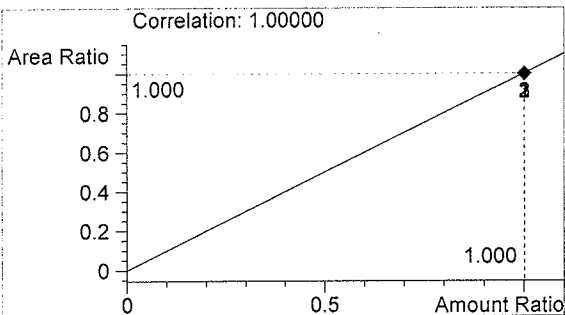


#	Compound	Area	RT
1	ethanol	743	1.111
2	n-propanol	1503	1.950

Totals:



ethanol 0.098 g/100ml



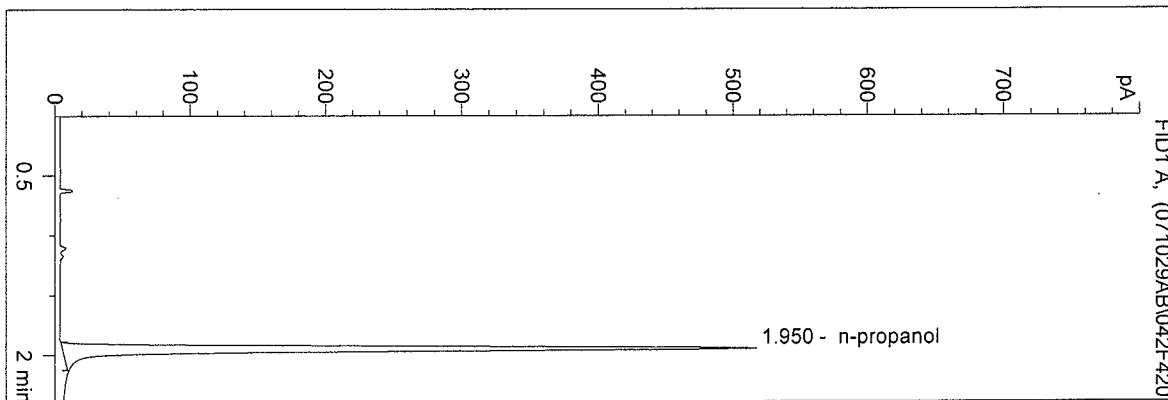
n-propanol 1.000 g/100ml

AB  
 10-30-07

D:\HPCHEM\1\METHODS\BLDALCO2.M  
 10/29/2007 8:05:34 PM  
 Instrument 5  
 DB-ALC2

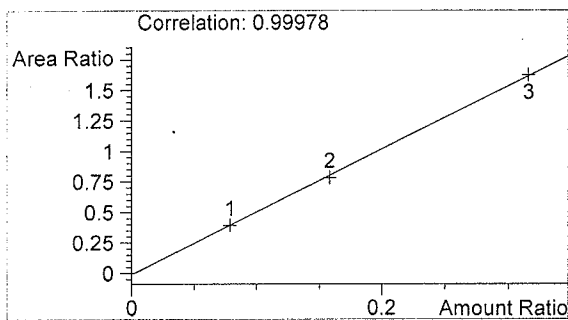
BLANK  
 A. Black

vial # 42

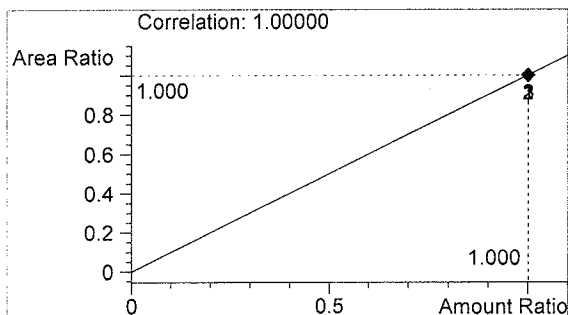


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1539	1.950

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

AB  
 10-30-07