


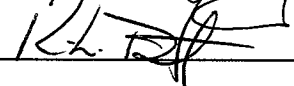
# WASHINGTON STATE TOXICOLOGY LABORATORY SIMULATOR SOLUTION DATA ENTRY REVIEW



Reviewer/s: KEN DEATON / ROSS GULLBERG Date: 11-14-2008

Location: TOX LAB SEATTLE Solution Batch Number: 08055

	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:			

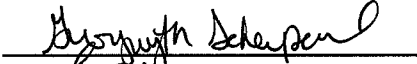

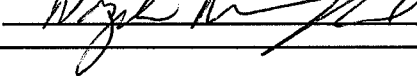
Reviewer Signature:  Date: 11-14-2008  
 Reviewer Signature:  Date: 11/14/2008

**WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION**  
**QAP Solution Calibration Certificate**

Batch Number: 08055 Target Vapor Concentration: 0.04 g/210L  
 Prepared By: Gwynyth Scherperel Date Prepared: 11/7/2008

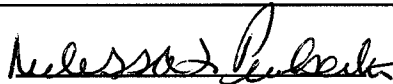
Concentration of ethanol (g/100mL) measured by gas chromatography:

	GS	LN	NN
1	0.049	0.049	0.049
2	0.049	0.049	0.049
3	0.049	0.049	0.050
4	0.049	0.049	0.050
5	0.049	0.049	0.050
C	0.099	0.100	0.101

Analyst	Name	Signature	Date Tested
GS	Gwynyth Scherperel		11/7/2008
LN	Lisa Noble		11/13/2008
NN	Naziha Nuwayhid		11/14/2008

External Control(s):		
Lot Num	Exp Date	Target Conc
A059621	08 / 2012	0.10 g/100mL

Statistics:			
Avg. Solution Conc.	0.0492	g/100mL	Precision CV (%) 0.84
Std. Deviation (SD)	0.00041		Number of Tests (N) 15
Range (3.8xSD)	0.0476	to 0.0508	Equivalent Vapor Conc. <b>0.0400</b> g/210L

Final Review by:  Review/Issue Date: 11/14/08

**SOLUTION CERTIFICATE REVIEW**

Please check that the data on your chromatograms is the data entered into the Calibration Certificate, that the date to the right of your name is the date that you tested the solution, and then sign the certificate.

Please initial and date below to affirm that you have:

- 1) Checked your data
- 2) Checked the date to the right of your name on the certificate
- 3) Signed the certificate

	Initials	Date
Amanda Black		
Asa Louis		
Brian Capron		
Brianna Peterson		
Brianne Akins		
Brittany Ball		
Christie Mitchell		
Christopher Johnston		
Estuardo Miranda		
Gwynyth Scherperel	GS	11/14/08
Justin Kroy		
Lisa Noble	LN	11/14/08
Melissa Pemberton		
Naziha Nuwayhid	NN	11/14/08
Rebecca Flaherty		
Sarah Swenson		

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 0.04 QAP SOLUTION  
CERTIFICATION FOR LOT 08055**

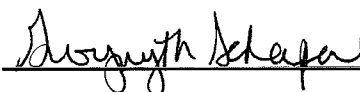
I, Gwynyth Scherperel, do certify under penalty of perjury that:

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 degrees in Chemistry and Forensic Science.

The qap solution, Lot Number 08055, was prepared in the Washington State Toxicology Laboratory on 11/7/2008. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/7/2009.

Seattle, WA

 11/14/08

Gwynyth Scherperel

Date

Forensic Toxicologist

GS/ik



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 0.04 QAP SOLUTION  
CERTIFICATION FOR LOT 08055**


I, Lisa 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 qap solution, Lot Number 08055, was prepared in the Washington State Toxicology Laboratory on 11/7/2008. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/7/2009.

Seattle, WA

 11/14/08

Lisa Noble  
Forensic Toxicologist

Date

LN/ik



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 0.04 QAP SOLUTION  
CERTIFICATION FOR LOT 08055**

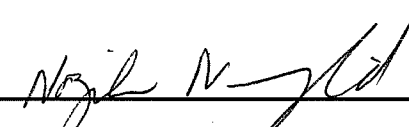
I, Naziha Nuwayhid, do certify under penalty of perjury that:

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

I possess the following qualifications: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and eight years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The qap solution, Lot Number 08055, was prepared in the Washington State Toxicology Laboratory on 11/7/2008. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/7/2009.

Seattle, WA

  
\_\_\_\_\_  
Naziha Nuwayhid                      11/14/08  
Forensic Toxicologist                      Date

NN/ik

# QAP SOLUTION PREPARATION WORKSHEET

Batch #: 08055  
Preparer: GS  
Date Prepared: 11/7/08  
Expiration Date: 11/7/09  
Lot 200 Proof (100%) Ethanol Used: WN0031  
Expiration of 200 proof Ethanol: 4/4/09

Environmental Conditions Checked

Vapor Concentration of QAP	Amount of Ethanol	Amount of Deionized Water	
0.04	11.2 mL	18 L	<input checked="" type="checkbox"/>
<del>0.08</del>	<del>22.4 mL</del>	<del>18 L</del>	<input type="checkbox"/>
<del>0.1</del>	<del>28.1 mL</del>	<del>18 L</del>	<input type="checkbox"/>
<del>0.15</del>	<del>42.0 mL</del>	<del>18 L</del>	<input type="checkbox"/>

Stir Bar is Rotating   
Stirred for at least 30 minutes   
Spigot Purged   
Aliquot Taken   
Solutions Labeled Packaged and Sealed

*Marybeth Schepers*  
Analyst

11/7/08  
Date

## Sequence Parameters:

Operator: Gwynyth Scherperel

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: 081107G2  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:  
 0.04 Control - Lot # A056758 - exp 03/2012  
 0.10 Control - Lot # A059621 - exp 08/2012  
 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	SIMALC	1	Sample		
2	Vial 2	0.079 CAL	SIMALC	1	Calib		
3	Vial 3	0.158 CAL	SIMALC	1	Calib		
4	Vial 4	0.316 CAL	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-GS	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-GS	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-GS	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-GS	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-GS	SIMALC	1	Ctrl Samp		
10	Vial 10	08055 #1	SIMALC	1	Sample		
11	Vial 11	08055 #2	SIMALC	1	Sample		
12	Vial 12	08055 #3	SIMALC	1	Sample		
13	Vial 13	08055 #4	SIMALC	1	Sample		
14	Vial 14	08055 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-GS	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-GS	SIMALC	1	Ctrl Samp		

## Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC	2	Replace	Average	
4	Vial 4	0.316 CAL	SIMALC	3	Replace	Replace	

## Sequence Table (Back Injector):

No entries - empty table!

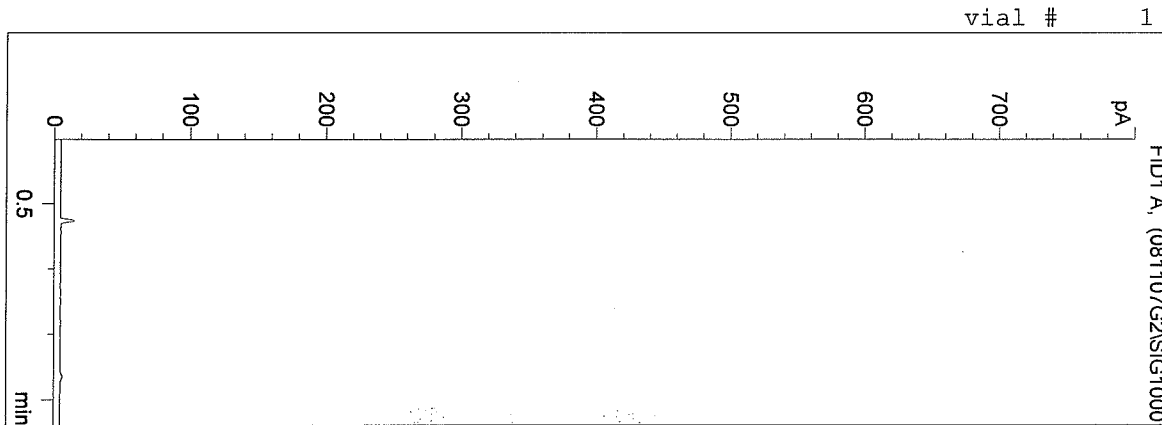
69



69

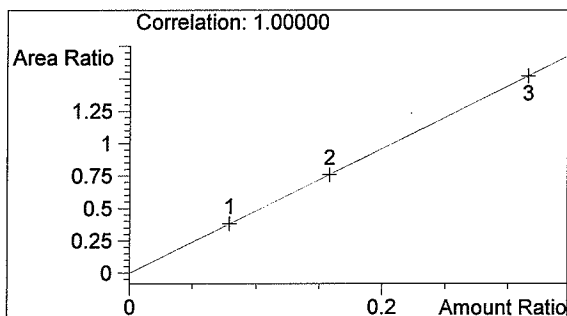
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 Instrument 3  
 db-alc2

BLANK  
 Gwynyth Scherperel



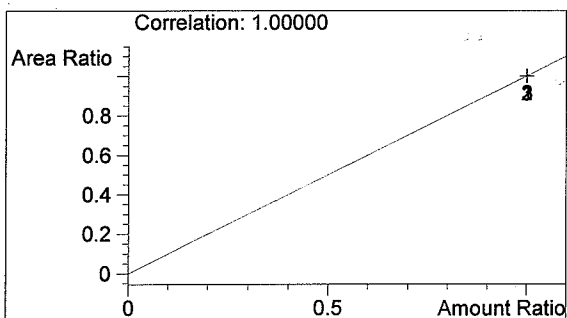
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

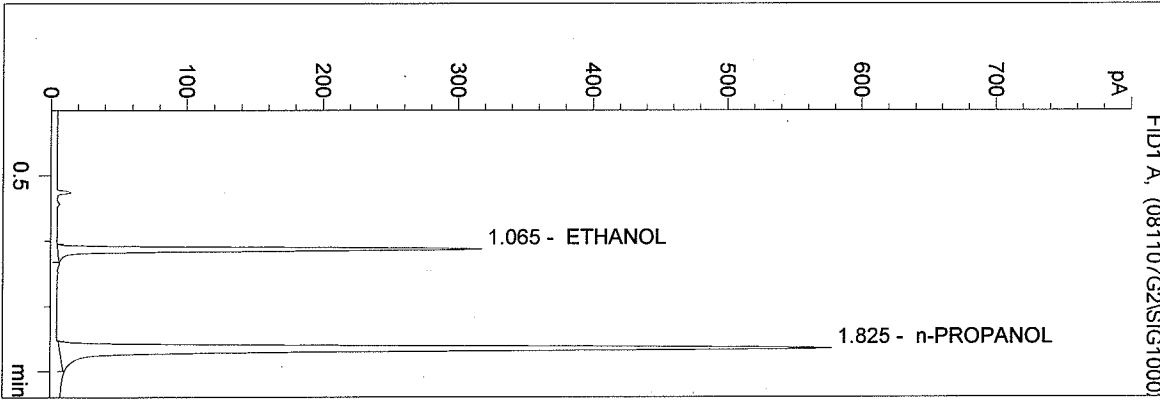
0.000 g/100ml

65

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 Instrument 3  
 db-alc2

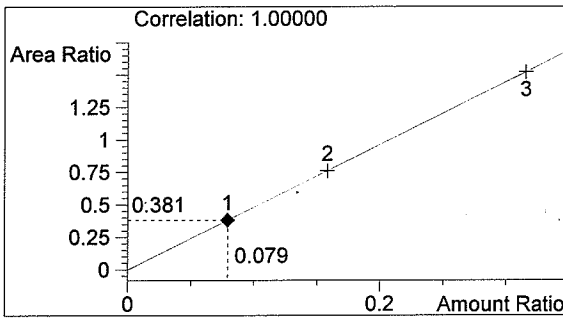
0.079 CAL  
 Gwynyth Scherperel

vial # 2



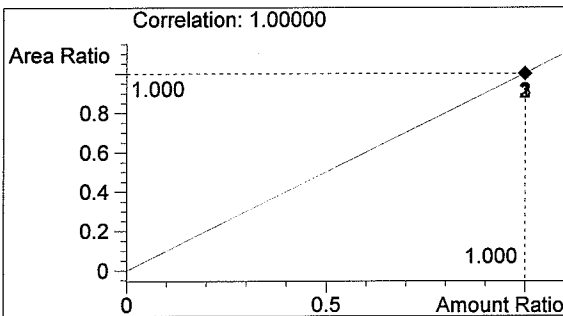
#	Compound	Area	RT
1	ETHANOL	616	1.065
2	n-PROPANOL	1616	1.825

Totals:



ETHANOL

0.079 g/100ml



n-PROPANOL

1.000 g/100ml

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

11/7/2008 11:47:54 AM

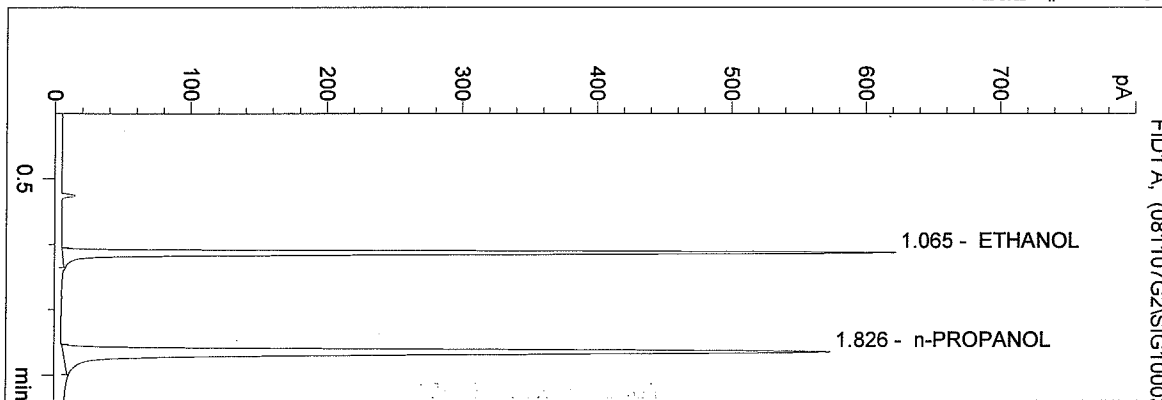
Instrument 3

db-alc2

0.158 CAL

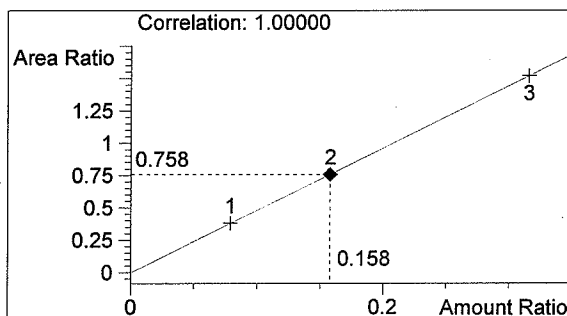
Gwynyth Scherperel

vial # 3



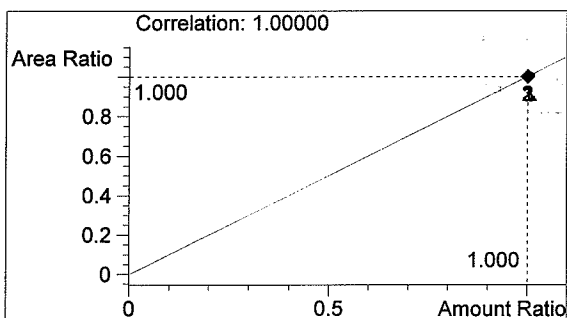
#	Compound	Area	RT
1	ETHANOL	1211	1.065
2	n-PROPANOL	1599	1.826

Totals:



ETHANOL

0.158 g/100ml



n-PROPANOL

1.000 g/100ml

6

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11/7/2008 11:51:01 AM

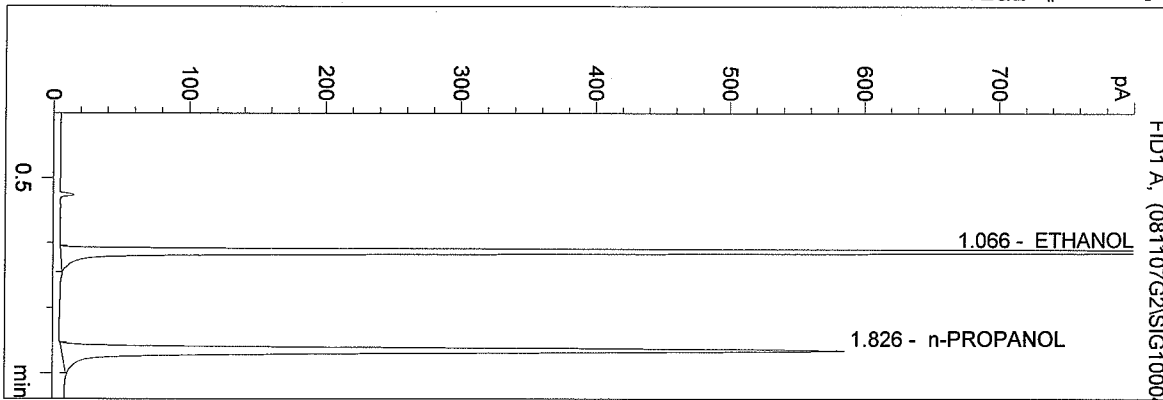
Instrument 3

db-alc2

0.316 CAL

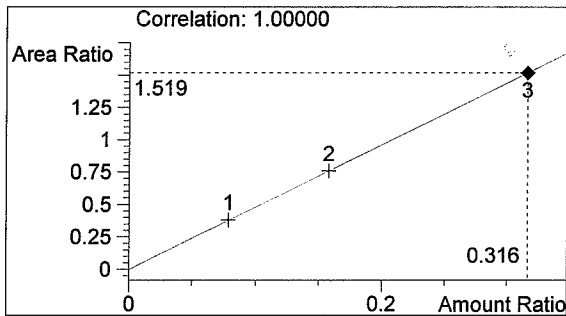
Gwynyth Scherperel

vial # 4



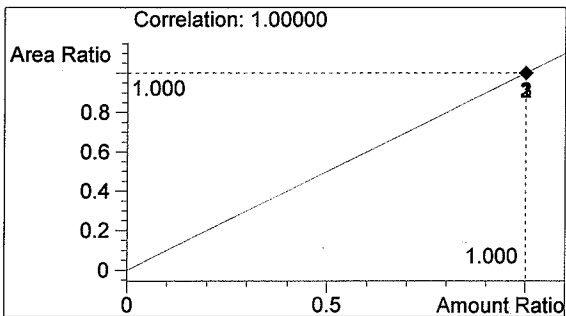
#	Compound	Area	RT
1	ETHANOL	2482	1.066
2	n-PROPANOL	1634	1.826

Totals:



ETHANOL

0.316 g/100ml



n-PROPANOL

1.000 g/100ml

65

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11/7/2008 11:54:08 AM

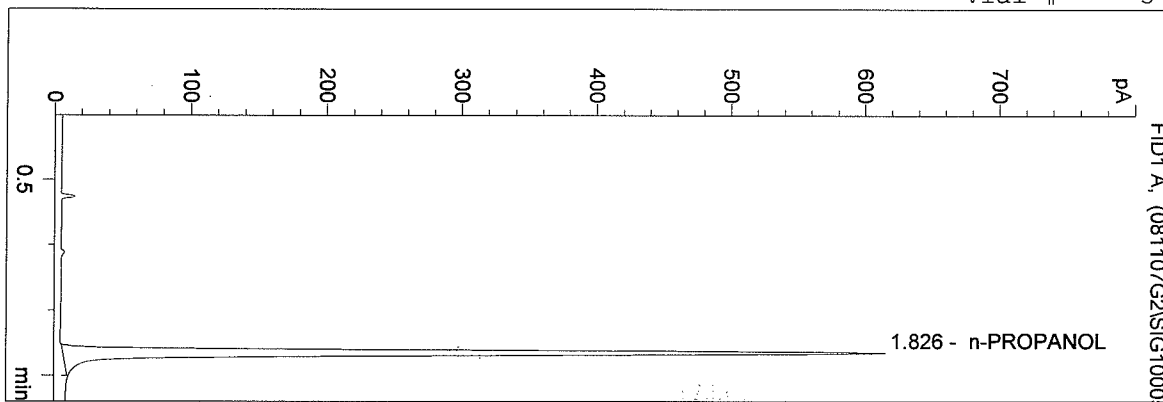
Instrument 3

db-alc2

NEG CONTROL-GS

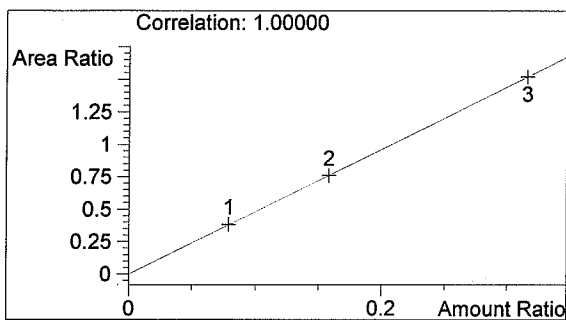
Gwynyth Scherperel

vial # 5



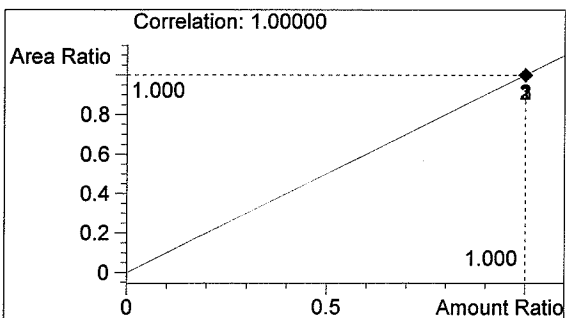
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1719	1.826

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

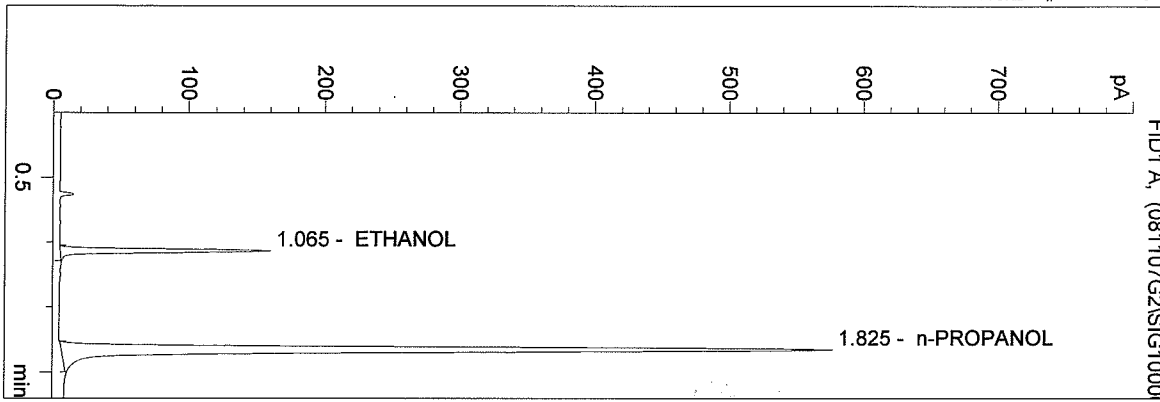
NOUPE XWA  
11

6)

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 db-alc2

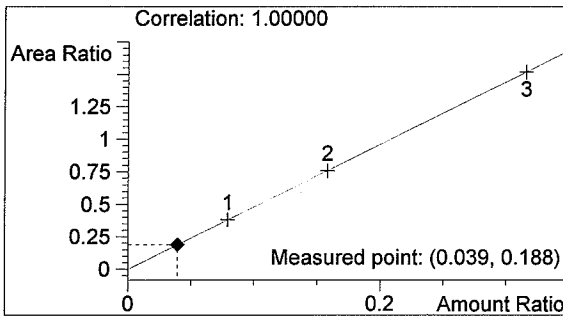
0.04 CONTROL-GS  
 Gwynyth Scherperel

vial # 6



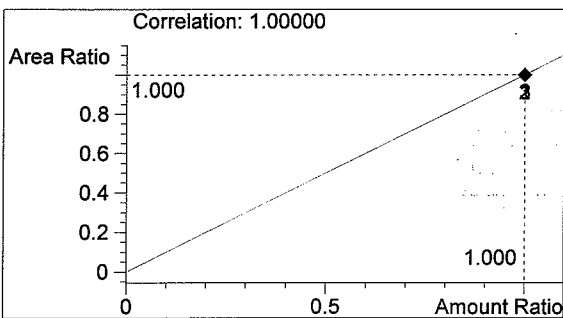
#	Compound	Area	RT
1	ETHANOL	302	1.065
2	n-PROPANOL	1611	1.825

Totals:



ETHANOL

0.039 g/100ml



n-PROPANOL

1.000 g/100ml

65

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11/7/2008 12:00:23 PM

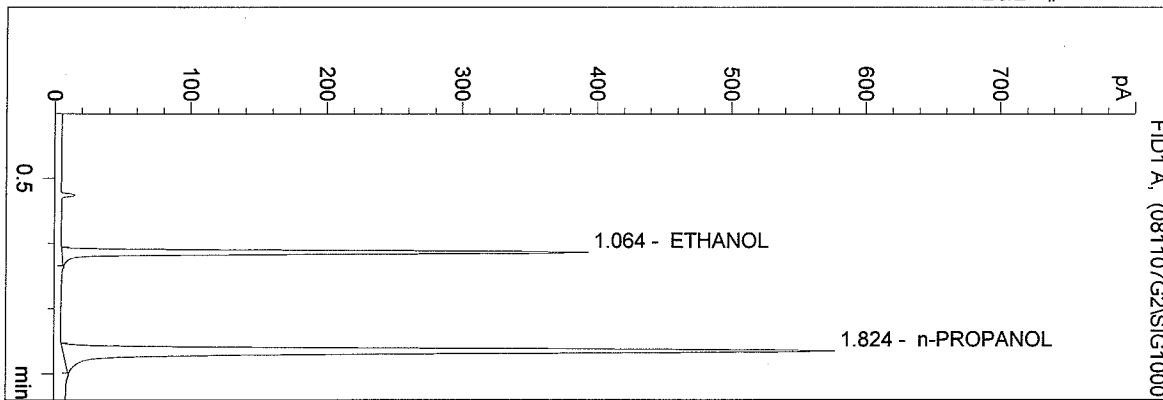
Instrument 3

db-alc2

0.10 CONTROL-GS

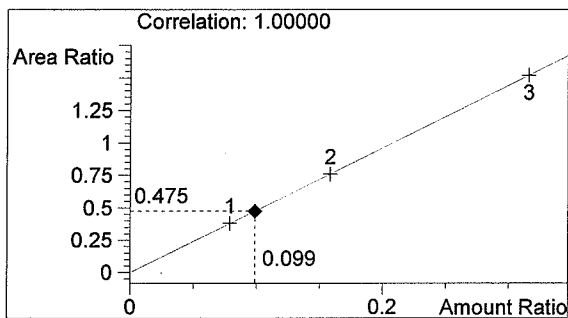
Gwynyth Scherperel

vial # 7



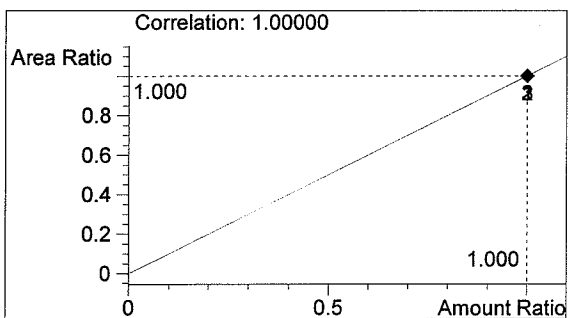
#	Compound	Area	RT
1	ETHANOL	765	1.064
2	n-PROPANOL	1611	1.824

Totals:



ETHANOL

0.099 g/100ml



n-PROPANOL

1.000 g/100ml



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11/7/2008 12:03:30 PM

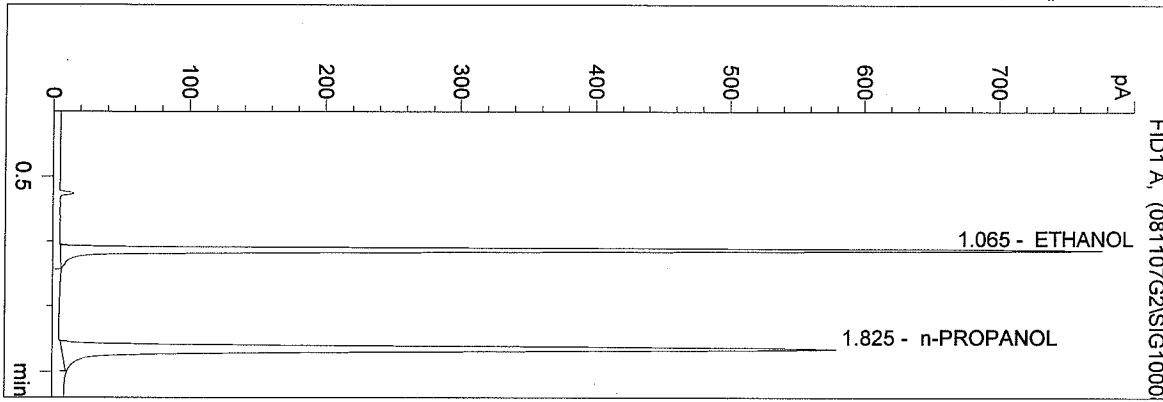
Instrument 3

db-alc2

0.20 CONTROL-GS

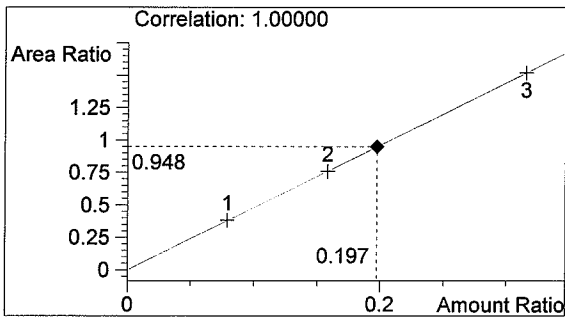
Gwynyth Scherperel

vial # 8



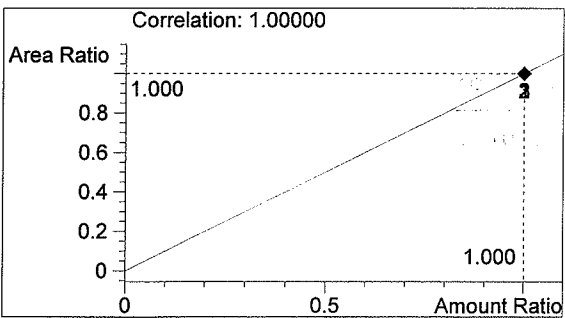
#	Compound	Area	RT
1	ETHANOL	1540	1.065
2	n-PROPANOL	1624	1.825

Totals:



ETHANOL

0.197 g/100ml



n-PROPANOL

1.000 g/100ml

69

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11/7/2008 12:06:37 PM

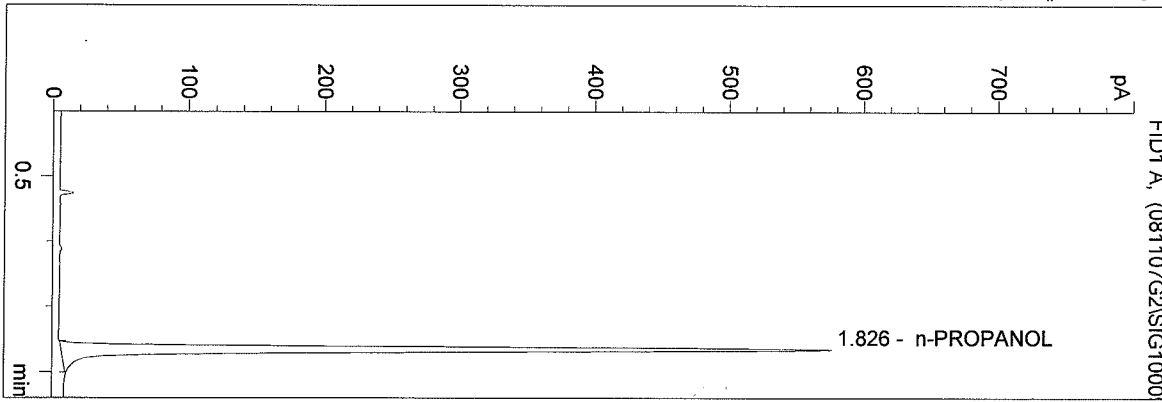
Instrument 3

db-alc2

NEG CONTROL-GS

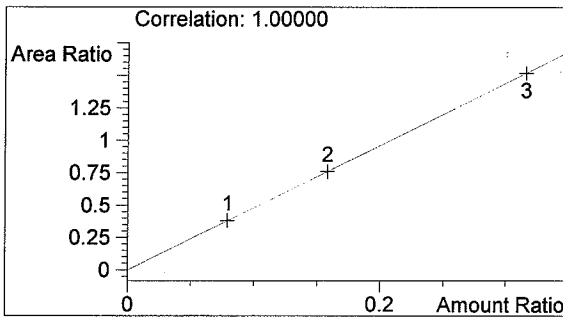
Gwynyth Scherperel

vial # 9



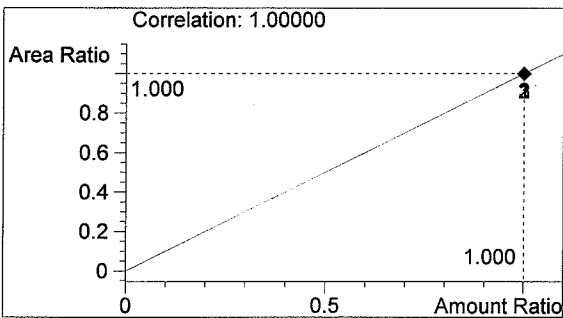
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1613	1.826

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

65

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11/7/2008 12:09:44 PM

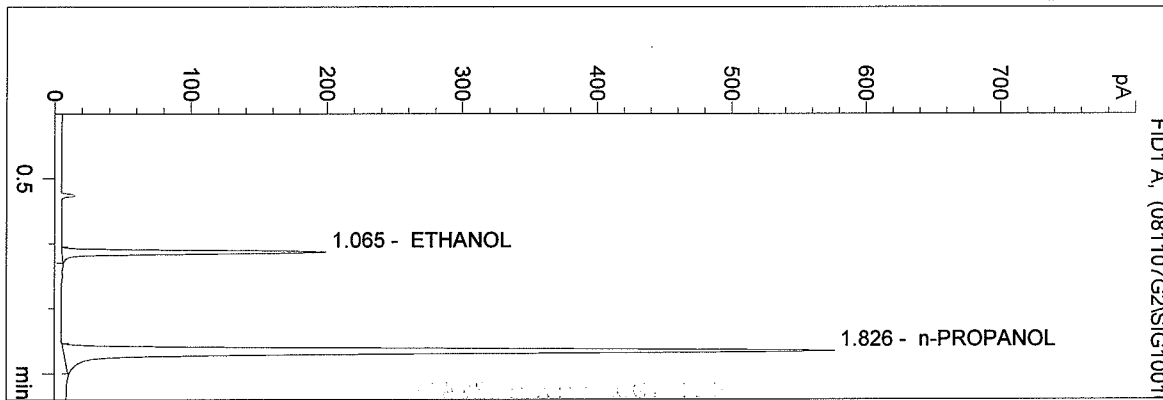
Instrument 3

db-alc2

08055 #1

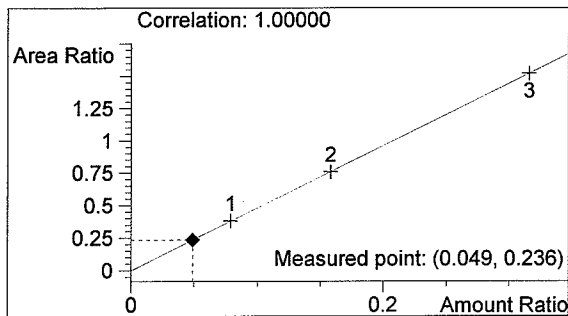
Gwynyth Scherperel

vial # 10



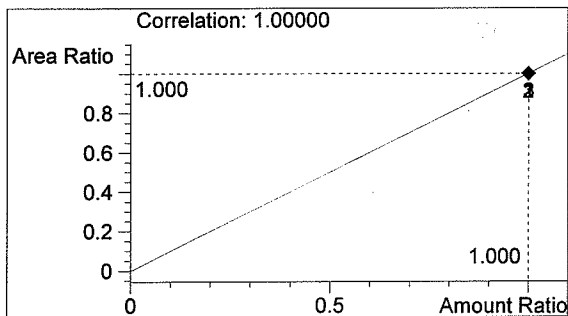
#	Compound	Area	RT
1	ETHANOL	381	1.065
2	n-PROPANOL	1614	1.826

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

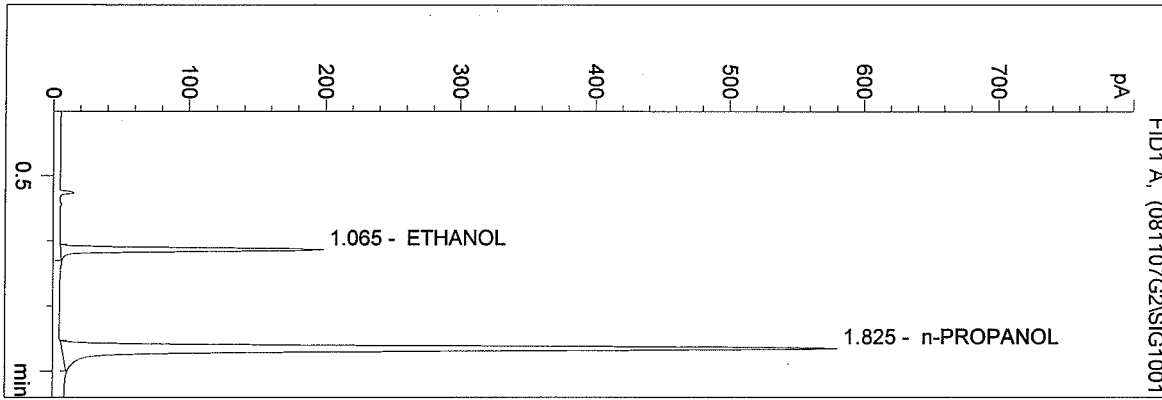
1.000 g/100ml

GS

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 Instrument 3  
 db-alc2

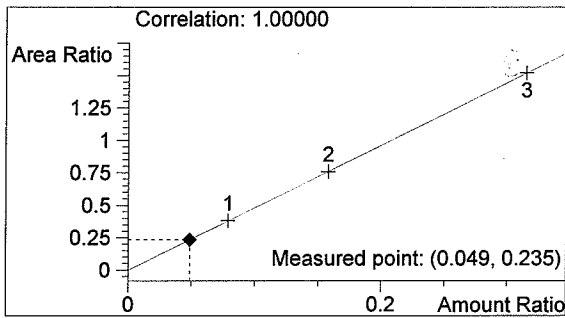
08055 #2  
 Gwynyth Scherperel

vial # 11



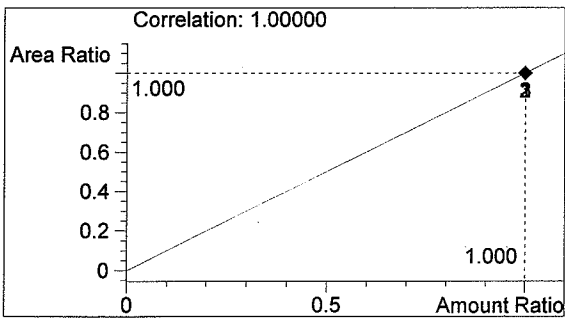
#	Compound	Area	RT
1	ETHANOL	381	1.065
2	n-PROPANOL	1625	1.825

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

65

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

11/7/2008 12:15:59 PM

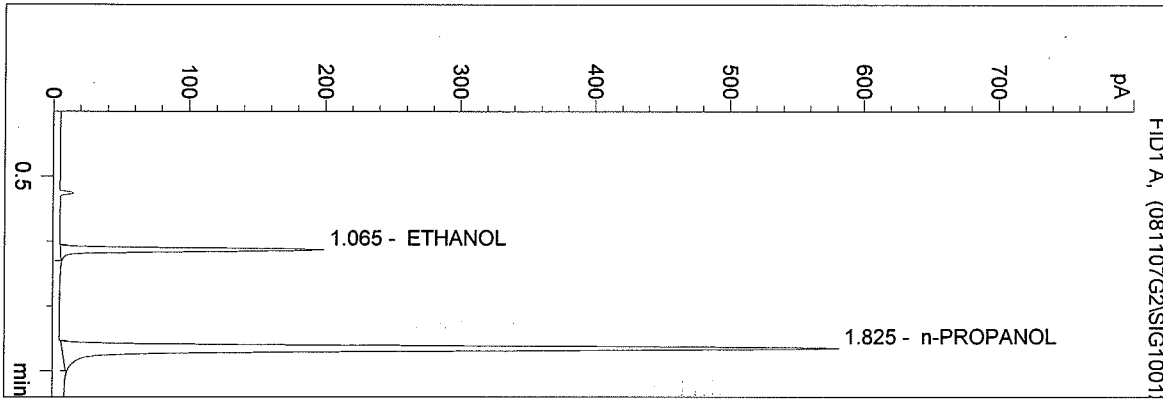
Instrument 3

db-alc2

08055 #3

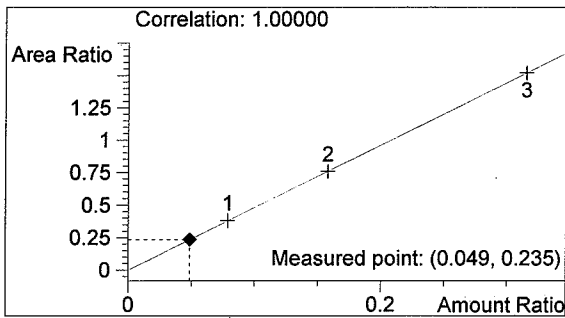
Gwynyth Scherperel

vial # 12



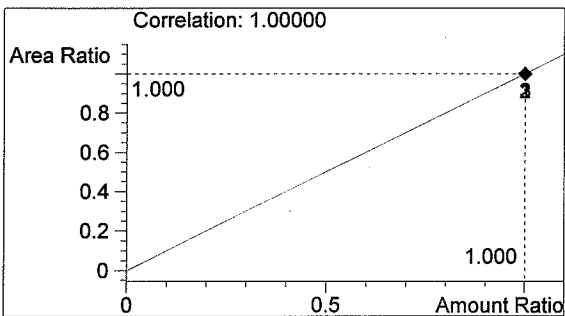
#	Compound	Area	RT
1	ETHANOL	381	1.065
2	n-PROPANOL	1623	1.825

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

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11/7/2008 12:19:06 PM

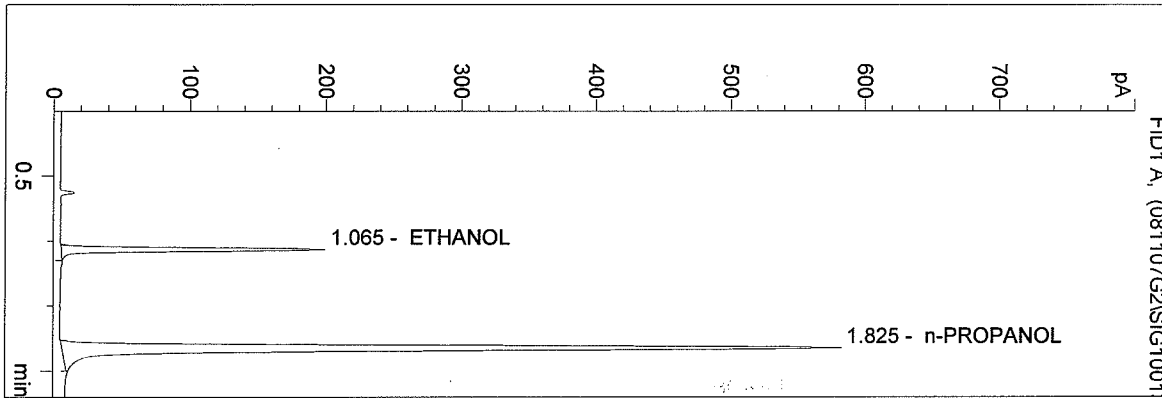
Instrument 3

db-alc2

08055 #4

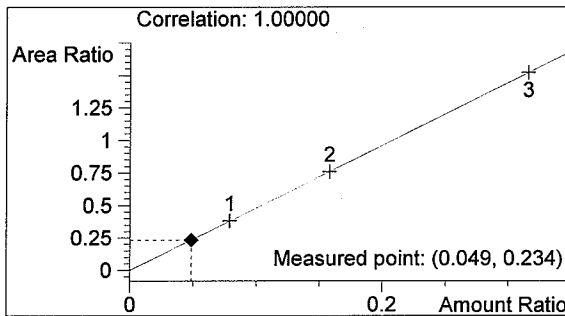
Gwynyth Scherperel

vial # 13



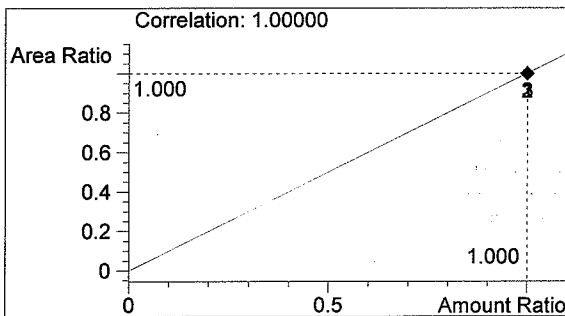
#	Compound	Area	RT
1	ETHANOL	382	1.065
2	n-PROPANOL	1632	1.825

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

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11/7/2008 12:22:14 PM

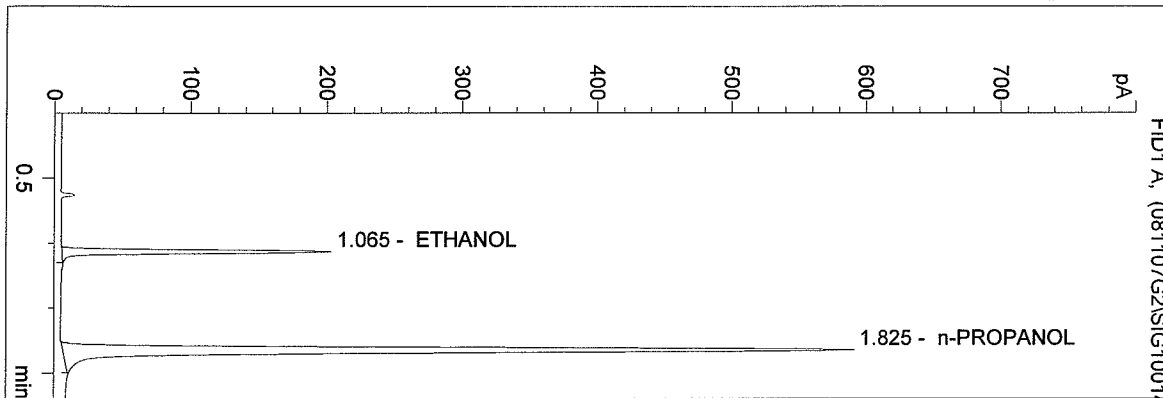
Instrument 3

db-alc2

08055 #5

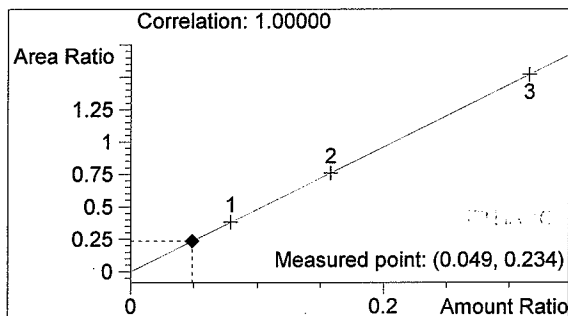
Gwynyth Scherperel

vial # 14



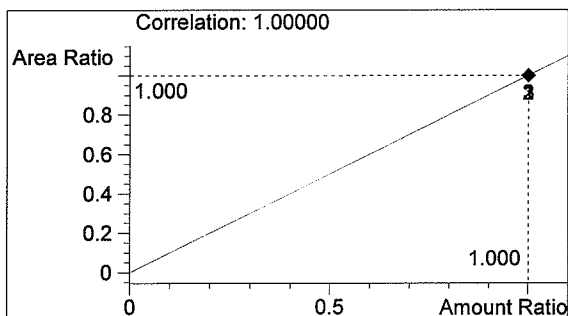
#	Compound	Area	RT
1	ETHANOL	388	1.065
2	n-PROPANOL	1656	1.825

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

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11/7/2008 12:25:21 PM

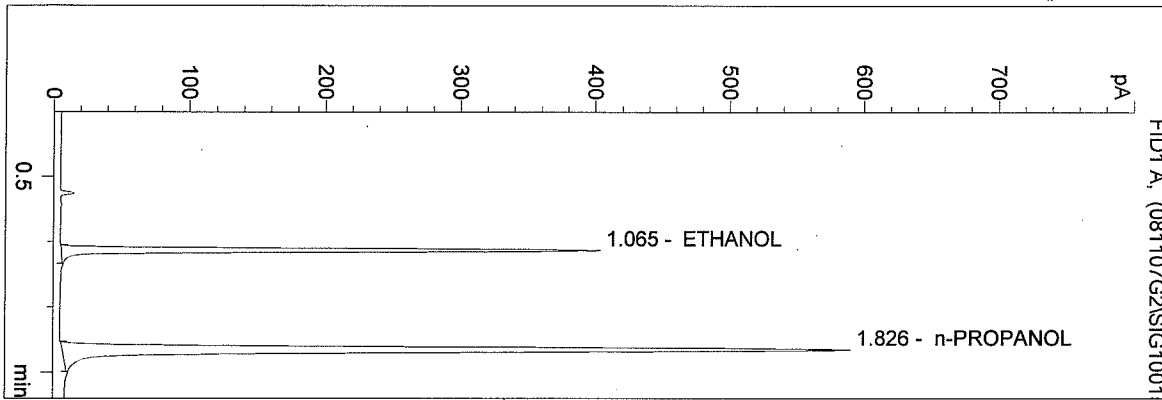
Instrument 3

db-alc2

0.10 CONTROL-GS

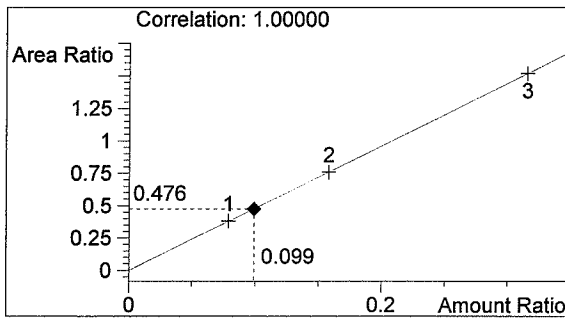
Gwynyth Scherperel

vial # 15



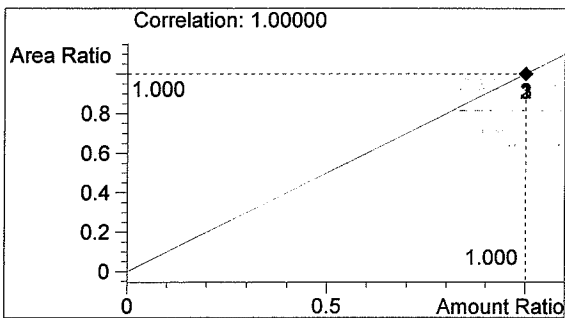
#	Compound	Area	RT
1	ETHANOL	782	1.065
2	n-PROPANOL	1645	1.826

Totals:



ETHANOL

0.099 g/100ml



n-PROPANOL

1.000 g/100ml

GS



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

11/7/2008 12:28:28 PM

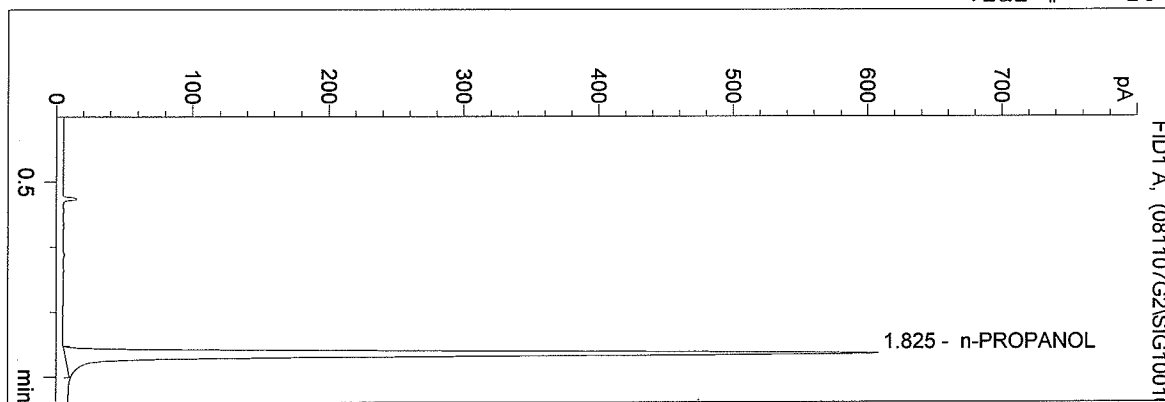
Instrument 3

db-alc2

NEG CONTROL-GS

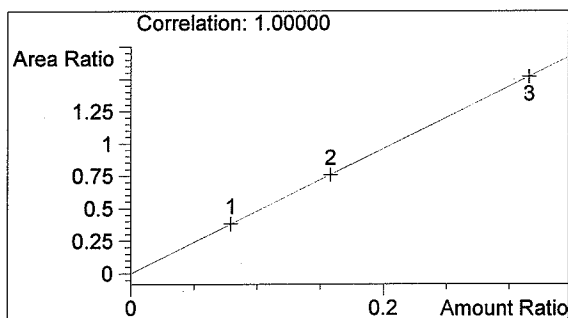
Gwynyth Scherperel

vial # 16



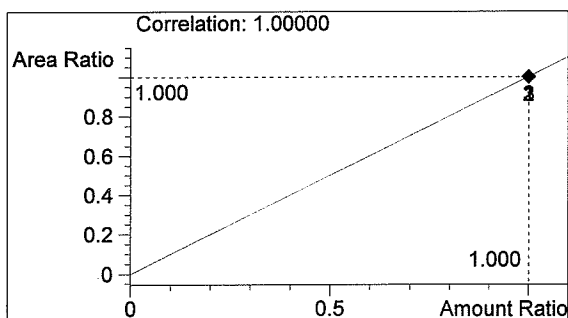
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1700	1.825

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

GS

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

11/13/2008 4:19:01 PM

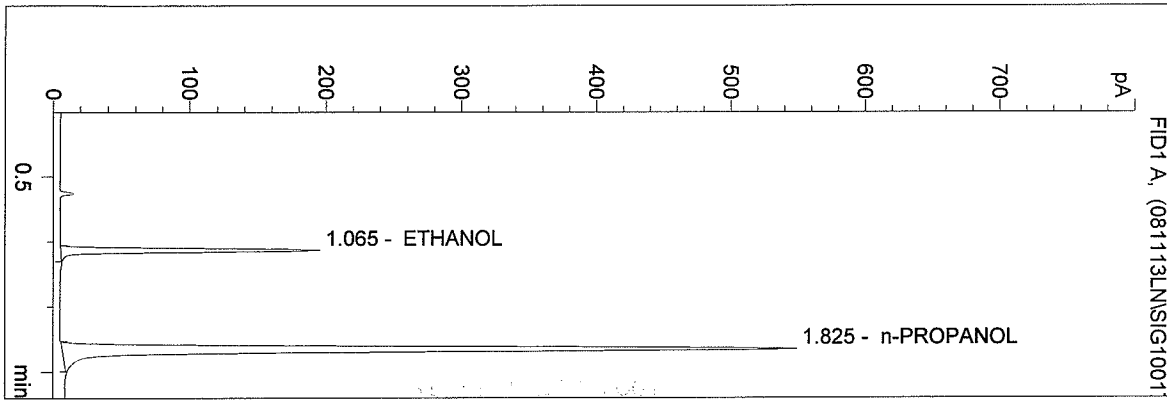
Instrument 3

db-alc2

08055 #1

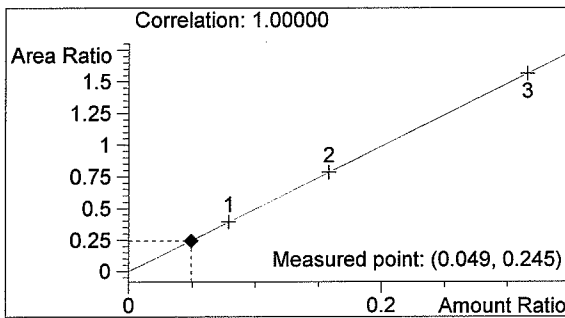
Lisa Noble

vial # 17



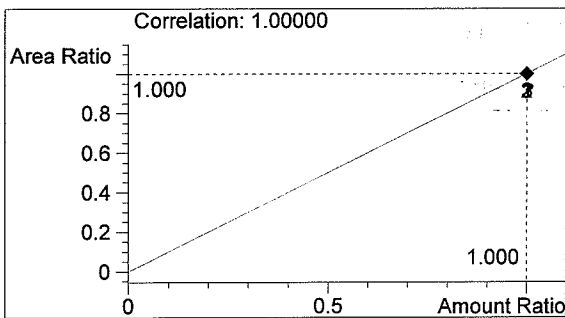
#	Compound	Area	RT
1	ETHANOL	376	1.065
2	n-PROPANOL	1535	1.825

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

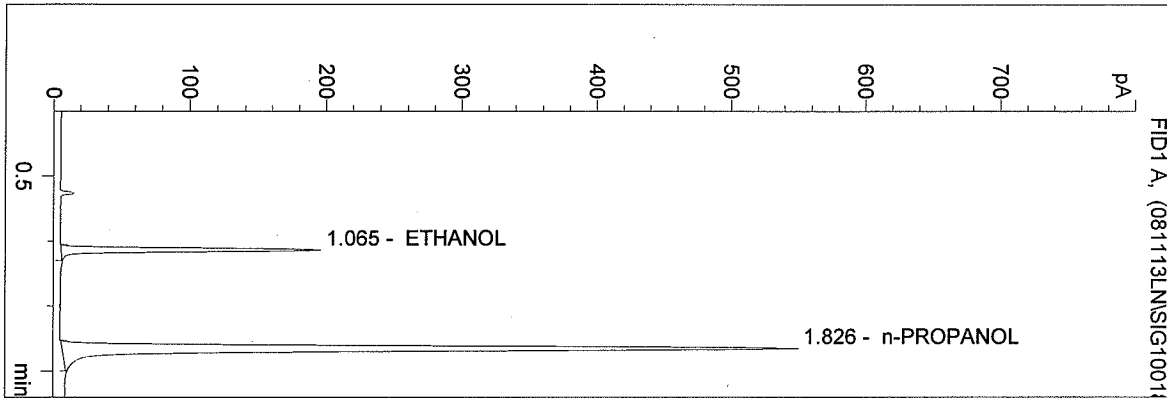
1.000 g/100ml

For calibration see Ext. Std 08054. Ln

C:\HPCHEM\2\METHODS\SIMALC.M  
 11/13/2008 4:22:08 PM  
 Instrument 3  
 db-alc2

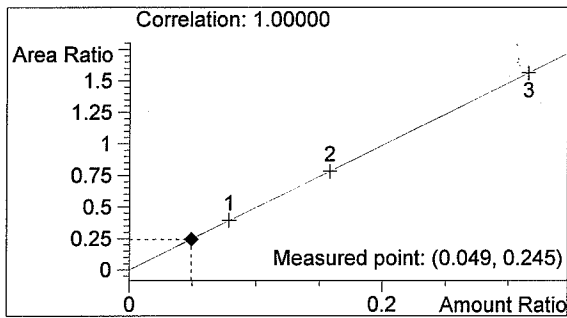
08055 #2  
 Lisa Noble

vial # 18



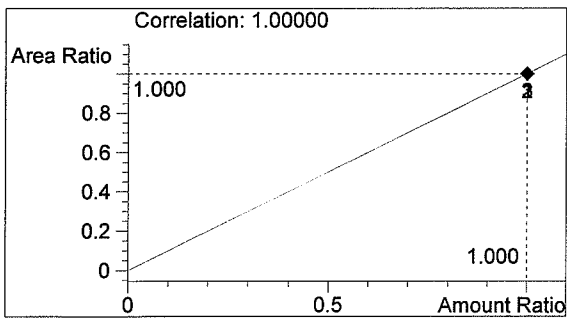
#	Compound	Area	RT
1	ETHANOL	377	1.065
2	n-PROPANOL	1541	1.826

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

*Ln*

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

11/13/2008 4:25:15 PM

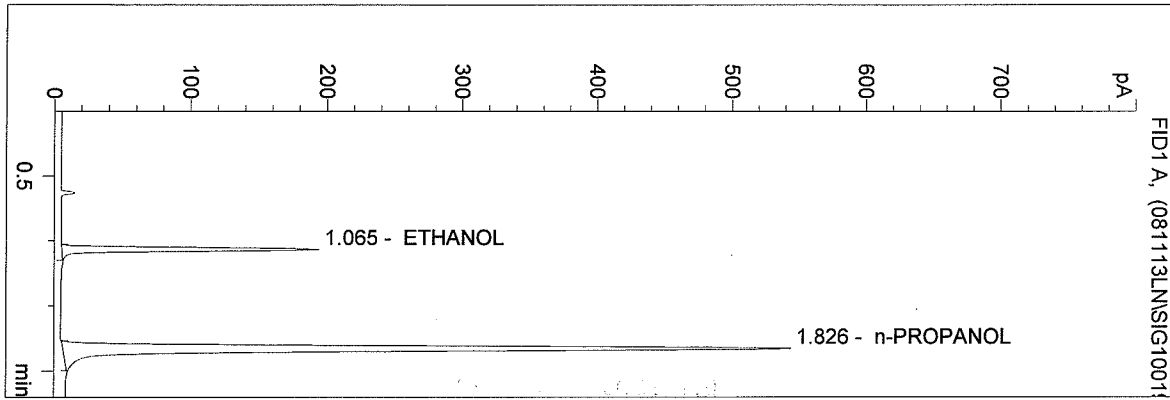
Instrument 3

db-alc2

08055 #3

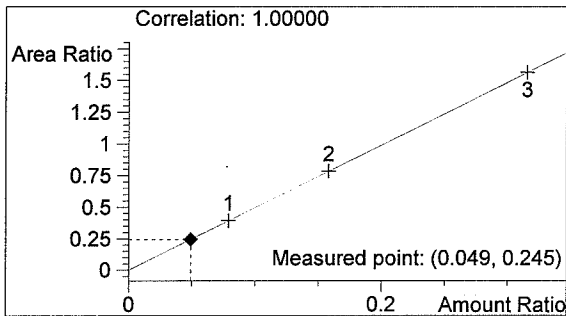
Lisa Noble

vial # 19



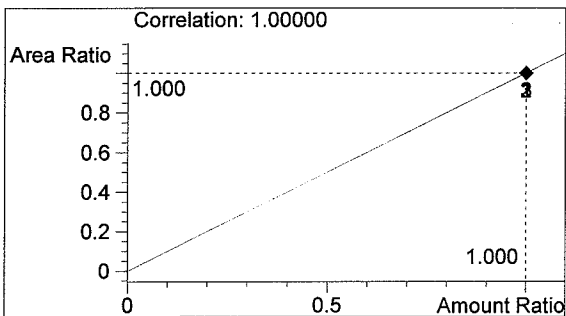
#	Compound	Area	RT
1	ETHANOL	373	1.065
2	n-PROPANOL	1524	1.826

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

*ln*

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

11/13/2008 4:28:22 PM

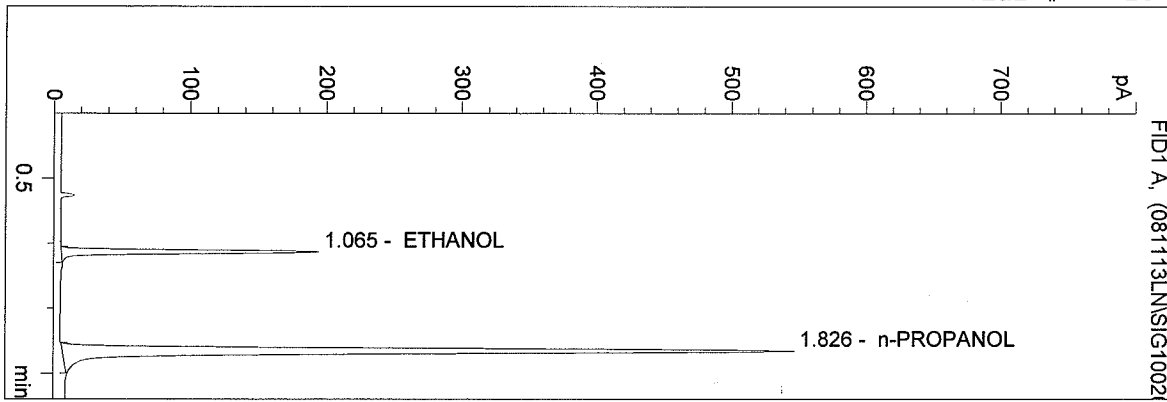
Instrument 3

db-alc2

08055 #4

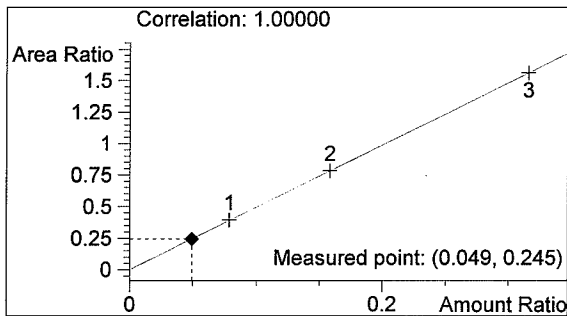
Lisa Noble

vial # 20



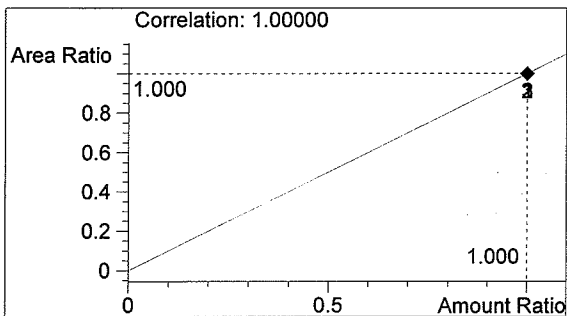
#	Compound	Area	RT
1	ETHANOL	376	1.065
2	n-PROPANOL	1535	1.826

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

*Ln*

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

11/13/2008 4:31:29 PM

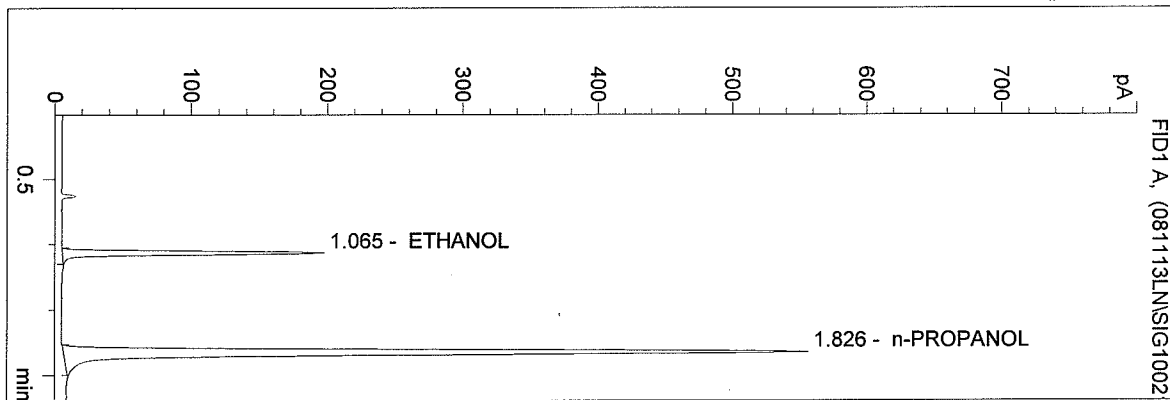
Instrument 3

db-alc2

08055 #5

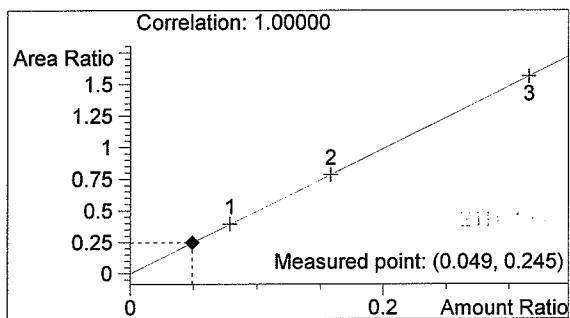
Lisa Noble

vial # 21



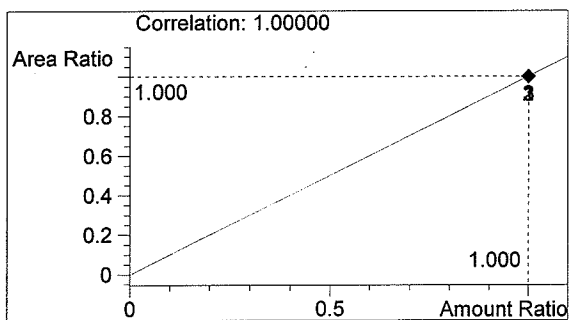
#	Compound	Area	RT
1	ETHANOL	382	1.065
2	n-PROPANOL	1557	1.826

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

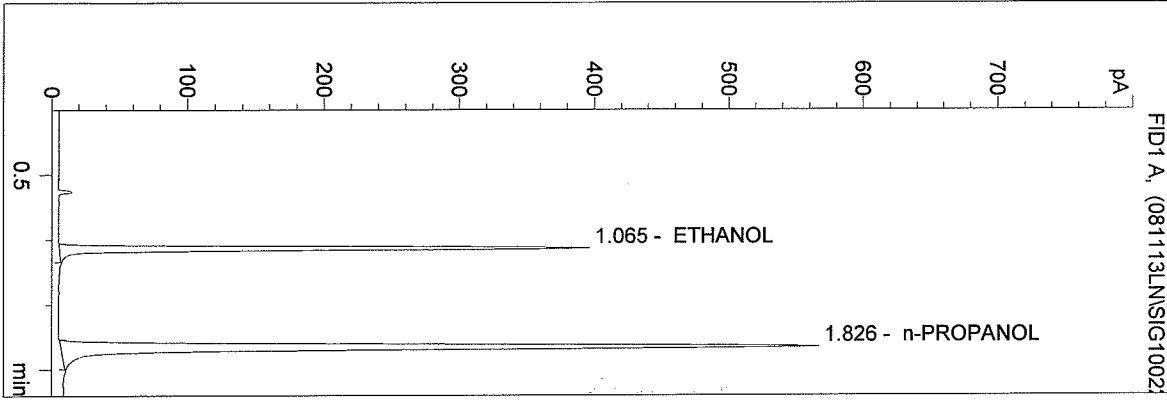
1.000 g/100ml

*Ln*

C:\HPCHEM\2\METHODS\SIMALC.M  
 11/13/2008 4:34:36 PM  
 Instrument 3  
 db-alc2

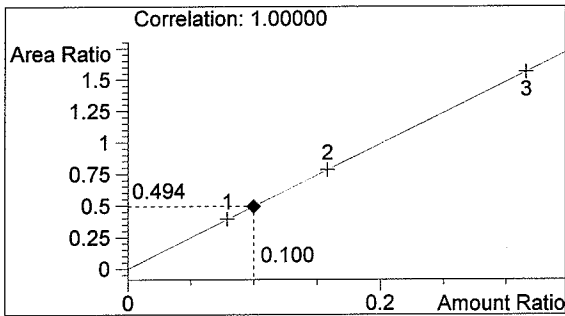
0.10 CONTROL-LN  
 Lisa Noble

vial # 22



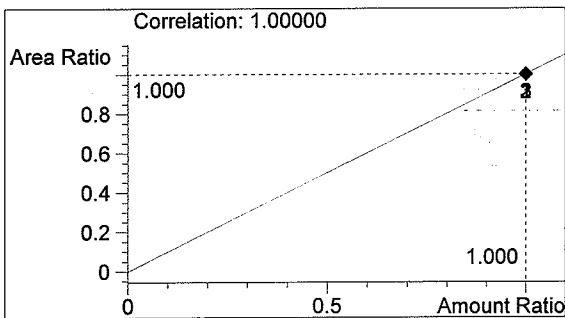
#	Compound	Area	RT
1	ETHANOL	784	1.065
2	n-PROPANOL	1587	1.826

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

1.000 g/100ml

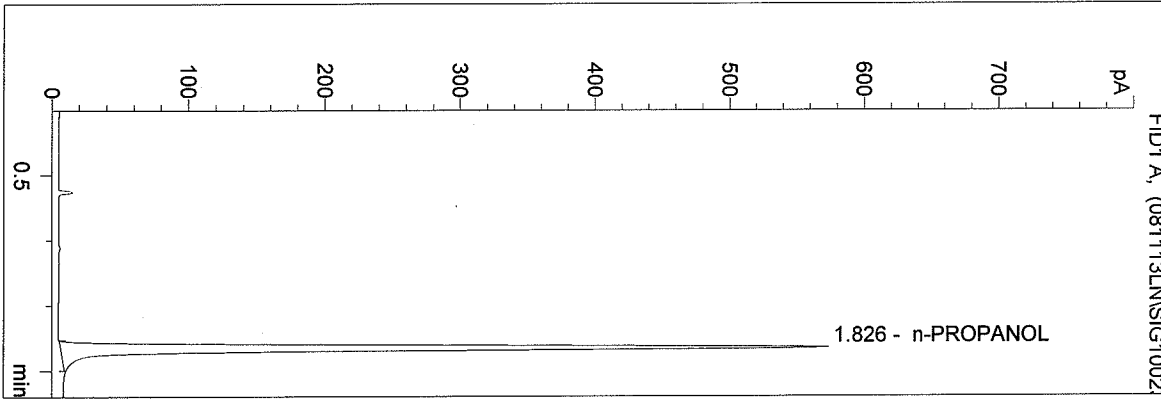
*Ln*

*QC for 11/13/08*  
 control lot # A056921 exp 08/2012

C:\HPCHEM\2\METHODS\SIMALC.M  
 11/13/2008 4:37:43 PM  
 Instrument 3  
 db-alc2

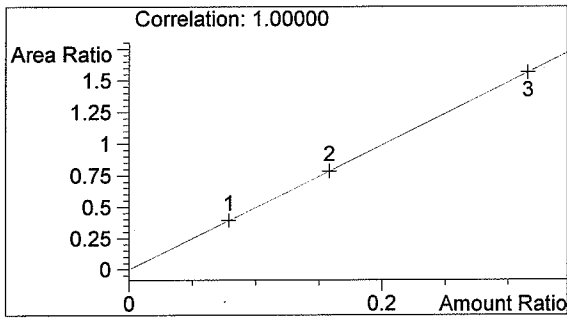
NEG CONTROL-LN  
 Lisa Noble

vial # 23



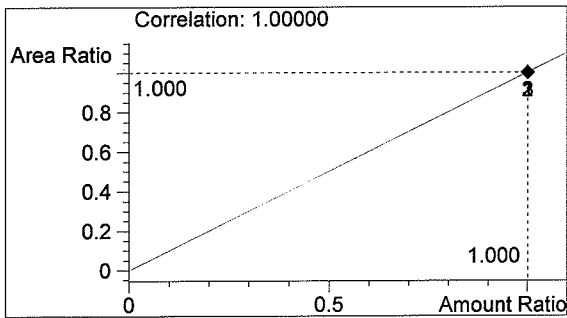
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1606	1.826

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

*Ln*



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

11/14/2008 9:41:46 AM

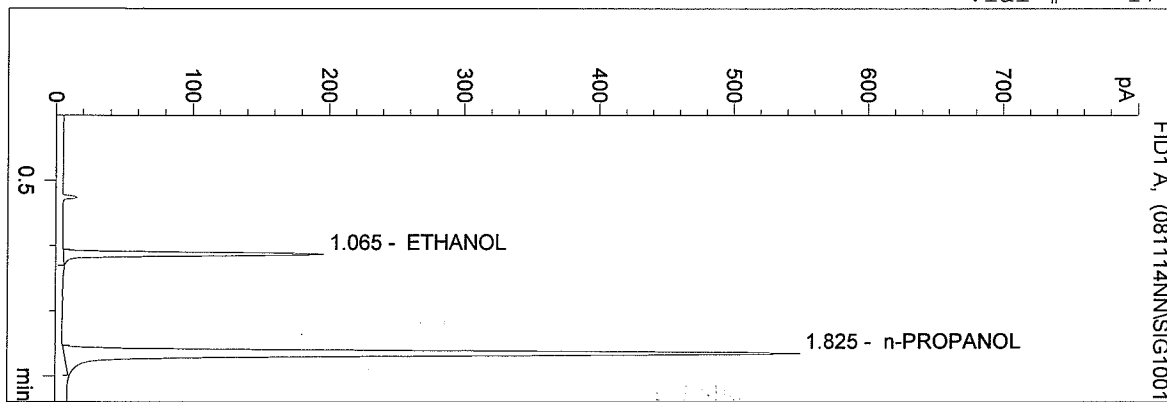
Instrument 3

db-alc2

08055 #1

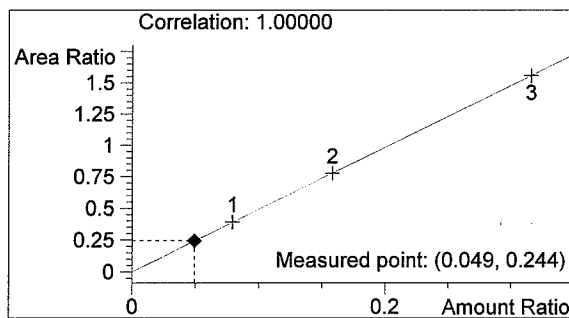
N Nuwayhid, PhD

vial # 17



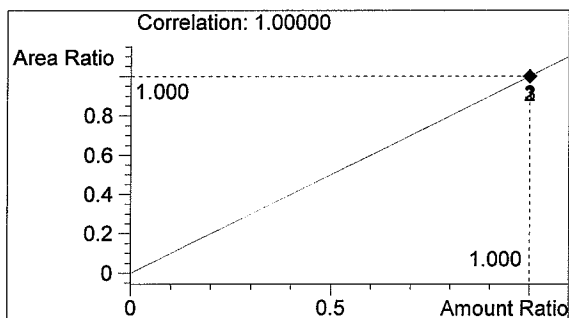
#	Compound	Area	RT
1	ETHANOL	376	1.065
2	n-PROPANOL	1541	1.825

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

1.000 g/100ml

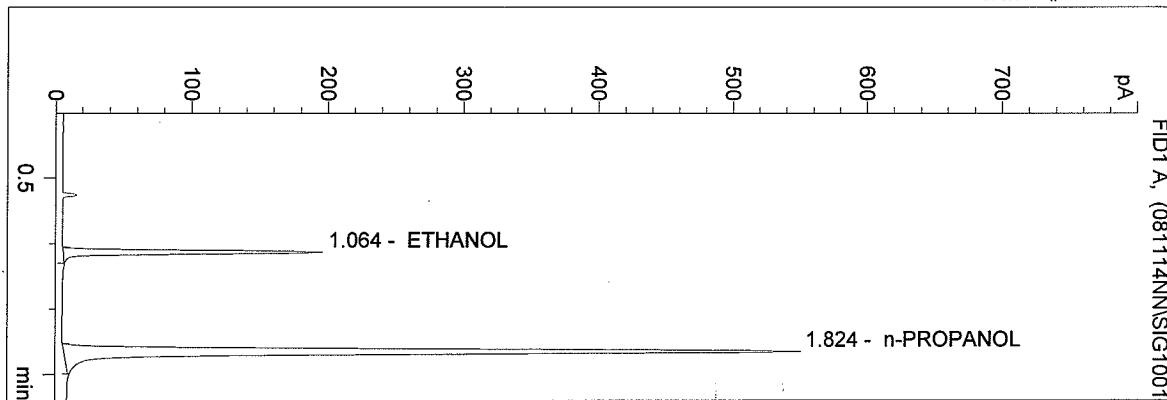
sequence table, calibrators  
 & controls are with Ext. ST  
 08054  
 NN

NN  
 11/14/08

C:\HPCHEM\2\METHODS\SIMALC.M  
 11/14/2008 9:44:53 AM  
 Instrument 3  
 db-alc2

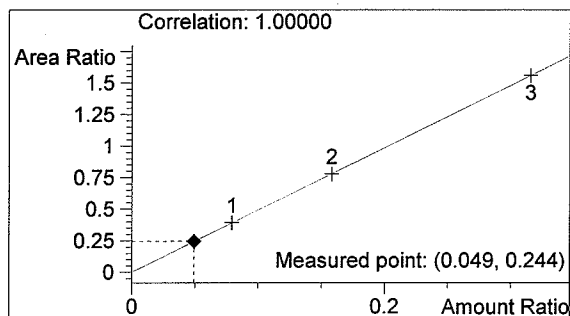
08055 #2  
 N Nuwayhid, PhD

vial # 18



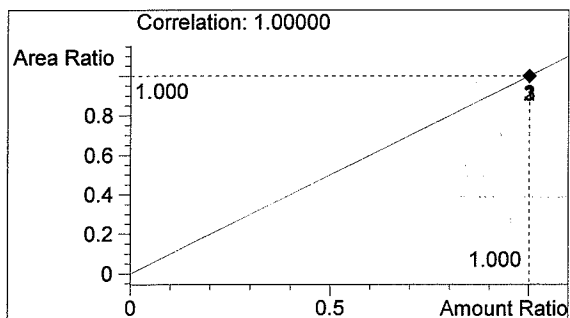
#	Compound	Area	RT
1	ETHANOL	377	1.064
2	n-PROPANOL	1545	1.824

Totals:



ETHANOL

0.049 g/100ml



n-PROPANOL

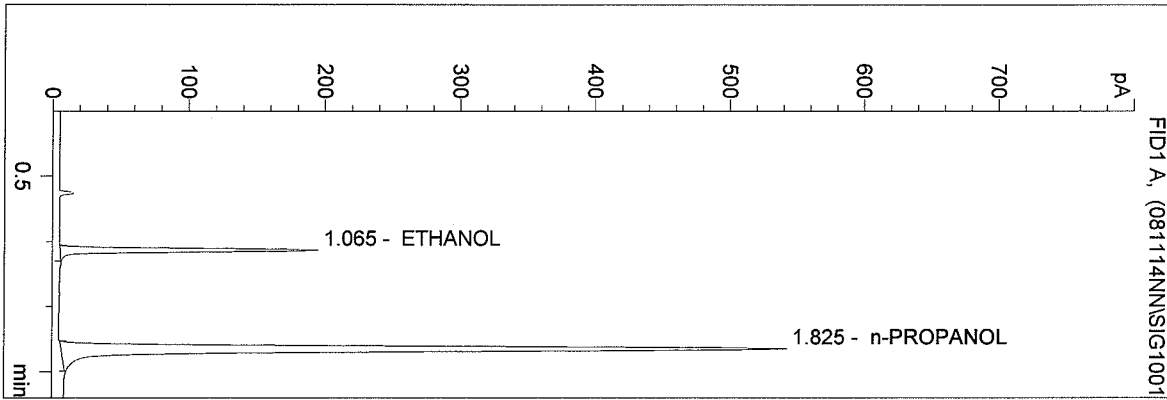
1.000 g/100ml

NN  
 11/14/08

C:\HPCHEM\2\METHODS\SIMALC.M  
 11/14/2008 9:48:00 AM  
 Instrument 3  
 db-alc2

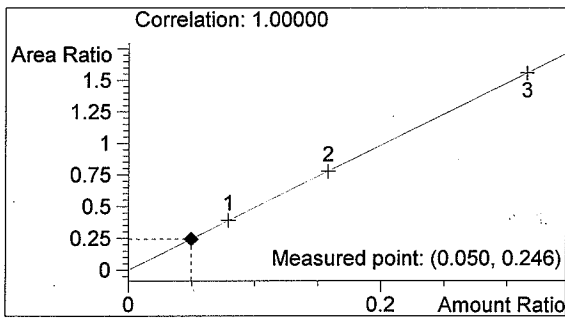
08055 #3  
 N Nuwayhid, PhD

vial # 19



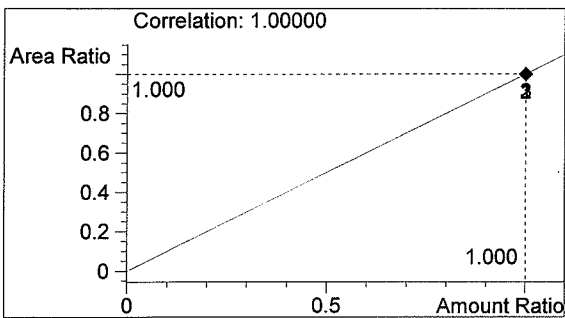
#	Compound	Area	RT
1	ETHANOL	373	1.065
2	n-PROPANOL	1517	1.825

Totals:



ETHANOL

0.050 g/100ml



n-PROPANOL

1.000 g/100ml

NN  
 11/14/08

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

11/14/2008 9:51:07 AM

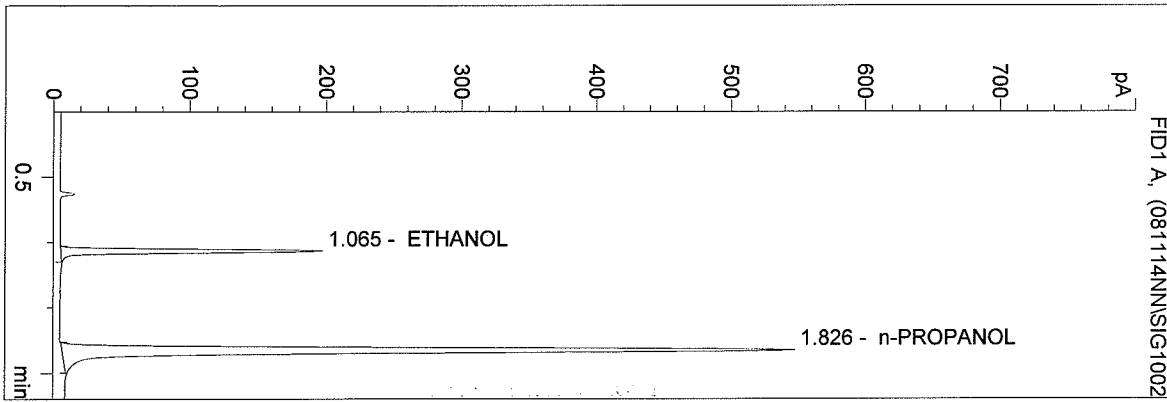
Instrument 3

db-alc2

08055 #4

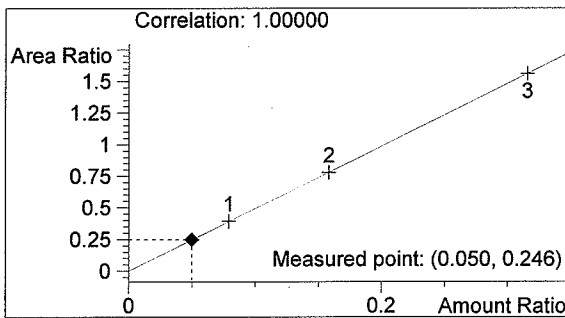
N Nuwayhid, PhD

vial # 20



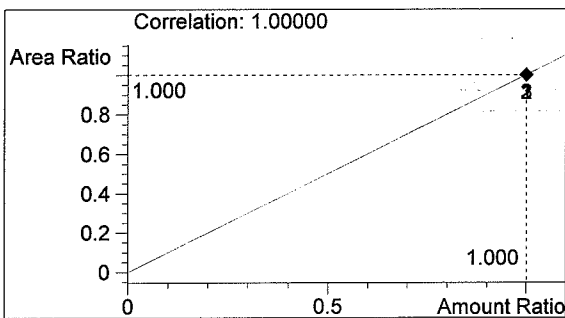
#	Compound	Area	RT
1	ETHANOL	378	1.065
2	n-PROPANOL	1534	1.826

Totals:



ETHANOL

0.050 g/100ml



n-PROPANOL

1.000 g/100ml

NN  
11/14/08

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

11/14/2008 9:54:14 AM

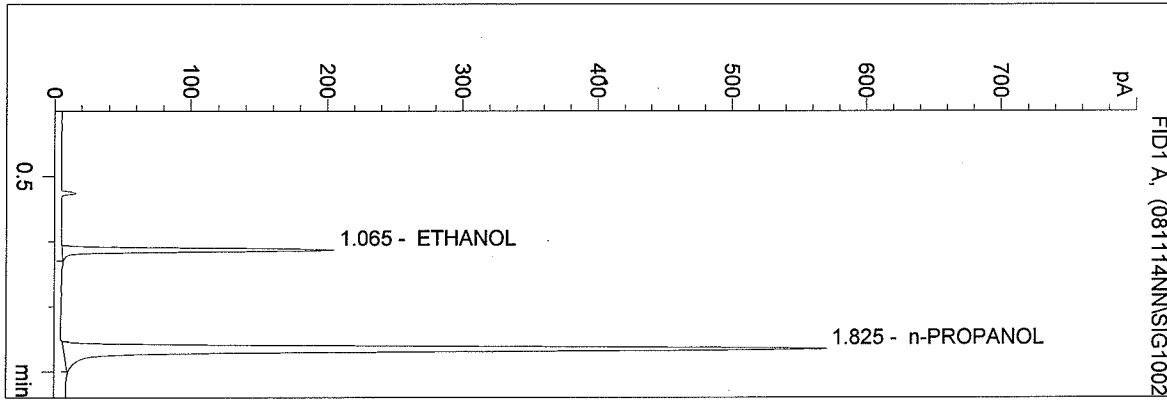
Instrument 3

db-alc2

08055 #5

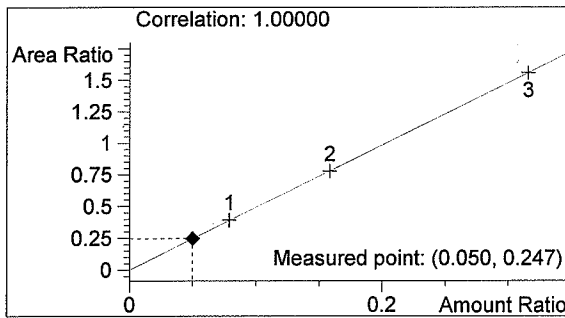
N Nuwayhid, PhD

vial # 21



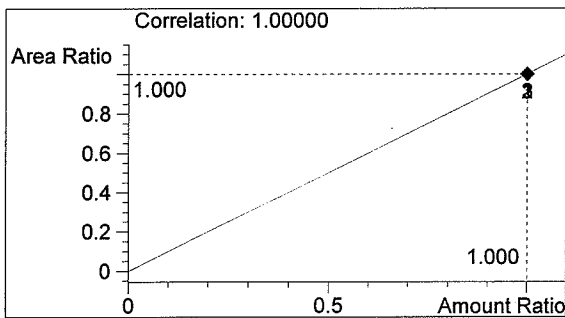
#	Compound	Area	RT
1	ETHANOL	395	1.065
2	n-PROPANOL	1595	1.825

Totals:



ETHANOL

0.050 g/100ml



n-PROPANOL

1.000 g/100ml

NW  
11/14/08

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

11/14/2008 9:57:21 AM

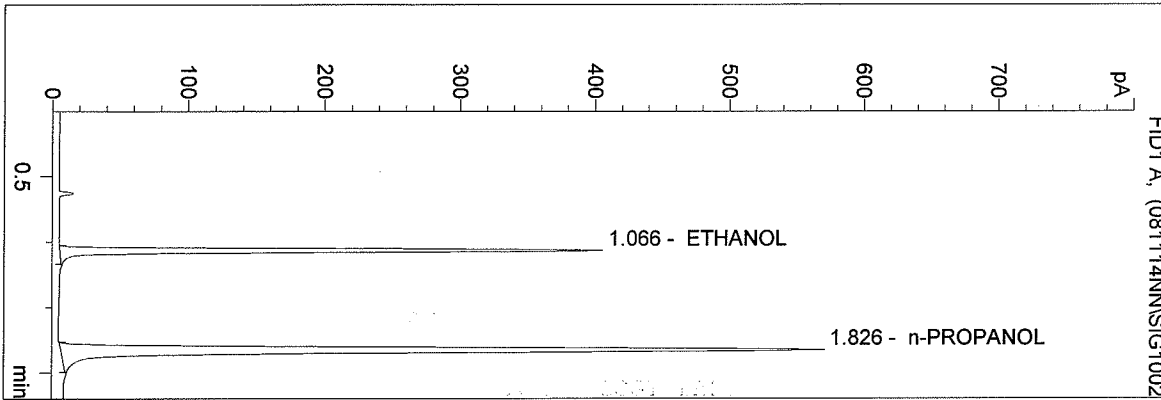
Instrument 3

db-alc2

0.10 CTL-NN

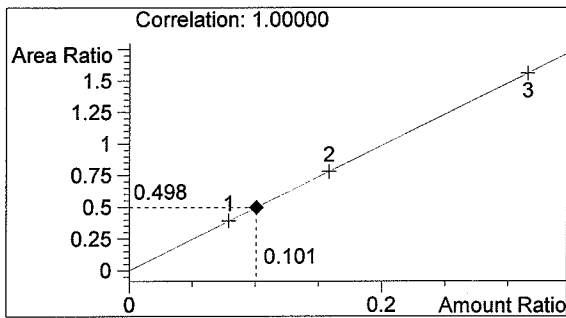
N Nuwayhid, PhD

vial # 22



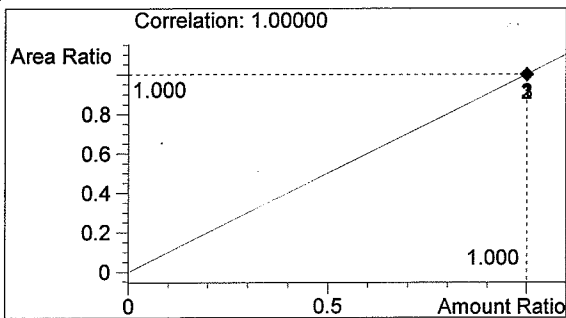
#	Compound	Area	RT
1	ETHANOL	792	1.066
2	n-PROPANOL	1591	1.826

Totals:



ETHANOL

0.101 g/100ml



n-PROPANOL

1.000 g/100ml

NW  
11/14/08

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

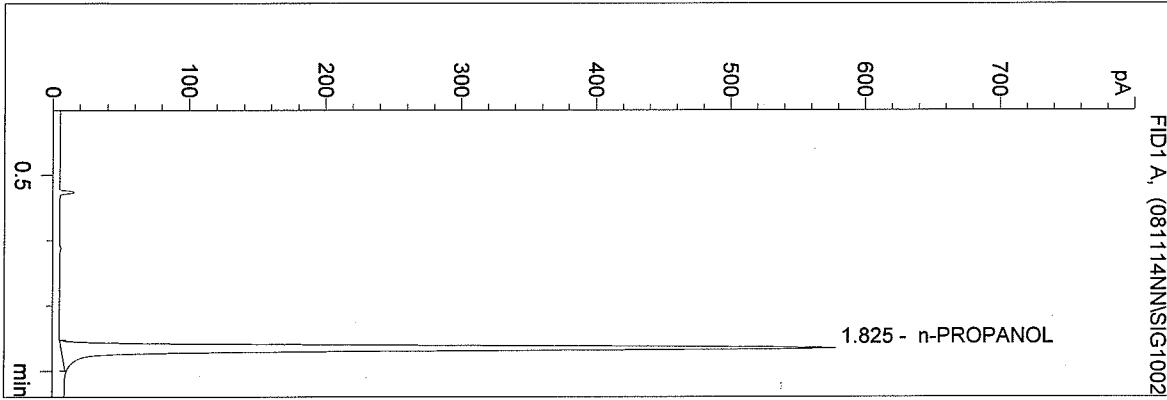
11/14/2008 10:00:28 AM

Instrument 3

db-alc2

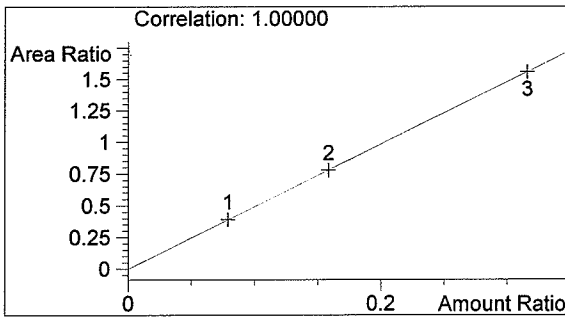
NEG CTL-NN  
N Nuwayhid, PhD

vial # 23



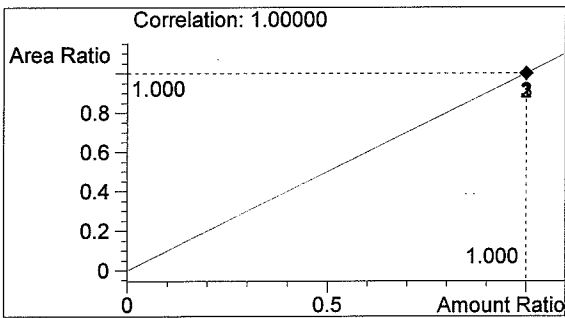
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1620	1.825

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

NW  
11/14/08