

**WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW**



Reviewer/s: KEN DEANTON / ROD GULBERG Date: 11-14-2008

Location: TOX LAB SEATTLE Solution Batch Number: 08052

	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"/>

Reviewer Signature: [Signature]

Date: 11-14-2008

Reviewer Signature: [Signature]

Date: 11/14/2008

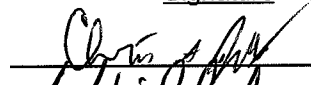
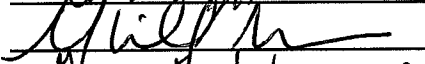
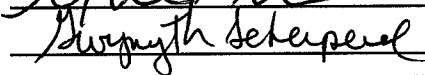
WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION

QAP Solution Calibration Certificate

Batch Number: 08052 Target Vapor Concentration: 0.10 g/210L
 Prepared By: Christopher S. Johnston Date Prepared: 11/3/2008

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

	CSJ	SS	GS
1	0.128	0.128	0.128
2	0.128	0.129	0.129
3	0.128	0.128	0.129
4	0.129	0.128	0.128
5	0.128	0.128	0.128
C	0.099	0.099	0.100

Analyst	Name	Signature	Date Tested
CSJ	Christopher S. Johnston		11/3/2008
SS	Sarah M. Swenson		11/4/2008
GS	Gwynyth Scherperel		11/7/2008

External Control(s):			
Lot Num	Exp Date	Target Conc	User List
A056938	04 / 2012	0.10 g/100mL	DEFAULT
A059621	08 / 2012	0.10 g/100mL	GS

Statistics:				
Avg. Solution Conc.	0.1283	g/100mL	Precision CV (%)	0.36
Std. Deviation (SD)	0.00046		Number of Tests (N)	15
Range (3.8xSD)	0.1265	to 0.1300	Equivalent Vapor Conc.	0.1043 g/210L

Final Review by:  Review/Issue Date: 11/25/08

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	CJ	11/13/2008 ; 11/14/08
Estuardo Miranda		
Gwynyth Scherperel	GS	11/13/2008 / 11/14/08
Justin Knoy		
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	11/14/08

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 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 08052**

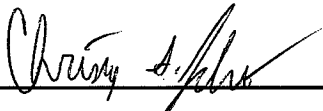
I, Christopher S. Johnston, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry.

The qap solution, Lot Number 08052, was prepared in the Washington State Toxicology Laboratory on 11/3/2008. 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 11/3/2009.

Seattle, WA



Christopher S. Johnston 11/14/2008
Forensic Toxicologist Date

CSJ/ik



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 08052**

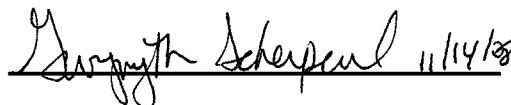
I, Gwynyth Scherperel, do certify under penalty of perjury that:

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 08052, was prepared in the Washington State Toxicology Laboratory on 11/3/2008. 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 11/3/2009.

Seattle, WA



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

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**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 08052**

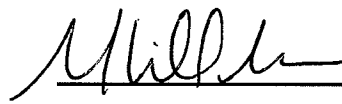
I, Sarah M. Swenson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry and over five years of experience in forensic toxicology.

The qap solution, Lot Number 08052, was prepared in the Washington State Toxicology Laboratory on 11/3/2008. 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 11/3/2009.

Seattle, WA

 11/14/08

Sarah M. Swenson

Date

Forensic Toxicologist

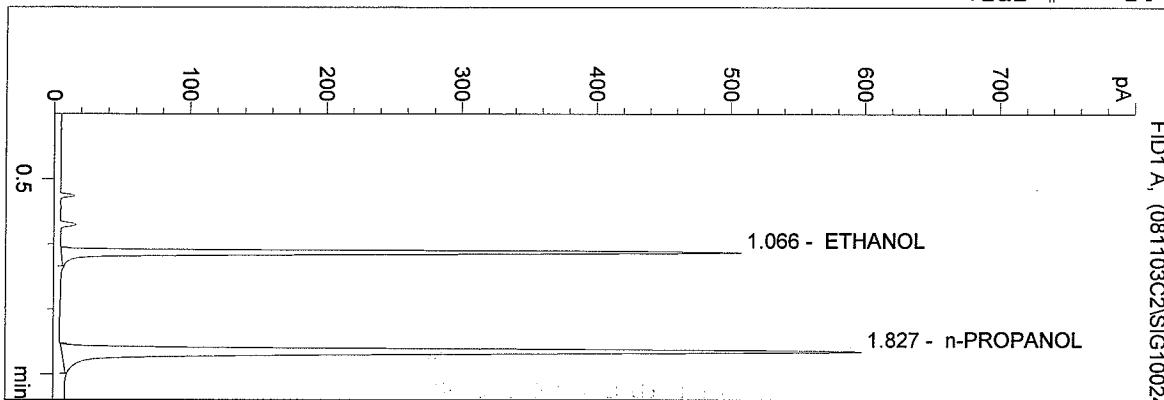
SS/ik



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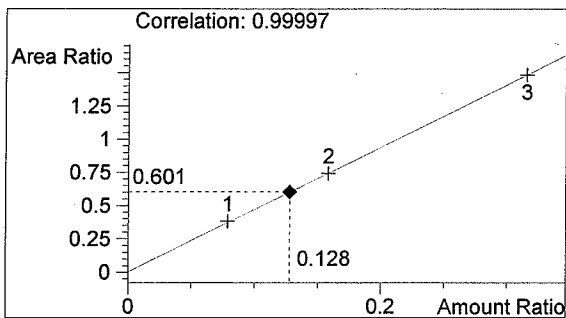
08052 #1
 CHRIS JOHNSTON

vial # 24

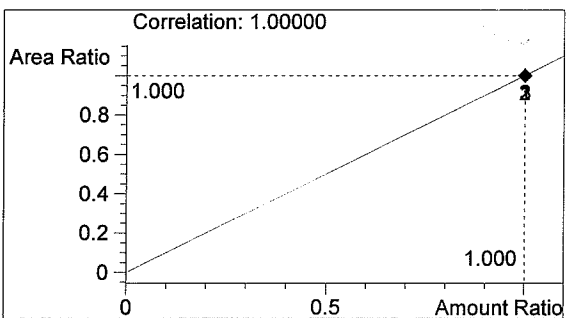


#	Compound	Area	RT
1	ETHANOL	1004	1.066
2	n-PROPANOL	1670	1.827

Totals:



0.128 g/100ml



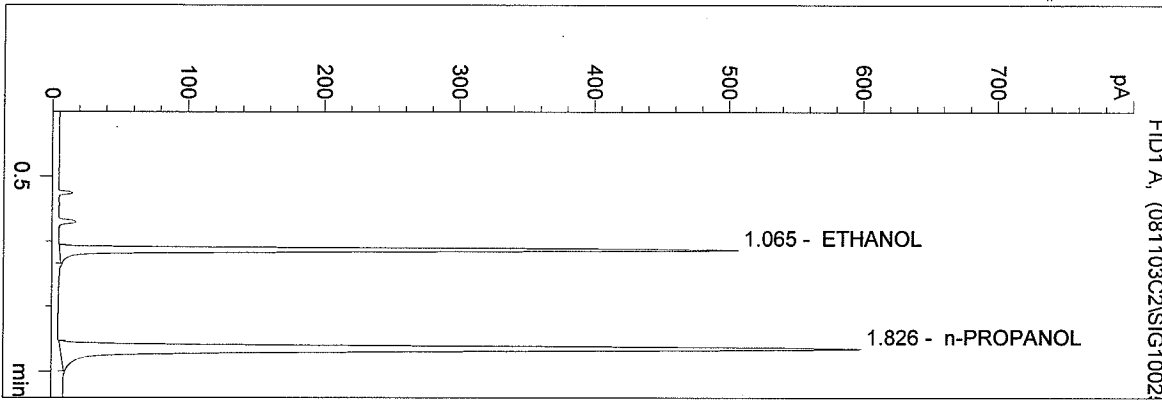
1.000 g/100ml

CJ

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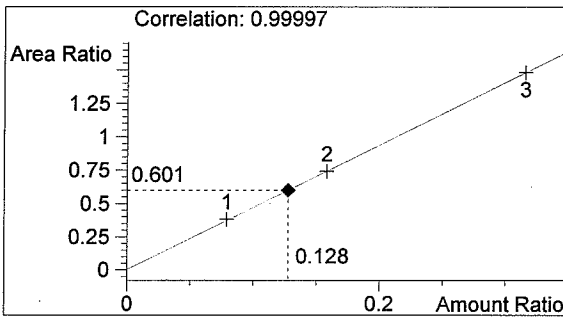
08052 #2
 CHRIS JOHNSTON

vial # 25



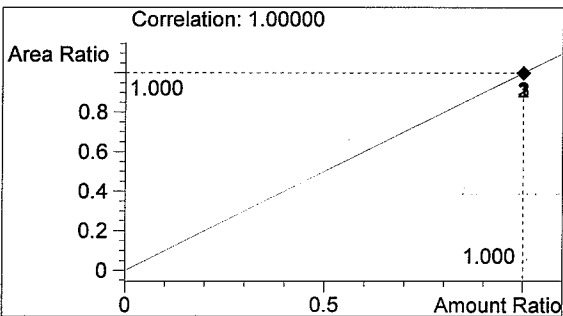
#	Compound	Area	RT
1	ETHANOL	1004	1.065
2	n-PROPANOL	1671	1.826

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

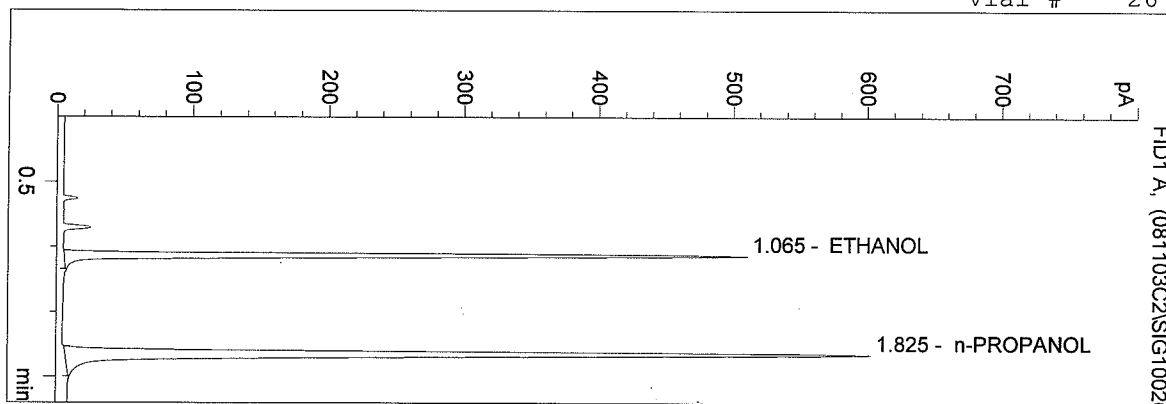
1.000 g/100ml

CJ

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 db-alc2

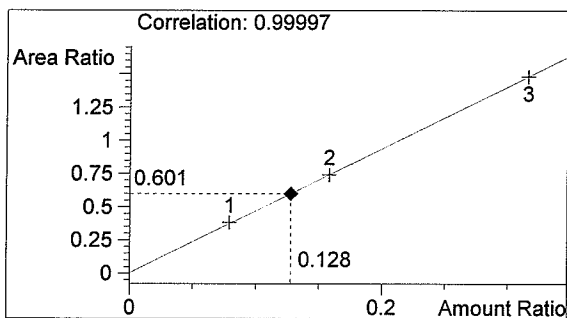
08052 #3
 CHRIS JOHNSTON

vial # 26



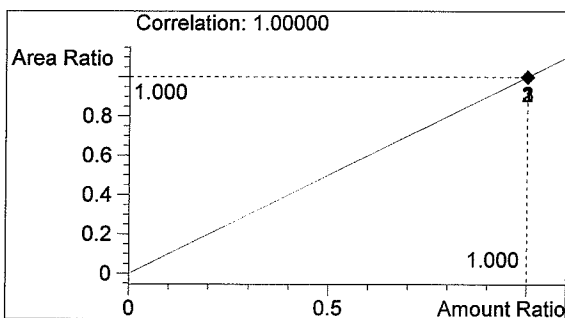
#	Compound	Area	RT
1	ETHANOL	1012	1.065
2	n-PROPANOL	1685	1.825

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

1.000 g/100ml

CJ

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11/3/2008 9:36:55 PM

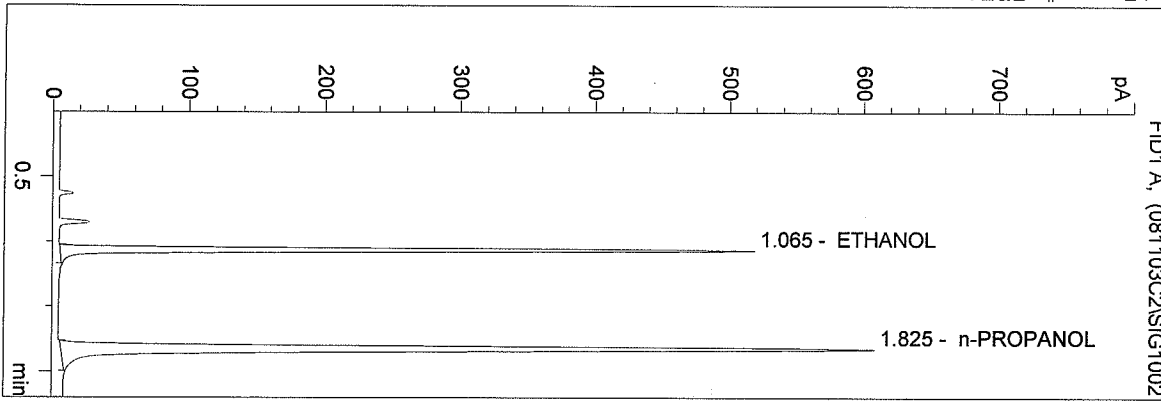
Instrument 3

db-alc2

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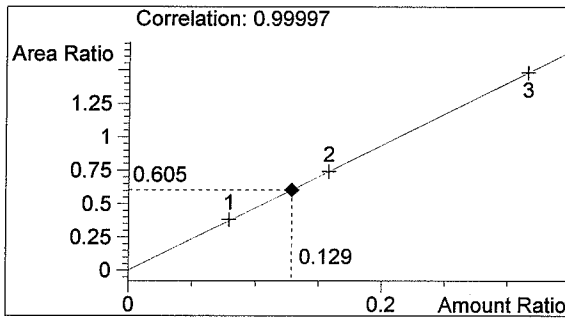
CHRIS JOHNSTON

vial # 27



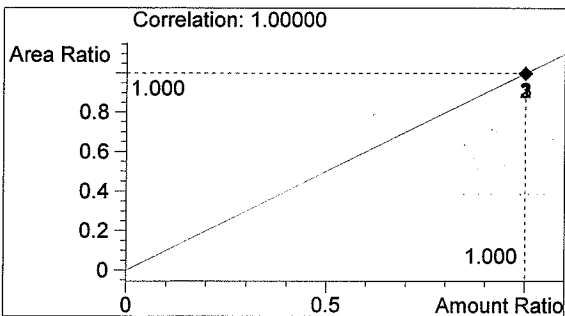
#	Compound	Area	RT
1	ETHANOL	1029	1.065
2	n-PROPANOL	1700	1.825

Totals:



ETHANOL

0.129 g/100ml



n-PROPANOL

1.000 g/100ml

63

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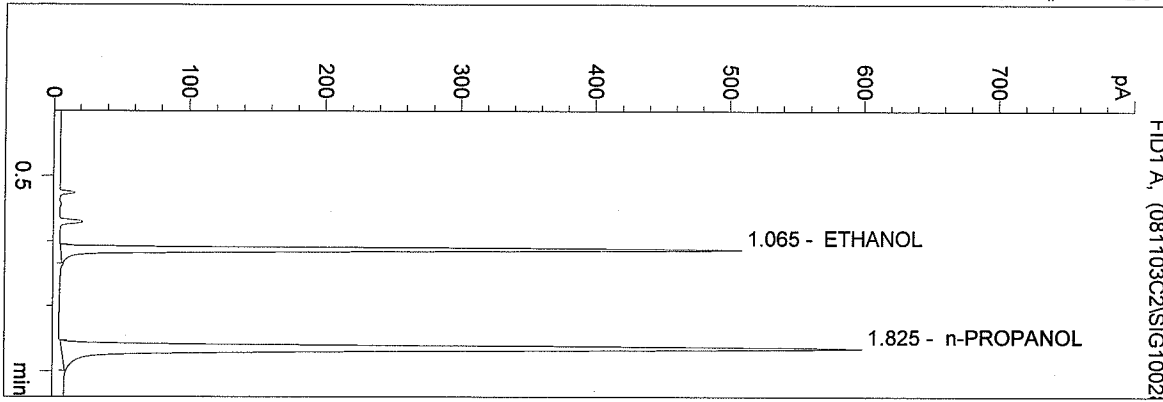
Instrument 3

db-alc2

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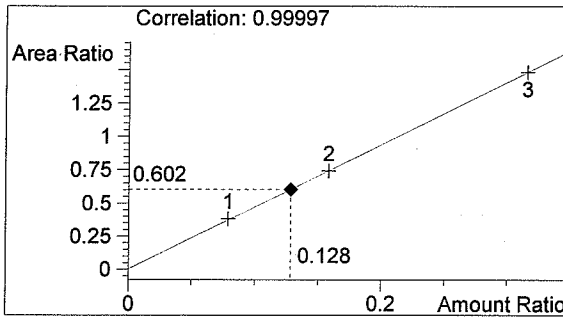
CHRIS JOHNSTON

vial # 28



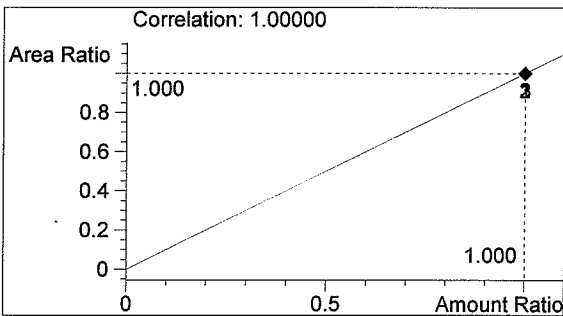
#	Compound	Area	RT
1	ETHANOL	1008	1.065
2	n-PROPANOL	1674	1.825

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

1.000 g/100ml

CJ

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11/3/2008 9:43:09 PM

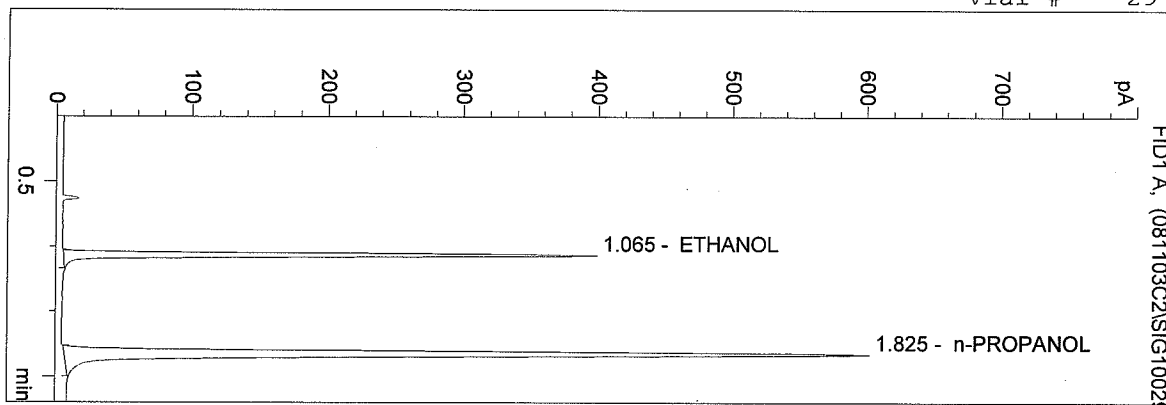
Instrument 3

db-alc2

0.10 CONTROL-CJ

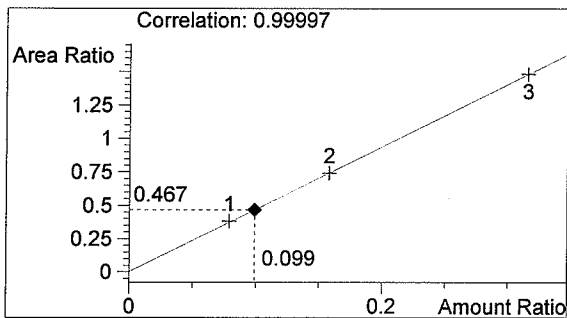
CHRIS JOHNSTON

vial # 29



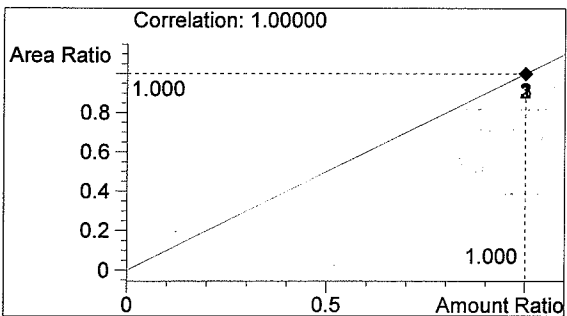
#	Compound	Area	RT
1	ETHANOL	787	1.065
2	n-PROPANOL	1684	1.825

Totals:



ETHANOL

0.099 g/100ml



n-PROPANOL

1.000 g/100ml

9

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11/3/2008 9:46:16 PM

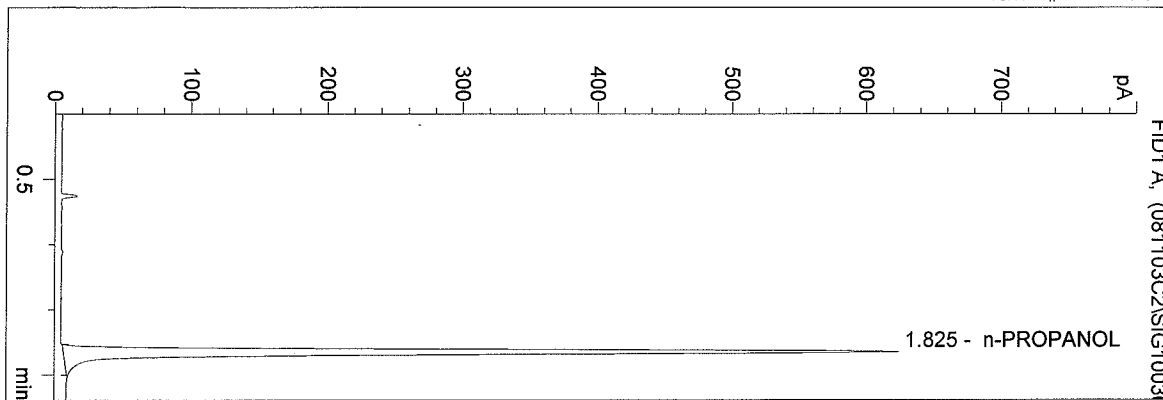
Instrument 3

db-alc2

NEG CONTROL-CJ

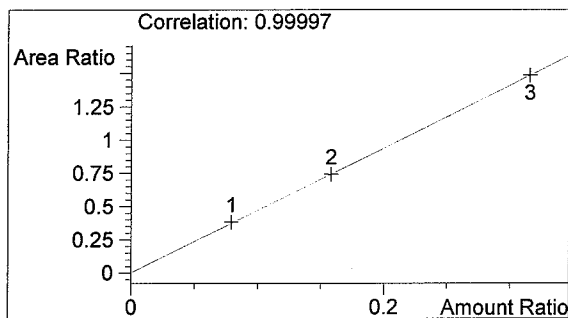
CHRIS JOHNSTON

vial # 30



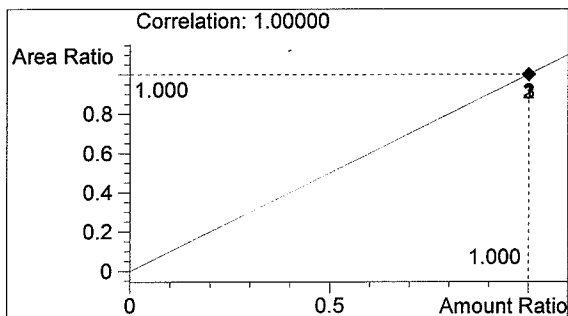
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1747	1.825

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

CJ

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11/4/2008 5:16:49 PM

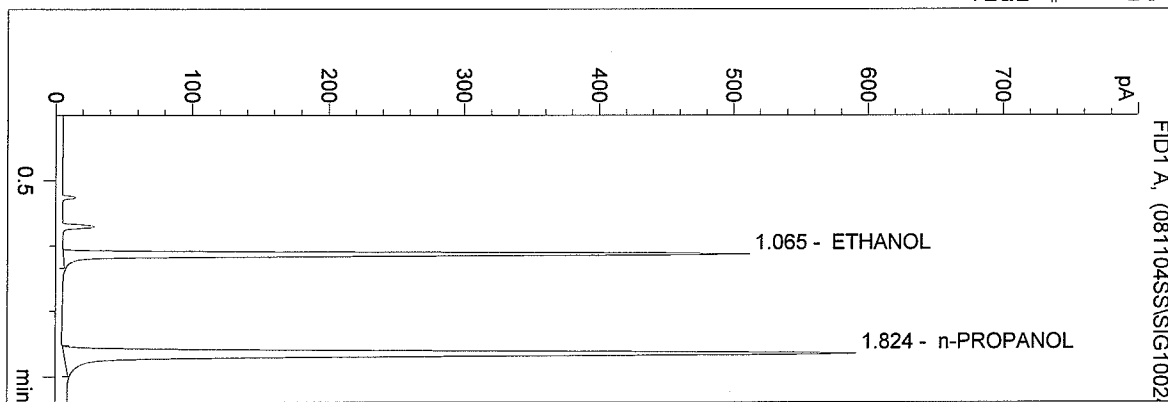
Instrument 3

db-alc2

08052 #1

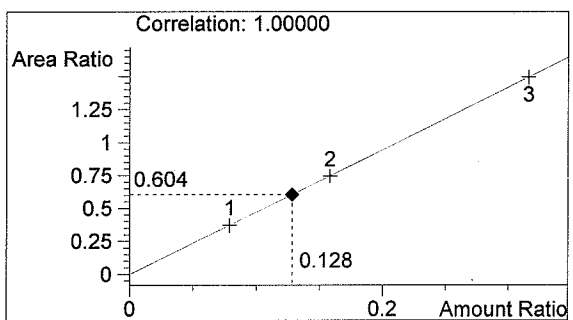
Sarah Swenson

vial # 24



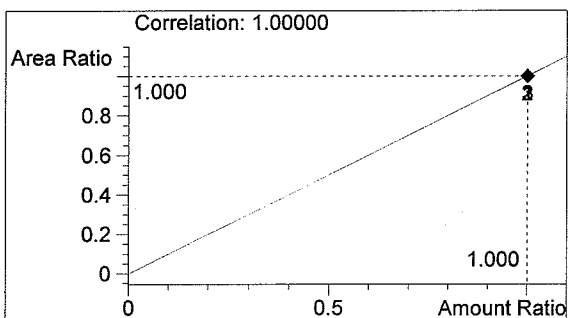
#	Compound	Area	RT
1	ETHANOL	999	1.065
2	n-PROPANOL	1653	1.824

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

1.000 g/100ml

SMS

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11/4/2008 5:19:56 PM

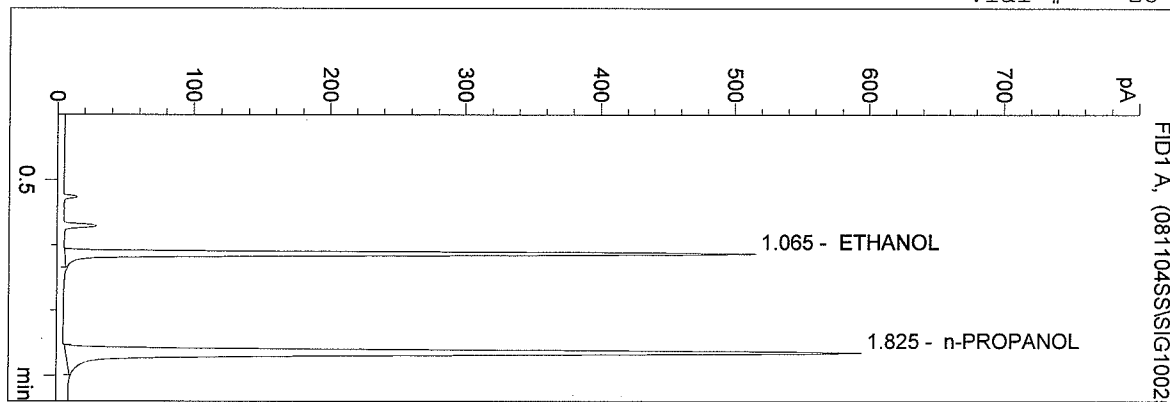
Instrument 3

db-alc2

08052 #2

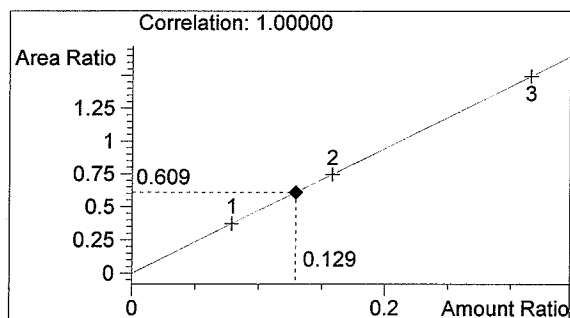
Sarah Swenson

vial # 25



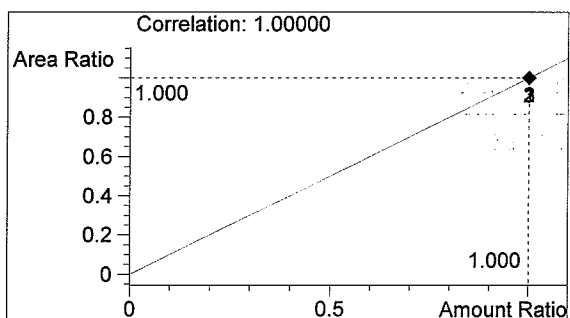
#	Compound	Area	RT
1	ETHANOL	1011	1.065
2	n-PROPANOL	1660	1.825

Totals:



ETHANOL

0.129 g/100ml



n-PROPANOL

1.000 g/100ml

SMS

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11/4/2008 5:23:03 PM

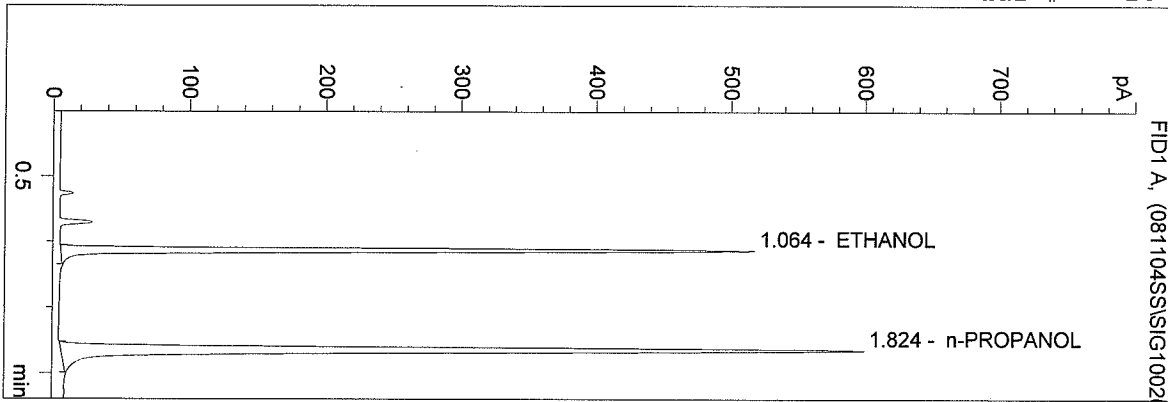
Instrument 3

db-alc2

08052 #3

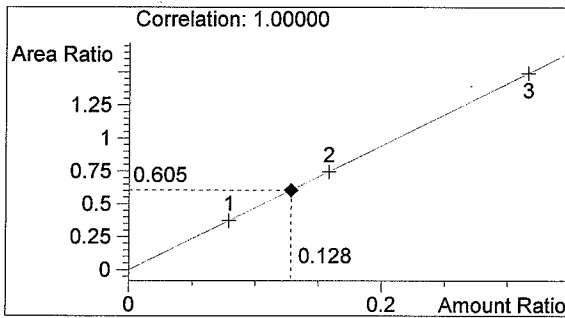
Sarah Swenson

vial # 26



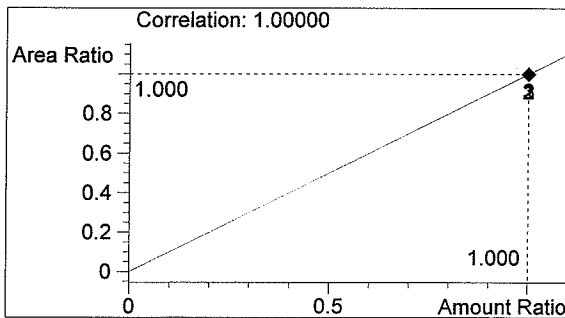
#	Compound	Area	RT
1	ETHANOL	1015	1.064
2	n-PROPANOL	1679	1.824

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

1.000 g/100ml

SMS

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11/4/2008 5:26:10 PM

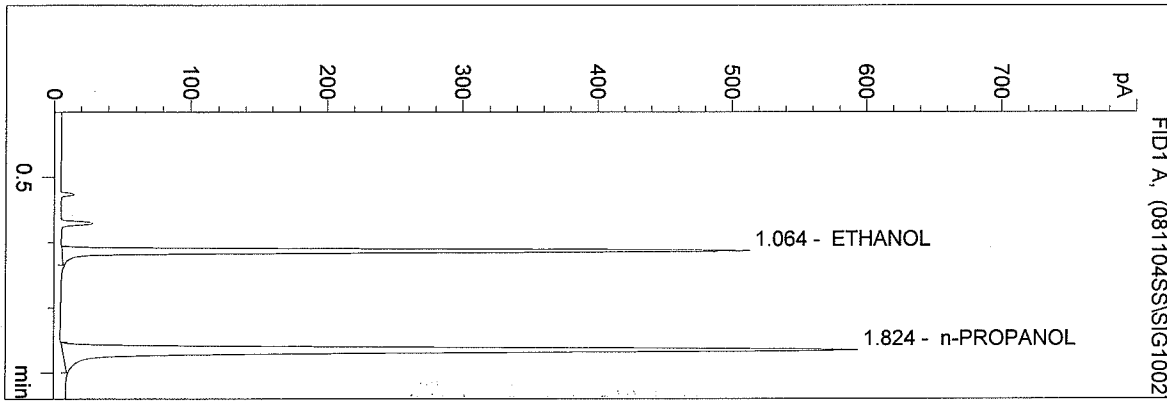
Instrument 3

db-alc2

08052 #4

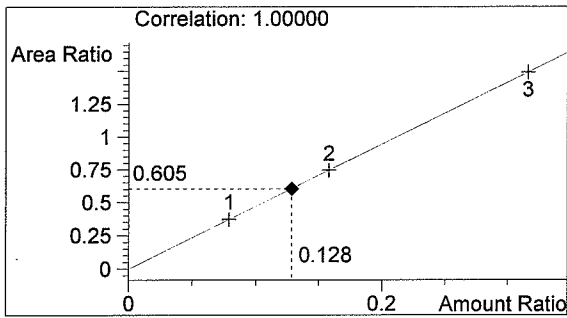
Sarah Swenson

vial # 27



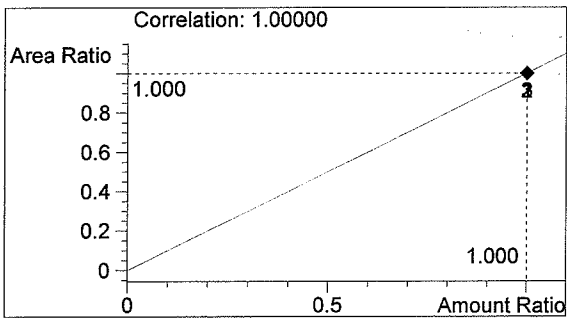
#	Compound	Area	RT
1	ETHANOL	1007	1.064
2	n-PROPANOL	1664	1.824

Totals:



ETHANOL

0.128 g/100ml



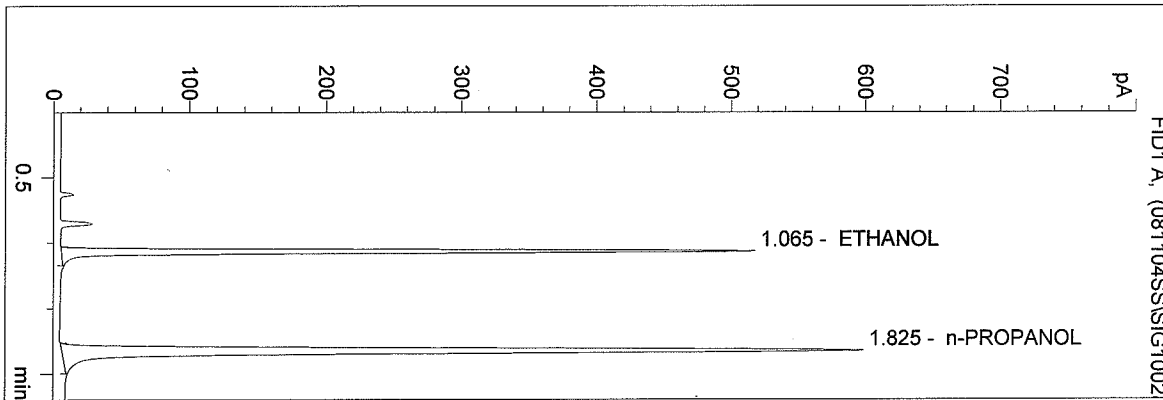
n-PROPANOL

1.000 g/100ml

SMS

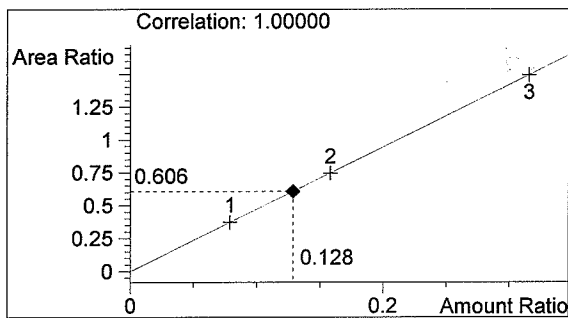
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 Instrument 3
 db-alc2

08052 #5
 Sarah Swenson
 vial # 28



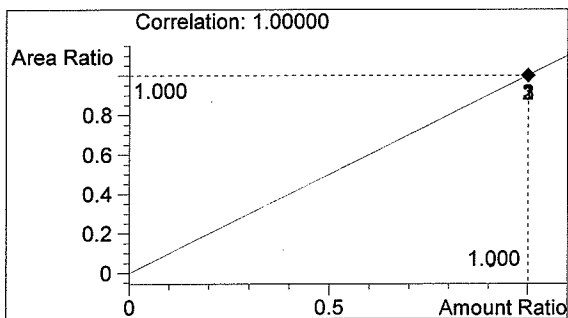
#	Compound	Area	RT
1	ETHANOL	1015	1.065
2	n-PROPANOL	1674	1.825

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

1.000 g/100ml

SMS

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11/4/2008 5:32:24 PM

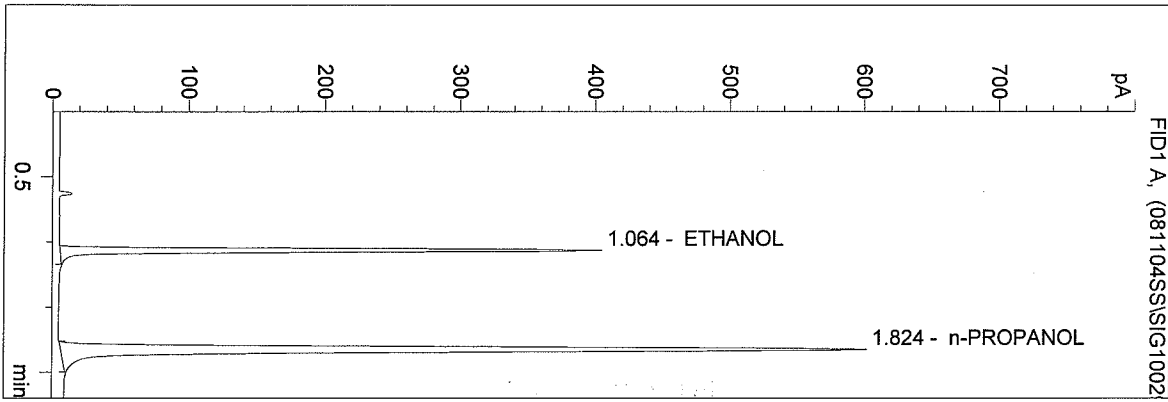
Instrument 3

db-alc2

0.10 CONTROL-SS

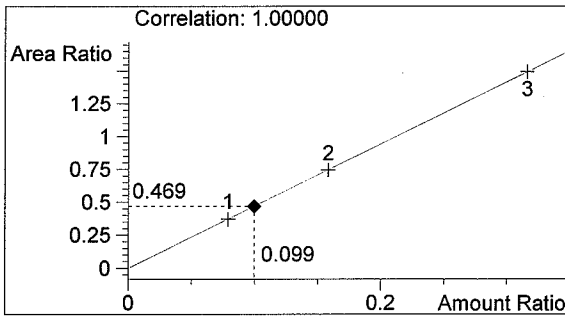
Sarah Swenson

vial # 29

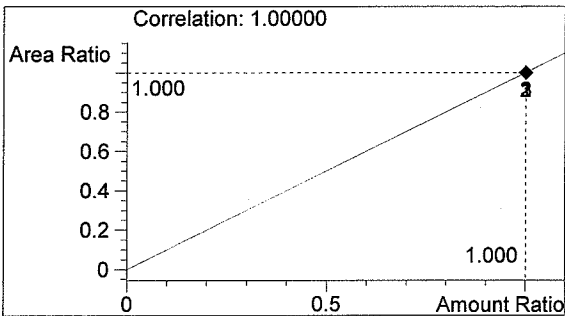


#	Compound	Area	RT
1	ETHANOL	790	1.064
2	n-PROPANOL	1684	1.824

Totals:



0.099 g/100ml



1.000 g/100ml

SMS

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11/4/2008 5:35:32 PM

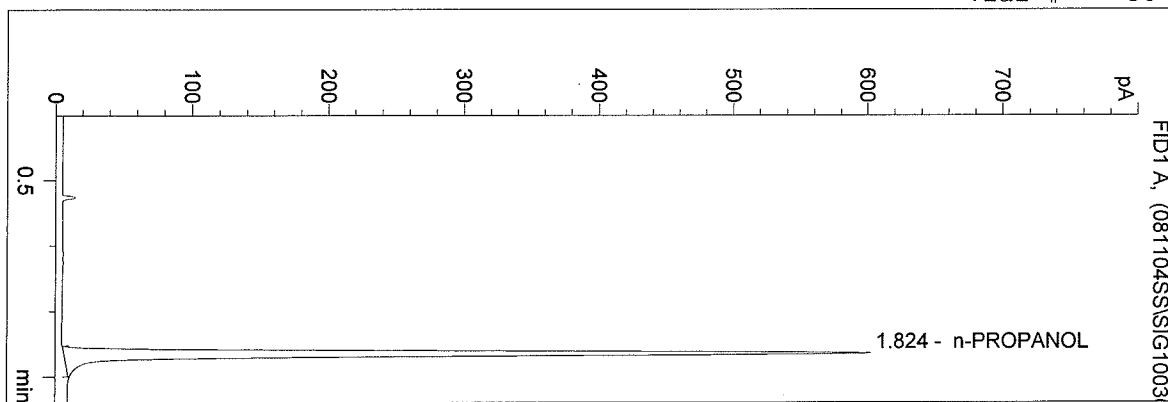
Instrument 3

db-alc2

NEG CONTROL-SS

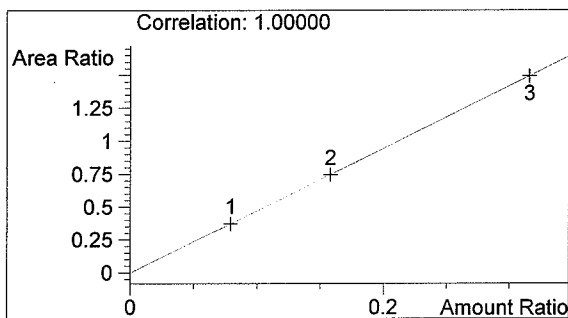
Sarah Swenson

vial # 30



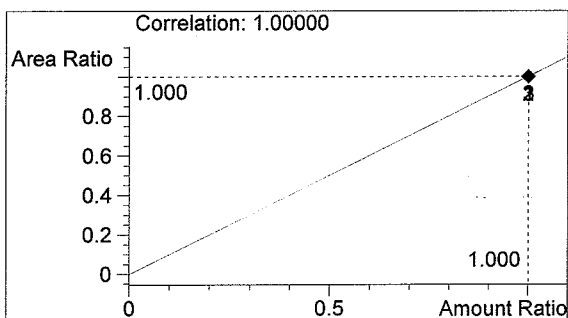
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1688	1.824

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

SJS

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11/7/2008 10:10:52 AM

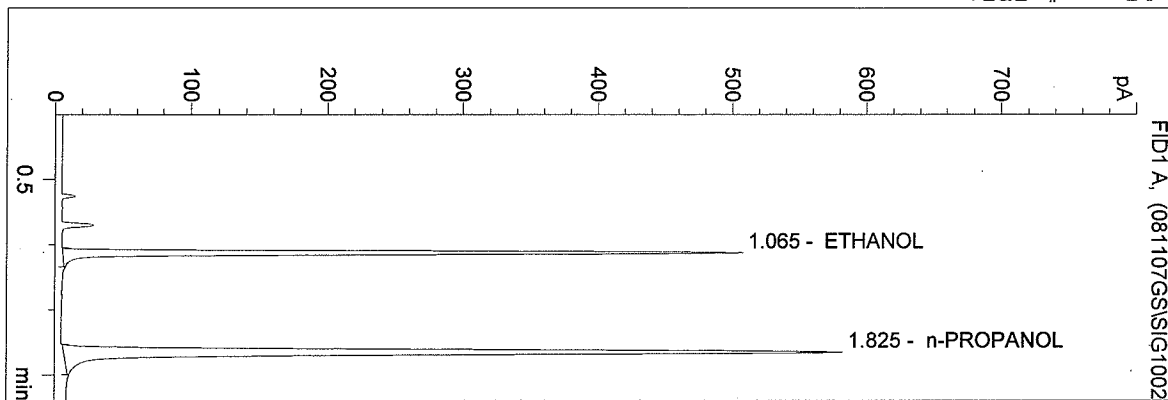
Instrument 3

db-alc2

08052 #1

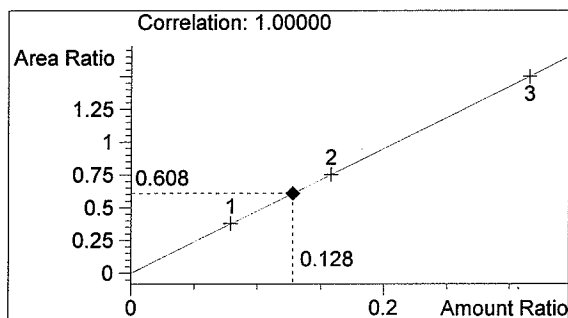
Gwynyth Scherperel

vial # 24



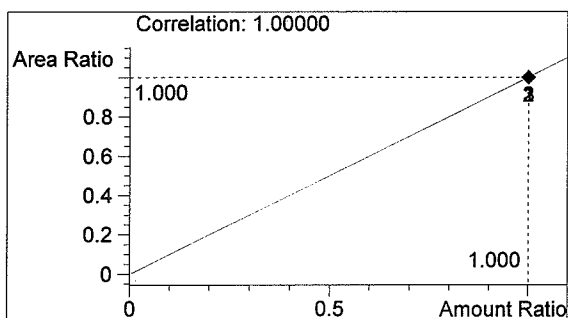
#	Compound	Area	RT
1	ETHANOL	989	1.065
2	n-PROPANOL	1626	1.825

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

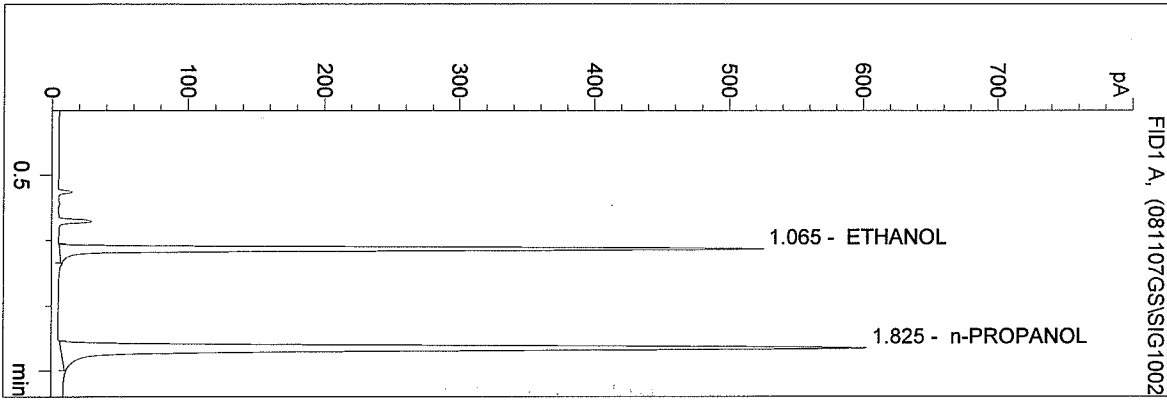
1.000 g/100ml

GS

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 Instrument 3
 db-alc2

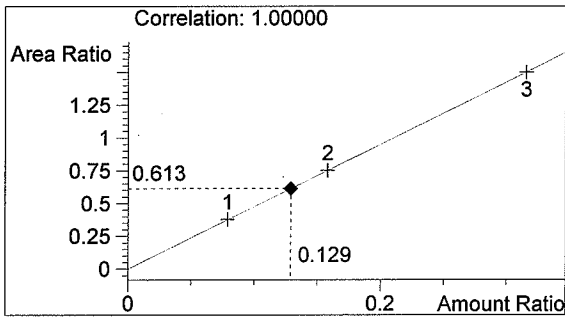
08052 #2
 Gwynyth Scherperel

vial # 25



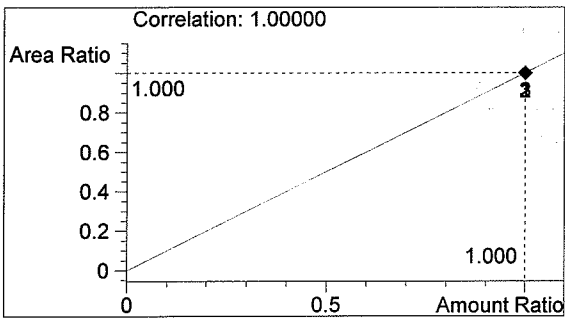
#	Compound	Area	RT
1	ETHANOL	1033	1.065
2	n-PROPANOL	1685	1.825

Totals:



ETHANOL

0.129 g/100ml



n-PROPANOL

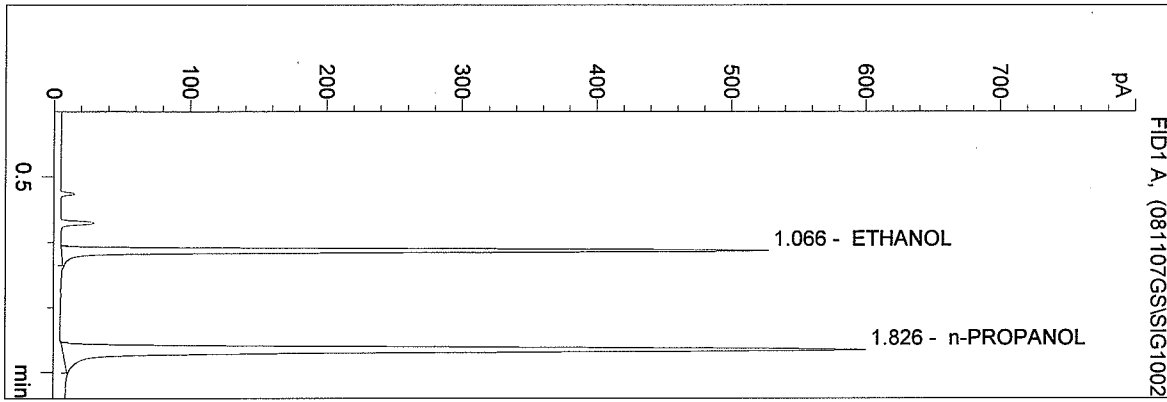
1.000 g/100ml

65

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 11/7/2008 10:17:07 AM
 Instrument 3
 db-alc2

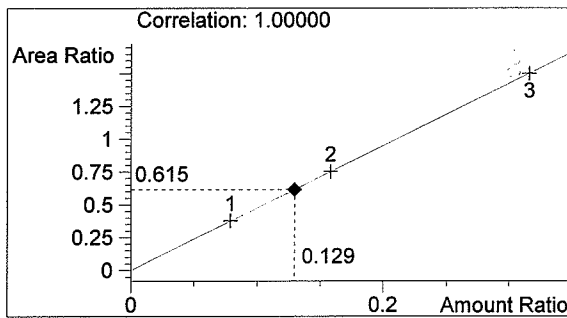
08052 #3
 Gwynyth Scherperel

vial # 26



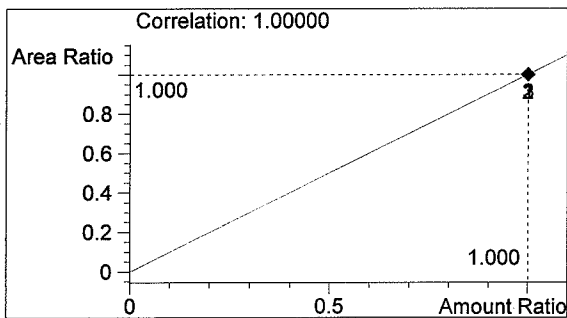
#	Compound	Area	RT
1	ETHANOL	1034	1.066
2	n-PROPANOL	1680	1.826

Totals:



ETHANOL

0.129 g/100ml



n-PROPANOL

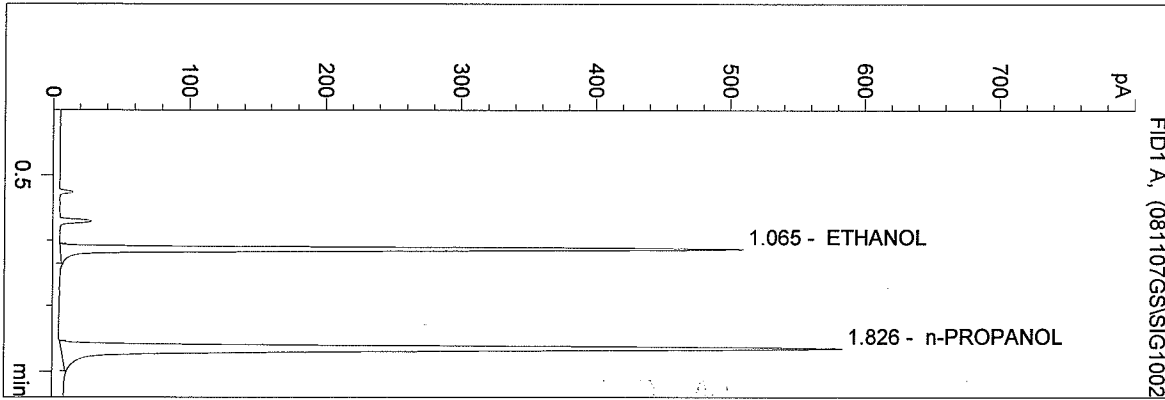
1.000 g/100ml

65

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 11/7/2008 10:20:14 AM
 Instrument 3
 db-alc2

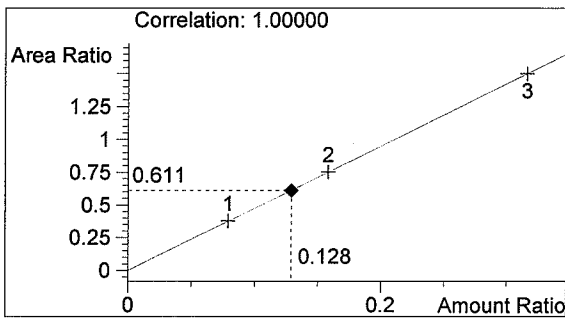
08052 #4
 Gwynyth Scherperel

vial # 27



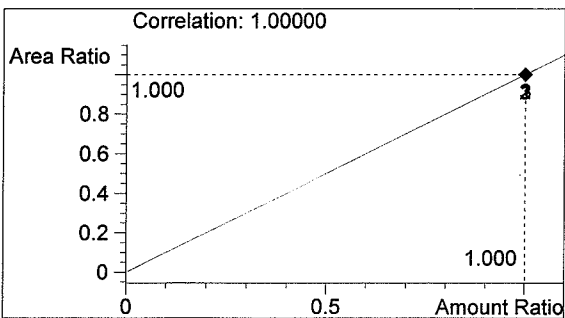
#	Compound	Area	RT
1	ETHANOL	993	1.065
2	n-PROPANOL	1627	1.826

Totals:



ETHANOL

0.128 g/100ml



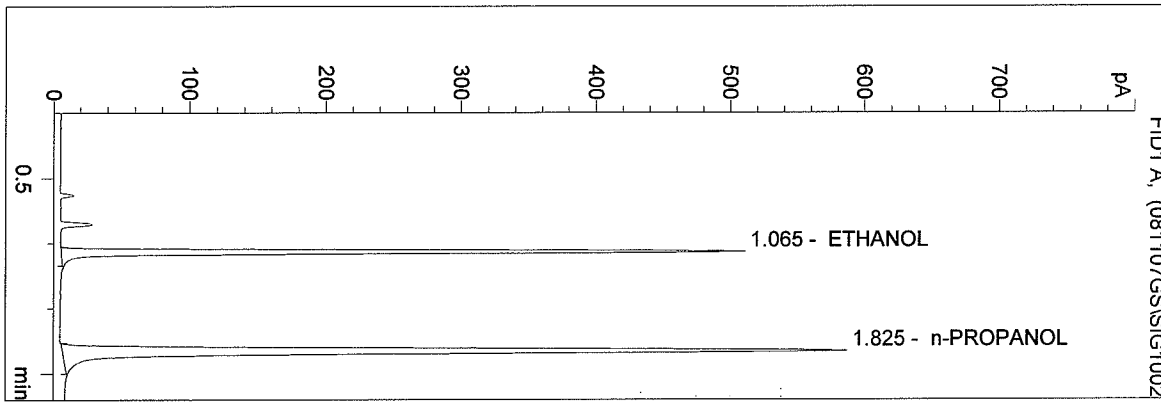
n-PROPANOL

1.000 g/100ml

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 Instrument 3
 db-alc2

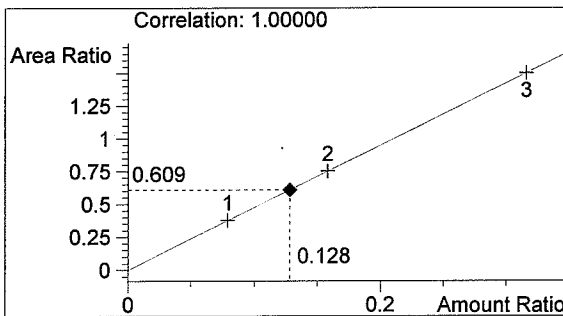
08052 #5
 Gwynyth Scherperel

vial # 28



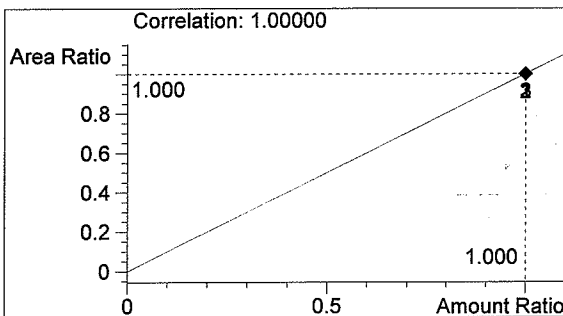
#	Compound	Area	RT
1	ETHANOL	997	1.065
2	n-PROPANOL	1636	1.825

Totals:



ETHANOL

0.128 g/100ml



n-PROPANOL

1.000 g/100ml

65

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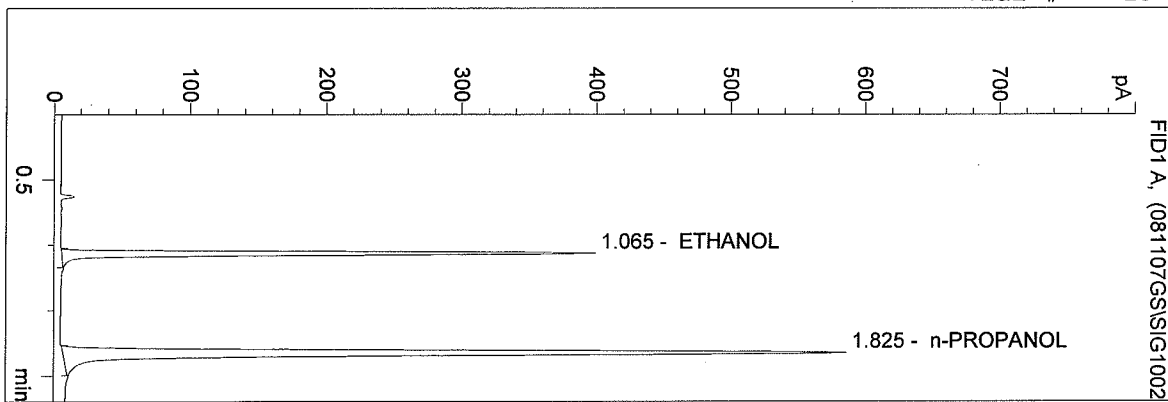
Instrument 3

db-alc2

0.10 CONTROL-GS

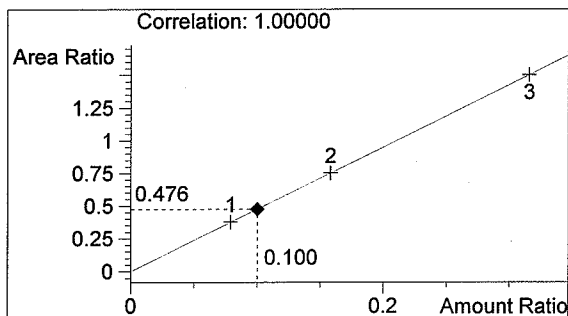
Gwynyth Scherperel

vial # 29



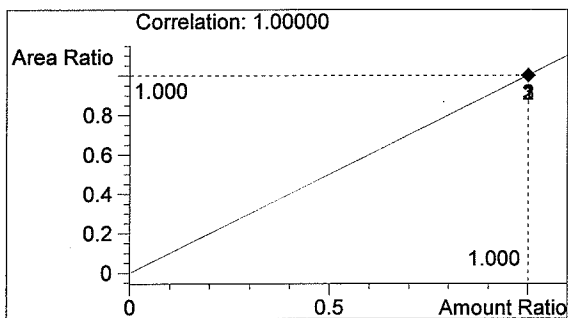
#	Compound	Area	RT
1	ETHANOL	779	1.065
2	n-PROPANOL	1637	1.825

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

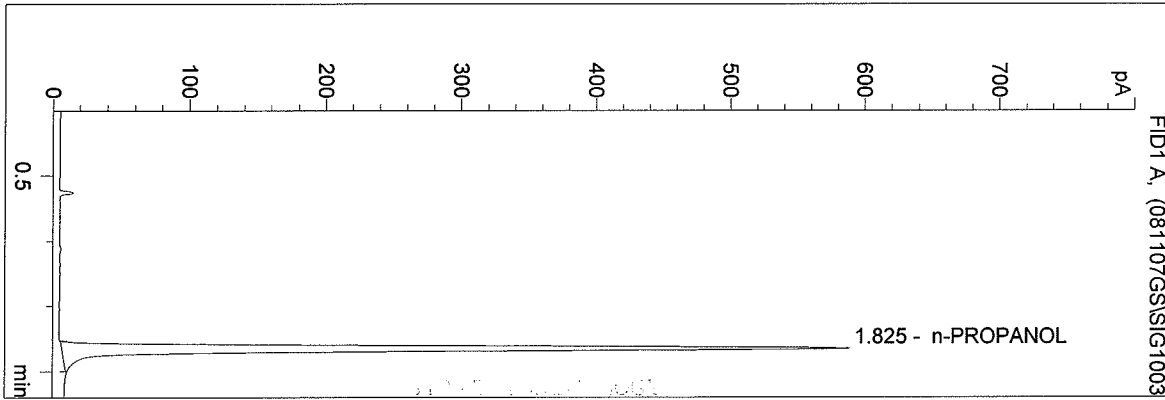
1.000 g/100ml

65

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 11/7/2008 10:29:36 AM
 Instrument 3
 db-alc2

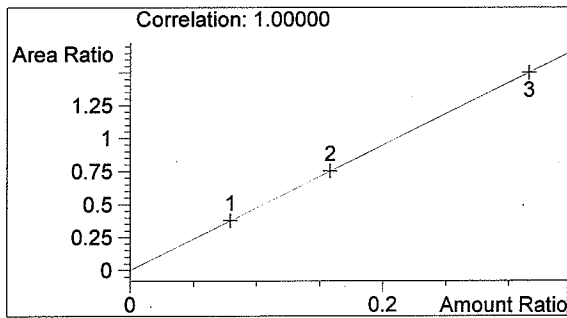
NEG CONTROL-GS
 Gwynyth Scherperel

vial # 30



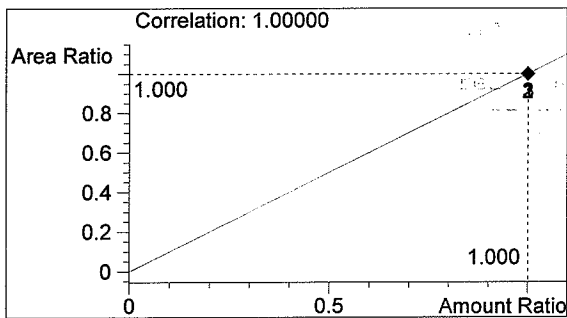
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1642	1.825

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

65