

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



Reviewer/s: KEN DENTON / RDA GULBERG Date: 11-14-2008  
 Location: TOX LAB SEATTLE Solution Batch Number: 08053

	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? Comments:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

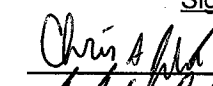
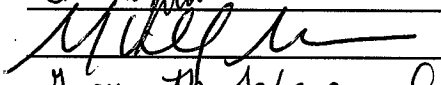
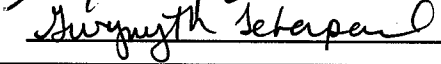
**WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION**

**QAP Solution Calibration Certificate**

Batch Number: 08053                      Target Vapor Concentration: 0.15 g/210L  
 Prepared By: Christopher S. Johnston      Date Prepared: 11/3/2008

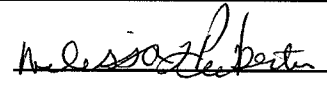
Concentration of ethanol (g/100mL) measured by gas chromatography:

	CSJ	SS	GS
1	0.186	0.186	0.187
2	0.187	0.187	0.187
3	0.187	0.187	0.186
4	0.187	0.189	0.187
5	0.187	0.189	0.186
C	0.099	0.100	0.100

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

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

<b>Statistics:</b>			
Avg. Solution Conc.	0.1870	g/100mL	Precision CV (%) 0.50
Std. Deviation (SD)	0.00093		Number of Tests (N) 15
Range (3.8xSD)	0.1835	to 0.1905	Equivalent Vapor Conc. <b>0.1520</b> 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
Estuardo Miranda		
Gwynyth Scherperel	GS	11/13/08
Justin Knoy		
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SSS	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 0.15 QAP SOLUTION  
CERTIFICATION FOR LOT 08053**


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 08053, 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



CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.15 QAP SOLUTION  
CERTIFICATION FOR LOT 08053**

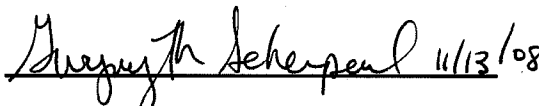
I, Gwynyth Scherperel, do certify under penalty of perjury that:

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 08053, 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

 11/13/08

Gwynyth Scherperel

Date

Forensic Toxicologist

GS/ik



CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
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STATE OF WASHINGTON  
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**DATAMASTER 0.15 QAP SOLUTION  
CERTIFICATION FOR LOT 08053**

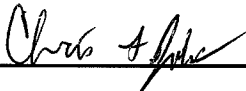
I, Christopher S. Johnston, do certify under penalty of perjury that:

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 08053, 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                      11/13/08  
Forensic Toxicologist                      Date

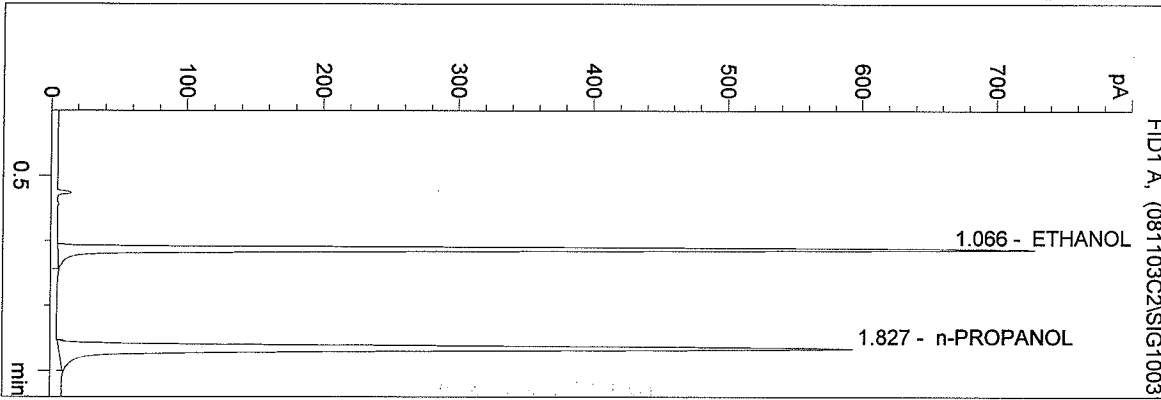
CSJ/ik



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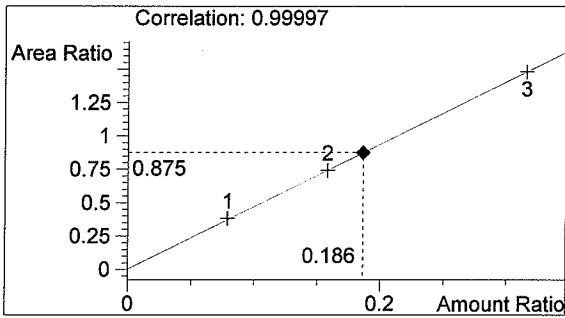
08053 #1  
 CHRIS JOHNSTON

vial # 31



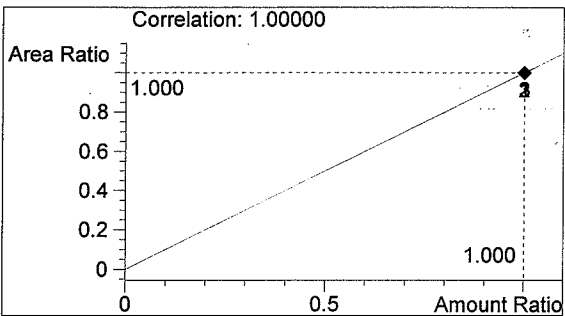
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1	ETHANOL	1454	1.066
2	n-PROPANOL	1662	1.827

Totals:



ETHANOL

0.186 g/100ml



n-PROPANOL

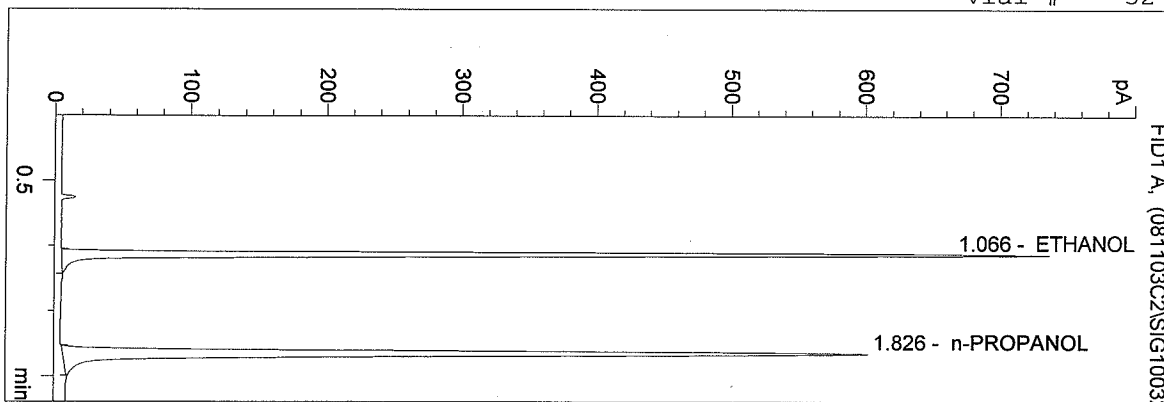
1.000 g/100ml

U

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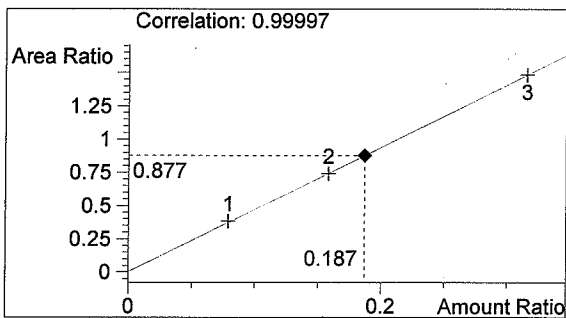
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 CHRIS JOHNSTON

vial # 32

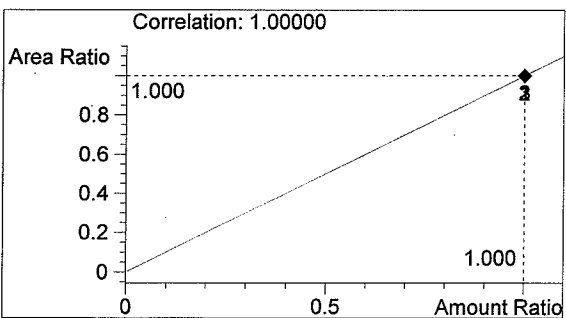


#	Compound	Area	RT
1	ETHANOL	1481	1.066
2	n-PROPANOL	1688	1.826

Totals:



0.187 g/100ml



1.000 g/100ml

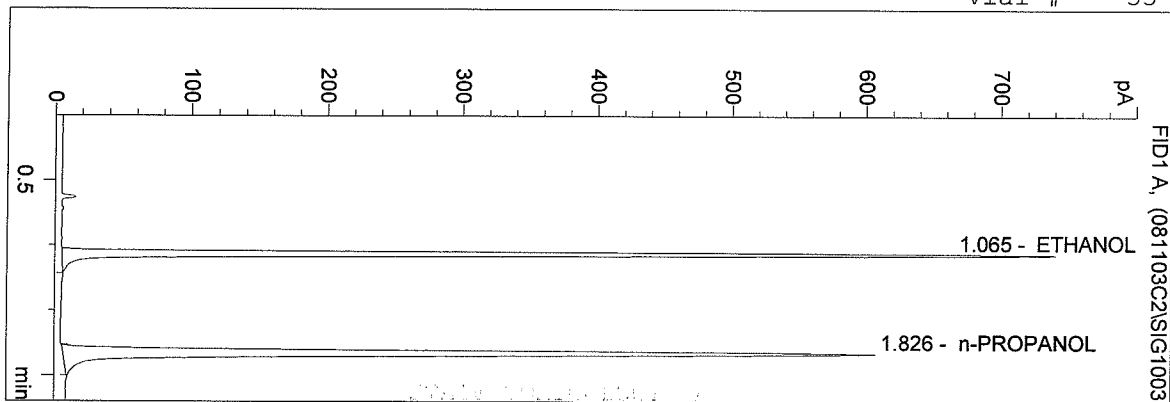
CJ



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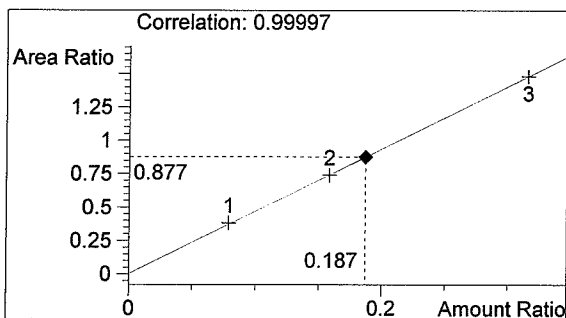
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 CHRIS JOHNSTON

vial # 33



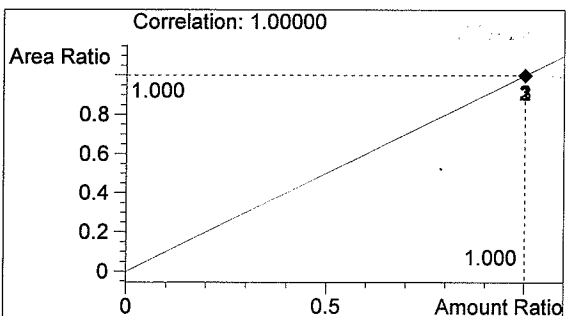
#	Compound	Area	RT
1	ETHANOL	1490	1.065
2	n-PROPANOL	1699	1.826

Totals:



ETHANOL

0.187 g/100ml



n-PROPANOL

1.000 g/100ml

CJ

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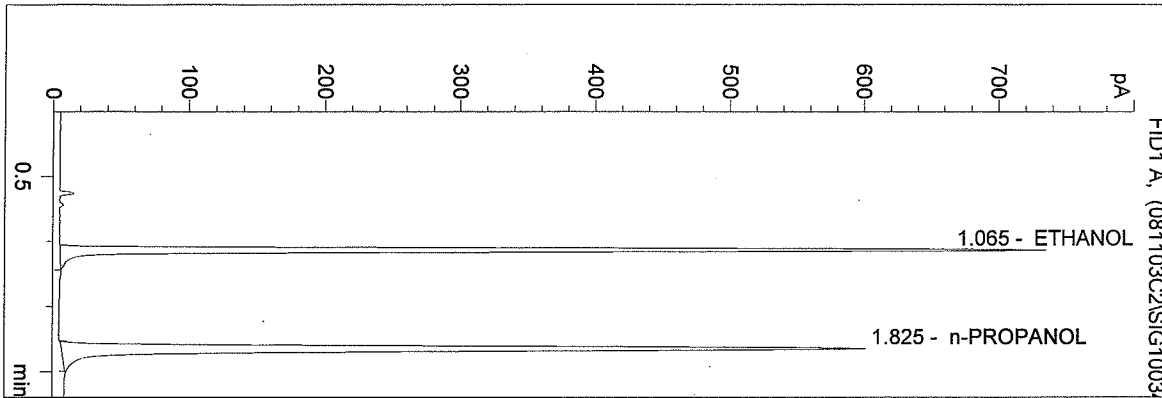
Instrument 3

db-alc2

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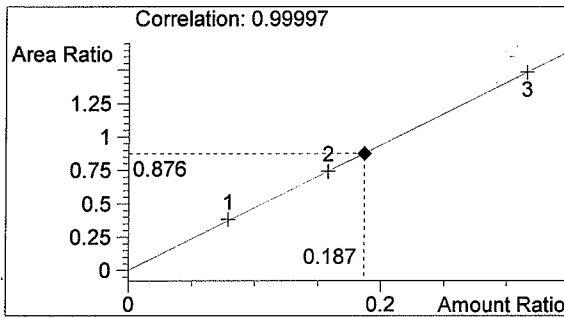
CHRIS JOHNSTON

vial # 34



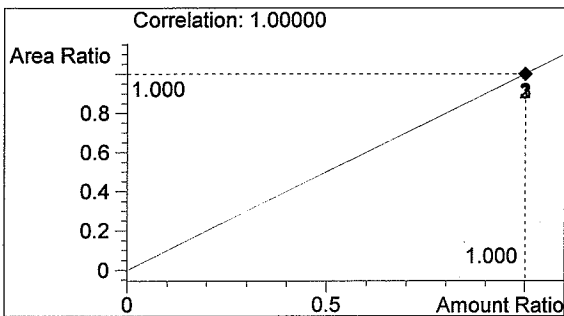
#	Compound	Area	RT
1	ETHANOL	1475	1.065
2	n-PROPANOL	1683	1.825

Totals:



ETHANOL

0.187 g/100ml



n-PROPANOL

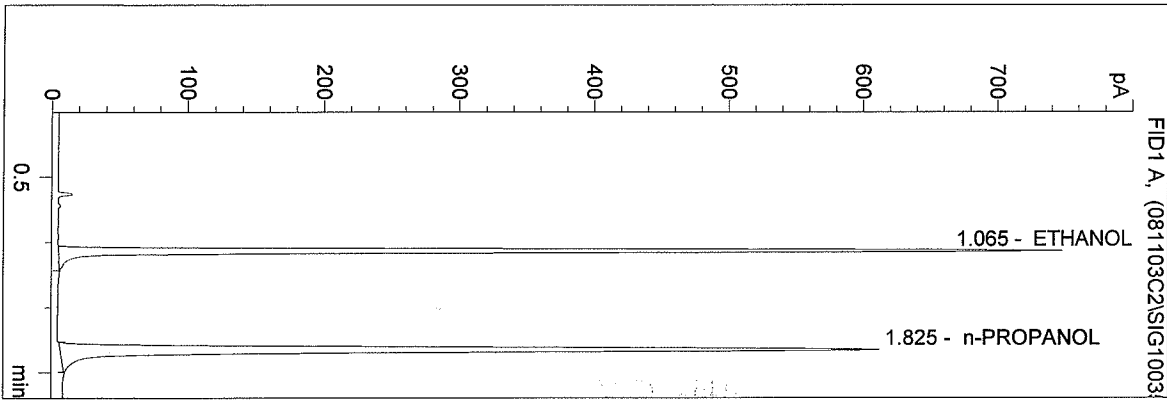
1.000 g/100ml

CJ

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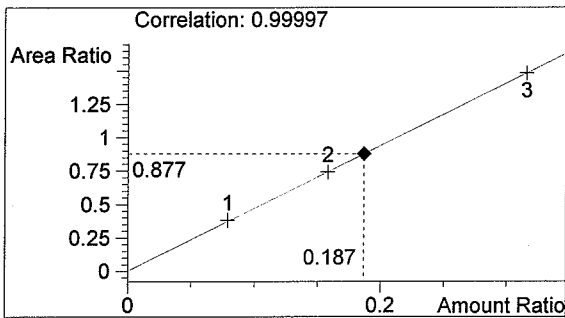
08053 #5  
 CHRIS JOHNSTON

vial # 35



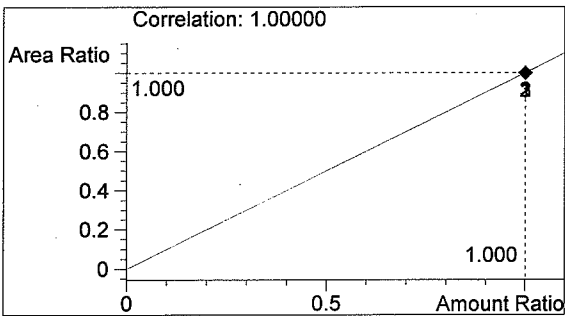
#	Compound	Area	RT
1	ETHANOL	1499	1.065
2	n-PROPANOL	1710	1.825

Totals:



ETHANOL

0.187 g/100ml



n-PROPANOL

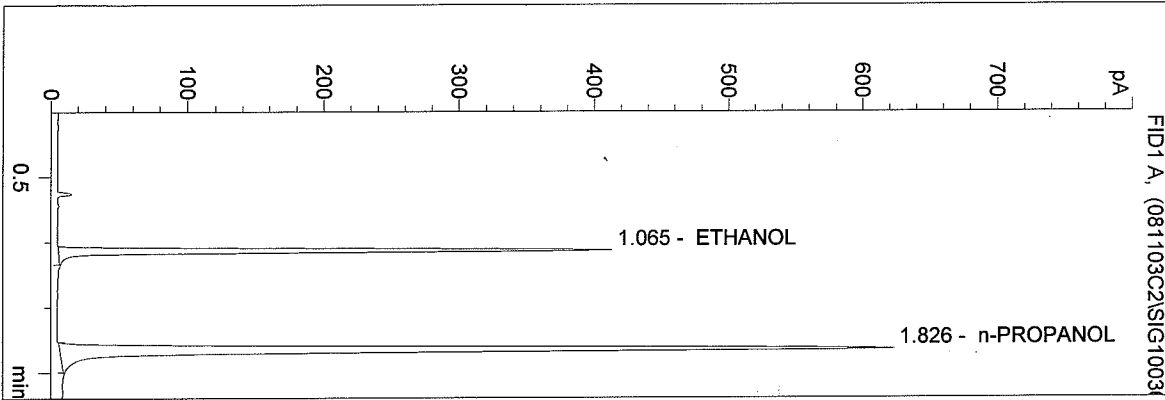
1.000 g/100ml

CJ

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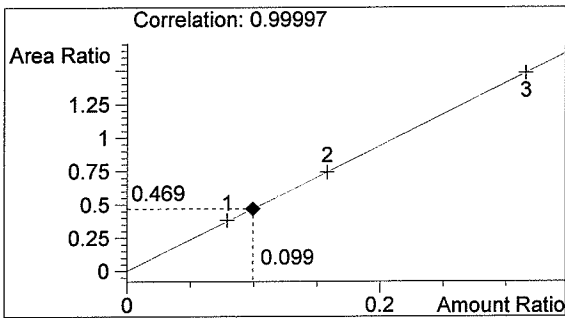
0.10 CONTROL-CJ  
 CHRIS JOHNSTON

vial # 36



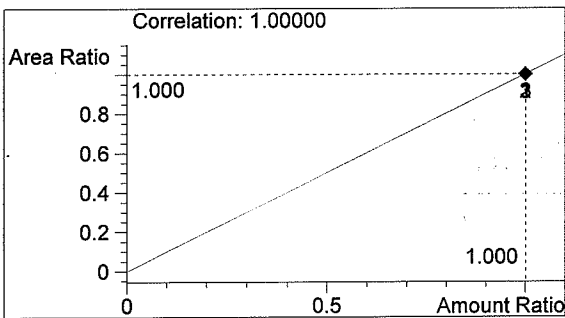
#	Compound	Area	RT
1	ETHANOL	819	1.065
2	n-PROPANOL	1746	1.826

Totals:



ETHANOL

0.099 g/100ml



n-PROPANOL

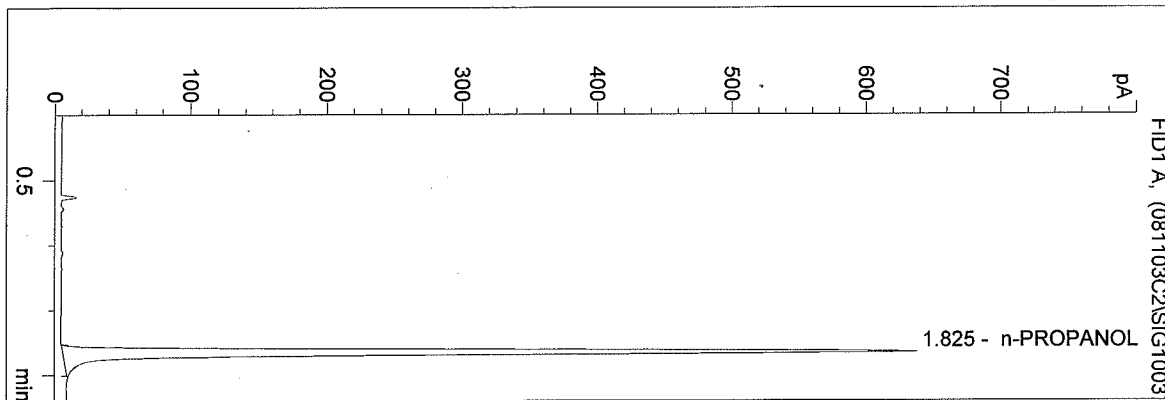
1.000 g/100ml

CJ

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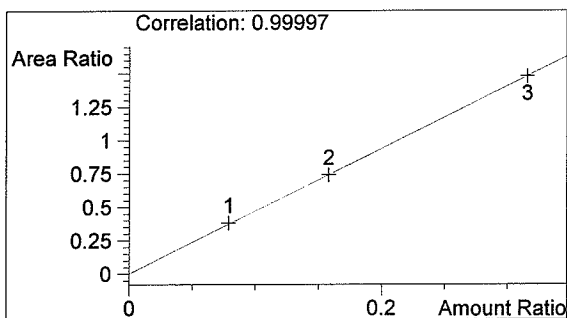
NEG CONTROL-CJ  
 CHRIS JOHNSTON

vial # 37



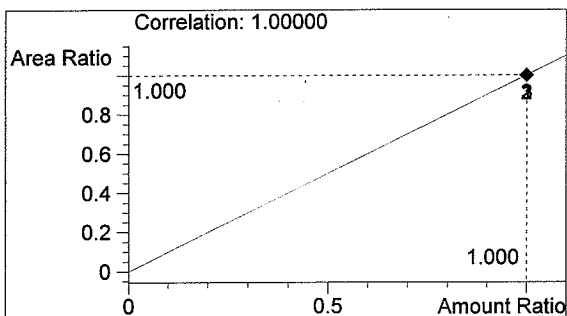
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1788	1.825

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

CJ

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11/4/2008 5:38:39 PM

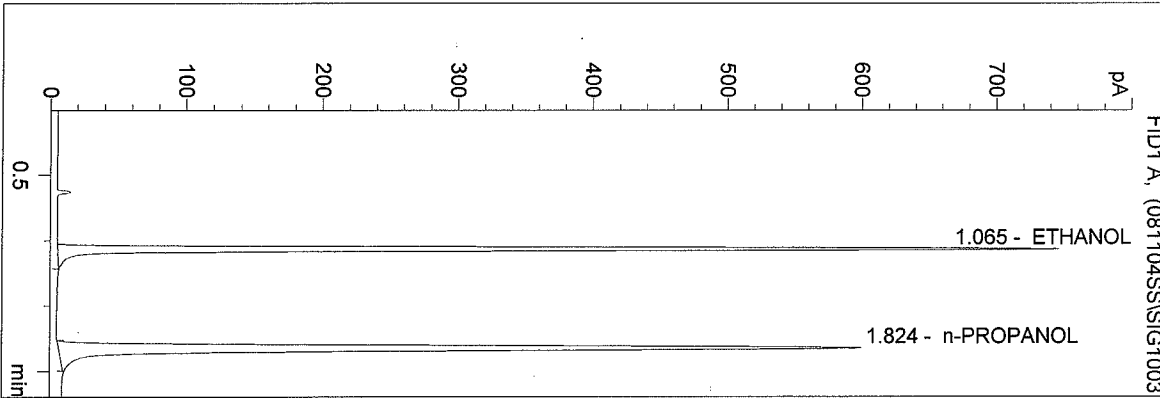
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db-alc2

08053 #1

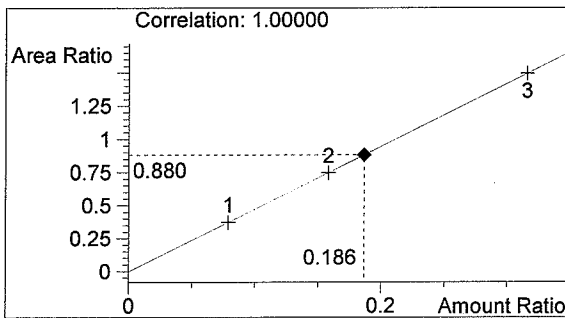
Sarah Swenson

vial # 31



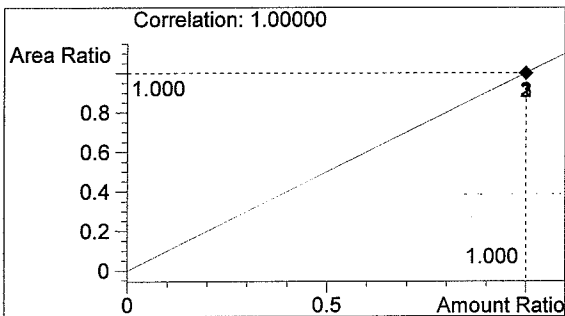
#	Compound	Area	RT
1	ETHANOL	1478	1.065
2	n-PROPANOL	1679	1.824

Totals:



ETHANOL

0.186 g/100ml



n-PROPANOL

1.000 g/100ml

SMS

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11/4/2008 5:41:46 PM

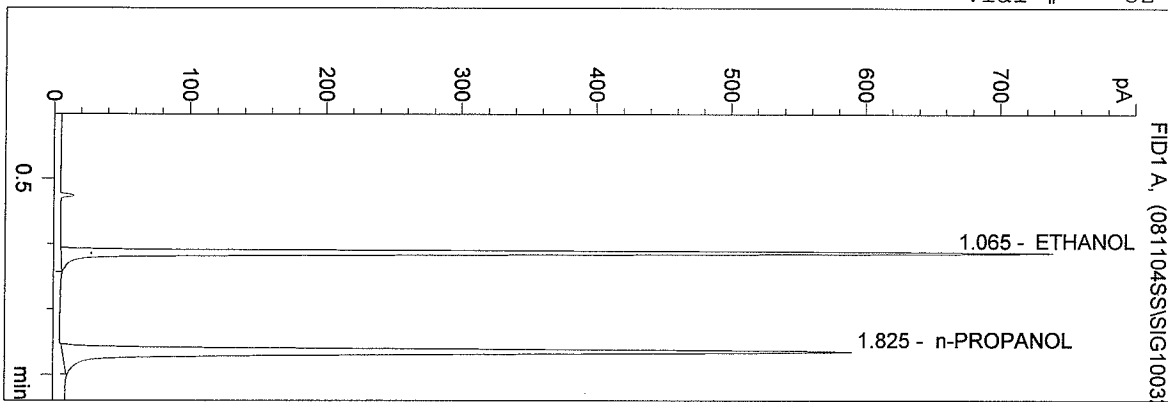
Instrument 3

db-alc2

08053 #2

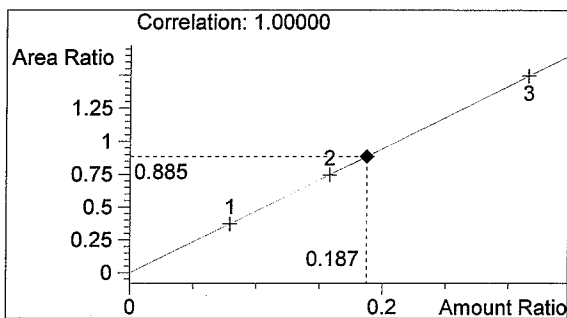
Sarah Swenson

vial # 32



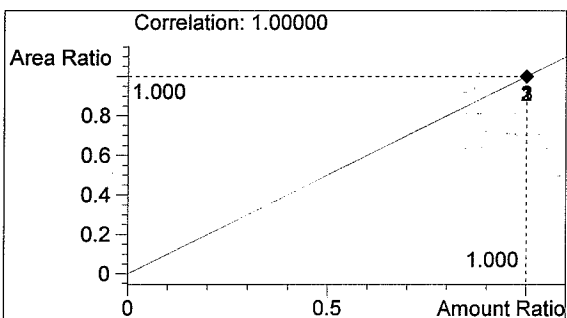
#	Compound	Area	RT
1	ETHANOL	1457	1.065
2	n-PROPANOL	1645	1.825

Totals:



ETHANOL

0.187 g/100ml



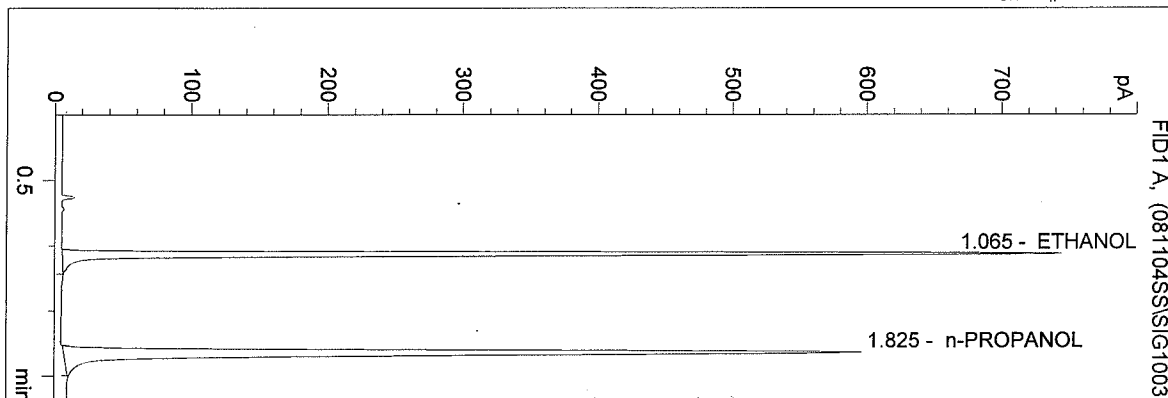
n-PROPANOL

1.000 g/100ml

SMS

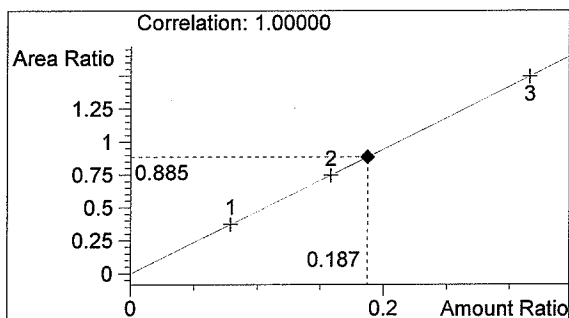
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 Instrument 3  
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08053 #3  
 Sarah Swenson  
 vial # 33



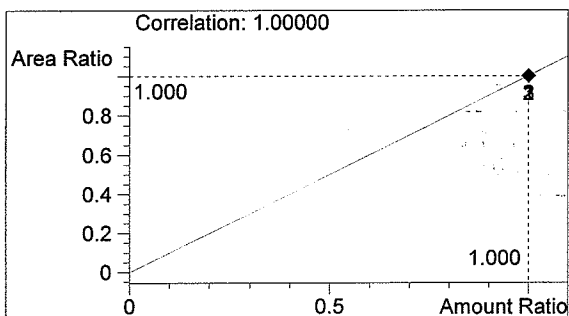
#	Compound	Area	RT
1	ETHANOL	1471	1.065
2	n-PROPANOL	1663	1.825

Totals:



ETHANOL

0.187 g/100ml



n-PROPANOL

1.000 g/100ml

SMS



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11/4/2008 5:48:00 PM

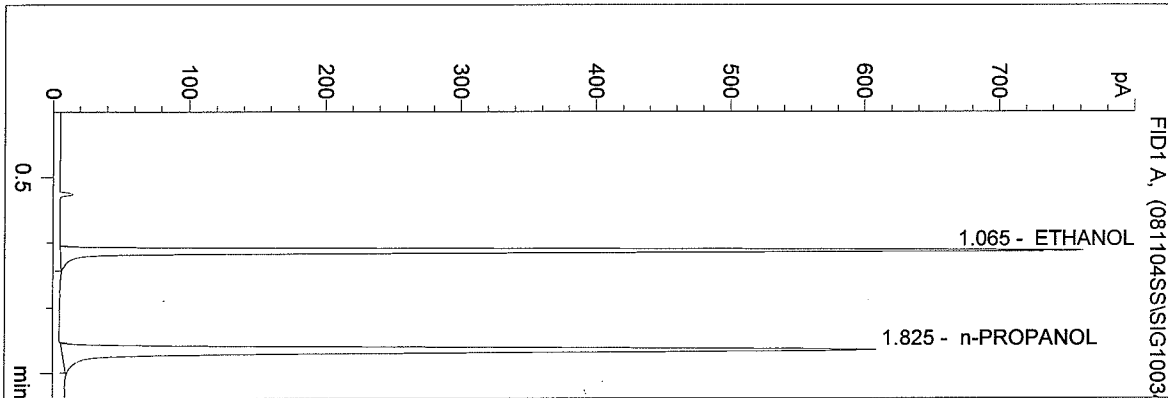
Instrument 3

db-alc2

08053 #4

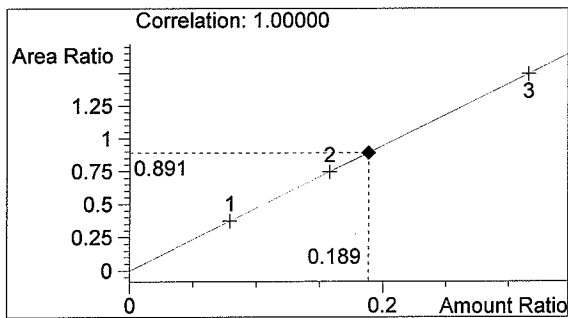
Sarah Swenson

vial # 34



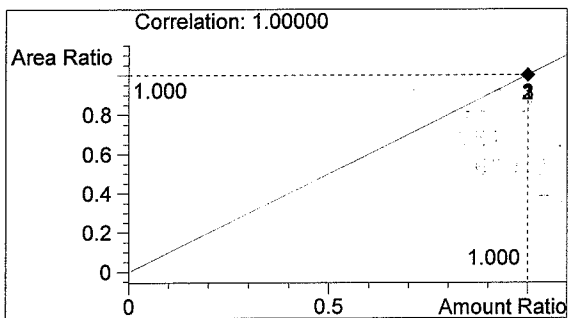
#	Compound	Area	RT
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2	n-PROPANOL	1699	1.825

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

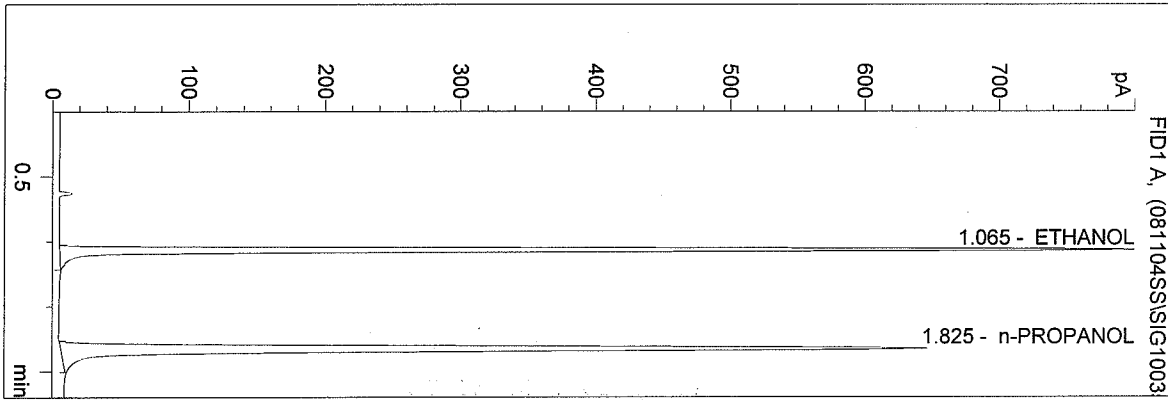
1.000 g/100ml

SJS

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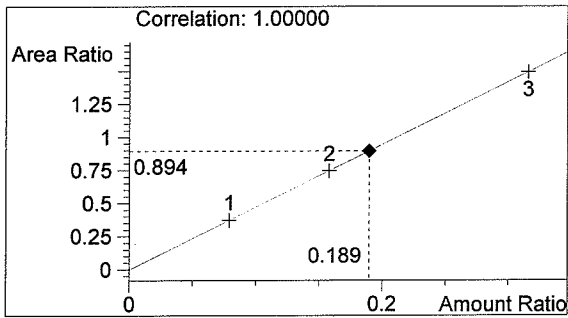
08053 #5  
 Sarah Swenson

vial # 35



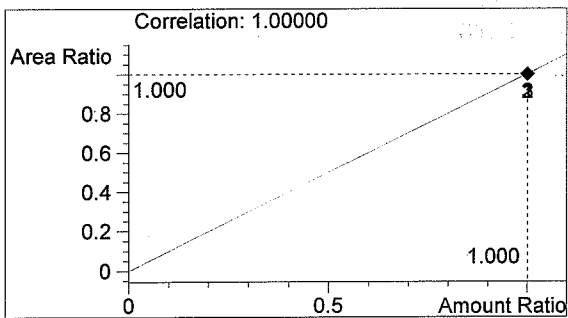
#	Compound	Area	RT
1	ETHANOL	1618	1.065
2	n-PROPANOL	1809	1.825

Totals:



ETHANOL

0.189 g/100ml



n-PROPANOL

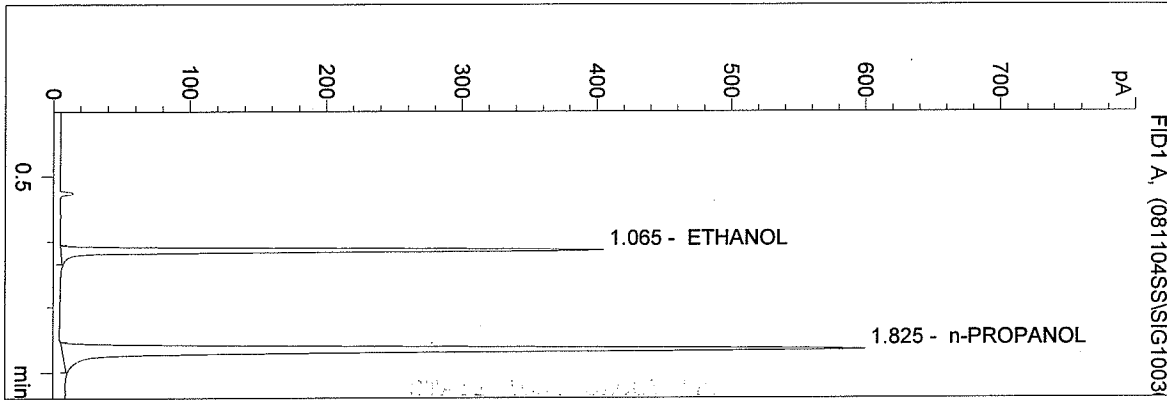
1.000 g/100ml

SMS

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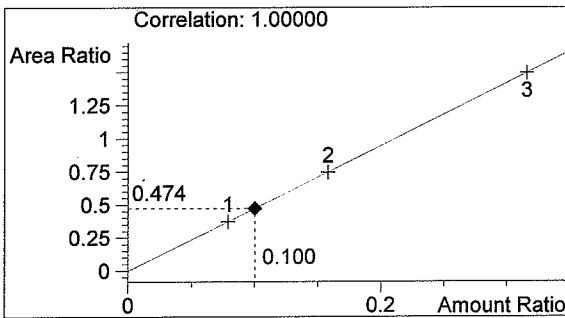
0.10 CONTROL-SS  
 Sarah Swenson

vial # 36



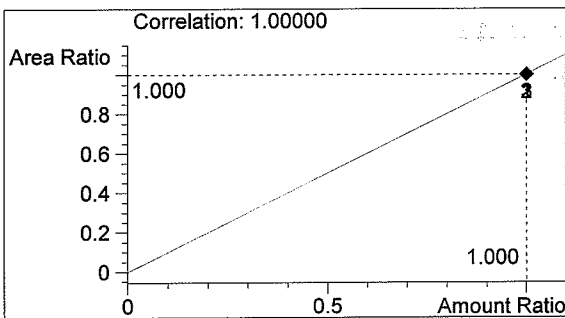
#	Compound	Area	RT
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2	n-PROPANOL	1673	1.825

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

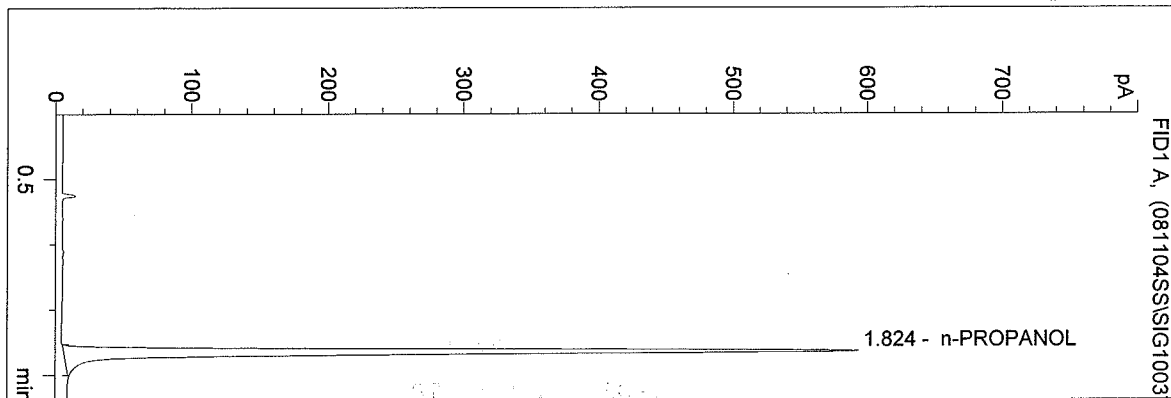
1.000 g/100ml

SIS

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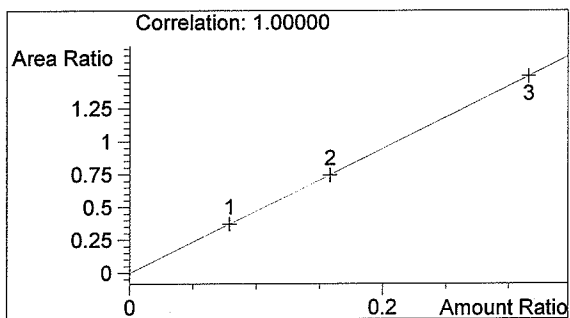
NEG CONTROL-SS  
 Sarah Swenson

vial # 37



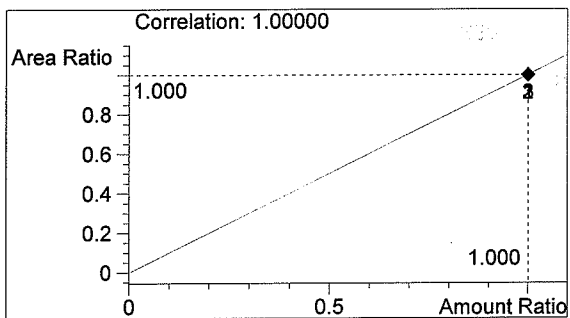
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1659	1.824

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

SMS

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11/7/2008 10:32:43 AM

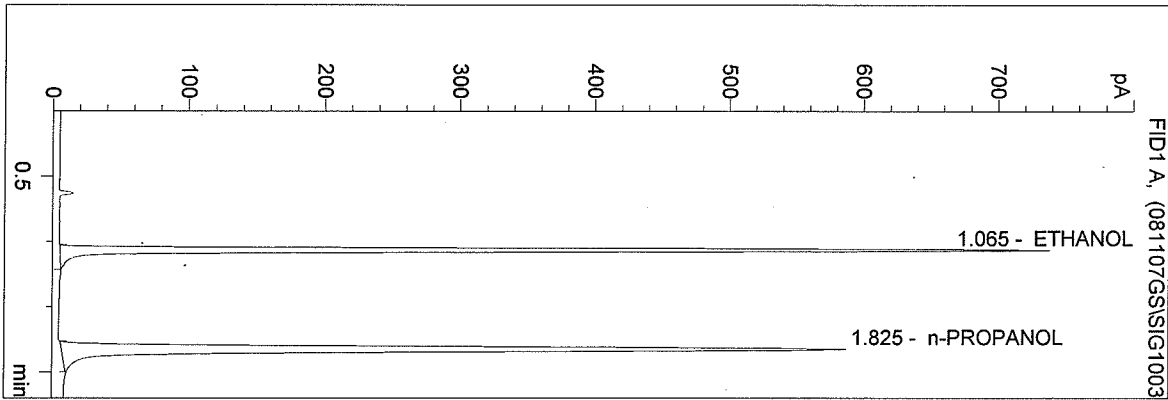
Instrument 3

db-alc2

08053 #1

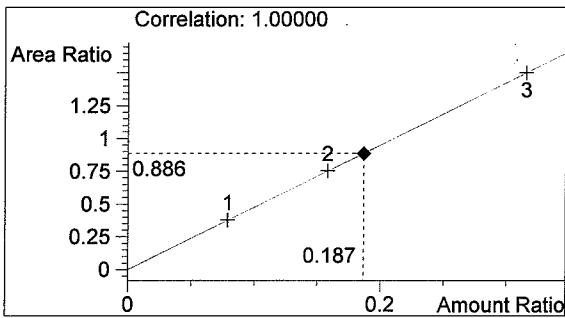
Gwynyth Scherperel

vial # 31



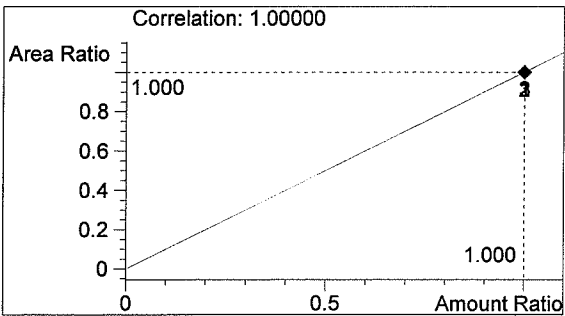
#	Compound	Area	RT
1	ETHANOL	1450	1.065
2	n-PROPANOL	1636	1.825

Totals:



ETHANOL

0.187 g/100ml



n-PROPANOL

1.000 g/100ml

GS

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11/7/2008 10:35:49 AM

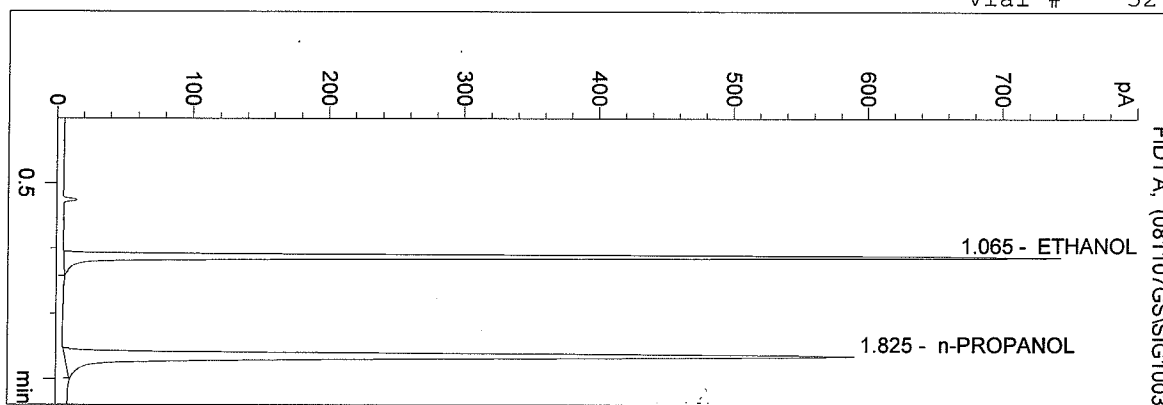
Instrument 3

db-alc2

08053 #2

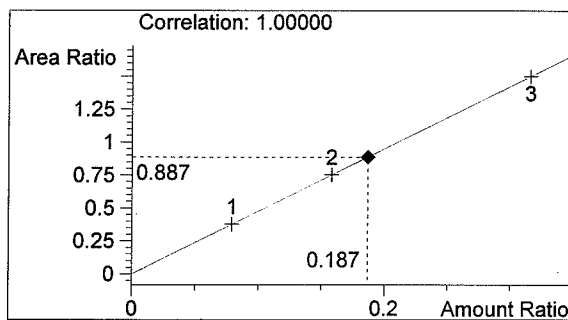
Gwynyth Scherperel

vial # 32



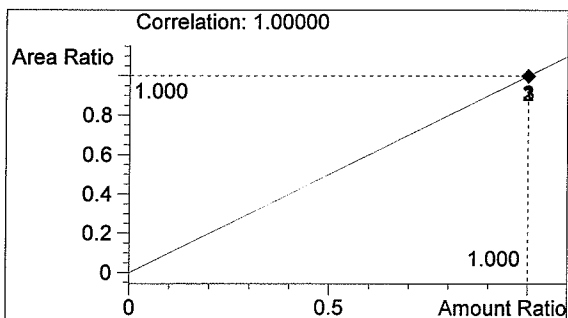
#	Compound	Area	RT
1	ETHANOL	1462	1.065
2	n-PROPANOL	1649	1.825

Totals:



ETHANOL

0.187 g/100ml



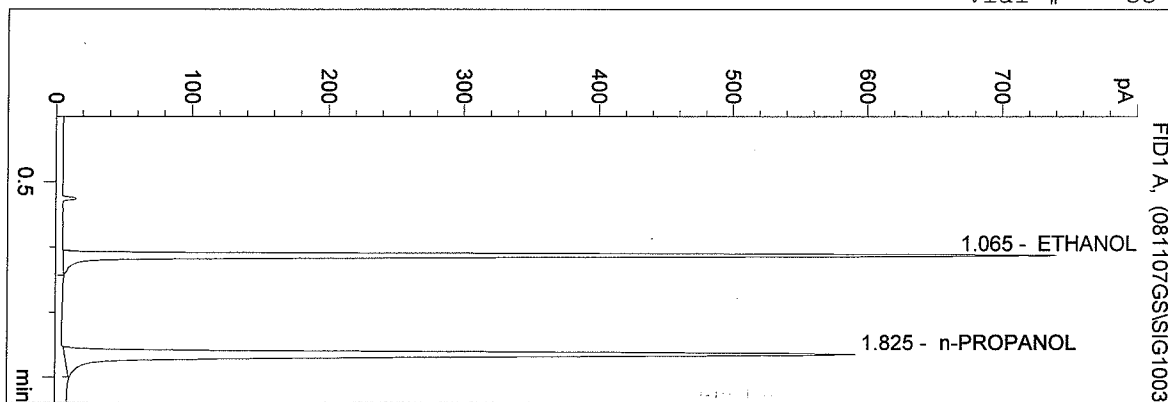
n-PROPANOL

1.000 g/100ml

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 11/7/2008 10:38:57 AM  
 Instrument 3  
 db-alc2

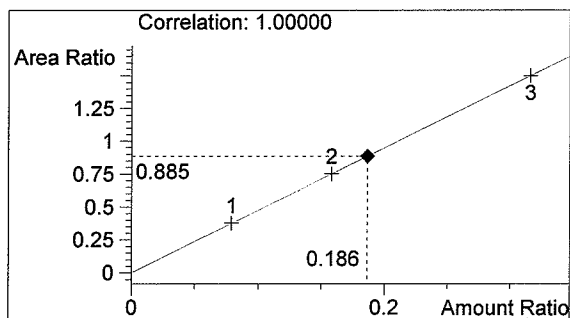
08053 #3  
 Gwynyth Scherperel

vial # 33



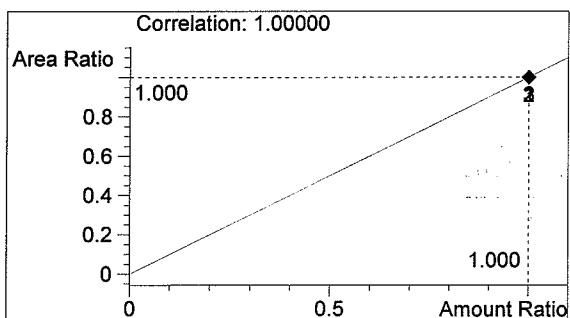
#	Compound	Area	RT
1	ETHANOL	1463	1.065
2	n-PROPANOL	1652	1.825

Totals:



ETHANOL

0.186 g/100ml



n-PROPANOL

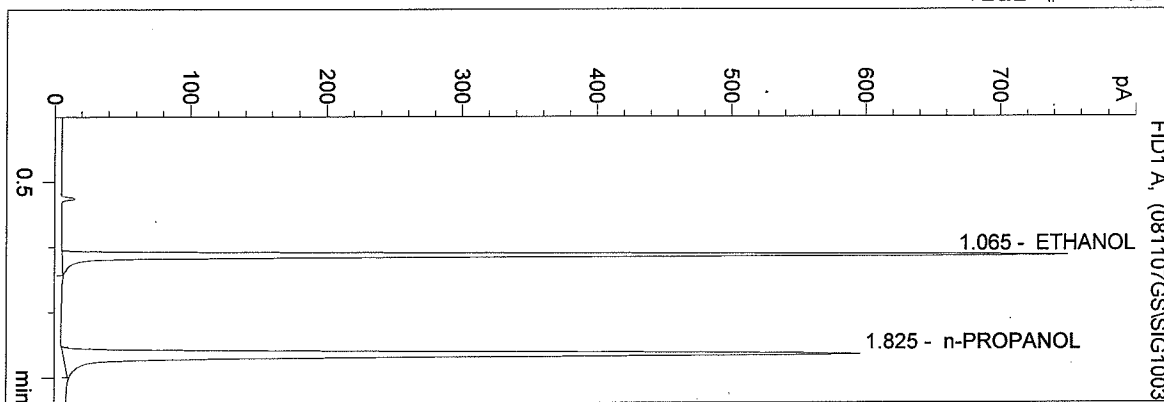
1.000 g/100ml

65

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 11/7/2008 10:42:04 AM  
 Instrument 3  
 db-alc2

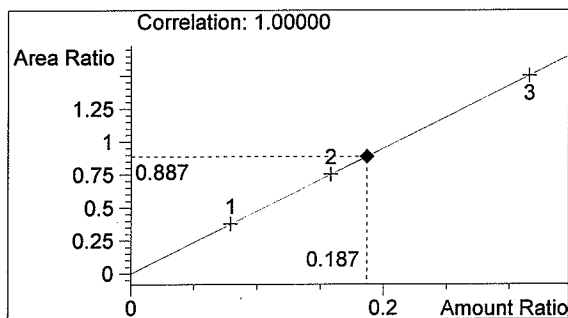
08053 #4  
 Gwynyth Scherperel

vial # 34



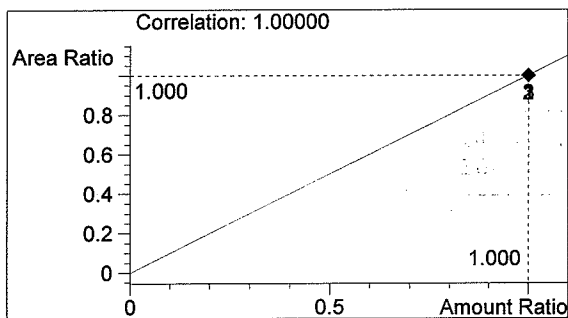
#	Compound	Area	RT
1	ETHANOL	1478	1.065
2	n-PROPANOL	1665	1.825

Totals:



ETHANOL

0.187 g/100ml



n-PROPANOL

1.000 g/100ml

GS



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11/7/2008 10:45:11 AM

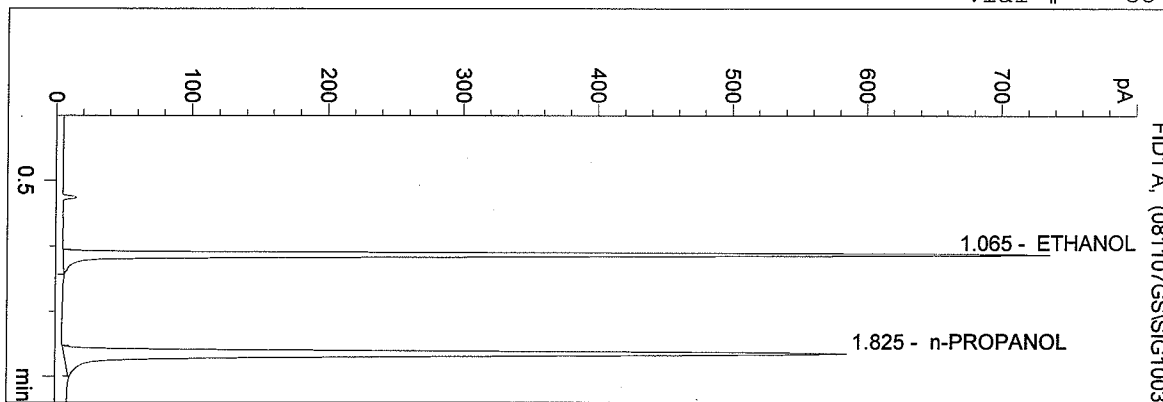
Instrument 3

db-alc2

08053 #5

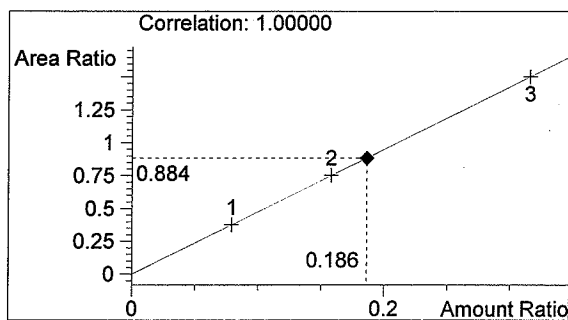
Gwynyth Scherperel

vial # 35



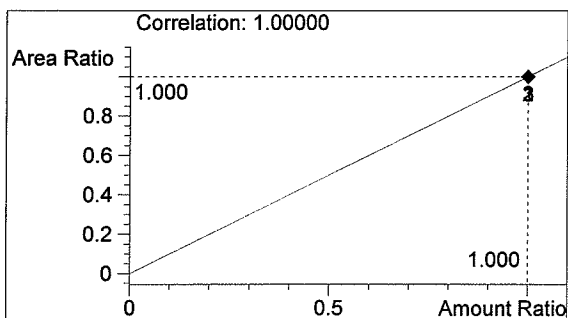
#	Compound	Area	RT
1	ETHANOL	1445	1.065
2	n-PROPANOL	1635	1.825

Totals:



ETHANOL

0.186 g/100ml



n-PROPANOL

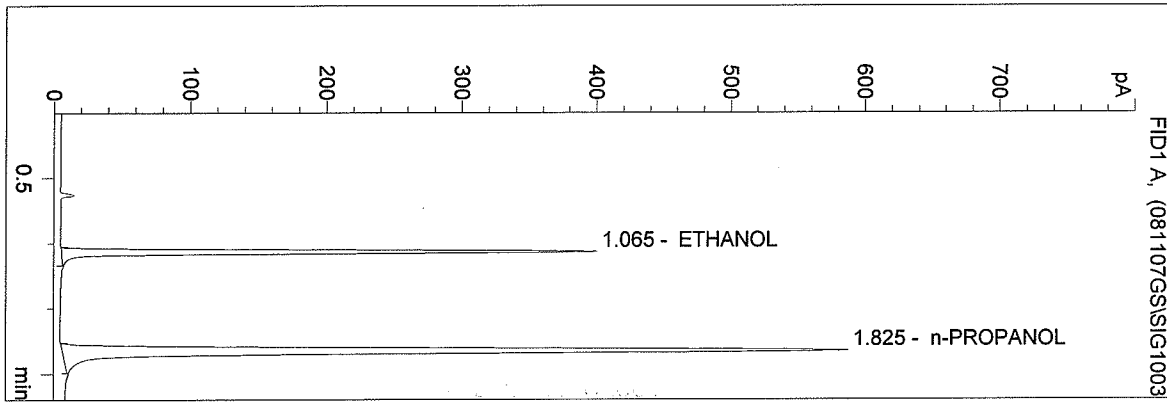
1.000 g/100ml

65

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 11/7/2008 10:48:19 AM  
 Instrument 3  
 db-alc2

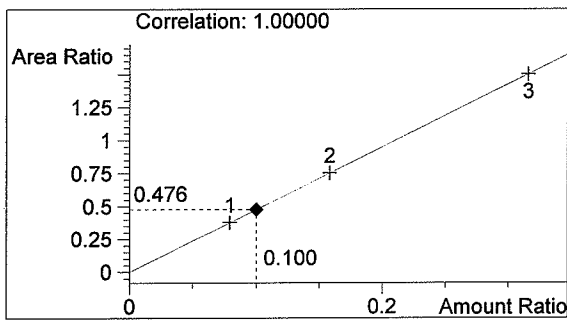
0.10 CONTROL-GS  
 Gwynyth Scherperel

vial # 36



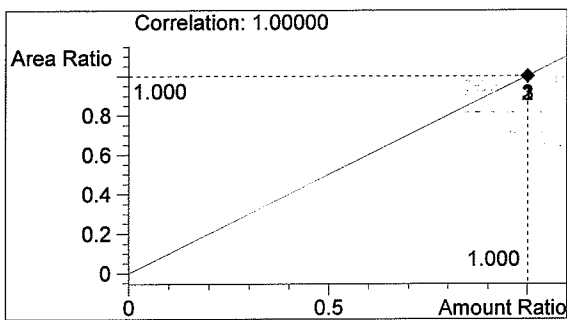
#	Compound	Area	RT
1	ETHANOL	780	1.065
2	n-PROPANOL	1639	1.825

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

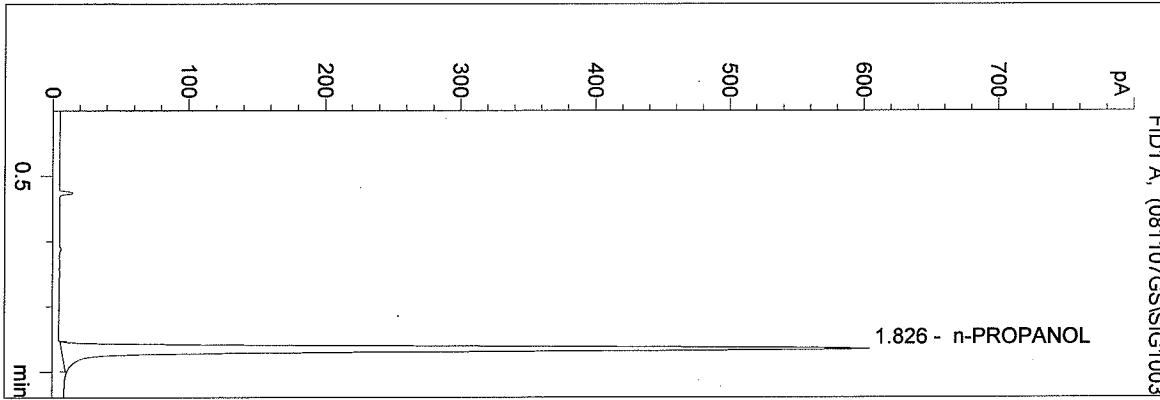
1.000 g/100ml

GS

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 11/7/2008 10:51:26 AM  
 Instrument 3  
 db-alc2

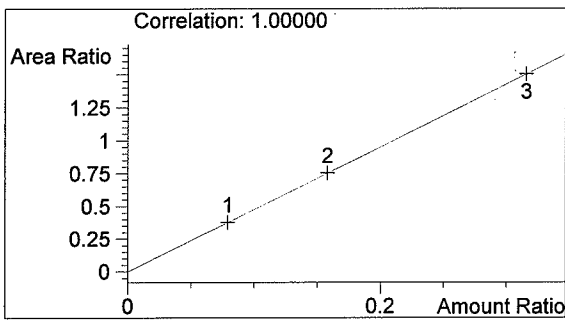
NEG CONTROL-GS  
 Gwynyth Scherperel

vial # 37



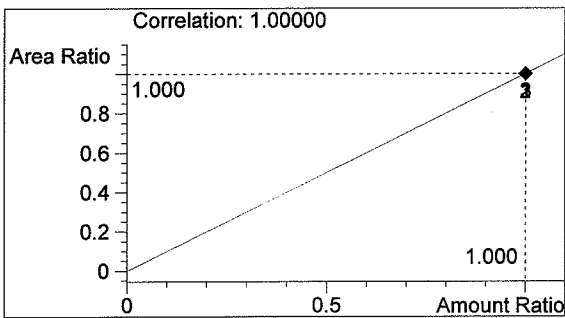
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1687	1.826

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

65