Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

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

Location: SEATTLE TOX LAB **Solution Batch Number:** 09003

	YES	NO	N/A
Analysis dates do not precede preparation date:	☒	☐	☐
Declarations signed and properly dated:	☒	☐	☐
Data entry corresponds to all chromatograms:	☒	☐	☐
All signatures present on Analysis sheet:	☒	☐	☐
Avg. solution concentration correct?:	☒	☐	☐
Standard deviation correct:	☒	☐	☐
Range correct if applicable:	☒	☐	☐
Equivalent vapor concentration correct?	☒	☐	☐
Blank chromatograms included in file:	☒	☐	☐
External Control information present: (lot # present and future date)	☒	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐	☐
CV% Correct?	☒	☐	☐
Reviewed for outliers per policy and none found? Comments:	☒	☐	☐

Reviewer Signature: [signature] **Date:** 1-22-2009

Reviewer Signature: K.L.T. **Date:** 1/22/2009

WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION

QAP Solution Calibration Certificate

Batch Number:	09003	Target Vapor Concentration:	0.08 g/210L
Prepared By:	Naziha Nuwayhid	Date Prepared:	1/9/2009

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

	NN	BEA	CSJ
1	0.098	0.098	0.098
2	0.099	0.098	0.098
3	0.099	0.098	0.099
4	0.099	0.098	0.098
5	0.098	0.098	0.099
C	0.099	0.094	0.100

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

External Control(s):

Lot Num	Exp Date	Target Conc
A059621	08 / 2012	0.10 g/100mL

Statistics:

Avg. Solution Conc.	0.0983	g/100mL	Precision CV (%)	0.50	
Std. Deviation (SD)	0.00049		Number of Tests (N)	15	
Range (3.8xSD)	0.0965	to 0.1002	Equivalent Vapor Conc.	**0.0799**	g/210L

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

Washington State Patrol Toxicology Laboratory Division

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 0.08 QAP SOLUTION CERTIFICATION FOR LOT 09003

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 09003, 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

Naziha Nuwayhid Date
Forensic Toxicologist

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 0.08 QAP SOLUTION CERTIFICATION FOR LOT 09003

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 09003, 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

Brianne E Akins 1-22-09

Brianne E. Akins Date

Forensic Toxicologist

BEA/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 QAP SOLUTION CERTIFICATION FOR LOT 09003

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 09003, 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

1.27.09

Christopher S. Johnston — Date

Forensic Toxicologist

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.
[illegible] (Quality Assurance Manager - TLD)
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 9002 3 NN folder
1. 16. 09
NN

NN

Sequence: C:\HPCHEM\1\SEQUENCE\NNQAP3.S

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~~5 NN 1.16.09	SIMALC	1	Sample		
36	Vial 36	0.10 Control NN	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!

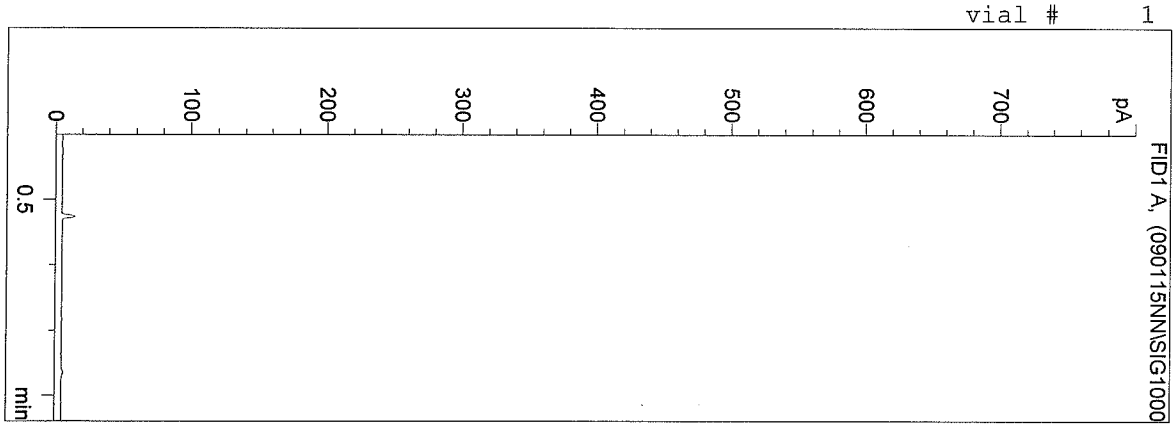
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

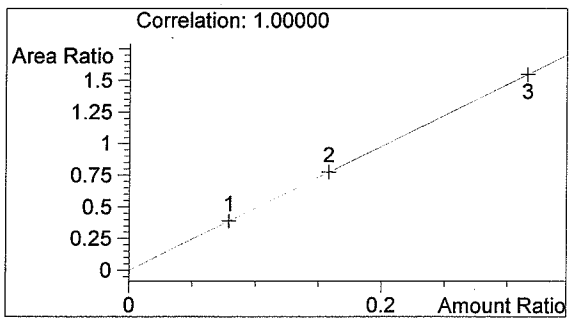
C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 2:45:23 PM
Instrument 3
db-alc2

BLANK
Naziha Nuwayhid, PhD

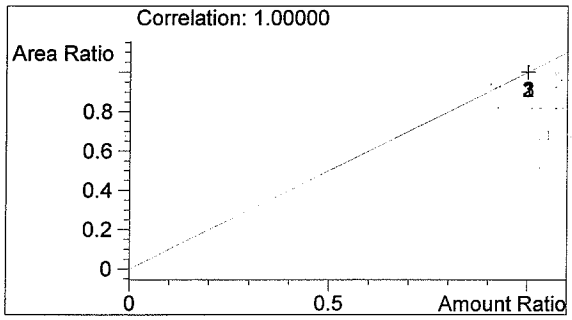
vial # 1



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



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

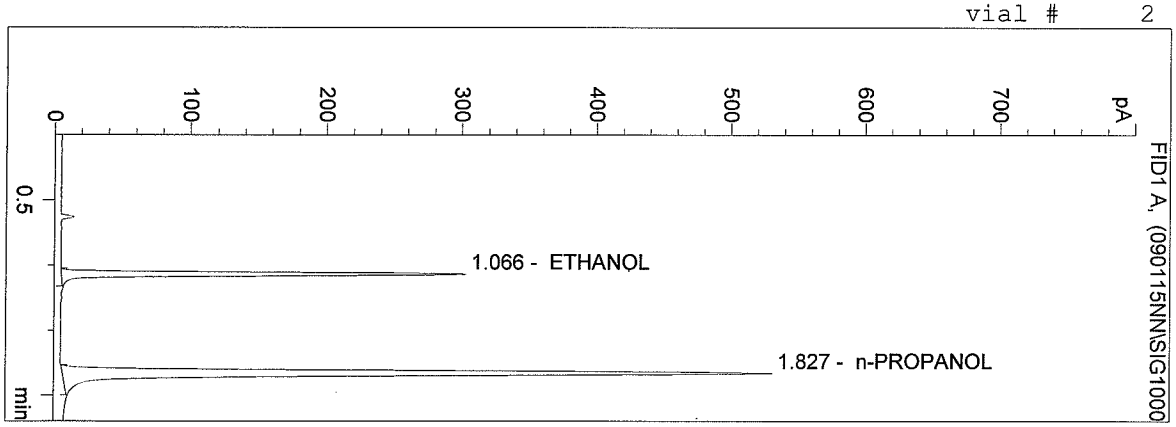
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

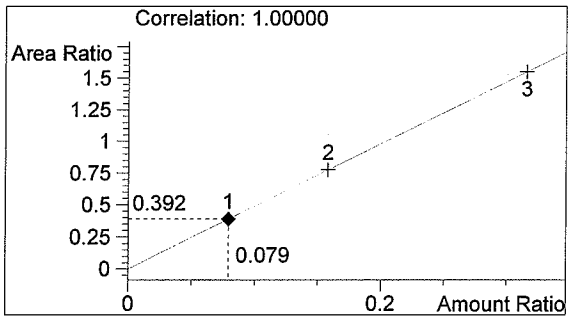
C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 2:48:30 PM
Instrument 3
db-alc2

0.079 CAL-1
Naziha Nuwayhid, PhD

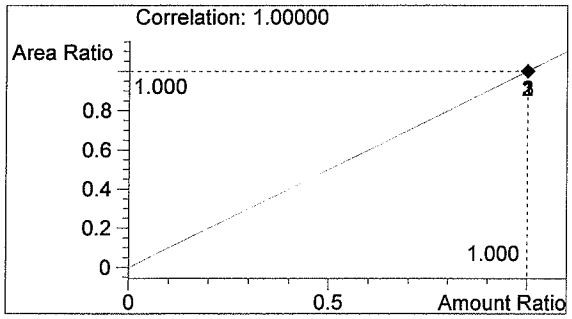
vial # 2



#	Compound	Area	RT
1	ETHANOL	581	1.066
2	n-PROPANOL	1483	1.827
Totals:			



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

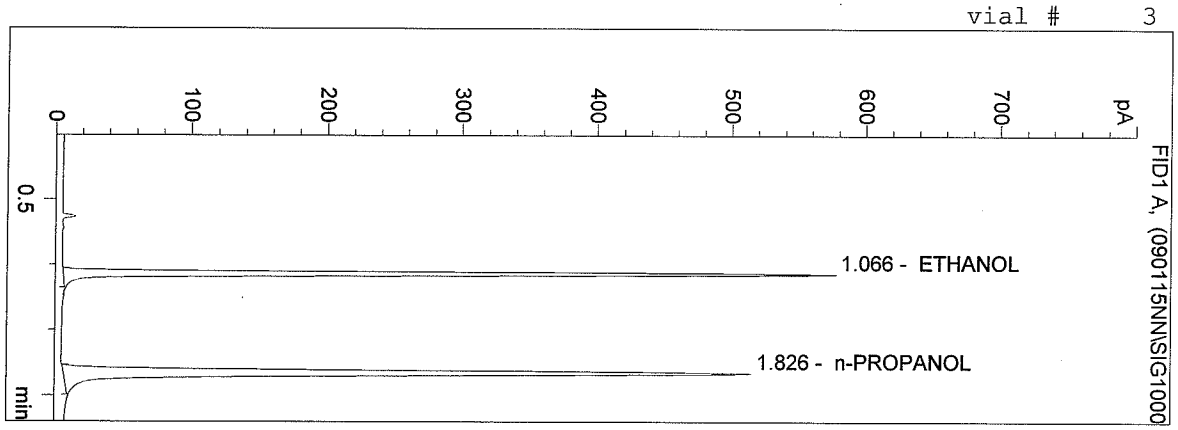
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 2:51:37 PM
Instrument 3
db-alc2

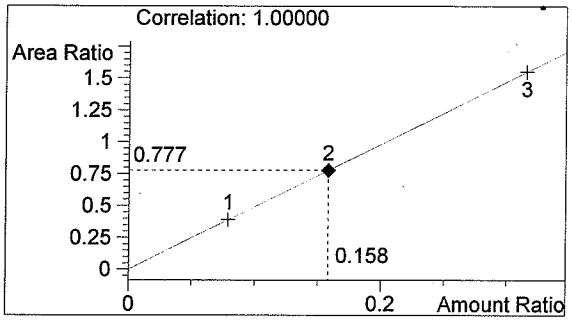
0.158 CAL-2
Naziha Nuwayhid, PhD

vial # 3

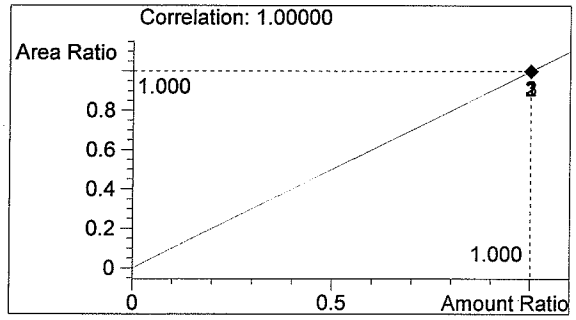


#	Compound	Area	RT
1	ETHANOL	1116	1.066
2	n-PROPANOL	1436	1.826

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

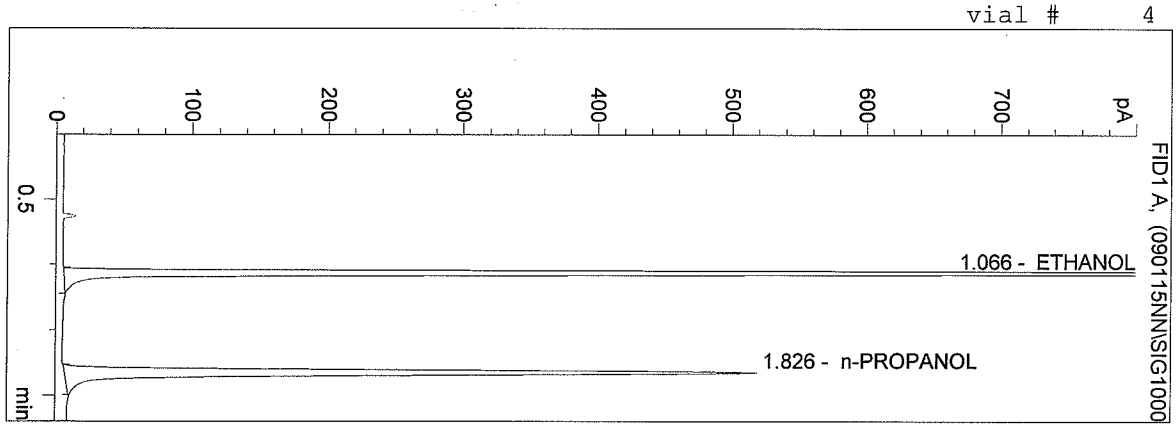
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 2:54:45 PM
Instrument 3
db-alc2

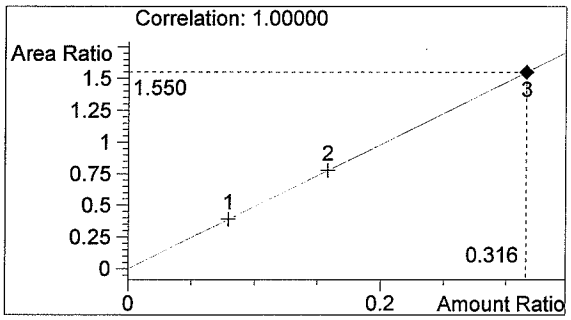
0.316 CAL-3
Naziha Nuwayhid, PhD

vial # 4

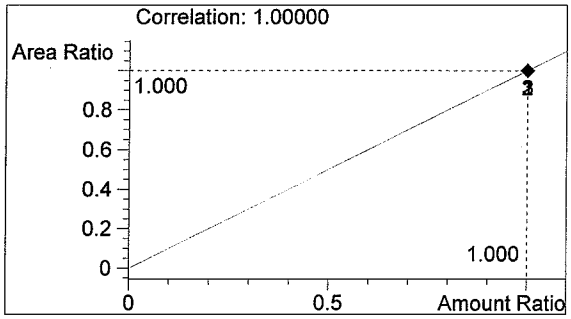


#	Compound	Area	RT
1	ETHANOL	2243	1.066
2	n-PROPANOL	1448	1.826

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

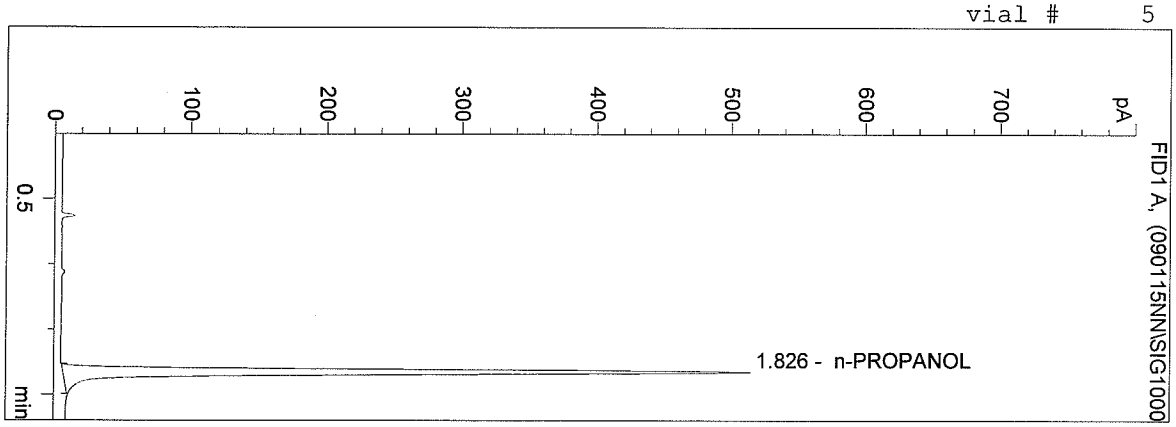
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 2:57:52 PM
Instrument 3
db-alc2

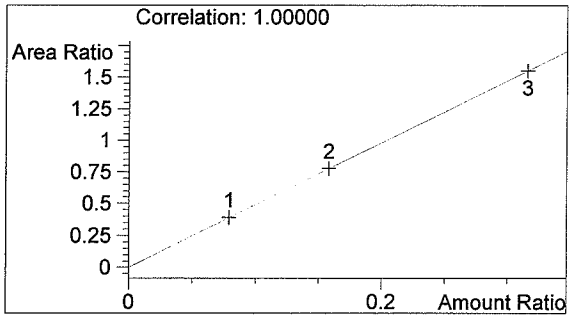
Neg Control NN
Naziha Nuwayhid, PhD

vial # 5

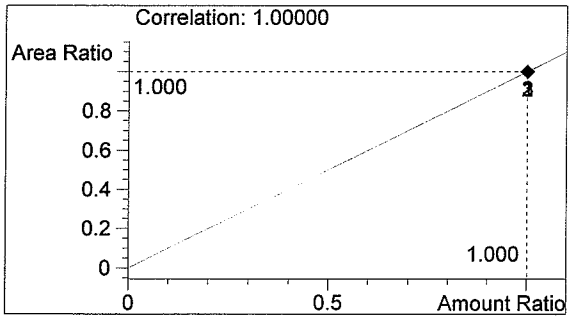


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1439	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

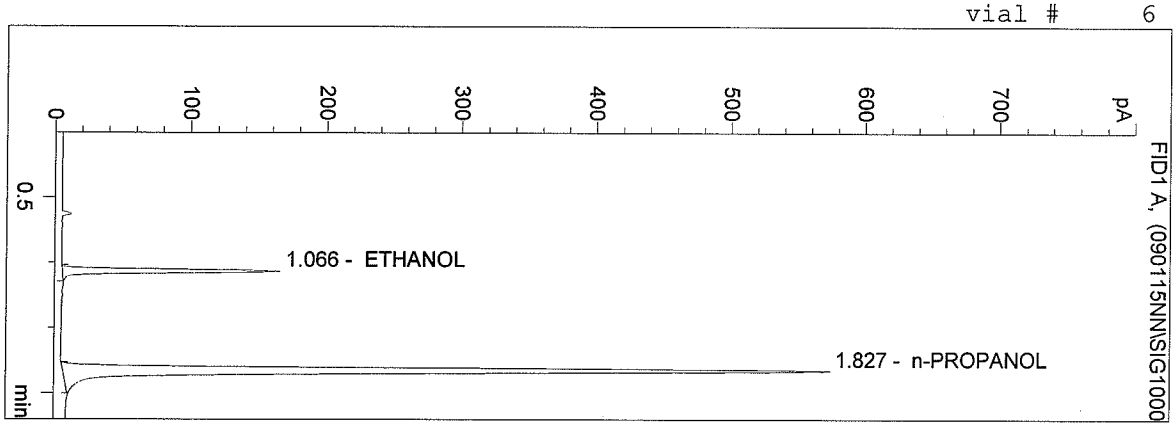
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 3:00:59 PM
Instrument 3
db-alc2

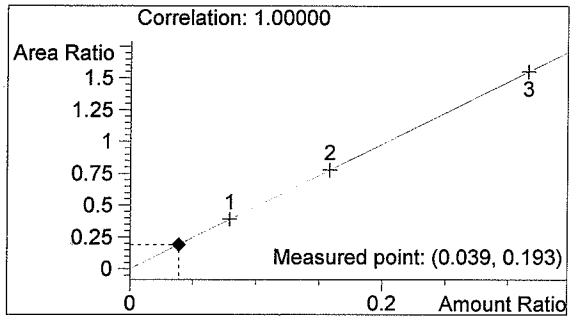
0.04 Control NN
Naziha Nuwayhid, PhD

vial # 6

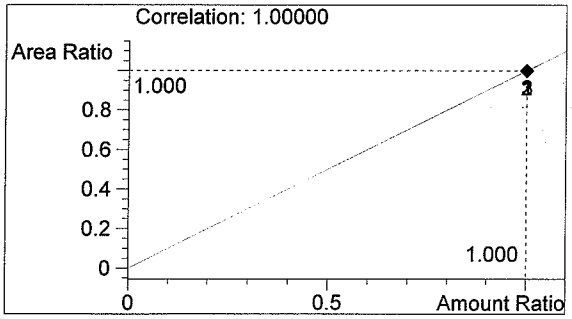


#	Compound	Area	RT
1	ETHANOL	309	1.066
2	n-PROPANOL	1601	1.827

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

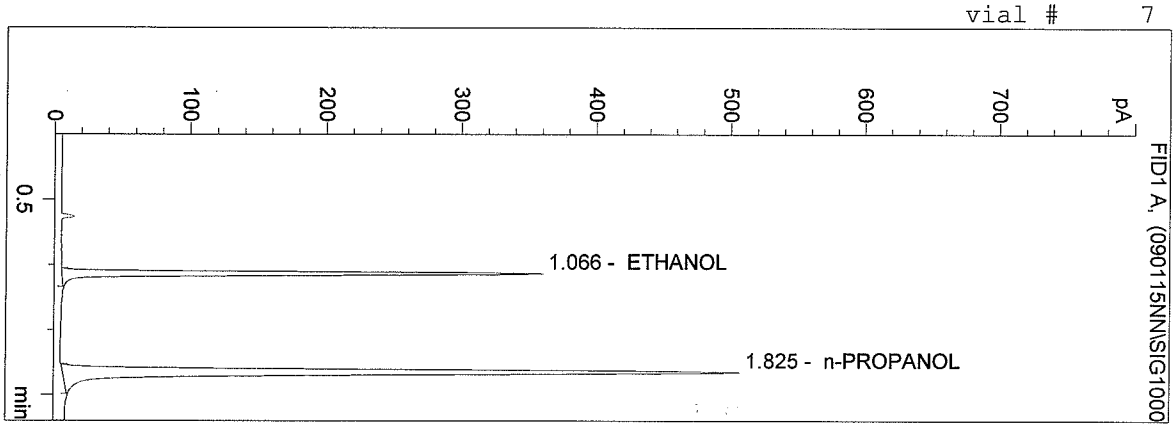
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 3:04:06 PM
Instrument 3
db-alc2

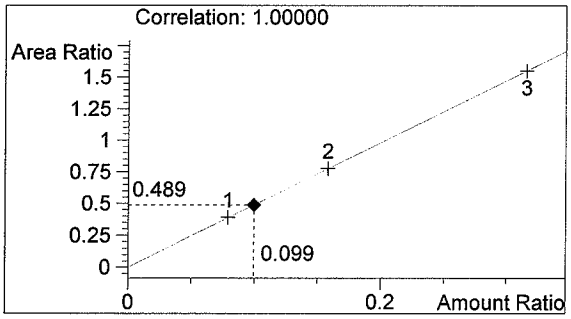
0.10 Control NN
Naziha Nuwayhid, PhD

vial # 7

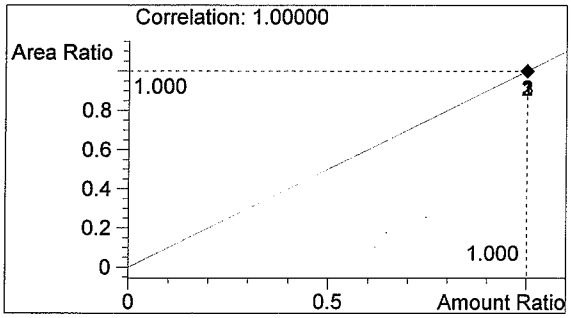


#	Compound	Area	RT
1	ETHANOL	692	1.066
2	n-PROPANOL	1414	1.825

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

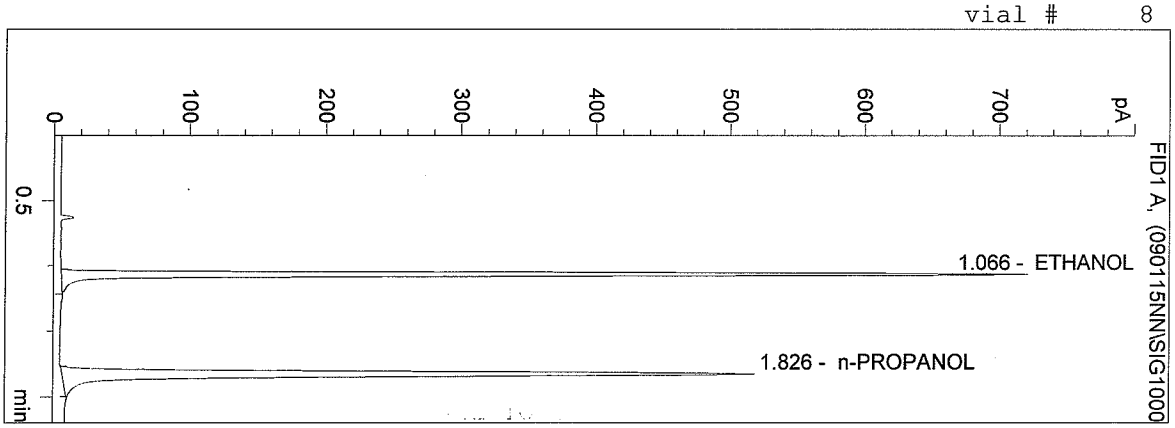
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 3:07:13 PM
Instrument 3
db-alc2

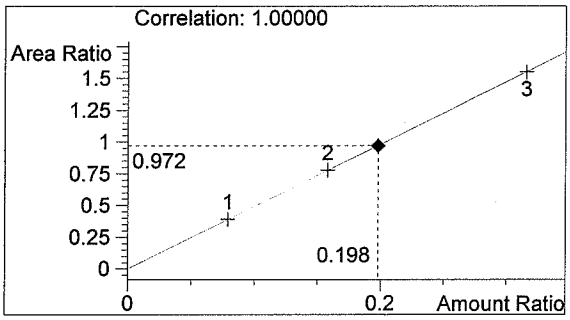
0.20 Control NN
Naziha Nuwayhid, PhD

vial # 8

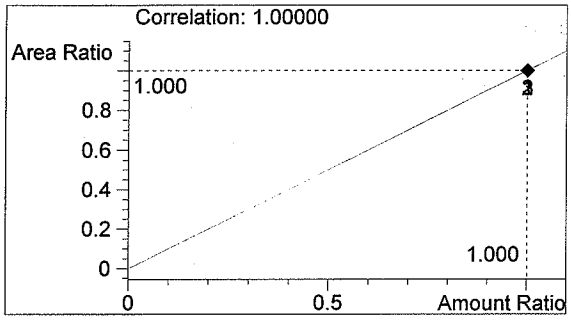


#	Compound	Area	RT
1	ETHANOL	1409	1.066
2	n-PROPANOL	1450	1.826

Totals:



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

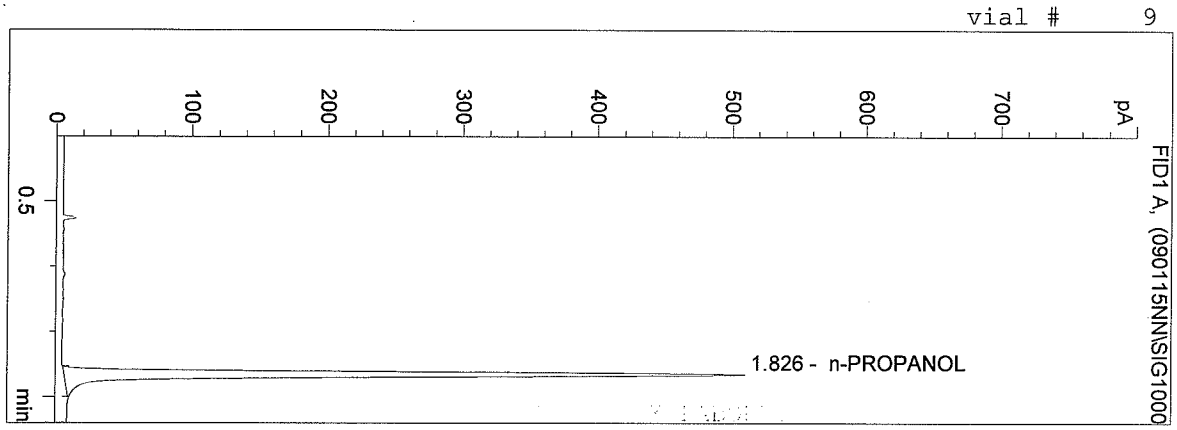
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 3:10:19 PM
Instrument 3
db-alc2

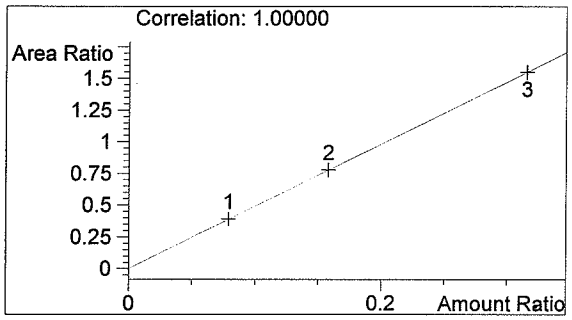
Neg Control NN
Naziha Nuwayhid, PhD

vial # 9

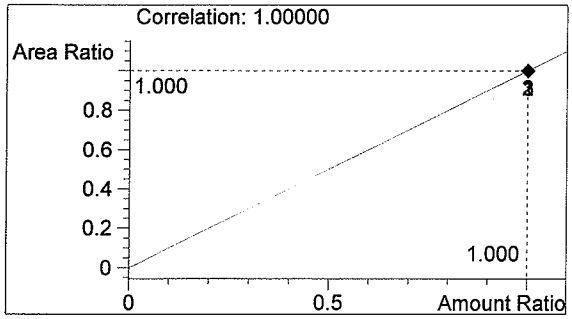


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1426	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

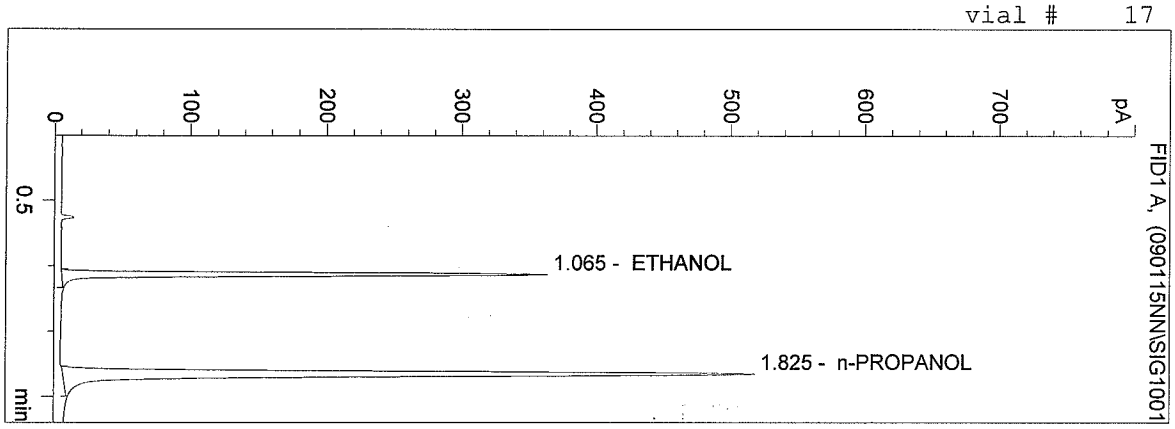
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/15/2009 3:35:16 PM
Instrument 3
db-alc2

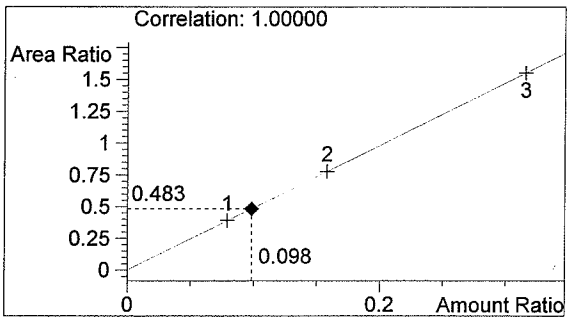
QAP 09003-1
Naziha Nuwayhid, PhD

vial # 17

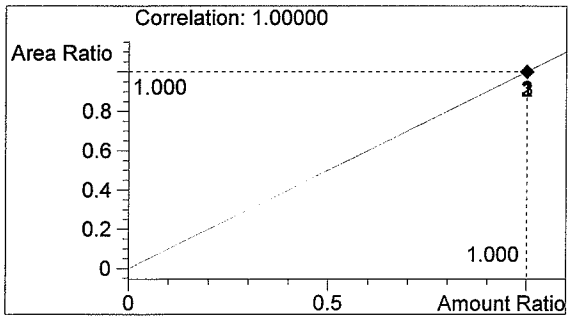


#	Compound	Area	RT
1	ETHANOL	699	1.065
2	n-PROPANOL	1447	1.825

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

NN

WASHINGTON STATE TOXICOLOGY LABORATORY

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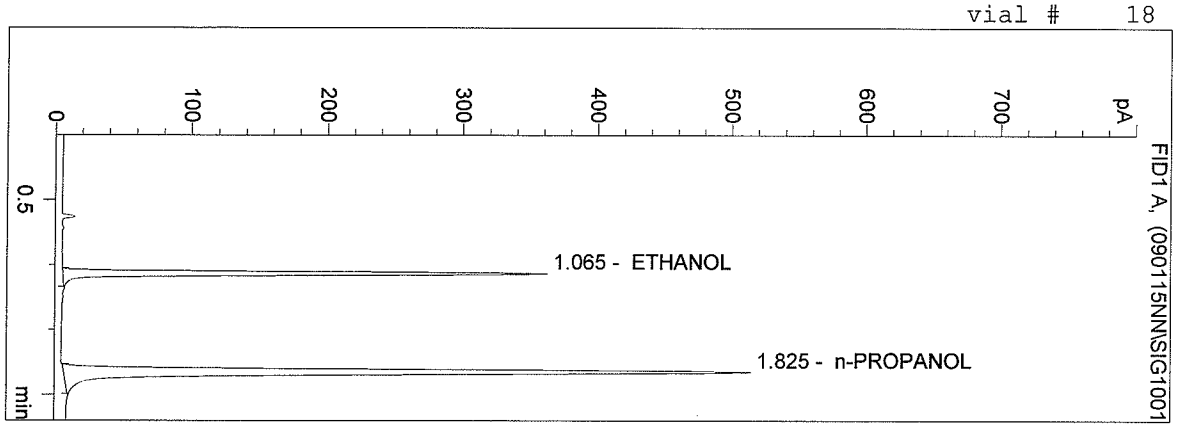
Instrument 3
db-alc2

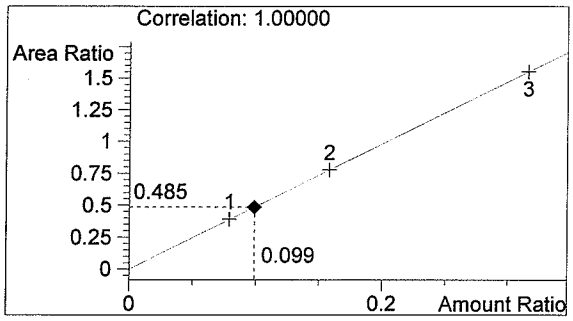
QAP 09003-2
Naziha Nuwayhid, PhD

vial # 18

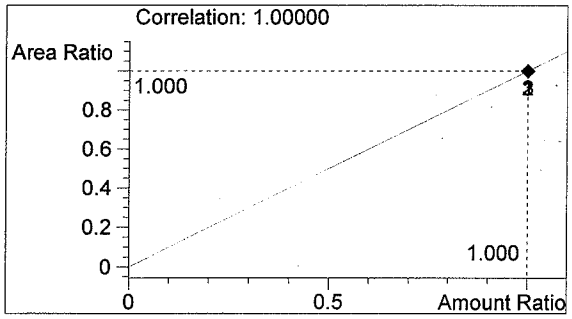


#	Compound	Area	RT
1	ETHANOL	697	1.065
2	n-PROPANOL	1436	1.825

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
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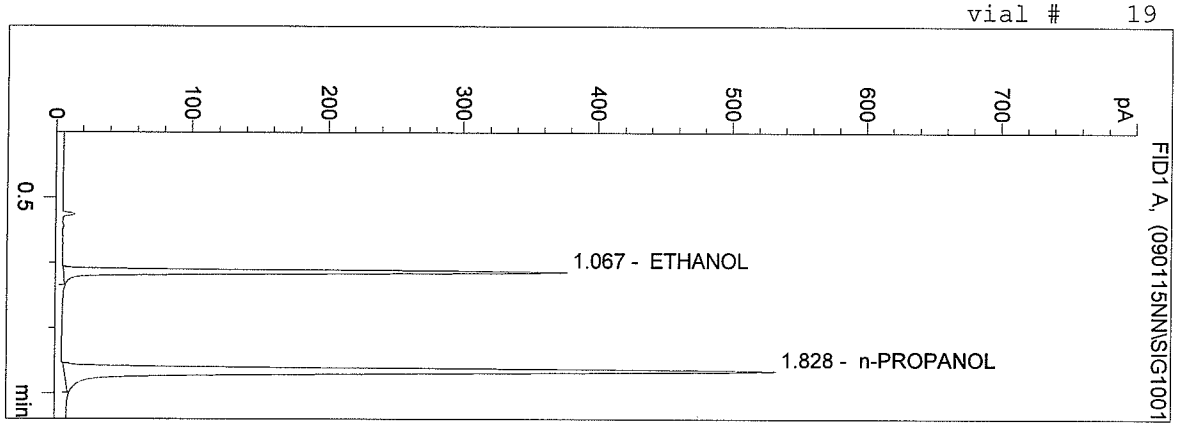
Instrument 3
db-alc2

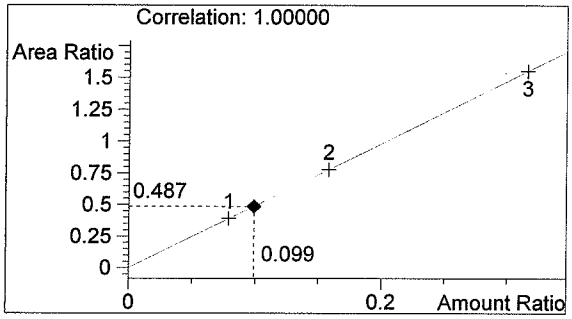
QAP 09003-3
Naziha Nuwayhid, PhD

vial # 19

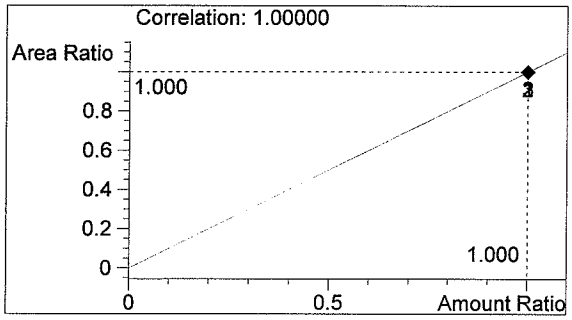


#	Compound	Area	RT
1	ETHANOL	724	1.067
2	n-PROPANOL	1486	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

NN

WASHINGTON STATE TOXICOLOGY LABORATORY

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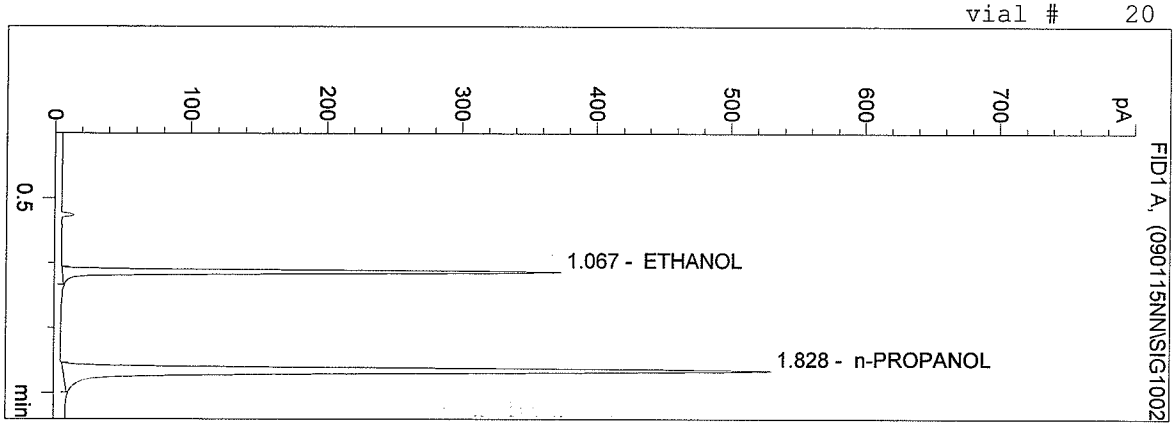
Instrument 3
db-alc2

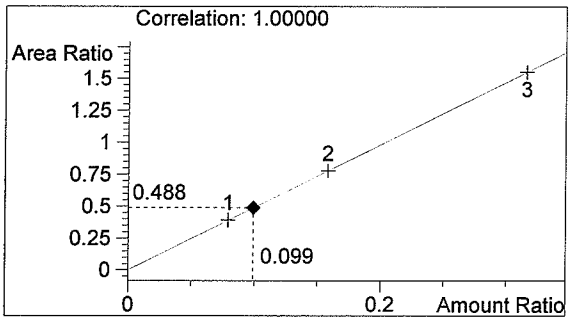
QAP 09003-4
Naziha Nuwayhid, PhD

vial # 20

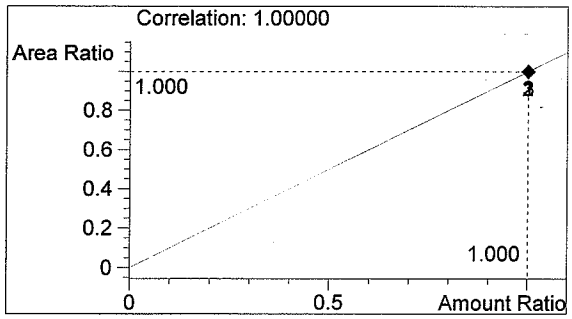


#	Compound	Area	RT
1	ETHANOL	722	1.067
2	n-PROPANOL	1479	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

NN

WASHINGTON STATE TOXICOLOGY LABORATORY

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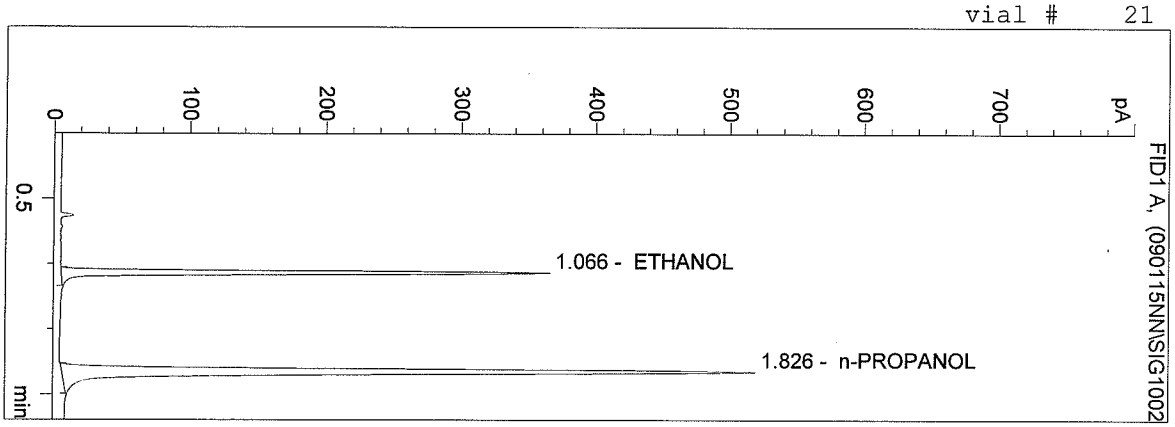
1/15/2009 3:47:45 PM
Instrument 3
db-alc2

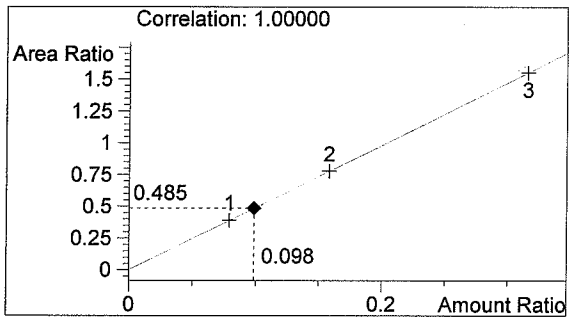
QAP 09003-5
Naziha Nuwayhid, PhD

vial # 21

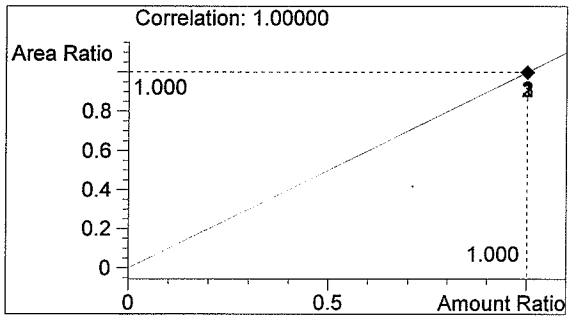


#	Compound	Area	RT
1	ETHANOL	705	1.066
2	n-PROPANOL	1454	1.826

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

NN

WASHINGTON STATE TOXICOLOGY LABORATORY

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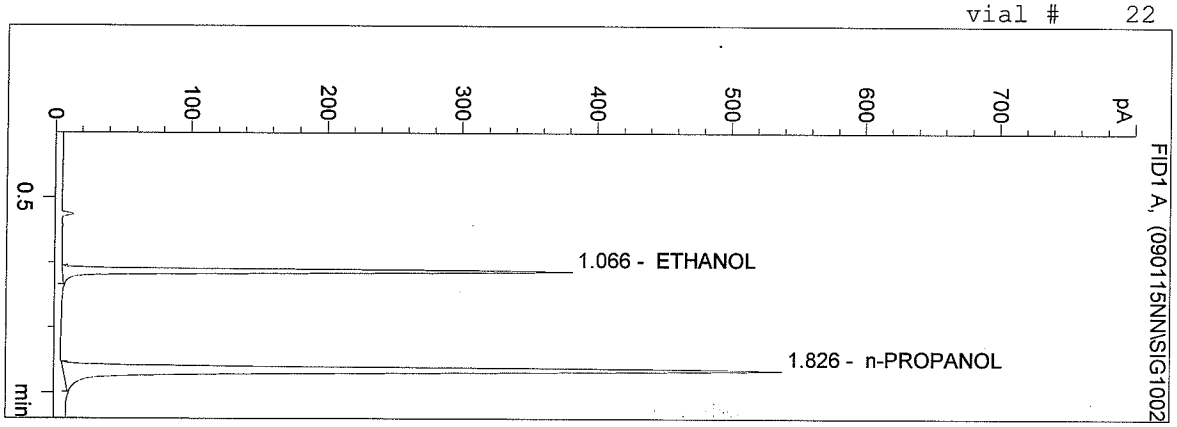
Instrument 3
db-alc2

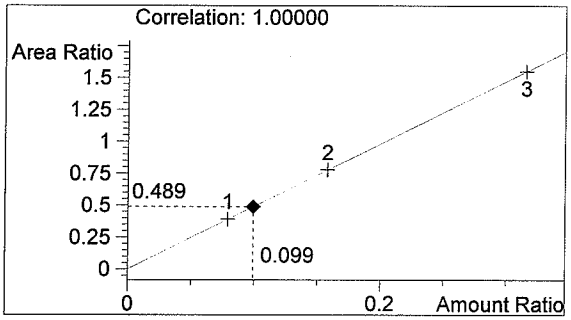
0.10 Control NN
Naziha Nuwayhid, PhD

vial # 22

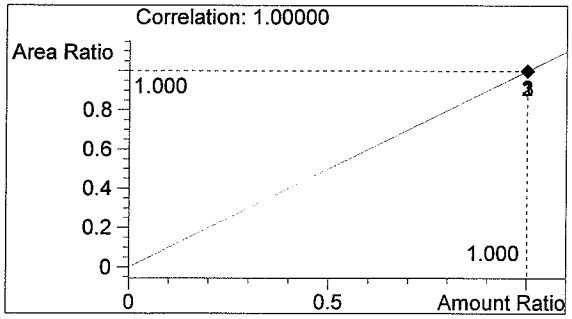


#	Compound	Area	RT
1	ETHANOL	734	1.066
2	n-PROPANOL	1501	1.826

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

NN

WASHINGTON STATE TOXICOLOGY LABORATORY

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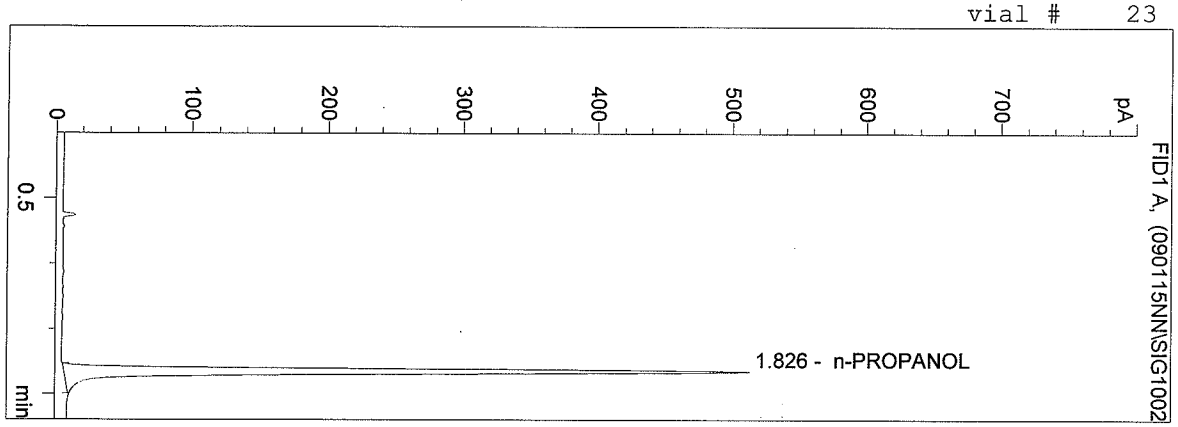
1/15/2009 3:54:00 PM
Instrument 3
db-alc2

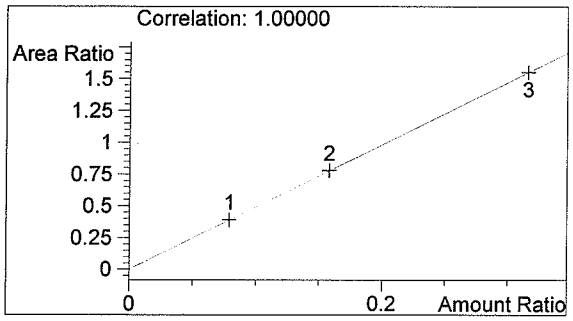
Neg Control NN
Naziha Nuwayhid, PhD

vial # 23

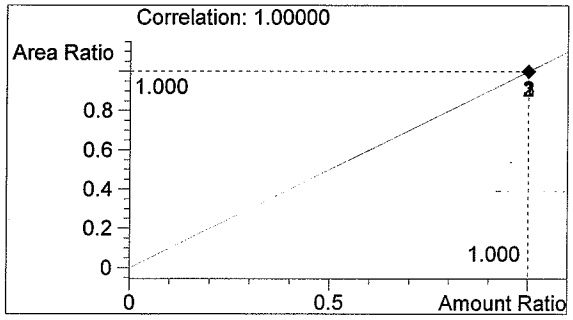


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1438	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

NN

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		

BEA

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!

BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

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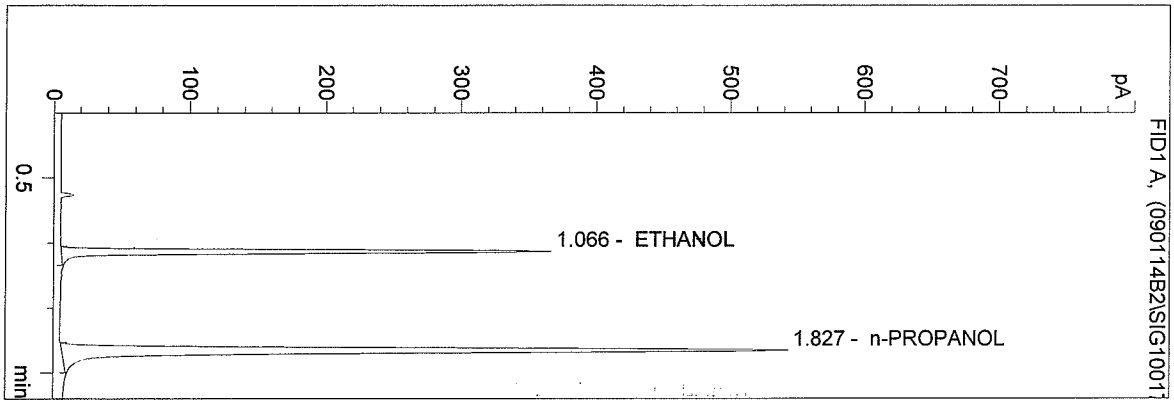
1/14/2009 1:49:14 PM
Instrument 3
db-alc2

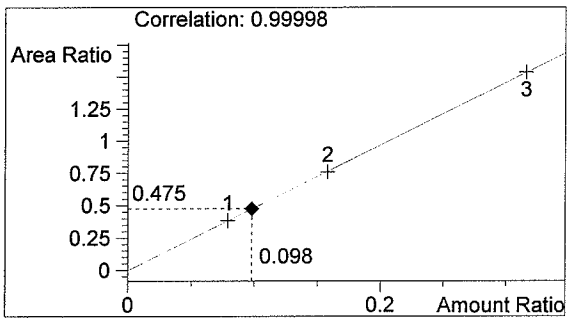
QAP0.08 09003 #1
Brianne E. Akins

vial # 17

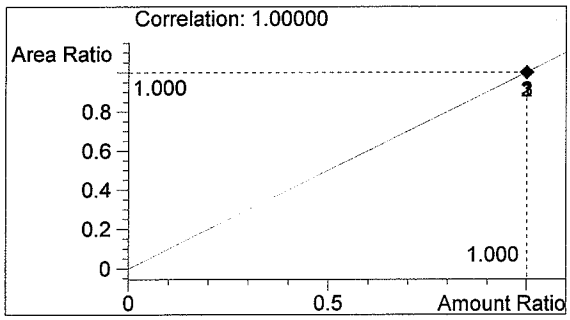


#	Compound	Area	RT
1	ETHANOL	724	1.066
2	n-PROPANOL	1522	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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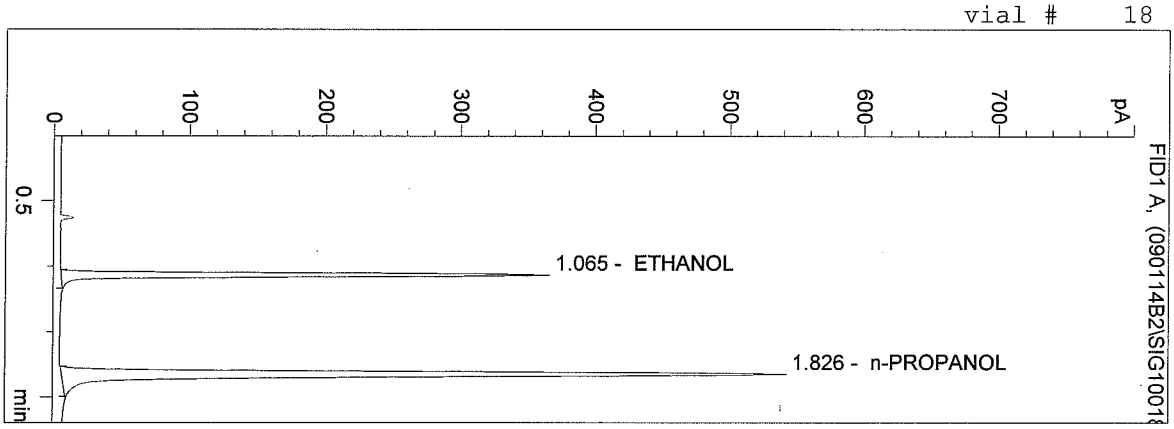
Instrument 3
db-alc2

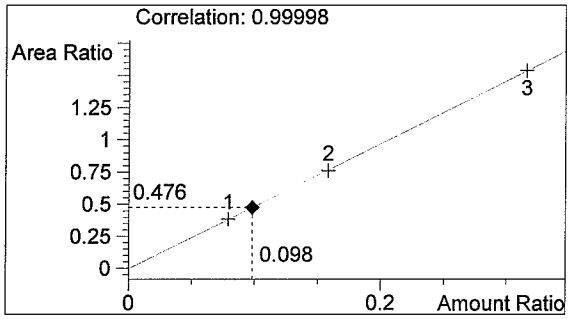
QAP0.08 09003 #2
Brianne E. Akins

vial # 18

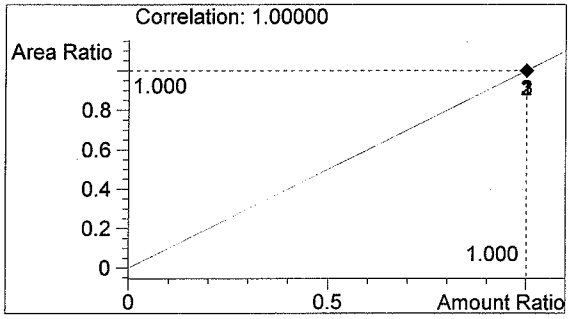


#	Compound	Area	RT
1	ETHANOL	723	1.065
2	n-PROPANOL	1520	1.826

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

BGA

WASHINGTON STATE TOXICOLOGY LABORATORY

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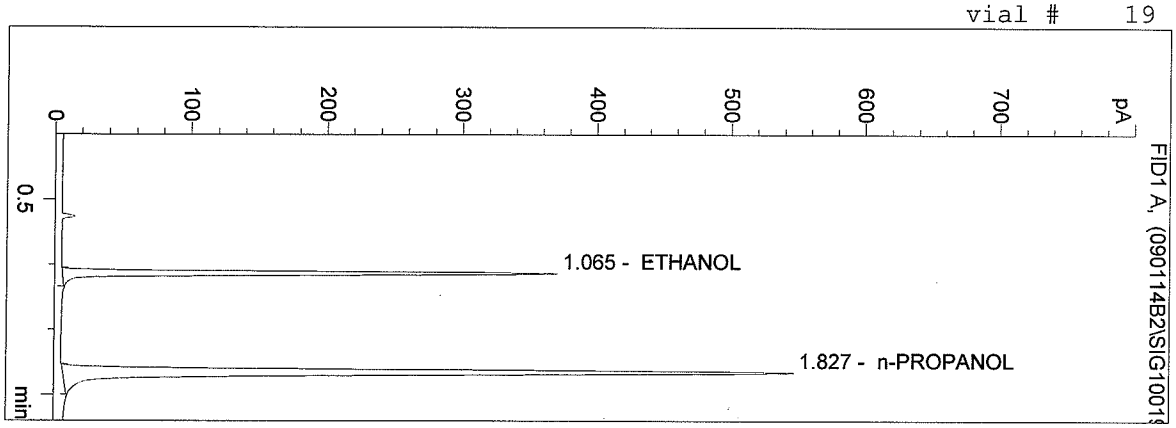
Instrument 3
db-alc2

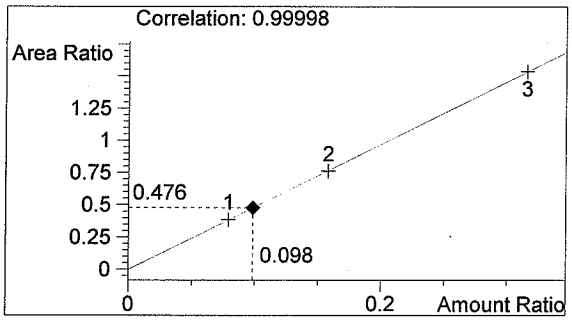
QAP0.08 09003 #3
Brianne E. Akins

vial # 19

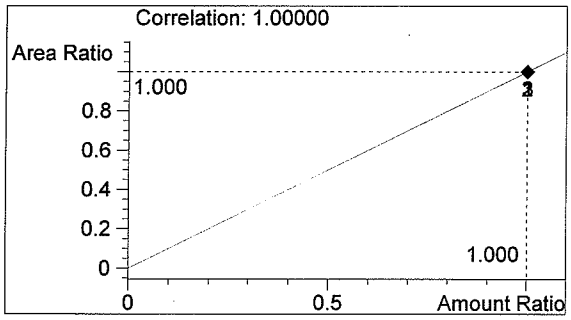


#	Compound	Area	RT
1	ETHANOL	731	1.065
2	n-PROPANOL	1535	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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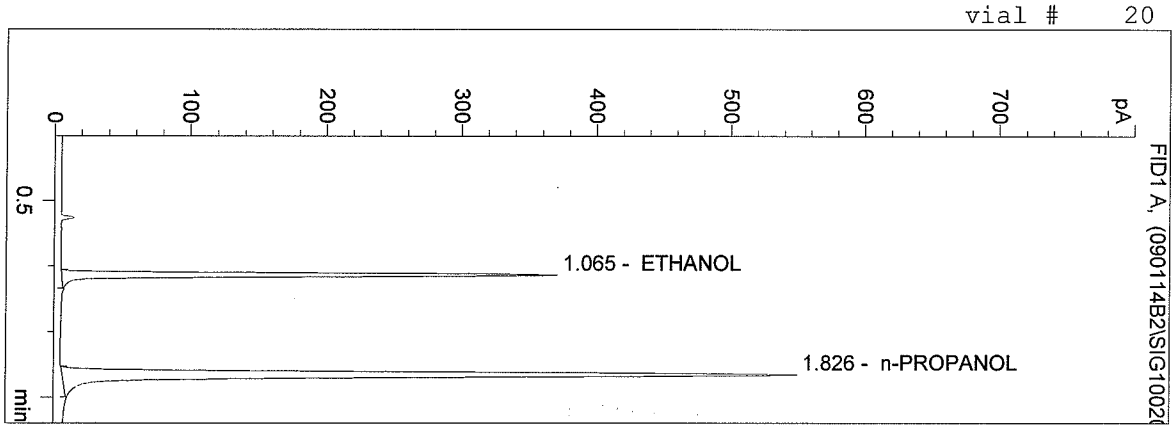
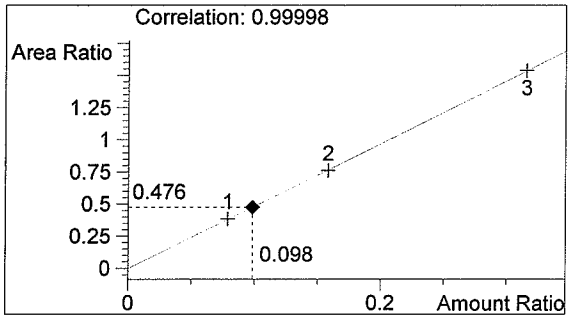
Instrument 3
db-alc2

QAP0.08 09003 #4
Brianne E. Akins

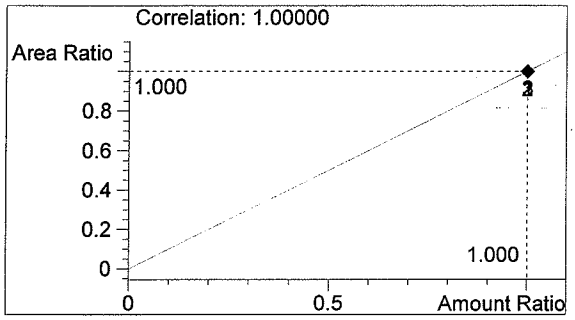
vial # 20



#	Compound	Area	RT
1	ETHANOL	734	1.065
2	n-PROPANOL	1541	1.826
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

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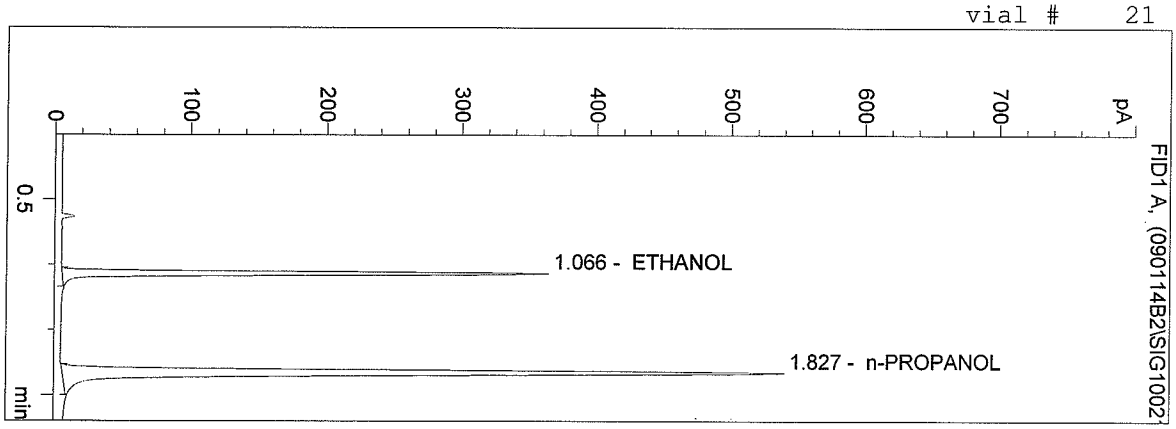
1/14/2009 2:01:43 PM
Instrument 3
db-alc2

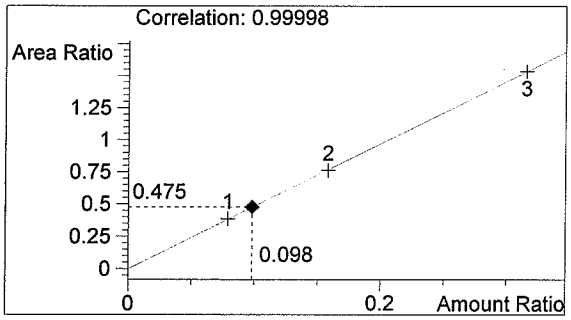
QAP0.08 09003 #5
Brianne E. Akins

vial # 21

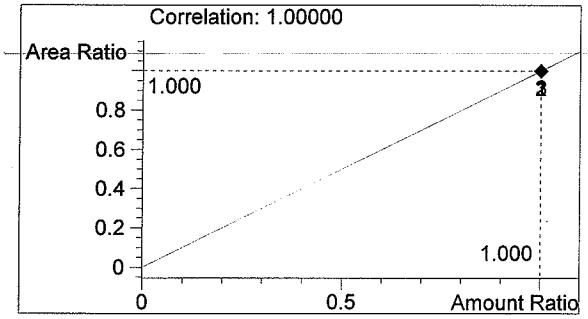


#	Compound	Area	RT
1	ETHANOL	719	1.066
2	n-PROPANOL	1512	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

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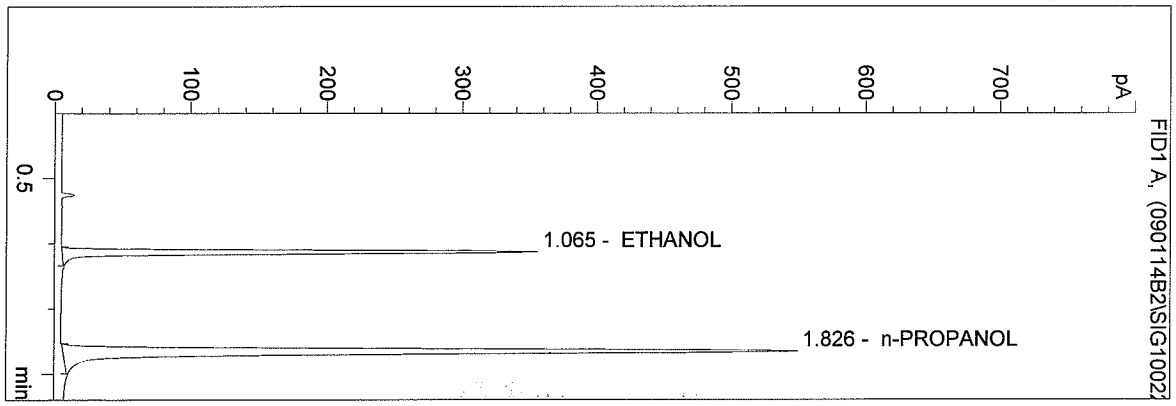
Instrument 3
db-alc2

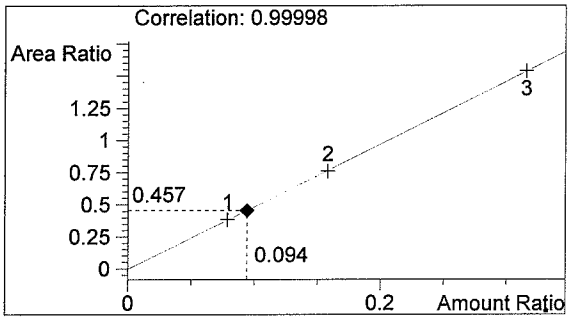
0.10 CONTROL-BA
Brianne E. Akins

vial # 22

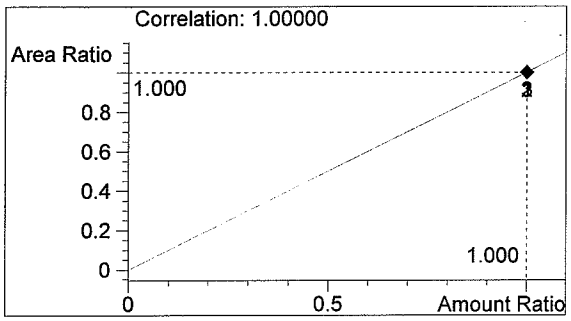


#	Compound	Area	RT
1	ETHANOL	703	1.065
2	n-PROPANOL	1539	1.826

Totals:



ETHANOL 0.094 g/100ml



n-PROPANOL 1.000 g/100ml

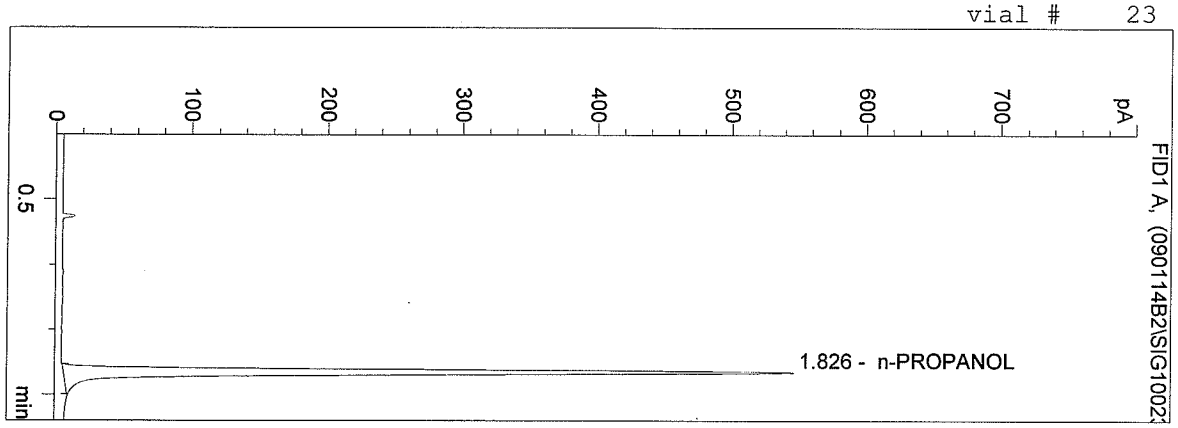
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/14/2009 2:07:57 PM
Instrument 3
db-alc2

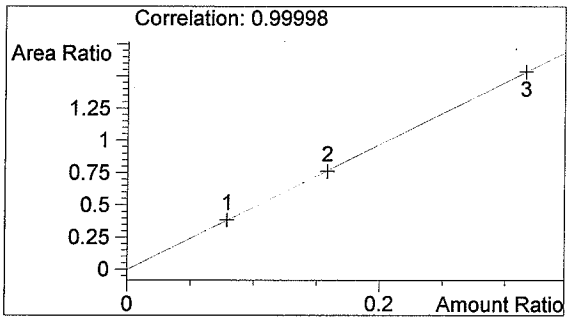
NEG CONTROL-BA
Brianne E. Akins

vial # 23

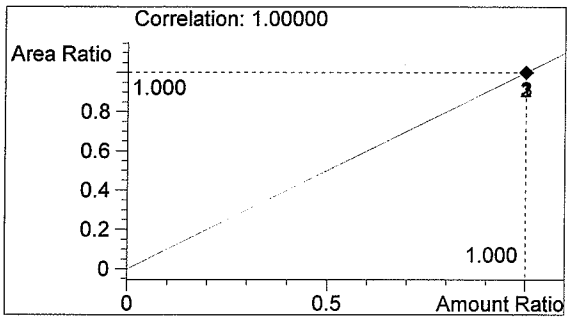


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1527	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BEA

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		

Sequence: C:\HPCHEM\1\SEQUENCE\CJQAPS.S

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!

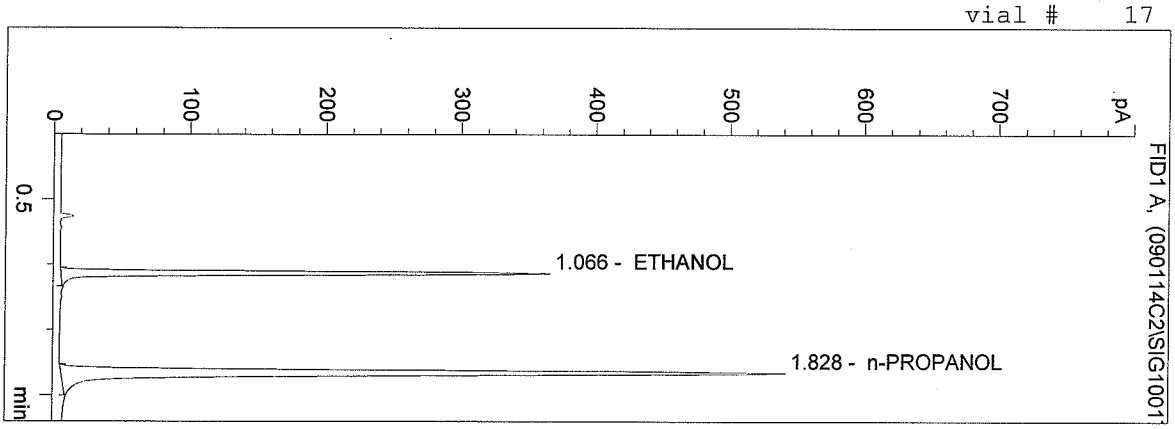
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/14/2009 6:41:12 PM
Instrument 3
db-alc2

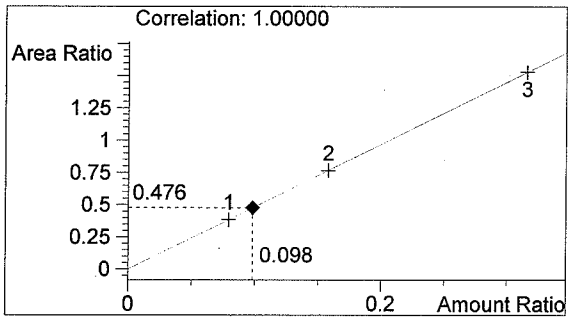
09003 #1
Chris Johnston

vial # 17

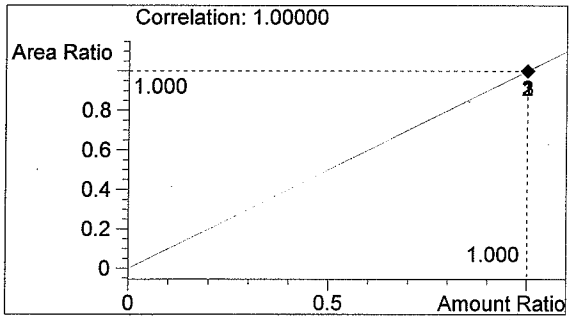


#	Compound	Area	RT
1	ETHANOL	724	1.066
2	n-PROPANOL	1522	1.828

Totals:



ETHANOL 0.098 g/100ml



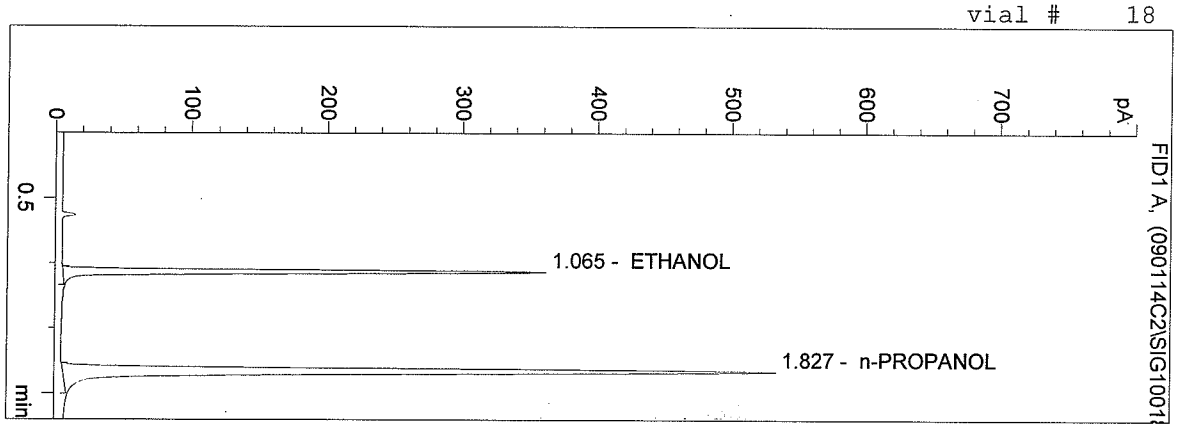
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

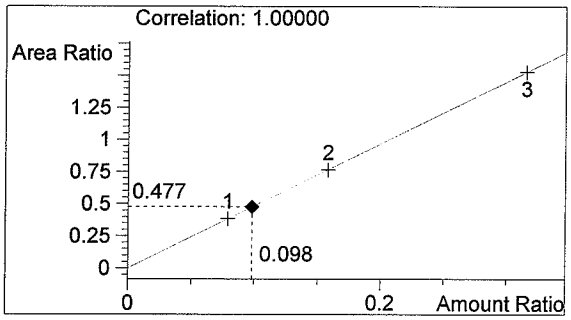
C:\HPCHEM\2\METHODS\SIMALC.M
1/14/2009 6:44:19 PM
Instrument 3
db-alc2

09003 #2
Chris Johnston

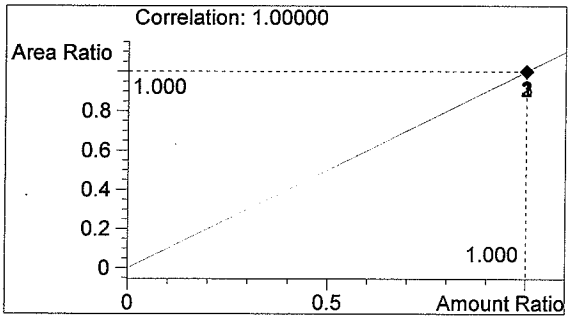
vial # 18



#	Compound	Area	RT
1	ETHANOL	715	1.065
2	n-PROPANOL	1500	1.827
Totals:			



ETHANOL 0.098 g/100ml



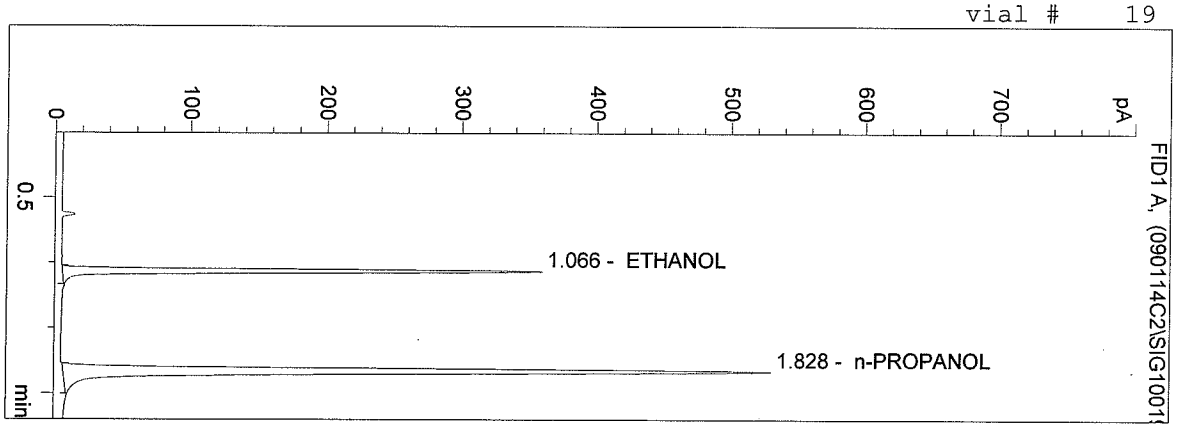
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/14/2009 6:47:26 PM
Instrument 3
db-alc2

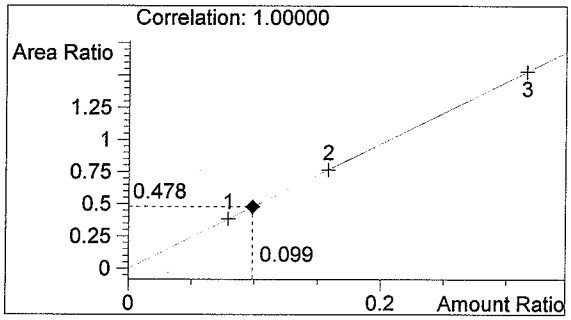
09003 #3
Chris Johnston

vial # 19

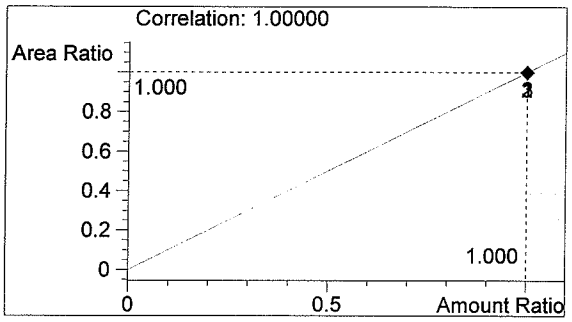


#	Compound	Area	RT
1	ETHANOL	709	1.066
2	n-PROPANOL	1484	1.828

Totals:



ETHANOL 0.099 g/100ml CJ



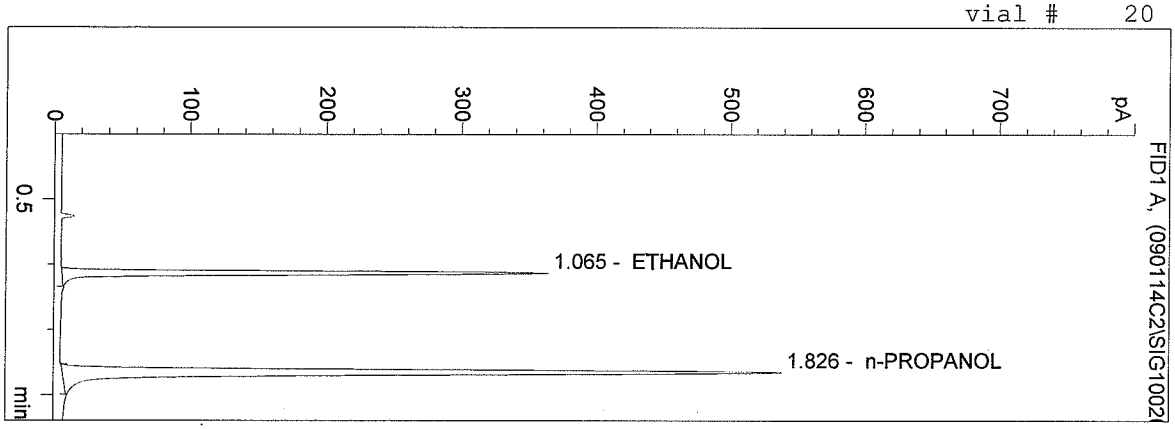
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/14/2009 6:50:33 PM
Instrument 3
db-alc2

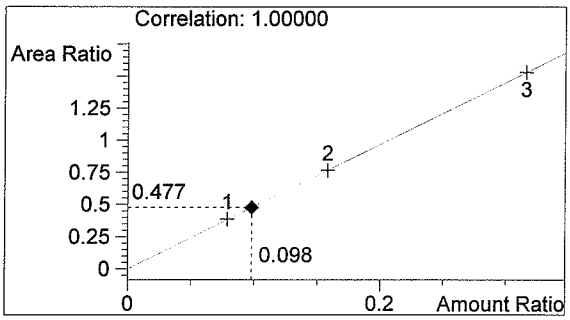
09003 #4
Chris Johnston

vial # 20

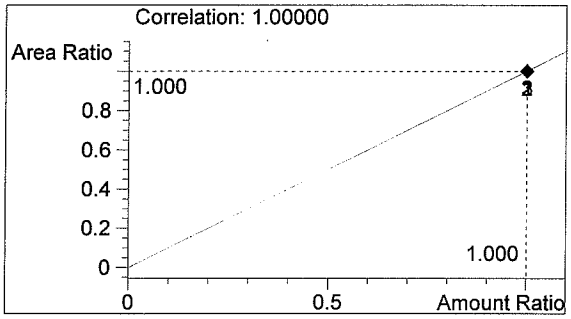


#	Compound	Area	RT
1	ETHANOL	721	1.065
2	n-PROPANOL	1512	1.826

Totals:



ETHANOL 0.098 g/100ml



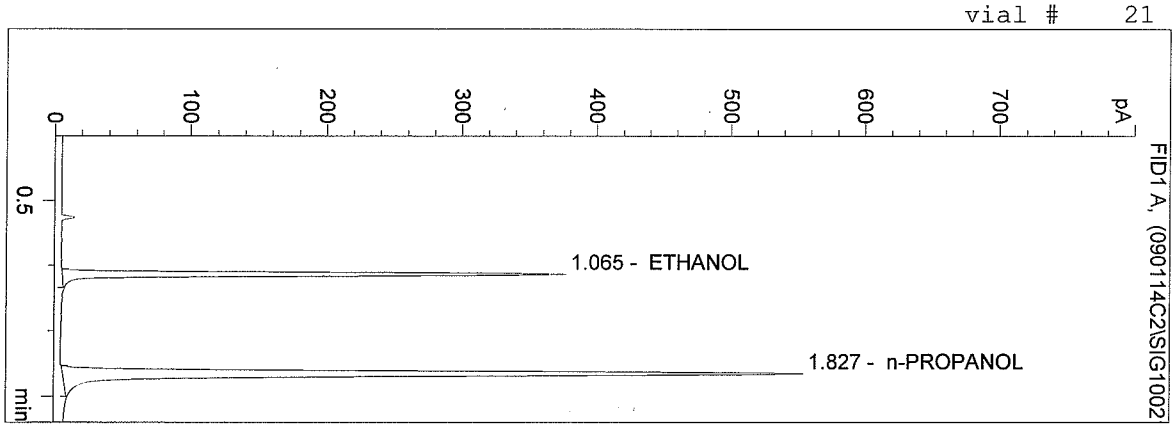
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/14/2009 6:53:40 PM
Instrument 3
db-alc2

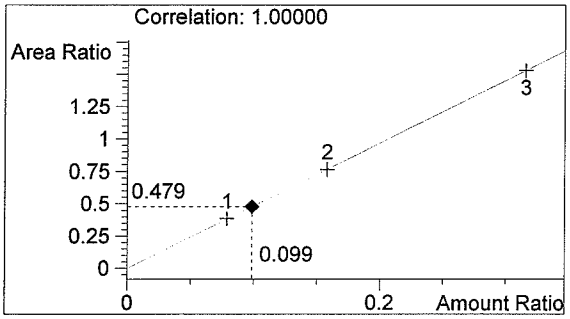
09003 #5
Chris Johnston

vial # 21

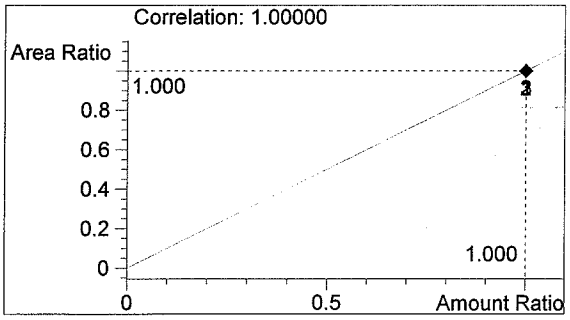


#	Compound	Area	RT
1	ETHANOL	745	1.065
2	n-PROPANOL	1557	1.827

Totals:



ETHANOL 0.099 g/100ml



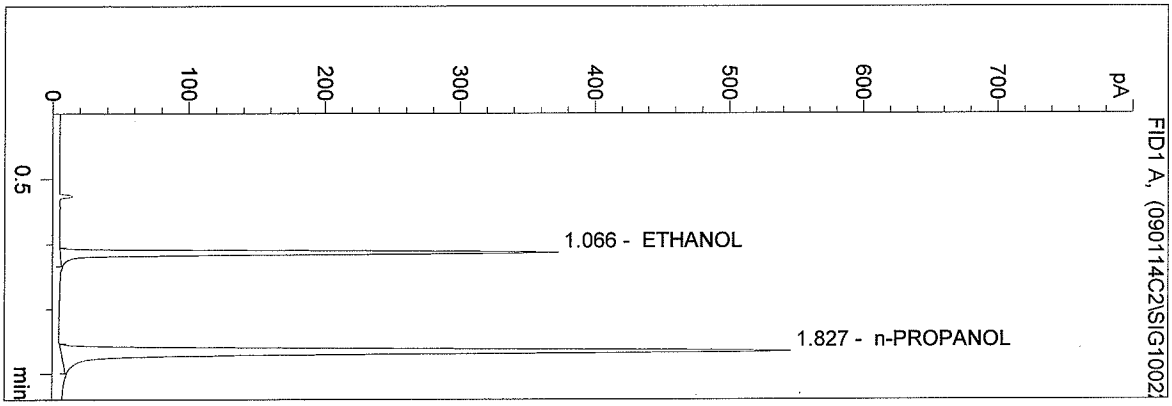
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
1/14/2009 6:56:48 PM
Instrument 3
db-alc2

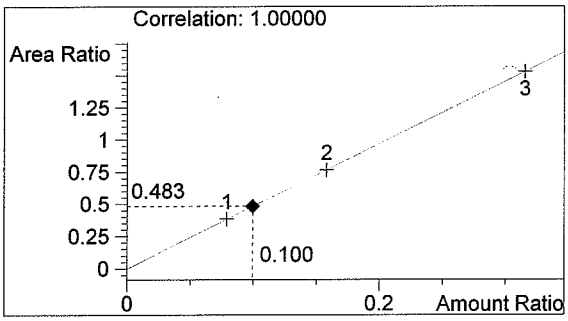
0.10 CONTROL-CJ
Chris Johnston

vial # 22

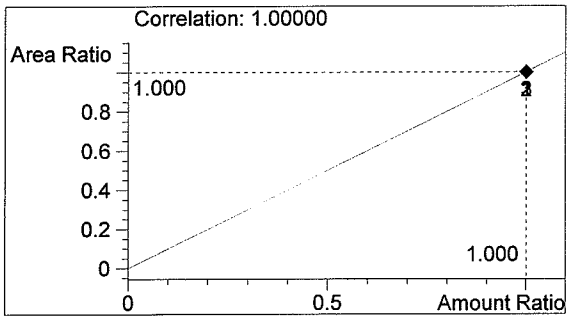


#	Compound	Area	RT
1	ETHANOL	738	1.066
2	n-PROPANOL	1530	1.827

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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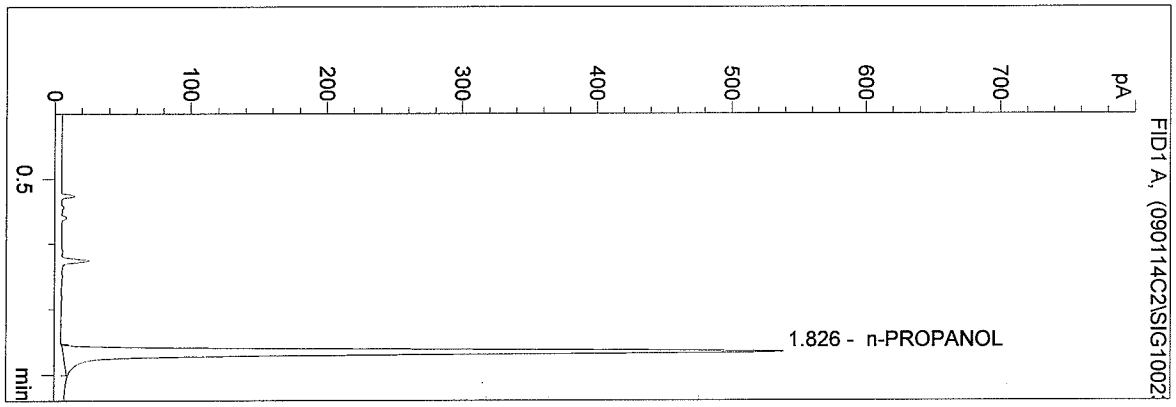
1/14/2009 6:59:55 PM
Instrument 3
db-alc2

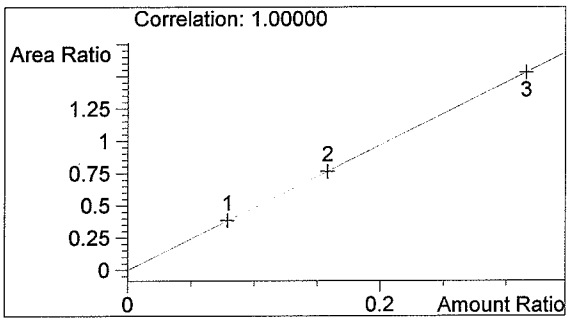
NEG CONTROL-CJ
Chris Johnston

vial # 23

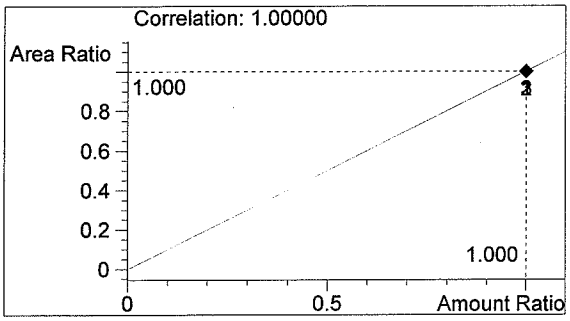


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1513	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

QAP SOLUTION PREPARATION WORKSHEET

Batch #: 09003

Preparer: N. Nawaylid

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~~	~~11.2 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: [signature] 1.9.09 Date