

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: DENTON / GULLBERG Date: 1/22/2009

Location: SEATTLE TOX LAB Solution Batch Number: 09004

	YES	NO	N/A
Analysis dates do not precede preparation date:	<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 present: (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: 
Reviewer Signature: 

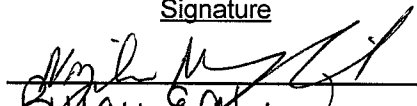
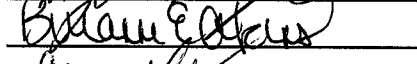

Date: 1-22-2009
Date: 1/22/2009

WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
QAP Solution Calibration Certificate

Batch Number: 09004 Target Vapor Concentration: 0.10 g/210L
 Prepared By: Naziha Nuwayhid Date Prepared: 1/9/2009


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

	NN	BEA	CSJ
1	0.124	0.124	0.123
2	0.123	0.122	0.123
3	0.124	0.123	0.123
4	0.124	0.123	0.123
5	0.124	0.123	0.124
C	0.100	0.094	0.100

<u>Analyst</u>	<u>Name</u>	<u>Signature</u>	<u>Date Tested</u>
NN	Naziha Nuwayhid		1/15/2009
BEA	Brianne E. Akins		1/14/2009
CSJ	Christopher S. Johnston		1/14/2009

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

Statistics:			
Avg. Solution Conc.	0.1233	g/100mL	Precision CV (%) 0.50
Std. Deviation (SD)	0.00062		Number of Tests (N) 15
Range (3.8xSD)	0.1210	to 0.1257	Equivalent Vapor Conc. 0.1003 g/210L

Final Review by:  Review/Issue Date: 1-23-09

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	BBA	1-22-09
Brittany Ball		
Christie Mitchell		
Christopher Johnston	CJ	1-22-09
Estuardo Miranda		
Gwynyth Scherperel		
Justin Knoy		
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid	NN	1.22.09
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 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 09004**

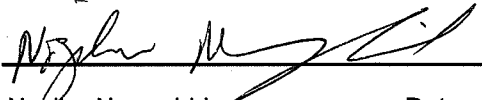
I, Naziha Nuwayhid, do certify under penalty of perjury that:

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 09004, was prepared in the Washington State Toxicology Laboratory on 1/9/2009. 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 1/9/2010.

Seattle, WA



Naziha Nuwayhid 1.22.09
Forensic Toxicologist Date

NN/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 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 09004**

I, Brianne E. Akins, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and MS degree in Veterinary Medical Sciences.

The qap solution, Lot Number 09004, was prepared in the Washington State Toxicology Laboratory on 1/9/2009. 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 1/9/2010.

Seattle, WA

 1-22-09

Brianne E. Akins

Date

Forensic Toxicologist

BEA/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 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 09004**


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 09004, was prepared in the Washington State Toxicology Laboratory on 1/9/2009. 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 1/9/2010.

Seattle, WA

 1.22.09

Christopher S. Johnston
Forensic Toxicologist

Date

CSJ/ik



Sequence Parameters:

Operator: Naziha Nuwayhid, PhD
 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: 090115NN
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:
 0.04 Control - Lot # A061507 - exp 11/2012
 0.10 Control - Lot # A059621 - exp 08/2012
 0.20 Control - Lot # A056773 - exp 03/2012

The 0.10 g/100 mL control analyzed in vial location 15 produced a null response. The five replicates of QAP lot # 09002 preceding that control will be re-sampled and re-tested. All other results within this batch are acceptable and approved.
[Signature] (Quality Assurance Manager - TLID)
 1-16-09

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-1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL-2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL-3	SIMALC	1	Calib		
5	Vial 5	Neg Control NN	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 Control NN	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 Control NN	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 Control NN	SIMALC	1	Ctrl Samp		
9	Vial 9	Neg Control NN	SIMALC	1	Ctrl Samp		
10	Vial 10	QAP 09002-1	SIMALC	1	Sample		
11	Vial 11	QAP 09002-2	SIMALC	1	Sample		
12	Vial 12	QAP 09002-3	SIMALC	1	Sample		
13	Vial 13	QAP 09002-4	SIMALC	1	Sample		
14	Vial 14	QAP 09002-5	SIMALC	1	Sample		
15	Vial 15	0.10 Control NN	SIMALC	1	Ctrl Samp		
16	Vial 16	Neg Control NN	SIMALC	1	Ctrl Samp		
17	Vial 17	QAP 09003-1	SIMALC	1	Sample		
18	Vial 18	QAP 09003-2	SIMALC	1	Sample		
19	Vial 19	QAP 09003-3	SIMALC	1	Sample		
20	Vial 20	QAP 09003-4	SIMALC	1	Sample		
21	Vial 21	QAP 09003-5	SIMALC	1	Sample		
22	Vial 22	0.10 Control NN	SIMALC	1	Ctrl Samp		
23	Vial 23	Neg Control NN	SIMALC	1	Ctrl Samp		
24	Vial 24	QAP 09004-1	SIMALC	1	Sample		
25	Vial 25	QAP 09004-2	SIMALC	1	Sample		
26	Vial 26	QAP 09004-3	SIMALC	1	Sample		
27	Vial 27	QAP 09004-4	SIMALC	1	Sample		
28	Vial 28	QAP 09004-5	SIMALC	1	Sample		
29	Vial 29	0.10 Control NN	SIMALC	1	Ctrl Samp		
30	Vial 30	Neg Control NN	SIMALC	1	Ctrl Samp		
31	Vial 31	QAP 09005-1	SIMALC	1	Sample		
32	Vial 32	QAP 09005-2	SIMALC	1	Sample		

original chromatograms are stored in QAP 9002³ folder 1.16.09 NN

NN

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QAP 09005-3	SIMALC	1	Sample		
34	Vial 34	QAP 09005-4	SIMALC	1	Sample		
35	Vial 35	QAP 09005- 4 ^{NS} NN 1.16	SIMALC	1	Sample		
36	Vial 36	0.10 Control NN ^{ca}	SIMALC	1	Ctrl Samp		
37	Vial 37	Neg Control NN	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

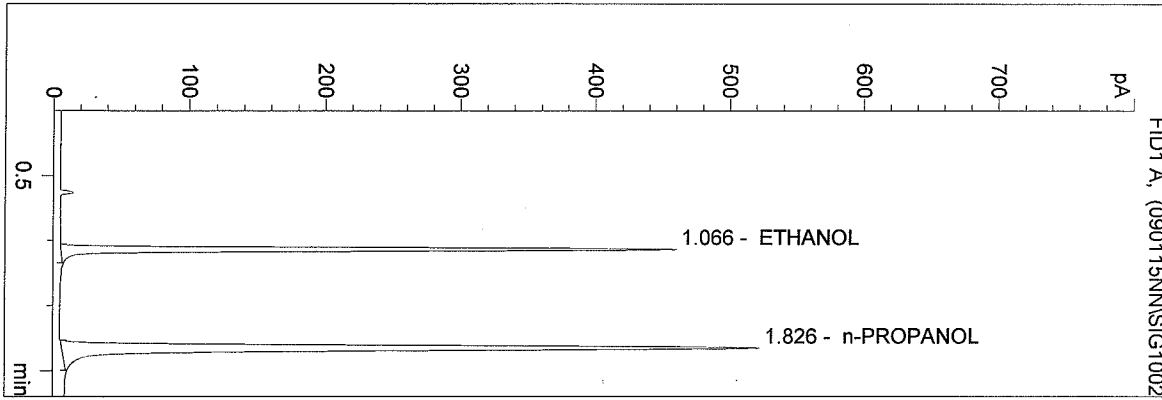
No entries - empty table!

ND

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 1/15/2009 3:57:07 PM
 Instrument 3
 db-alc2

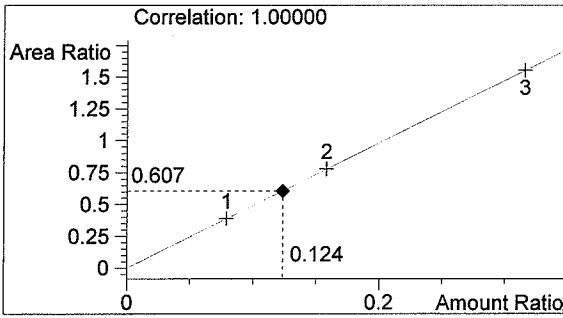
QAP 09004-1
 Naziha Nuwayhid, PhD

vial # 24



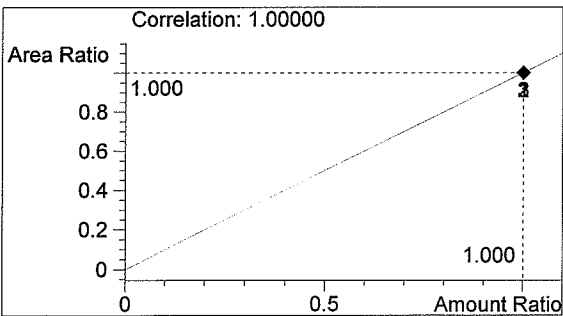
#	Compound	Area	RT
1	ETHANOL	885	1.066
2	n-PROPANOL	1457	1.826

Totals:



ETHANOL

0.124 g/100ml



n-PROPANOL

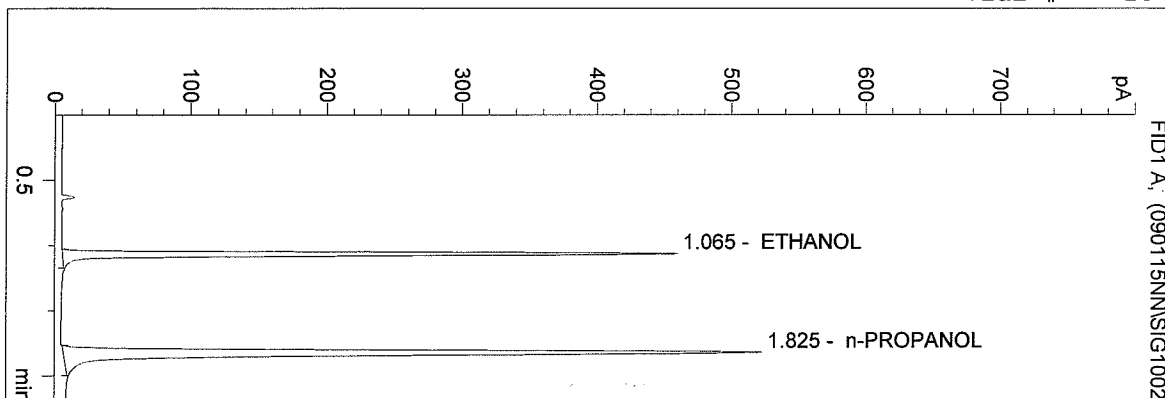
1.000 g/100ml

NW

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 1/15/2009 4:00:14 PM
 Instrument 3
 db-alc2

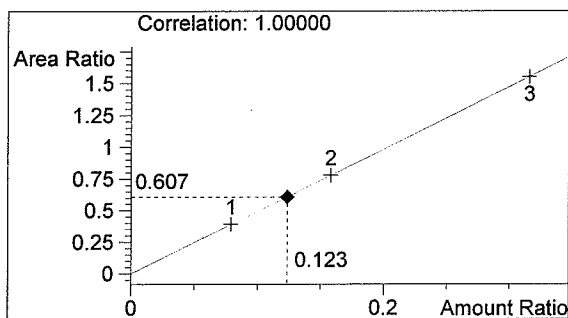
QAP 09004-2
 Naziha Nuwayhid, PhD

vial # 25



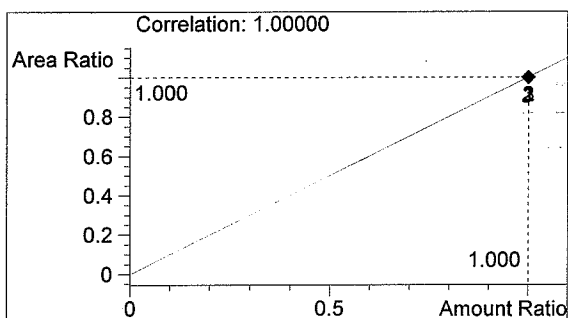
#	Compound	Area	RT
1	ETHANOL	888	1.065
2	n-PROPANOL	1462	1.825

Totals:



ETHANOL

0.123 g/100ml



n-PROPANOL

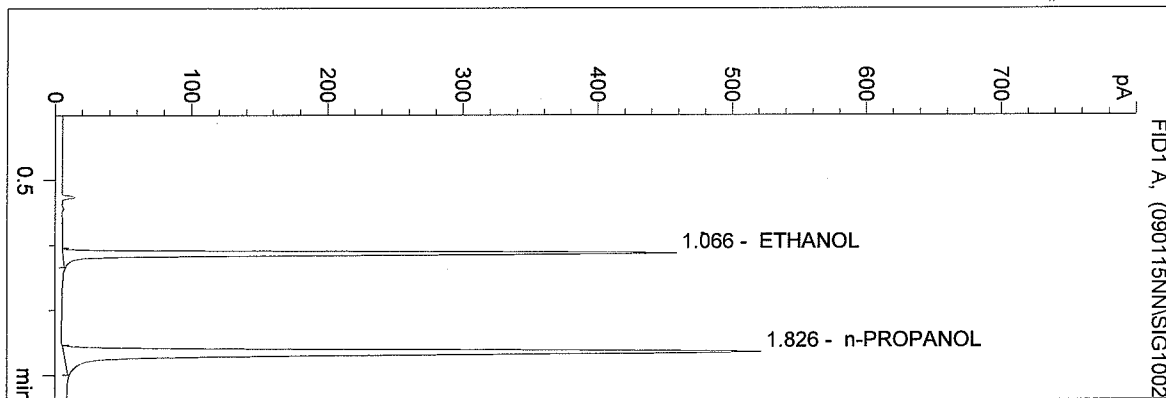
1.000 g/100ml

NW

C:\HPCHEM\2\METHODS\SIMALC.M
 1/15/2009 4:03:21 PM
 Instrument 3
 db-alc2

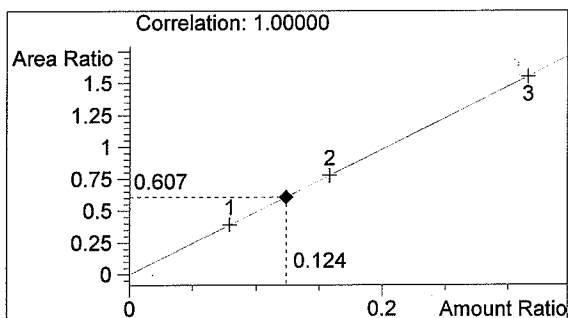
QAP 09004-3
 Naziha Nuwayhid, PhD

vial # 26



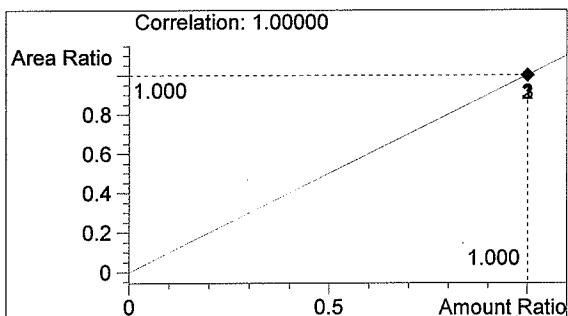
#	Compound	Area	RT
1	ETHANOL	887	1.066
2	n-PROPANOL	1460	1.826

Totals:



ETHANOL

0.124 g/100ml



n-PROPANOL

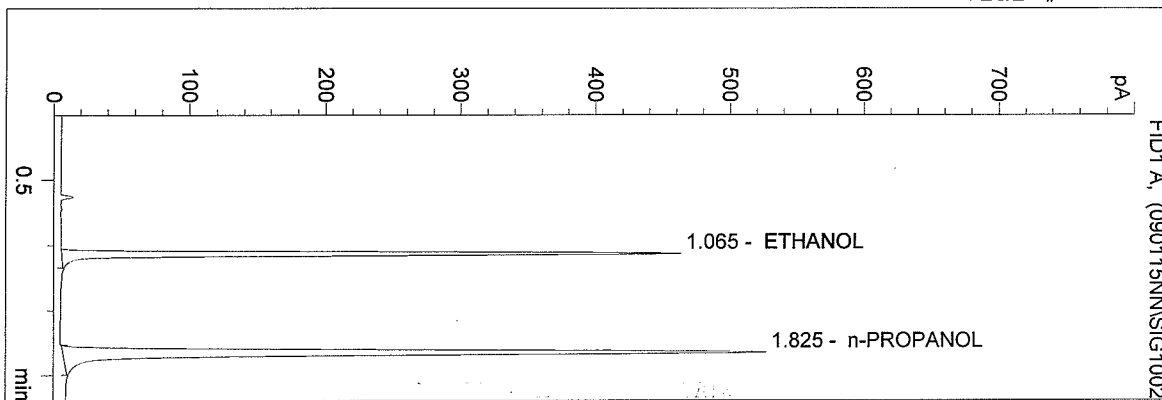
1.000 g/100ml

W

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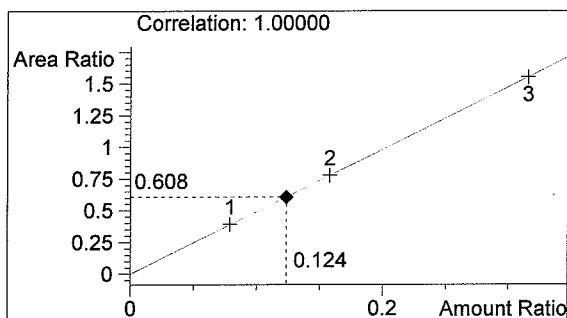
QAP 09004-4
 Naziha Nuwayhid, PhD

vial # 27

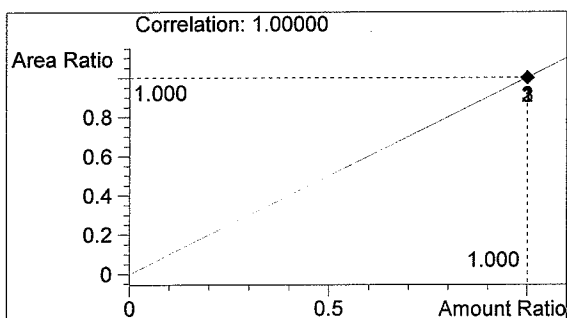


#	Compound	Area	RT
1	ETHANOL	893	1.065
2	n-PROPANOL	1469	1.825

Totals:



0.124 g/100ml



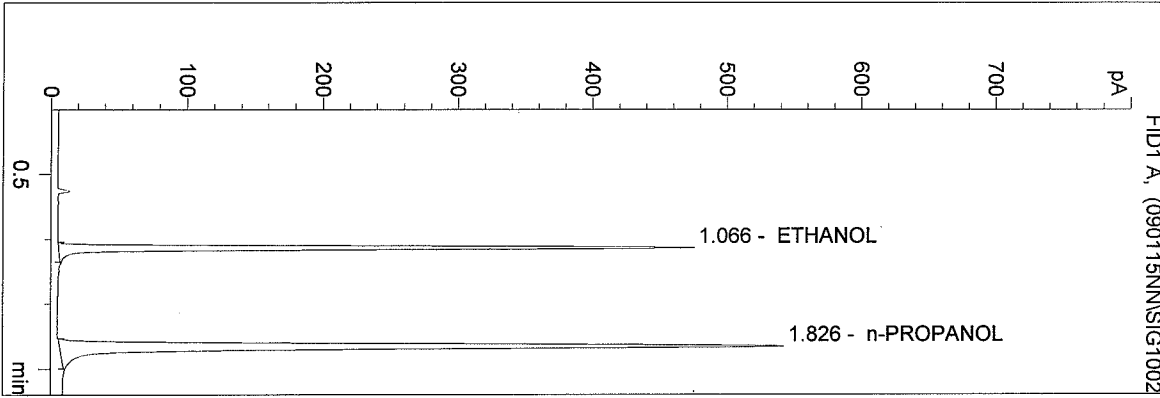
1.000 g/100ml

UV

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 1/15/2009 4:09:36 PM
 Instrument 3
 db-alc2

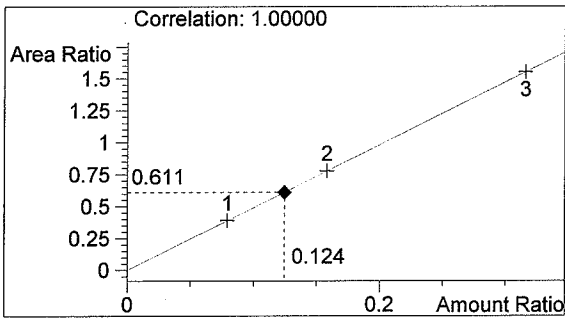
QAP 09004-5
 Naziha Nuwayhid, PhD

vial # 28



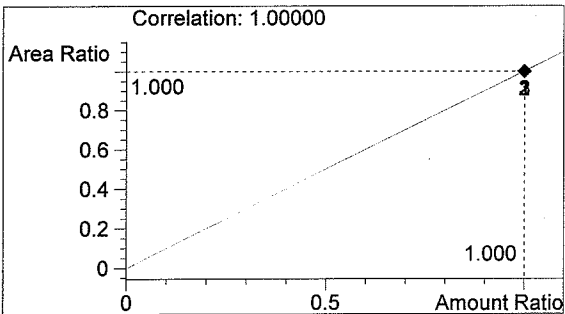
#	Compound	Area	RT
1	ETHANOL	926	1.066
2	n-PROPANOL	1516	1.826

Totals:



ETHANOL

0.124 g/100ml



n-PROPANOL

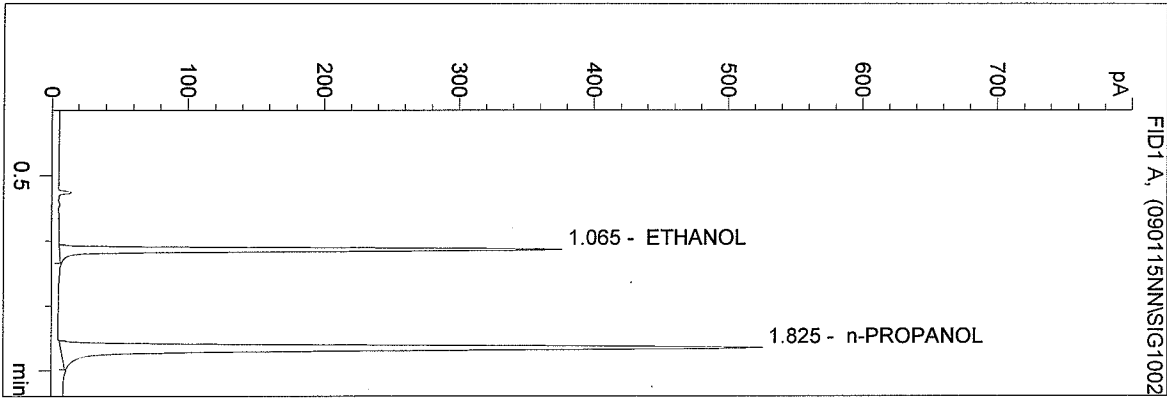
1.000 g/100ml

NW

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 Instrument 3
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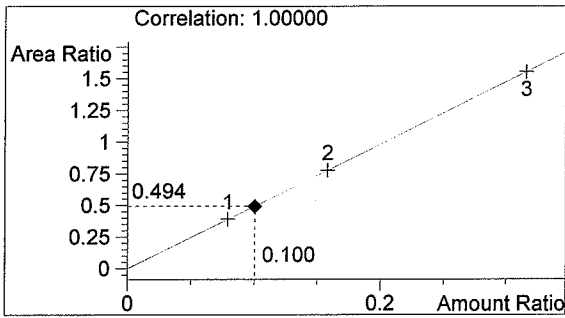
0.10 Control NN
 Naziha Nuwayhid, PhD

vial # 29



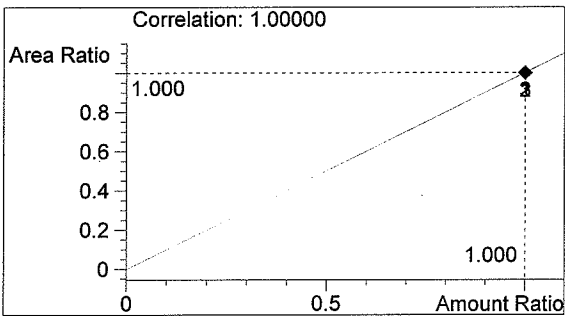
#	Compound	Area	RT
1	ETHANOL	724	1.065
2	n-PROPANOL	1467	1.825

Totals:



ETHANOL

0.100 g/100ml



n-PROPANOL

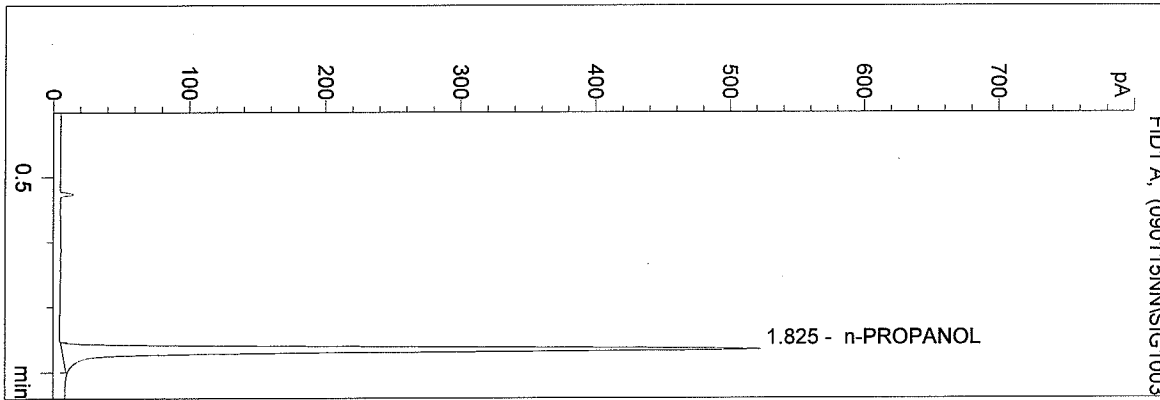
1.000 g/100ml

mm

C:\HPCHEM\2\METHODS\SIMALC.M
 1/15/2009 4:15:50 PM
 Instrument 3
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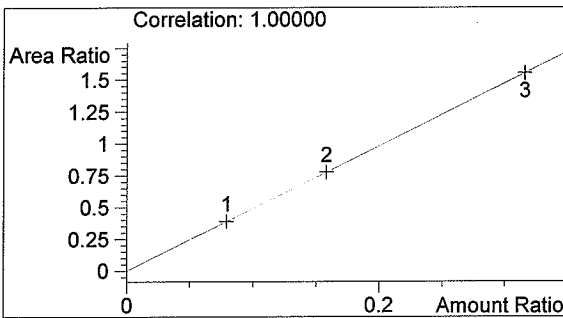
Neg Control NN
 Naziha Nuwayhid, PhD

vial # 30



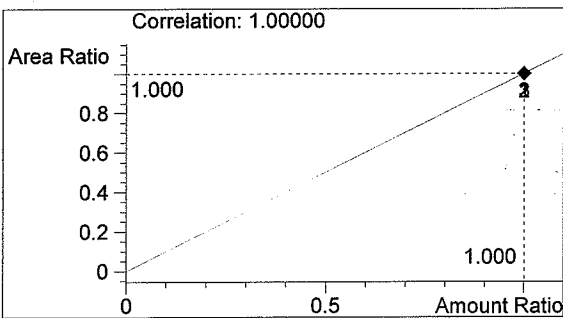
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1464	1.825

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

NU

Sequence Parameters:

Operator: Brianne E. Akins

Data File Naming: Prefix/Counter

Signal 1 Prefix: SIG1
Counter: 0001

Signal 2 Prefix: SIG2
Counter: 0001

Data Directory: C:\HPCHEM\2\DATA\
Data Subdirectory: 090114B2

Part of Methods to run: According to Runtime Checklist

Barcode Reader: not used

Shutdown Cmd/Macro: none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A059621 - exp 08/2012
0.20 Control - Lot # A056773 - exp 03/2012

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 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-BA	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BA	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
10	Vial 10	QAP0.04 09002 #1	SIMALC	1	Sample		
11	Vial 11	QAP0.04 09002 #2	SIMALC	1	Sample		
12	Vial 12	QAP0.04 09002 #3	SIMALC	1	Sample		
13	Vial 13	QAP0.04 09002 #4	SIMALC	1	Sample		
14	Vial 14	QAP0.04 09002 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
17	Vial 17	QAP0.08 09003 #1	SIMALC	1	Sample		
18	Vial 18	QAP0.08 09003 #2	SIMALC	1	Sample		
19	Vial 19	QAP0.08 09003 #3	SIMALC	1	Sample		
20	Vial 20	QAP0.08 09003 #4	SIMALC	1	Sample		
21	Vial 21	QAP0.08 09003 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
24	Vial 24	QAP0.10 09004 #1	SIMALC	1	Sample		
25	Vial 25	QAP0.10 09004 #2	SIMALC	1	Sample		
26	Vial 26	QAP0.10 09004 #3	SIMALC	1	Sample		
27	Vial 27	QAP0.10 09004 #4	SIMALC	1	Sample		
28	Vial 28	QAP0.10 09004 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
31	Vial 31	QAP0.15 09005 #1	SIMALC	1	Sample		
32	Vial 32	QAP0.15 09005 #2	SIMALC	1	Sample		

BA

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QAP0.15 09005 #3	SIMALC	1	Sample		
34	Vial 34	QAP0.15 09005 #4	SIMALC	1	Sample		
35	Vial 35	QAP0.15 09005 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

BA

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

1/14/2009 2:11:04 PM

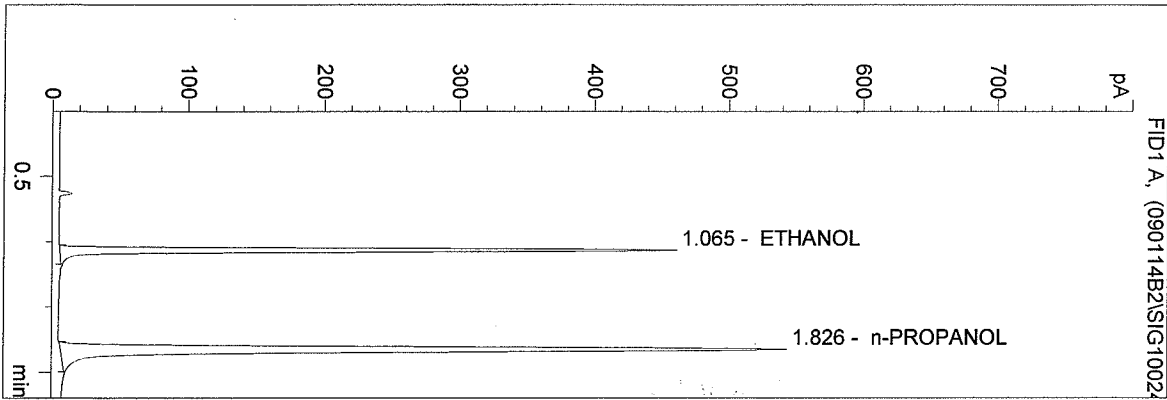
Instrument 3

db-alc2

QAP0.10 09004 #1

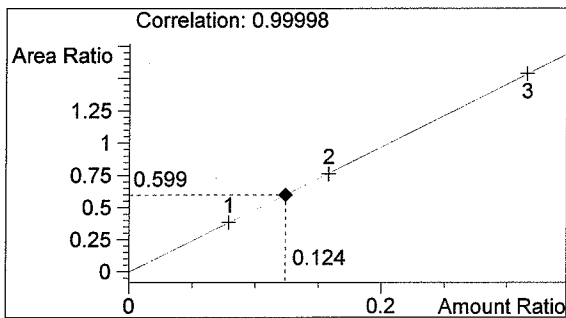
Brianne E. Akins

vial # 24



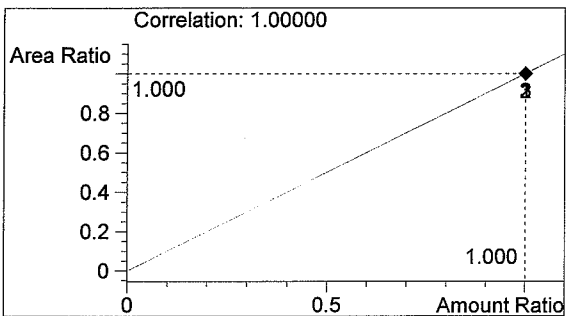
#	Compound	Area	RT
1	ETHANOL	910	1.065
2	n-PROPANOL	1520	1.826

Totals:



ETHANOL

0.124 g/100ml



n-PROPANOL

1.000 g/100ml

BEA

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

1/14/2009 2:14:11 PM

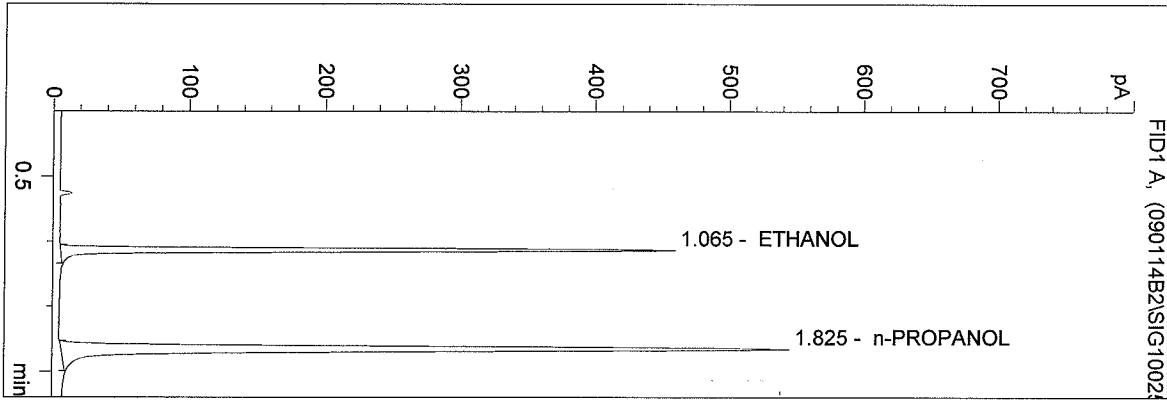
Instrument 3

db-alc2

QAP0.10 09004 #2

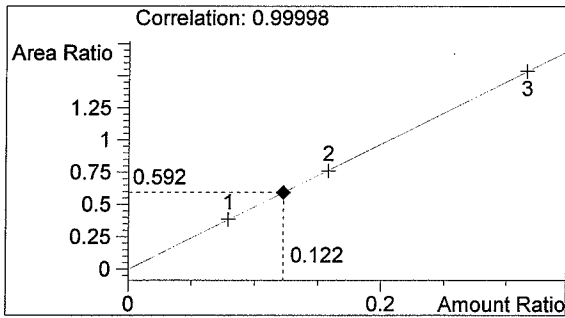
Brianne E. Akins

vial # 25



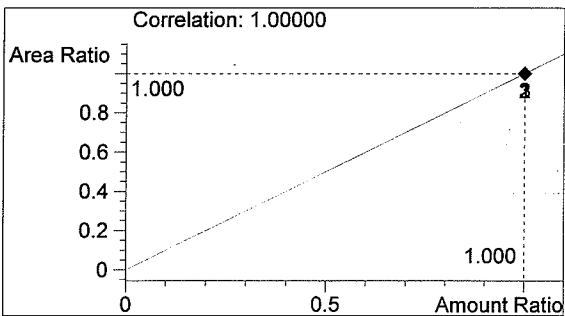
#	Compound	Area	RT
1	ETHANOL	901	1.065
2	n-PROPANOL	1522	1.825

Totals:



ETHANOL

0.122 g/100ml



n-PROPANOL

1.000 g/100ml

Ba

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

1/14/2009 2:17:18 PM

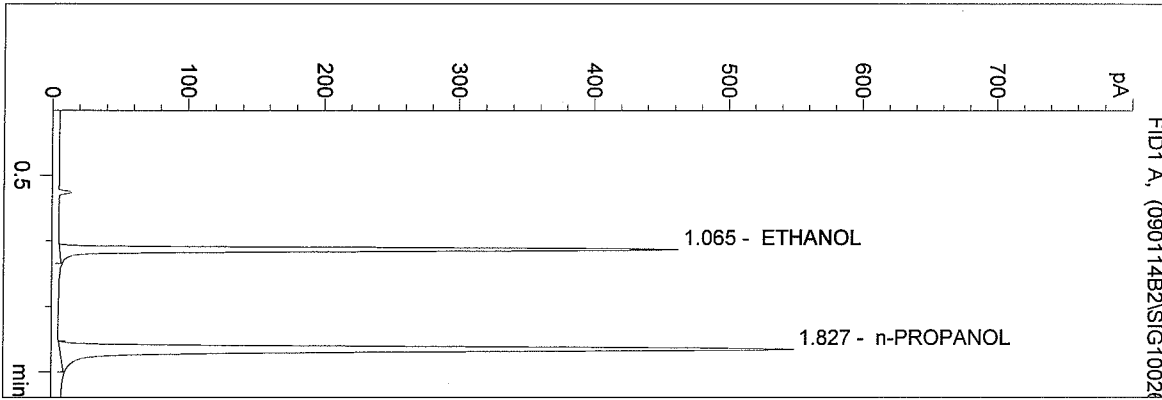
Instrument 3

db-alc2

QAP0.10 09004 #3

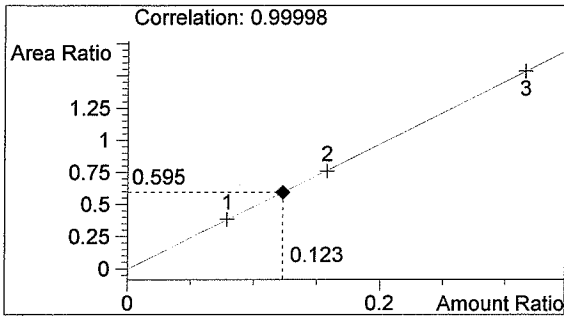
Brianne E. Akins

vial # 26



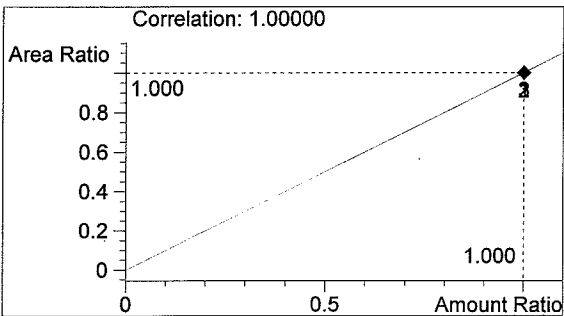
#	Compound	Area	RT
1	ETHANOL	917	1.065
2	n-PROPANOL	1540	1.827

Totals:



ETHANOL

0.123 g/100ml



n-PROPANOL

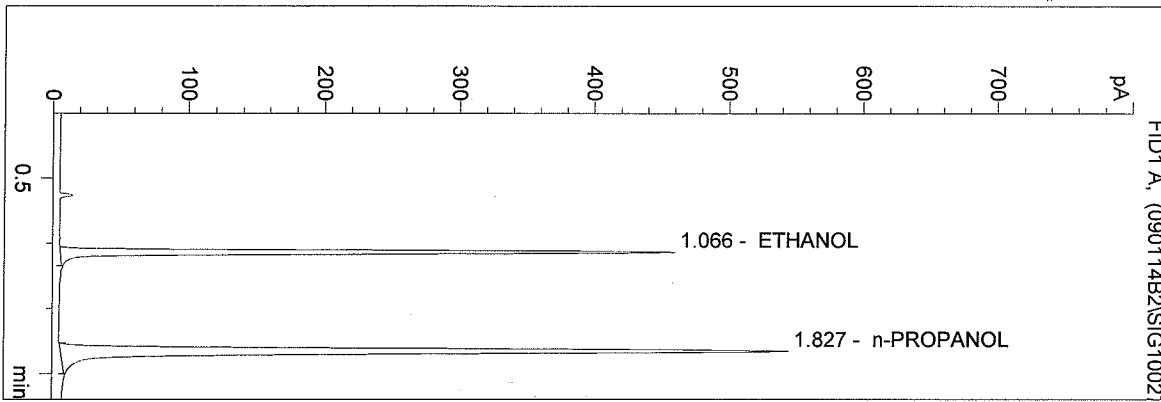
1.000 g/100ml

Baa

C:\HPCHEM\2\METHODS\SIMALC.M
 1/14/2009 2:20:26 PM
 Instrument 3
 db-alc2

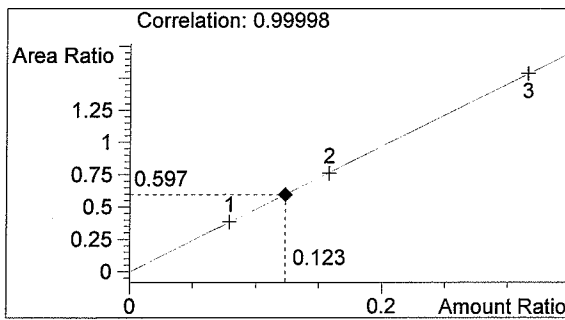
QAP0.10 09004 #4
 Brianne E. Akins

vial # 27



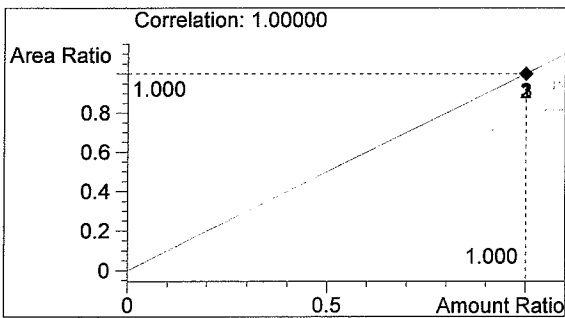
#	Compound	Area	RT
1	ETHANOL	913	1.066
2	n-PROPANOL	1530	1.827

Totals:



ETHANOL

0.123 g/100ml



n-PROPANOL

1.000 g/100ml

Bea

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

1/14/2009 2:23:33 PM

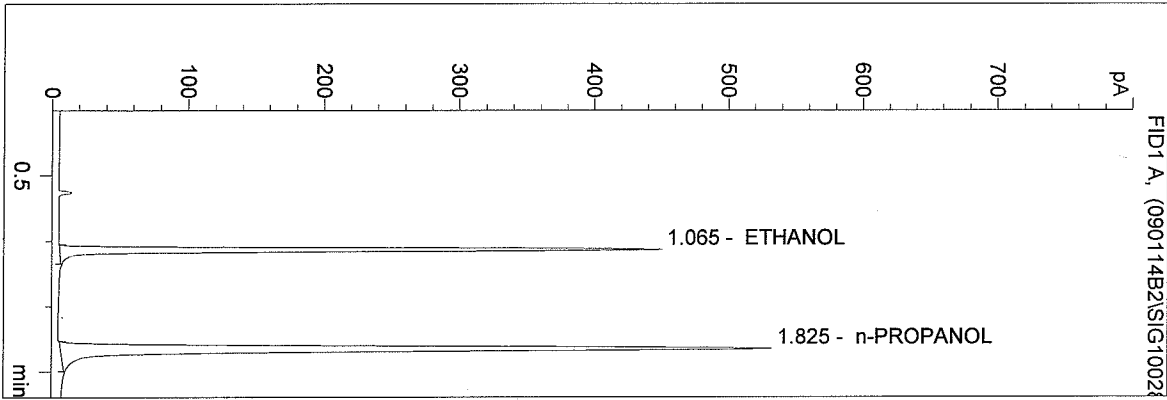
Instrument 3

db-alc2

QAP0.10 09004 #5

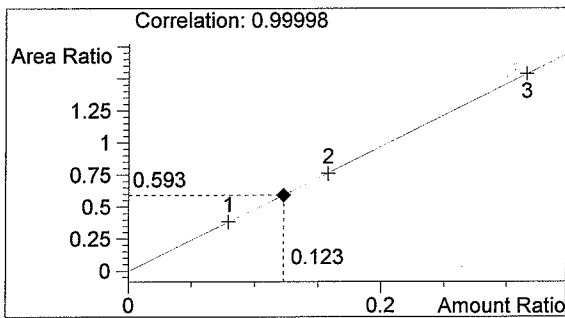
Brianne E. Akins

vial # 28



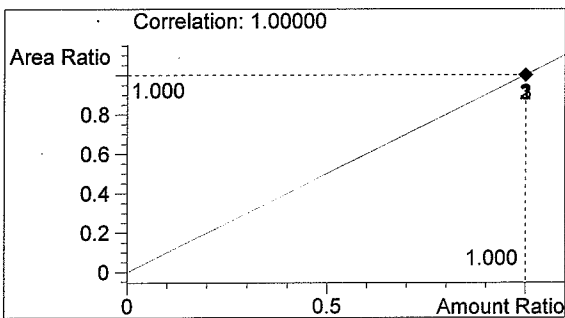
#	Compound	Area	RT
1	ETHANOL	883	1.065
2	n-PROPANOL	1488	1.825

Totals:



ETHANOL

0.123 g/100ml



n-PROPANOL

1.000 g/100ml

BA

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

1/14/2009 2:26:40 PM

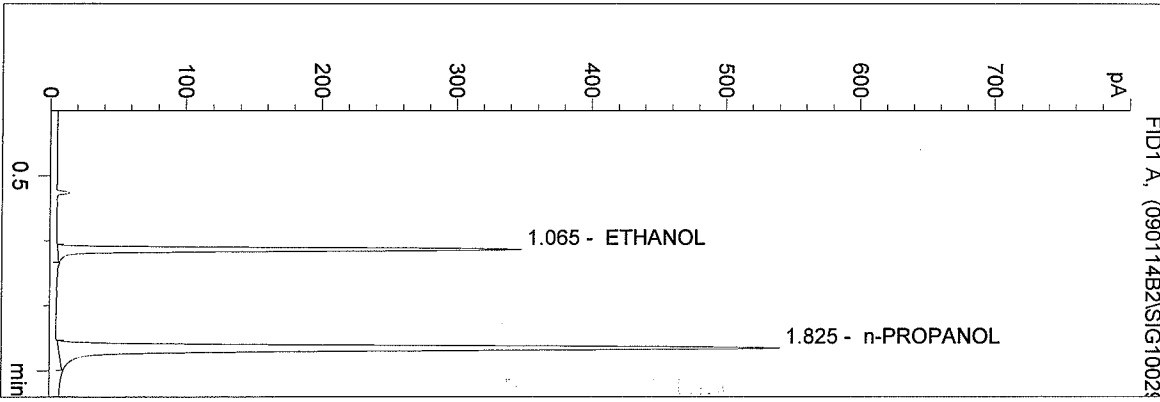
Instrument 3

db-alc2

0.10 CONTROL-BA

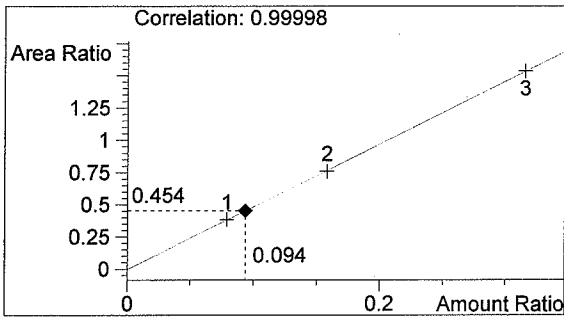
Brianne E. Akins

vial # 29



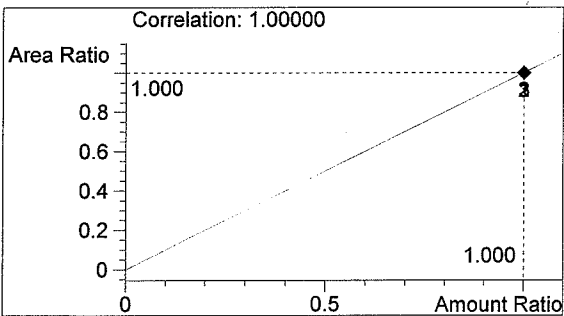
#	Compound	Area	RT
1	ETHANOL	685	1.065
2	n-PROPANOL	1511	1.825

Totals:



ETHANOL

0.094 g/100ml



n-PROPANOL

1.000 g/100ml

Bea

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

1/14/2009 2:29:47 PM

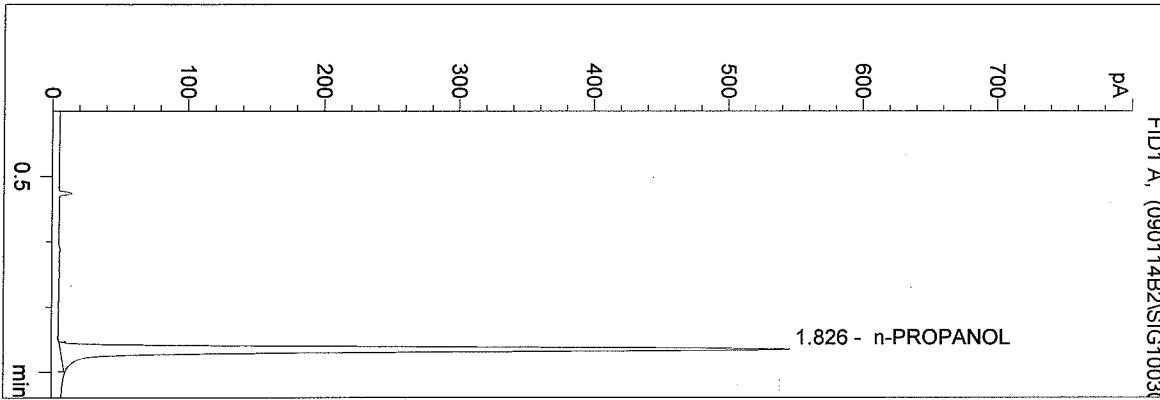
Instrument 3

db-alc2

NEG CONTROL-BA

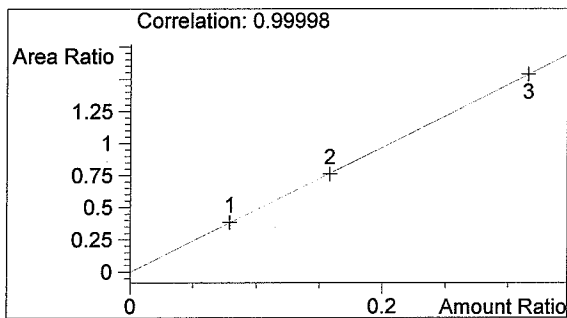
Brianne E. Akins

vial # 30



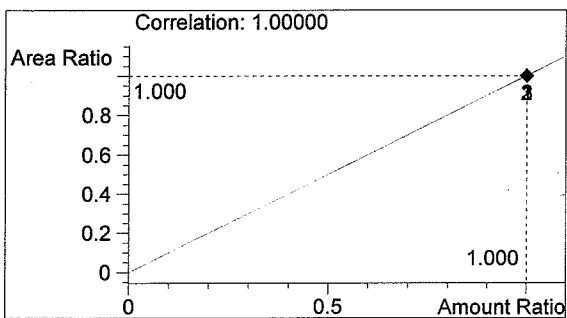
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1531	1.826

Totals:



ETHANOL

0.000 g/100ml



n-PROPANOL

1.000 g/100ml

BA

Sequence Parameters:

Operator: Chris Johnston

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: 090114C2

Part of Methods to run: According to Runtime Checklist

Barcode Reader: not used

Shutdown Cmd/Macro: none

Sequence Comment:

0.04 Control - Lot # A061507 - exp 11/2012

0.10 Control - Lot # A059621 - exp 08/2012

0.20 Control - Lot # A056773 - exp 03/2012

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-CJ	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-CJ	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-CJ	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
10	Vial 10	09002 #1	SIMALC	1	Sample		
11	Vial 11	09002 #2	SIMALC	1	Sample		
12	Vial 12	09002 #3	SIMALC	1	Sample		
13	Vial 13	09002 #4	SIMALC	1	Sample		
14	Vial 14	09002 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
17	Vial 17	09003 #1	SIMALC	1	Sample		
18	Vial 18	09003 #2	SIMALC	1	Sample		
19	Vial 19	09003 #3	SIMALC	1	Sample		
20	Vial 20	09003 #4	SIMALC	1	Sample		
21	Vial 21	09003 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
24	Vial 24	09004 #1	SIMALC	1	Sample		
25	Vial 25	09004 #2	SIMALC	1	Sample		
26	Vial 26	09004 #3	SIMALC	1	Sample		
27	Vial 27	09004 #4	SIMALC	1	Sample		
28	Vial 28	09004 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
31	Vial 31	09005 #1	SIMALC	1	Sample		
32	Vial 32	09005 #2	SIMALC	1	Sample		

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	09005 #3	SIMALC	1	Sample		
34	Vial 34	09005 #4	SIMALC	1	Sample		
35	Vial 35	09005 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CONTROL-CJ	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!

01

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

1/14/2009 7:03:02 PM

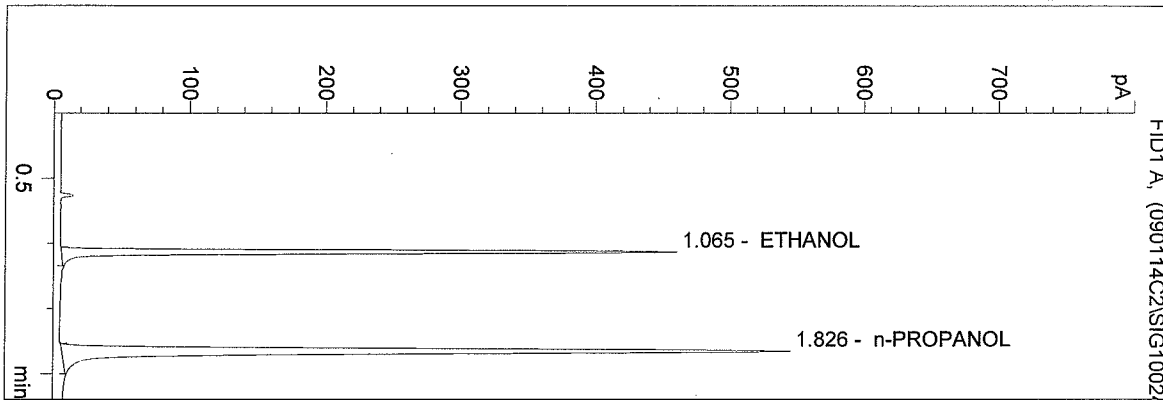
Instrument 3

db-alc2

09004 #1

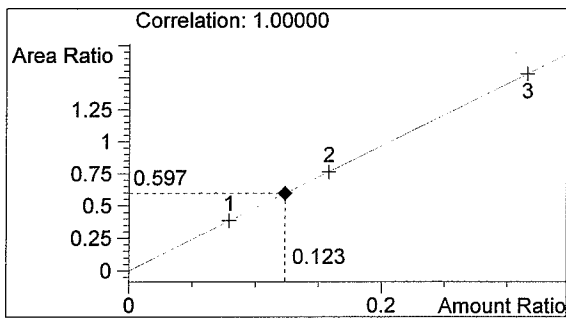
Chris Johnston

vial # 24



#	Compound	Area	RT
1	ETHANOL	914	1.065
2	n-PROPANOL	1531	1.826

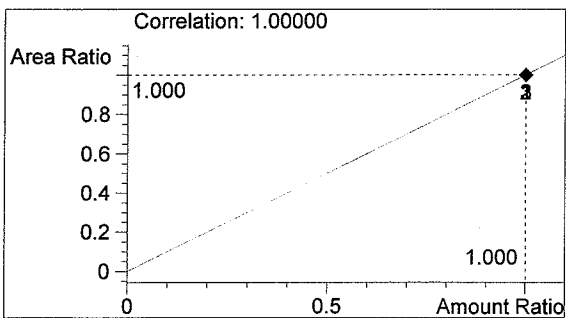
Totals:



ETHANOL

0.123 g/100ml

EU



n-PROPANOL

1.000 g/100ml

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

1/14/2009 7:06:09 PM

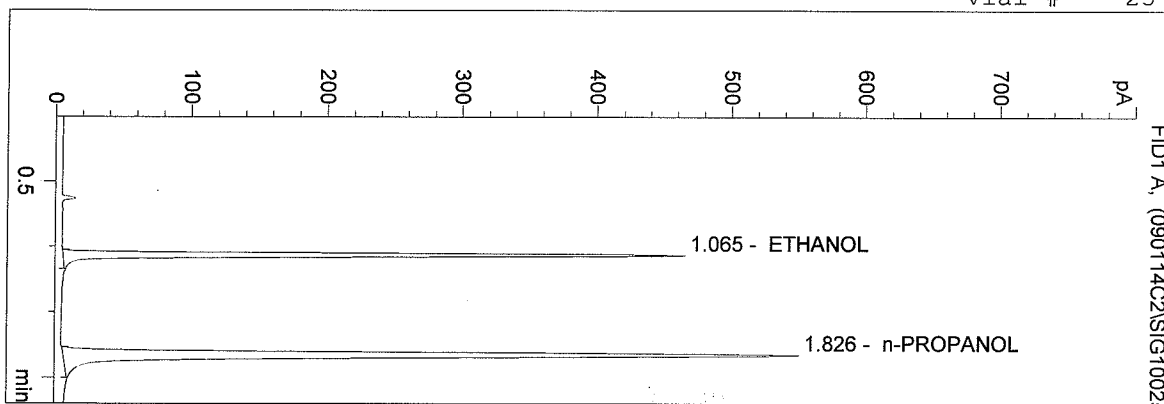
Instrument 3

db-alc2

09004 #2

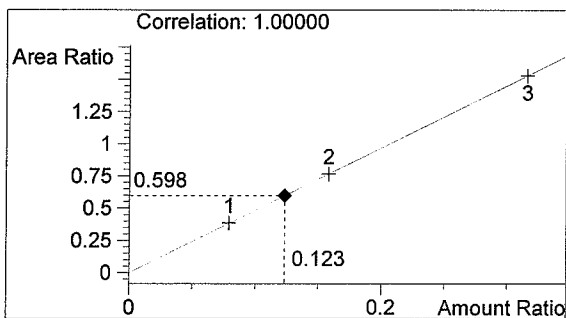
Chris Johnston

vial # 25



#	Compound	Area	RT
1	ETHANOL	926	1.065
2	n-PROPANOL	1550	1.826

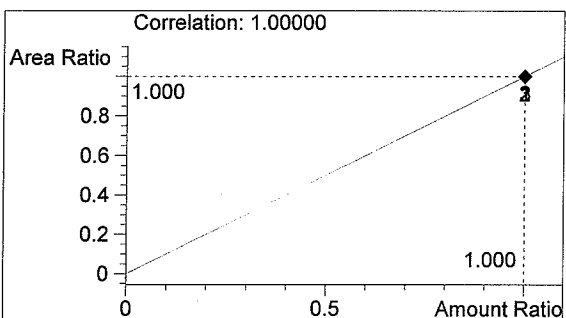
Totals:



ETHANOL

0.123 g/100ml

C



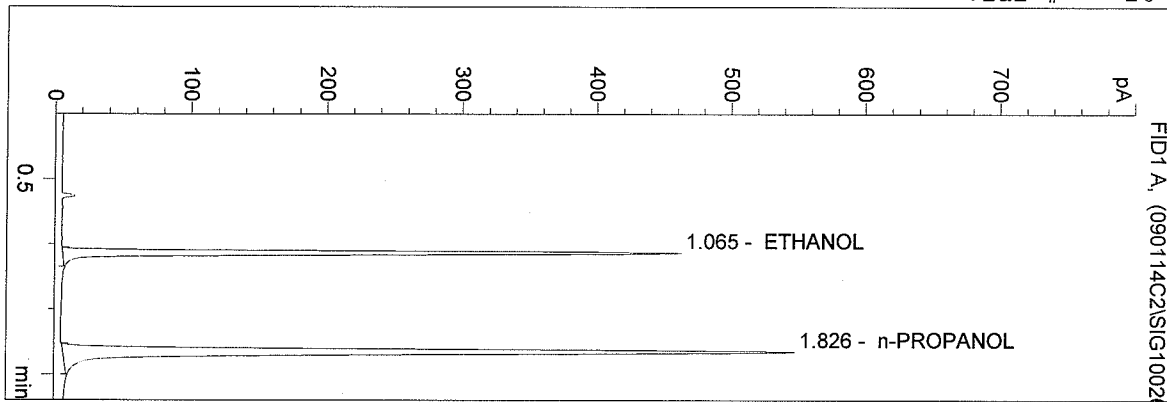
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\SIMALC.M
 1/14/2009 7:09:16 PM
 Instrument 3
 db-alc2

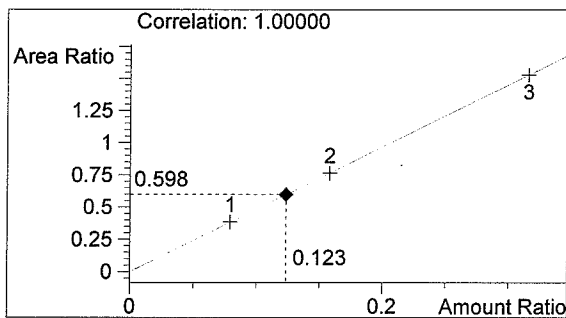
09004 #3
 Chris Johnston

vial # 26



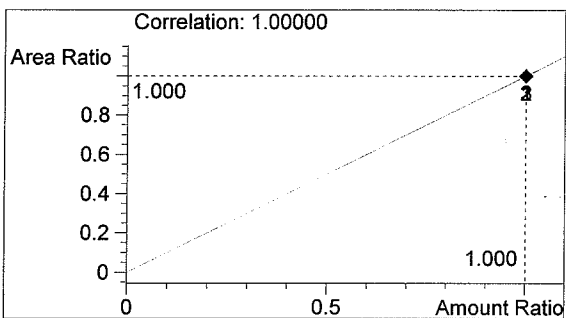
#	Compound	Area	RT
1	ETHANOL	920	1.065
2	n-PROPANOL	1539	1.826

Totals:



ETHANOL

0.123 g/100ml



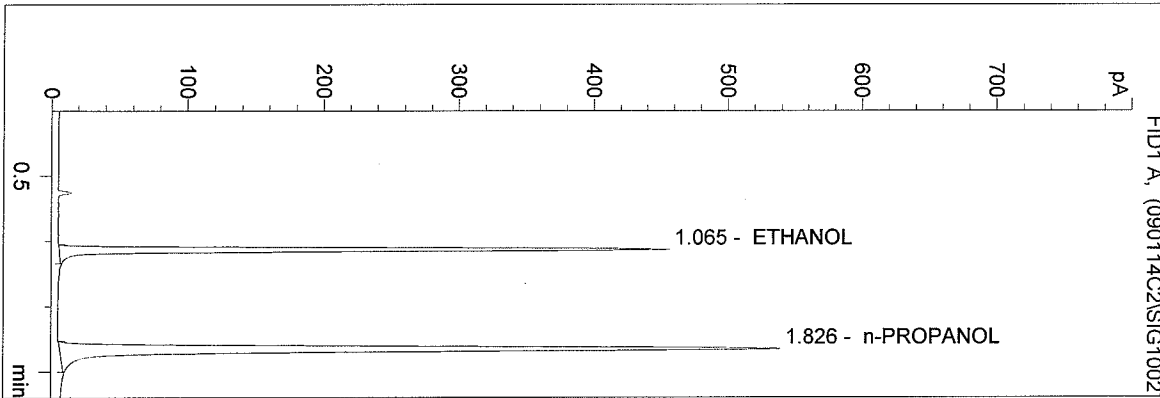
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\SIMALC.M
 1/14/2009 7:12:23 PM
 Instrument 3
 db-alc2

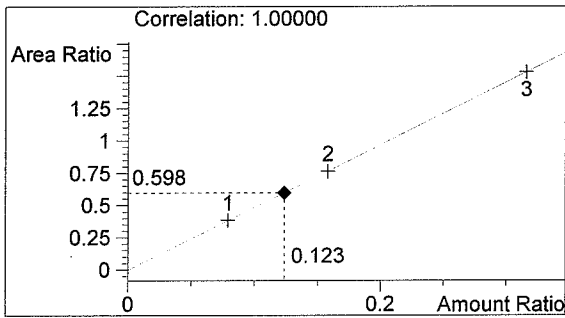
09004 #4
 Chris Johnston

vial # 27



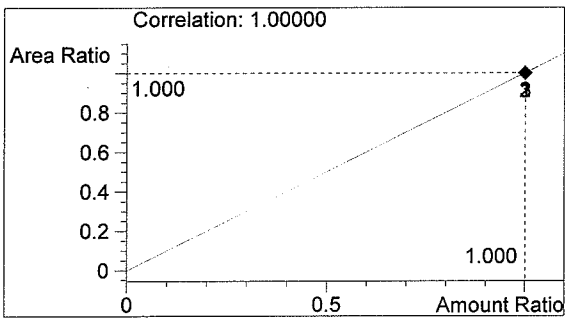
#	Compound	Area	RT
1	ETHANOL	907	1.065
2	n-PROPANOL	1516	1.826

Totals:



0.123 g/100ml

CS



1.000 g/100ml

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

1/14/2009 7:15:30 PM

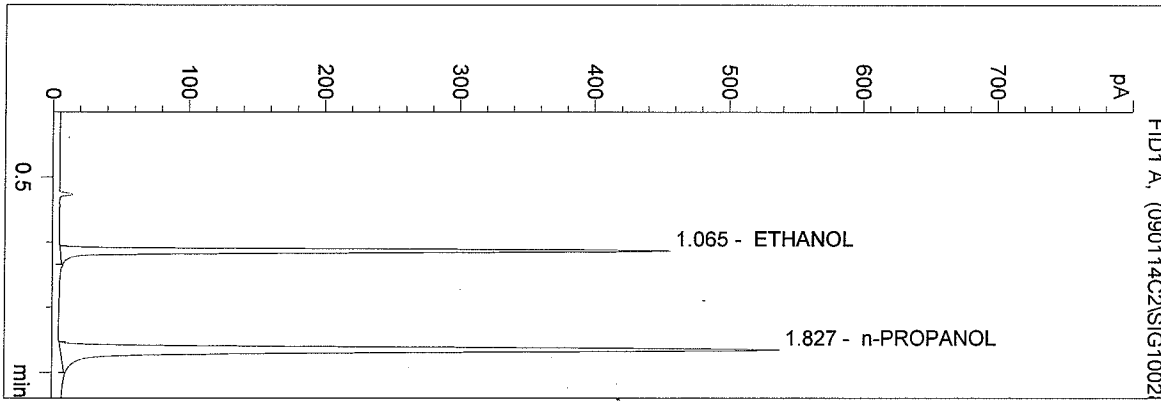
Instrument 3

db-alc2

09004 #5

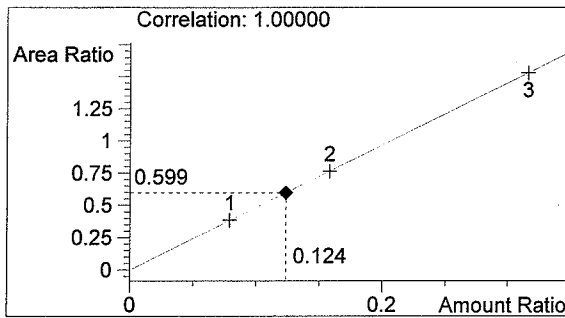
Chris Johnston

vial # 28



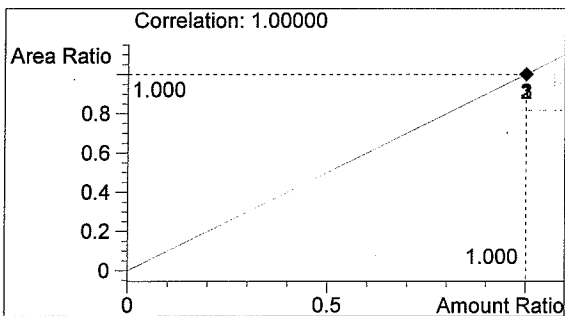
#	Compound	Area	RT
1	ETHANOL	905	1.065
2	n-PROPANOL	1512	1.827

Totals:



ETHANOL

0.124 g/100ml



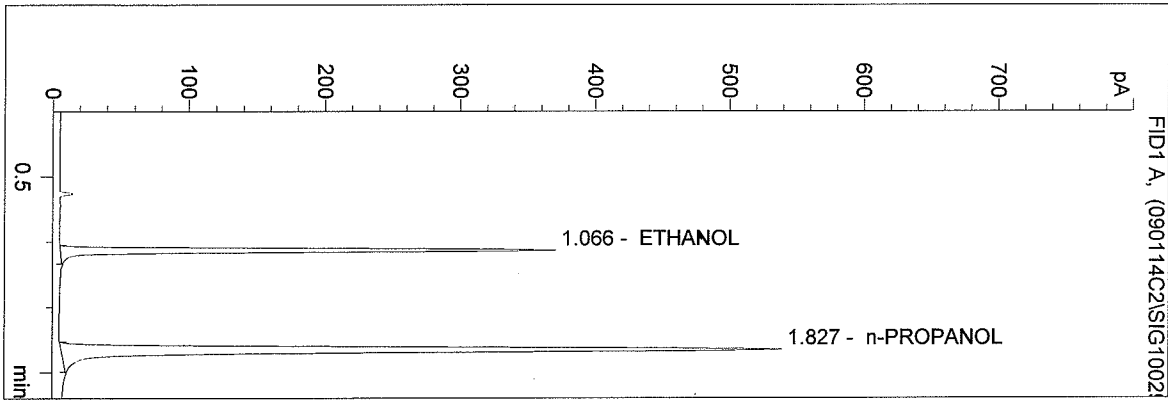
n-PROPANOL

1.000 g/100ml

C:\HPCHEM\2\METHODS\SIMALC.M
 1/14/2009 7:18:37 PM
 Instrument 3
 db-alc2

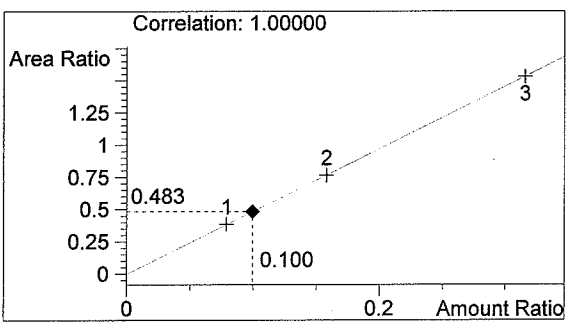
0.10 CONTROL-CJ
 Chris Johnston

vial # 29



#	Compound	Area	RT
1	ETHANOL	731	1.066
2	n-PROPANOL	1513	1.827

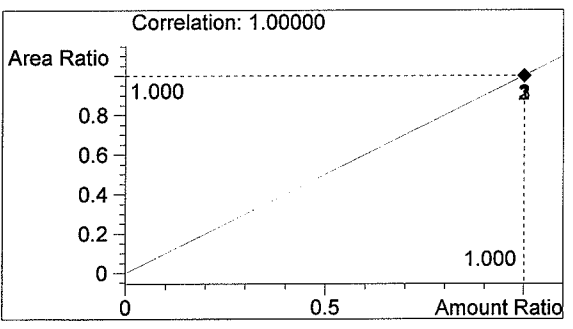
Totals:



ETHANOL

0.100 g/100ml

CJ



n-PROPANOL

1.000 g/100ml

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

1/14/2009 7:21:44 PM

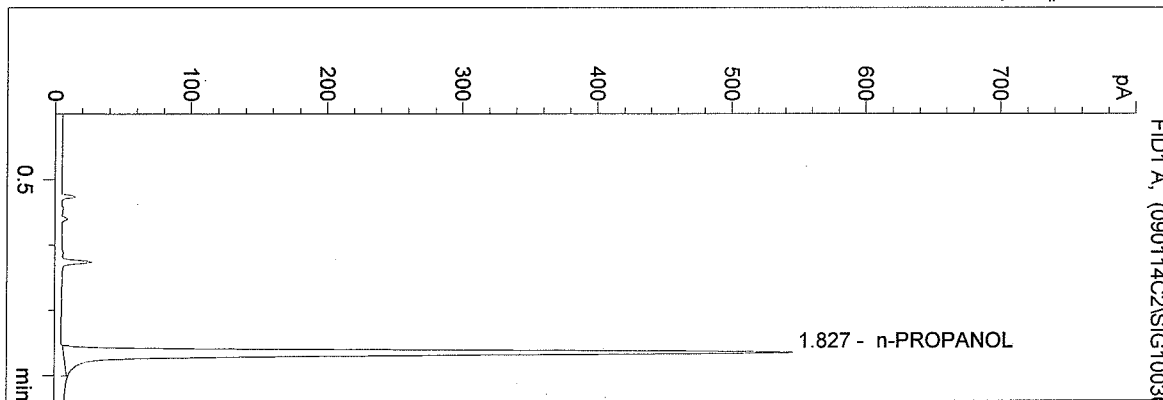
Instrument 3

db-alc2

NEG CONTROL-CJ

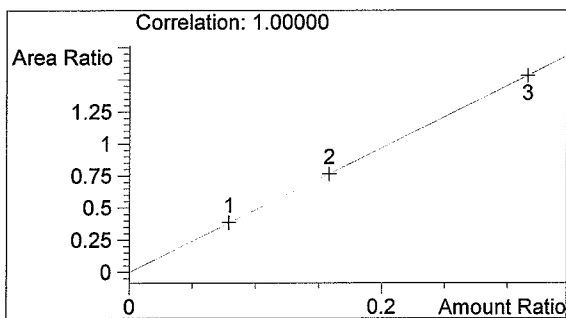
Chris Johnston

vial # 30



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1527	1.827

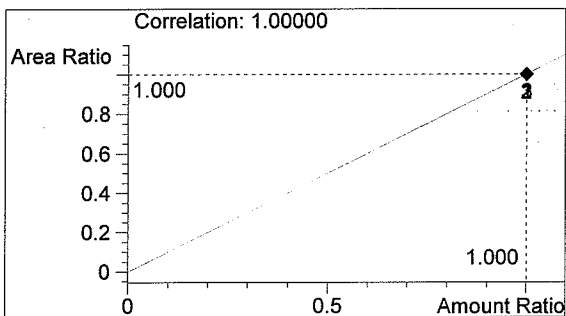
Totals:



ETHANOL

0.000 g/100ml

C



n-PROPANOL

1.000 g/100ml

QAP SOLUTION PREPARATION WORKSHEET

Batch #:

09009

Preparer:

N. Nuwayhid

Date Prepared:

1.9.09

Expiration Date:

1.9.10

Lot 200 Proof (100%) Ethanol Used:

X03073

Date 200 Proof Ethanol Opened:

1.9.09

(Ethanol standard is approved for use for 6 months after opening unless an extension is approved by the State Toxicologist.)

Environmental Conditions Checked

Vapor Concentration of QAP

Amount of Ethanol

Amount of Deionized Water

~~0.04~~

14.2 mL

18 L

~~0.08~~

22.4 mL

18 L

0.1

28.1 mL

18 L

~~0.15~~

42.0 mL

18 L

Stir Bar is Rotating

Stirred for at least 30 minutes

Spigot Purged

Aliquot Taken

Batch Labeled Packaged and Sealed

1.9.09
Date

Analyst

N. Nuwayhid

1.9.09
Date