

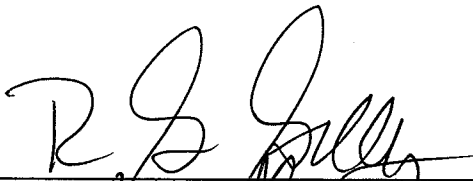
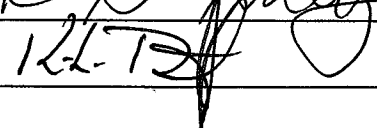
WASHINGTON STATE TOXICOLOGY LABORATORY SIMULATOR SOLUTION DATA ENTRY REVIEW



Reviewer/ s: DENTON/ GULLBERG Date: 7/31/2008

Location: Seattle Tox Lab Solution Batch Number: 08033

	YES	NO	N/A
Preparation date precedes all analysis dates:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Declarations signed and properly dated:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data entry corresponds to all chromatograms:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All signatures present on Analysis sheet:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Avg. solution concentration correct?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard deviation correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Range correct if applicable:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equivalent vapor concentration correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blank Chromatograms included in file:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External Control information correct: (lot # present and future date)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complies with accuracy and precision requirements established by the State Toxicologist:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CV% Correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reviewed for outliers per policy and none found?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:			

Reviewer Signature:  Date: 7-31-08
 Reviewer Signature:  Date: 7/31/2008

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

QUALITY ASSURANCE SOLUTION DATABASE

Preparation and certification of **0.15** g/210L Quality Assurance Solution

Batch number **08033**

Date prepared: 07/11/2008

Preparation: **42.3** mL of absolute ethyl alcohol diluted to **18** Liters with water

Concentration of ethanol (g/100mL) measured by gas chromatography:

	Analyst 1	Analyst 2	Analyst 3
1	0.189	0.189	0.189
2	0.190	0.189	0.191
3	0.189	0.189	0.188
4	0.189	0.189	0.189
5	0.188	0.189	0.190
Ctrl	0.100	0.100	0.100

Statistics:
 Avg. solution concent.: 0.1891 g/100 mL
 SD: 0.00074
 Range (3.8XSD): 0.1863 to 0.1919
 Precision CV (%): 0.3930 %

External Control:
 Lot #: a056938 Exp date: 04 / 2012
 Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.1537 g/210L

<u>Analyst</u>	<u>Name</u>	<u>Signature</u>	<u>Date Tested</u>
1	Brianne Akins	<i>Brianne E. Akins</i>	07/11/2008
2	Erin Kolbrich	<i>Erin Kolbrich</i>	07/14/2008
3	Lisa Noble	<i>Lisa Noble</i>	07/15/2008

Prepared by: Brianne Akins according to the approved protocol.

Final review by: *MP*

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 LOT 08033

I, Brianne E. Akins, 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 Veterinary Medical Sciences.

The quality assurance solution, Lot Number 08033, was prepared in the Washington State Toxicology Laboratory on 7/11/2008. 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 7/11/2009.

Seattle, WA

Brianne E. Akins 7-24-08
Brianne E. Akins
Forensic Toxicologist

BEA/ik
BAQA

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 08033

I, Erin A Kolbrich, 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 Forensic Chemistry and Ph.D. degree in Toxicology.

The quality assurance solution, Lot Number 08033, was prepared in the Washington State Toxicology Laboratory on 7/11/2008. 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 7/11/2009.

Seattle, WA

A handwritten signature in cursive that reads "Erin A Kolbrich" followed by the date "7-24-08".

Erin A Kolbrich, Ph.D. Date
Forensic Toxicologist

EK/ik
EKQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 08033


I, Lisa R Noble, 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 and two years laboratory experience in forensic toxicology.

The quality assurance solution, Lot Number 08033, was prepared in the Washington State Toxicology Laboratory on 7/11/2008. 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 7/11/2009.

Seattle, WA



Lisa R Noble 7/24/08 Date
Forensic Toxicologist

LN/ik
LPQA



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 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
Amanda Black	
Asa Louis	
Brian Capron	
Brianna Peterson	
Brianne Akins <i>BEA</i>	7-24-08
Brittany Ball	
Christie Mitchell	
Christopher Johnston	
Erin Kolbrich <i>EAK</i>	7-24-08
Estuardo Miranda	
Gwynyth Scherperel	
Justin Knoy	
Lisa Noble <i>LN</i>	7/24/08
Melissa Pemberton	
Naziha Nuwayhid	
Rebecca Flaherty	
Sarah Swenson	

Sequence Parameters:

Operator: Brianne E. Akins
Data File Naming: Prefix/Counter
Signal 1 Prefix: SIG1
Counter: 0001
Signal 2 Prefix: SIG2
Counter: 0001
Data Directory: C:\HPCHEM\2\DATA\
Data Subdirectory: 080711BA
Part of Methods to run: According to Runtime Checklist
Barcode Reader: not used
Shutdown Cmd/Macro: none

Sequence Comment:

ORIGINAL CALIBRATION IN QA 08030 FILE.
0.04 CONTROL - LOT # A056758 - EXP 03/2012
0.10 CONTROL - LOT # A056938 - EXP 04/2012
0.20 CONTROL - LOT # A055525 - EXP 02/2012

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	Ctrl Samp		
6	Vial 6	0.04 MIX	VOL	1	Calib		
7	Vial 7	0.08 MIX	VOL	1	Calib		
8	Vial 8	0.02 STD	BLDALCO3	1	Sample		
9	Vial 9	0.04 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.20 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
12	Vial 12	BLANK	BLDALCO3	1	Sample		
13	Vial 13	QA 08030 A	BLDALCO3	1	Sample		
14	Vial 14	QA 08030 B	BLDALCO3	1	Sample		
15	Vial 15	QA 08030 C	BLDALCO3	1	Sample		
16	Vial 16	QA 08030 D	BLDALCO3	1	Sample		
17	Vial 17	QA 08030 E	BLDALCO3	1	Sample		
18	Vial 18	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO3	1	Sample		
20	Vial 20	QA 08031 A	BLDALCO3	1	Sample		
21	Vial 21	QA 08031 B	BLDALCO3	1	Sample		
22	Vial 22	QA 08031 C	BLDALCO3	1	Sample		
23	Vial 23	QA 08031 D	BLDALCO3	1	Sample		
24	Vial 24	QA 08031 E	BLDALCO3	1	Sample		
25	Vial 25	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
26	Vial 26	BLANK	BLDALCO3	1	Sample		
27	Vial 27	QA 08032 A	BLDALCO3	1	Sample		
28	Vial 28	QA 08032 B	BLDALCO3	1	Sample		
29	Vial 29	QA 08032 C	BLDALCO3	1	Sample		
30	Vial 30	QA 08032 D	BLDALCO3	1	Sample		
31	Vial 31	QA 08032 E	BLDALCO3	1	Sample		

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
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32	Vial 32	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
33	Vial 33	BLANK	BLDALCO3	1	Sample		
34	Vial 34	QA 08033 A	BLDALCO3	1	Sample		
35	Vial 35	QA 08033 B	BLDALCO3	1	Ctrl Samp		
36	Vial 36	QA 08033 C	BLDALCO3	1	Sample		
37	Vial 37	QA 08033 D	BLDALCO3	1	Sample		
38	Vial 38	QA 08033 E	BLDALCO3	1	Sample		
39	Vial 39	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
40	Vial 40	BLANK	BLDALCO3	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
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2	Vial 2	0.079 CAL	BLDALCO3	1	Replace	Replace	
3	Vial 3	0.158 CAL	BLDALCO3	2	Replace	Average	
4	Vial 4	0.316 CAL	BLDALCO3	3	Replace	Replace	
6	Vial 6	0.04 MIX	VOL	1	Replace	Replace	
7	Vial 7	0.08 MIX	VOL	2	Replace	Replace	

Sequence Table (Back Injector):

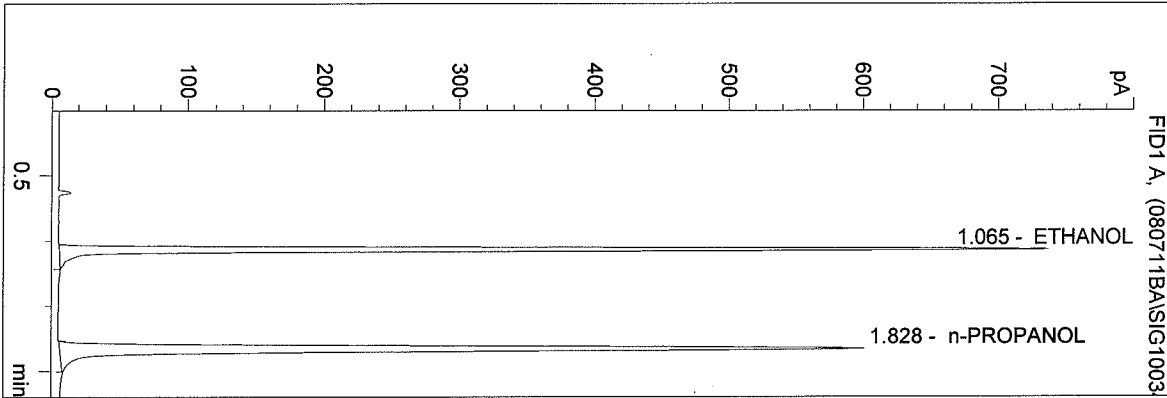
No entries - empty table!

BA

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/11/2008 4:59:16 PM
 Instrument 3
 db-alc2

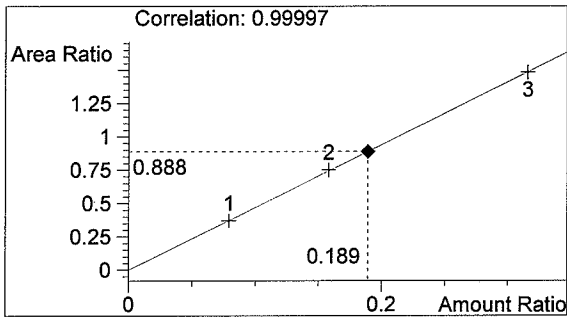
QA 08033 A
 Brianne E. Akins

vial # 34



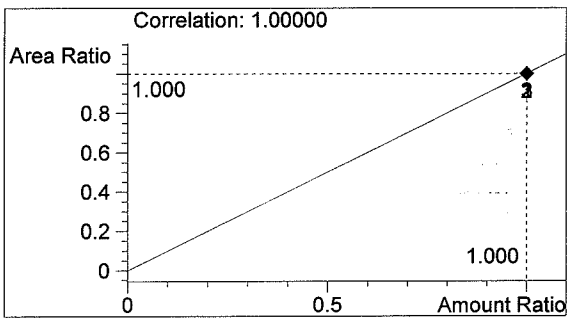
#	Compound	Area	RT
1	ETHANOL	1491	1.065
2	n-PROPANOL	1679	1.828

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

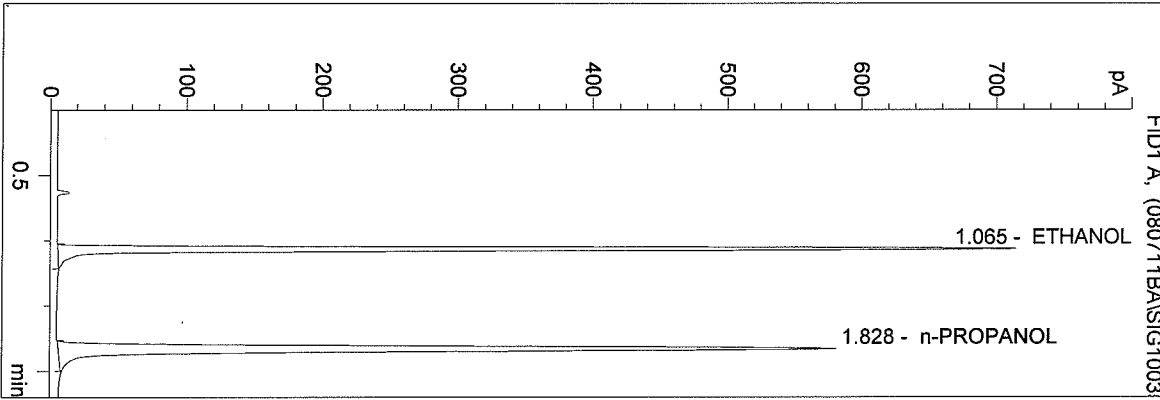
1.000 g/100ml

BWA

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/11/2008 5:02:23 PM
 Instrument 3
 db-alc2

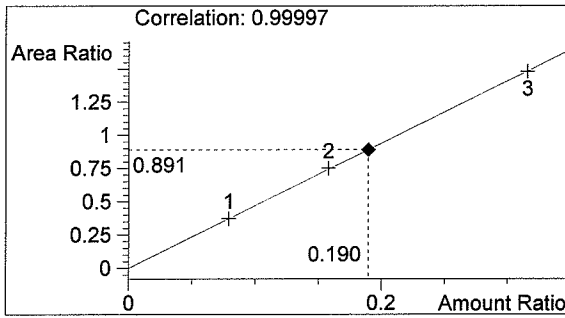
QA 08033 B
 Brianne E. Akins

vial # 35



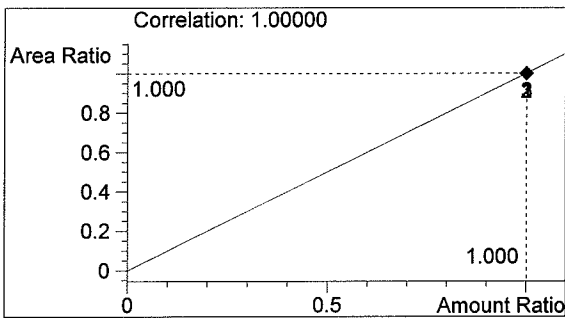
#	Compound	Area	RT
1	ETHANOL	1448	1.065
2	n-PROPANOL	1626	1.828

Totals:



ETHANOL

0.190 g/100ml



n-PROPANOL

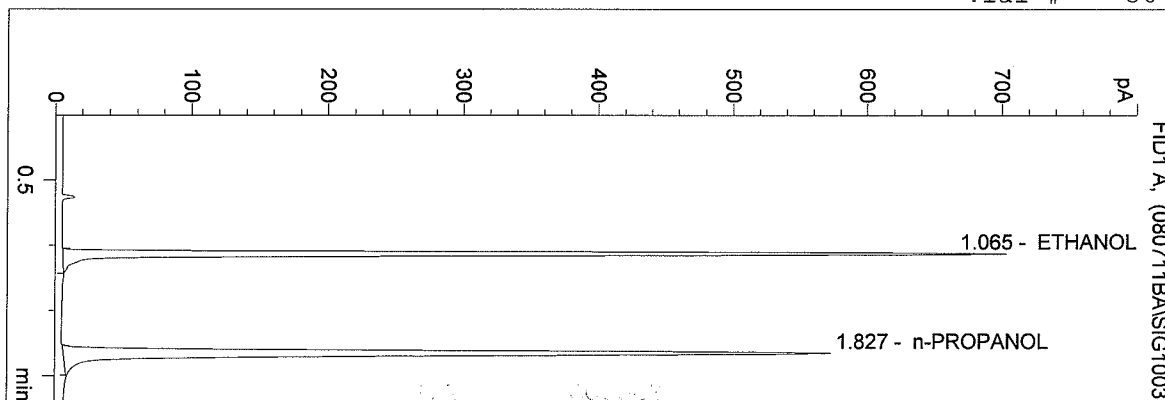
1.000 g/100ml

blc

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/11/2008 5:05:30 PM
 Instrument 3
 db-alc2

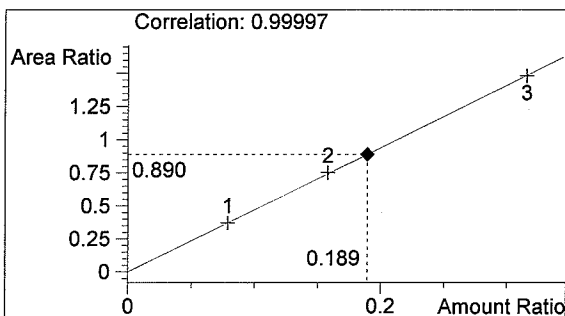
QA 08033 C
 Brianne E. Akins

vial # 36



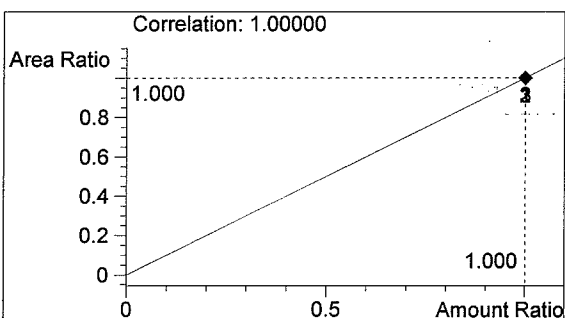
#	Compound	Area	RT
1	ETHANOL	1422	1.065
2	n-PROPANOL	1598	1.827

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

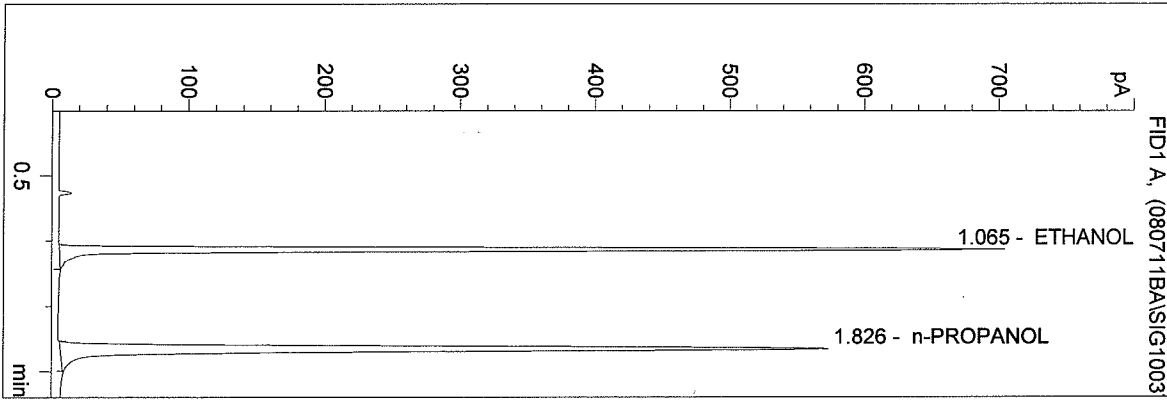
1.000 g/100ml

BCA

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/11/2008 5:08:38 PM
 Instrument 3
 db-alc2

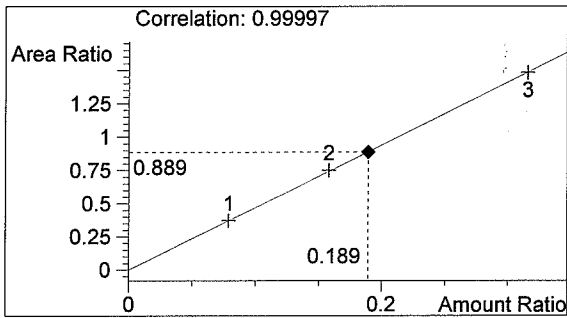
QA 08033 D
 Brianne E. Akins

vial # 37



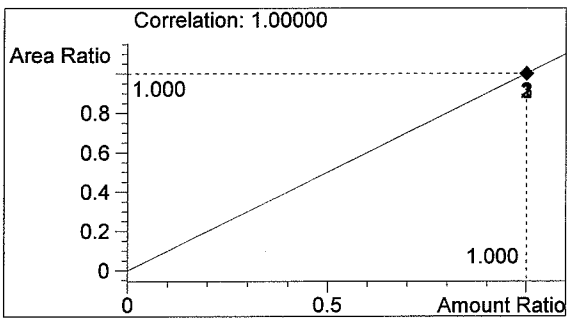
#	Compound	Area	RT
1	ETHANOL	1420	1.065
2	n-PROPANOL	1598	1.826

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

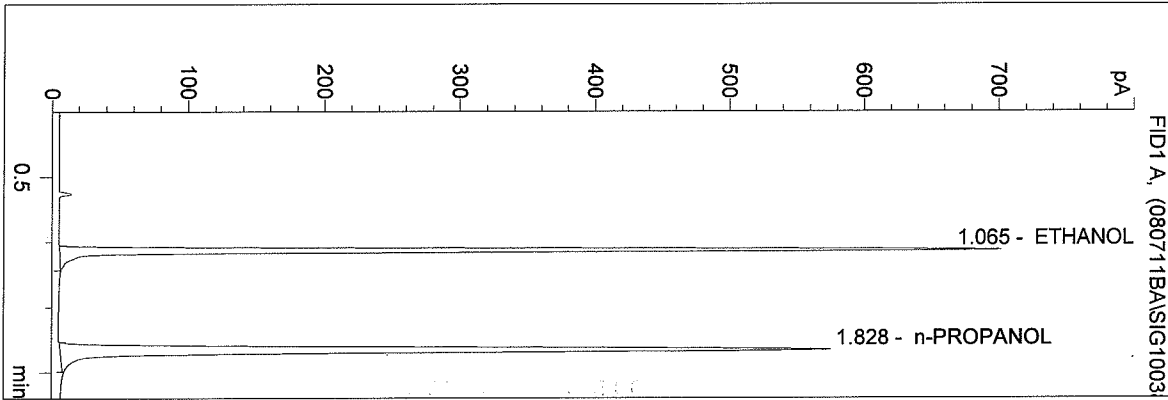
1.000 g/100ml

alc

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/11/2008 5:11:45 PM
 Instrument 3
 db-alc2

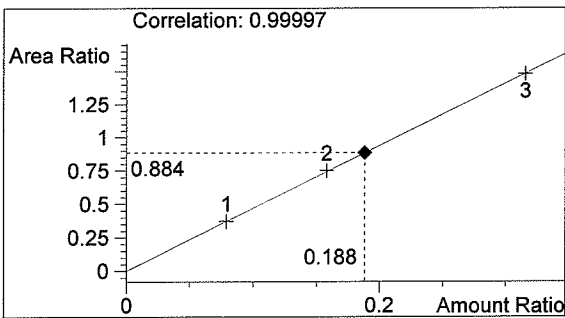
QA 08033 E
 Brianne E. Akins

vial # 38



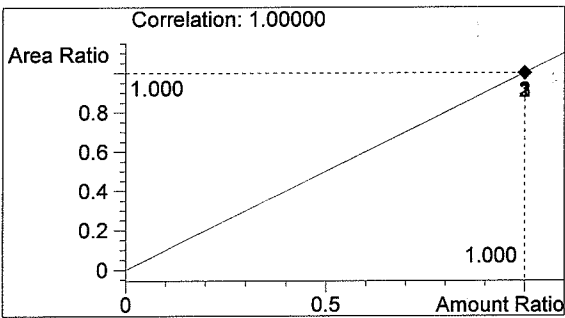
#	Compound	Area	RT
1	ETHANOL	1422	1.065
2	n-PROPANOL	1608	1.828

Totals:



ETHANOL

0.188 g/100ml



n-PROPANOL

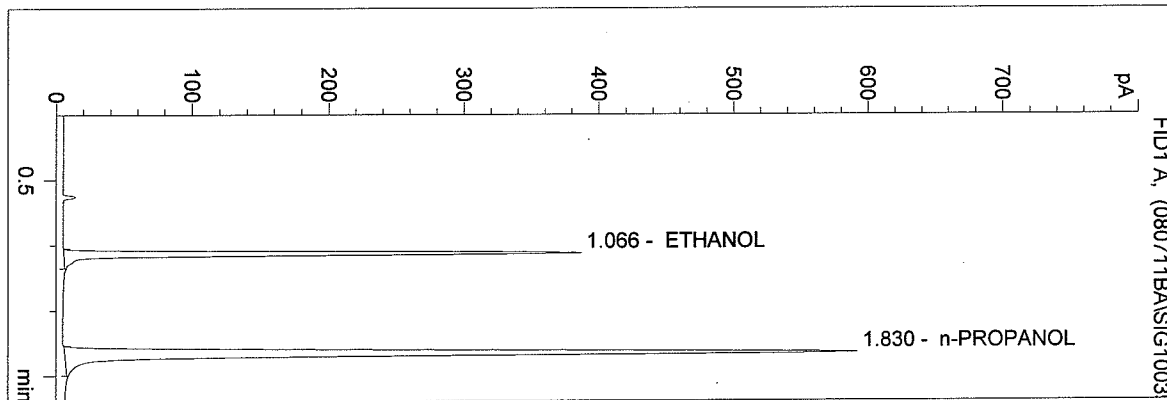
1.000 g/100ml

Blc

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/11/2008 5:14:52 PM
 Instrument 3
 db-alc2

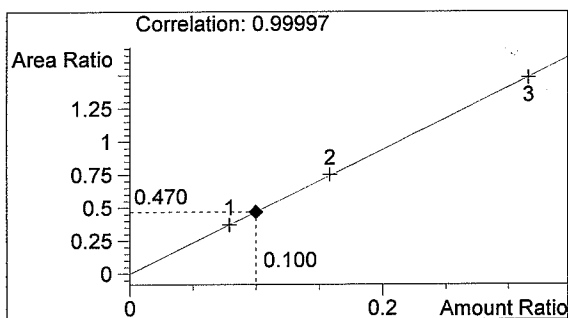
0.10 CONTROL-BA
 Brianne E. Akins

vial # 39



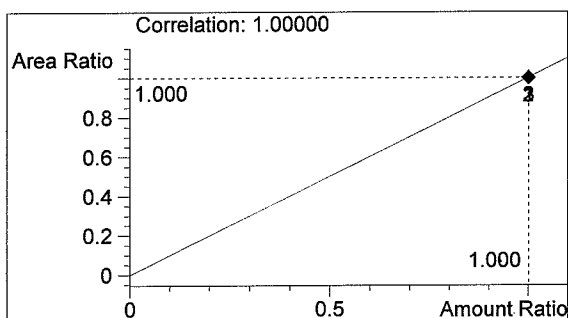
#	Compound	Area	RT
1	ETHANOL	778	1.066
2	n-PROPANOL	1656	1.830

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

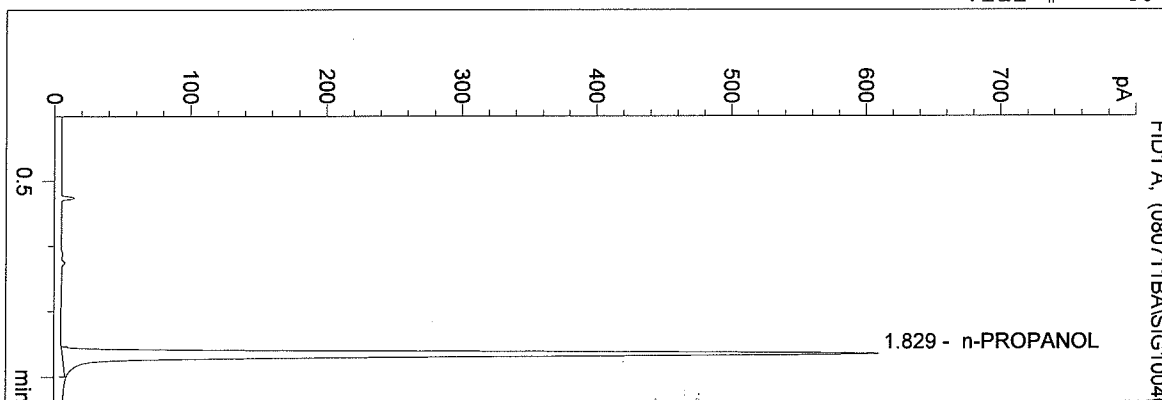
1.000 g/100ml

BA

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/11/2008 5:17:59 PM
 Instrument 3
 db-alc2

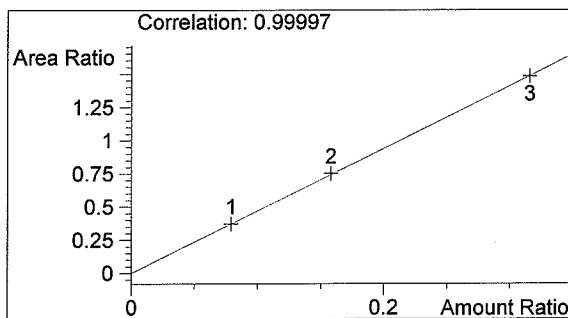
BLANK
 Brianne E. Akins

vial # 40



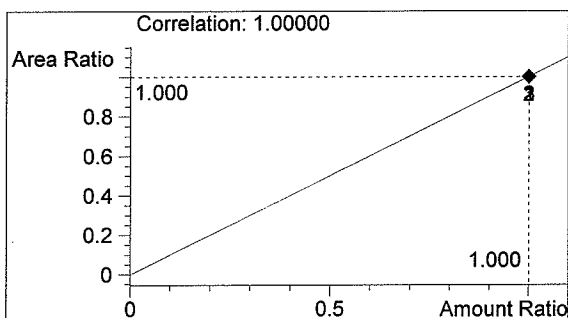
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1706	1.829

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

Bua

Sequence Parameters:

Operator: Erin Kolbrich

Data File Naming: Prefix/Counter

Signal 1 Prefix: SIG1

Counter: 0001

Signal 2 Prefix: SIG2

Counter: 0001

Data Directory: C:\HPCHEM\2\DATA\

Data Subdirectory: 080714E1

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	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL1	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL2	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL3	BLDALCO3	1	Calib		
5	Vial 5	Blank-EK	BLDALCO3	1	Ctrl Samp		
6	Vial 6	0.02	BLDALCO3	1	Sample		
7	Vial 7	40 VOLMIX	VOL3	1	Calib		
8	Vial 8	80 VOLMIX	VOL3	1	Calib		
9	Vial 9	0.040 CTRL-EK	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.200 CTRL-EK	BLDALCO3	1	Ctrl Samp		
12	Vial 12	Blank	BLDALCO3	1	Sample		
13	Vial 13	QA 08030 #1	BLDALCO3	1	Sample		
14	Vial 14	QA 08030 #2	BLDALCO3	1	Sample		
15	Vial 15	QA 08030 #3	BLDALCO3	1	Sample		
16	Vial 16	QA 08030 #4	BLDALCO3	1	Sample		
17	Vial 17	QA 08030 #5	BLDALCO3	1	Sample		
18	Vial 18	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
19	Vial 19	Blank	BLDALCO3	1	Sample		
20	Vial 20	QA 08031 #1	BLDALCO3	1	Sample		
21	Vial 21	QA 08031 #2	BLDALCO3	1	Sample		
22	Vial 22	QA 08031 #3	BLDALCO3	1	Sample		
23	Vial 23	QA 08031 #4	BLDALCO3	1	Sample		
24	Vial 24	QA 08031 #5	BLDALCO3	1	Sample		
25	Vial 25	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
26	Vial 26	Blank	BLDALCO3	1	Sample		
27	Vial 27	QA 08032 #1	BLDALCO3	1	Sample		
28	Vial 28	QA 08032 #2	BLDALCO3	1	Sample		
29	Vial 29	QA 08032 #3	BLDALCO3	1	Sample		
30	Vial 30	QA 08032 #4	BLDALCO3	1	Sample		
31	Vial 31	QA 08032 #5	BLDALCO3	1	Sample		
32	Vial 32	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
33	Vial 33	Blank	BLDALCO3	1	Sample		
34	Vial 34	QA 08033 #1	BLDALCO3	1	Sample		
35	Vial 35	QA 08033 #2	BLDALCO3	1	Sample		
36	Vial 36	QA 08033 #3	BLDALCO3	1	Sample		
37	Vial 37	QA 08033 #4	BLDALCO3	1	Sample		

*calibrator
data and
control lot #/
exp. date with
QA 08030*

EW

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
38	Vial 38	QA 08033 #5	BLDALCO3	1	Sample		
39	Vial 39	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
40	Vial 40	Blank	BLDALCO3	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL1	BLDALCO3	1	Replace		Average		
3	Vial 3	0.158 CAL2	BLDALCO3	2	Replace		Average		
4	Vial 4	0.316 CAL3	BLDALCO3	3	Replace		Average		
7	Vial 7	40 VOLMIX	VOL3	1	Replace		Average		
8	Vial 8	80 VOLMIX	VOL3	2	Replace		Average		

Sequence Table (Back Injector):

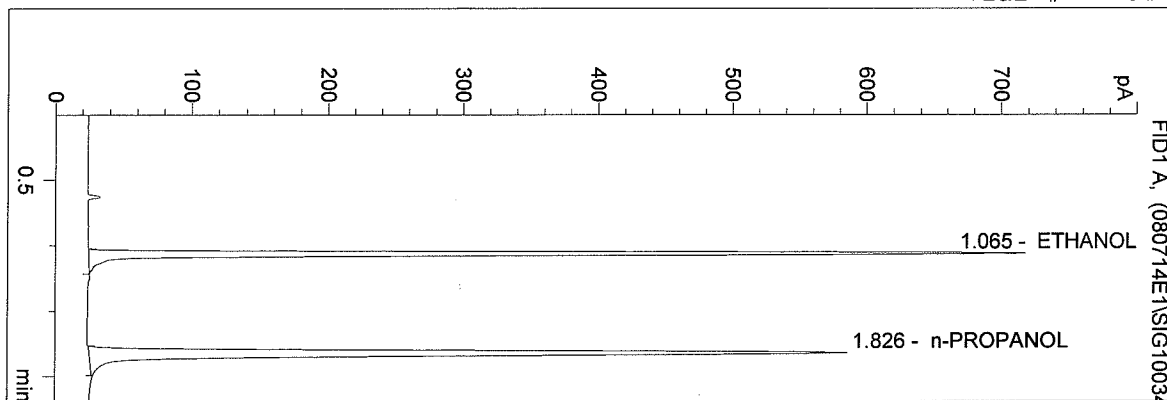
No entries - empty table!

OK

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/14/2008 1:36:16 PM
 Instrument 3
 db-alc2

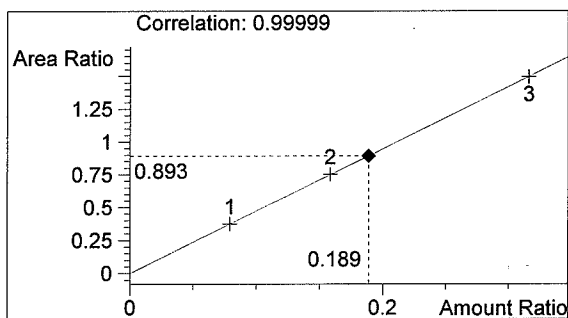
QA 08033 #1
 Erin Kolbrich

vial # 34

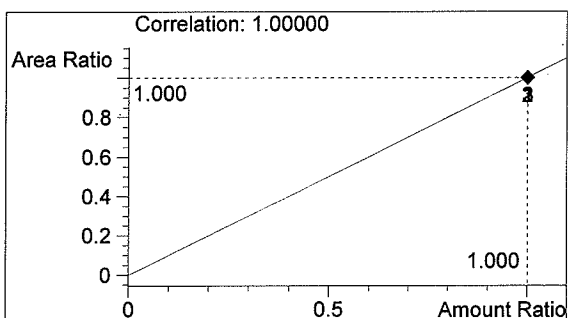


#	Compound	Area	RT
1	ETHANOL	1405	1.065
2	n-PROPANOL	1573	1.826

Totals:



0.189 g/100ml



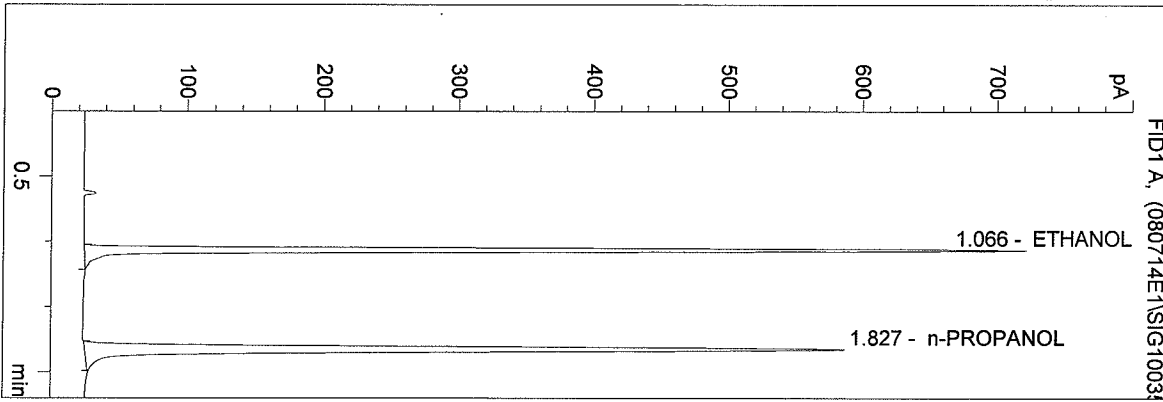
1.000 g/100ml

ek

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/14/2008 1:39:23 PM
 Instrument 3
 db-alc2

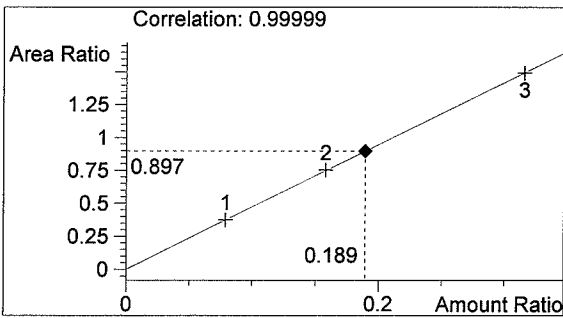
QA 08033 #2
 Erin Kolbrich

vial # 35



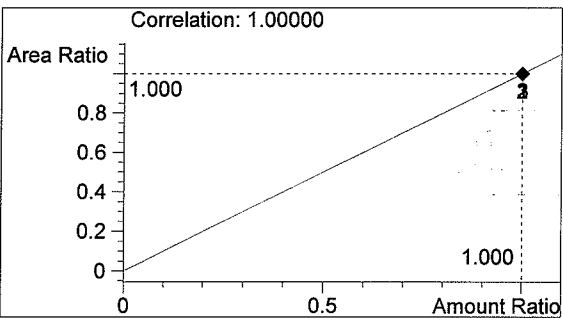
#	Compound	Area	RT
1	ETHANOL	1414	1.066
2	n-PROPANOL	1578	1.827

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

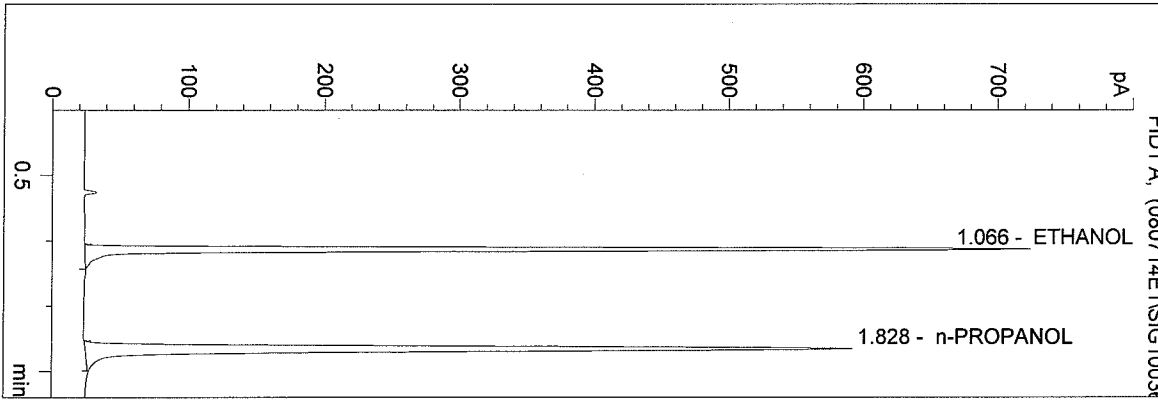
1.000 g/100ml

EW

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/14/2008 1:42:30 PM
 Instrument 3
 db-alc2

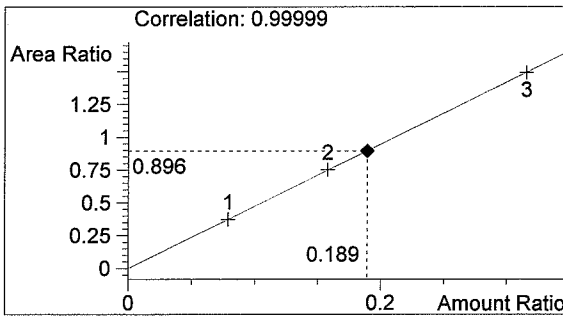
QA 08033 #3
 Erin Kolbrich

vial # 36



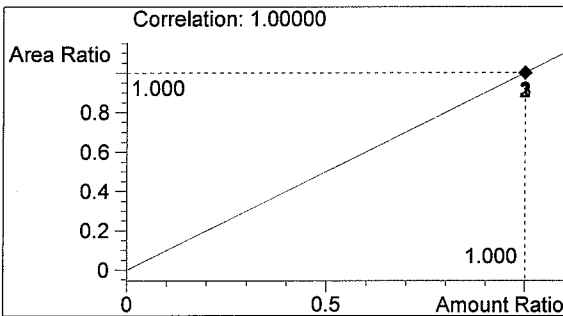
#	Compound	Area	RT
1	ETHANOL	1432	1.066
2	n-PROPANOL	1599	1.828

Totals:



ETHANOL

0.189 g/100ml



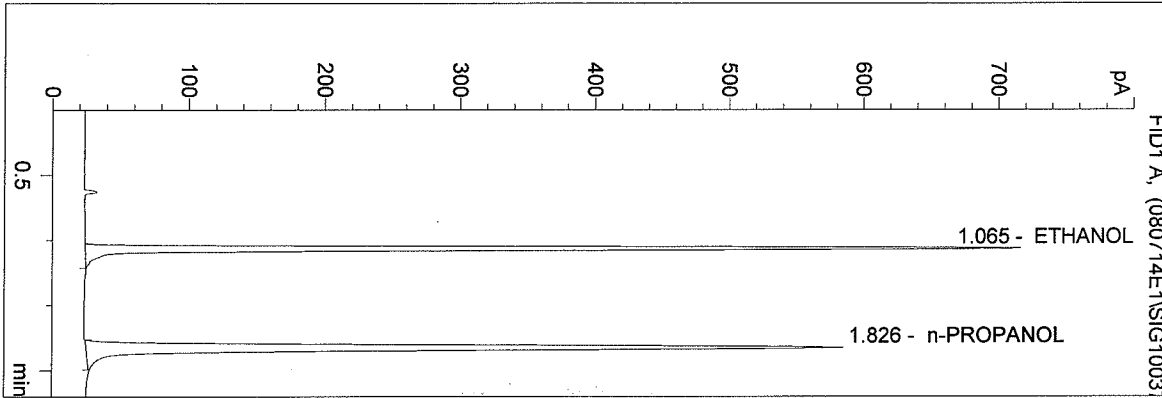
n-PROPANOL

1.000 g/100ml

EW

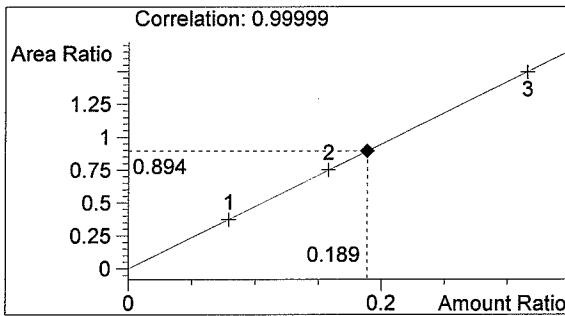
C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/14/2008 1:45:37 PM
 Instrument 3
 db-alc2

QA 08033 #4
 Erin Kolbrich
 vial # 37

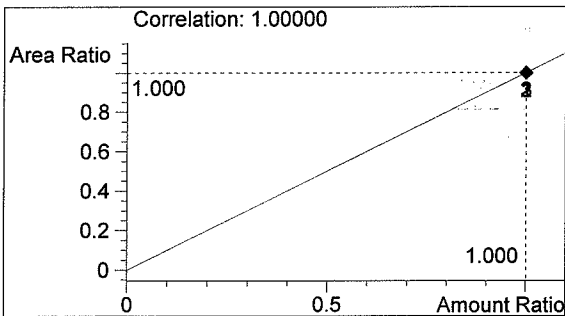


#	Compound	Area	RT
1	ETHANOL	1406	1.065
2	n-PROPANOL	1572	1.826

Totals:



0.189 g/100ml



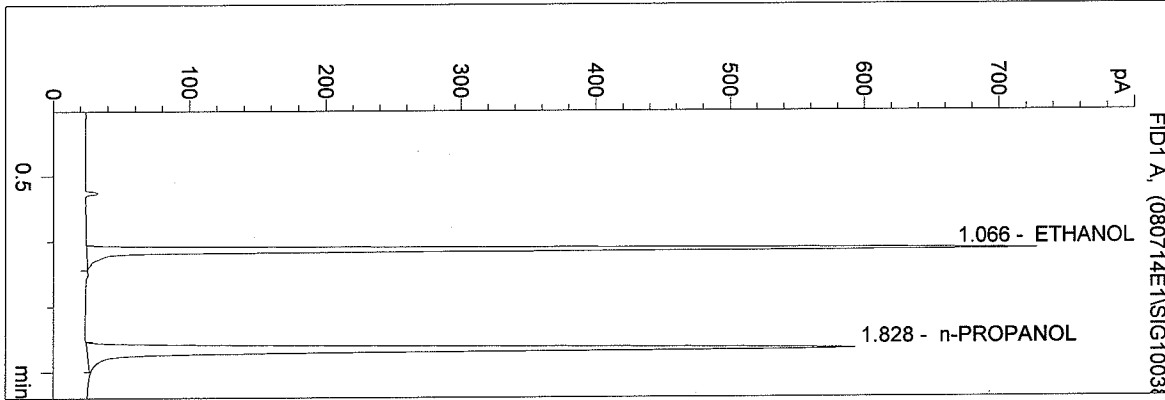
1.000 g/100ml

EN

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/14/2008 1:48:44 PM
 Instrument 3
 db-alc2

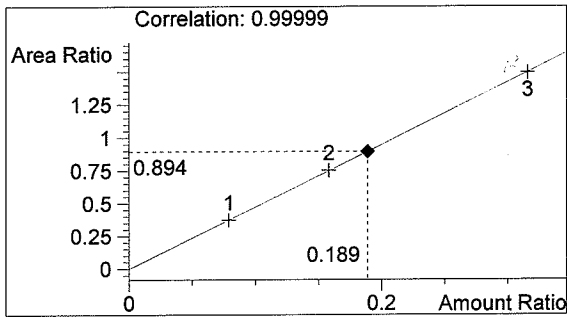
QA 08033 #5
 Erin Kolbrich

vial # 38

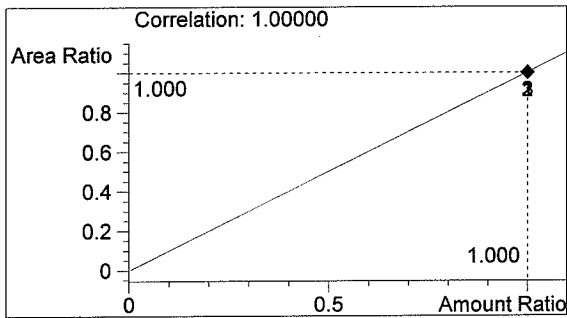


#	Compound	Area	RT
1	ETHANOL	1431	1.066
2	n-PROPANOL	1601	1.828

Totals:



0.189 g/100ml



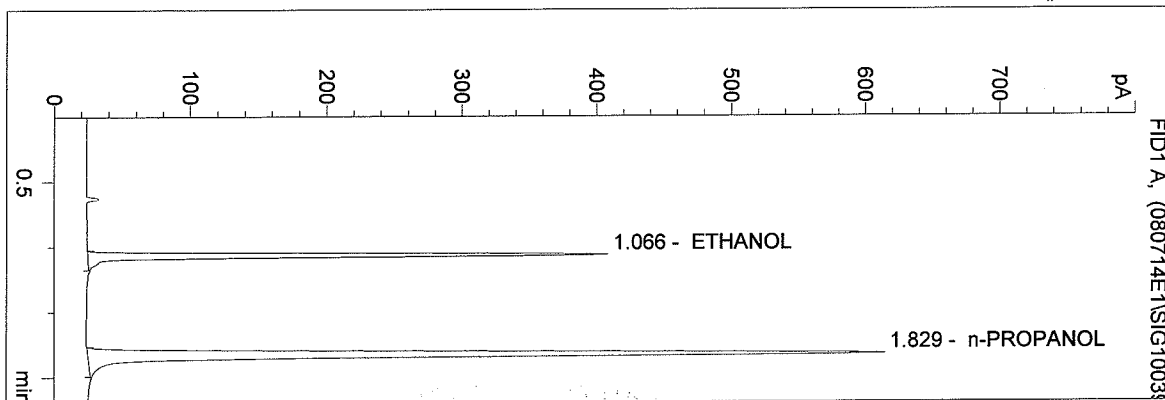
1.000 g/100ml

EW

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/14/2008 1:51:52 PM
 Instrument 3
 db-alc2

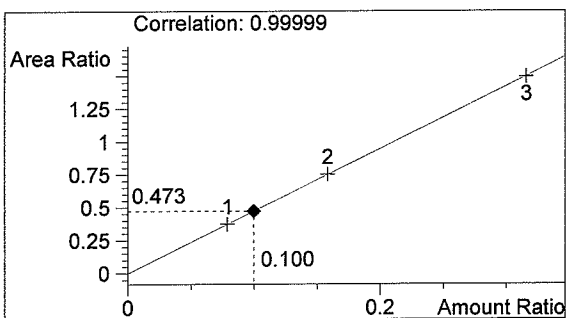
0.100 CTRL-EK
 Erin Kolbrich

vial # 39



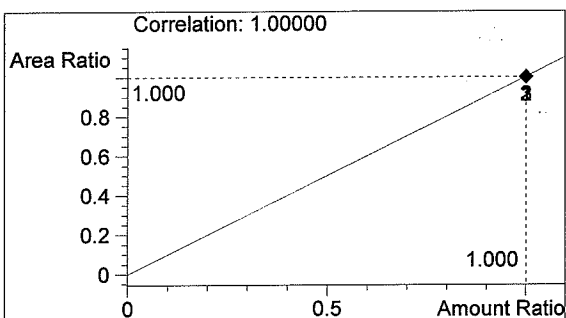
#	Compound	Area	RT
1	ETHANOL	786	1.066
2	n-PROPANOL	1663	1.829

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

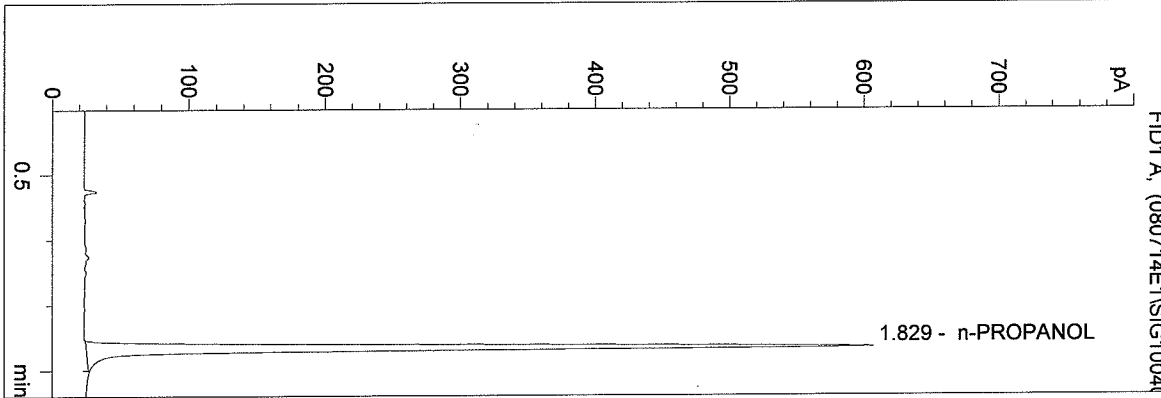
1.000 g/100ml

EK

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/14/2008 1:54:59 PM
 Instrument 3
 db-alc2

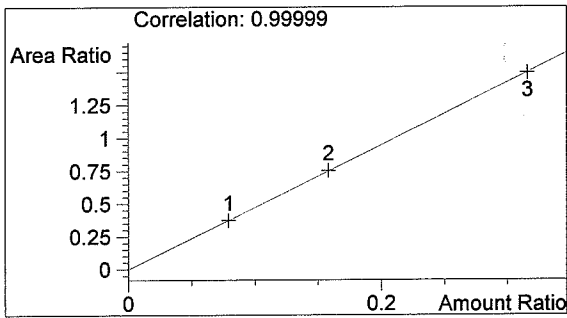
Blank
 Erin Kolbrich

vial # 40



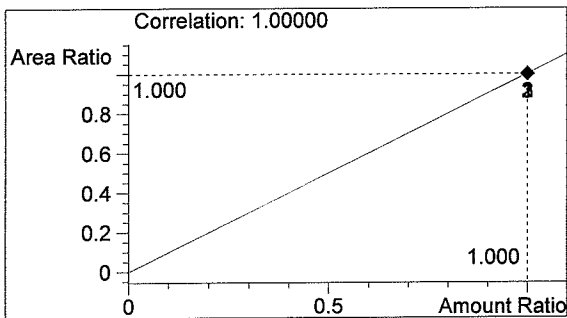
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1641	1.829

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

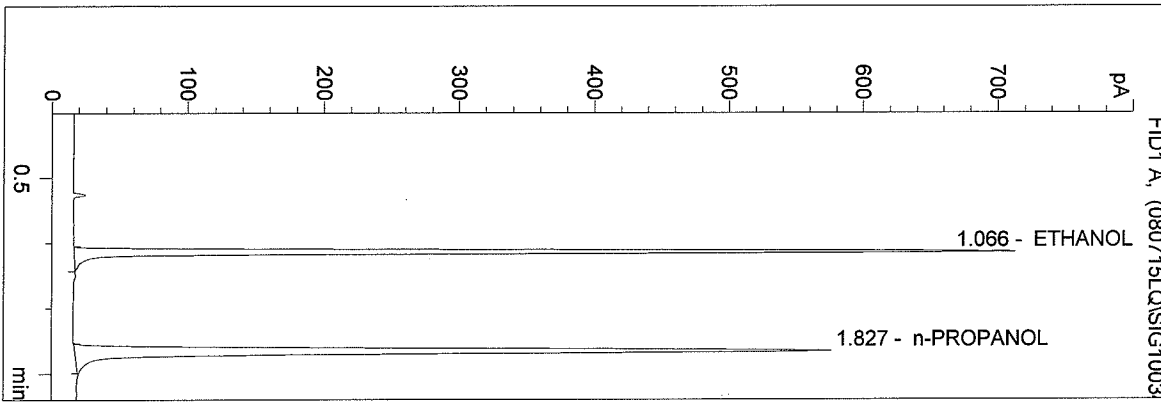
1.000 g/100ml

EM

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/15/2008 4:46:22 PM
 Instrument 3
 db-alc2

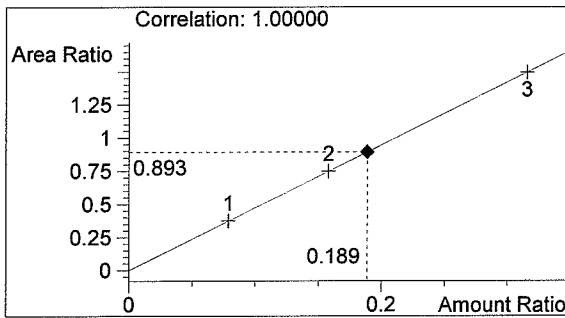
08033-1
 Lisa Noble

vial # 34



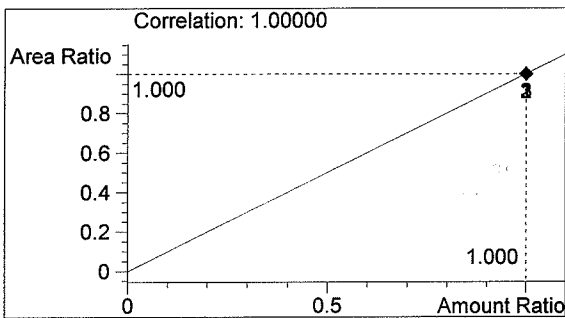
#	Compound	Area	RT
1	ETHANOL	1401	1.066
2	n-PROPANOL	1568	1.827

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

1.000 g/100ml

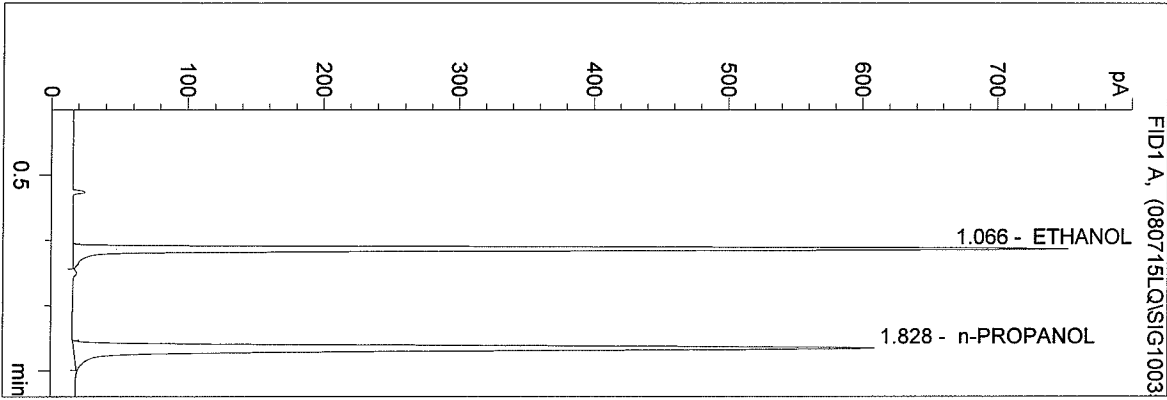
calibration filed
 with QA 08030.

Ln

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/15/2008 4:49:30 PM
 Instrument 3
 db-alc2

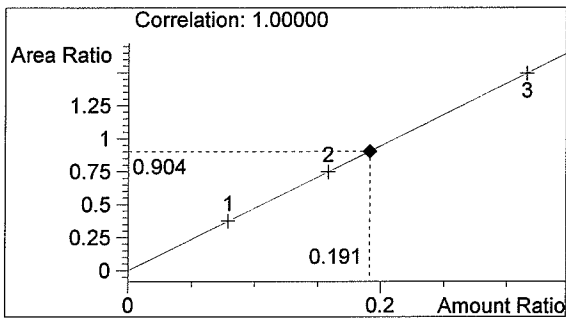
08033-2
 Lisa Noble

vial # 35



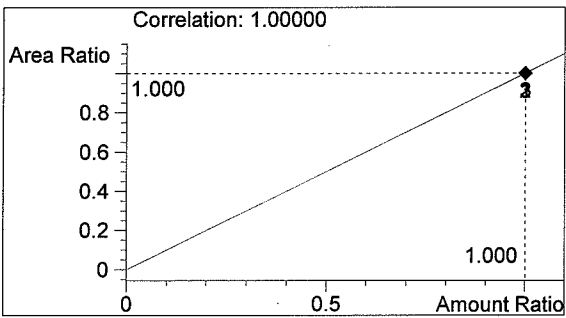
#	Compound	Area	RT
1	ETHANOL	1512	1.066
2	n-PROPANOL	1672	1.828

Totals:



ETHANOL

0.191 g/100ml



n-PROPANOL

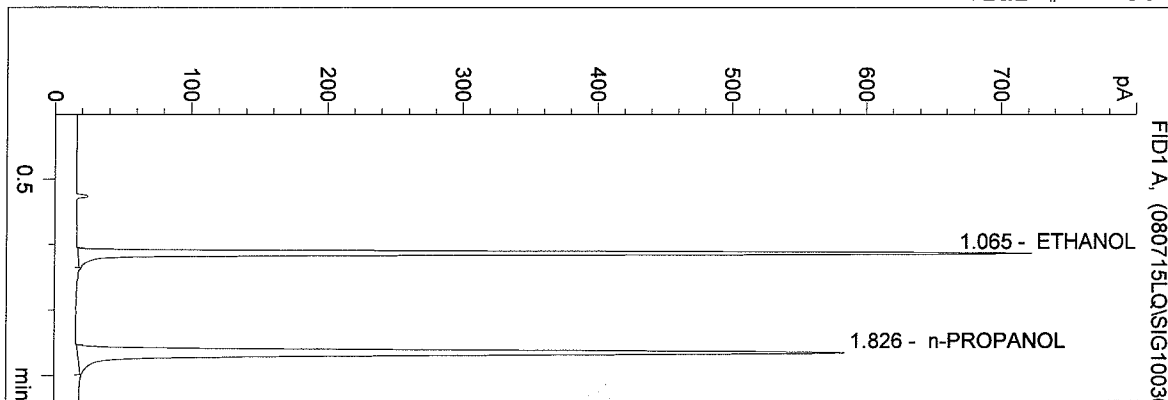
1.000 g/100ml

Handwritten signature

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/15/2008 4:52:37 PM
 Instrument 3
 db-alc2

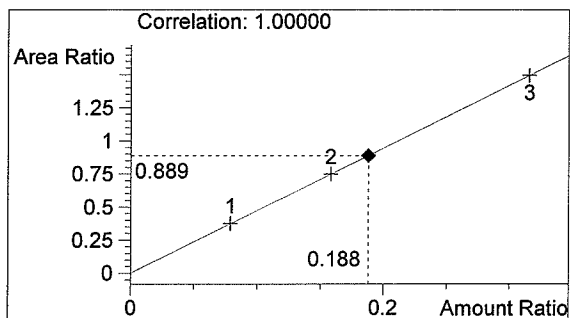
08033-3
 Lisa Noble

vial # 36

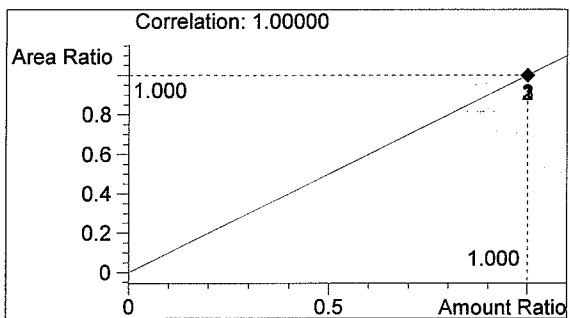


#	Compound	Area	RT
1	ETHANOL	1419	1.065
2	n-PROPANOL	1597	1.826

Totals:



0.188 g/100ml



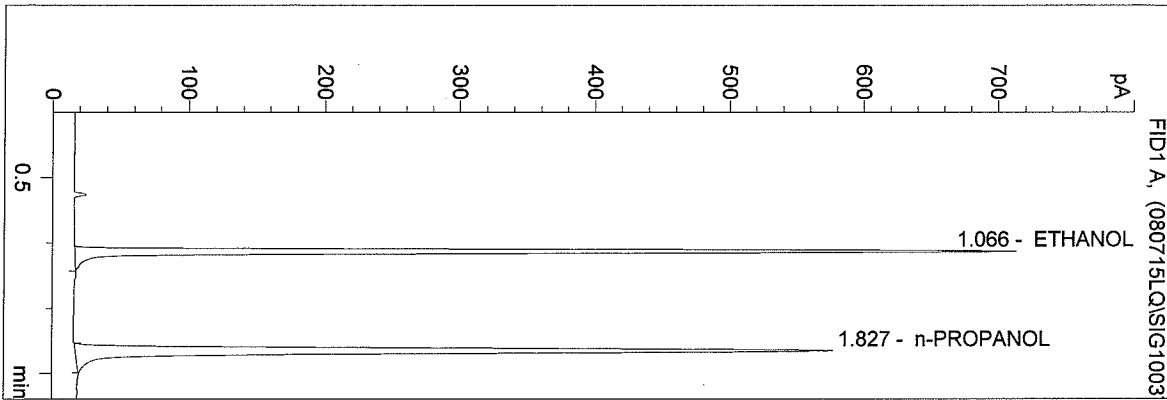
1.000 g/100ml

Ln

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/15/2008 4:55:44 PM
 Instrument 3
 db-alc2

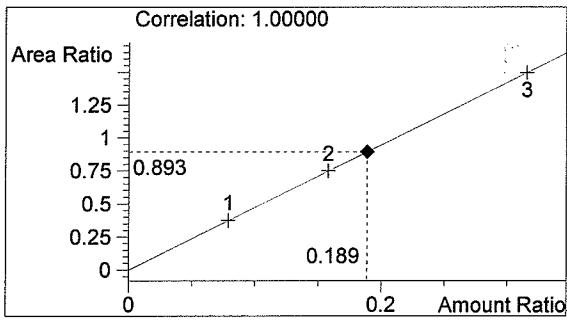
08033-4
 Lisa Noble

vial # 37

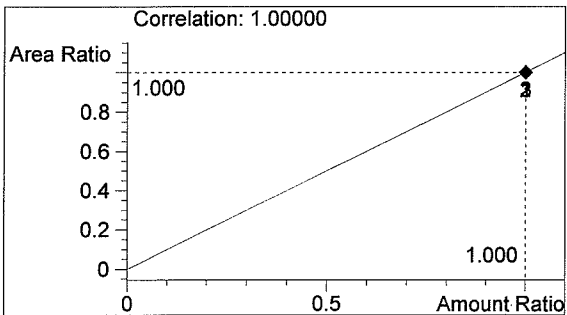


#	Compound	Area	RT
1	ETHANOL	1408	1.066
2	n-PROPANOL	1578	1.827

Totals:



0.189 g/100ml



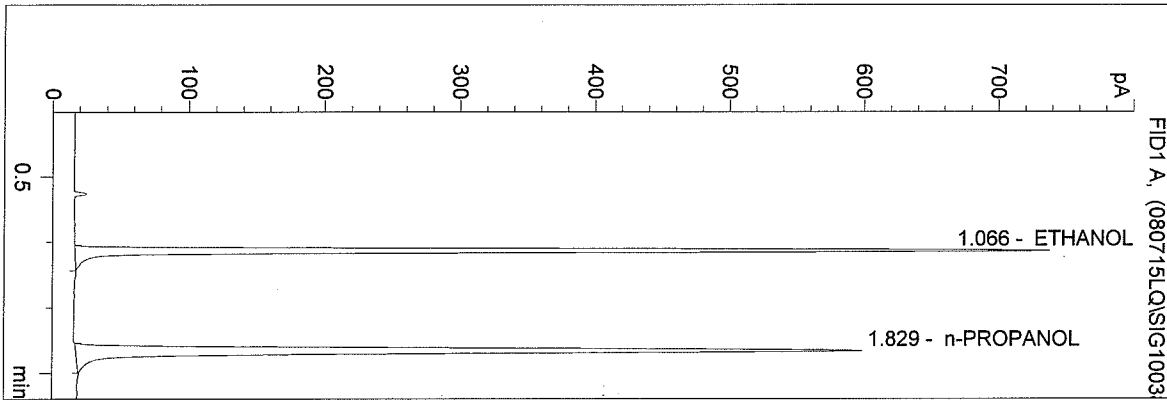
1.000 g/100ml

Ln

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/15/2008 4:58:51 PM
 Instrument 3
 db-alc2

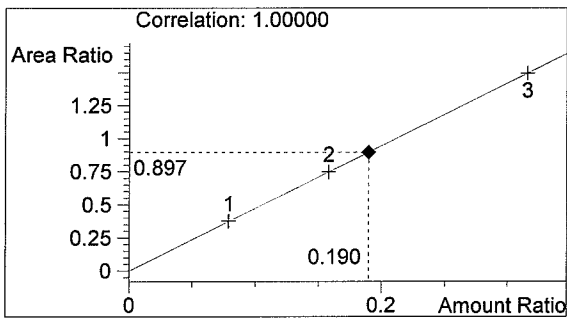
08033-5
 Lisa Noble

vial # 38

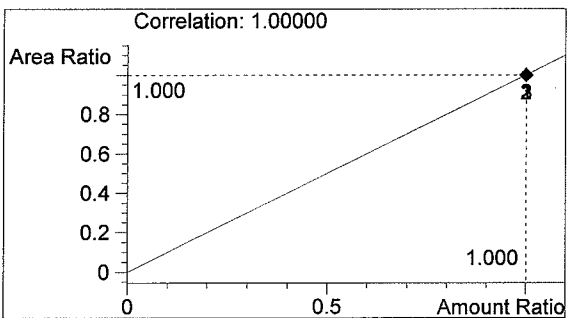


#	Compound	Area	RT
1	ETHANOL	1467	1.066
2	n-PROPANOL	1636	1.829

Totals:



0.190 g/100ml



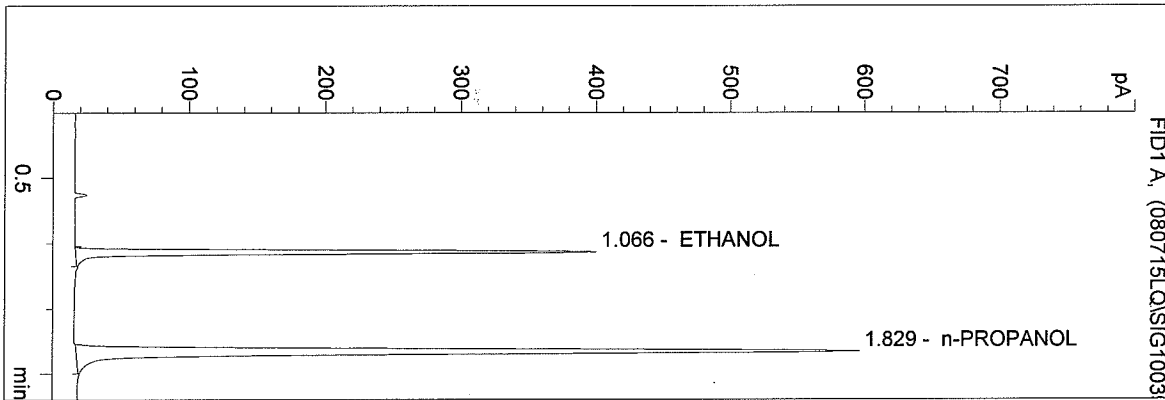
1.000 g/100ml

ln

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/15/2008 5:01:58 PM
 Instrument 3
 db-alc2

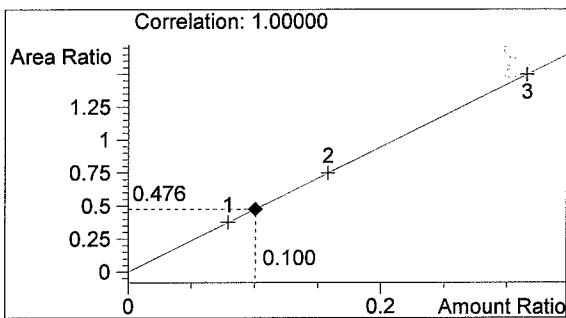
0.10 CONTROL LN
 Lisa Noble

vial # 39



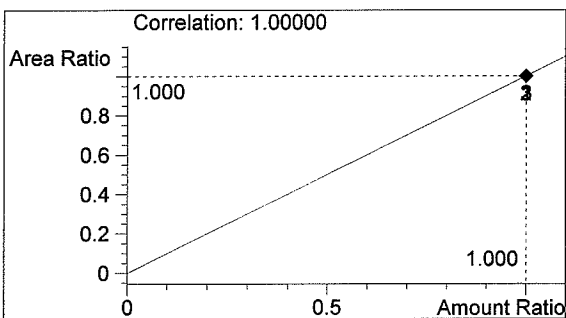
#	Compound	Area	RT
1	ETHANOL	776	1.066
2	n-PROPANOL	1632	1.829

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

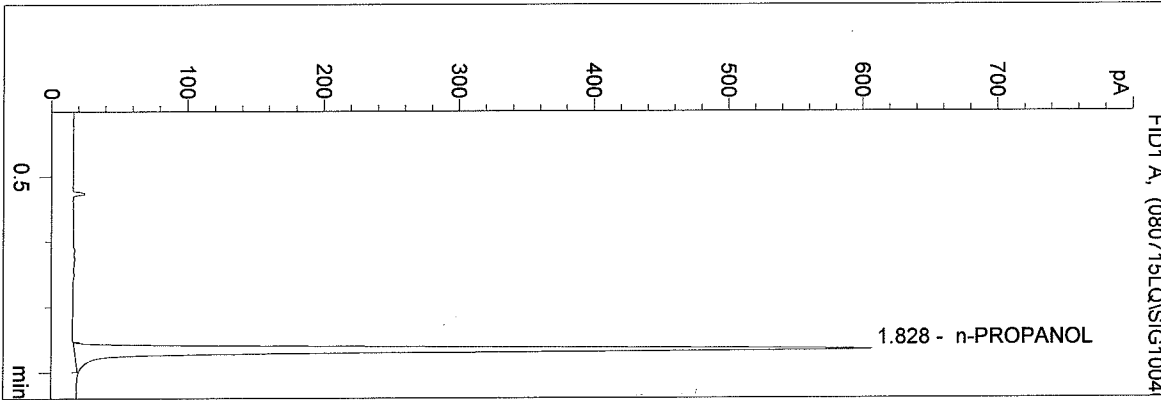
1.000 g/100ml

ln

C:\HPCHEM\2\METHODS\BLDALCO3.M
 7/15/2008 5:05:06 PM
 Instrument 3
 db-alc2

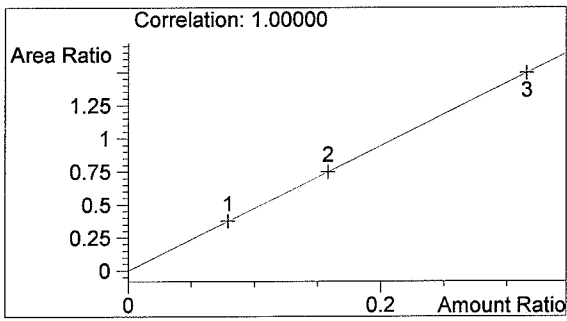
BLANK LN
 Lisa Noble

vial # 40



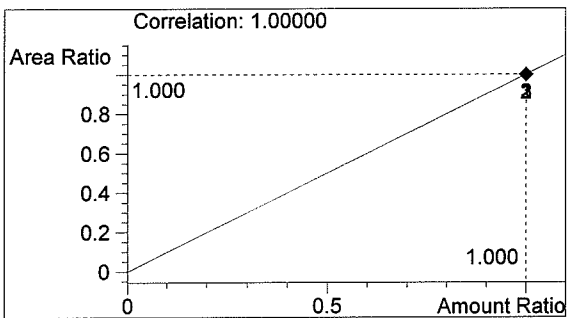
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1659	1.828

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

Ln