Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Denton / Gullberg **Date:** 9/8/2009

Location: FLSB HQ **Solution Batch Number:** 09032

	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 Test Report:	☒	☐	☐
Average solution concentration correct:	☒	☐	☐
Standard deviation correct:	☒	☐	☐
CV (%) correct:	☒	☐	☐
Equivalent vapor concentration correct:	☒	☐	☐
All chromatograms and sequences included in file:	☒	☐	☐
Ethanol control information present: (lot # present & used within expiration)	☒	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐	☐

Comments:

Reviewer Signature: R. Gullberg **Date:** 9-8-2009

Reviewer Signature: K. L. Denton **Date:** 9/8/2009

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 09032

CUSTOMER INFORMATION
Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 08/10/2009
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Asa Louis

	AL	CSJ	CM	JLK	LN	GA	SMS	BEA
1	0.099	0.100	0.100	0.100	0.102	0.102	0.098	0.100
2	0.100	0.100	0.101	0.100	0.103	0.103	0.099	0.100
3	0.101	0.100	0.099	0.100	0.103	0.103	0.098	0.100
4	0.102	0.100	0.100	0.100	0.099	0.103	0.099	0.100
5	0.103	0.100	0.101	0.100	0.099	0.102	0.097	0.100
C	0.100	0.099	0.098	0.098	0.100	0.100	0.099	0.098

ETHANOL CONTROL INFORMATION
LOT NUMBER: A064767 EXPIRATION: 04/2013 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1004 g/100mL
STANDARD DEVIATION: 0.00152
PRECISION CV (%): 1.51
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0816 g/210L**
EXPANDED UNCERTAINTY: ± 0.0038 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 9/8/09
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AL	Asa Louis		08/12/2009
CSJ	Christopher S. Johnston		08/13/2009
CM	Christie Mitchell		08/14/2009
JLK	Justin L. Knoy		08/14/2009
LN	Lisa Noble		08/14/2009
GA	Gwynyth Almendarez		08/14/2009
SMS	Sarah M. Swenson		08/20/2009
BEA	Brianne E. Akins		08/20/2009

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division.

Washington State Patrol - Toxicology Laboratory Division
ESS Test Report Calculation Record

External Standard Solution Batch #: 09032 **Date Prepared: 8/10/2009**

Analyst:	AJL	CM	JLK	LN	CSJ	GA	SS	BEA
Date Tested:	8/12/2009	8/14/2009	8/14/2009	8/14/2009	8/13/2009	8/14/2009	8/20/2009	8/20/2009
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.099	0.100	0.100	0.102	0.100	0.102	0.098	0.100
2	0.100	0.101	0.100	0.103	0.100	0.103	0.099	0.100
3	0.101	0.099	0.100	0.103	0.100	0.103	0.098	0.100
4	0.102	0.100	0.100	0.099	0.100	0.103	0.099	0.100
5	0.103	0.101	0.100	0.099	0.100	0.102	0.097	0.100
C	0.100	0.098	0.098	0.100	0.099	0.100	0.099	0.098

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	CV^2_{Bias}	$CV^2_{Part\ Coef}$
0.0000000900	0.0002279166	0.0000874546	0.0001333333	0.0001016326

Ethanol Control Lot #: A064767
Control Uncertainty (%): 0.03
Maximum (-) Control Bias: 0.002
Maximum (+) Control Bias: 0.000

Average Solution Concentration: 0.1004 g/100mL
Standard Deviation: 0.00152 g/100mL
Precision CV (%): 1.51
Equivalent Vapor Concentration: 0.0816 g/210L
Combined Standard Uncertainty (±): 0.0019 g/210L
Expanded Uncertainty (±): 0.0038 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton (Name) Melissa L. Pemberton (Signature) 8/22/09 (Date)

Calculations verified by: RODGGULLBERG (Name) (Signature) 9-8-2009 (Date) Method: EXCEL

Technical review of batch file performed by:

Melissa L. Pemberton (Name) Melissa L. Pemberton (Signature) 9/8/09 (Date)

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	AL	200908 24
Brian Capron		
Brianna Peterson		
Brianne Akins	BCA	8-24-09
Brittany Ball		
Christie Mitchell	CM	8/26/09
Christopher Johnston	CJ	8/25/09
Estuardo Miranda		
Gwynyth ~~Scherpereel~~	Almendarez GA 8/24/09	GA 8/24/09
Justin Knoy	JK	8-24-09
Lisa Noble	LN	8/25/09
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	8/24/09

09032

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 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09032

I, Asa J. Louis, 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: B.S. degree in Biochemistry and eight years of toxicology experience.

The external standard solution, Lot Number 09032, was prepared in the Washington State Toxicology Laboratory on 8/10/2009. 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 8/10/2010.

Seattle, WA

20090824

Asa J. Louis — Date

Forensic Toxicologist

AJL/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 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09032

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 external standard solution, Lot Number 09032, was prepared in the Washington State Toxicology Laboratory on 8/10/2009. 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 8/10/2010.

Seattle, WA

8/25/09

Christopher S. Johnston — Date
Forensic Toxicologist

CSJ/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 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09032

I, Christie Mitchell, 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: BA degree in Chemistry and MFS degree in Forensic Science.

The external standard solution, Lot Number 09032, was prepared in the Washington State Toxicology Laboratory on 8/10/2009. 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 8/10/2010.

Seattle, WA

Christie Mitchell 8/26/2009

Christie Mitchell Date

Forensic Toxicologist

CM/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 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09032

I, Justin L. Knoy, 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 Forensic Science.

The external standard solution, Lot Number 09032, was prepared in the Washington State Toxicology Laboratory on 8/10/2009. 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 8/10/2010.

Seattle, WA

8-24-09

Justin L. Knoy — Date

Forensic Toxicologist

JLK/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 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09032

I, Lisa Noble, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry and three years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 09032, was prepared in the Washington State Toxicology Laboratory on 8/10/2009. 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 8/10/2010.

Seattle, WA

Lisa Noble 8/25/09

Lisa Noble Date

Forensic Toxicologist

LN/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09032

I, Gwynyth Almendarez, 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 external standard solution, Lot Number 09032, was prepared in the Washington State Toxicology Laboratory on 8/10/2009. 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 8/10/2010.

Seattle, WA

Gwynyth Almendarez 8/24/09

Gwynyth Almendarez Date
Forensic Toxicologist

GA/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 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09032

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 six years of experience in forensic toxicology.

The external standard solution, Lot Number 09032, was prepared in the Washington State Toxicology Laboratory on 8/10/2009. 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 8/10/2010.

Seattle, WA

8/24/07

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09032

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 external standard solution, Lot Number 09032, was prepared in the Washington State Toxicology Laboratory on 8/10/2009. 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 8/10/2010.

Seattle, WA

Brianne E. Akins 8-24-09

Brianne E. Akins Date
Forensic Toxicologist

BEA/ik

Sequence Parameters:

Operator:	asa louis
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:	090812A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a067397 exp 09/2013
0.10 control lot# a064767 exp 04/2013
0.20 control lot# a064522 exp 04/2013

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 - al	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC	1	Ctrl Samp		
10	Vial 10	09032 #1	SIMALC	1	Sample		
11	Vial 11	09032 #2	SIMALC	1	Sample		
12	Vial 12	09032 #3	SIMALC	1	Sample		
13	Vial 13	09032 #4	SIMALC	1	Sample		
14	Vial 14	09032 #5	SIMALC	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC	1	Ctrl Samp		

AL 20090824

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	

AL 20090824

Sequence Table (Back Injector):

09032

No entries - empty table!

AM 20 9 3 8 2 4

AM 20 9 3 8 1 4

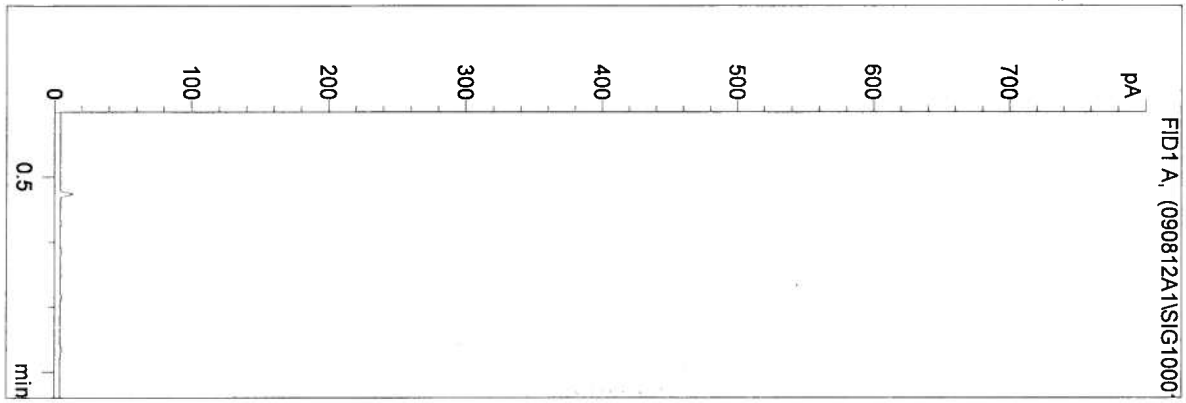
0 9 0 3 2

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 8:58:46 AM
Instrument 3
db-alc2

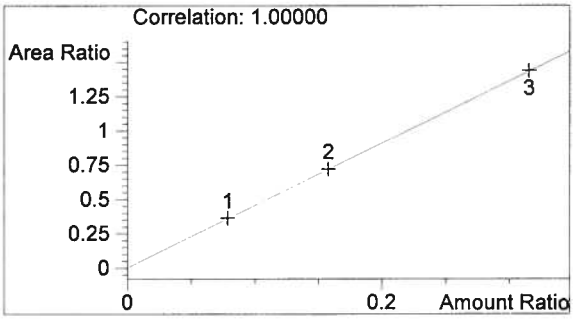
blank
asa louis

vial # 1

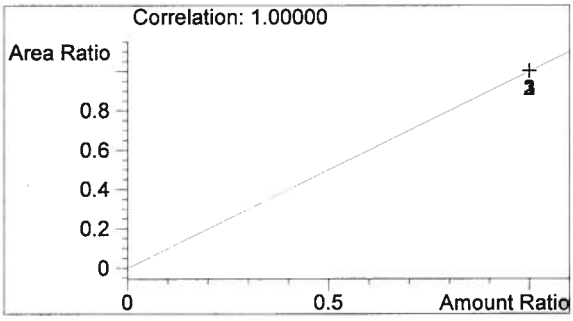


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

A 20092824

A 20092814

09

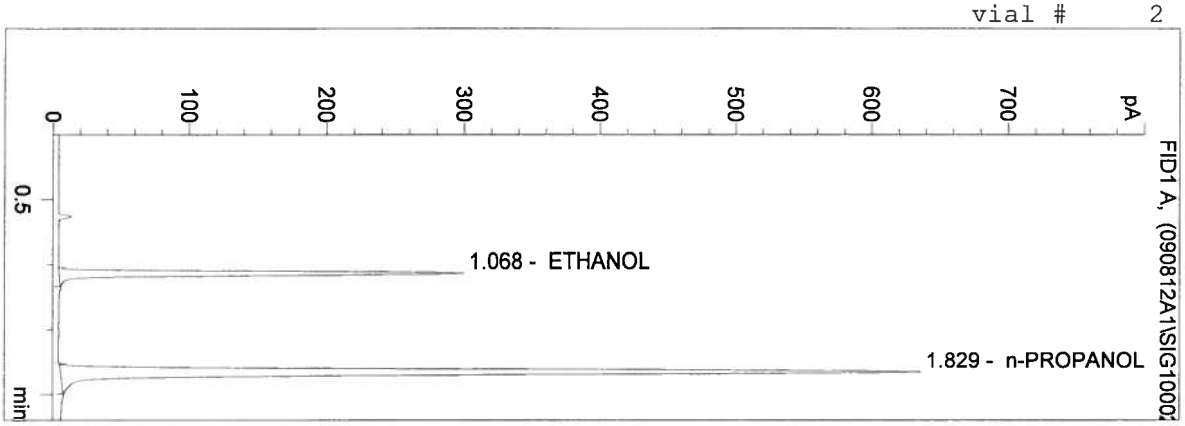
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:01:53 AM
Instrument 3
db-alc2

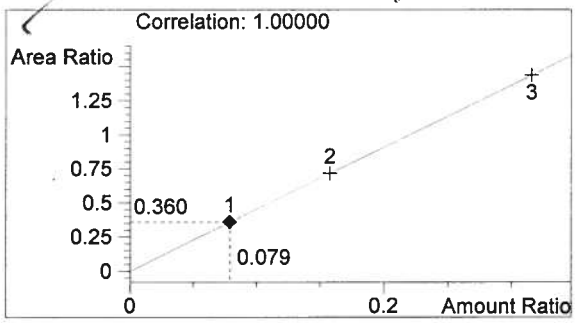
0.079 cal 1
asa louis

vial # 2

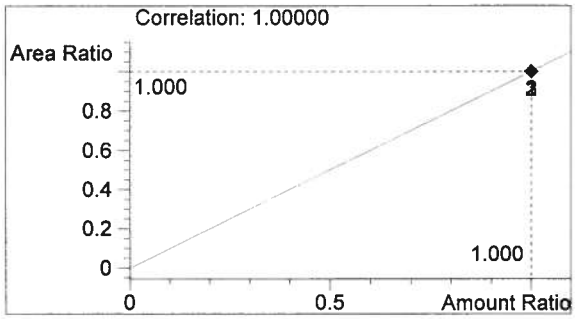


#	Compound	Area	RT
1	ETHANOL	657	1.068
2	n-PROPANOL	1827	1.829

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

AL 20090824

AL 20090814

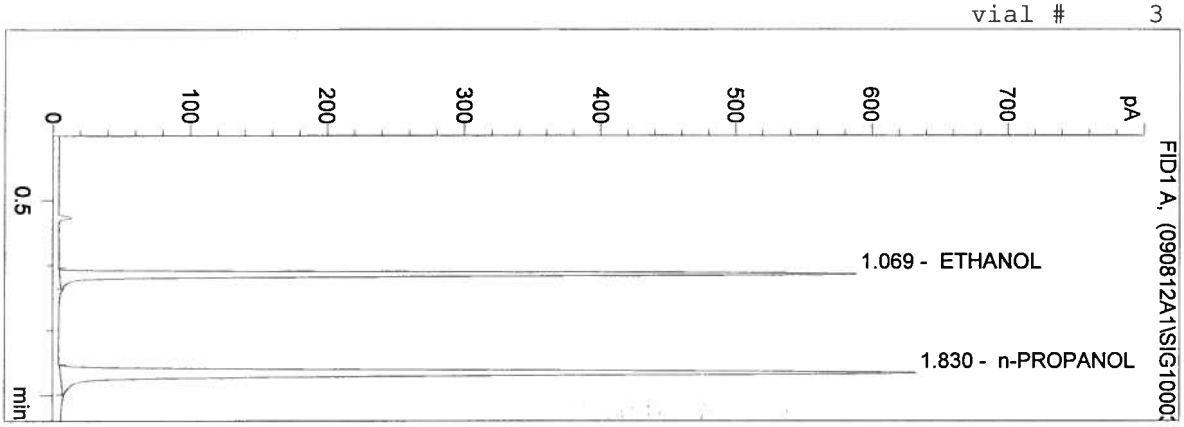
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:05:01 AM
Instrument 3
db-alc2

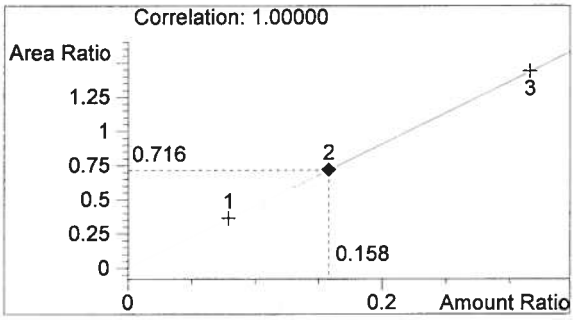
0.158 cal 2
asa louis

vial # 3

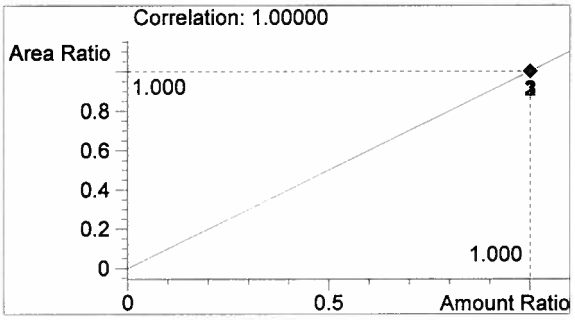


#	Compound	Area	RT
1	ETHANOL	1301	1.069
2	n-PROPANOL	1818	1.830

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

A 20090824

A 20090814

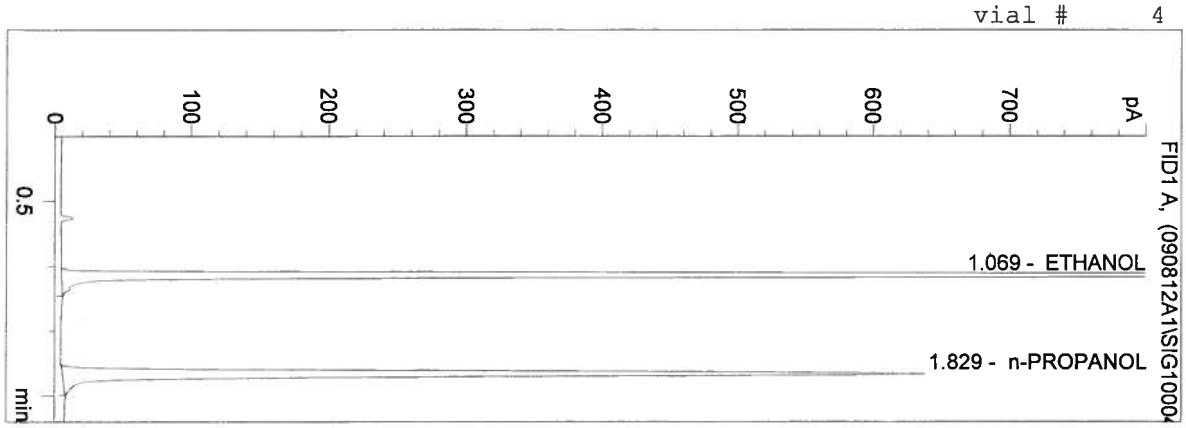
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:08:09 AM
Instrument 3
db-alc2

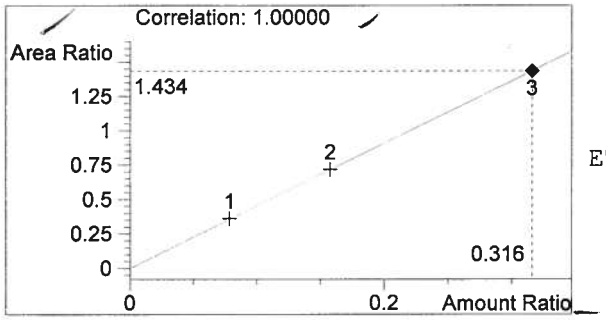
0.316 cal 3
asa louis

vial # 4

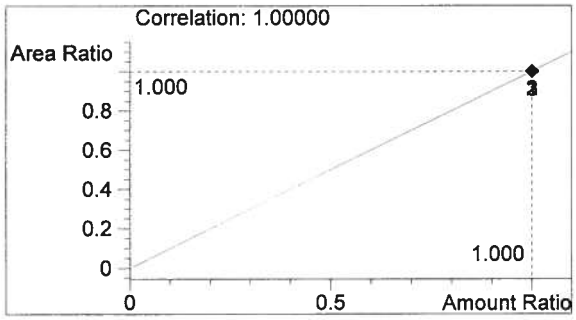


#	Compound	Area	RT
1	ETHANOL	2624	1.069
2	n-PROPANOL	1830	1.829

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

A 20090824

A 20090814

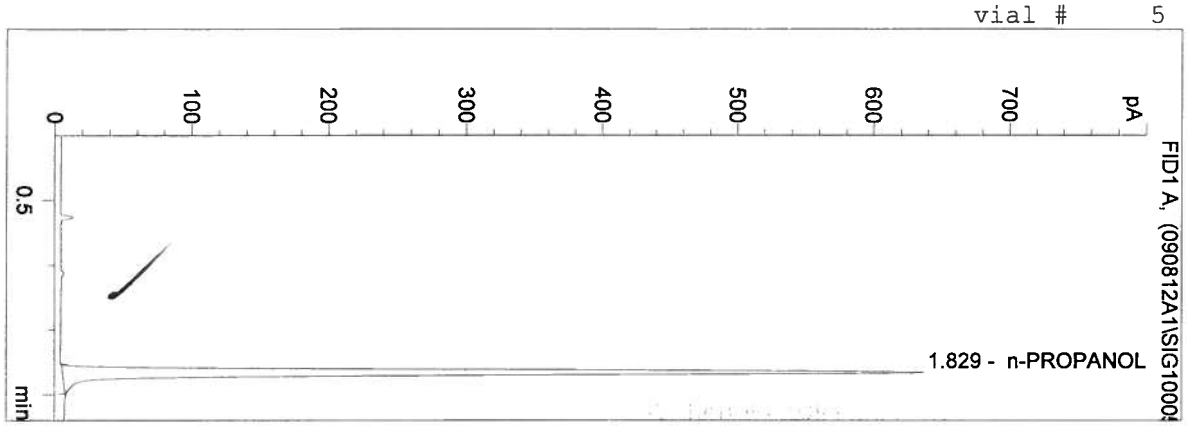
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:11:17 AM
Instrument 3
db-alc2

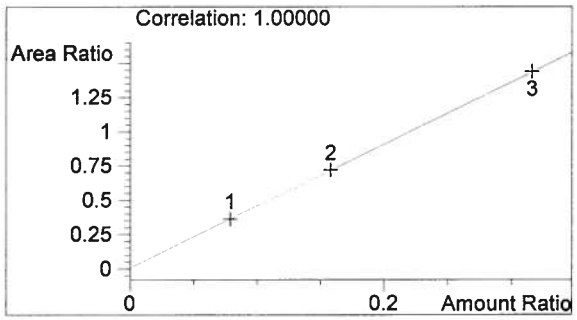
neg control - al
asa louis

vial # 5

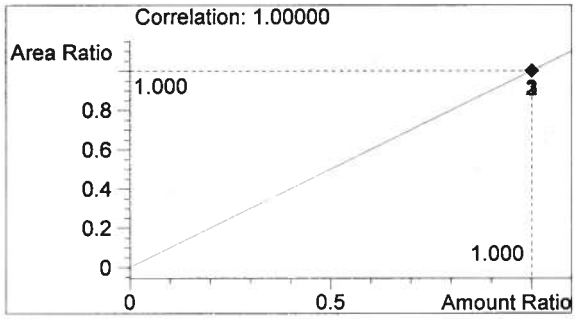


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1827	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

A 20090824

A 20090814

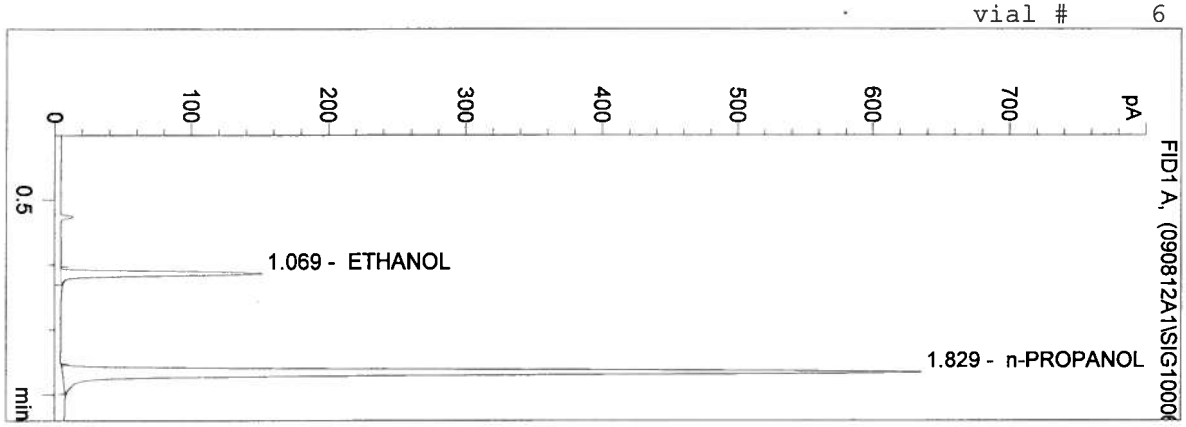
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:14:25 AM
Instrument 3
db-alc2

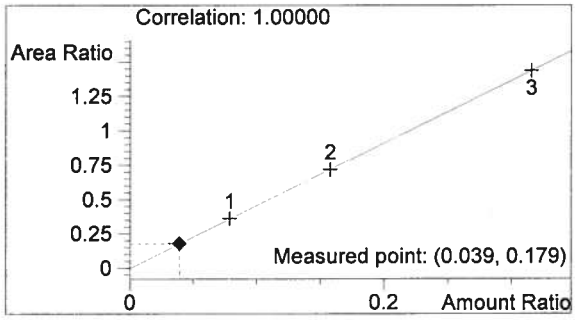
0.04 ctrl al
asa louis

vial # 6

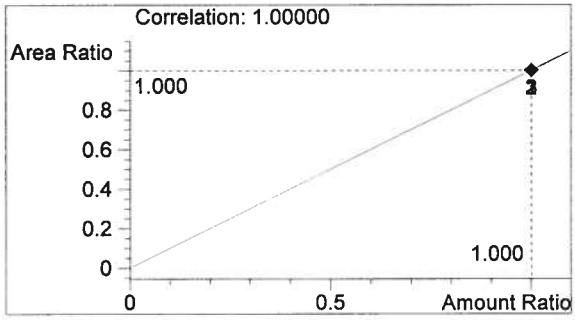


#	Compound	Area	RT
1	ETHANOL	326	1.069
2	n-PROPANOL	1824	1.829

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

AL 20090824

AL 20090814

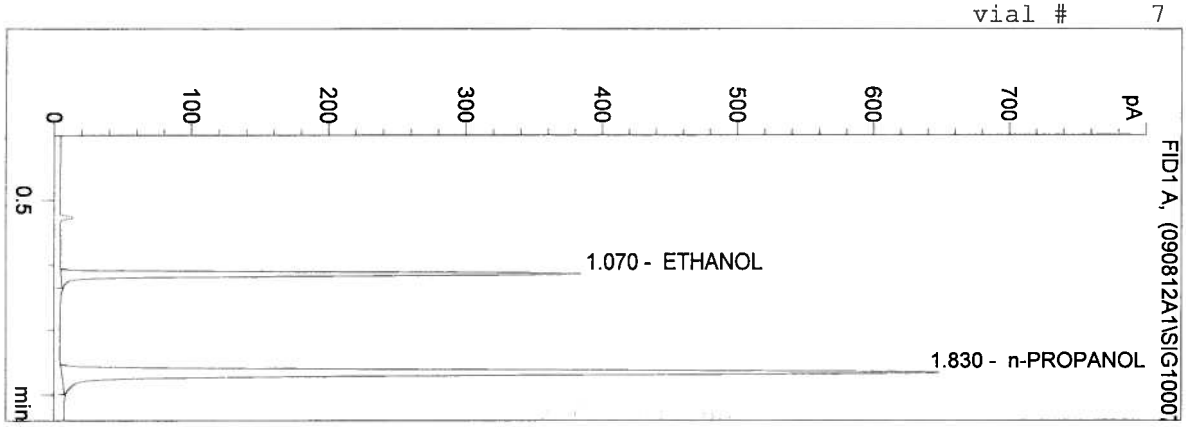
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:17:33 AM
Instrument 3
db-alc2

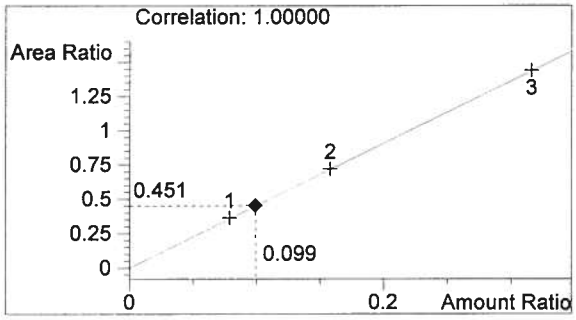
0.10 ctrl al
asa louis

vial # 7

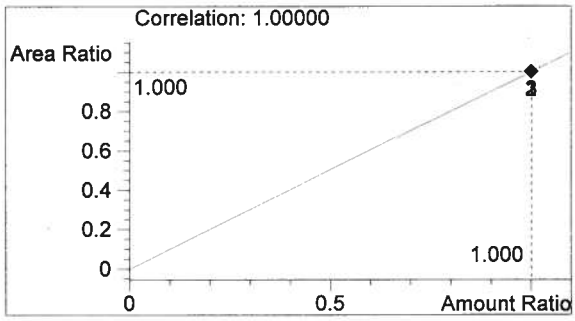


#	Compound	Area	RT
1	ETHANOL	837	1.070
2	n-PROPANOL	1858	1.830

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

AC 20090824

AC 20090814

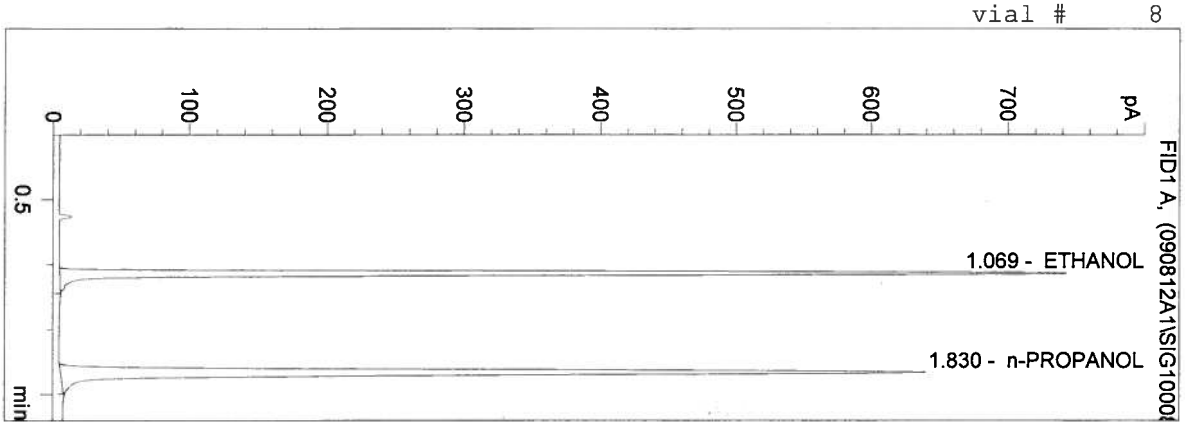
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

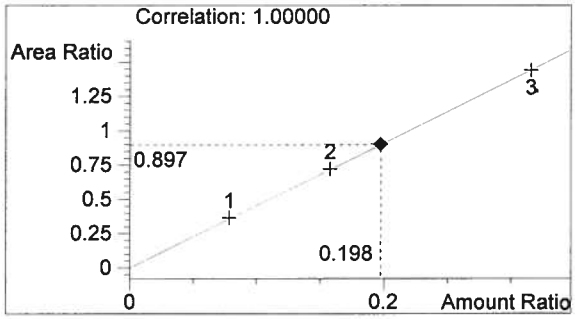
C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:20:41 AM
Instrument 3
db-alc2

0.20 ctrl al
asa louis

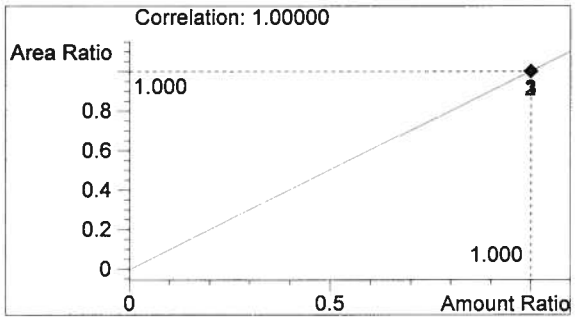
vial # 8



#	Compound	Area	RT
1	ETHANOL	1644	1.069
2	n-PROPANOL	1833	1.830
Totals:			



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

A 20090824

A 20090814

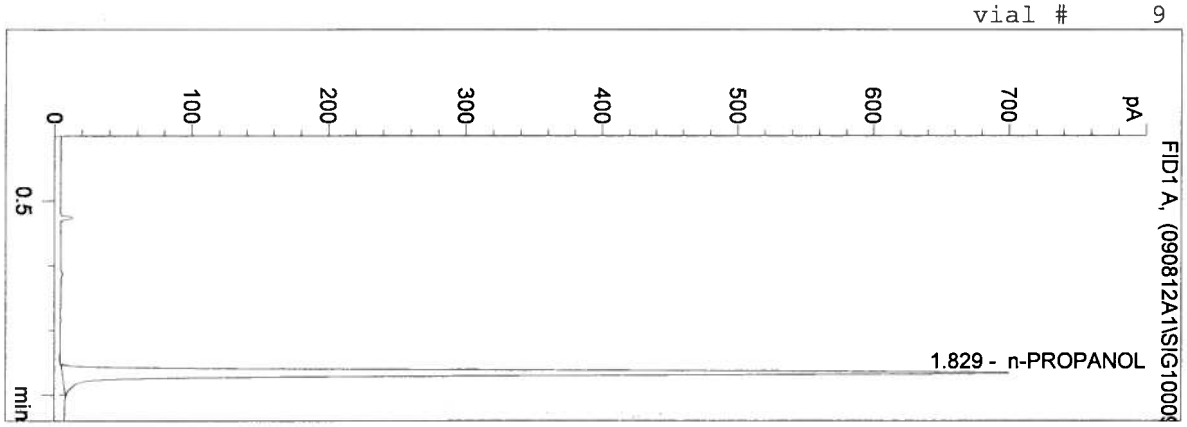
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:23:48 AM
Instrument 3
db-alc2

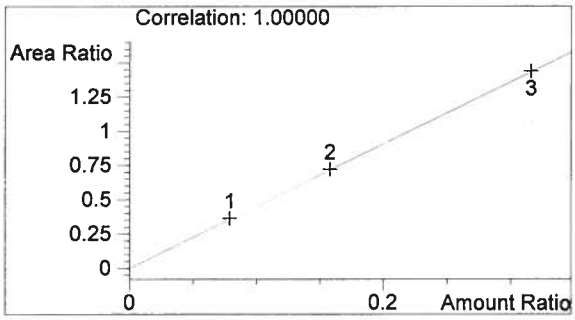
neg control - al
asa louis

vial # 9

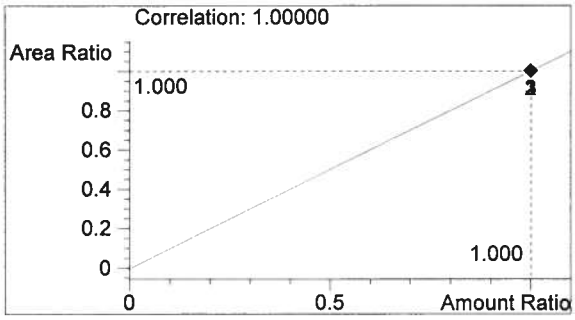


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2007	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

20090824

20090814

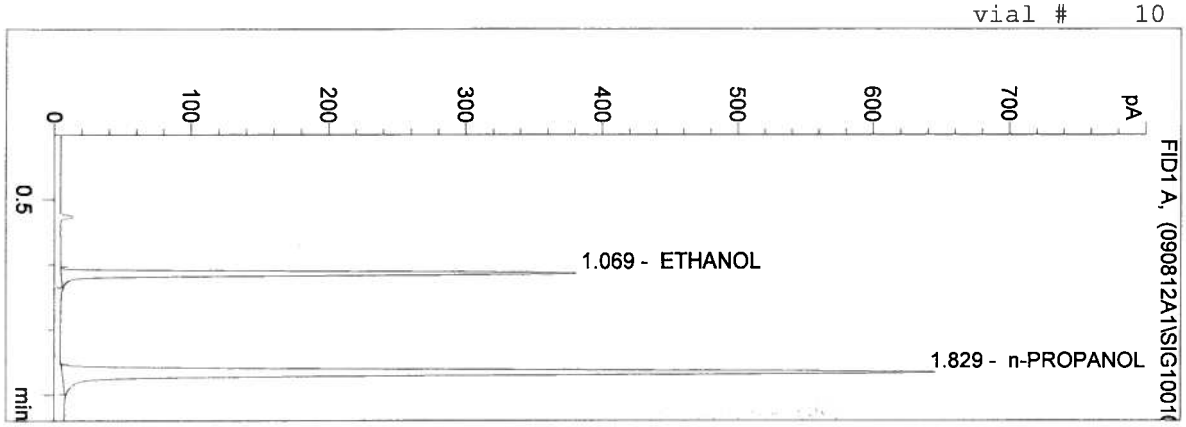
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:26:56 AM
Instrument 3
db-alc2

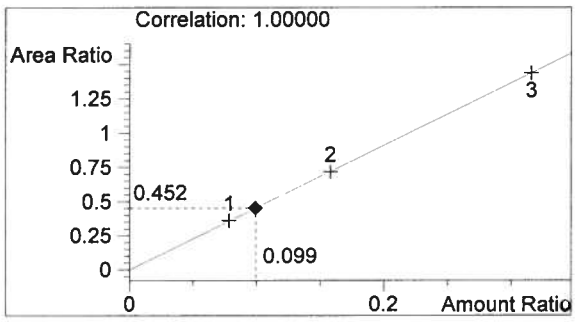
09032 #1
asa louis

vial # 10

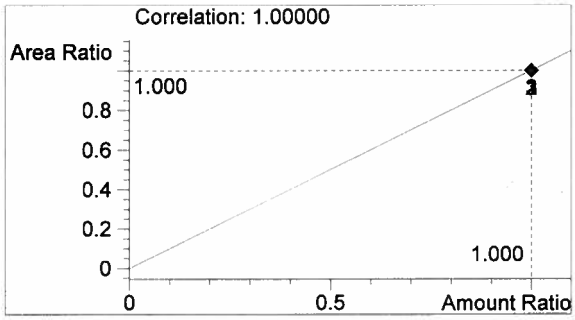


#	Compound	Area	RT
1	ETHANOL	837	1.069
2	n-PROPANOL	1853	1.829

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

AK 20090814

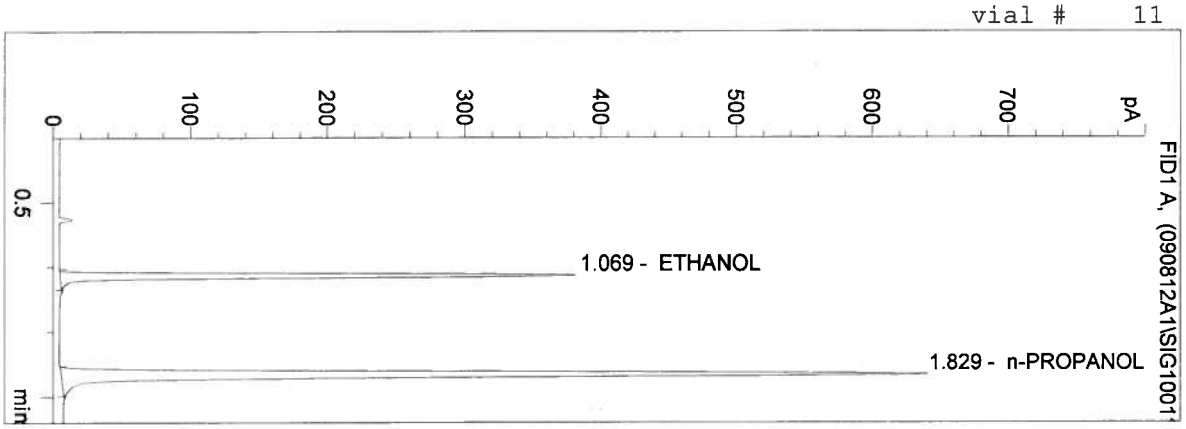
BC 20090824

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:30:04 AM
Instrument 3
db-alc2

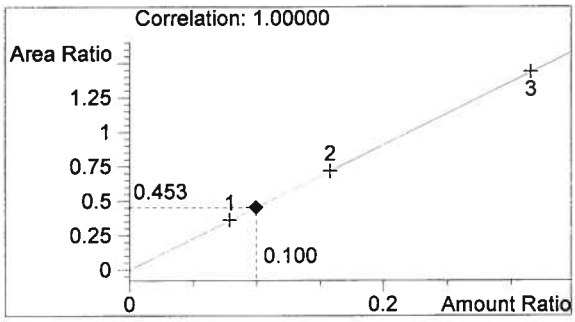
09032 #2
asa louis

vial # 11

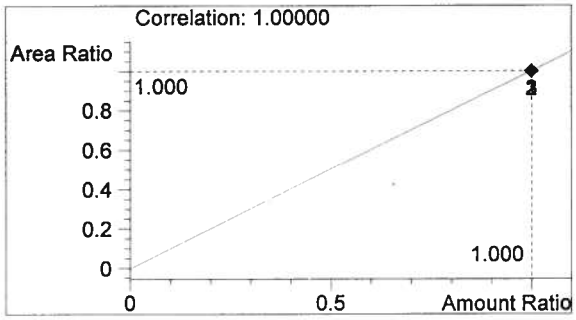


#	Compound	Area	RT
1	ETHANOL	833	1.069
2	n-PROPANOL	1838	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090814

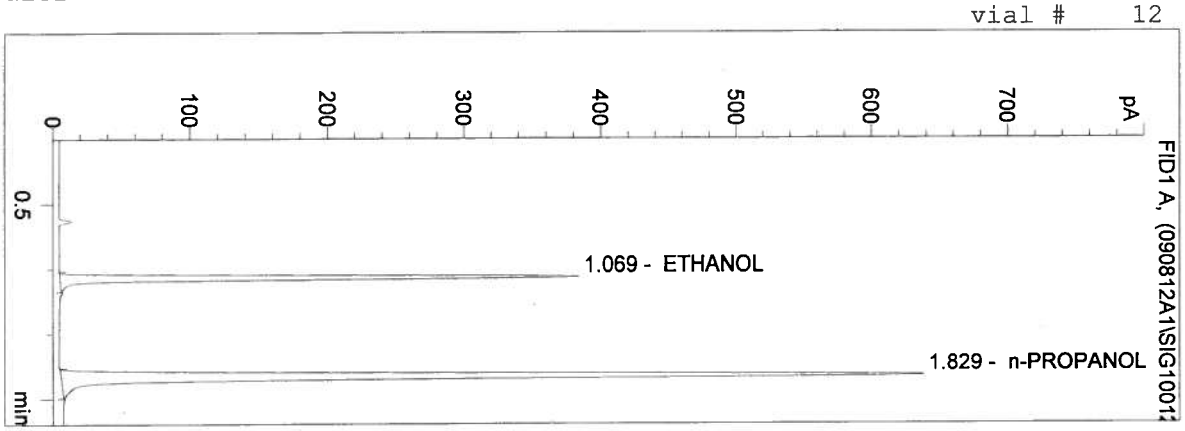
M
20090824

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:33:12 AM
Instrument 3
db-alc2

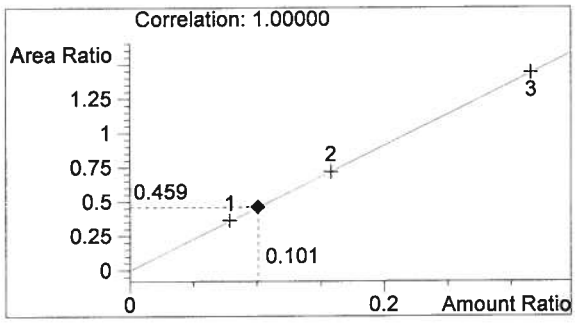
09032 #3
asa louis

vial # 12

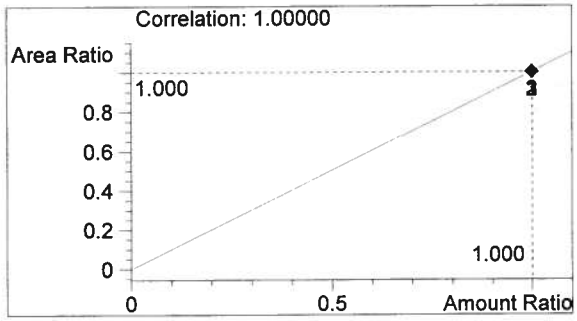


#	Compound	Area	RT
1	ETHANOL	838	1.069
2	n-PROPANOL	1827	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

AK 20090814

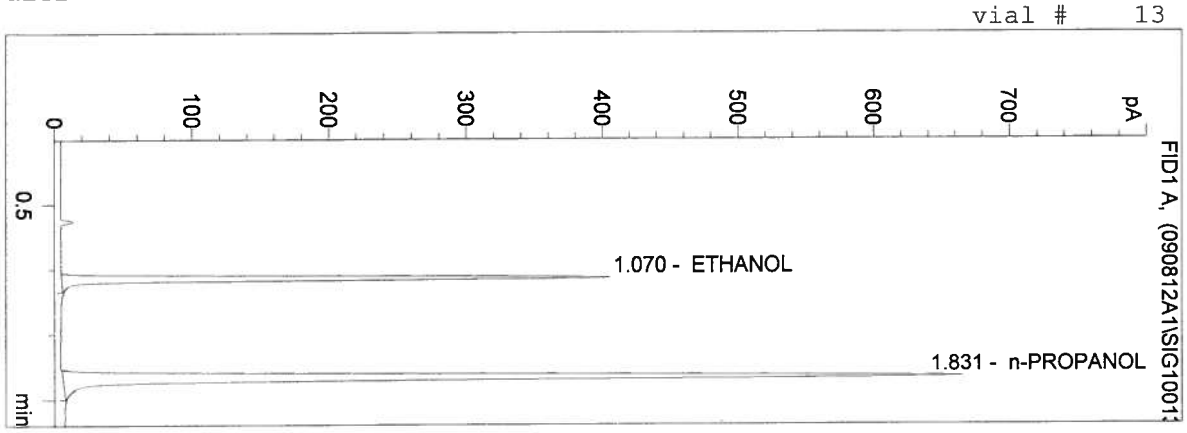
AK 20090824

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:36:20 AM
Instrument 3
db-alc2

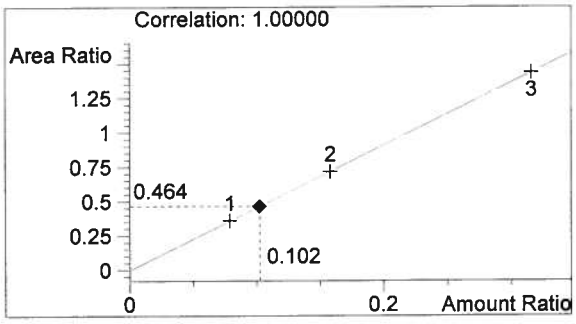
09032 #4
asa louis

vial # 13

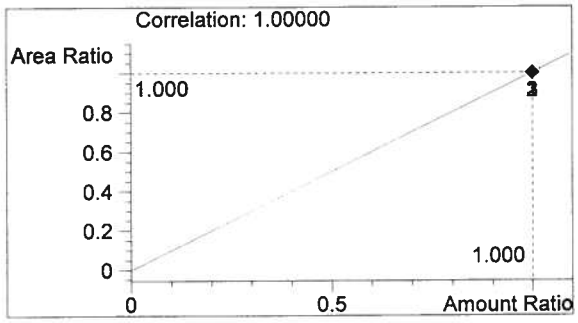


#	Compound	Area	RT
1	ETHANOL	882	1.070
2	n-PROPANOL	1900	1.831

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

AK
20090814

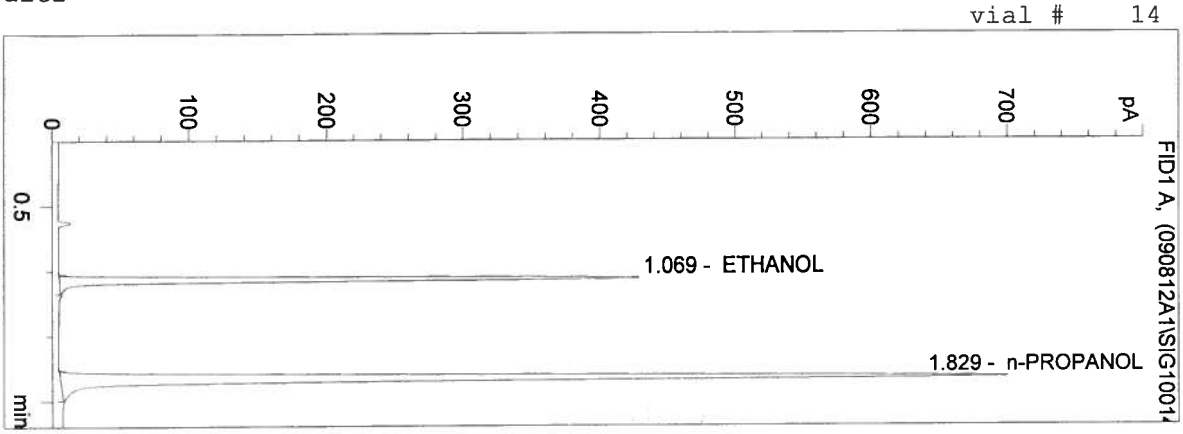
AK
20090824

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:39:28 AM
Instrument 3
db-alc2

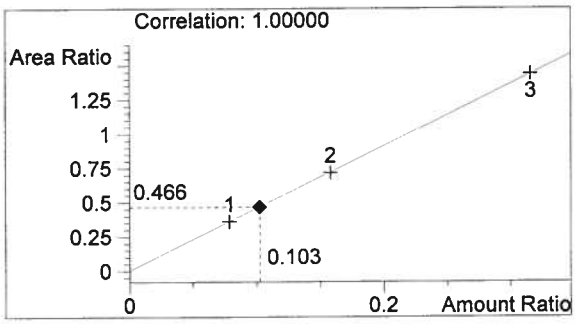
09032 #5
asa louis

vial # 14

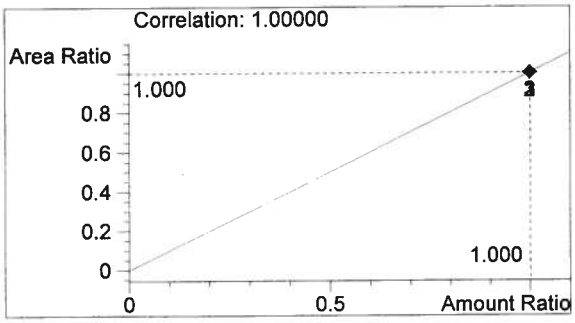


#	Compound	Area	RT
1	ETHANOL	931	1.069
2	n-PROPANOL	1999	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

A
20090814

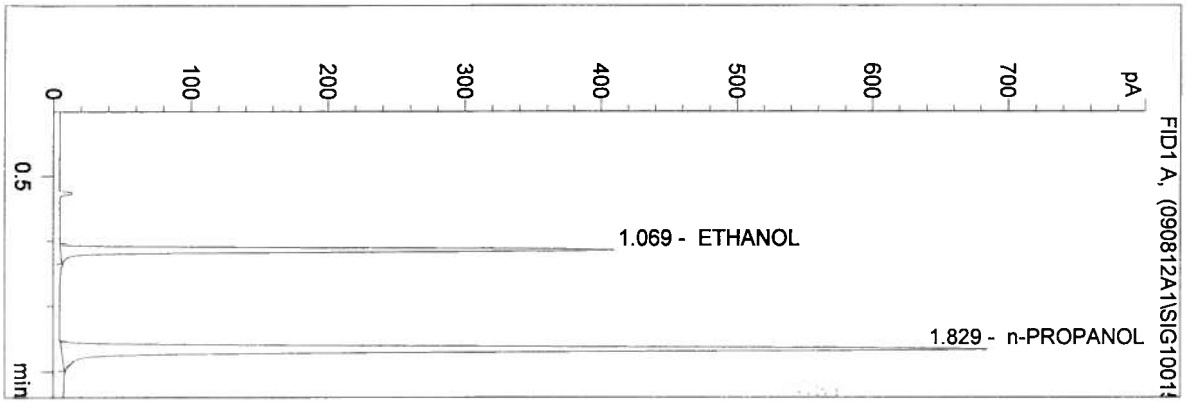
A
20090824

WASHINGTON STATE TOXICOLOGY LABORATORY

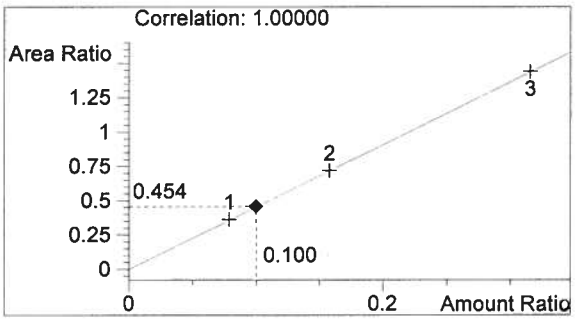
C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:42:36 AM
Instrument 3
db-alc2

0.10 ctrl al
asa louis

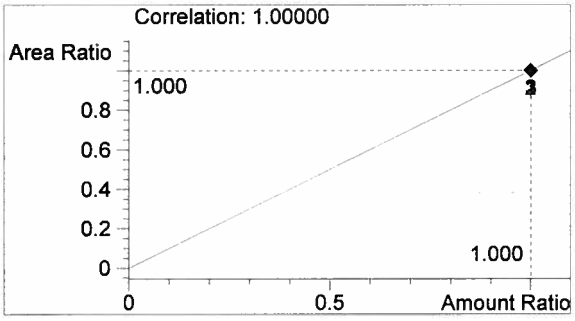
vial # 15



#	Compound	Area	RT
1	ETHANOL	889	1.069
2	n-PROPANOL	1957	1.829
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090814

AL
20090824

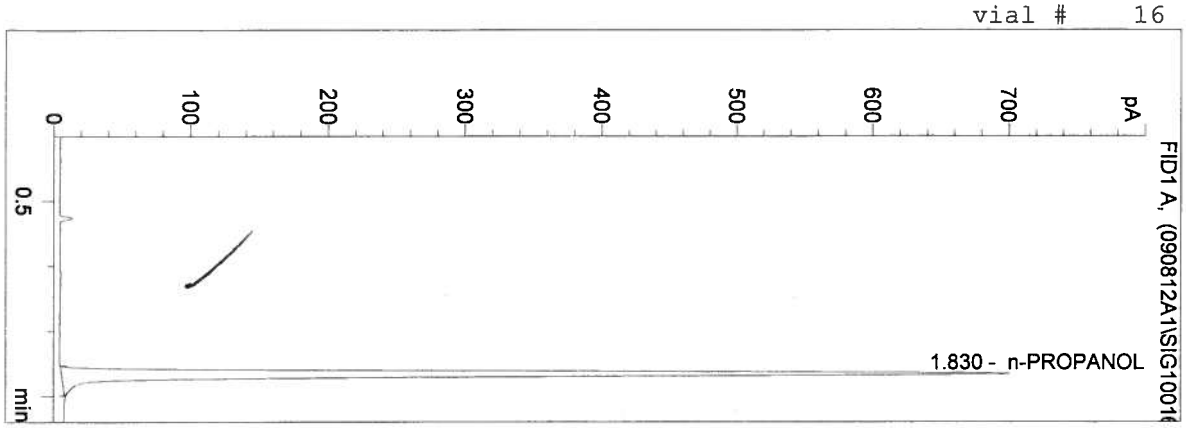
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/12/2009 9:45:44 AM
Instrument 3
db-alc2

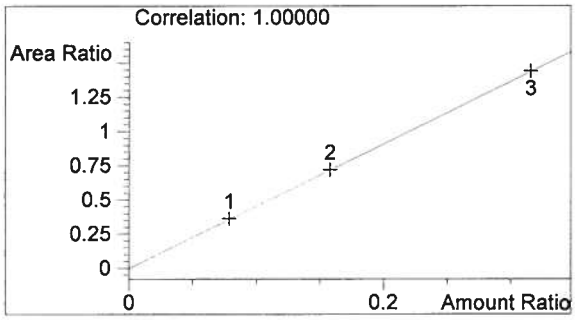
neg control - al
asa louis

vial # 16

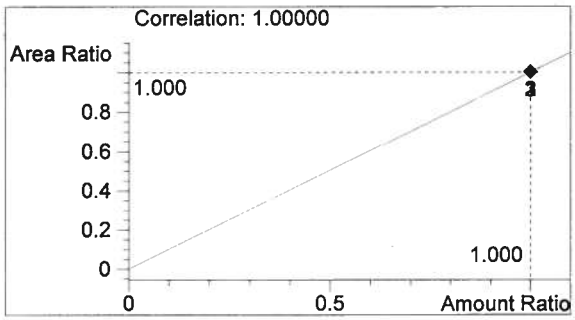


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2003	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

A
20090811

A
20090824

0 5 6 3 2

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:	090813CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	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 CTRL-CJ	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		
10	Vial 10	09032 #1 CJ	SIMALC	1	Sample		
11	Vial 11	09032 #2 CJ	SIMALC	1	Sample		
12	Vial 12	09032 #3 CJ	SIMALC	1	Sample		
13	Vial 13	09032 #4 CJ	SIMALC	1	Sample		
14	Vial 14	09032 #5 CJ	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	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!

09032

C/

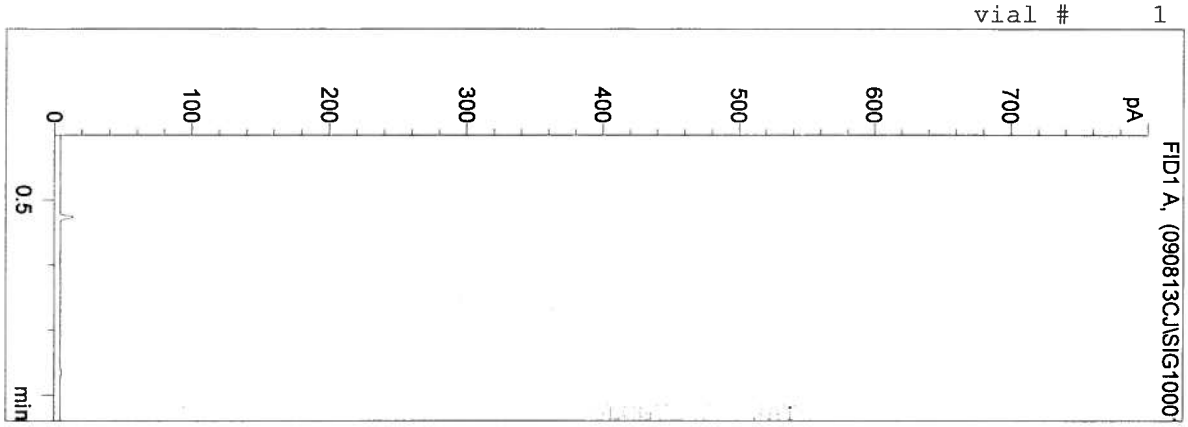
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 10:43:12 AM
Instrument 3
db-alc2

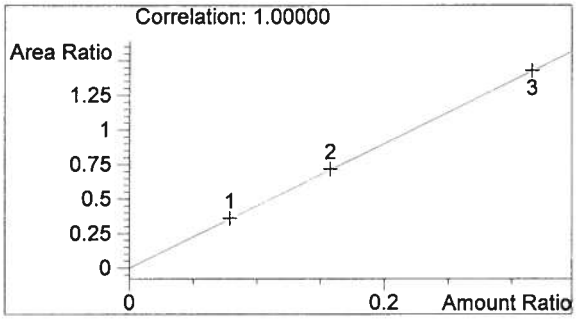
BLANK-CJ
Chris Johnston

vial # 1

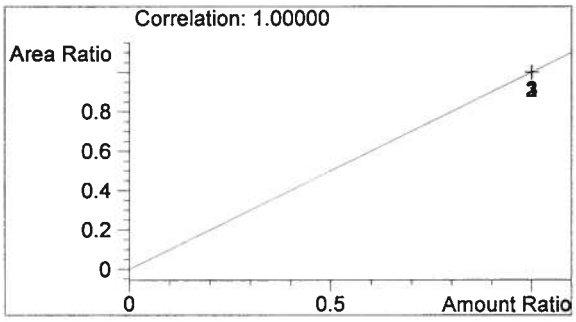


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

aJ

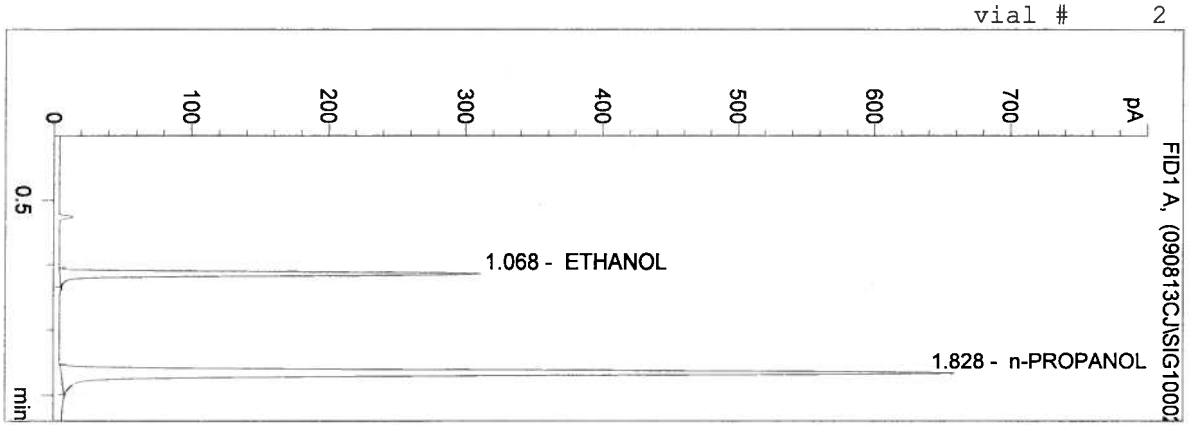
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 10:46:20 AM
Instrument 3
db-alc2

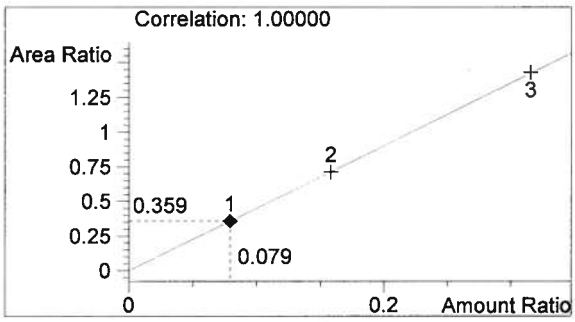
0.079 CAL 1
Chris Johnston

vial # 2

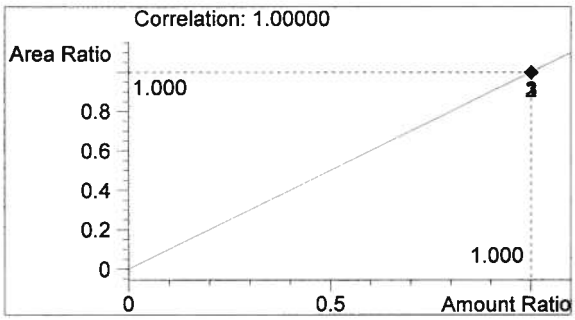


#	Compound	Area	RT
1	ETHANOL	676	1.068
2	n-PROPANOL	1886	1.828

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

C/

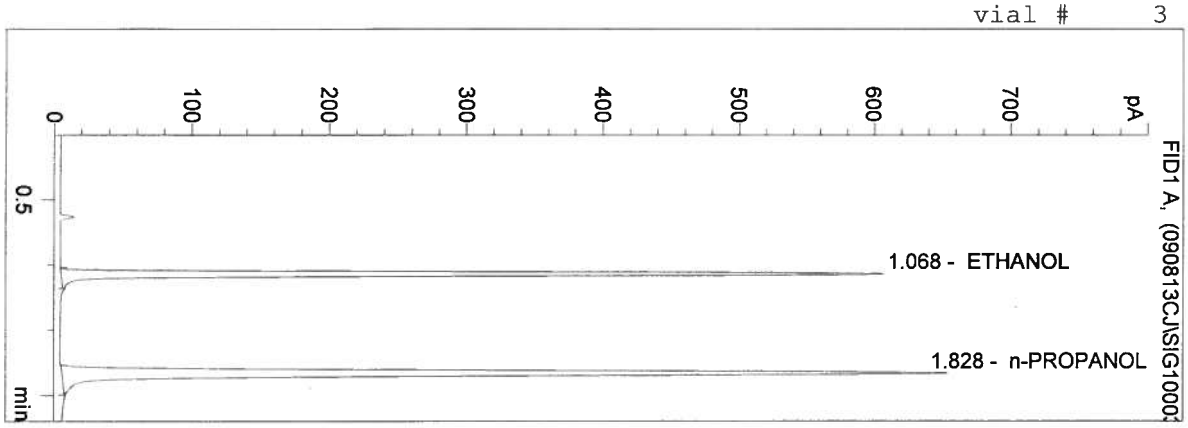
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 10:49:28 AM
Instrument 3
db-alc2

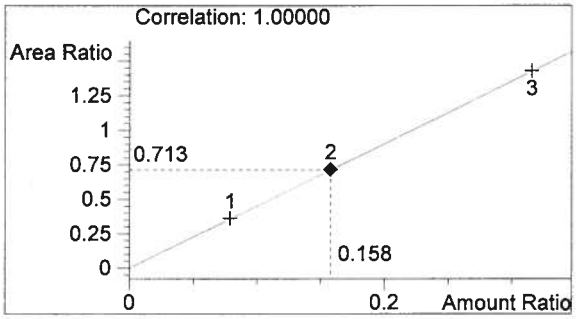
0.158 CAL 2
Chris Johnston

vial # 3

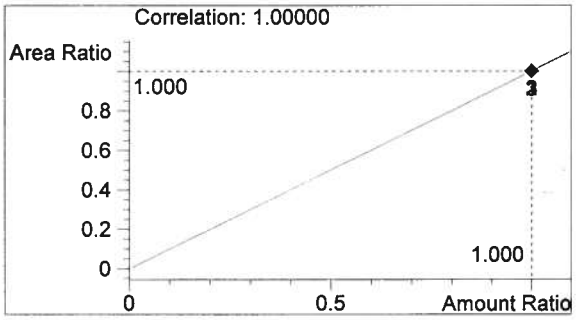


#	Compound	Area	RT
1	ETHANOL	1338	1.068
2	n-PROPANOL	1877	1.828

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

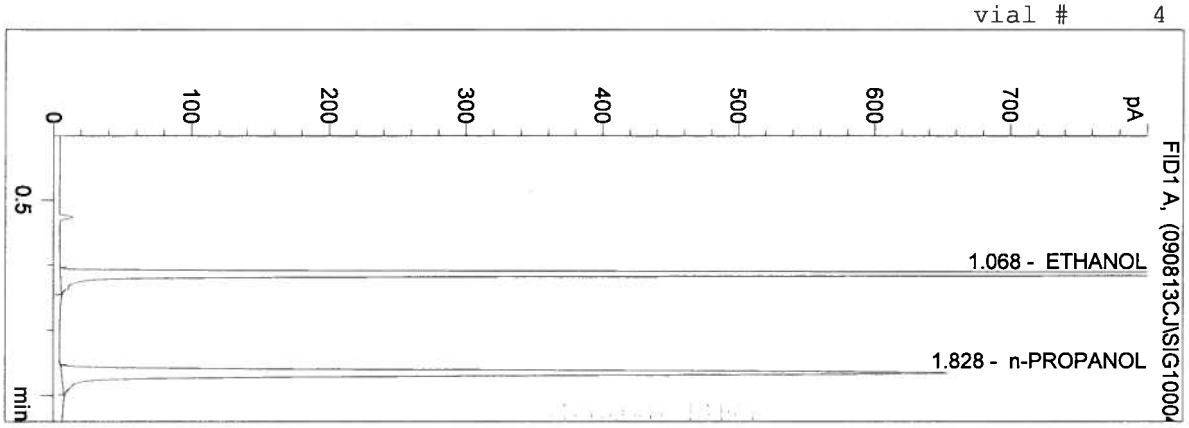
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 10:52:36 AM
Instrument 3
db-alc2

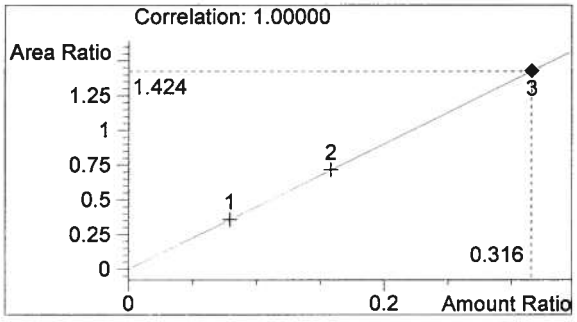
0.316 CAL 3
Chris Johnston

vial # 4

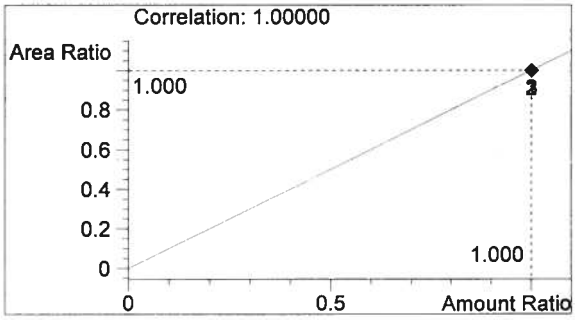


#	Compound	Area	RT
1	ETHANOL	2665	1.068
2	n-PROPANOL	1871	1.828

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

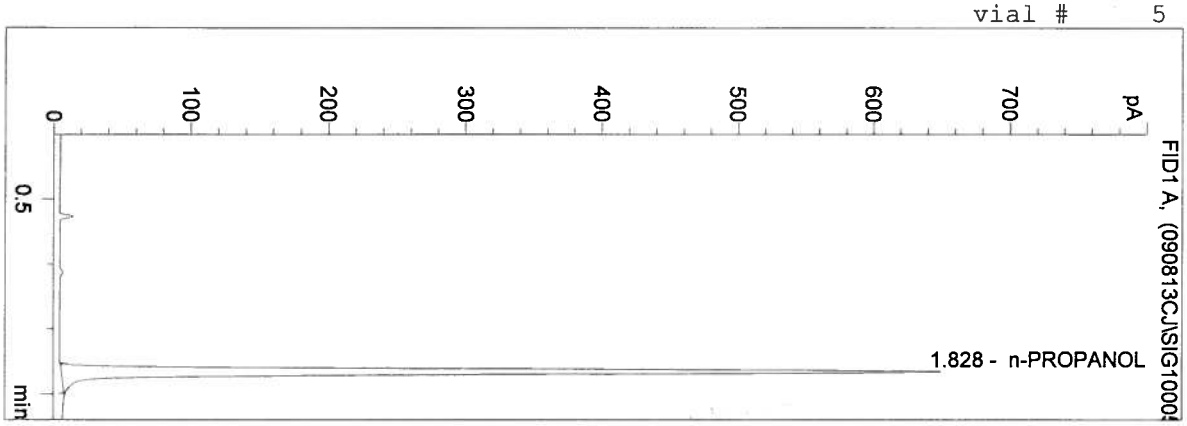
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 10:55:44 AM
Instrument 3
db-alc2

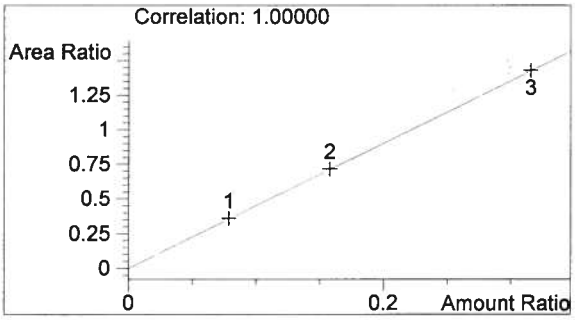
NEG CTRL-CJ
Chris Johnston

vial # 5

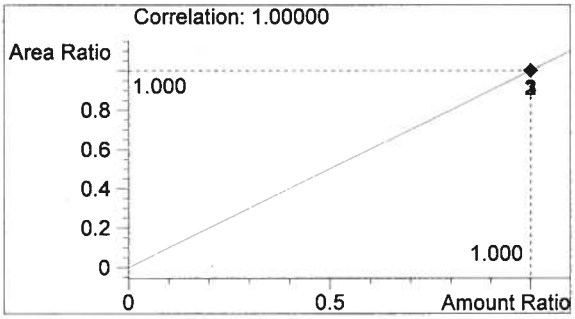


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1869	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

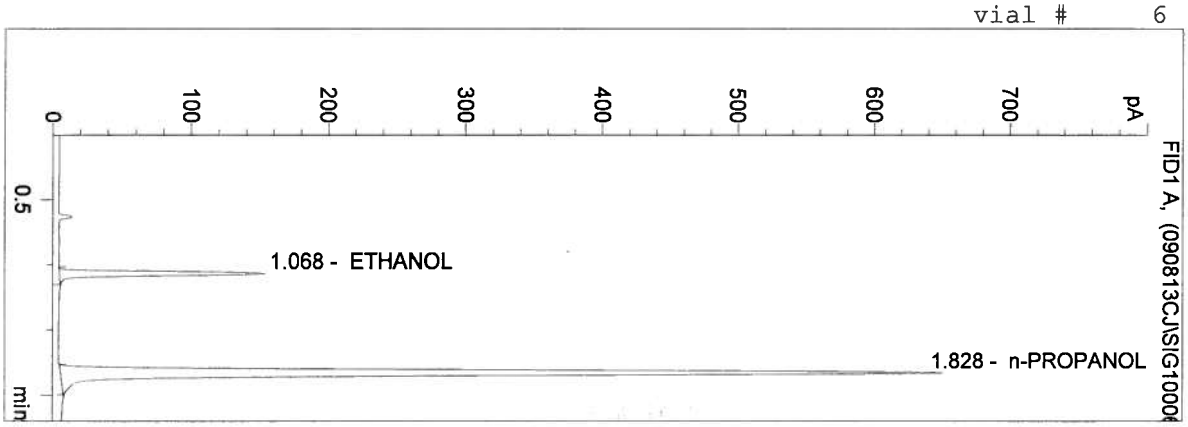
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

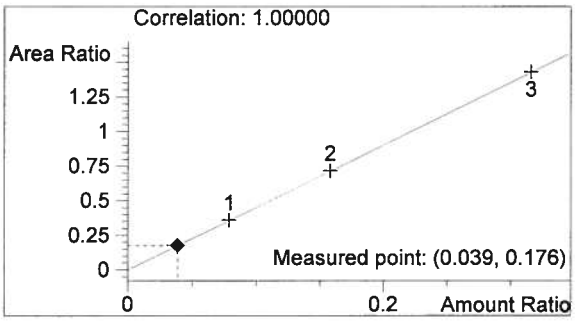
C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 10:58:52 AM
Instrument 3
db-alc2

0.04 CTRL-CJ
Chris Johnston

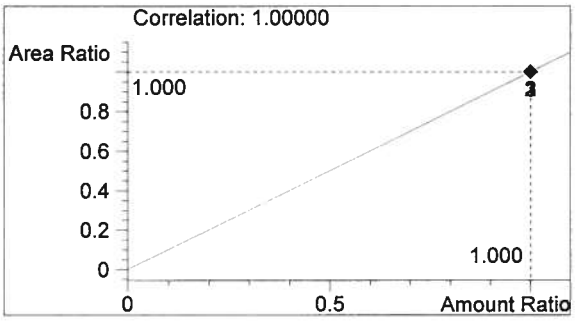
vial # 6



#	Compound	Area	RT
1	ETHANOL	329	1.068
2	n-PROPANOL	1866	1.828
Totals:			



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

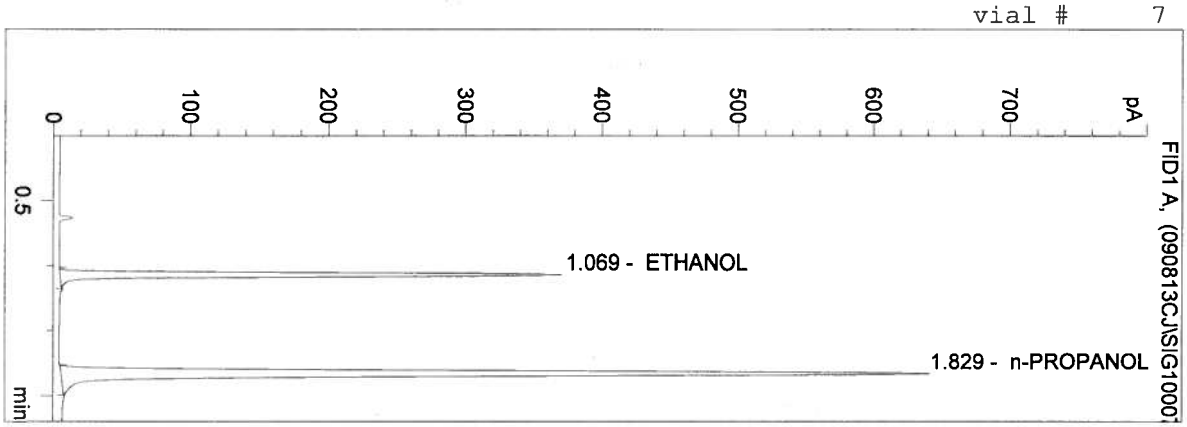
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:01:59 AM
Instrument 3
db-alc2

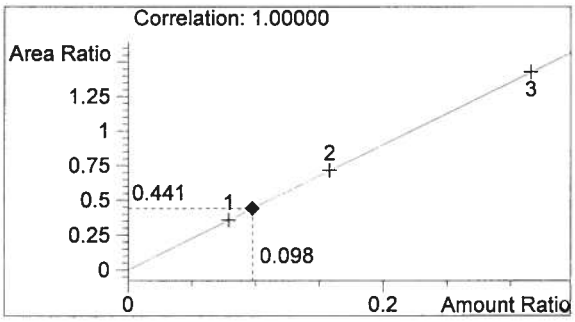
0.10 CTRL-CJ
Chris Johnston

vial # 7

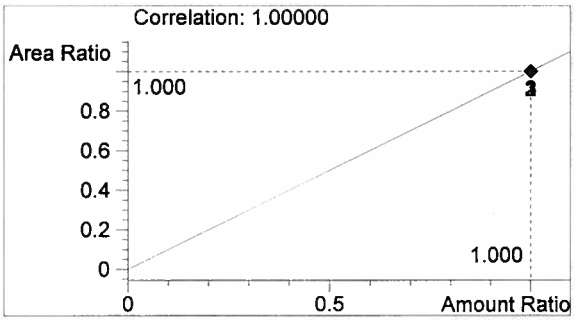


#	Compound	Area	RT
1	ETHANOL	812	1.069
2	n-PROPANOL	1840	1.829

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

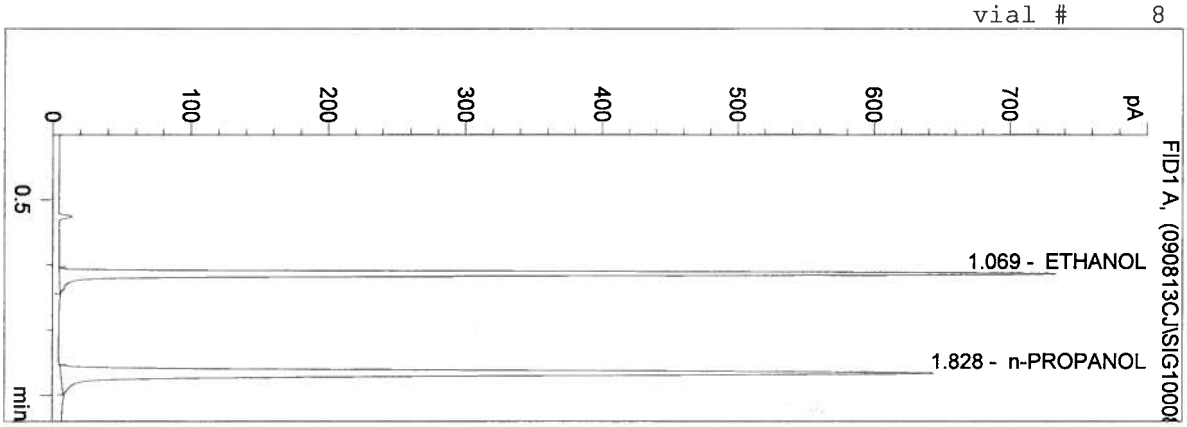
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:05:07 AM
Instrument 3
db-alc2

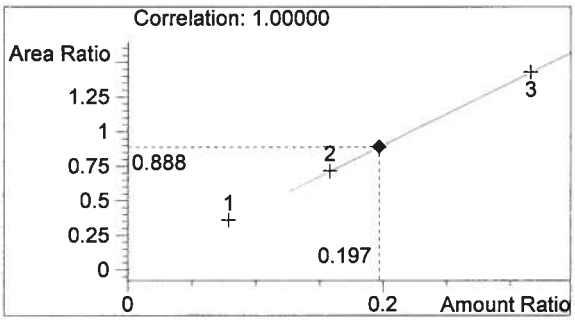
0.20 CTRL-CJ
Chris Johnston

vial # 8

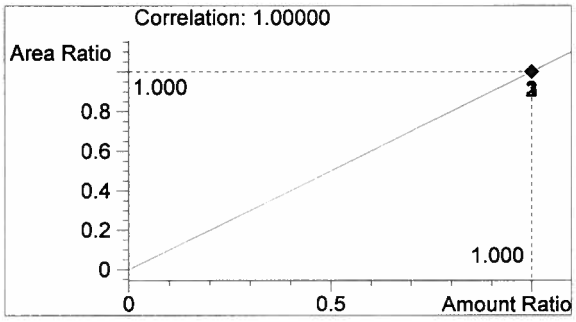


#	Compound	Area	RT
1	ETHANOL	1645	1.069
2	n-PROPANOL	1853	1.828

Totals:



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

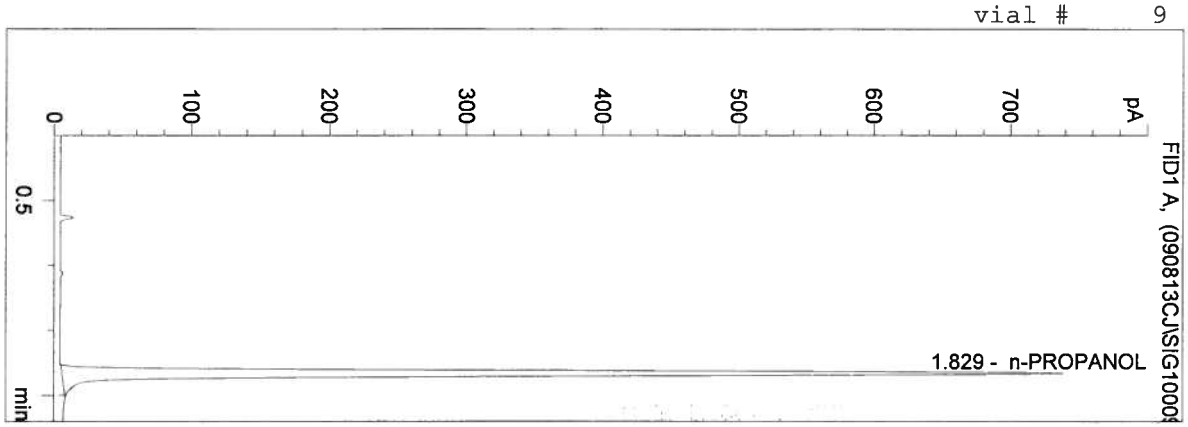
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:08:15 AM
Instrument 3
db-alc2

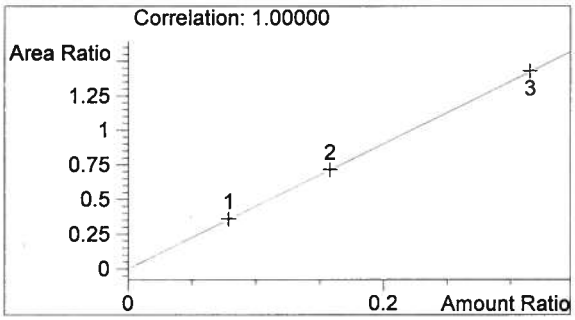
NEG CTRL-CJ
Chris Johnston

vial # 9

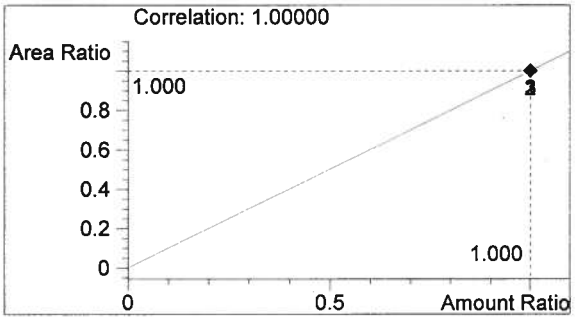


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2116	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

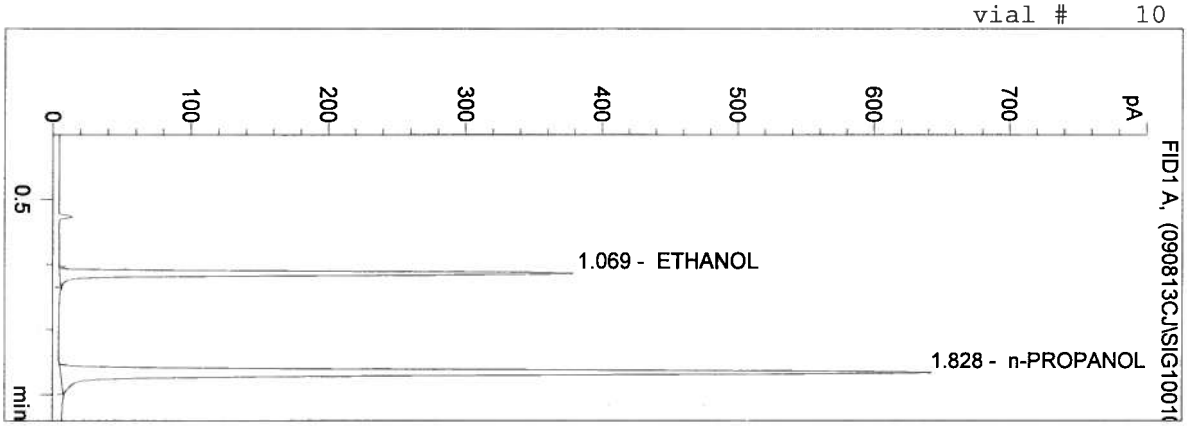
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

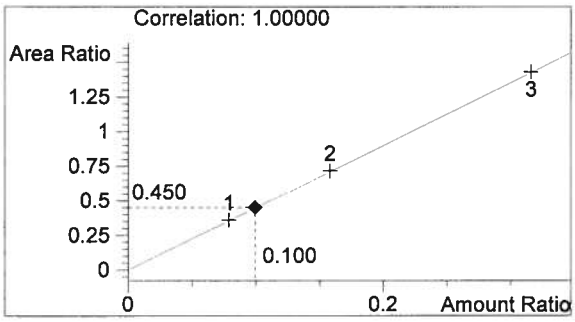
C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:11:23 AM
Instrument 3
db-alc2

09032 #1 CJ
Chris Johnston

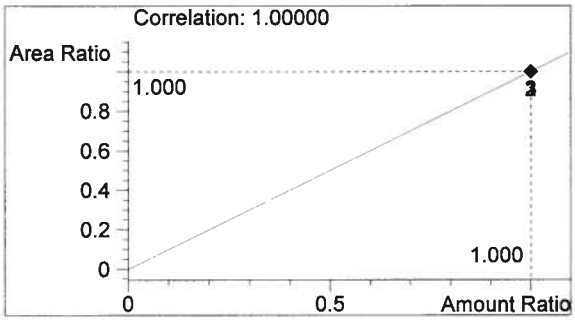
vial # 10



#	Compound	Area	RT
1	ETHANOL	831	1.069
2	n-PROPANOL	1847	1.828
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

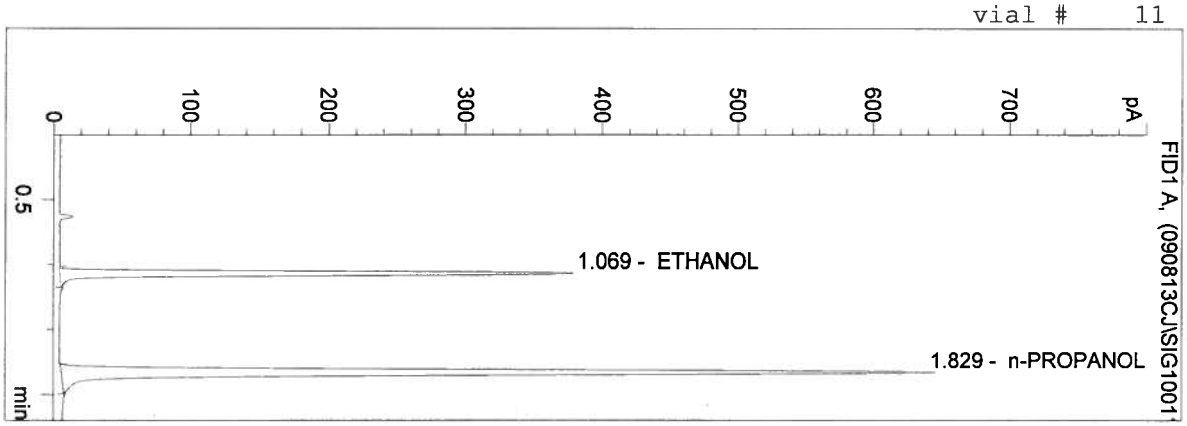
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:14:31 AM
Instrument 3
db-alc2

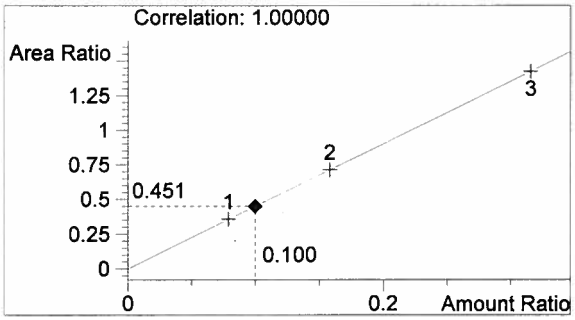
09032 #2 CJ
Chris Johnston

vial # 11

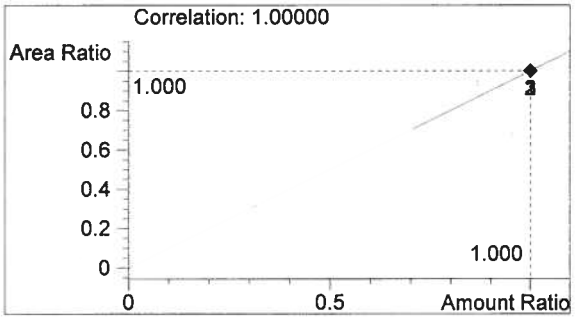


#	Compound	Area	RT
1	ETHANOL	838	1.069
2	n-PROPANOL	1858	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

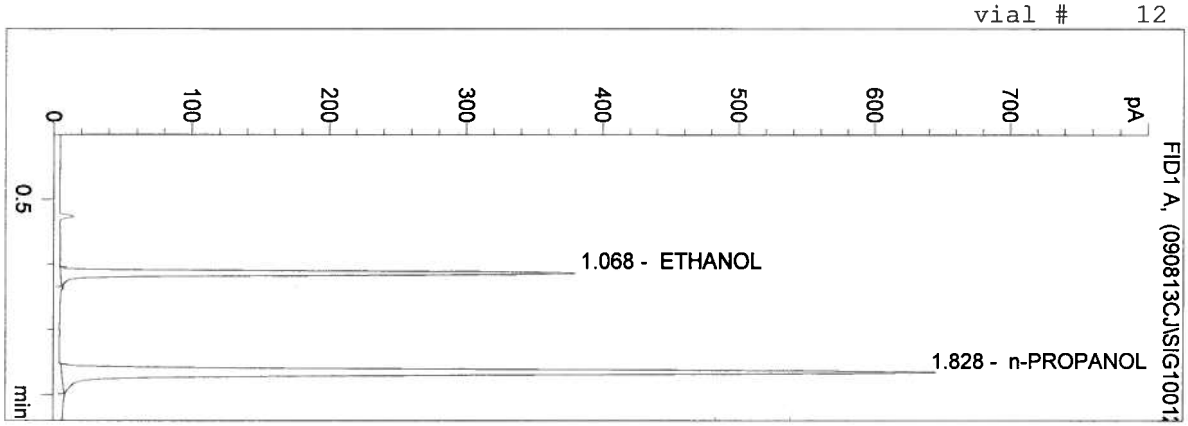
cJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:17:38 AM
Instrument 3
db-alc2

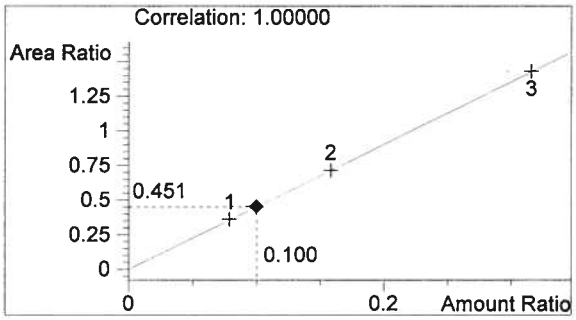
09032 #3 CJ
Chris Johnston

vial # 12

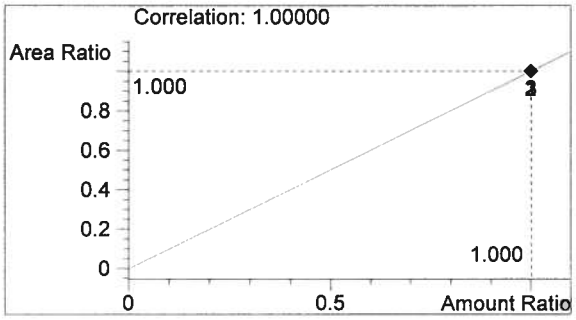


#	Compound	Area	RT
1	ETHANOL	837	1.068
2	n-PROPANOL	1856	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

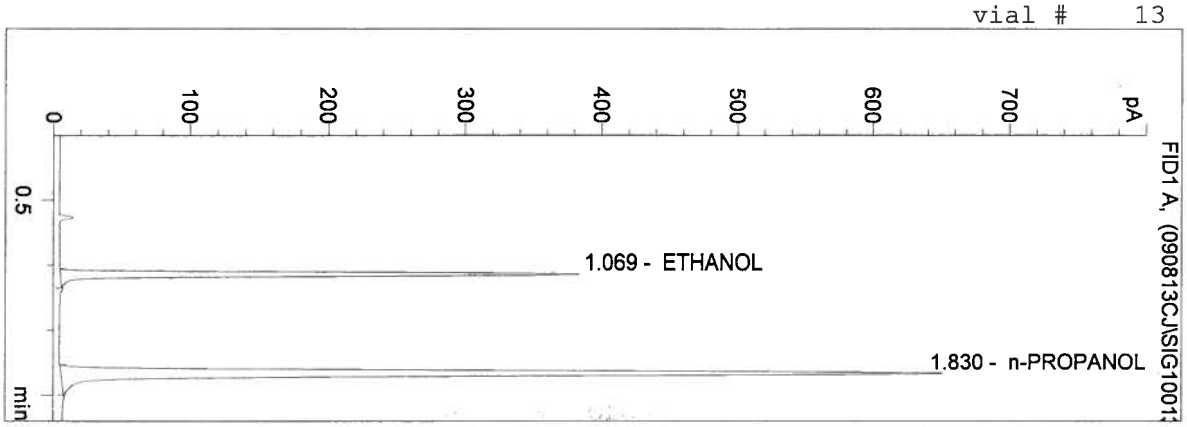
cl

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:20:46 AM
Instrument 3
db-alc2

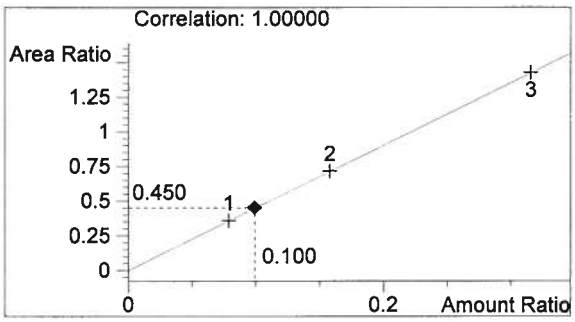
09032 #4 CJ
Chris Johnston

vial # 13

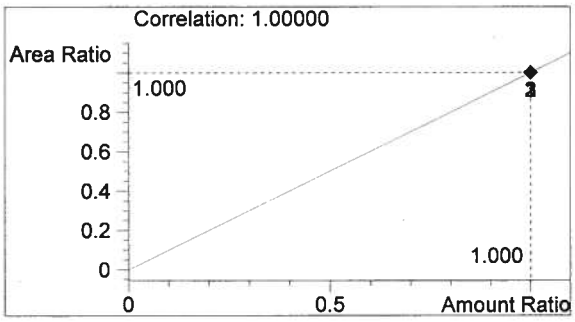


#	Compound	Area	RT
1	ETHANOL	843	1.069
2	n-PROPANOL	1875	1.830

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

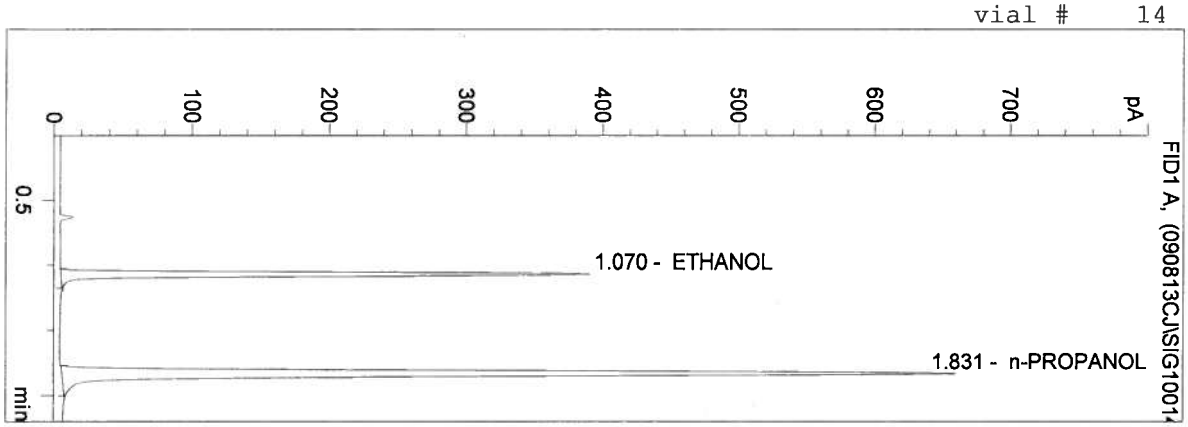
c/

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:23:54 AM
Instrument 3
db-alc2

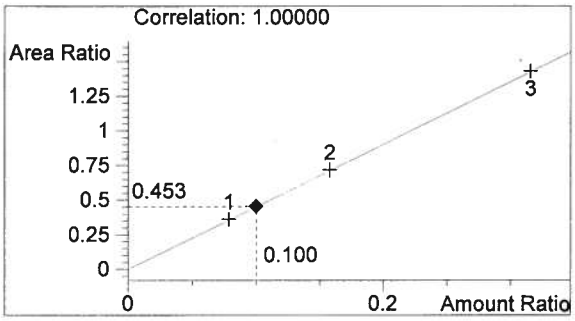
09032 #5 CJ
Chris Johnston

vial # 14

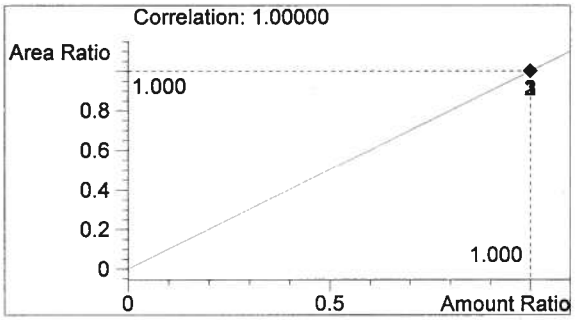


#	Compound	Area	RT
1	ETHANOL	858	1.070
2	n-PROPANOL	1894	1.831

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

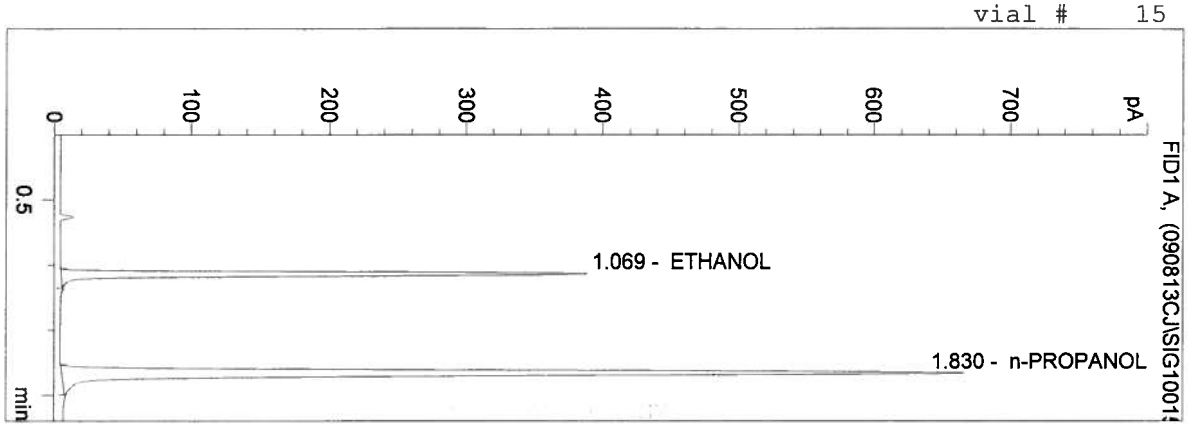
cJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:27:02 AM
Instrument 3
db-alc2

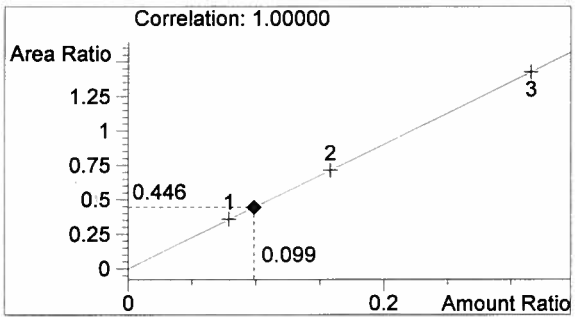
0.10 CTRL-CJ
Chris Johnston

vial # 15

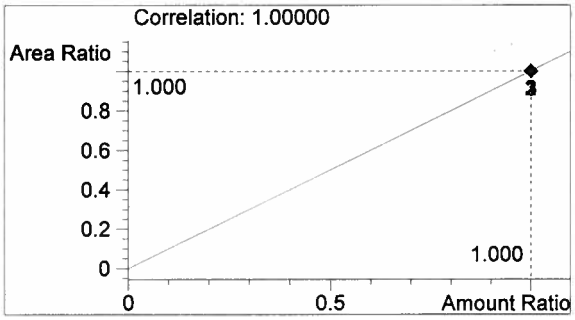


#	Compound	Area	RT
1	ETHANOL	853	1.069
2	n-PROPANOL	1911	1.830

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

cl

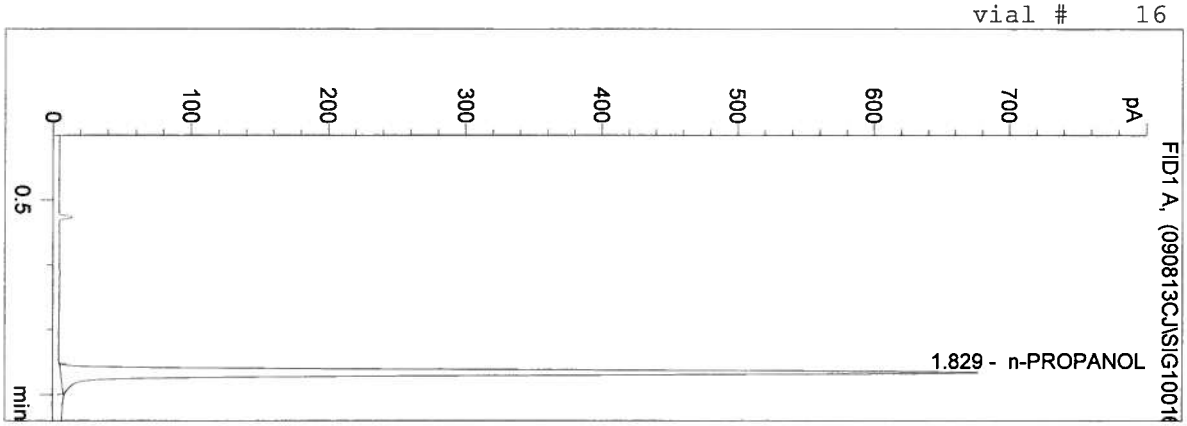
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/13/2009 11:30:10 AM
Instrument 3
db-alc2

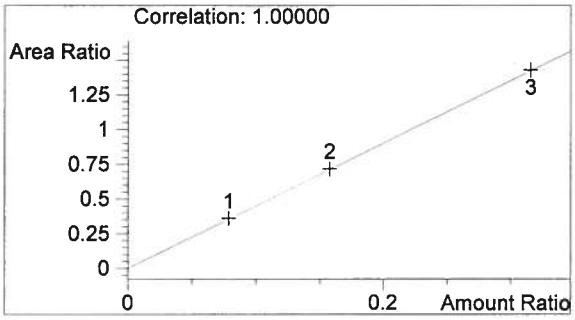
NEG CTRL-CJ
Chris Johnston

vial # 16

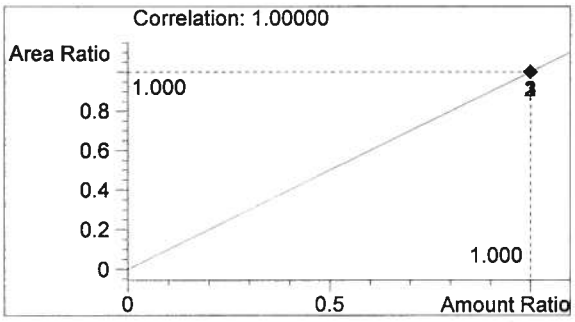


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1949	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

a/

Sequence Parameters:

Operator:	Christie Mitchell
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:	090814CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

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 CTRL-CM	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CM	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CM	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
10	Vial 10	ESS 09032 #1	SIMALC	1	Sample		
11	Vial 11	ESS 09032 #2	SIMALC	1	Sample		
12	Vial 12	ESS 09032 #3	SIMALC	1	Sample		
13	Vial 13	ESS 09032 #4	SIMALC	1	Sample		
14	Vial 14	ESS 09032 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CM	SIMALC	1	Ctrl Samp		

CM

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	

09032

Sequence Table (Back Injector):

No entries - empty table!

CM

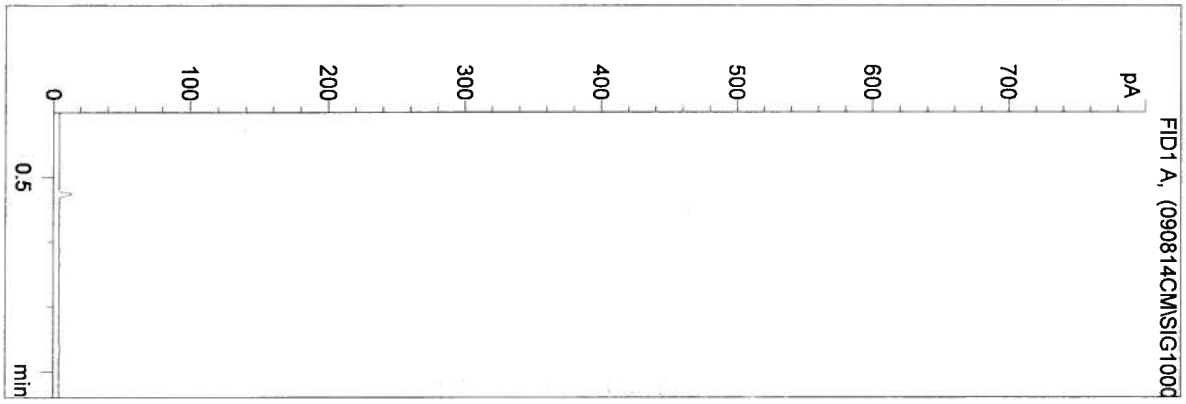
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:19:09 AM
Instrument 3
db-alc2

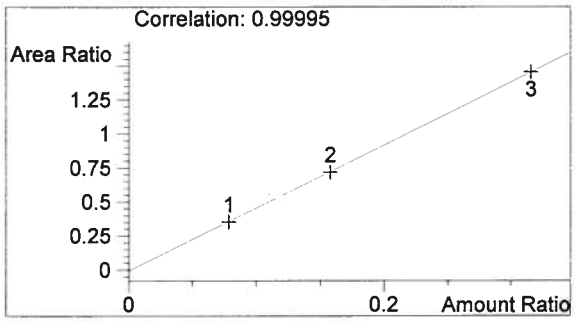
BLANK
Christie Mitchell

vial # 1

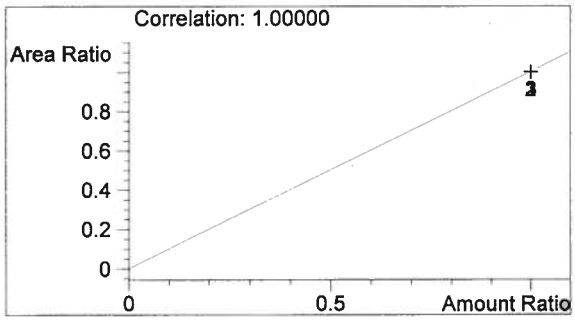


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

CM

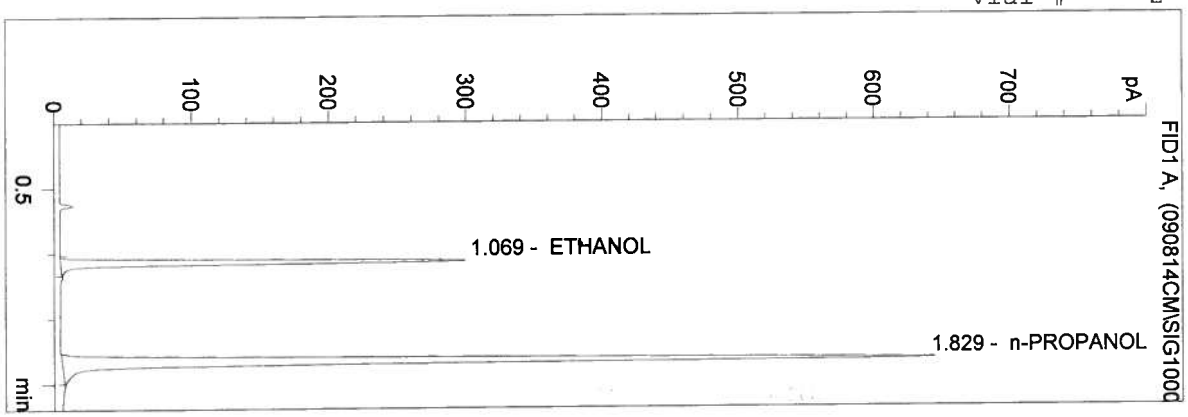
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:22:16 AM
Instrument 3
db-alc2

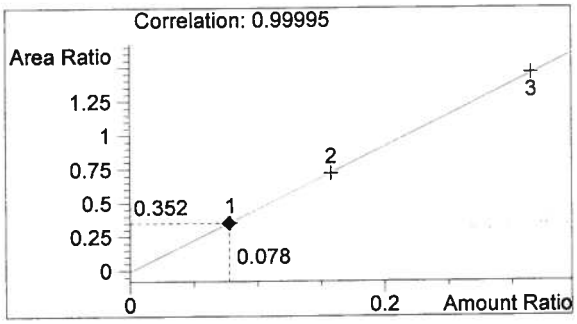
0.079 CAL 1
Christie Mitchell

vial # 2

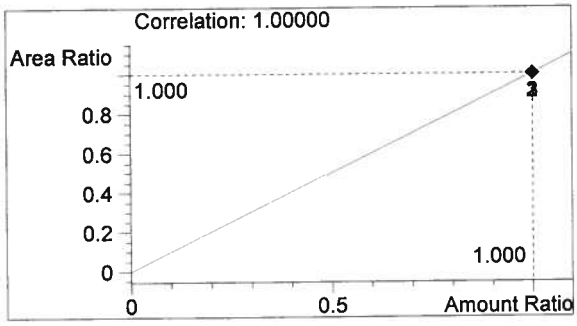


#	Compound	Area	RT
1	ETHANOL	651	1.069
2	n-PROPANOL	1847	1.829

Totals:



ETHANOL 0.078 g/100ml



n-PROPANOL 1.000 g/100ml

CM

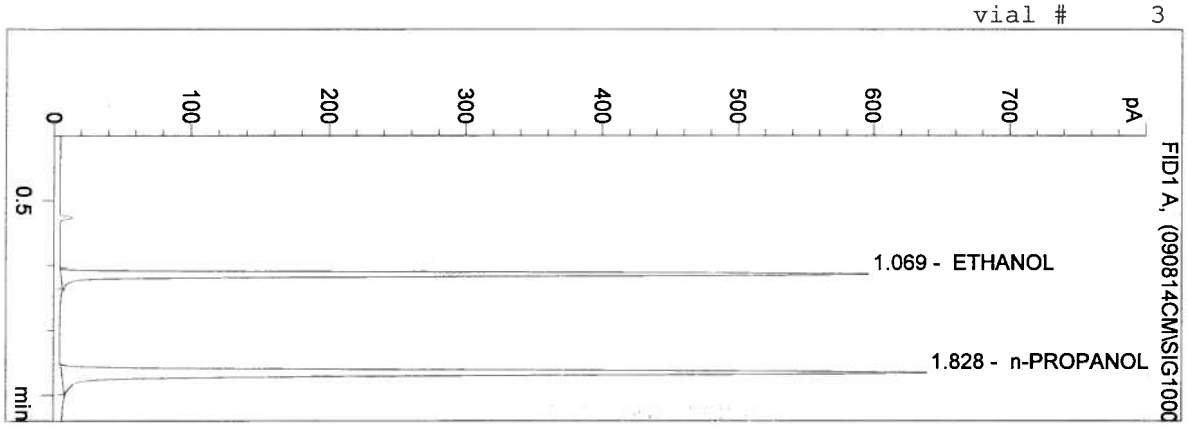
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:25:24 AM
Instrument 3
db-alc2

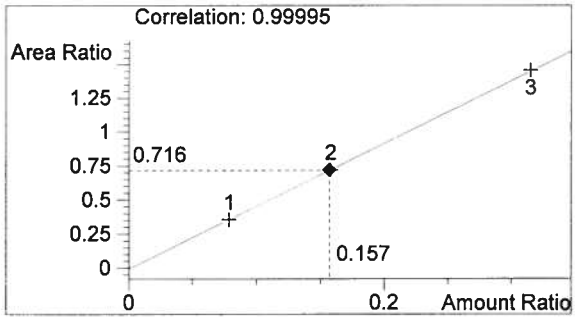
0.158 CAL 2
Christie Mitchell

vial # 3

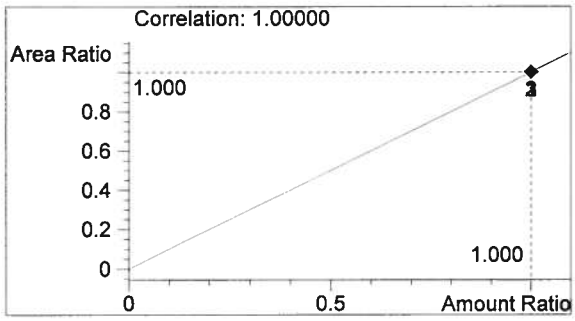


#	Compound	Area	RT
1	ETHANOL	1313	1.069
2	n-PROPANOL	1834	1.828

Totals:



ETHANOL 0.157 g/100ml



n-PROPANOL 1.000 g/100ml

CM

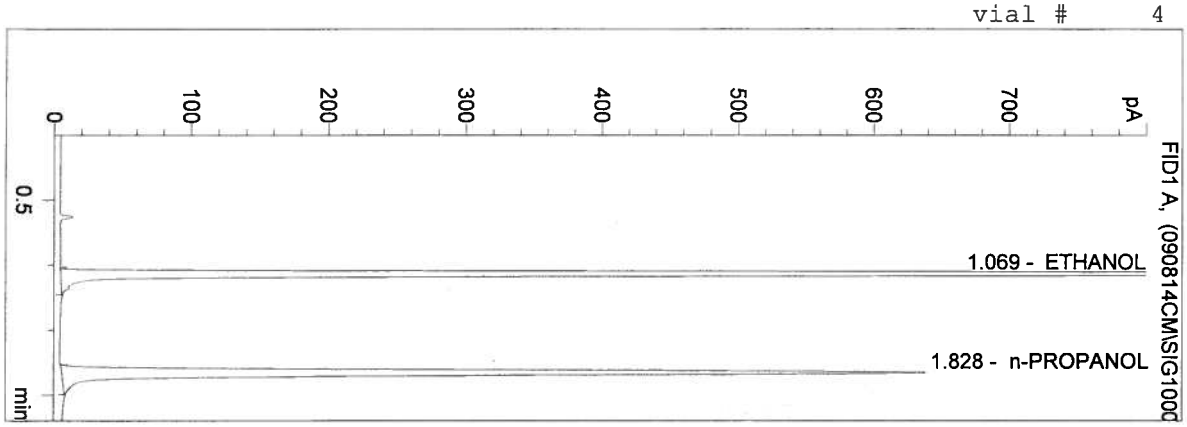
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:28:32 AM
Instrument 3
db-alc2

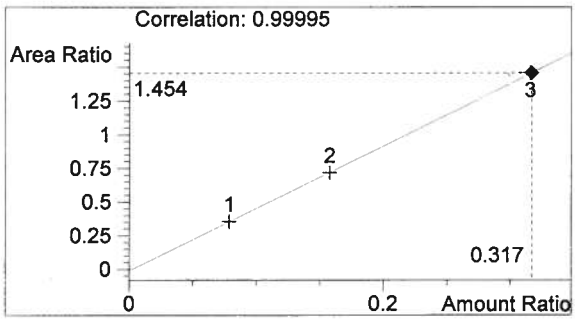
0.316 CAL 3
Christie Mitchell

vial # 4

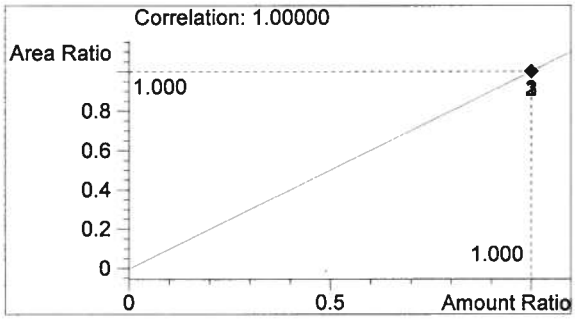


#	Compound	Area	RT
1	ETHANOL	2656	1.069
2	n-PROPANOL	1828	1.828

Totals:



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

CM

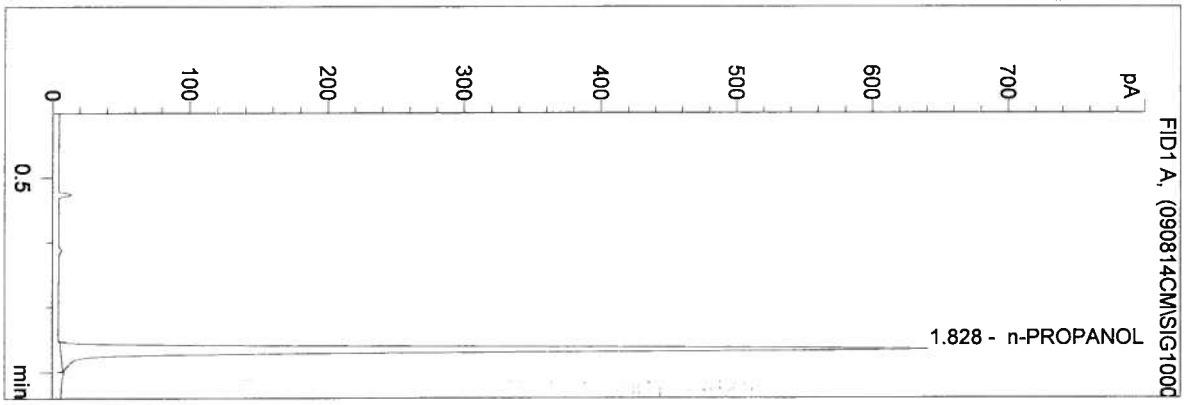
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:31:40 AM
Instrument 3
db-alc2

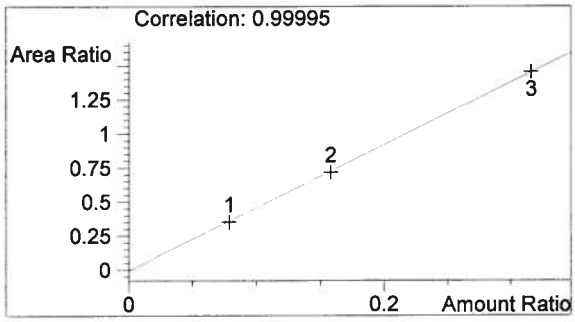
NEG CTRL-CM
Christie Mitchell

vial # 5

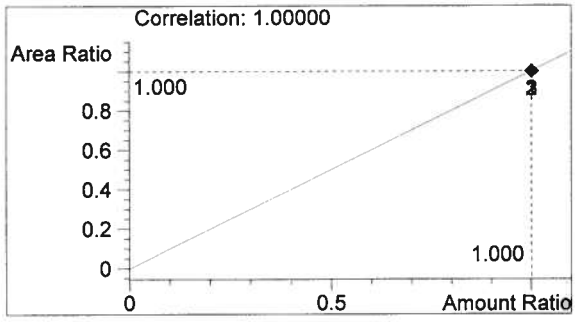


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1836	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

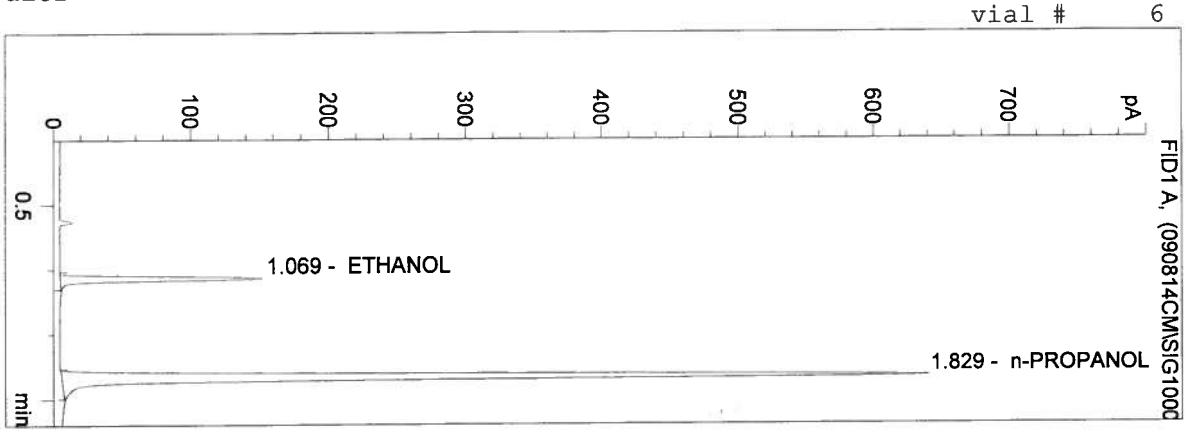
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:34:48 AM
Instrument 3
db-alc2

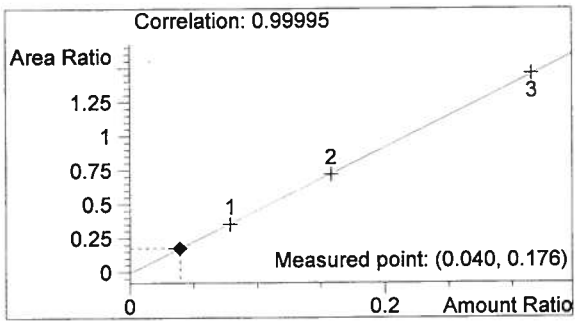
0.04 CTRL-CM
Christie Mitchell

vial # 6

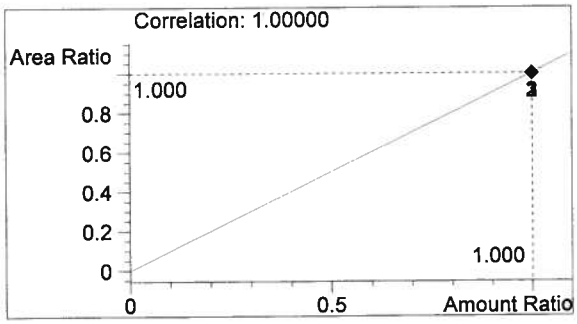


#	Compound	Area	RT
1	ETHANOL	323	1.069
2	n-PROPANOL	1835	1.829

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

CM

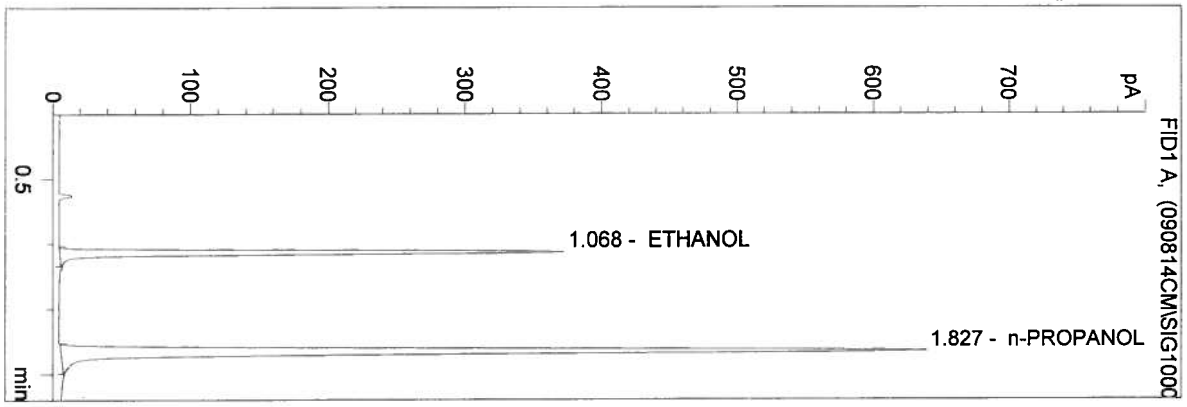
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

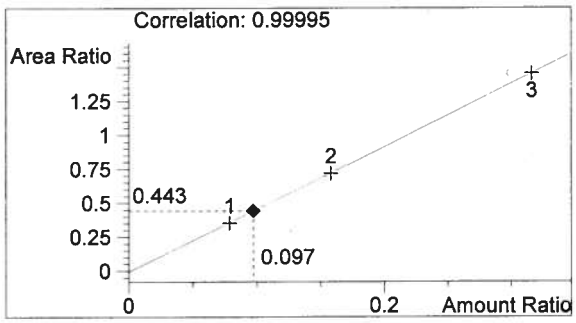
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:37:55 AM
Instrument 3
db-alc2

0.10 CTRL-CM
Christie Mitchell

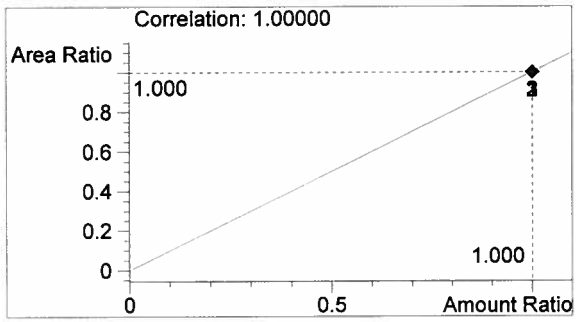
vial # 7



#	Compound	Area	RT
1	ETHANOL	810	1.068
2	n-PROPANOL	1830	1.827
Totals:			



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

CM

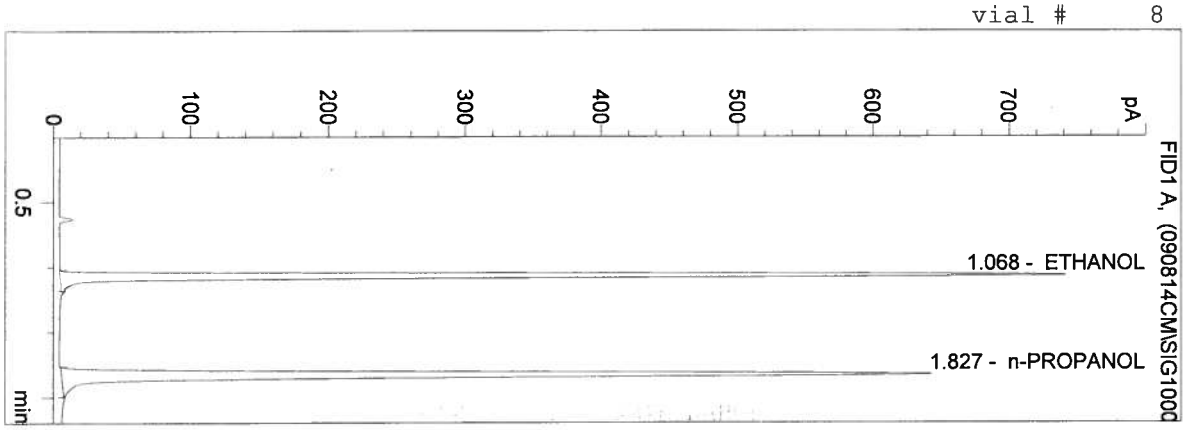
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:41:03 AM
Instrument 3
db-alc2

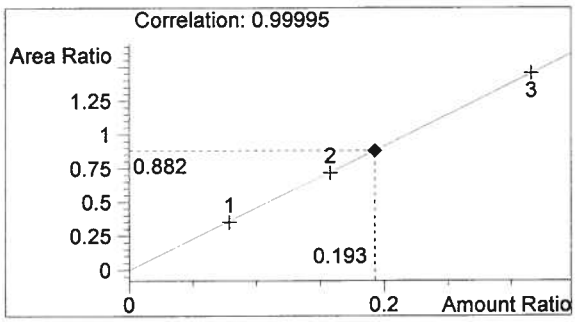
0.20 CTRL-CM
Christie Mitchell

vial # 8

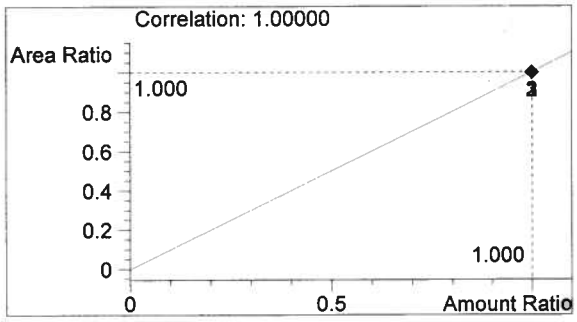


#	Compound	Area	RT
1	ETHANOL	1622	1.068
2	n-PROPANOL	1840	1.827

Totals:



ETHANOL 0.193 g/100ml



n-PROPANOL 1.000 g/100ml

CM

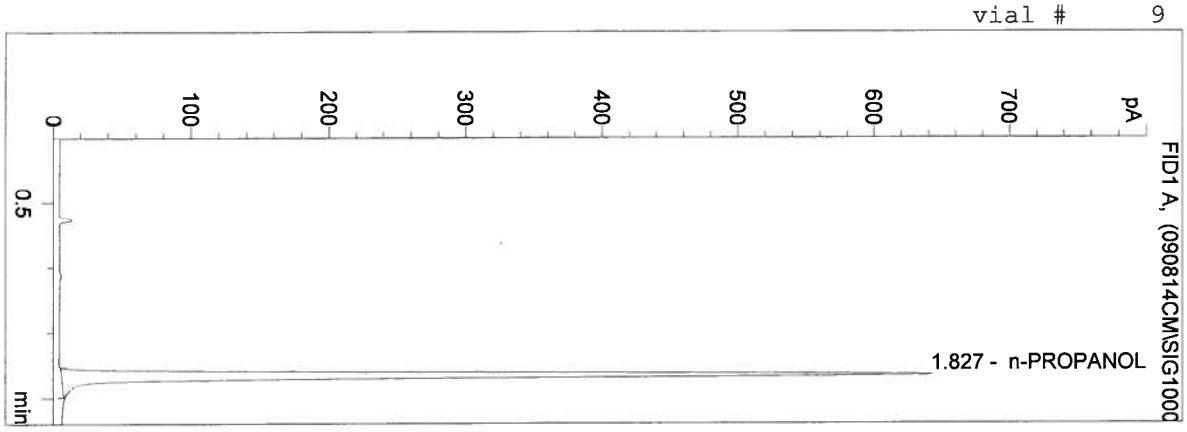
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:44:11 AM
Instrument 3
db-alc2

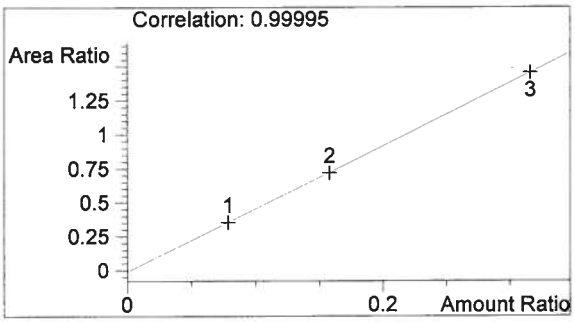
NEG CTRL-CM
Christie Mitchell

vial # 9

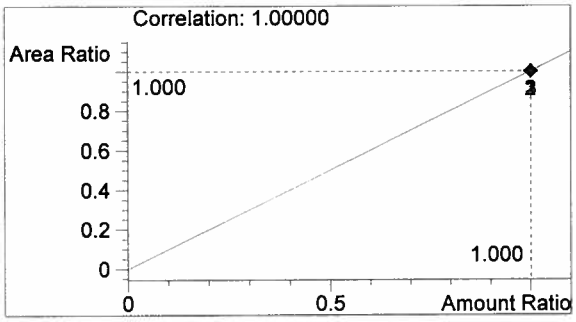


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1840	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

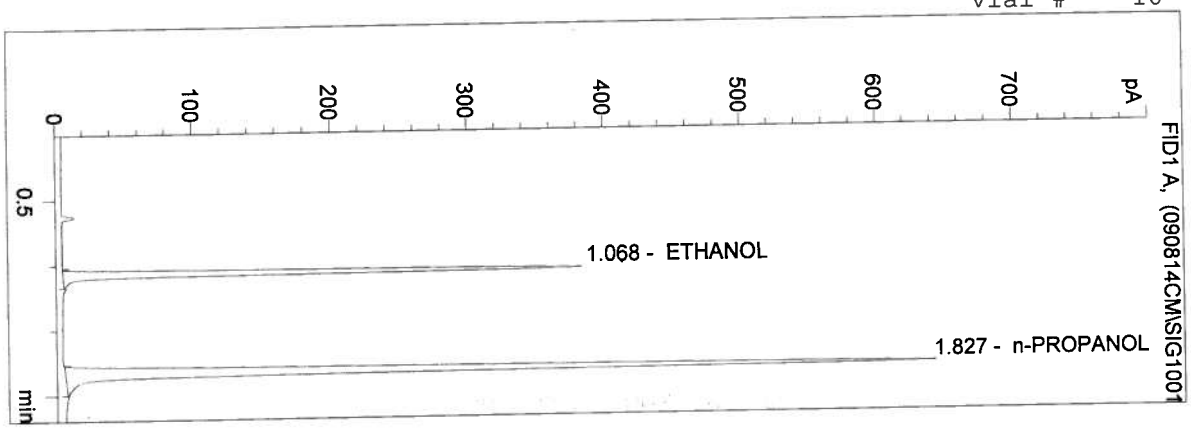
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:47:19 AM
Instrument 3
db-alc2

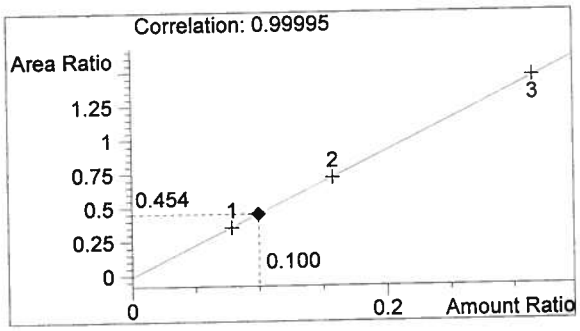
ESS 09032 #1
Christie Mitchell

vial # 10

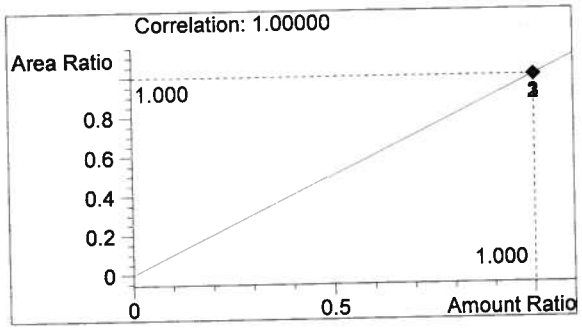


#	Compound	Area	RT
1	ETHANOL	835	1.068
2	n-PROPANOL	1840	1.827

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

CM

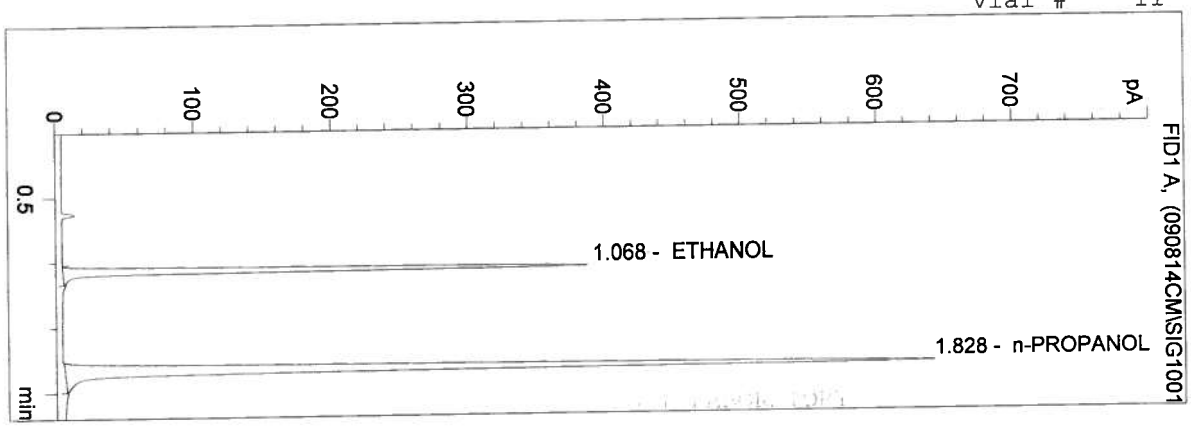
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:50:26 AM
Instrument 3
db-alc2

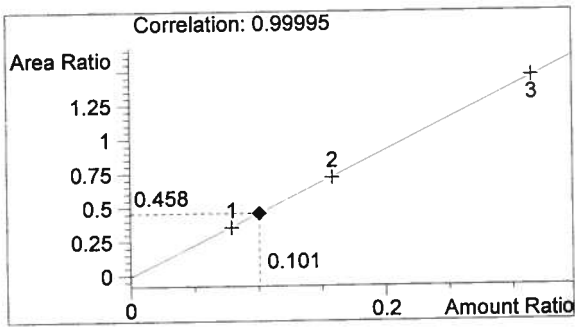
ESS 09032 #2
Christie Mitchell

vial # 11

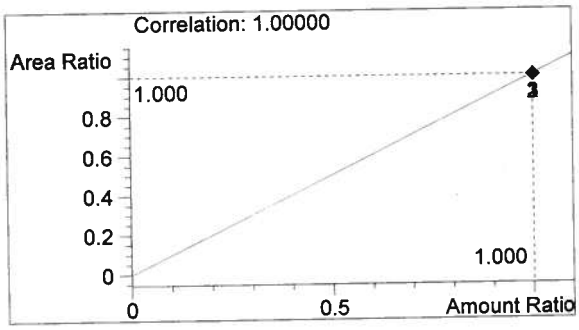


#	Compound	Area	RT
1	ETHANOL	843	1.068
2	n-PROPANOL	1841	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

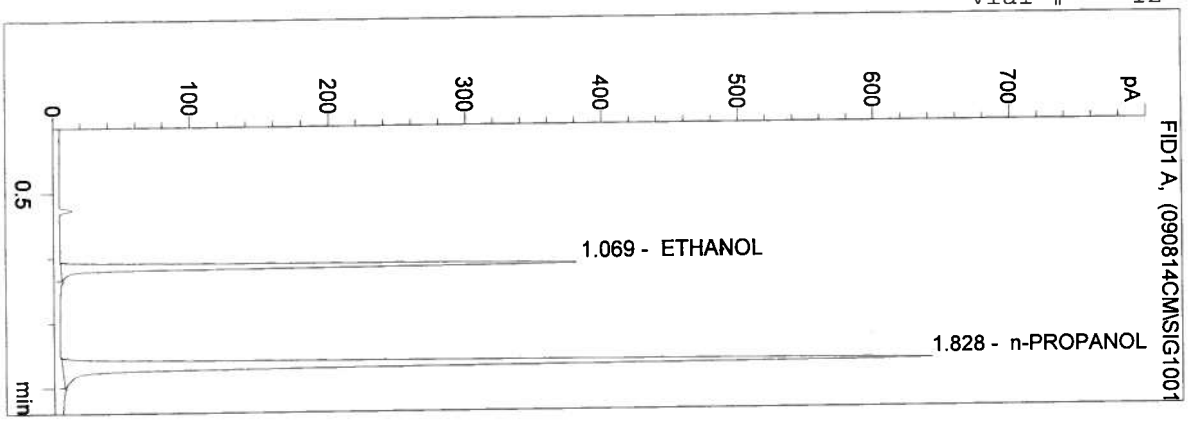
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:53:34 AM
Instrument 3
db-alc2

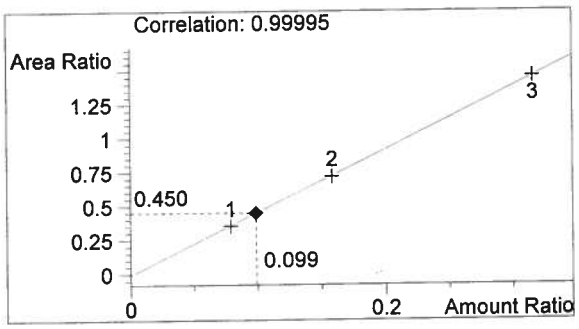
ESS 09032 #3
Christie Mitchell

vial # 12

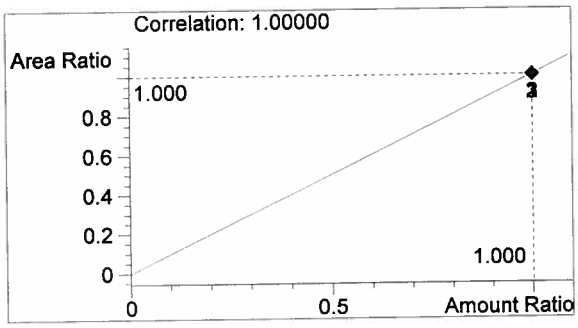


#	Compound	Area	RT
1	ETHANOL	828	1.069
2	n-PROPANOL	1839	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

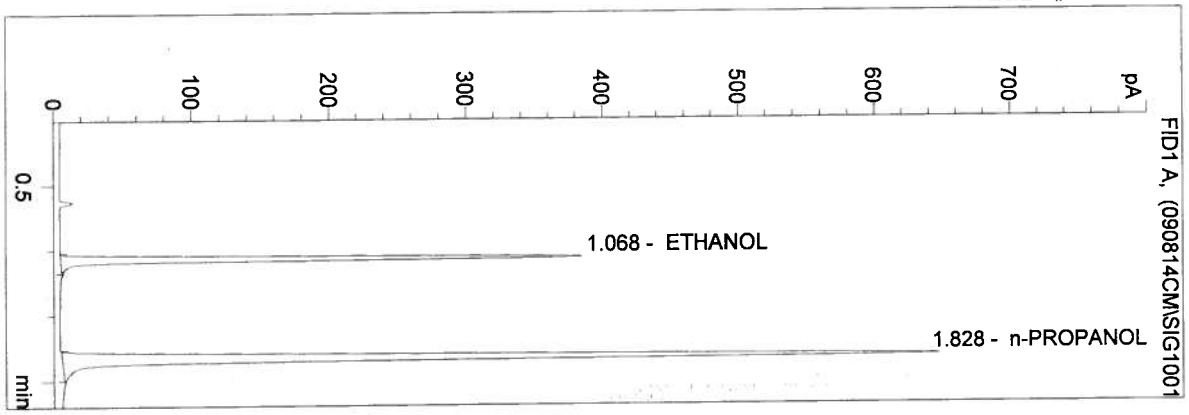
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:56:42 AM
Instrument 3
db-alc2

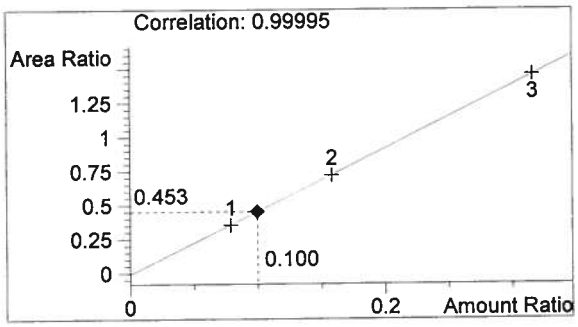
ESS 09032 #4
Christie Mitchell

vial # 13

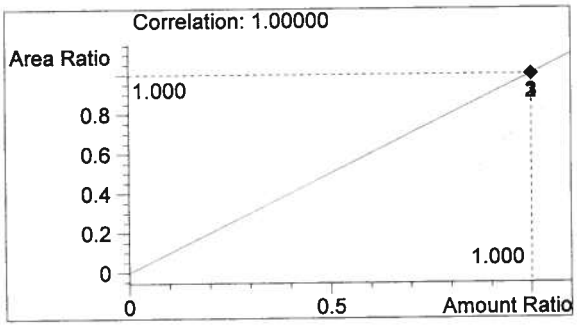


#	Compound	Area	RT
1	ETHANOL	839	1.068
2	n-PROPANOL	1853	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

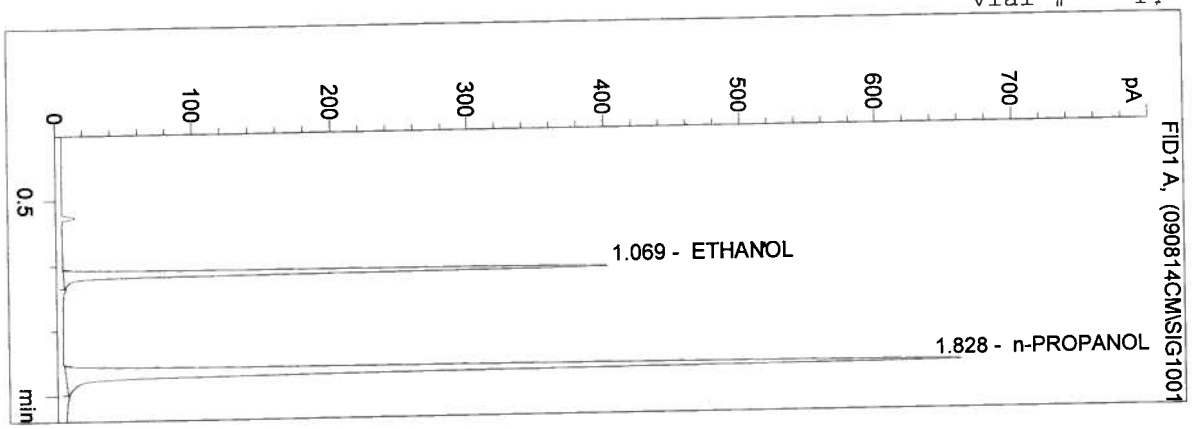
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 9:59:50 AM
Instrument 3
db-alc2

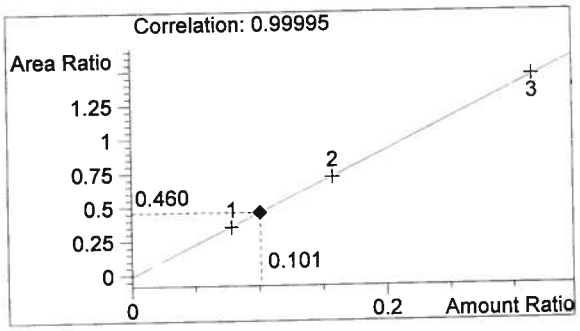
ESS 09032 #5
Christie Mitchell

vial # 14

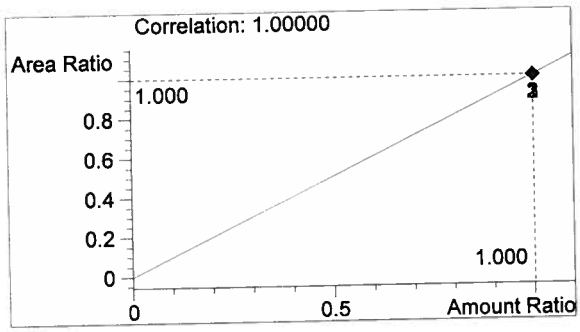


#	Compound	Area	RT
1	ETHANOL	869	1.069
2	n-PROPANOL	1887	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

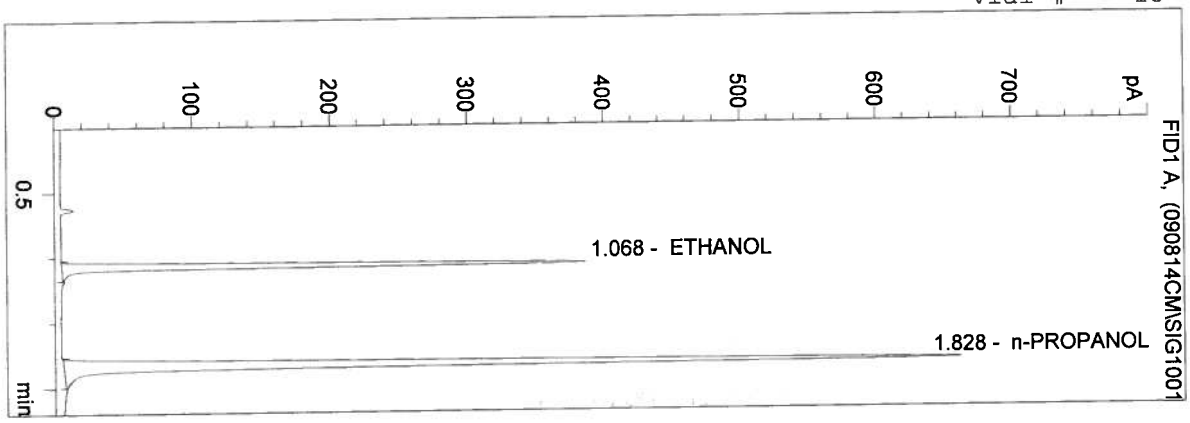
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 10:02:58 AM
Instrument 3
db-alc2

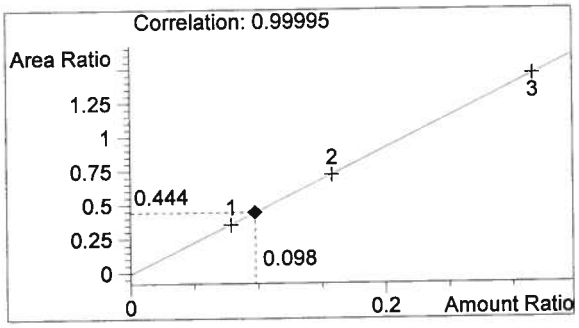
0.10 CTRL-CM
Christie Mitchell

vial # 15

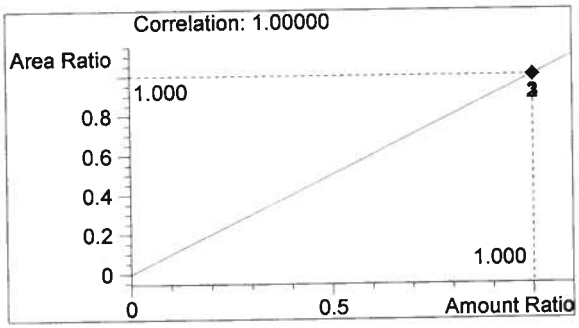


#	Compound	Area	RT
1	ETHANOL	843	1.068
2	n-PROPANOL	1897	1.828

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

CM

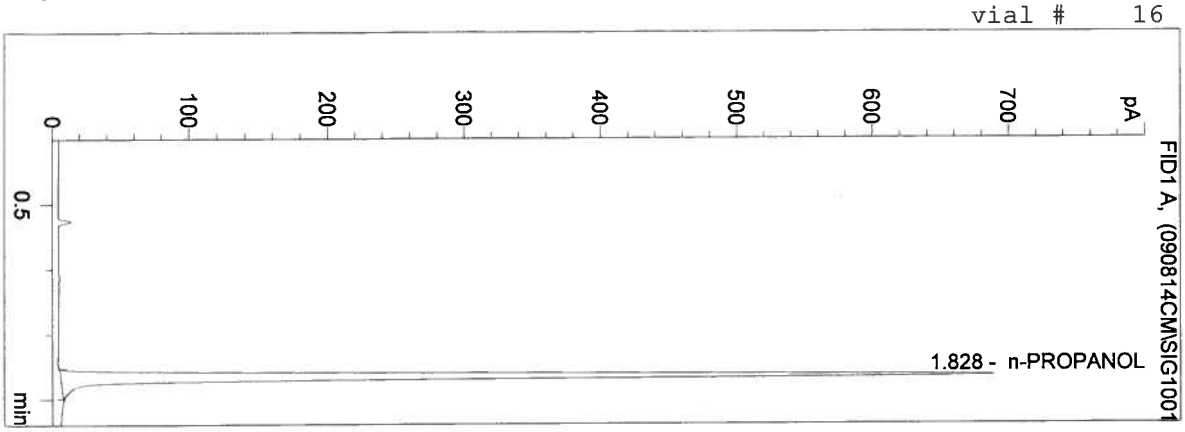
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 10:06:05 AM
Instrument 3
db-alc2

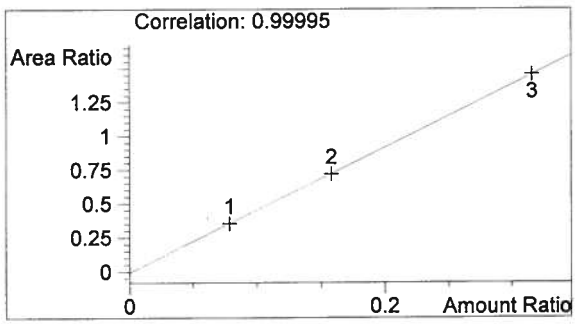
NEG CTRL-CM
Christie Mitchell

vial # 16

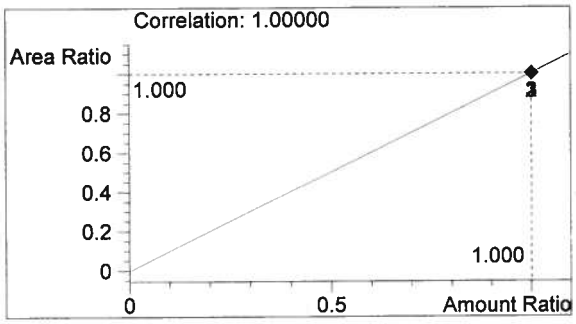


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1974	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

Sequence Parameters:

Operator:	Justin Knoy
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:	090814JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A067397 - Exp. 09/2013
0.10 Control - Lot #A064767 - Exp. 04/2013
0.20 Control - Lot #A064522 - Exp. 04/2013

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 CTRL JK	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC	1	Ctrl Samp		
10	Vial 10	09032-1	SIMALC	1	Sample		
11	Vial 11	09032-2	SIMALC	1	Sample		
12	Vial 12	09032-3	SIMALC	1	Sample		
13	Vial 13	09032-4	SIMALC	1	Sample		
14	Vial 14	09032-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	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	Replace	
4	Vial 4	0.316 CAL	SIMALC	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

09032

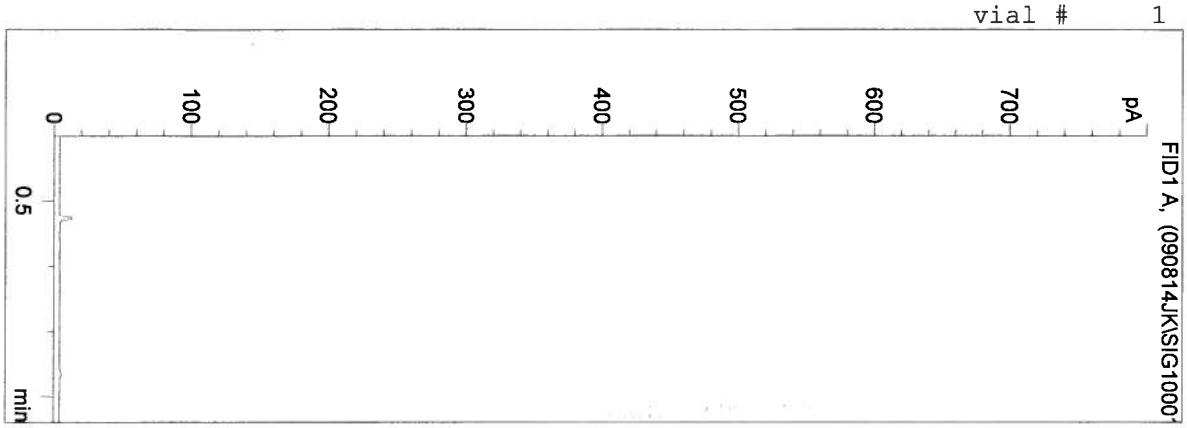
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

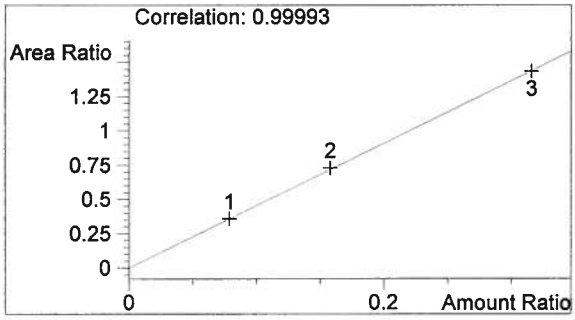
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:50:34 AM
Instrument 3
db-alc2

BLANK
Justin Knoy

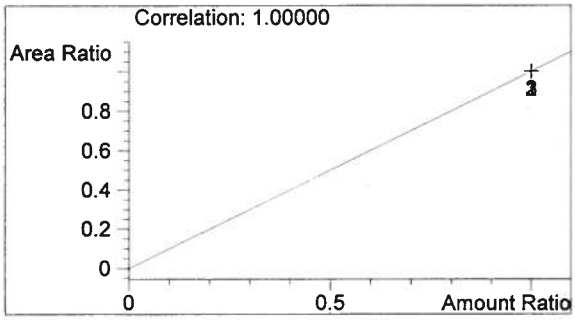
vial # 1



#	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

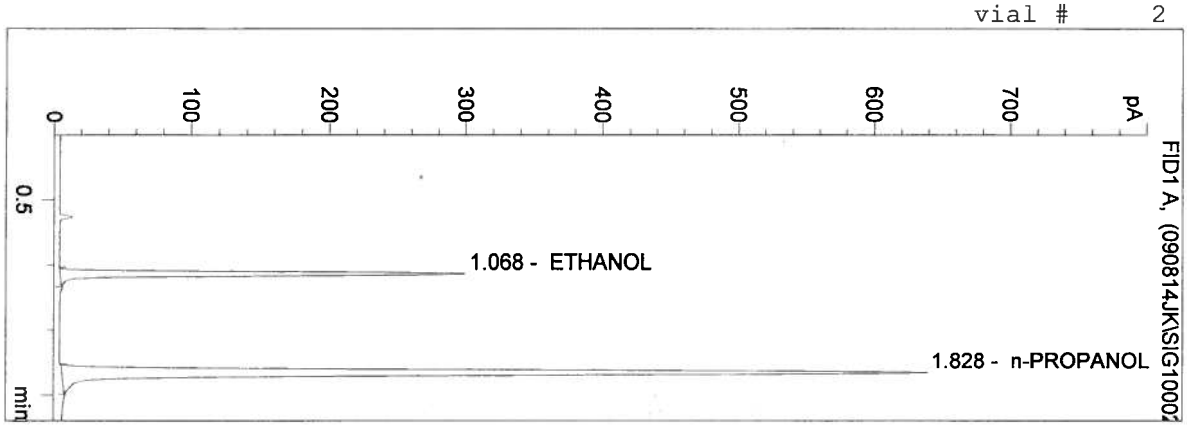
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

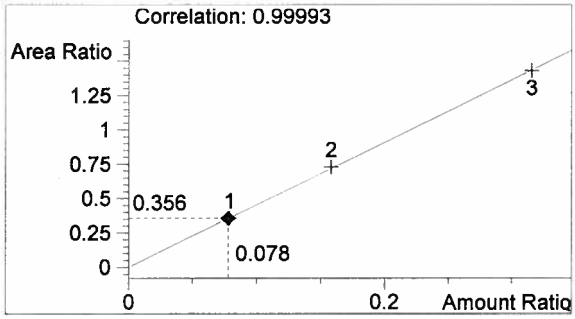
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:53:42 AM
Instrument 3
db-alc2

0.079 CAL
Justin Knoy

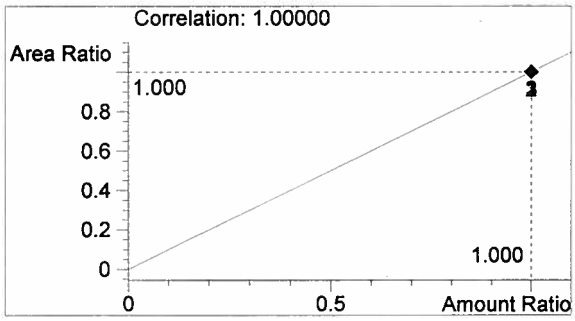
vial # 2



#	Compound	Area	RT
1	ETHANOL	650	1.068
2	n-PROPANOL	1826	1.828
Totals:		✓	



ETHANOL 0.078 g/100ml



n-PROPANOL 1.000 g/100ml

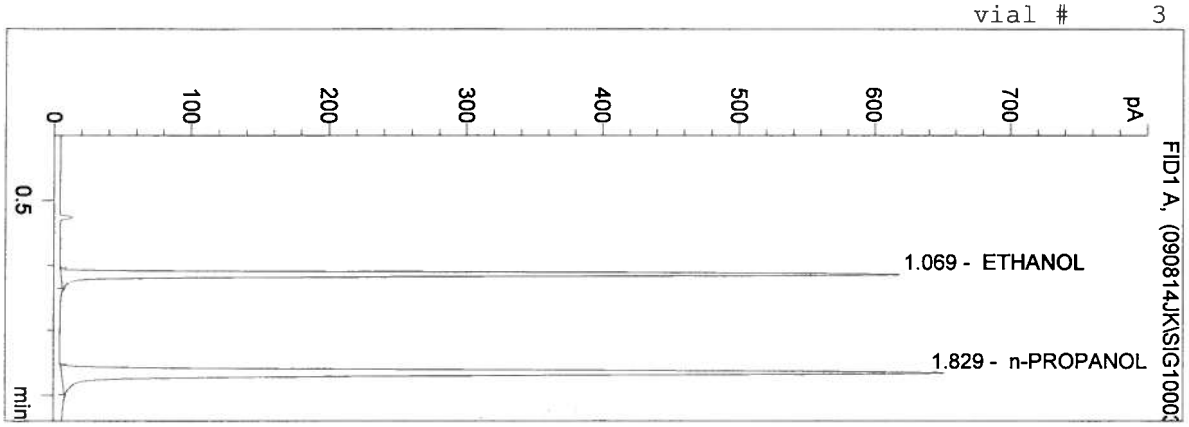
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

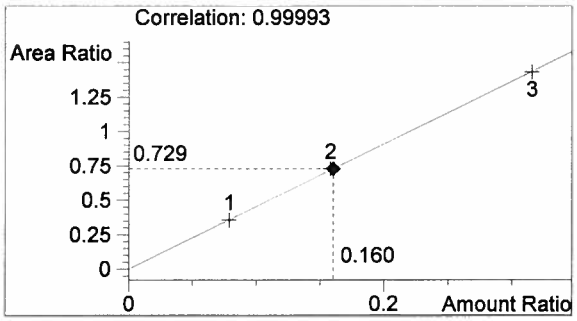
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:56:49 AM
Instrument 3
db-alc2

0.158 CAL
Justin Knoy

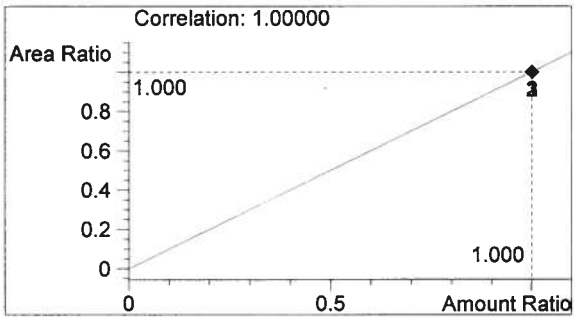
vial # 3



#	Compound	Area	RT
1	ETHANOL	1355	1.069
2	n-PROPANOL	1859	1.829
Totals:			



ETHANOL 0.160 g/100ml



n-PROPANOL 1.000 g/100ml

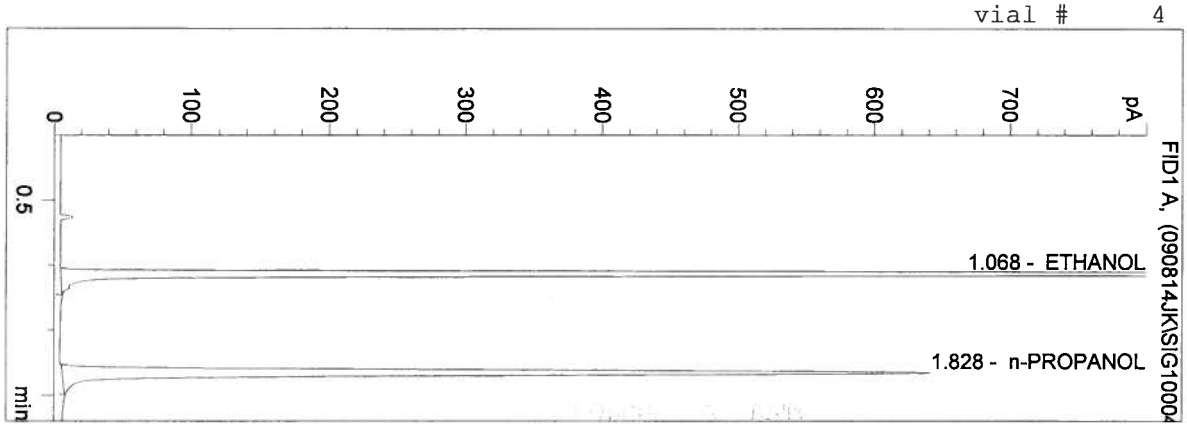
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

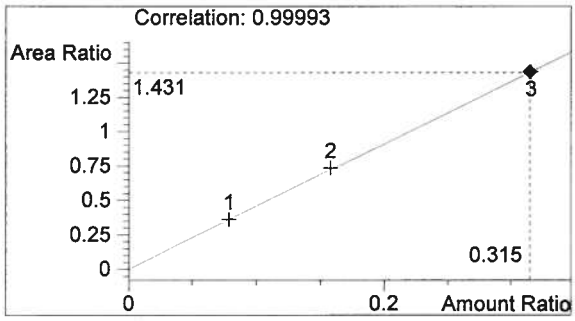
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:59:57 AM
Instrument 3
db-alc2

0.316 CAL
Justin Knoy

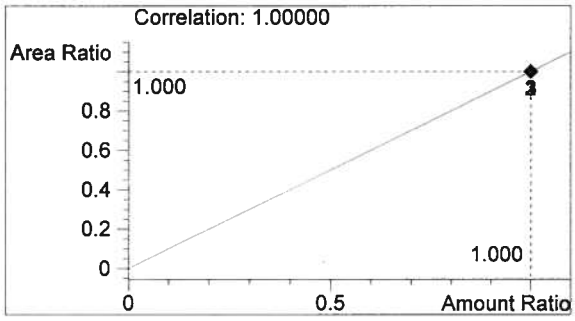
vial # 4



#	Compound	Area	RT
1	ETHANOL	2621	1.068
2	n-PROPANOL	1832	1.828
Totals:			



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

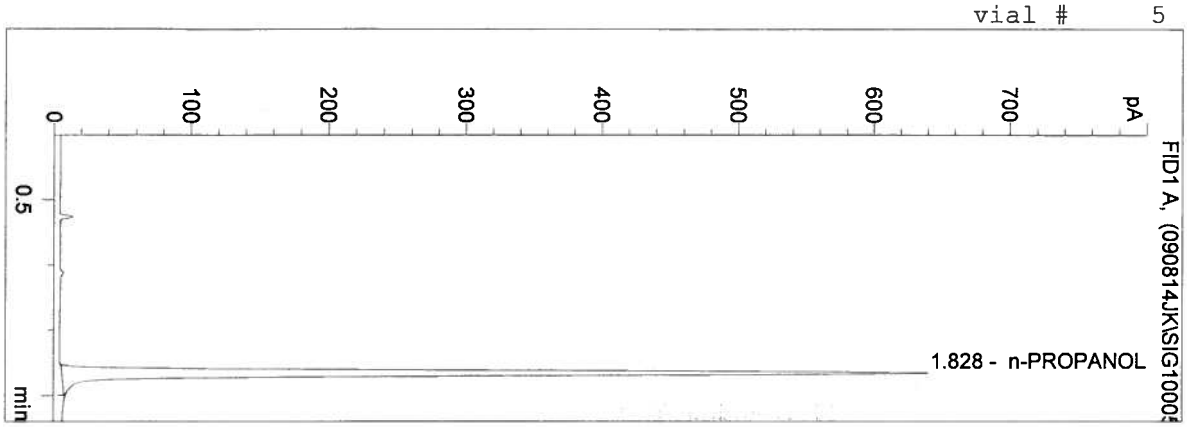
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

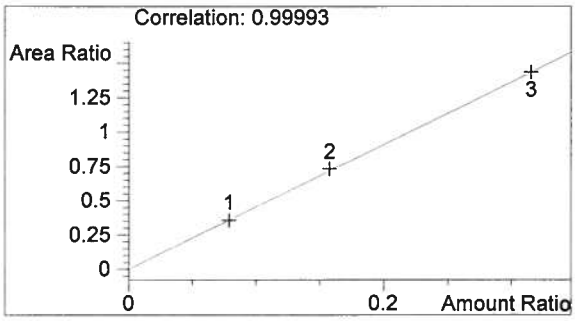
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:03:05 PM
Instrument 3
db-alc2

NEG CTRL JK
Justin Knoy

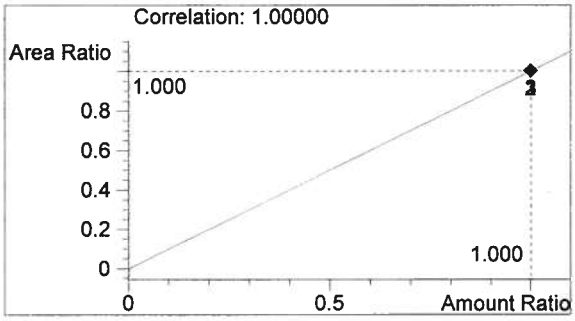
vial # 5



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1837	1.828
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

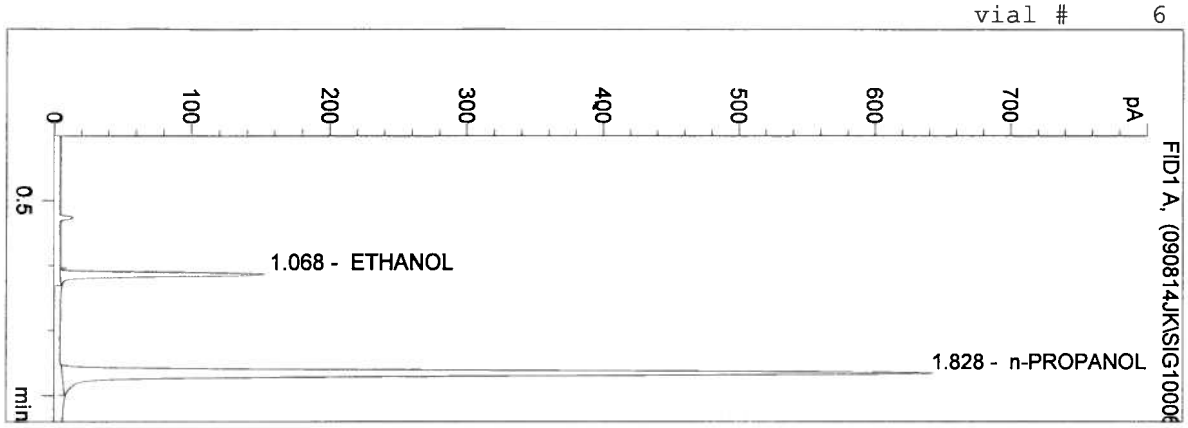
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

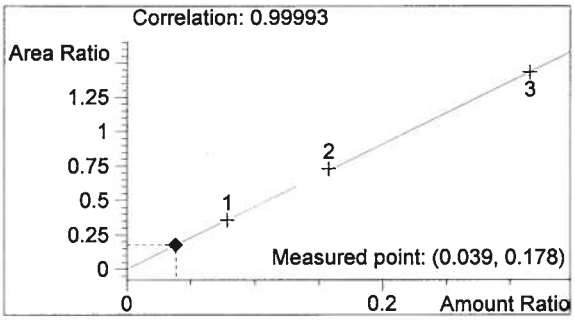
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:06:13 PM
Instrument 3
db-alc2

0.04 CTRL JK
Justin Knoy

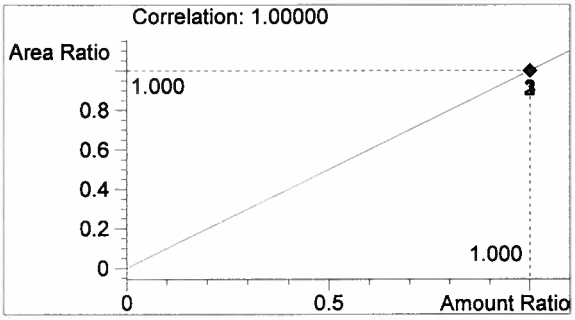
vial # 6



#	Compound	Area	RT
1	ETHANOL	327	1.068
2	n-PROPANOL	1841	1.828
Totals:		✓	



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

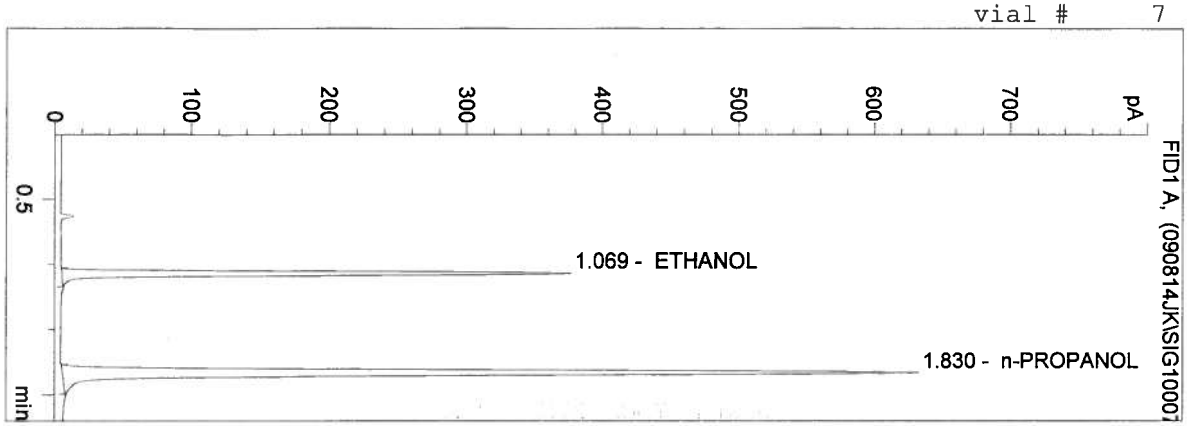
= 09032

WASHINGTON STATE TOXICOLOGY LABORATORY

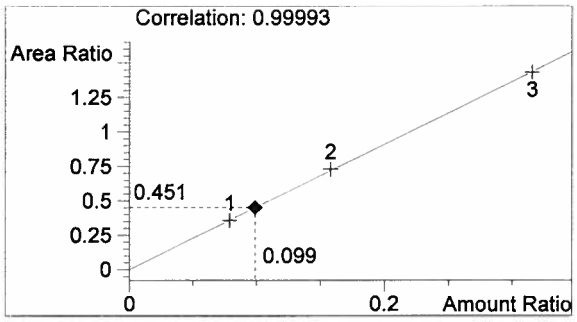
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:09:21 PM
Instrument 3
db-alc2

0.10 CTRL JK
Justin Knoy

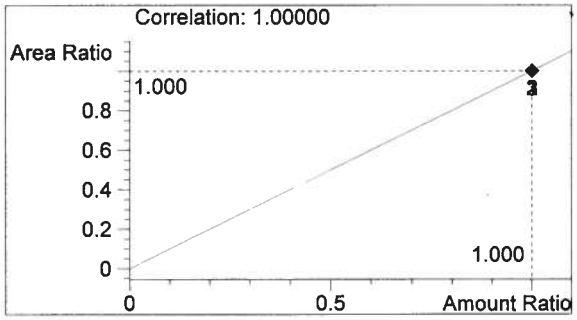
vial # 7



#	Compound	Area	RT
1	ETHANOL	817	1.069
2	n-PROPANOL	1811	1.830
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

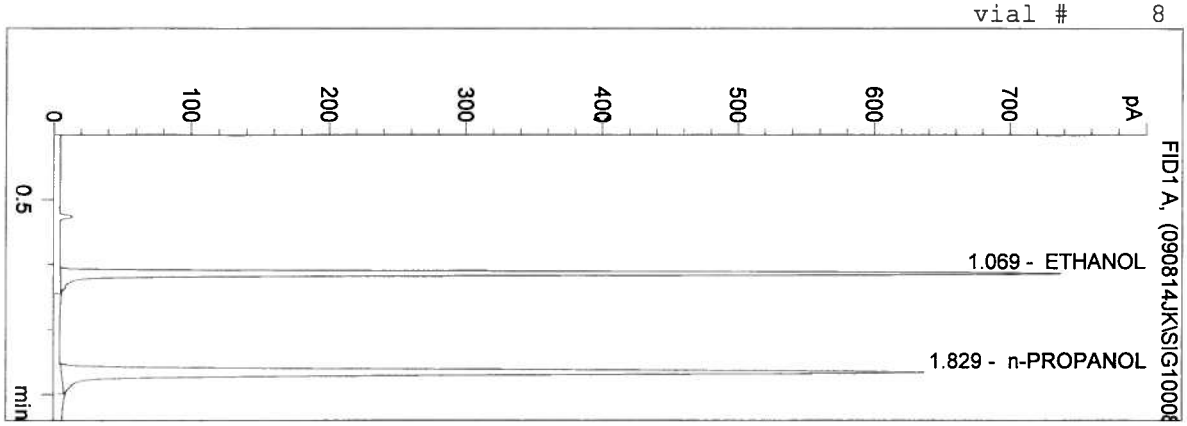
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

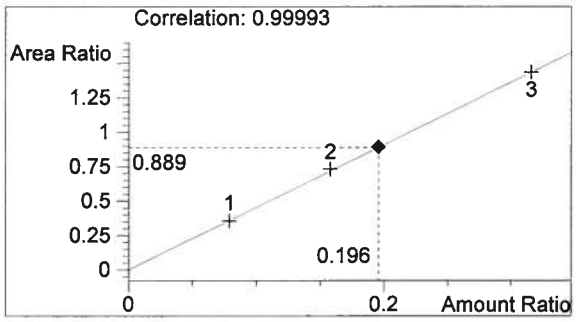
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:12:28 PM
Instrument 3
db-alc2

0.20 CTRL JK
Justin Knoy

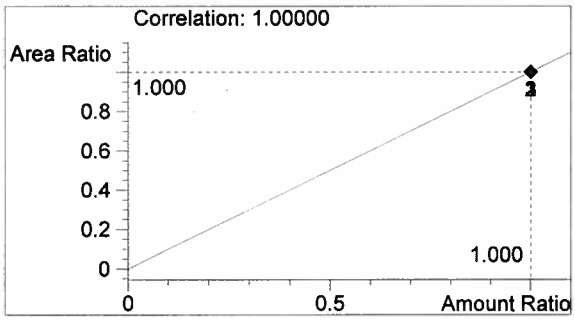
vial # 8



#	Compound	Area	RT
1	ETHANOL	1620	1.069
2	n-PROPANOL	1822	1.829
Totals:			



ETHANOL 0.196 g/100ml



n-PROPANOL 1.000 g/100ml

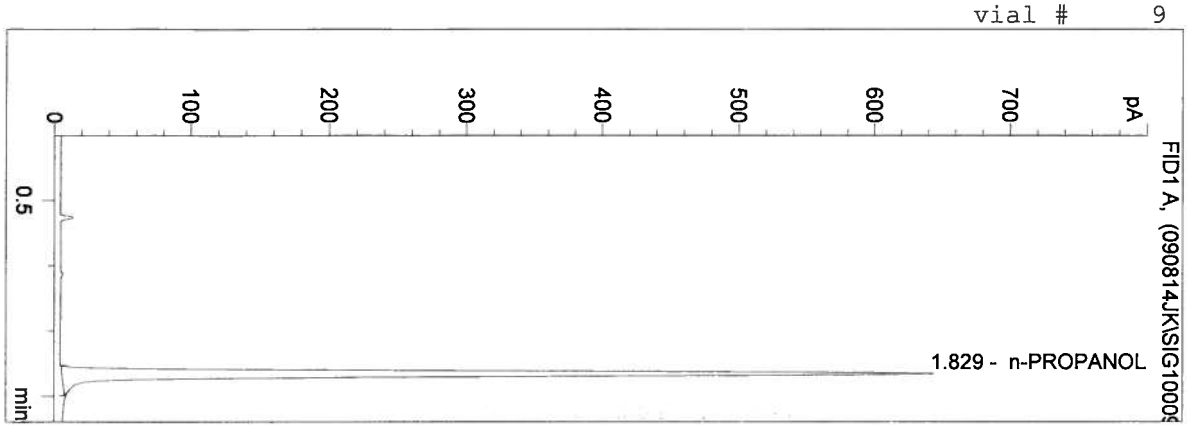
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

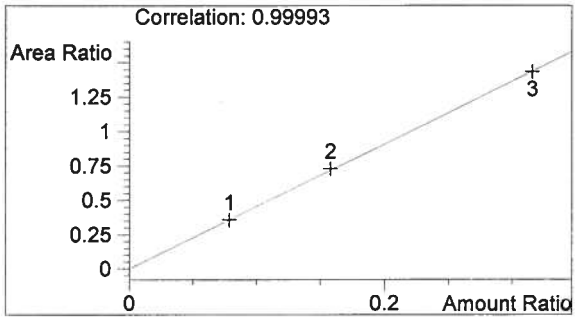
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:15:36 PM
Instrument 3
db-alc2

NEG CTRL JK
Justin Knoy

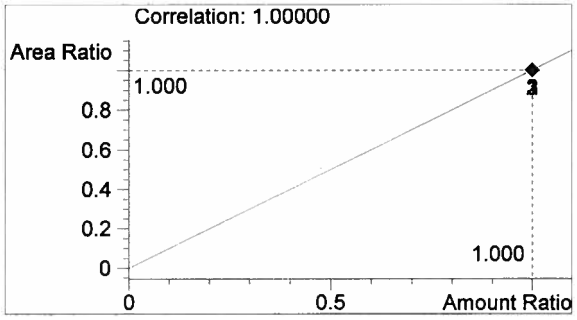
vial # 9



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1851	1.829
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

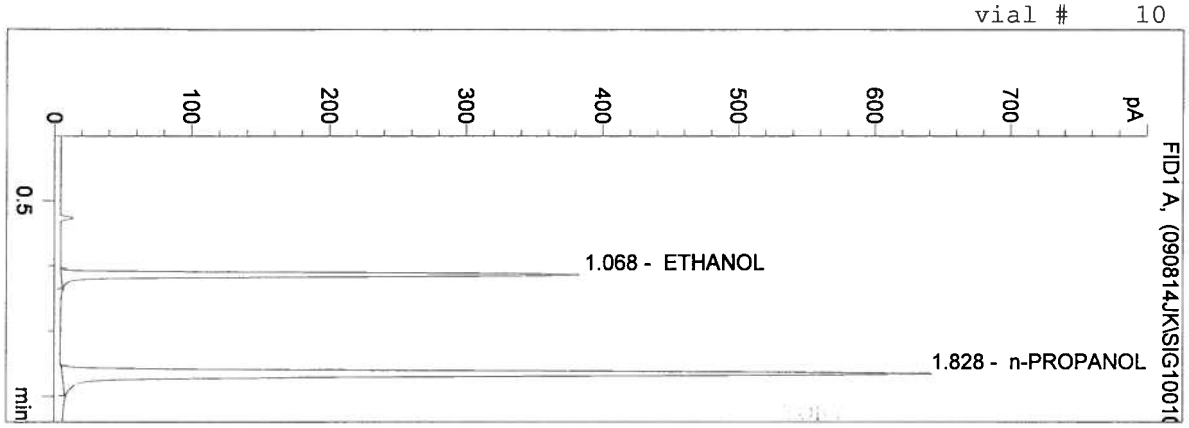
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

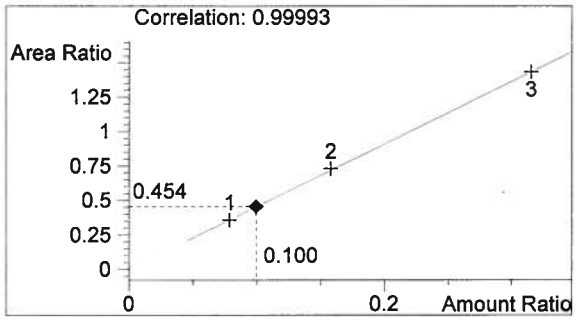
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:18:44 PM
Instrument 3
db-alc2

09032-1
Justin Knoy

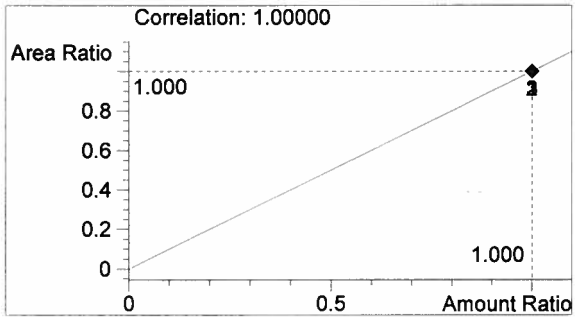
vial # 10



#	Compound	Area	RT
1	ETHANOL	835	1.068
2	n-PROPANOL	1839	1.828
Totals:			



ETHANOL 0.100 g/100ml



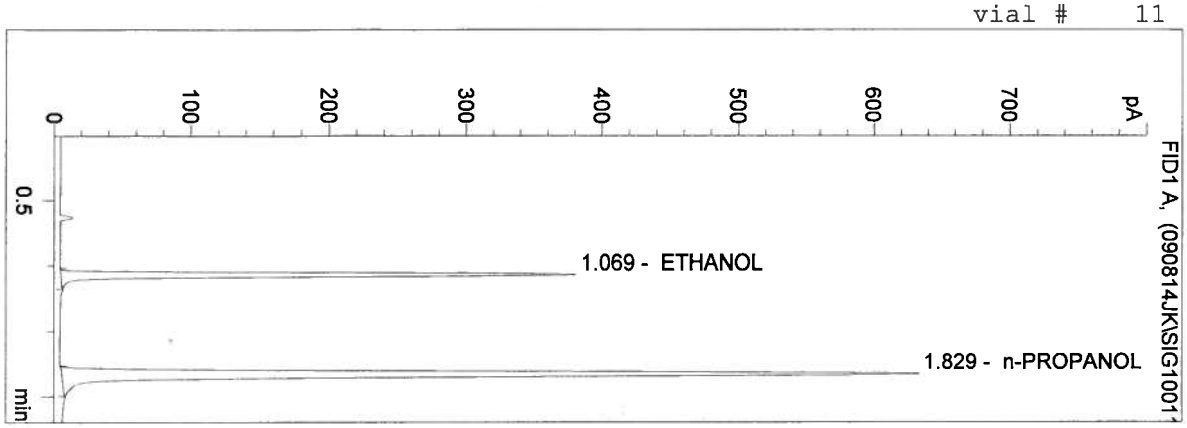
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

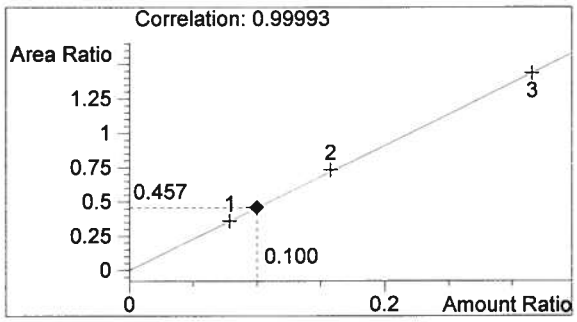
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:21:52 PM
Instrument 3
db-alc2

09032-2
Justin Knoy

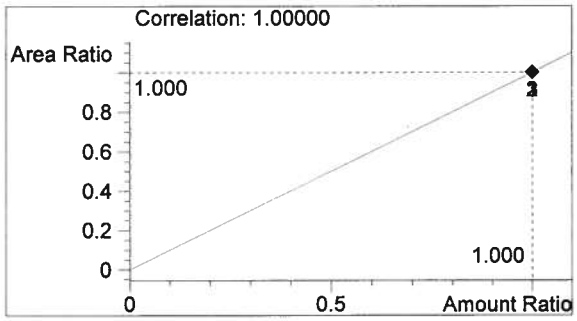
vial # 11



#	Compound	Area	RT
1	ETHANOL	828	1.069
2	n-PROPANOL	1811	1.829
Totals:			



ETHANOL 0.100 g/100ml



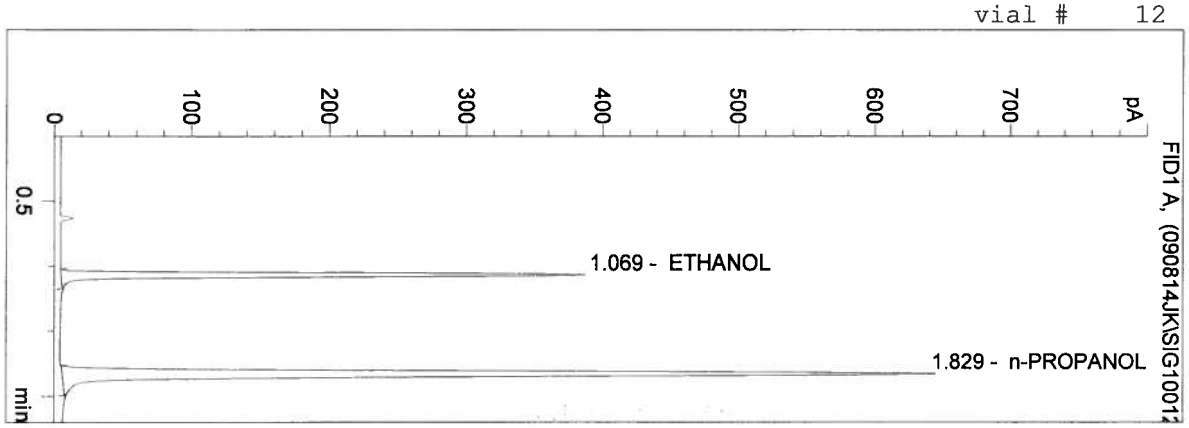
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

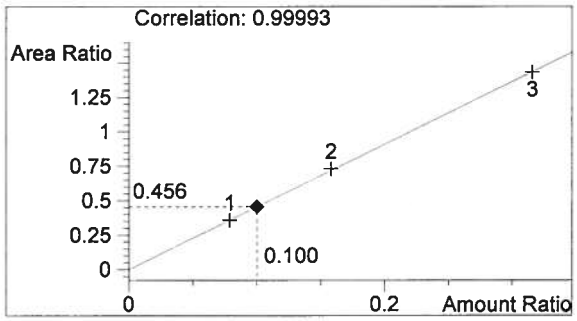
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:24:59 PM
Instrument 3
db-alc2

09032-3
Justin Knoy

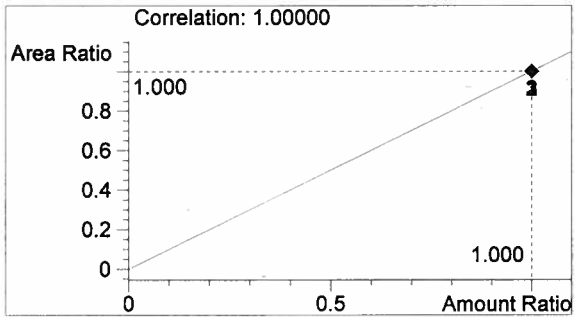
vial # 12



#	Compound	Area	RT
1	ETHANOL	842	1.069
2	n-PROPANOL	1846	1.829
Totals:			



ETHANOL 0.100 g/100ml



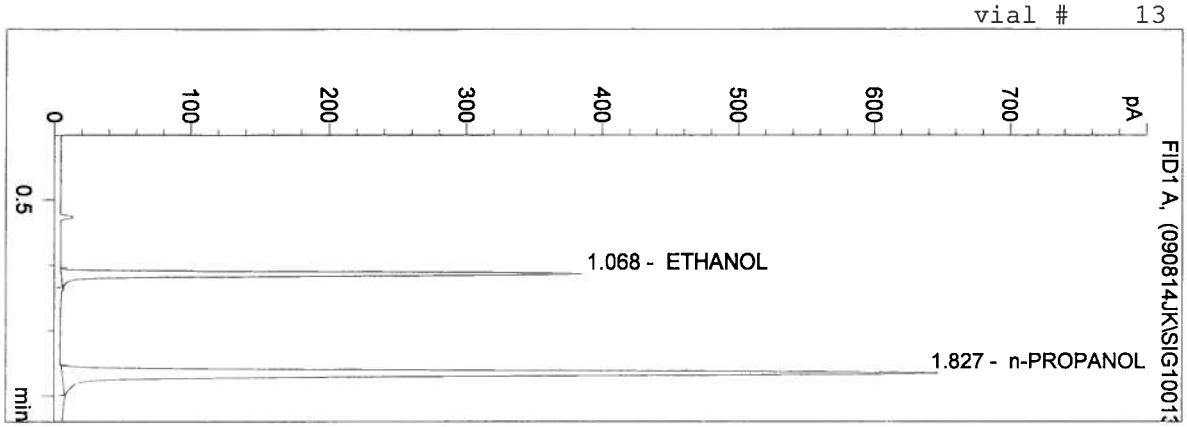
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

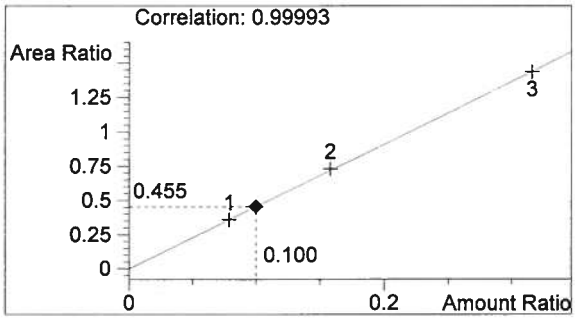
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:28:07 PM
Instrument 3
db-alc2

09032-4
Justin Knoy

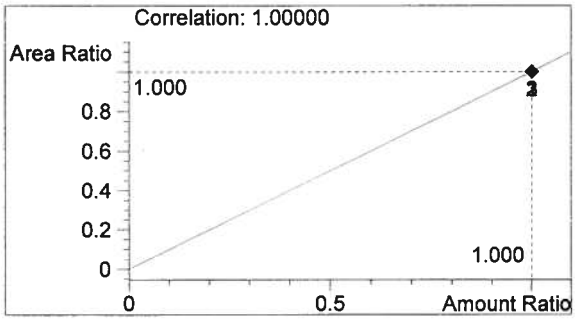
vial # 13



#	Compound	Area	RT
1	ETHANOL	845	1.068
2	n-PROPANOL	1856	1.827
Totals:			



ETHANOL 0.100 g/100ml



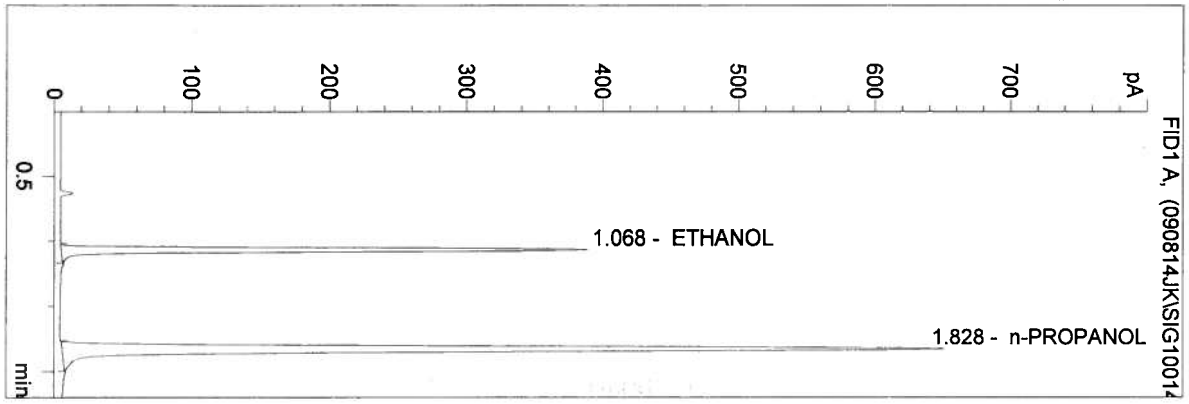
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

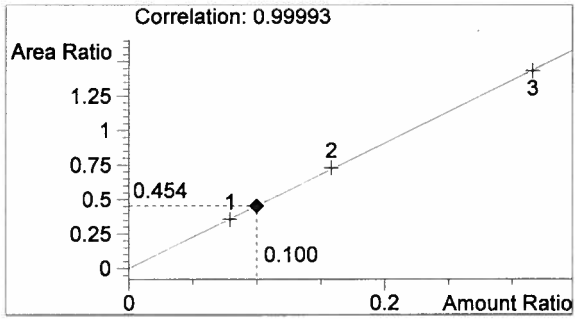
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:31:17 PM
Instrument 3
db-alc2

09032-5
Justin Knoy

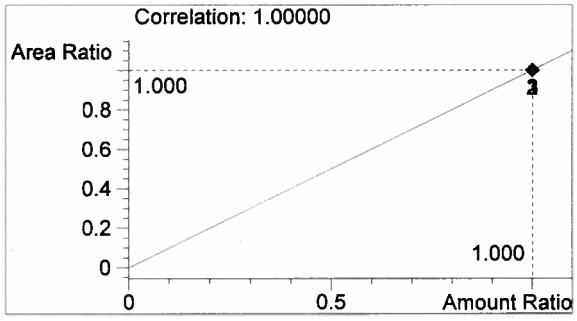
vial # 14



#	Compound	Area	RT
1	ETHANOL	843	1.068
2	n-PROPANOL	1858	1.828
Totals:			



ETHANOL 0.100 g/100ml



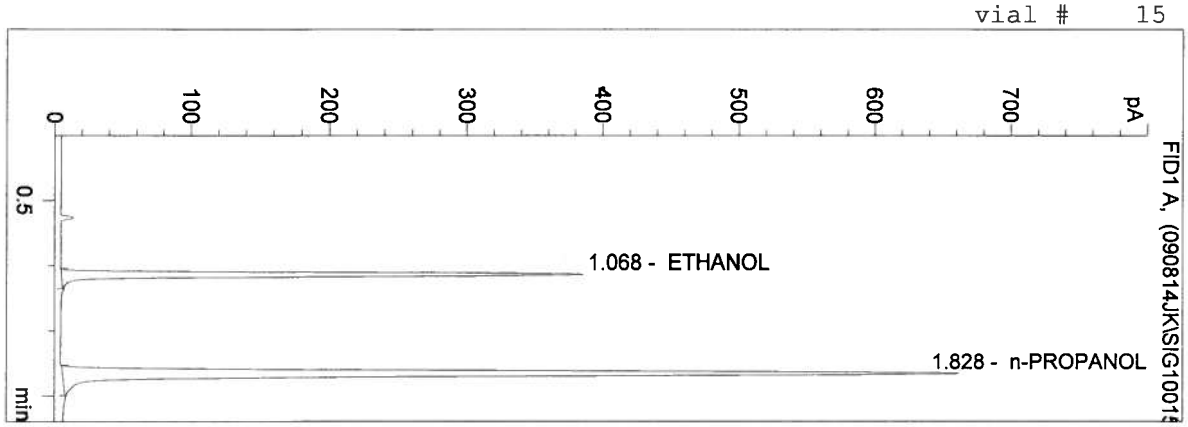
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:34:23 PM
Instrument 3
db-alc2

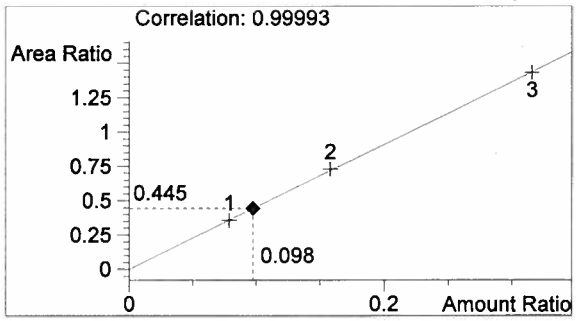
0.10 CTRL JK
Justin Knoy

vial # 15

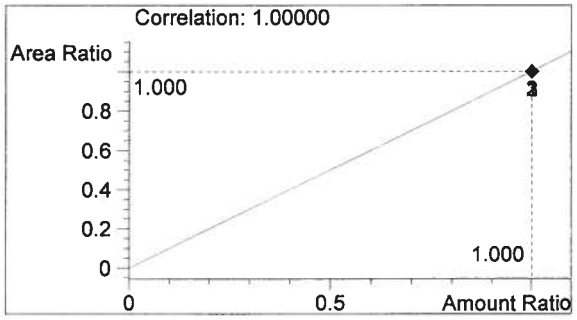


#	Compound	Area	RT
1	ETHANOL	844	1.068
2	n-PROPANOL	1895	1.828

Totals:



ETHANOL 0.098 g/100ml



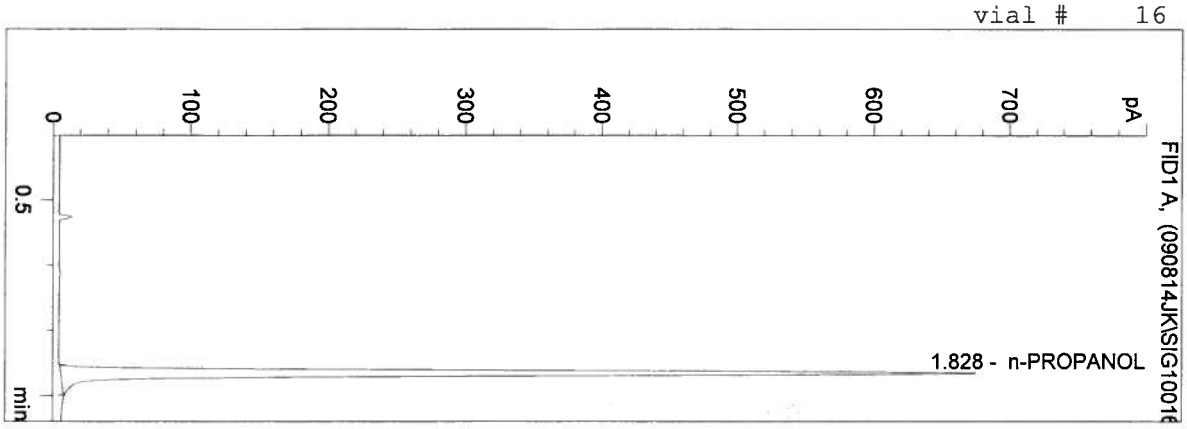
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 12:37:30 PM
Instrument 3
db-alc2

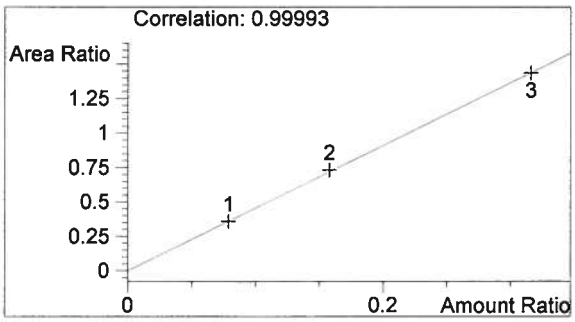
NEG CTRL JK
Justin Knoy

vial # 16

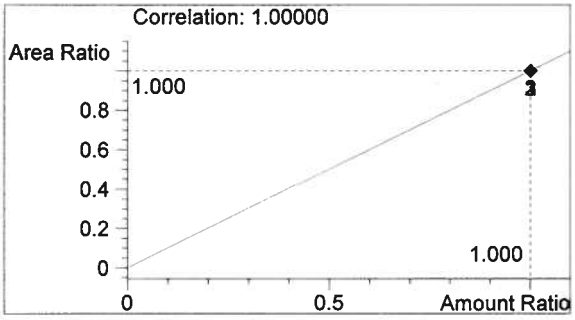


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1933	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09032

Sequence Parameters:

Operator:	Lisa Noble
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:	090814LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

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 CTRL-LN	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-LN	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-LN	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-LN	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-LN	SIMALC	1	Ctrl Samp		
10	Vial 10	09032 #1	SIMALC	1	Sample		
11	Vial 11	09032 #2	SIMALC	1	Sample		
12	Vial 12	09032 #3	SIMALC	1	Sample		
13	Vial 13	09032 #4	SIMALC	1	Sample		
14	Vial 14	09032 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-LN	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-LN	SIMALC	1	Ctrl Samp		

LN

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):

09032

No entries - empty table!

fn

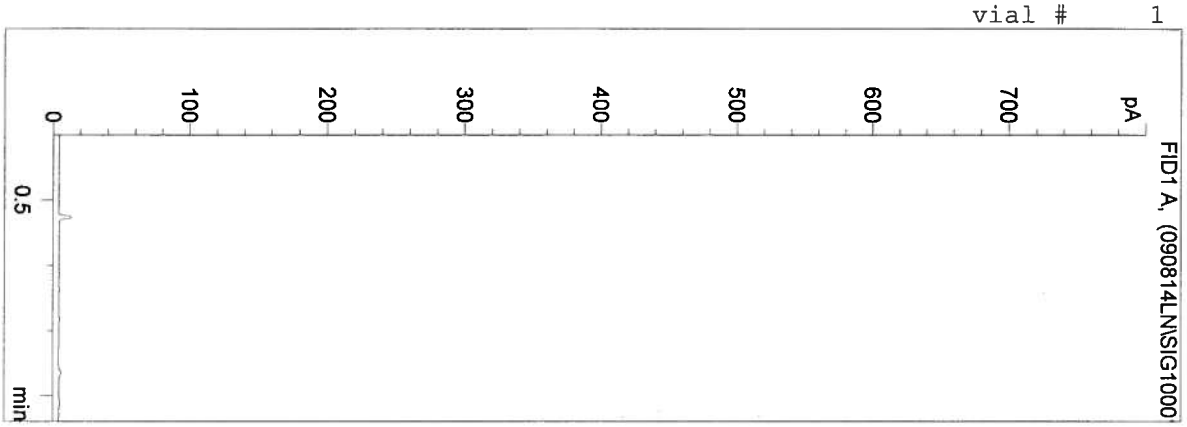
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

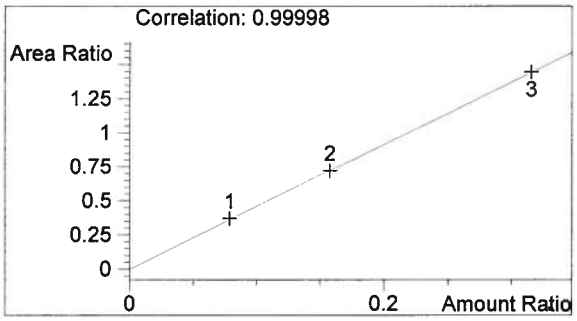
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:08:09 PM
Instrument 3
db-alc2

BLANK
Lisa Noble

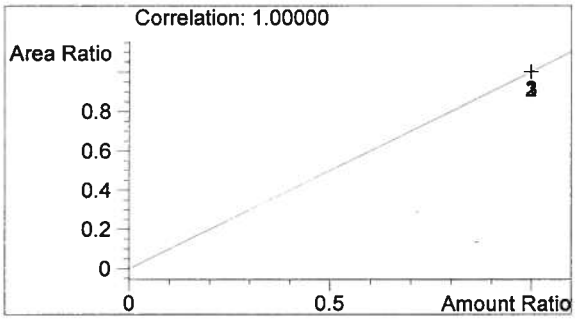
vial # 1



#	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

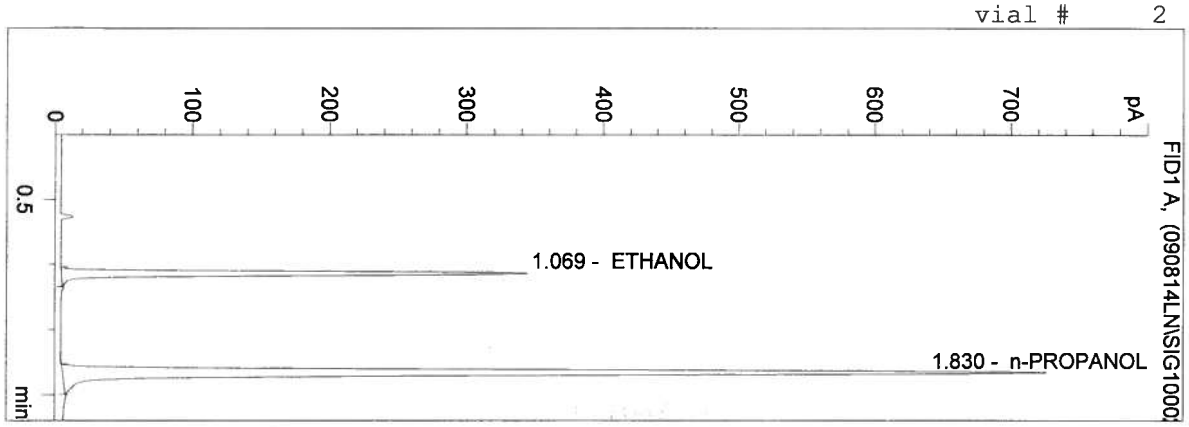
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:11:17 PM
Instrument 3
db-alc2

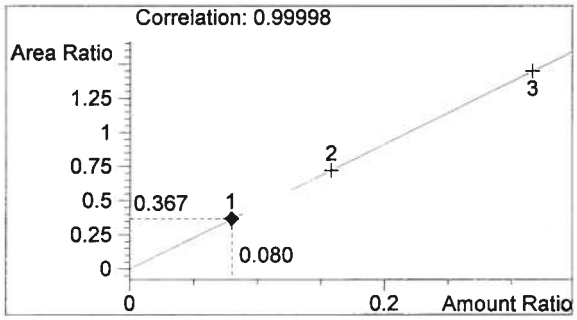
0.079 CAL 1
Lisa Noble

vial # 2

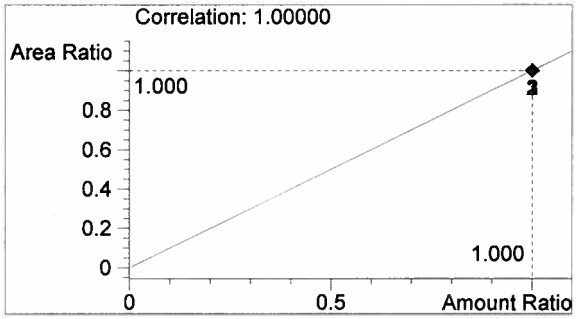


#	Compound	Area	RT
1	ETHANOL	764	1.069
2	n-PROPANOL	2081	1.830

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

fn

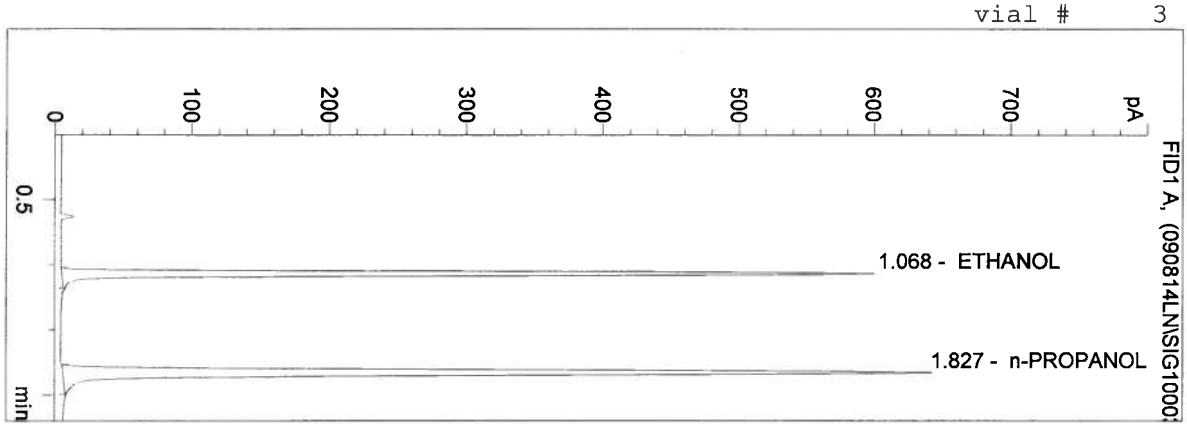
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:14:24 PM
Instrument 3
db-alc2

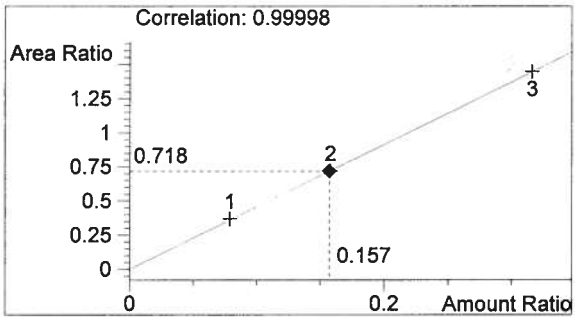
0.158 CAL 2
Lisa Noble

vial # 3

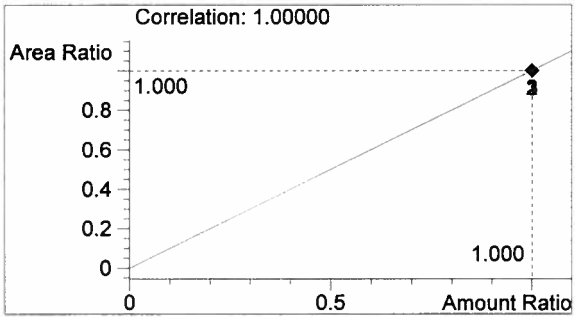


#	Compound	Area	RT
1	ETHANOL	1322	1.068
2	n-PROPANOL	1842	1.827

Totals:



ETHANOL 0.157 g/100ml



n-PROPANOL 1.000 g/100ml

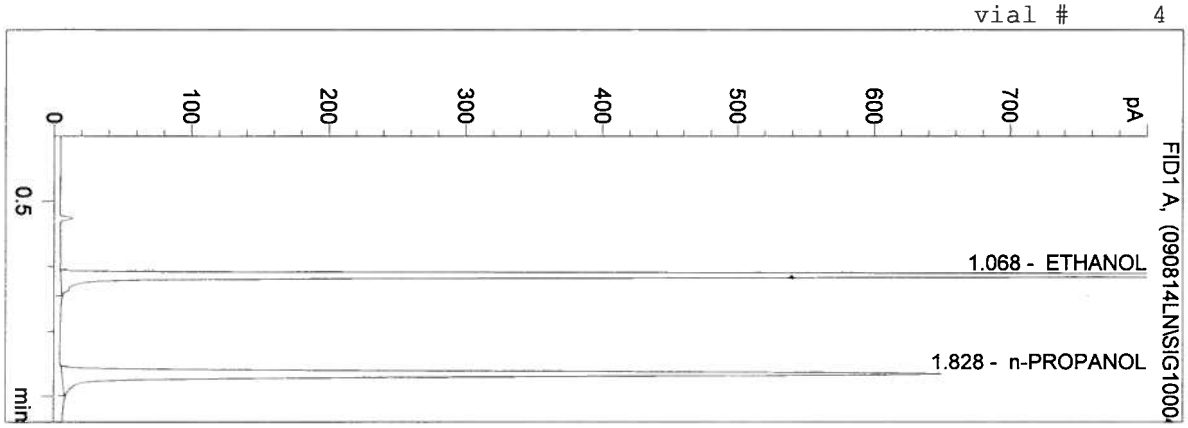
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:17:32 PM
Instrument 3
db-alc2

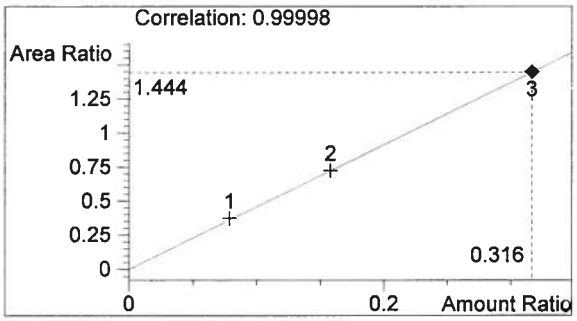
0.316 CAL 3
Lisa Noble

vial # 4

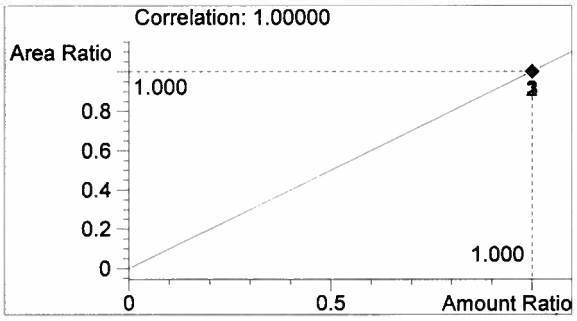


#	Compound	Area	RT
1	ETHANOL	2689	1.068
2	n-PROPANOL	1863	1.828

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

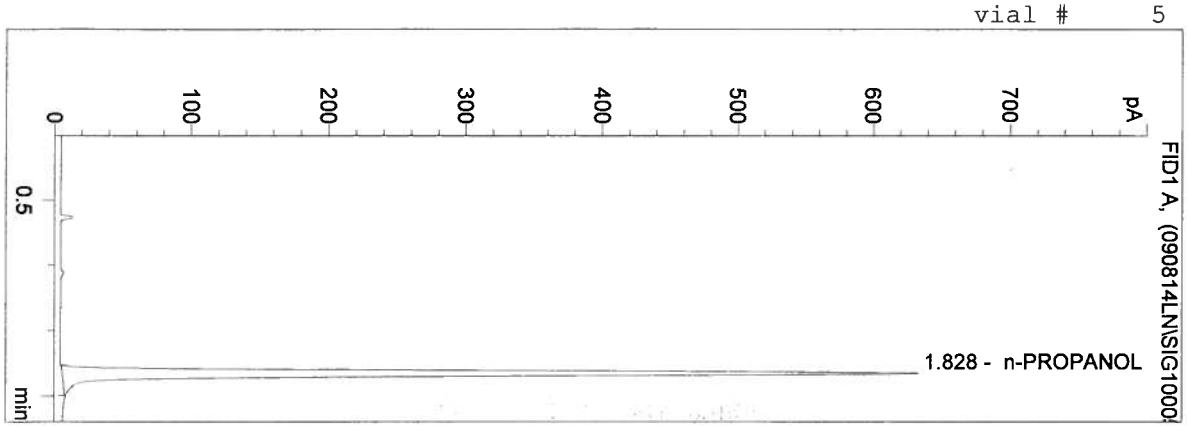
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

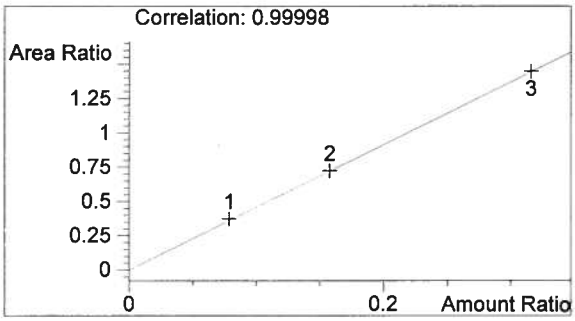
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:20:40 PM
Instrument 3
db-alc2

NEG CTRL-LN
Lisa Noble

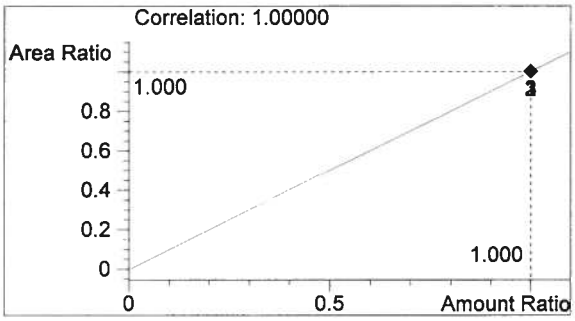
vial # 5



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1821	1.828
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

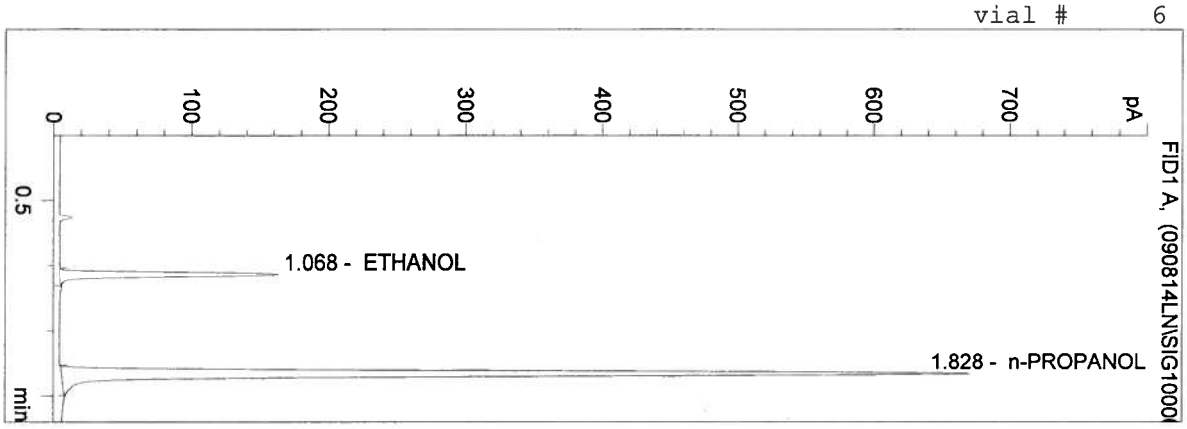
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:23:48 PM
Instrument 3
db-alc2

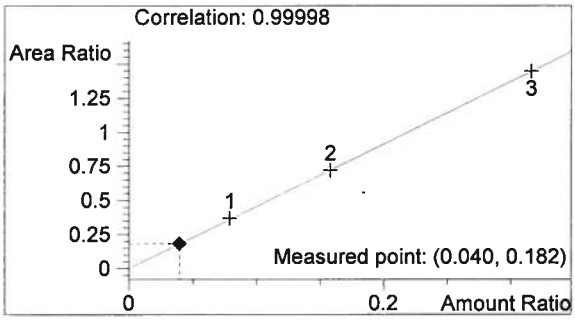
0.04 CTRL-LN
Lisa Noble

vial # 6

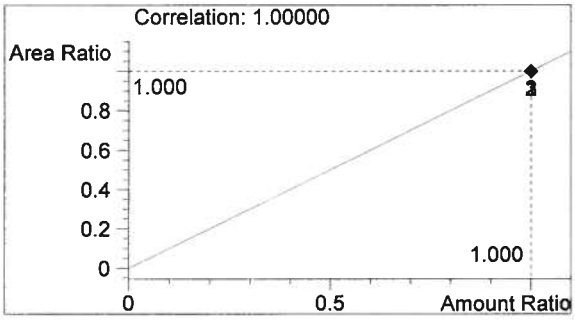


#	Compound	Area	RT
1	ETHANOL	350	1.068
2	n-PROPANOL	1915	1.828

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

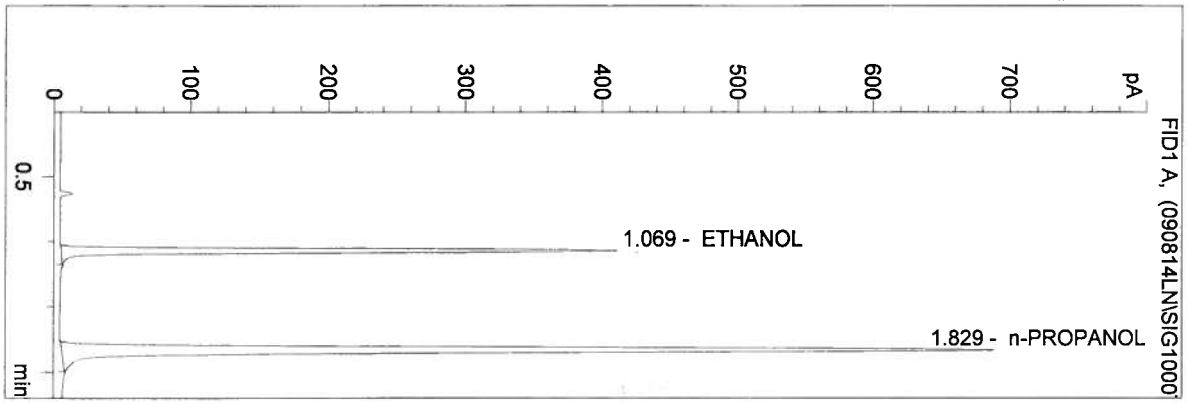
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:26:56 PM
Instrument 3
db-alc2

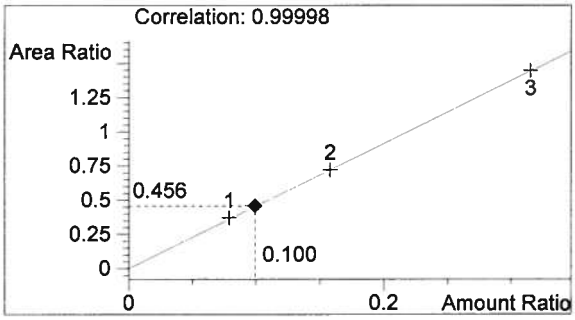
0.10 CTRL-LN
Lisa Noble

vial # 7

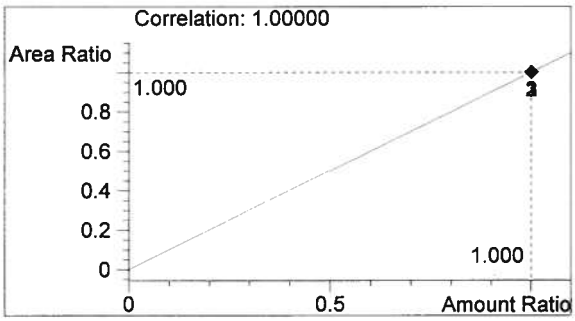


#	Compound	Area	RT
1	ETHANOL	896	1.069
2	n-PROPANOL	1965	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

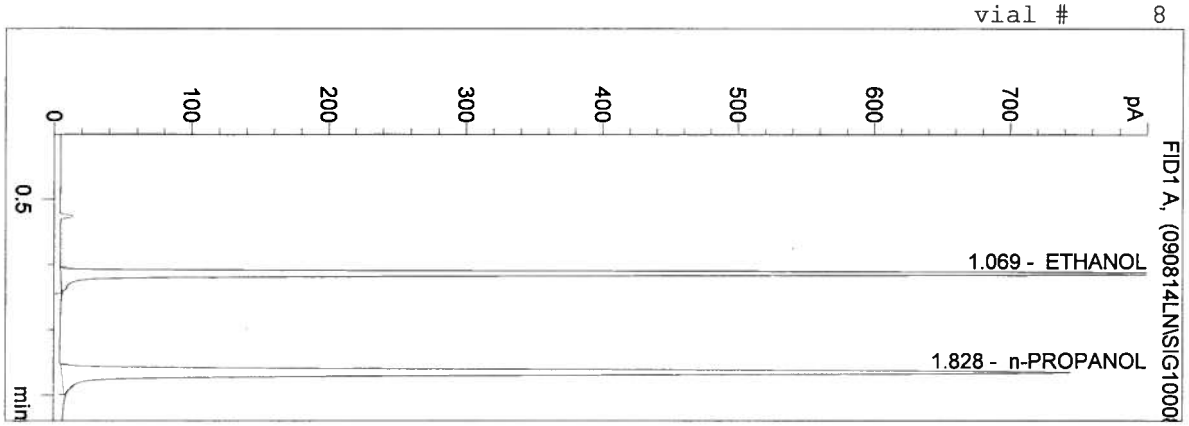
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

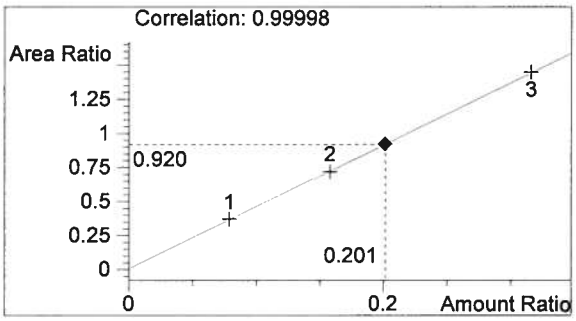
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:30:03 PM
Instrument 3
db-alc2

0.20 CTRL-LN
Lisa Noble

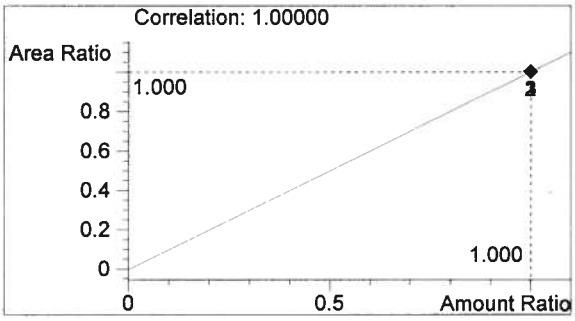
vial # 8



#	Compound	Area	RT
1	ETHANOL	1956	1.069
2	n-PROPANOL	2126	1.828
Totals:			



ETHANOL 0.201 g/100ml



n-PROPANOL 1.000 g/100ml

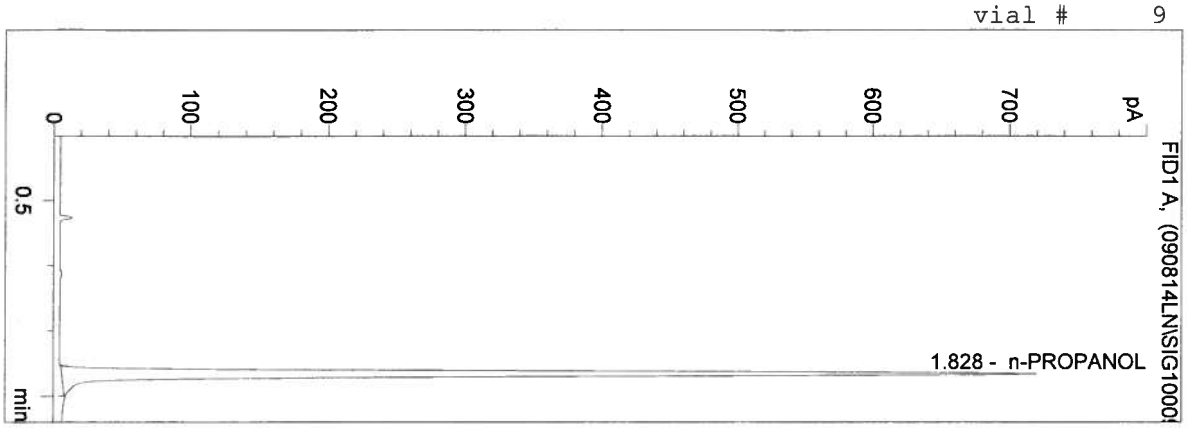
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:33:11 PM
Instrument 3
db-alc2

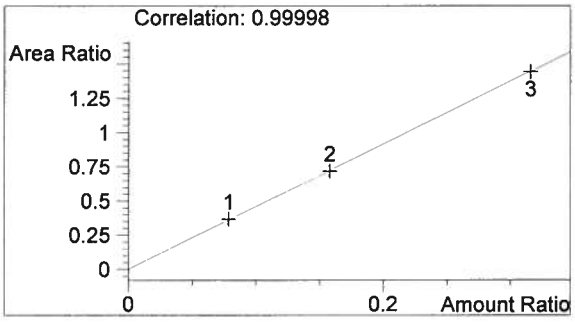
NEG CTRL-LN
Lisa Noble

vial # 9

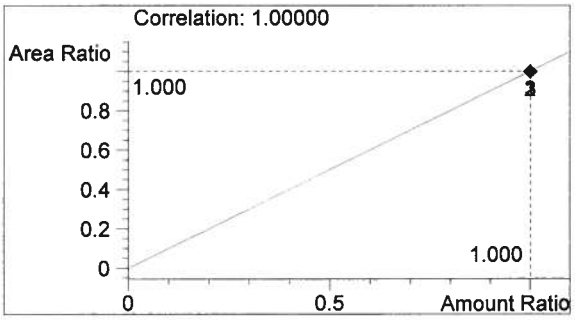


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2057	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

Ln

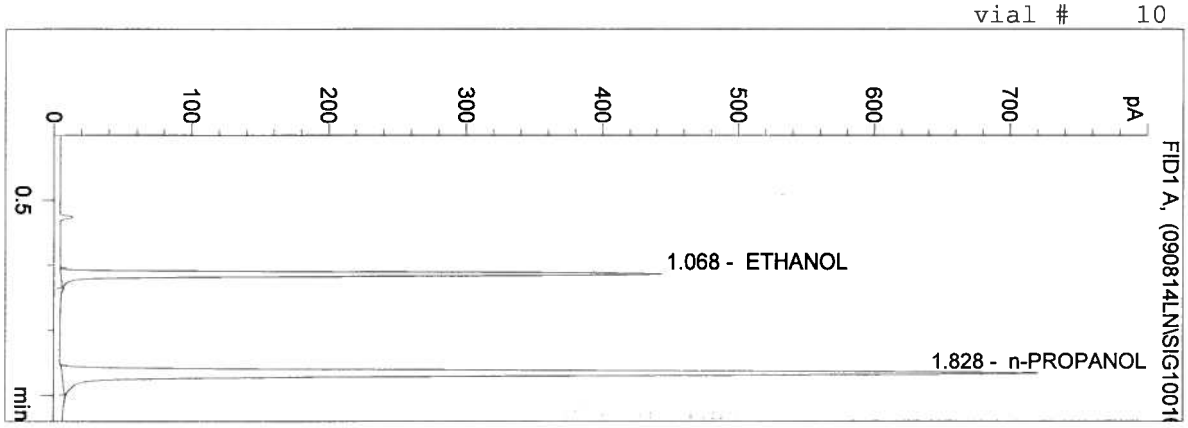
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:36:19 PM
Instrument 3
db-alc2

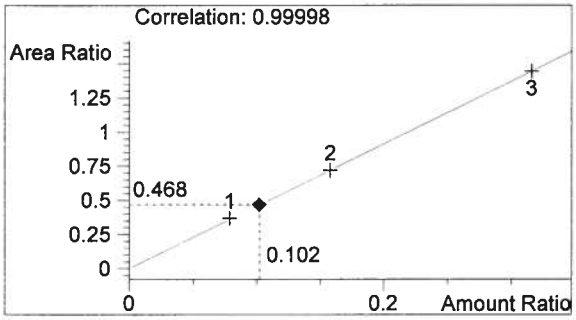
09032 #1
Lisa Noble

vial # 10

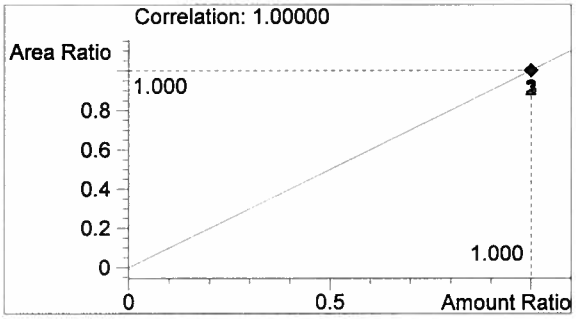


#	Compound	Area	RT
1	ETHANOL	962	1.068
2	n-PROPANOL	2055	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

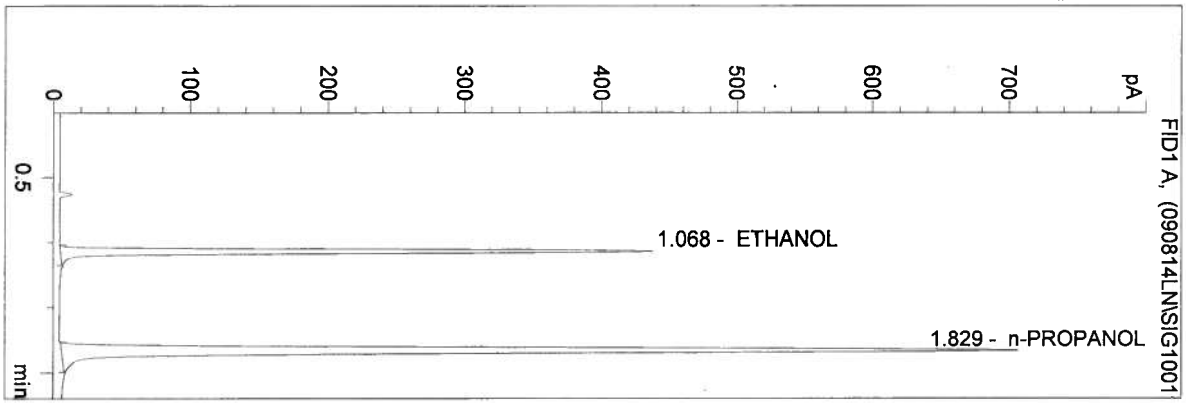
Ln

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:39:27 PM
Instrument 3
db-alc2

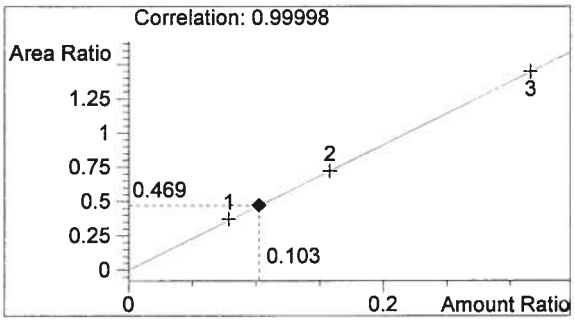
09032 #2
Lisa Noble

vial # 11

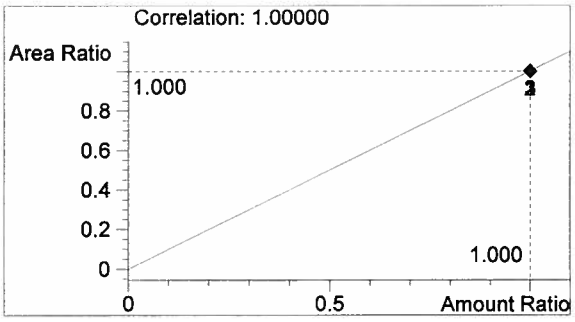


#	Compound	Area	RT
1	ETHANOL	947	1.068
2	n-PROPANOL	2016	1.829

Totals:



ETHANOL 0.103 g/100ml



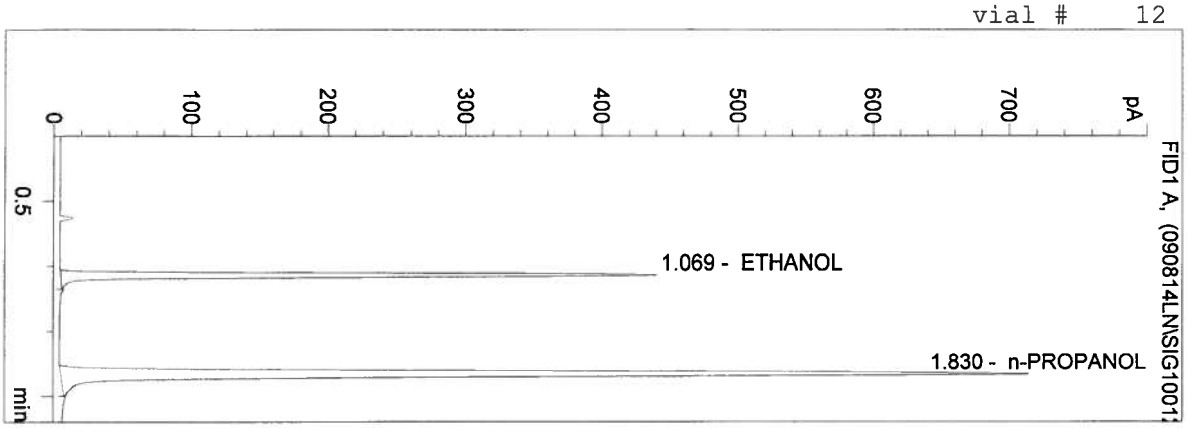
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:42:35 PM
Instrument 3
db-alc2

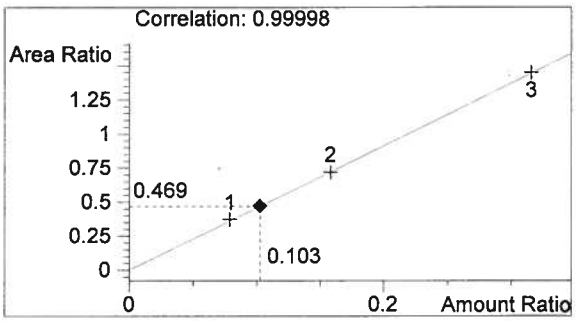
09032 #3
Lisa Noble

vial # 12

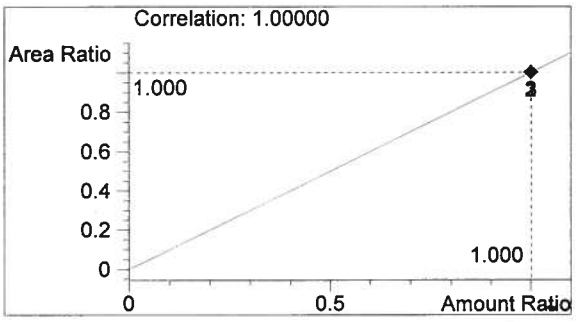


#	Compound	Area	RT
1	ETHANOL	959	1.069
2	n-PROPANOL	2044	1.830

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

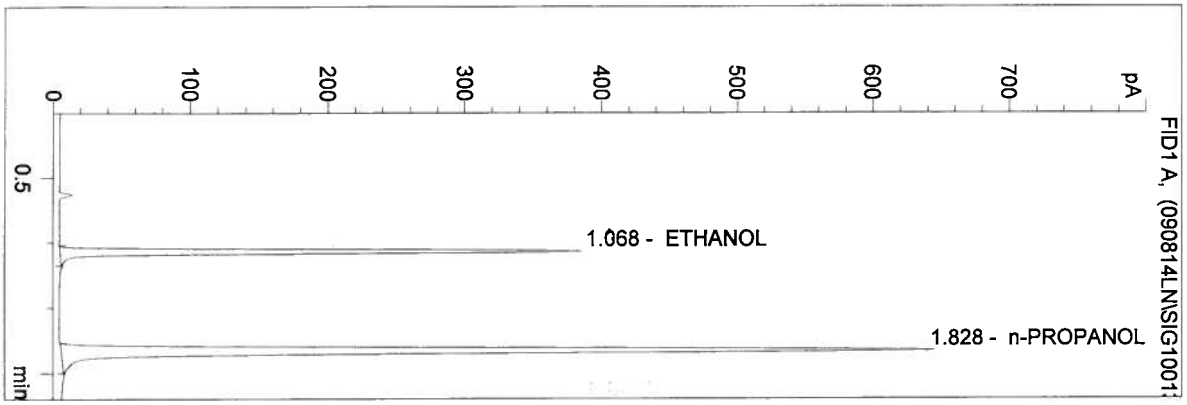
fn

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:45:42 PM
Instrument 3
db-alc2

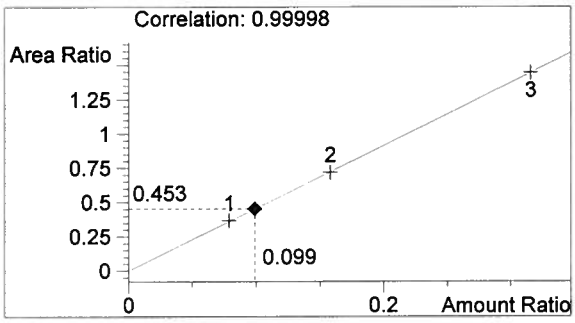
09032 #4
Lisa Noble

vial # 13

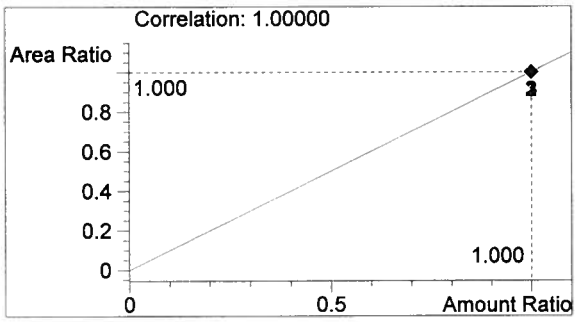


#	Compound	Area	RT
1	ETHANOL	835	1.068
2	n-PROPANOL	1842	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

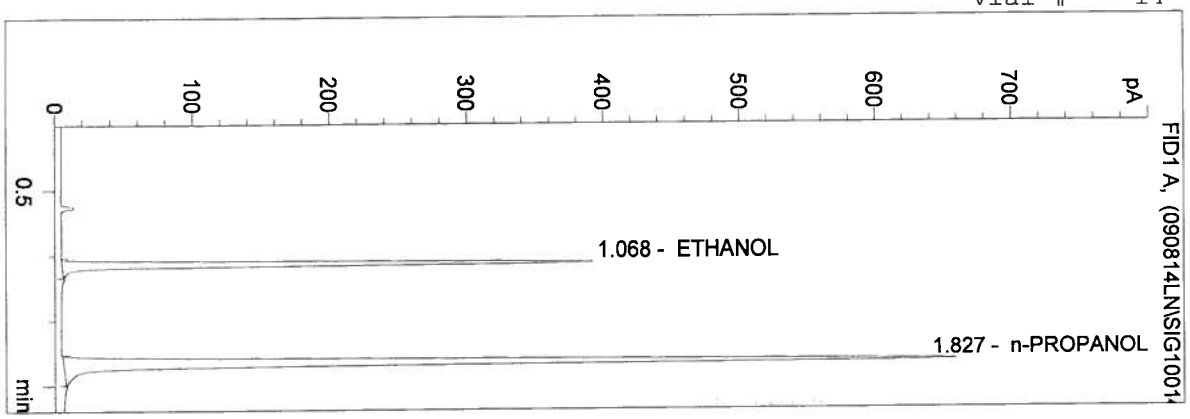
fn

WASHINGTON STATE TOXICOLOGY LABORATORY

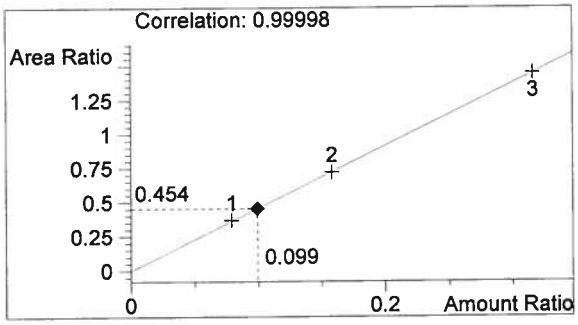
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:48:50 PM
Instrument 3
db-alc2

09032 #5
Lisa Noble

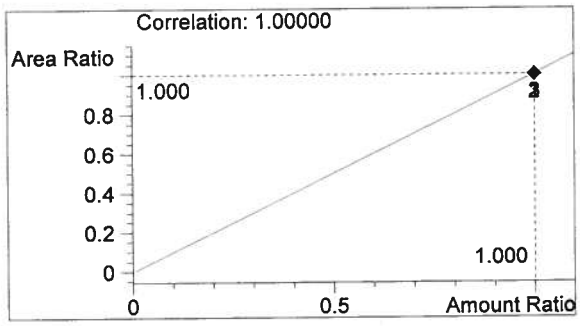
vial # 14



#	Compound	Area	RT
1	ETHANOL	857	1.068
2	n-PROPANOL	1886	1.827
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

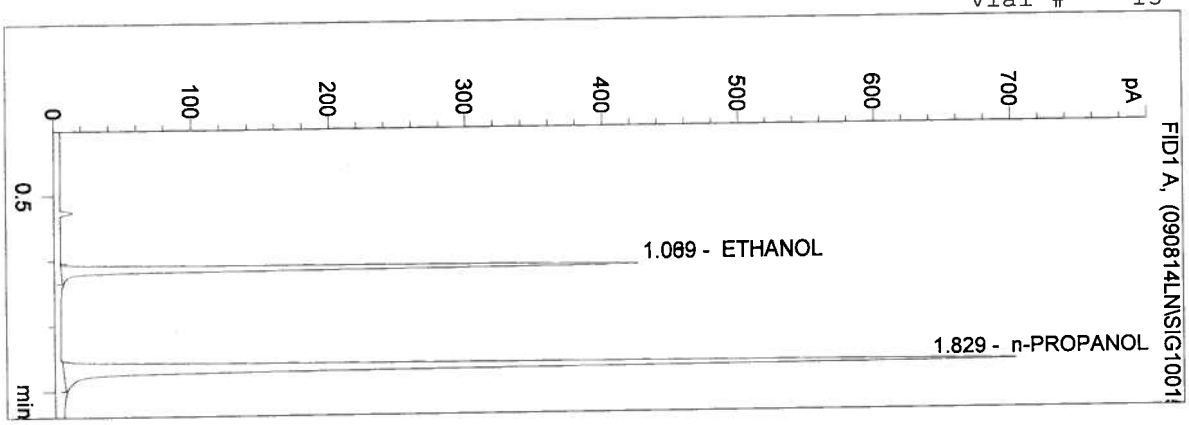
fn

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:51:58 PM
Instrument 3
db-alc2

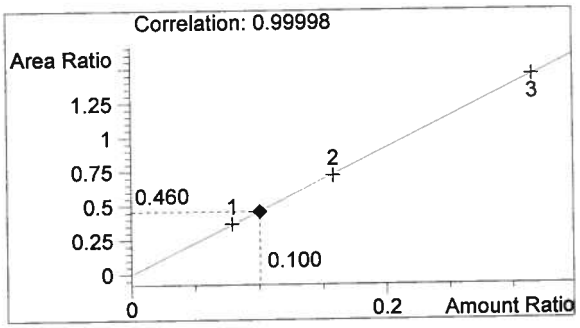
0.10 CTRL-LN
Lisa Noble

vial # 15

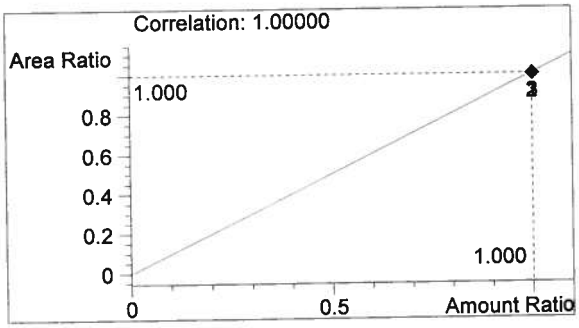


#	Compound	Area	RT
1	ETHANOL	922	1.069
2	n-PROPANOL	2005	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

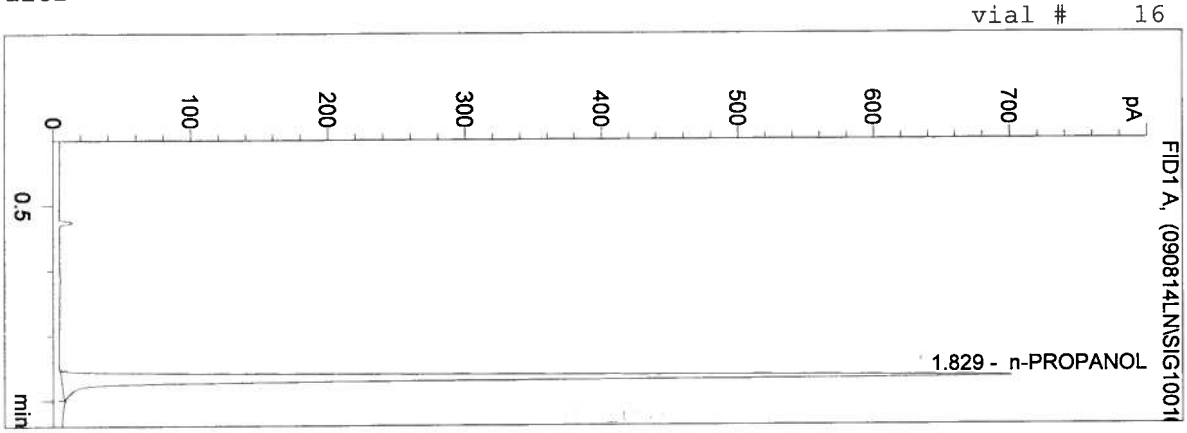
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 2:55:06 PM
Instrument 3
db-alc2

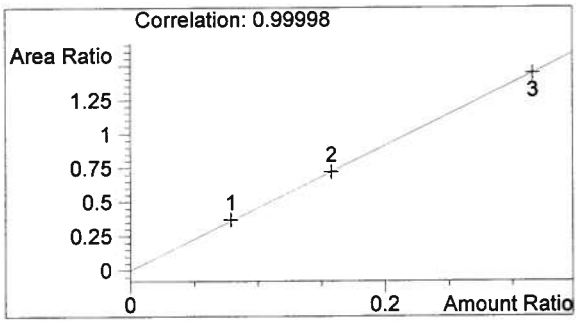
NEG CTRL-LN
Lisa Noble

vial # 16

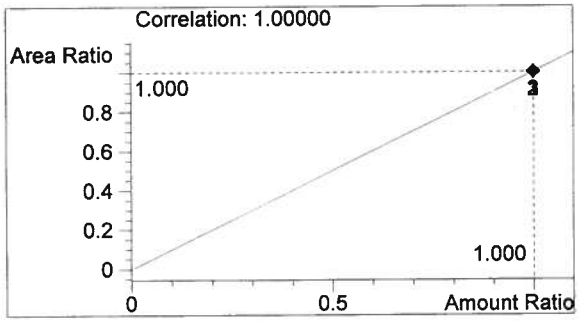


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2003	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09032

Sequence Parameters:

Operator:	Gwynyth Almendarez
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:	090814GA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

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 CTRL- GA	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL- GA	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL- GA	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL- GA	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL- GA	SIMALC	1	Ctrl Samp		
10	Vial 10	09032 #1	SIMALC	1	Sample		
11	Vial 11	09032 #2	SIMALC	1	Sample		
12	Vial 12	09032 #3	SIMALC	1	Sample		
13	Vial 13	09032 #4	SIMALC	1	Sample		
14	Vial 14	09032 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL- GA	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL- GA	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!

09032

ysa

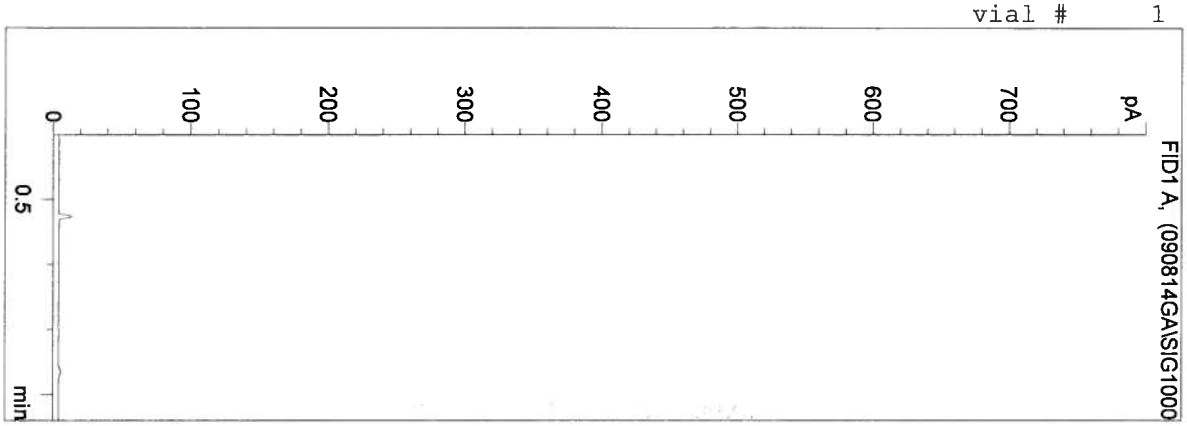
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 10:41:53 AM
Instrument 3
db-alc2

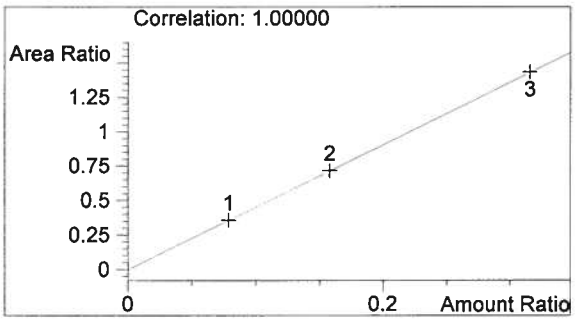
Blank
Gwynyth Almendarez

vial # 1

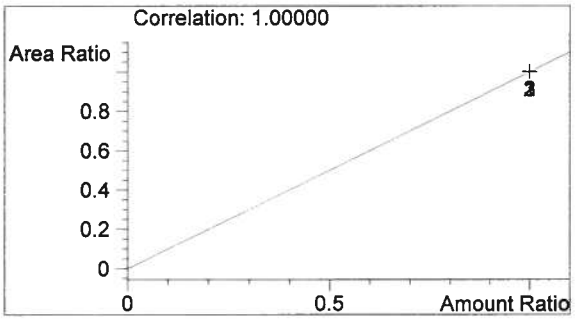


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

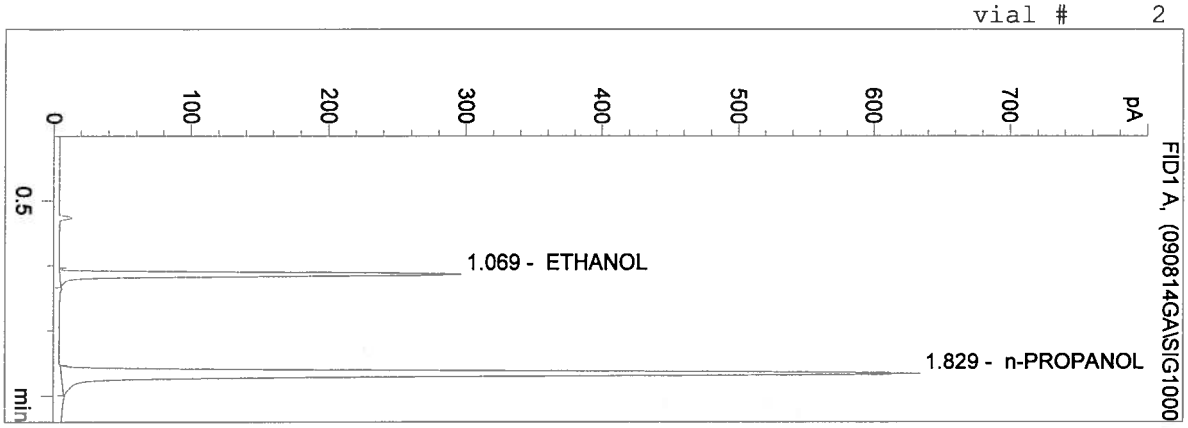
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 10:45:01 AM
Instrument 3
db-alc2

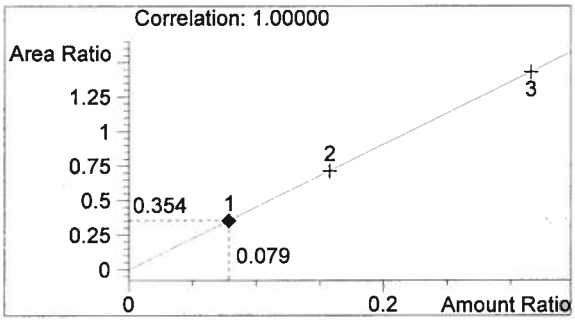
0.079 CAL 1
Gwynyth Almendarez

vial # 2

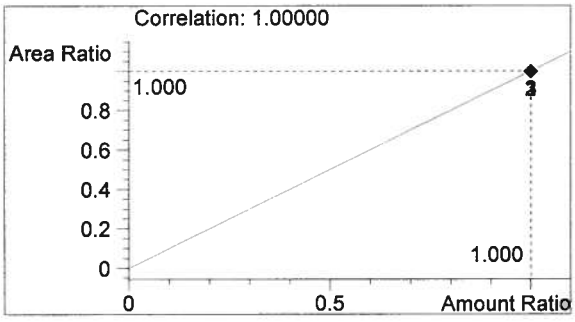


#	Compound	Area	RT
1	ETHANOL	643	1.069
2	n-PROPANOL	1815	1.829

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

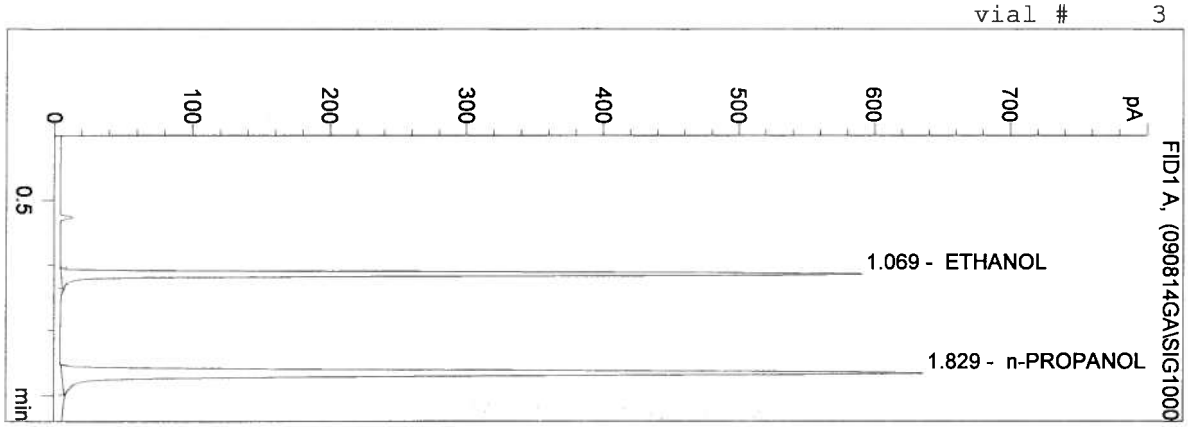
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 10:48:09 AM
Instrument 3
db-alc2

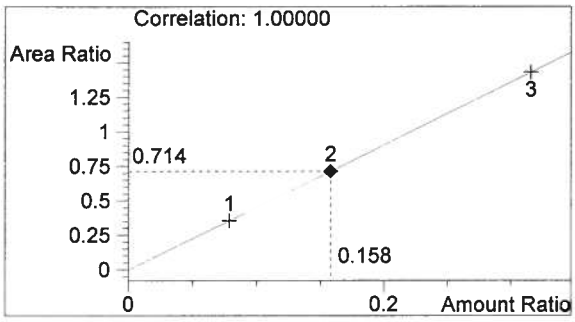
0.158 CAL 2
Gwynyth Almendarez

vial # 3

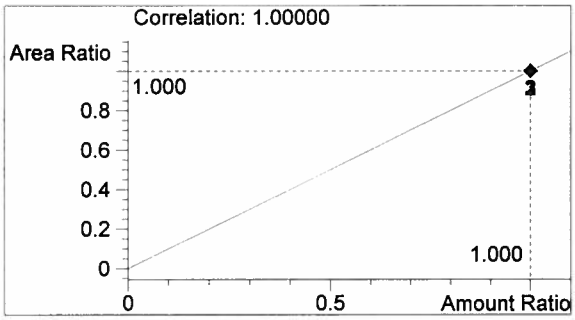


#	Compound	Area	RT
1	ETHANOL	1303	1.069
2	n-PROPANOL	1825	1.829

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

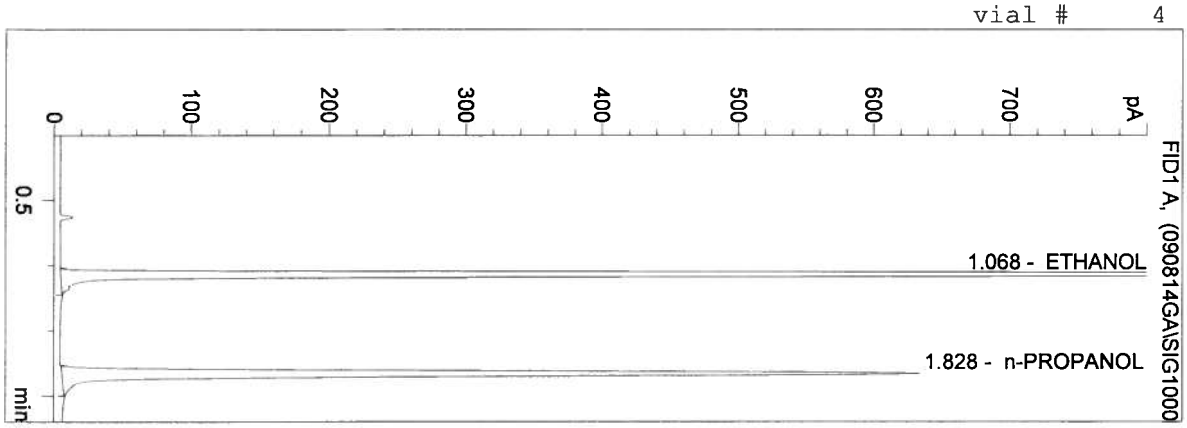
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 10:51:17 AM
Instrument 3
db-alc2

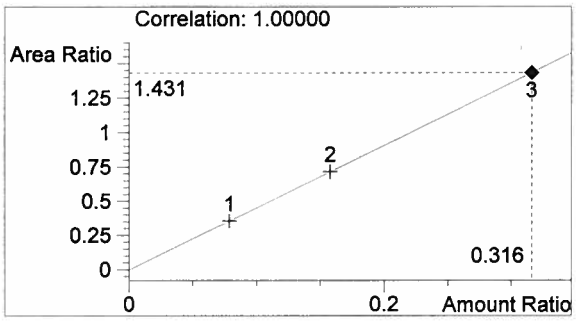
0.316 CAL 3
Gwynyth Almendarez

vial # 4

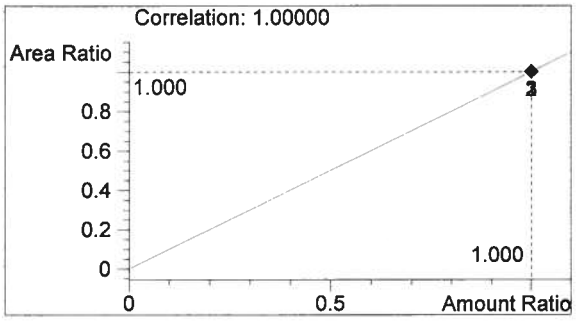


#	Compound	Area	RT
1	ETHANOL	2599	1.068
2	n-PROPANOL	1816	1.828

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

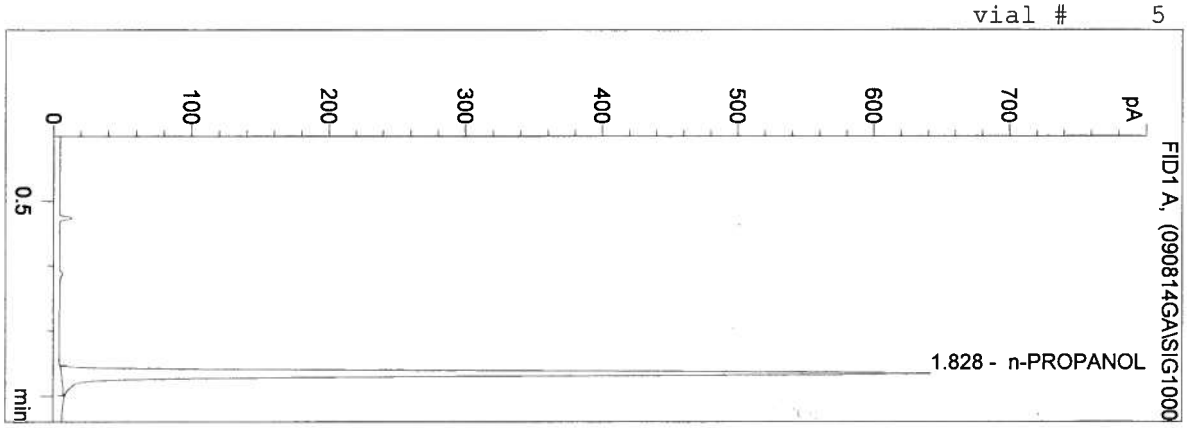
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 10:54:24 AM
Instrument 3
db-alc2

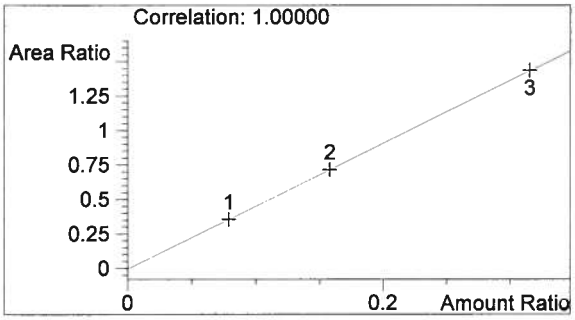
NEG CTRL- GA
Gwynyth Almendarez

vial # 5

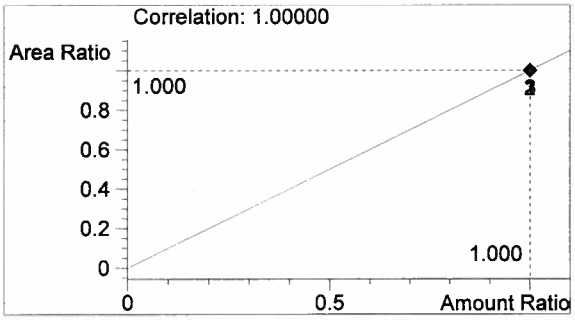


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1842	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

pse

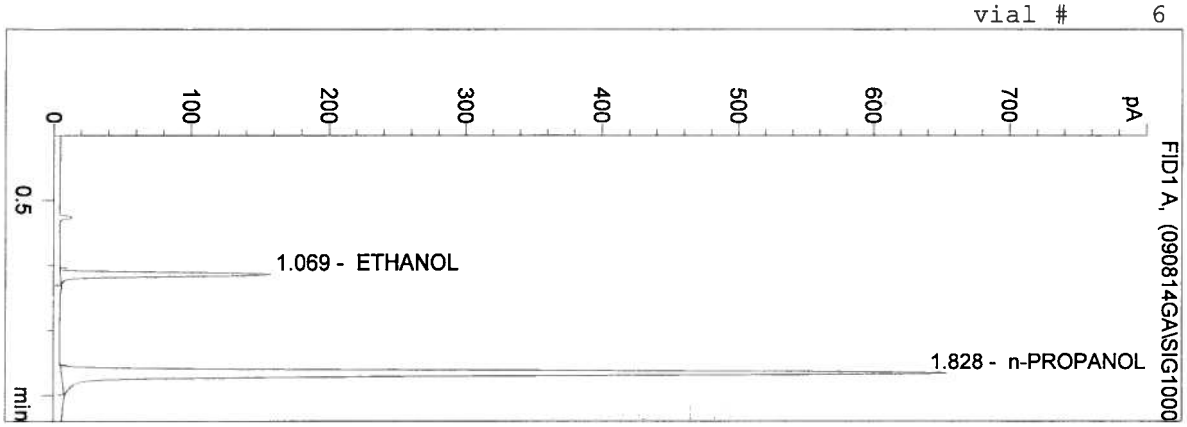
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 10:57:32 AM
Instrument 3
db-alc2

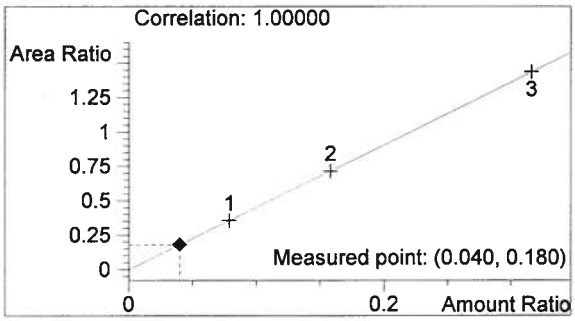
0.04 CTRL- GA
Gwynyth Almendarez

vial # 6

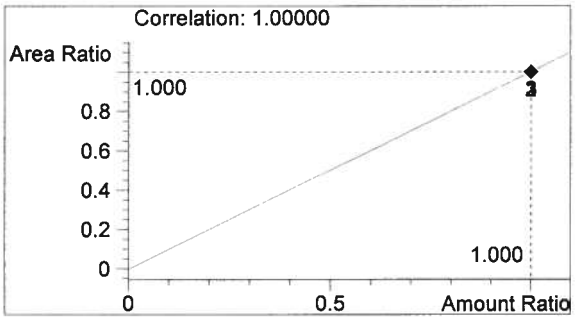


#	Compound	Area	RT
1	ETHANOL	336	1.069
2	n-PROPANOL	1869	1.828

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

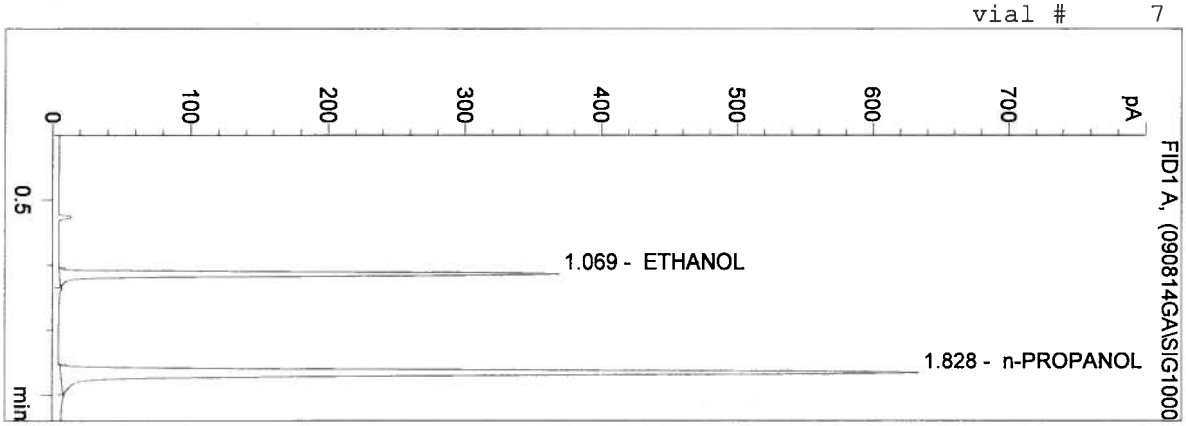
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:00:40 AM
Instrument 3
db-alc2

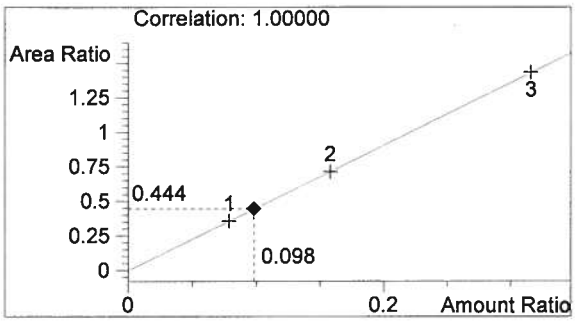
0.10 CTRL- GA
Gwynyth Almendarez

vial # 7

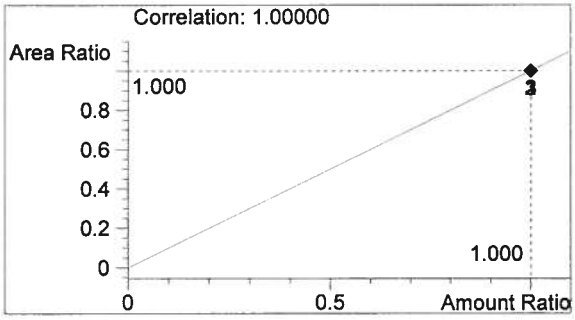


#	Compound	Area	RT
1	ETHANOL	807	1.069
2	n-PROPANOL	1817	1.828

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

09032

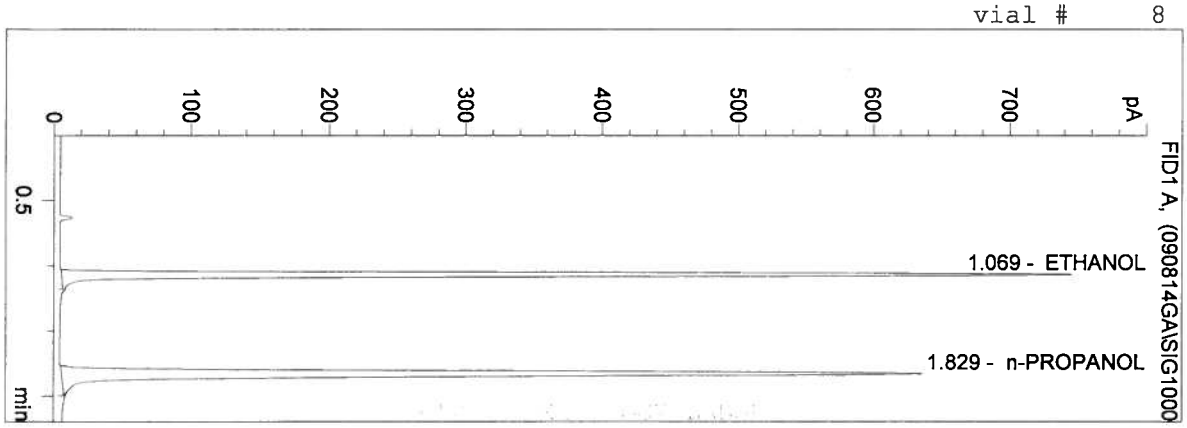
gsa

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:03:48 AM
Instrument 3
db-alc2

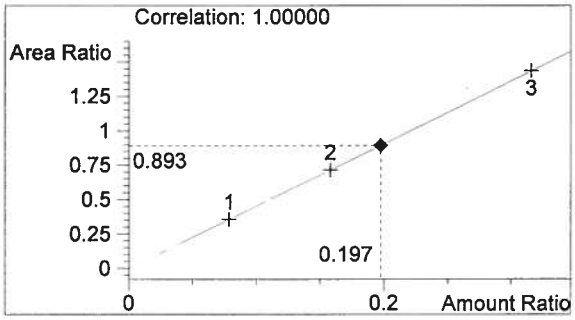
0.20 CTRL- GA
Gwynyth Almendarez

vial # 8

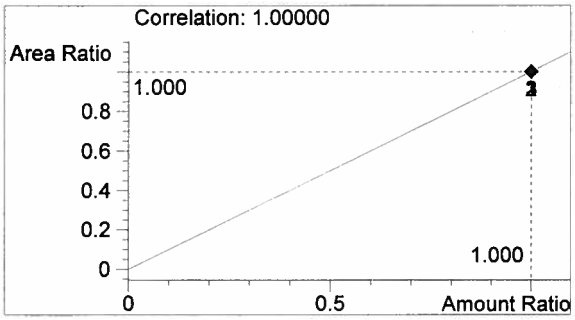


#	Compound	Area	RT
1	ETHANOL	1620	1.069
2	n-PROPANOL	1815	1.829

Totals:



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

09032

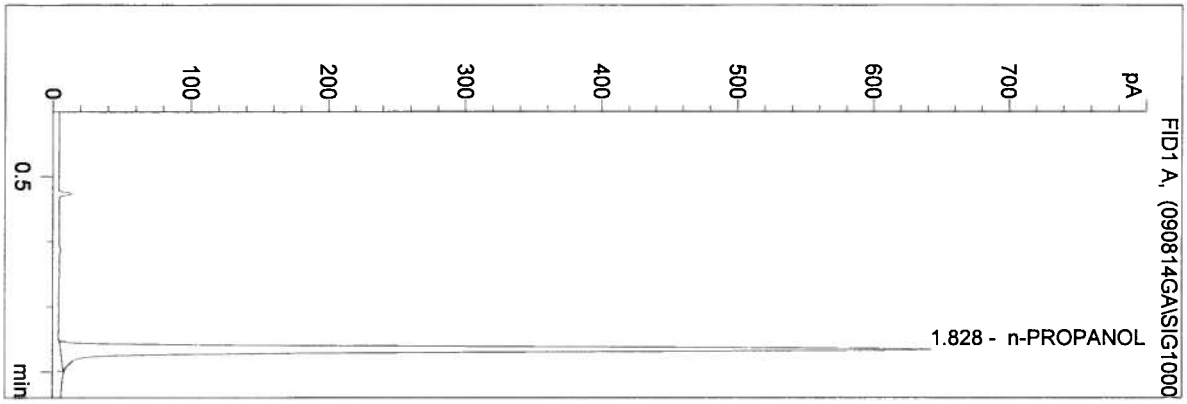
Dsa

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:06:55 AM
Instrument 3
db-alc2

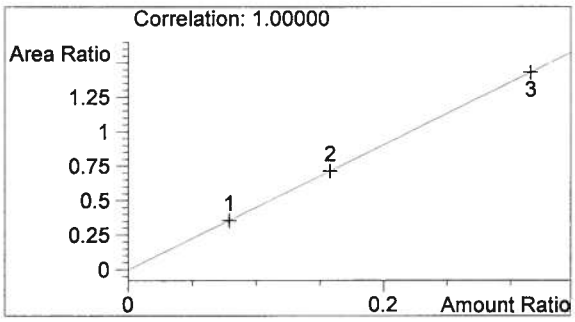
NEG CTRL- GA
Gwynyth Almendarez

vial # 9

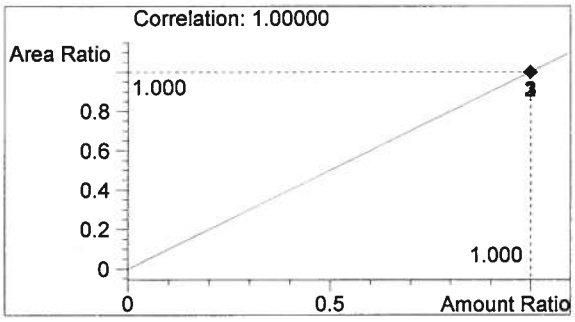


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1839	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09032

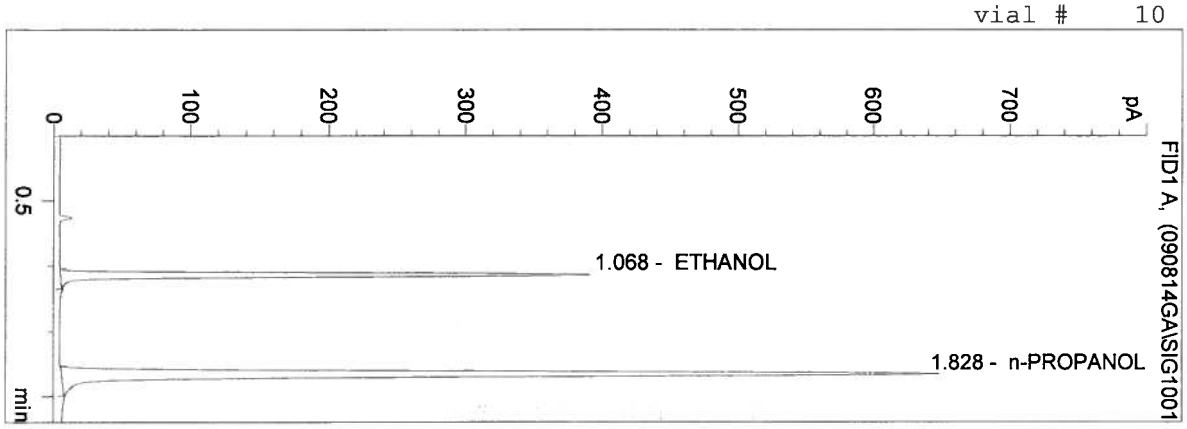
gse

WASHINGTON STATE TOXICOLOGY LABORATORY

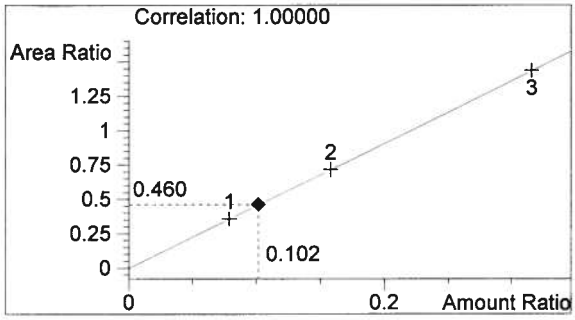
C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:10:03 AM
Instrument 3
db-alc2

09032 #1
Gwynyth Almendarez

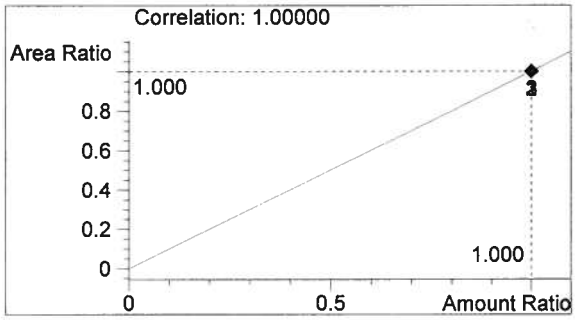
vial # 10



#	Compound	Area	RT
1	ETHANOL	854	1.068
2	n-PROPANOL	1855	1.828
Totals:			



ETHANOL 0.102 g/100ml



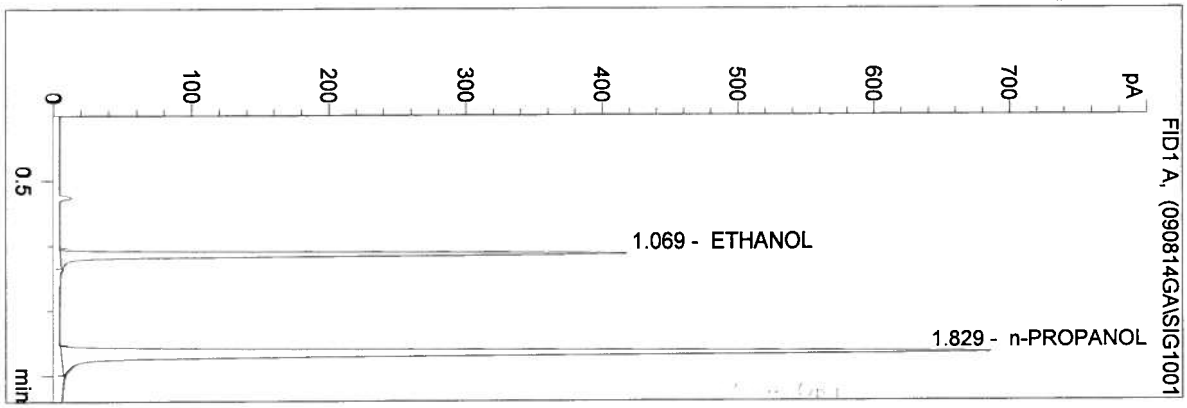
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:13:11 AM
Instrument 3
db-alc2

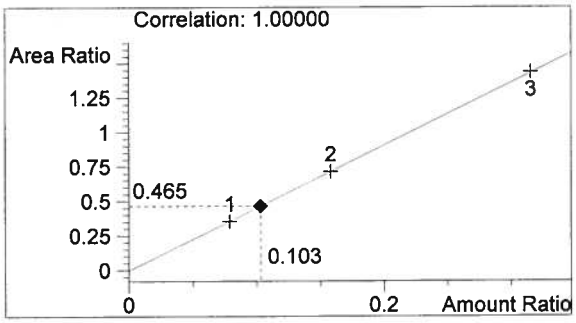
09032 #2
Gwynyth Almendarez

vial # 11

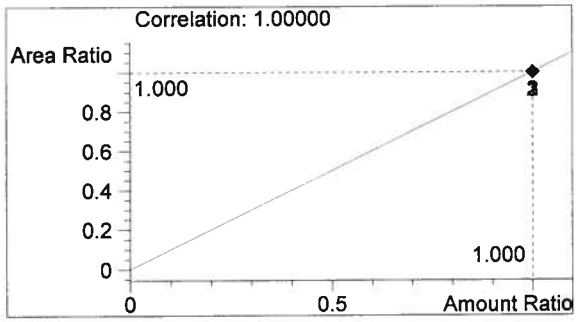


#	Compound	Area	RT
1	ETHANOL	910	1.069
2	n-PROPANOL	1957	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

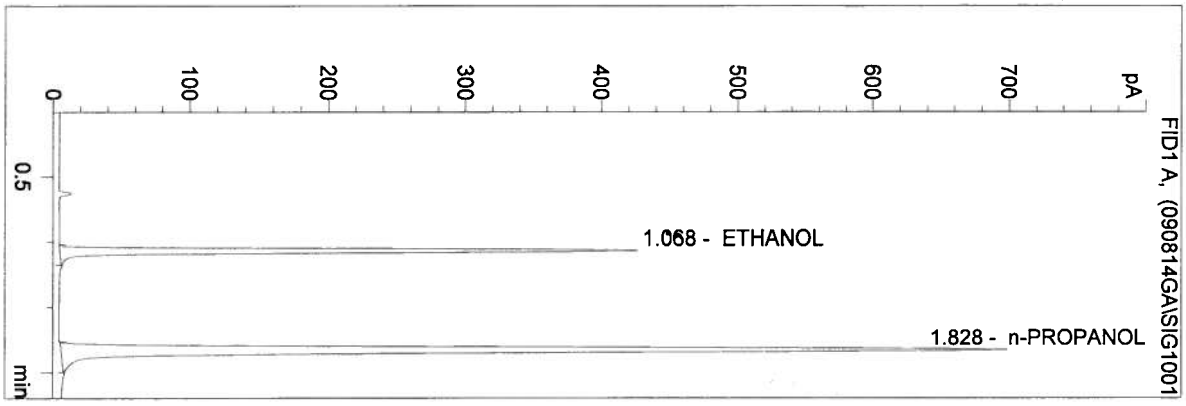
gsa

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:16:19 AM
Instrument 3
db-alc2

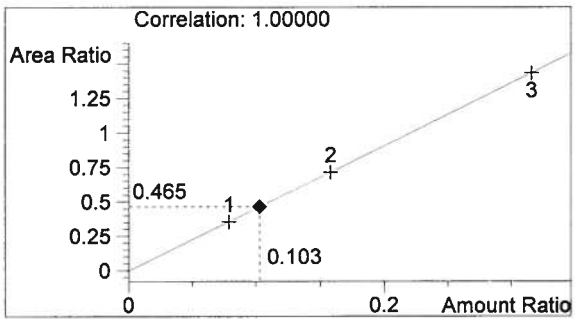
09032 #3
Gwynyth Almendarez

vial # 12

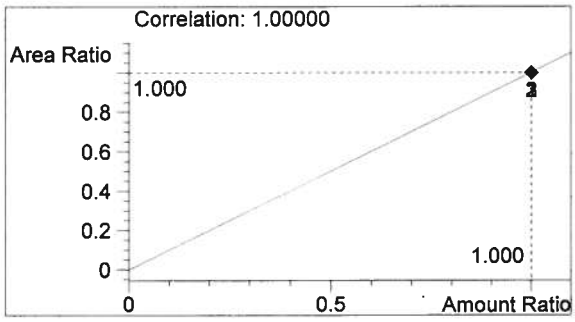


#	Compound	Area	RT
1	ETHANOL	929	1.068
2	n-PROPANOL	1996	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

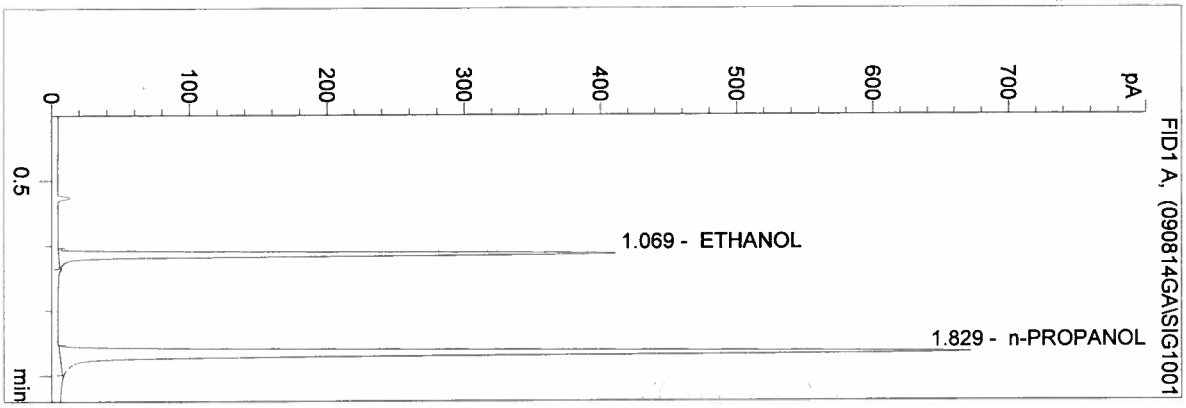
gse

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:19:26 AM
Instrument 3
db-alc2

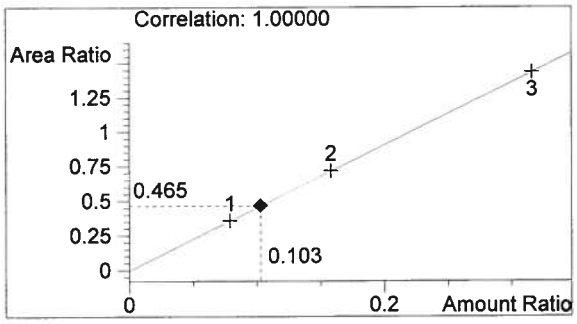
09032 #4
Gwynyth Almendarez

vial # 13

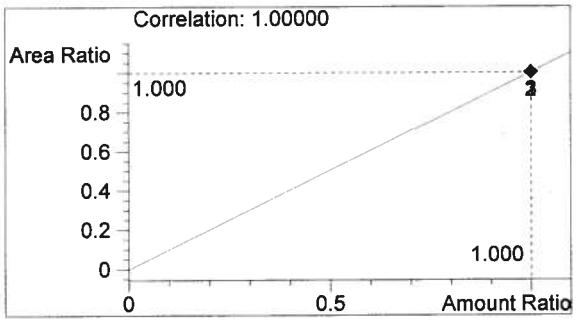


#	Compound	Area	RT
1	ETHANOL	894	1.069
2	n-PROPANOL	1922	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

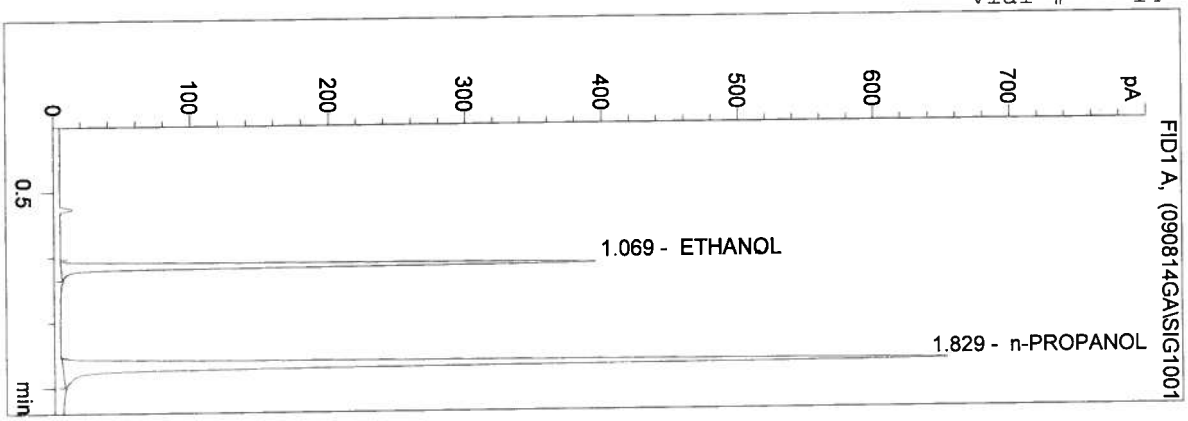
Da

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:22:34 AM
Instrument 3
db-alc2

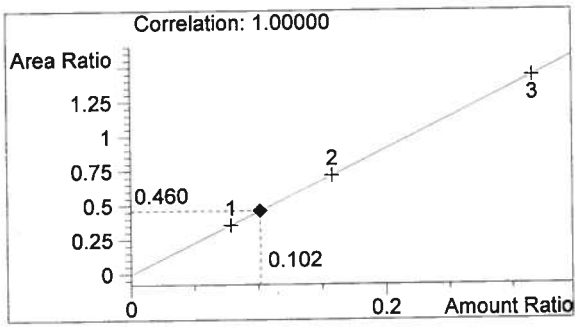
09032 #5
Gwynyth Almendarez

vial # 14

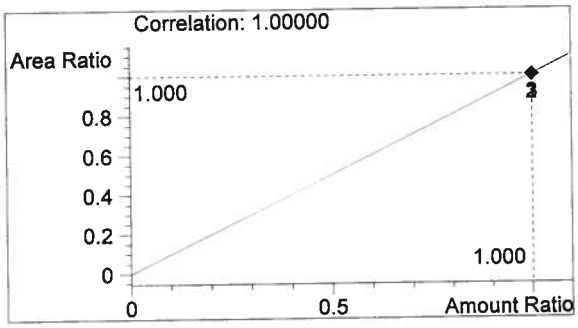


#	Compound	Area	RT
1	ETHANOL	859	1.069
2	n-PROPANOL	1867	1.829

Totals:



ETHANOL 0.102 g/100ml



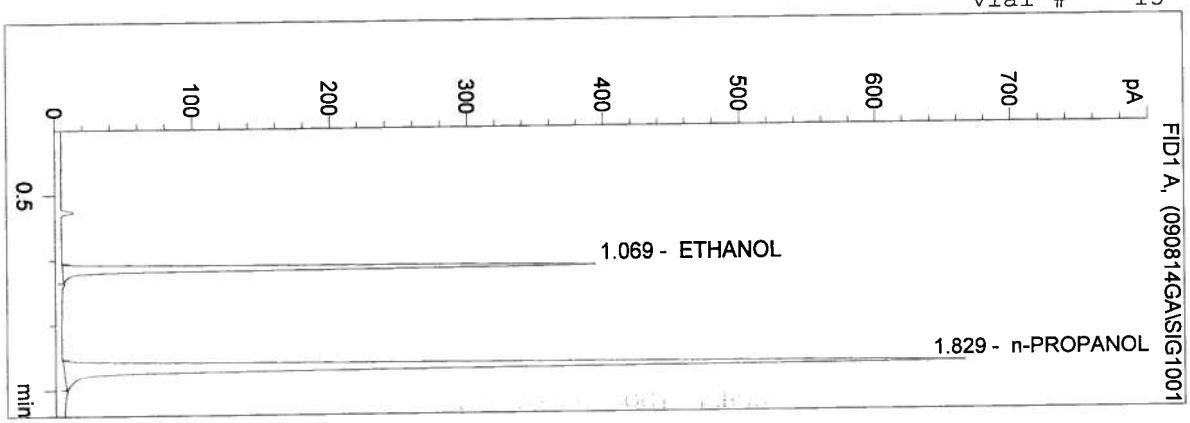
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:25:42 AM
Instrument 3
db-alc2

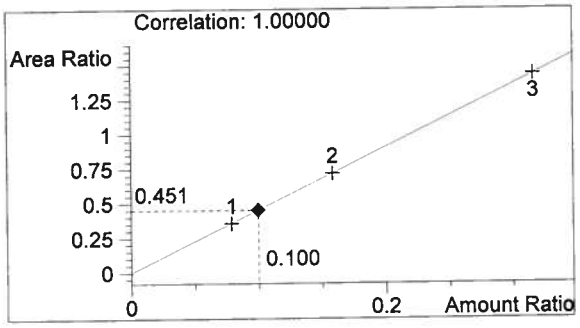
0.10 CTRL- GA
Gwynyth Almendarez

vial # 15

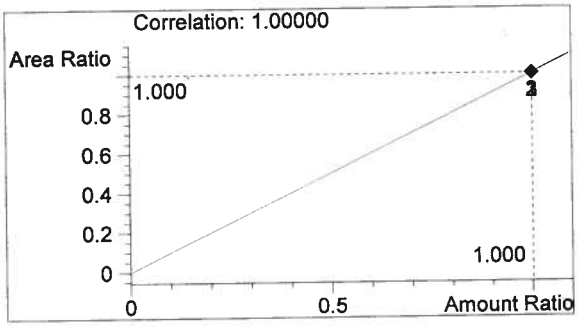


#	Compound	Area	RT
1	ETHANOL	857	1.069
2	n-PROPANOL	1900	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

09032

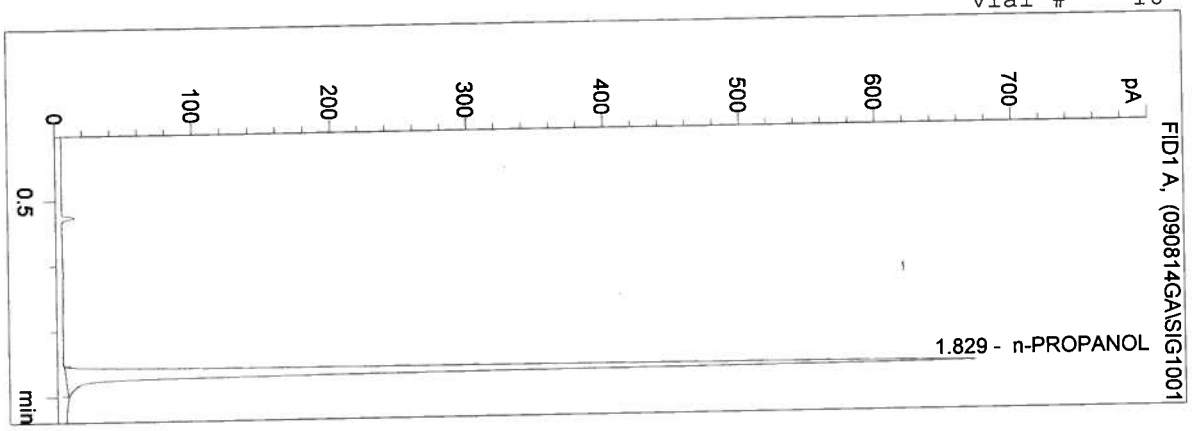
ysc

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/14/2009 11:28:50 AM
Instrument 3
db-alc2

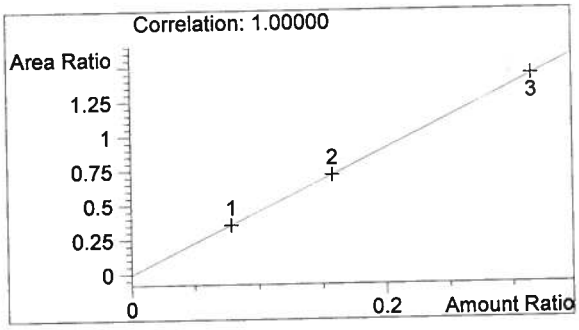
NEG CTRL- GA
Gwynyth Almendarez

vial # 16

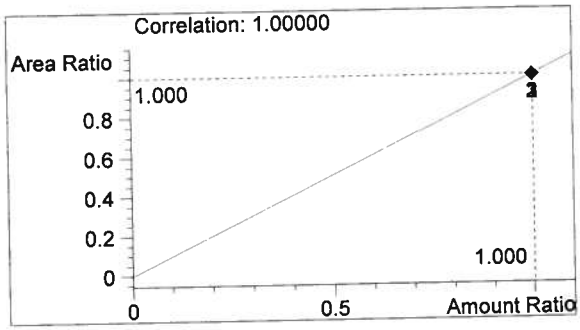


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1924	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

= 09032

ga

Sequence Parameters:

Operator:	Sarah Swenson
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:	090820SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-SS	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 CTRL-SS	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC	1	Ctrl Samp		
10	Vial 10	09032 #1	SIMALC	1	Sample		
11	Vial 11	09032 #2	SIMALC	1	Sample		
12	Vial 12	09032 #3	SIMALC	1	Sample		
13	Vial 13	09032 #4	SIMALC	1	Sample		
14	Vial 14	09032 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-SS	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-SS	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	

09032

SMS

Sequence Table (Back Injector):

No entries - empty table!

SMS

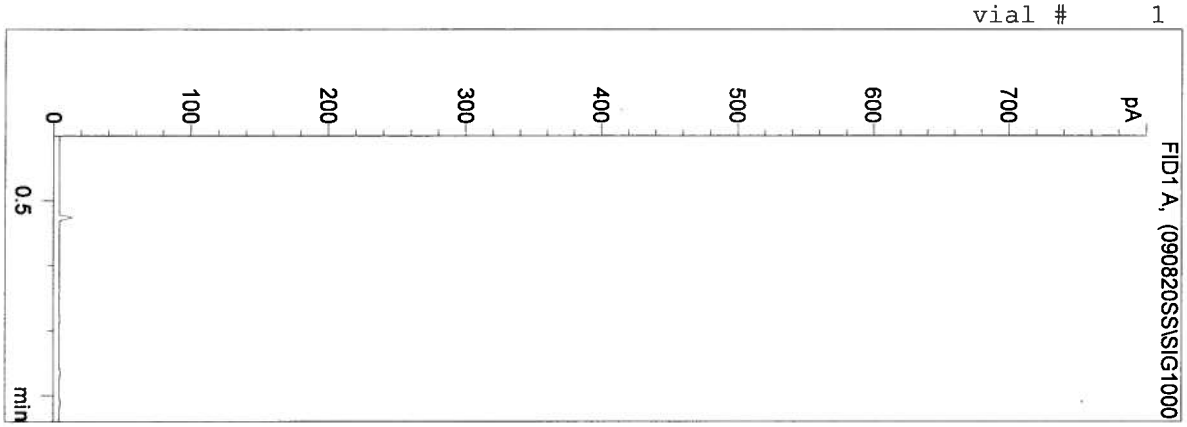
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:12:18 AM
Instrument 3
db-alc2

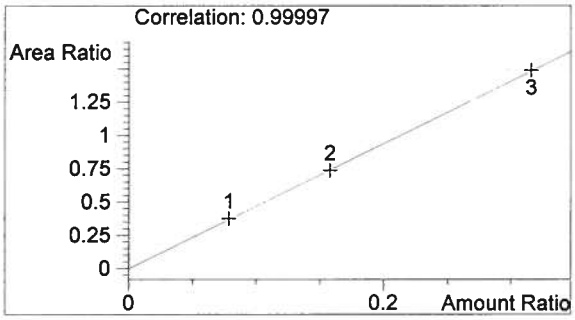
BLANK-SS
Sarah Swenson

vial # 1

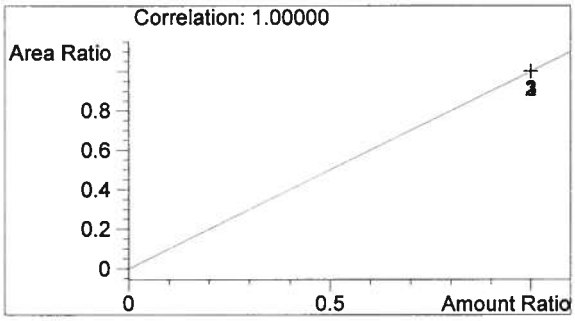


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

SMS

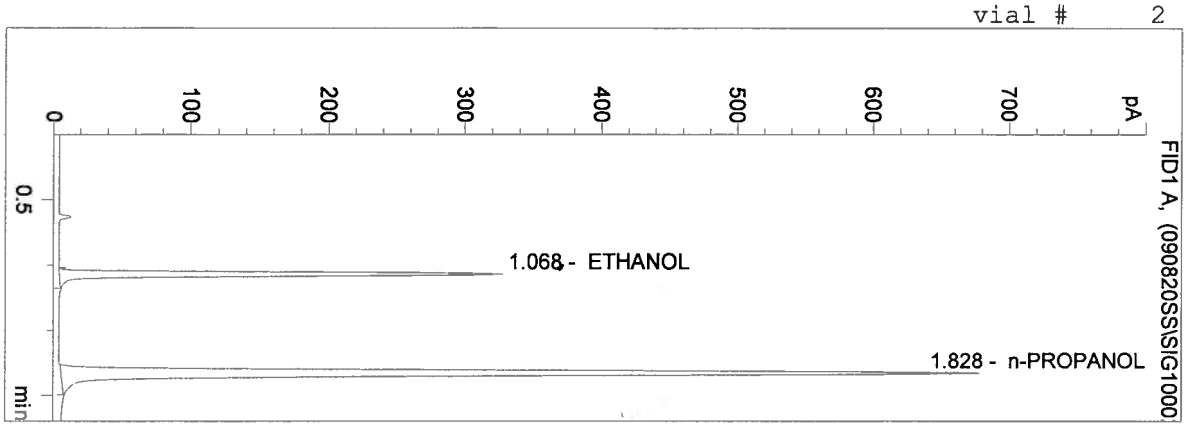
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:15:26 AM
Instrument 3
db-alc2

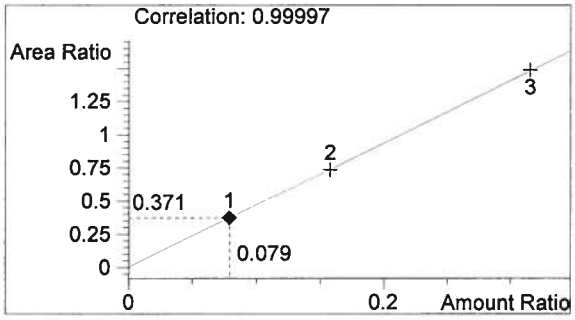
0.079 CAL 1
Sarah Swenson

vial # 2

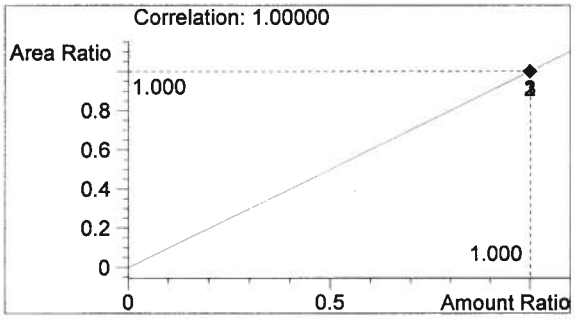


#	Compound	Area	RT
1	ETHANOL	718	1.068
2	n-PROPANOL	1936	1.828

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

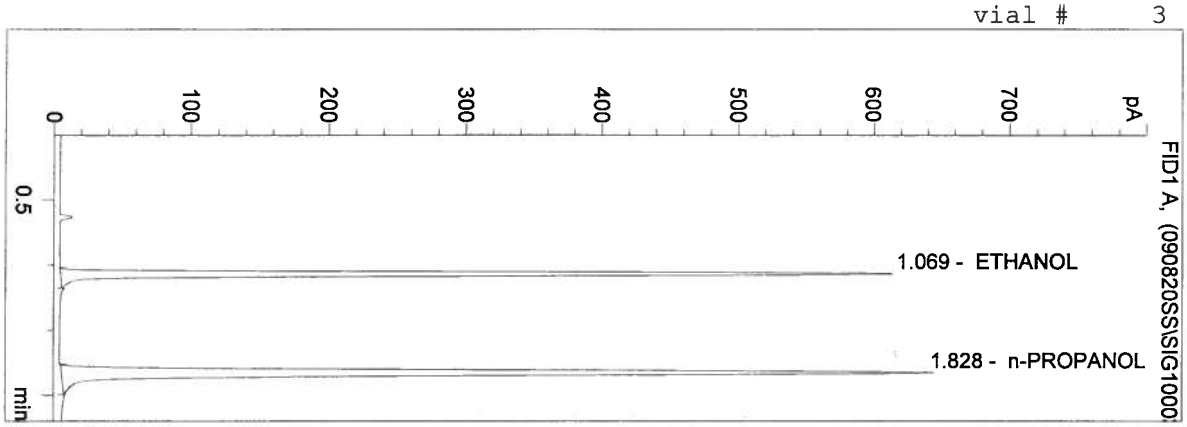
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:18:34 AM
Instrument 3
db-alc2

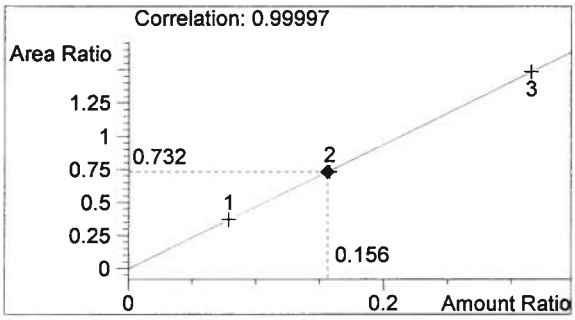
0.158 CAL 2
Sarah Swenson

vial # 3

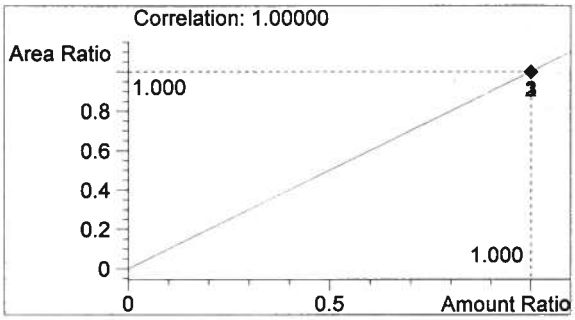


#	Compound	Area	RT
1	ETHANOL	1347	1.069
2	n-PROPANOL	1840	1.828

Totals:



ETHANOL 0.156 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

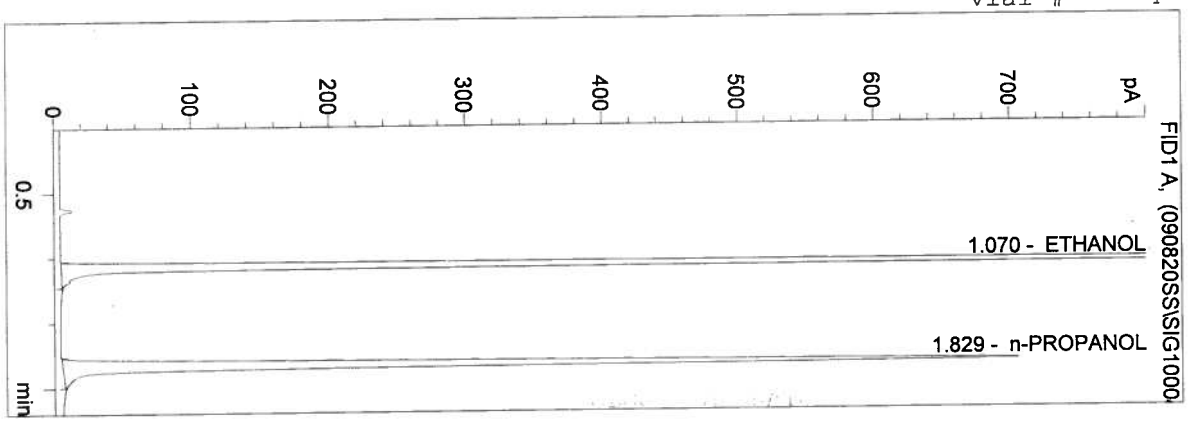
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:21:42 AM
Instrument 3
db-alc2

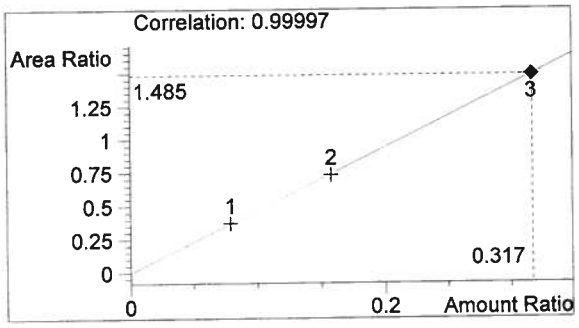
0.316 CAL 3
Sarah Swenson

vial # 4

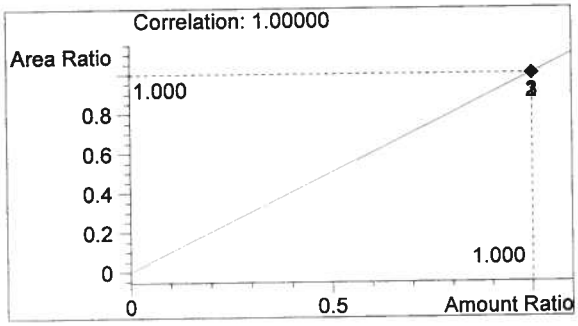


#	Compound	Area	RT
1	ETHANOL	2993	1.070
2	n-PROPANOL	2016	1.829

Totals:



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

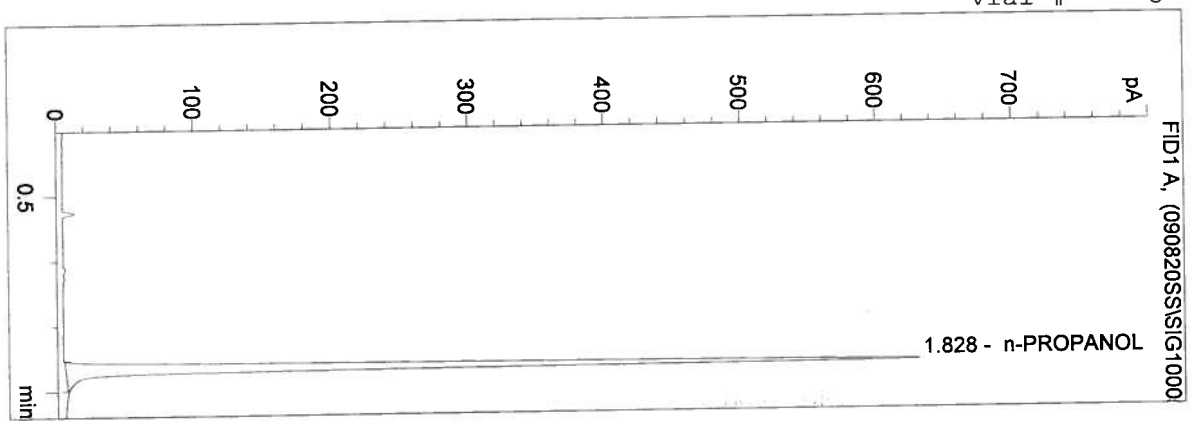
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:24:50 AM
Instrument 3
db-alc2

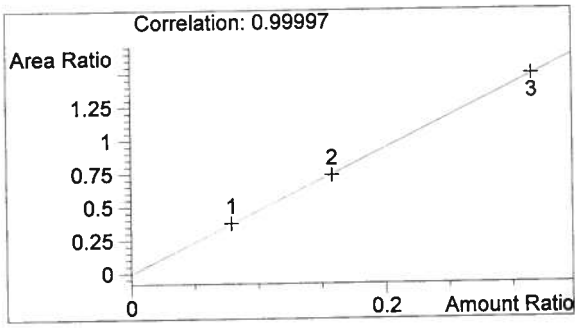
NEG CTRL-SS
Sarah Swenson

vial # 5

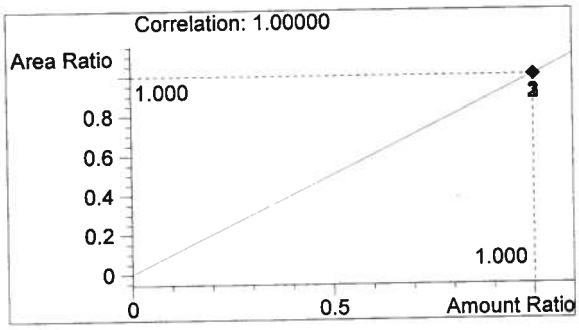


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1806	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

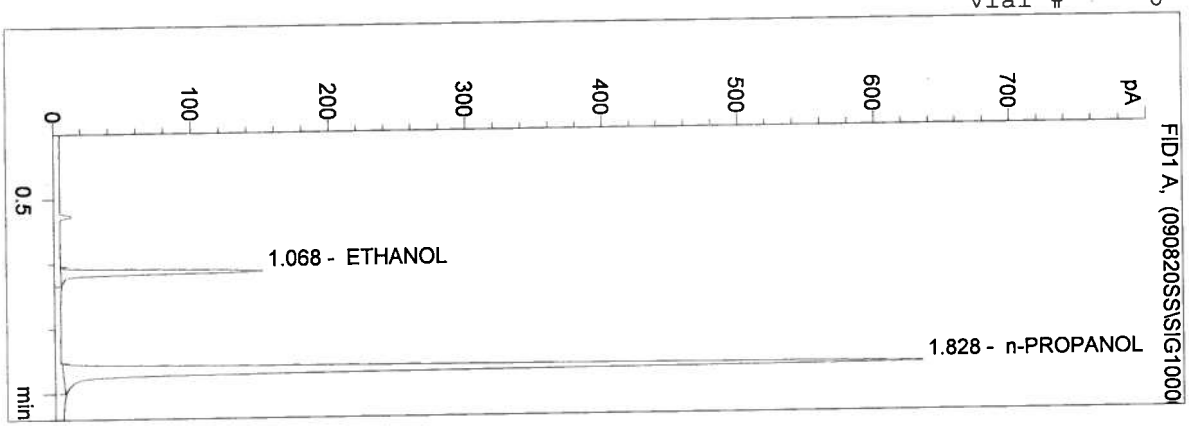
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

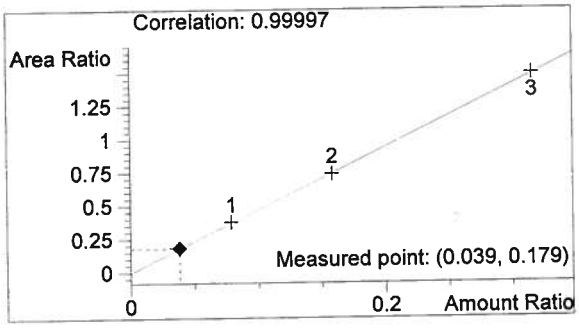
C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:27:57 AM
Instrument 3
db-alc2

0.04 CTRL-SS
Sarah Swenson

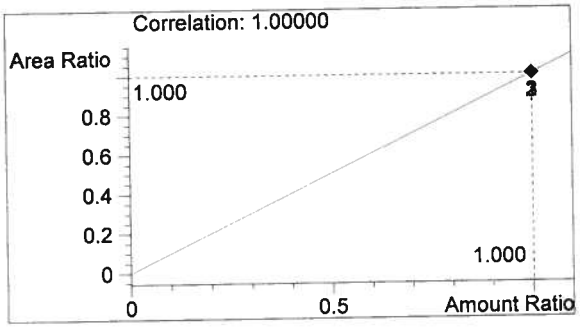
vial # 6



#	Compound	Area	RT
1	ETHANOL	327	1.068
2	n-PROPANOL	1826	1.828
Totals:			



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

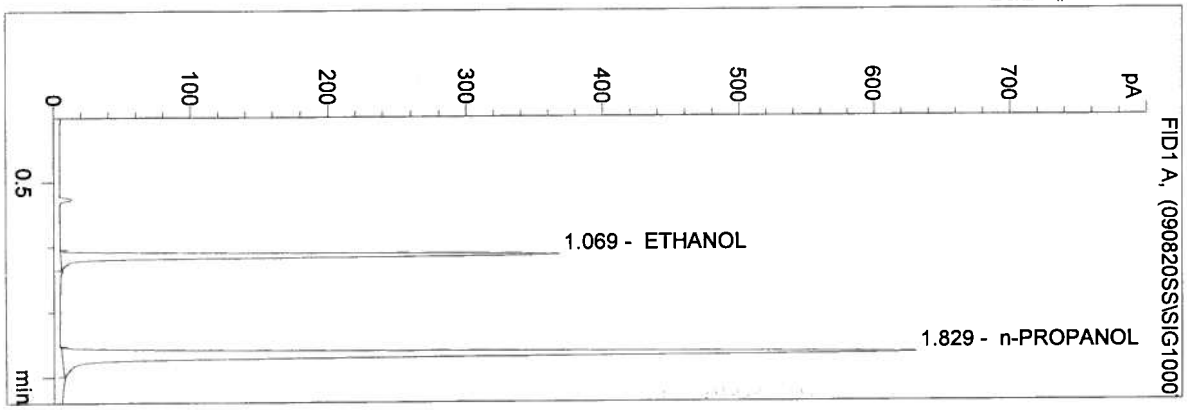
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:31:05 AM
Instrument 3
db-alc2

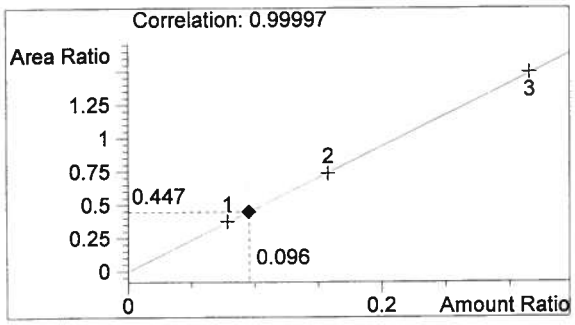
0.10 CTRL-SS
Sarah Swenson

vial # 7

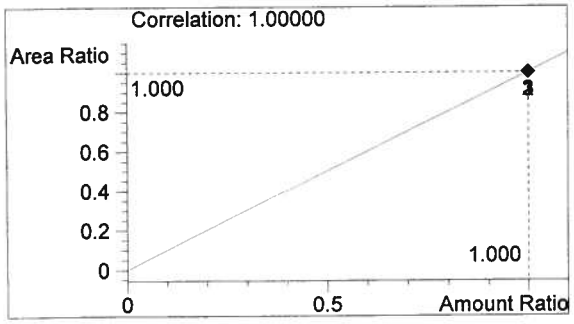


#	Compound	Area	RT
1	ETHANOL	807	1.069
2	n-PROPANOL	1805	1.829

Totals:



ETHANOL 0.096 g/100ml



n-PROPANOL 1.000 g/100ml

SHS

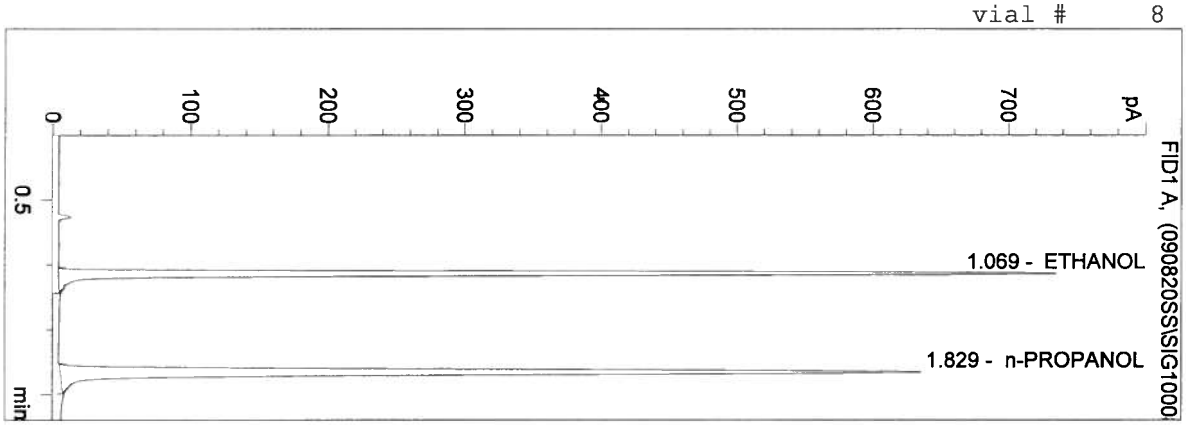
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:34:13 AM
Instrument 3
db-alc2

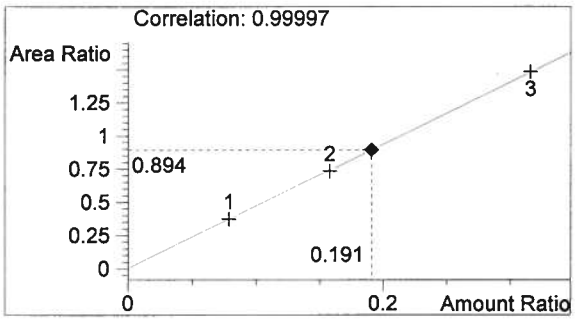
0.20 CTRL-SS
Sarah Swenson

vial # 8

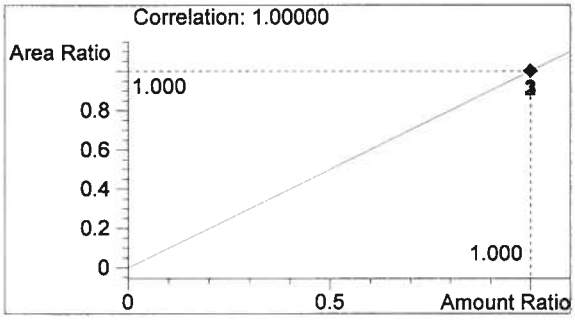


#	Compound	Area	RT
1	ETHANOL	1626	1.069
2	n-PROPANOL	1820	1.829

Totals:



ETHANOL 0.191 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

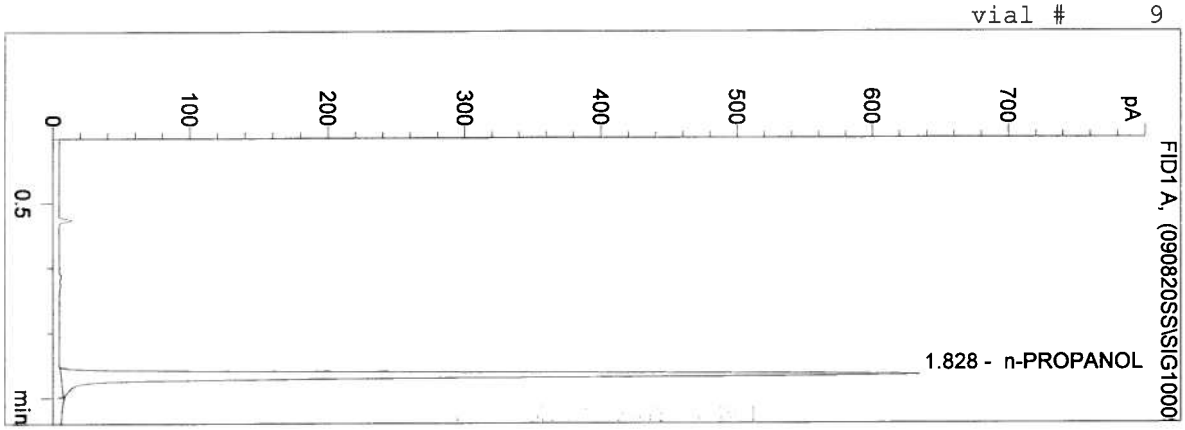
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:37:21 AM
Instrument 3
db-alc2

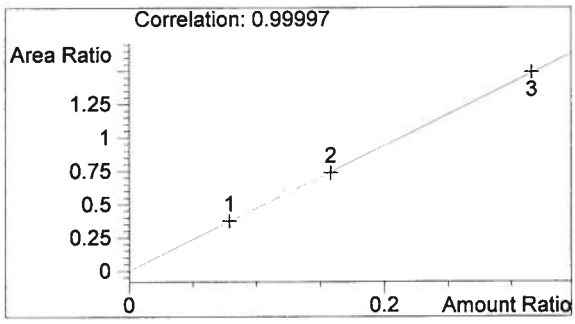
NEG CTRL-SS
Sarah Swenson

vial # 9

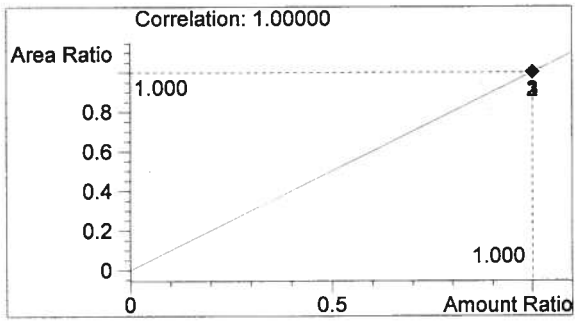


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1814	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

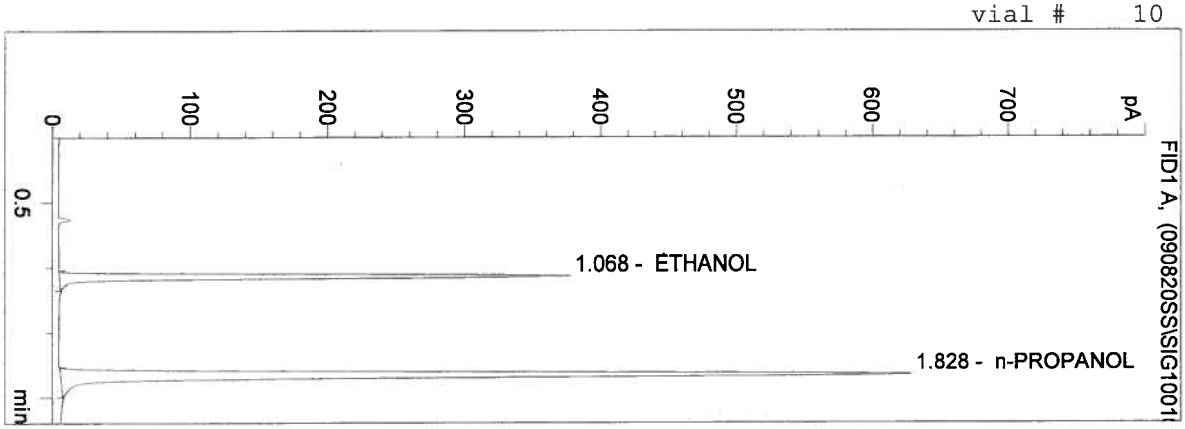
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:40:29 AM
Instrument 3
db-alc2

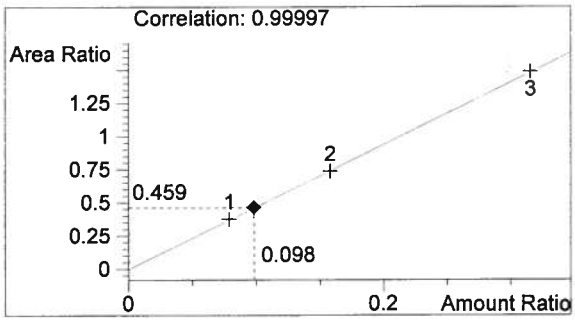
09032 #1
Sarah Swenson

vial # 10

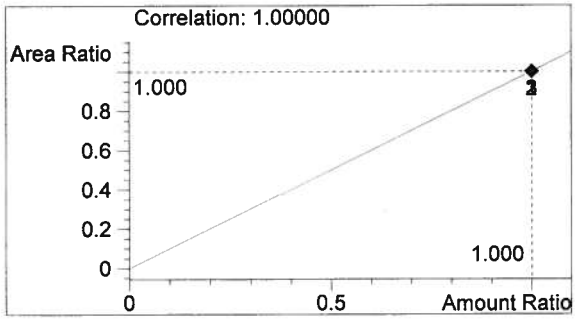


#	Compound	Area	RT
1	ETHANOL	826	1.068
2	n-PROPANOL	1799	1.828

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

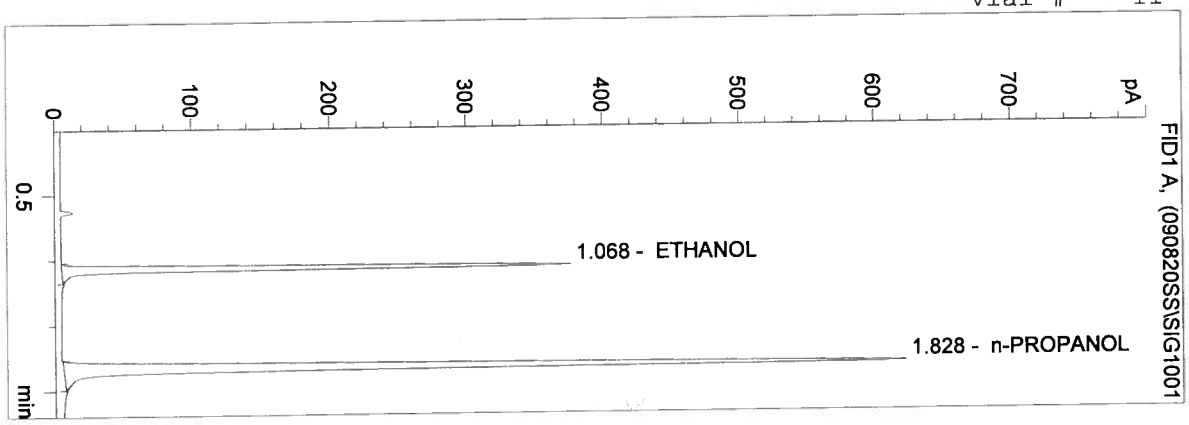
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:43:36 AM
Instrument 3
db-alc2

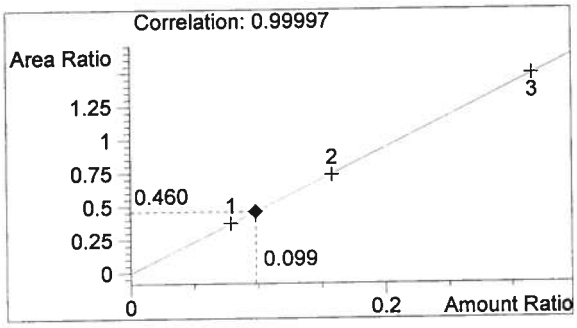
09032 #2
Sarah Swenson

vial # 11

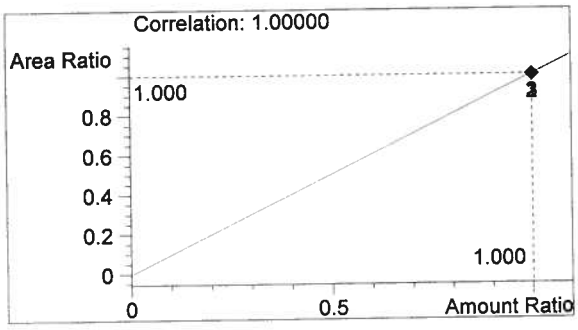


#	Compound	Area	RT
1	ETHANOL	820	1.068
2	n-PROPANOL	1780	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

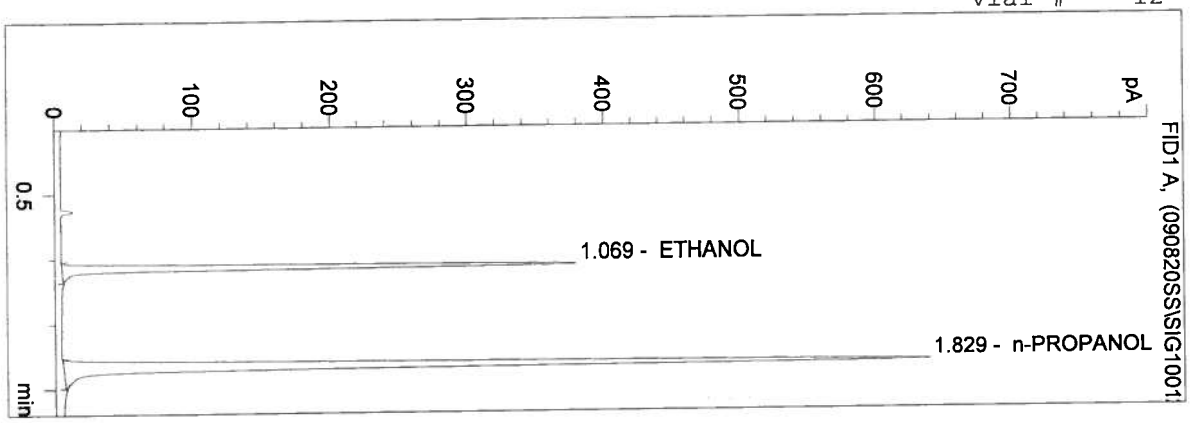
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:46:44 AM
Instrument 3
db-alc2

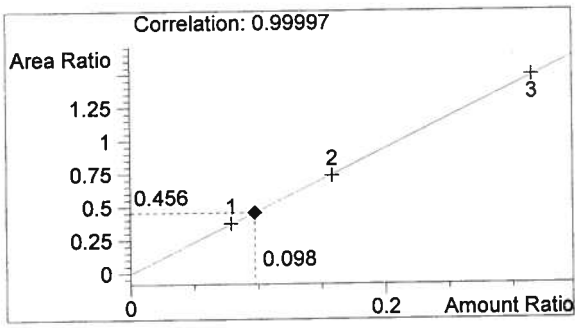
09032 #3
Sarah Swenson

vial # 12

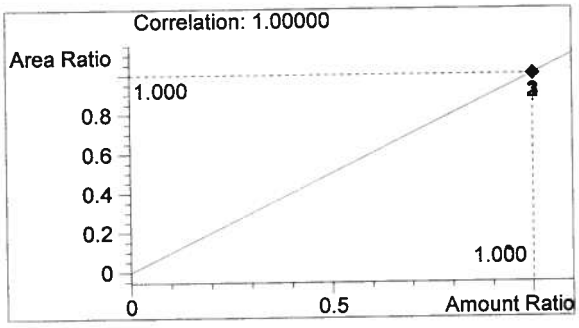


#	Compound	Area	RT
1	ETHANOL	836	1.069
2	n-PROPANOL	1835	1.829

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

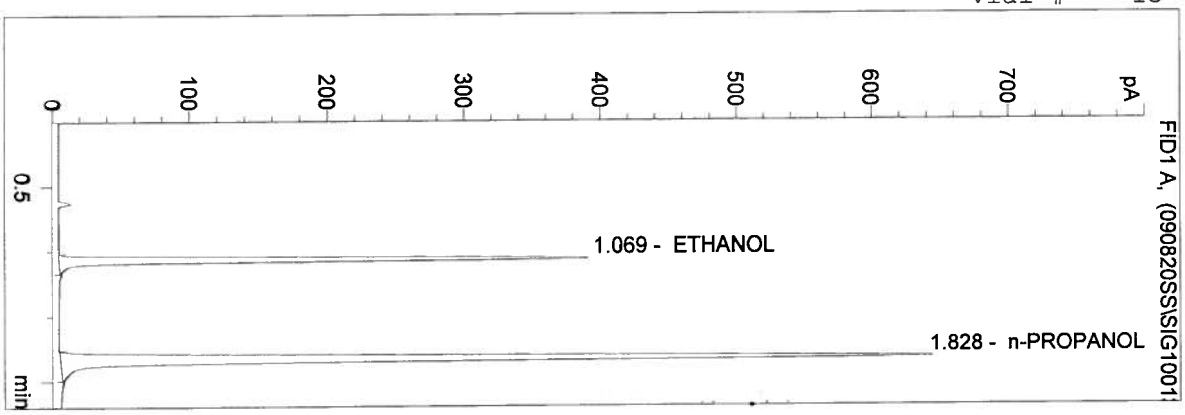
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:49:52 AM
Instrument 3
db-alc2

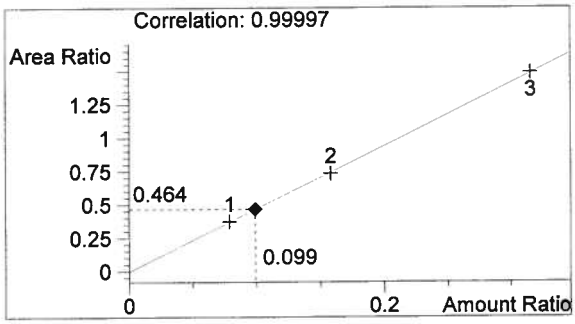
09032 #4
Sarah Swenson

vial # 13

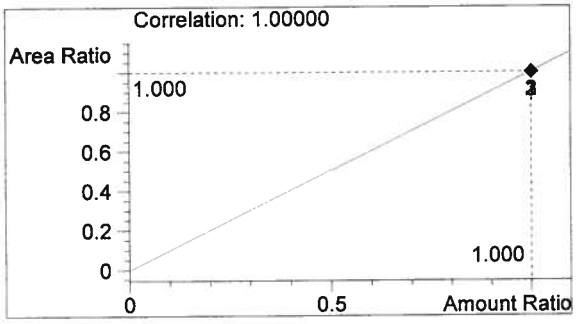


#	Compound	Area	RT
1	ETHANOL	853	1.069
2	n-PROPANOL	1837	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

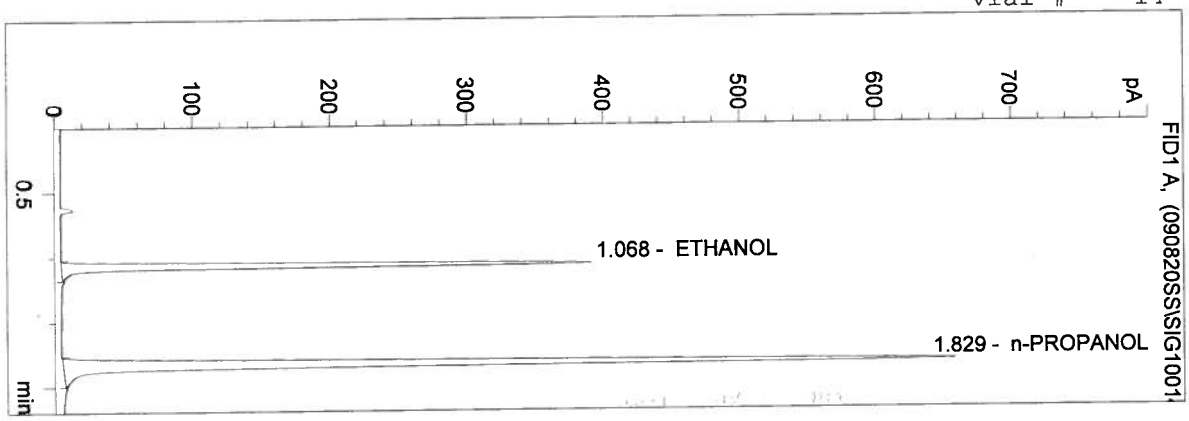
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:53:00 AM
Instrument 3
db-alc2

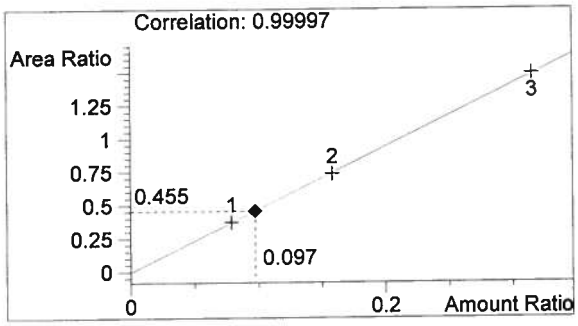
09032 #5
Sarah Swenson

vial # 14

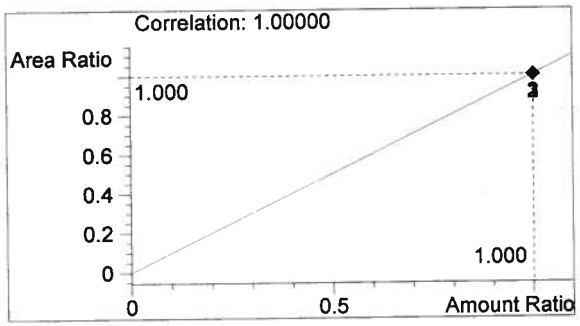


#	Compound	Area	RT
1	ETHANOL	858	1.068
2	n-PROPANOL	1884	1.829

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

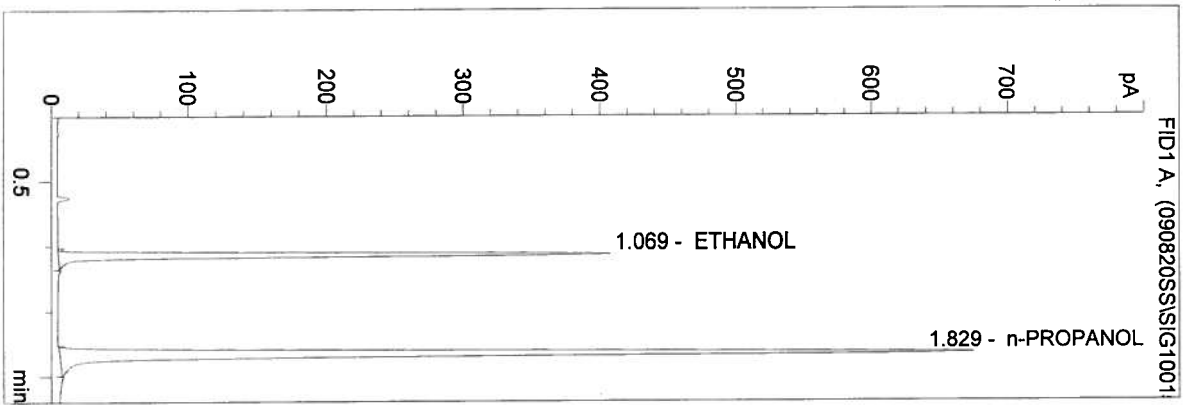
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:56:07 AM
Instrument 3
db-alc2

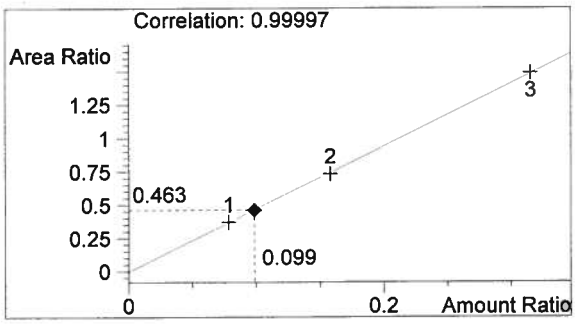
0.10 CTRL-SS
Sarah Swenson

vial # 15

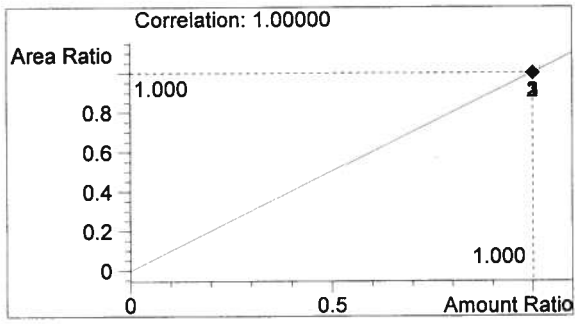


#	Compound	Area	RT
1	ETHANOL	891	1.069
2	n-PROPANOL	1925	1.829

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

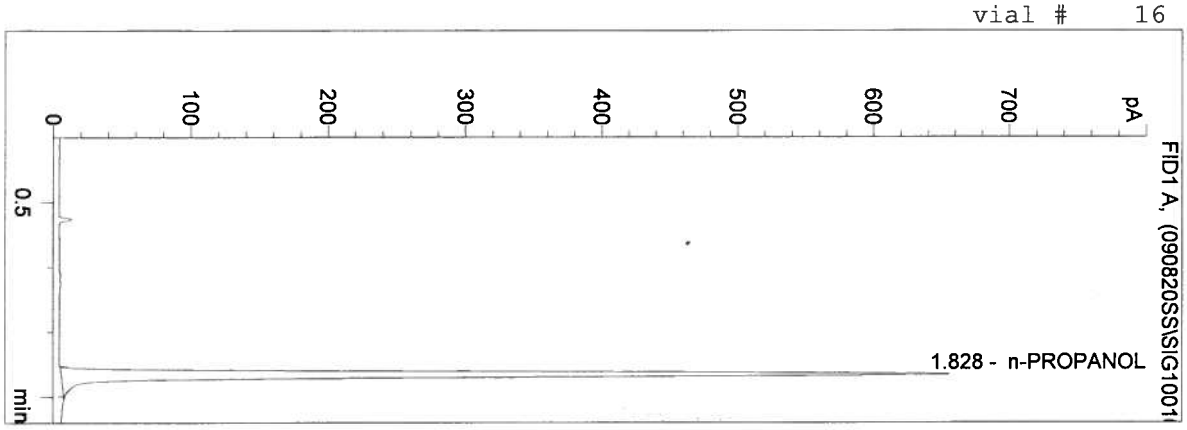
09032

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 10:59:15 AM
Instrument 3
db-alc2

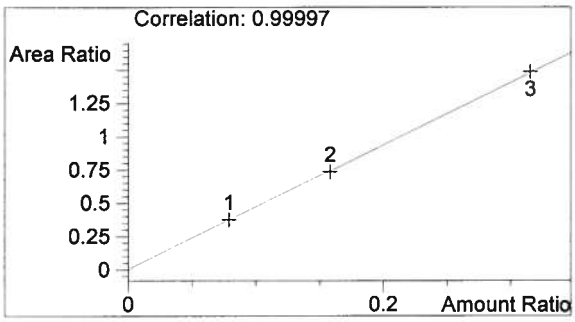
NEG CTRL-SS
Sarah Swenson

vial # 16

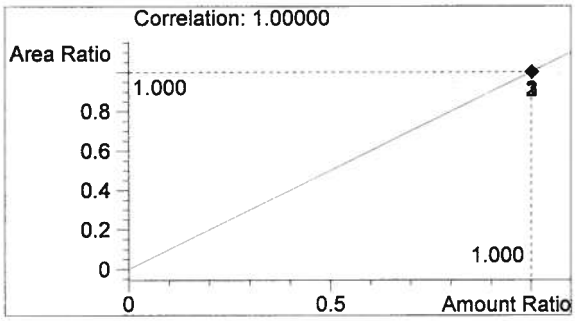


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1868	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

09032

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:	090820BA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

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	09032 #1	SIMALC	1	Sample		
11	Vial 11	09032 #2	SIMALC	1	Sample		
12	Vial 12	09032 #3	SIMALC	1	Sample		
13	Vial 13	09032 #4	SIMALC	1	Sample		
14	Vial 14	09032 #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		

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	

09032

Sequence Table (Back Injector):

No entries - empty table!

BEA

09032

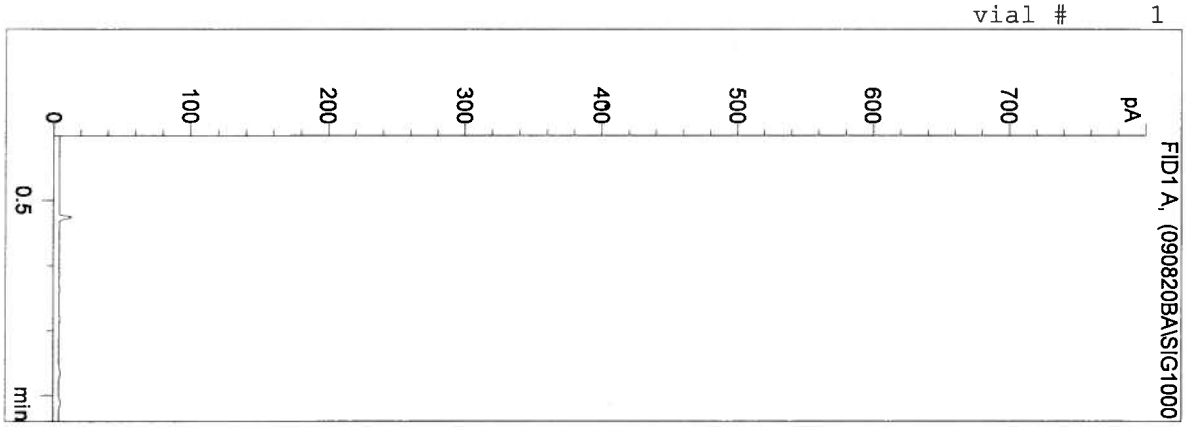
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:33:52 AM
Instrument 3
db-alc2

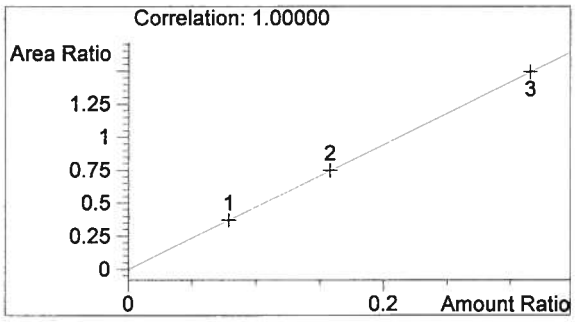
BLANK
Brianne E. Akins

vial # 1

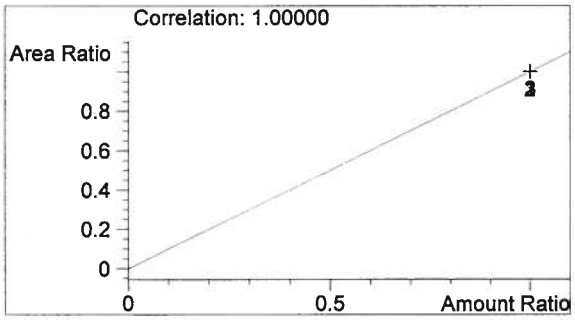


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09032

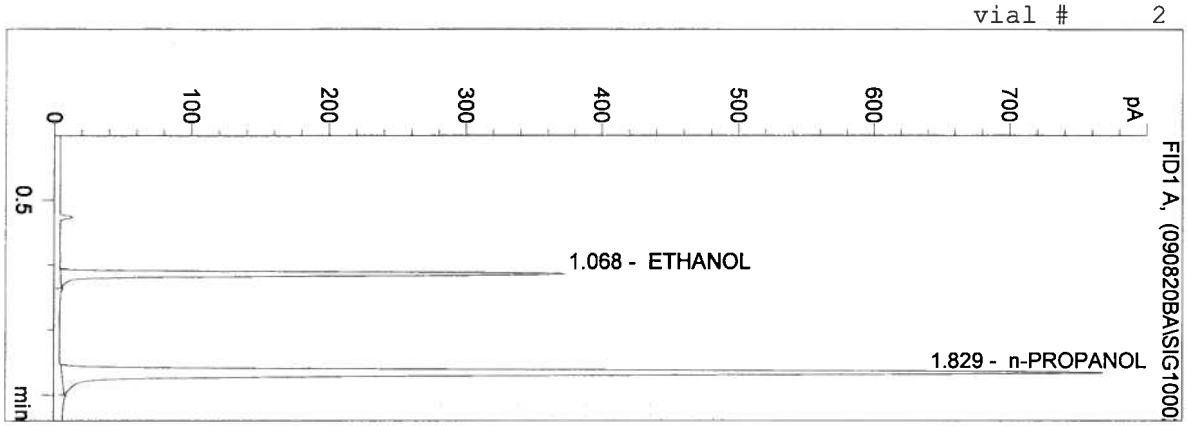
Bua

WASHINGTON STATE TOXICOLOGY LABORATORY

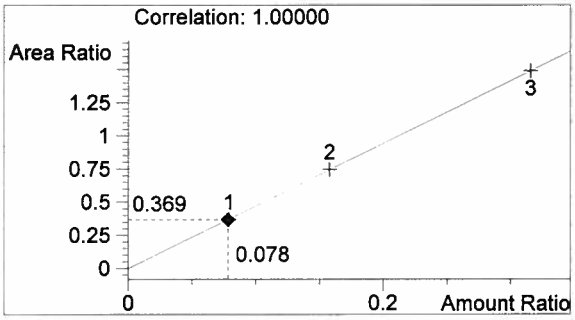
C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:36:59 AM
Instrument 3
db-alc2

0.079 CAL 1
Brianne E. Akins

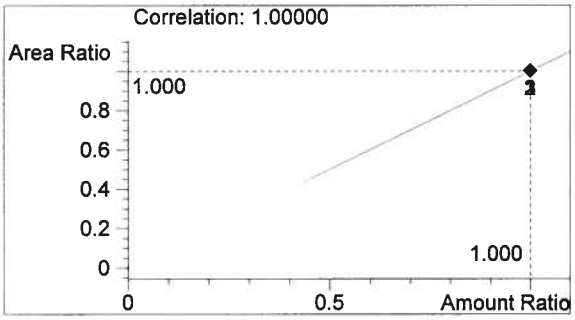
vial # 2



#	Compound	Area	RT
1	ETHANOL	807	1.068
2	n-PROPANOL	2187	1.829
Totals:			



ETHANOL 0.078 g/100ml



n-PROPANOL 1.000 g/100ml

09032

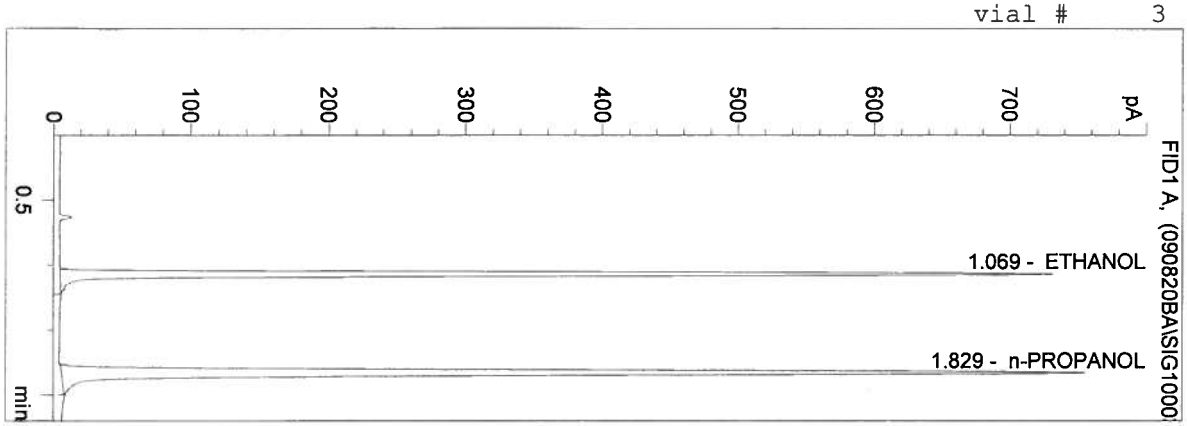
Bua

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:40:07 AM
Instrument 3
db-alc2

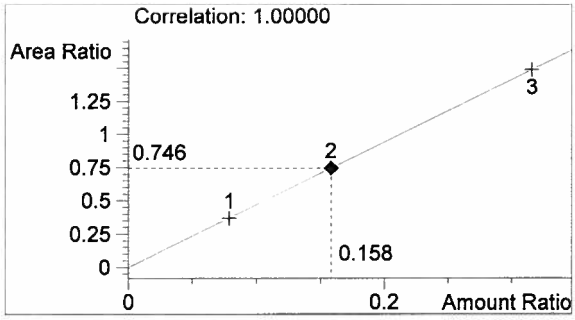
0.158 CAL 2
Brianne E. Akins

vial # 3

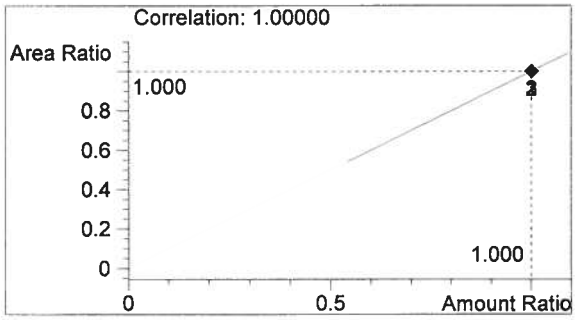


#	Compound	Area	RT
1	ETHANOL	1605	1.069
2	n-PROPANOL	2151	1.829

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

09032

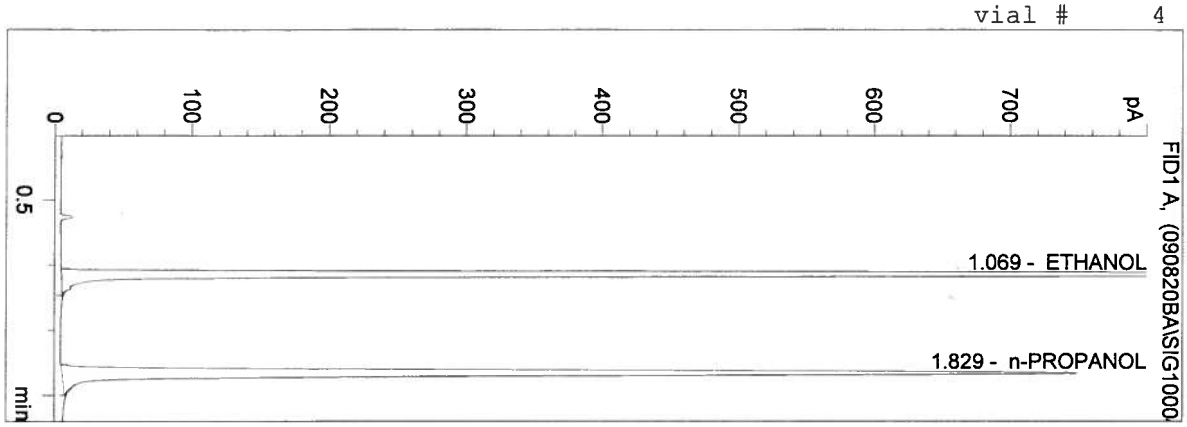
Bla

WASHINGTON STATE TOXICOLOGY LABORATORY

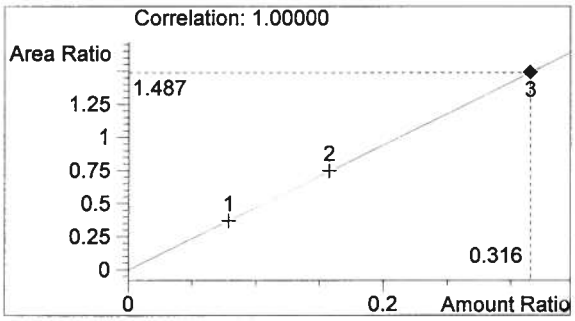
C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:43:15 AM
Instrument 3
db-alc2

0.316 CAL 3
Brianne E. Akins

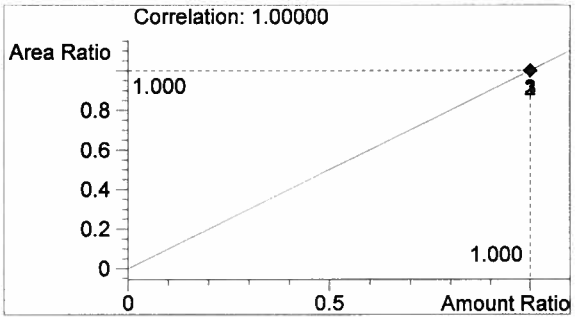
vial # 4



#	Compound	Area	RT
1	ETHANOL	3173	1.069
2	n-PROPANOL	2133	1.829
Totals:			



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

09032

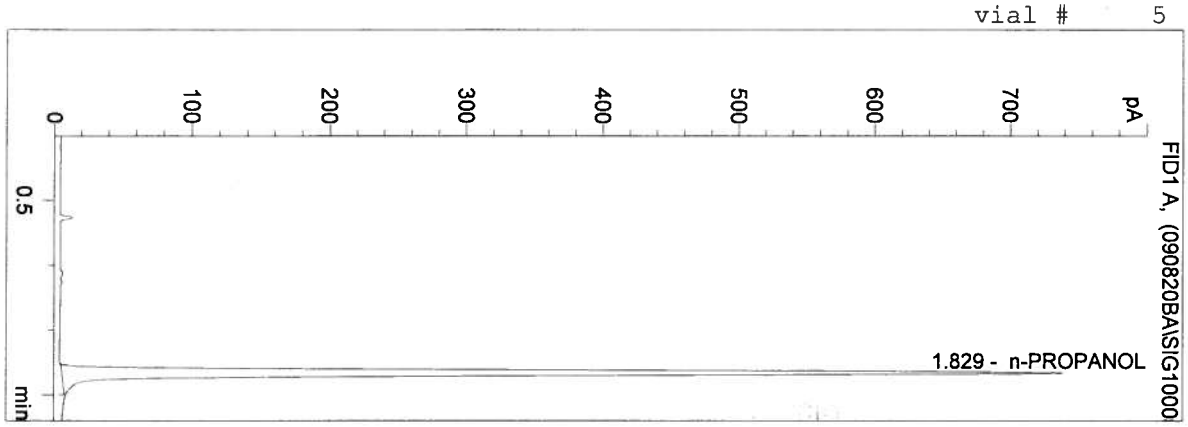
BCA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:46:23 AM
Instrument 3
db-alc2

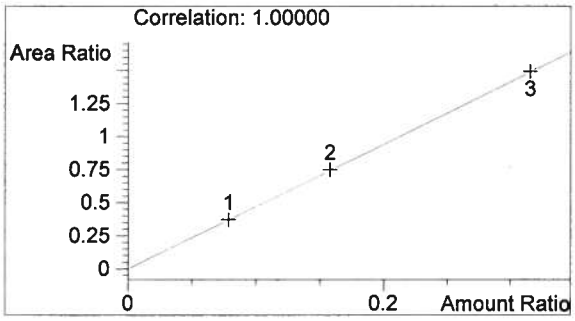
NEG CONTROL-BA
Brianne E. Akins

vial # 5

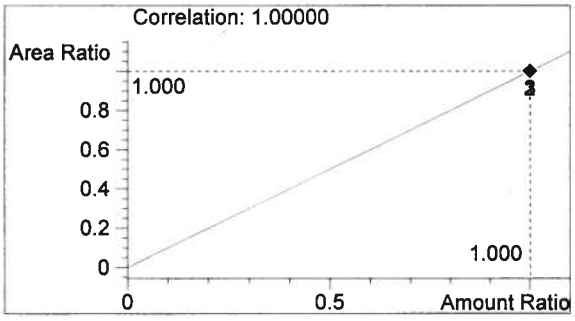


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2108	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09032

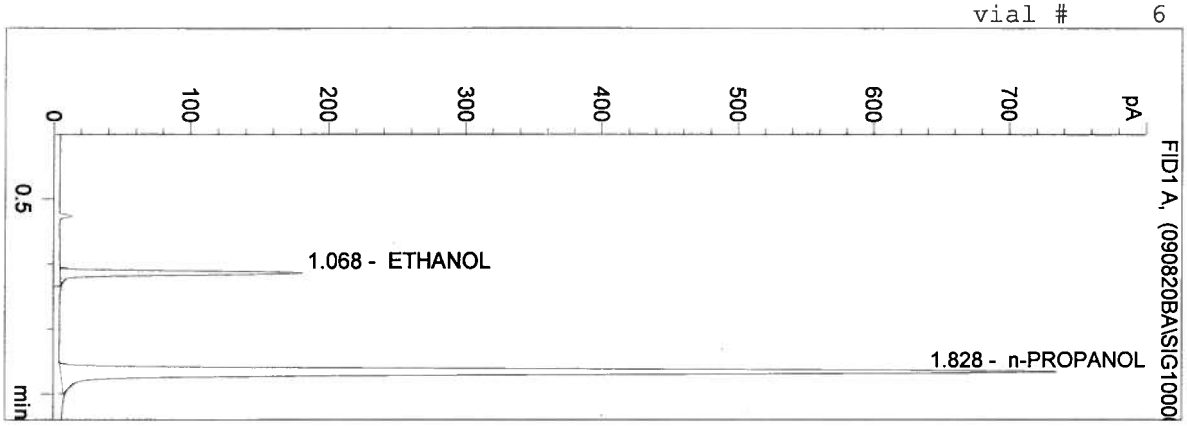
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:49:31 AM
Instrument 3
db-alc2

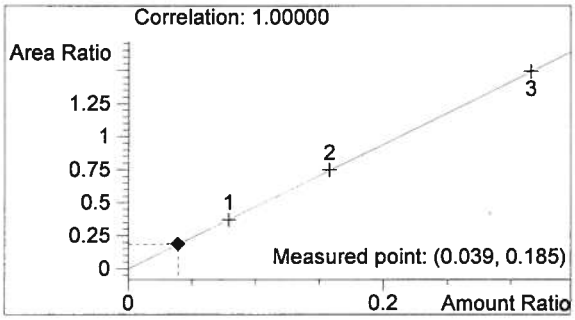
0.04 CONTROL-BA
Brianne E. Akins

vial # 6

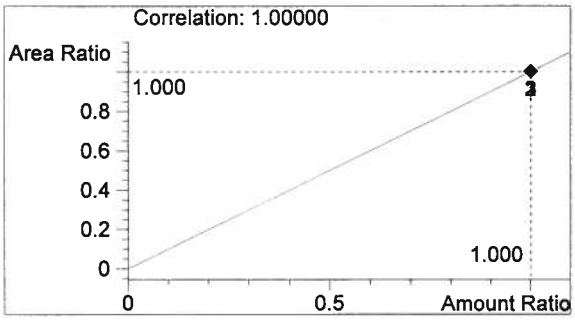


#	Compound	Area	RT
1	ETHANOL	388	1.068
2	n-PROPANOL	2093	1.828

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

09032

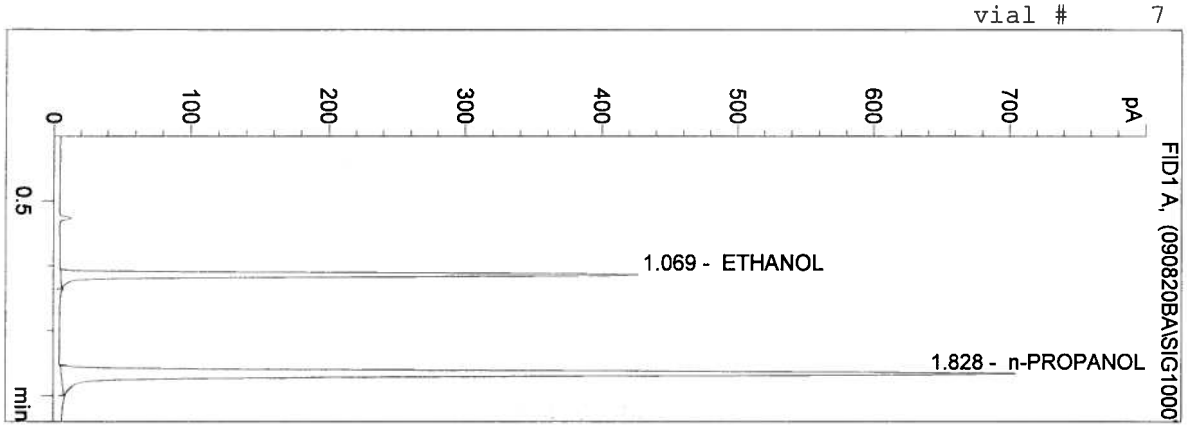
BLA

WASHINGTON STATE TOXICOLOGY LABORATORY

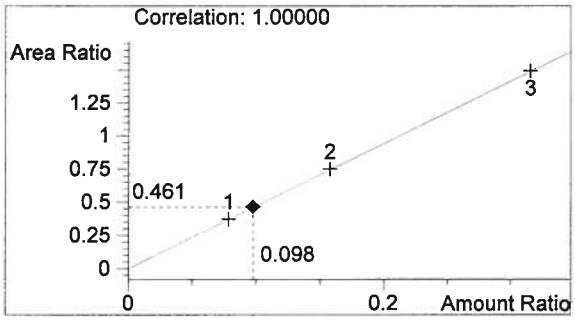
C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:52:39 AM
Instrument 3
db-alc2

0.10 CONTROL-BA
Brianne E. Akins

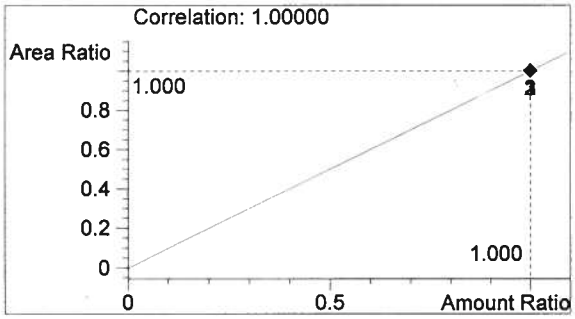
vial # 7



#	Compound	Area	RT
1	ETHANOL	927	1.069
2	n-PROPANOL	2010	1.828
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

09032

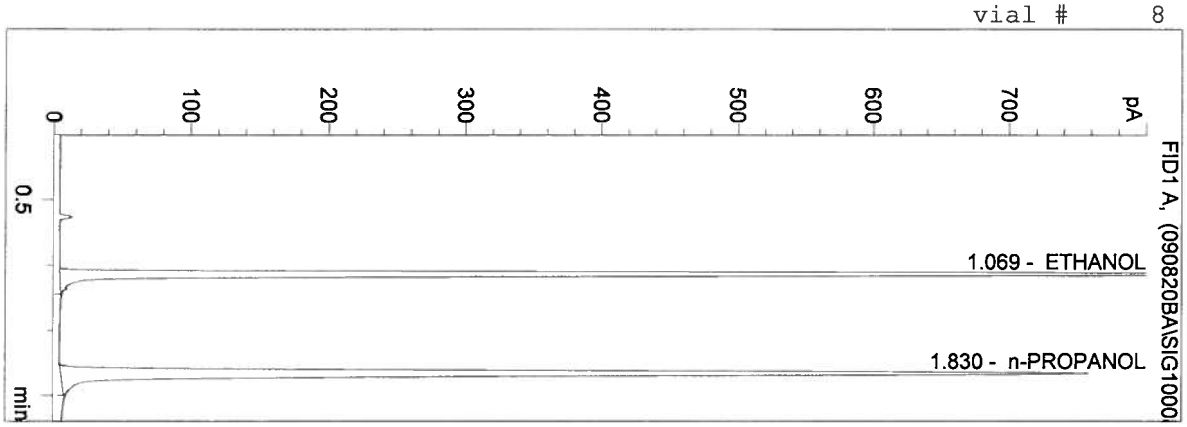
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:55:46 AM
Instrument 3
db-alc2

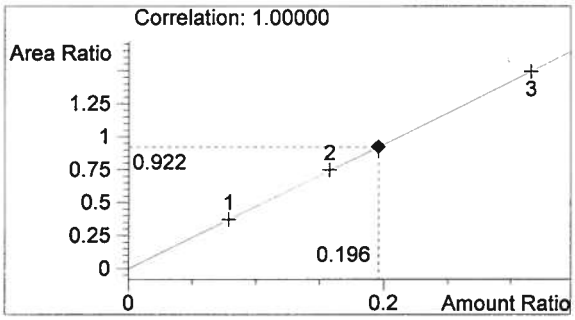
0.20 CONTROL-BA
Brianne E. Akins

vial # 8

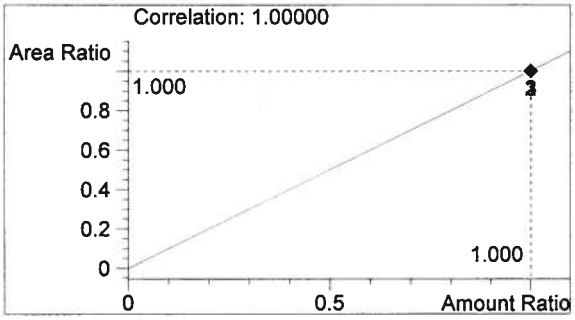


#	Compound	Area	RT
1	ETHANOL	1991	1.069
2	n-PROPANOL	2159	1.830

Totals:



ETHANOL 0.196 g/100ml



n-PROPANOL 1.000 g/100ml

09032

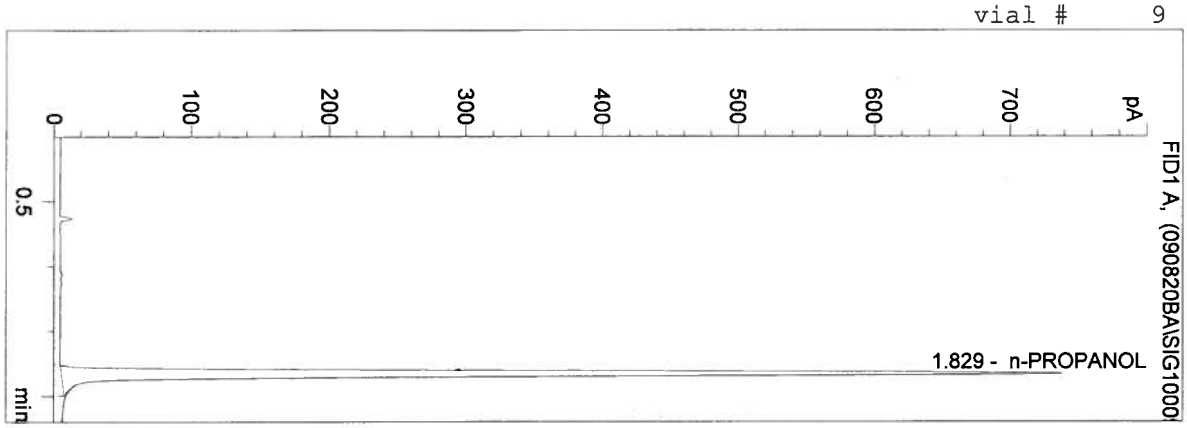
BCA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 11:58:54 AM
Instrument 3
db-alc2

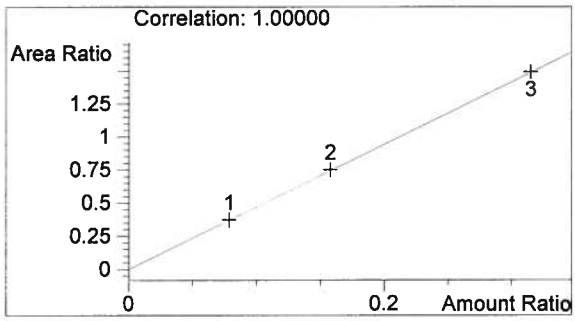
NEG CONTROL-BA
Brianne E. Akins

vial # 9

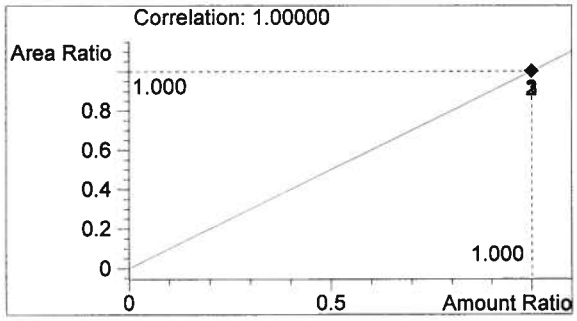


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2106	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09032

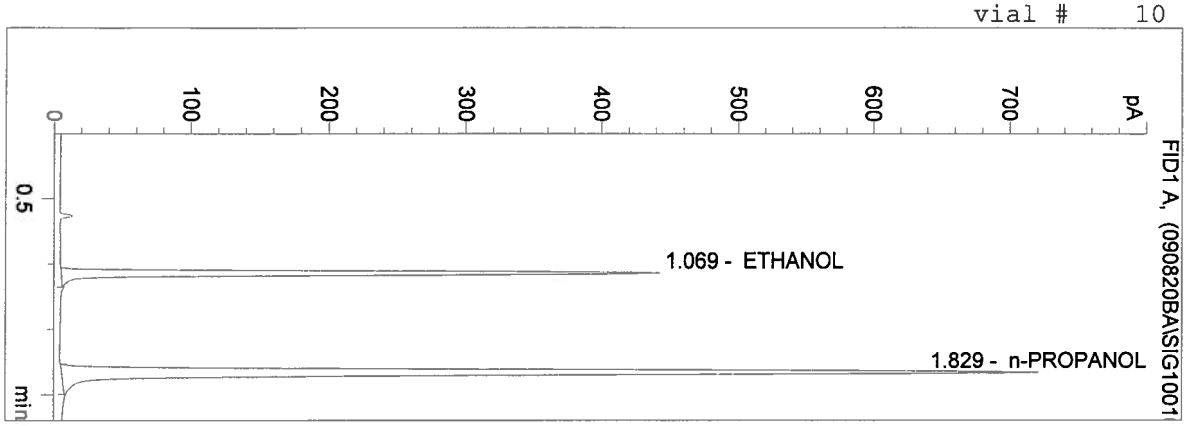
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 12:02:02 PM
Instrument 3
db-alc2

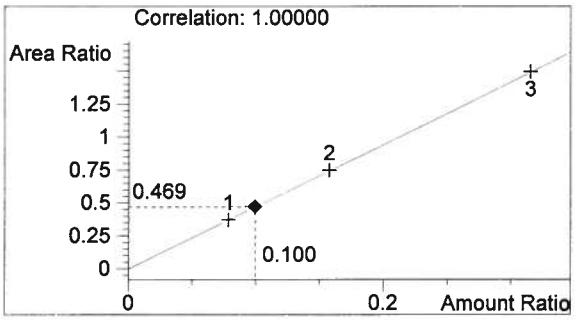
09032 #1
Brianne E. Akins

vial # 10

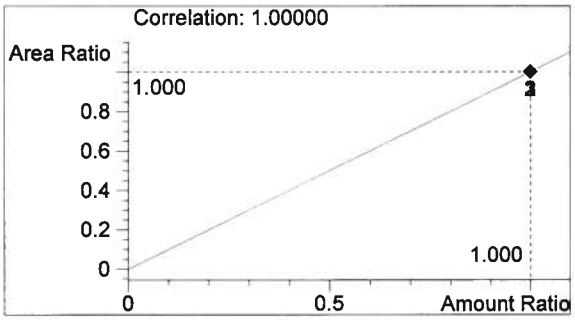


#	Compound	Area	RT
1	ETHANOL	966	1.069
2	n-PROPANOL	2057	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

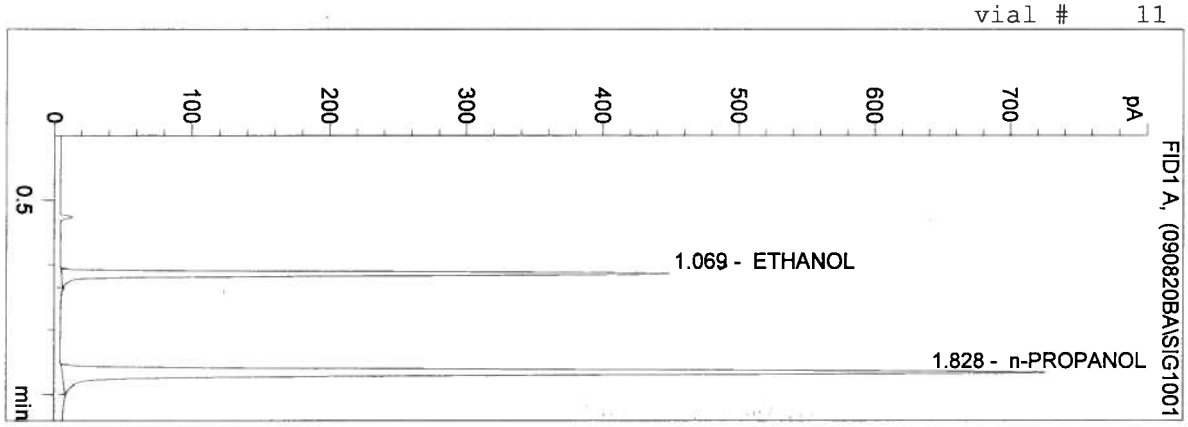
BUA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 12:05:10 PM
Instrument 3
db-alc2

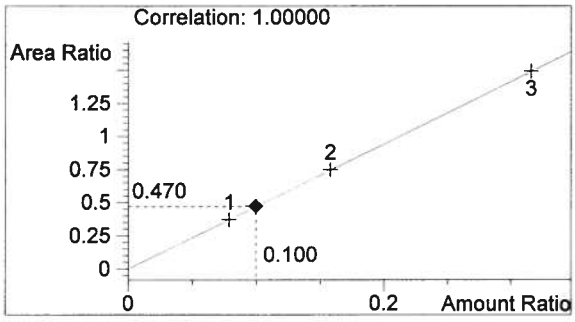
09032 #2
Brianne E. Akins

vial # 11

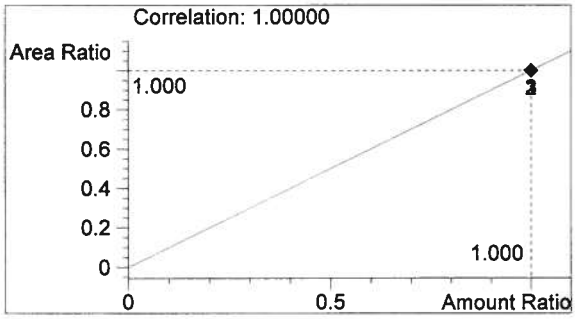


#	Compound	Area	RT
1	ETHANOL	970	1.069
2	n-PROPANOL	2066	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

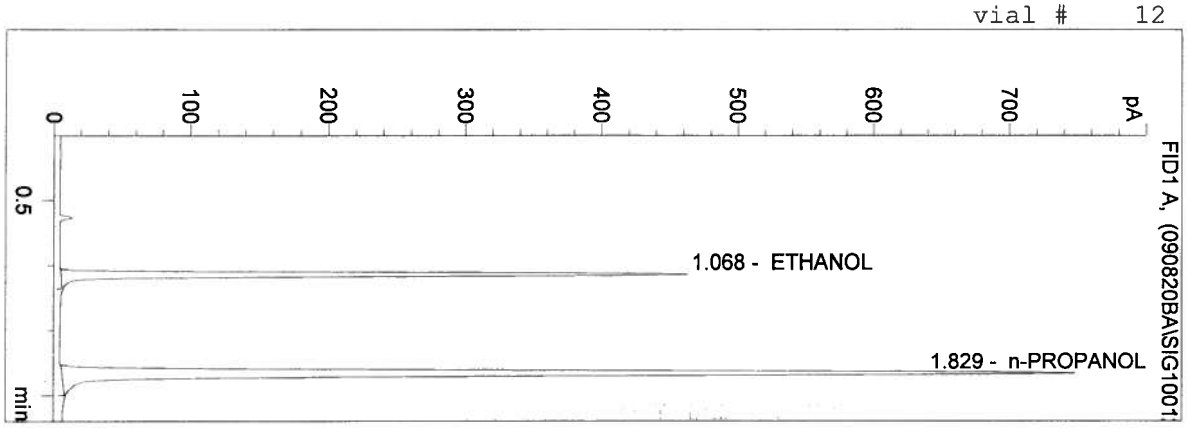
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 12:08:18 PM
Instrument 3
db-alc2

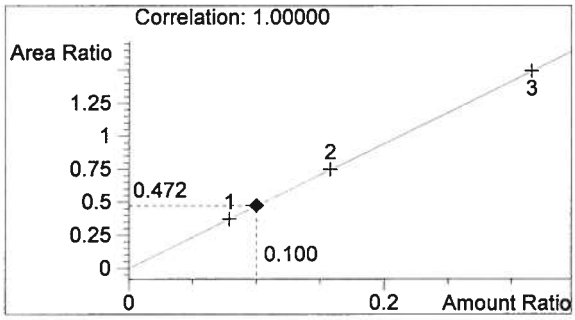
09032 #3
Brianne E. Akins

vial # 12

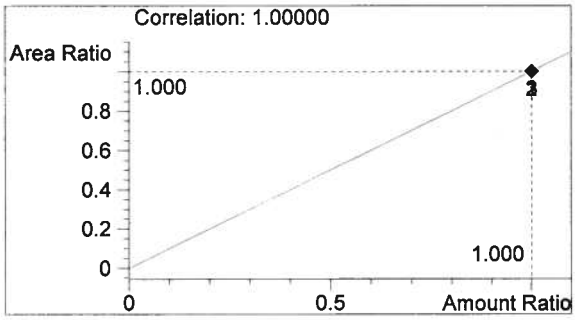


#	Compound	Area	RT
1	ETHANOL	1008	1.068
2	n-PROPANOL	2136	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

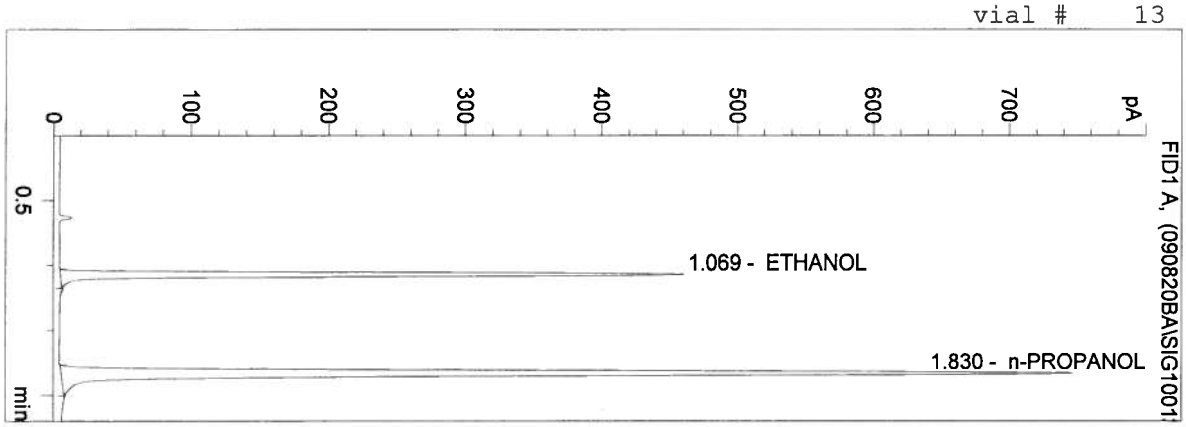
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 12:11:26 PM
Instrument 3
db-alc2

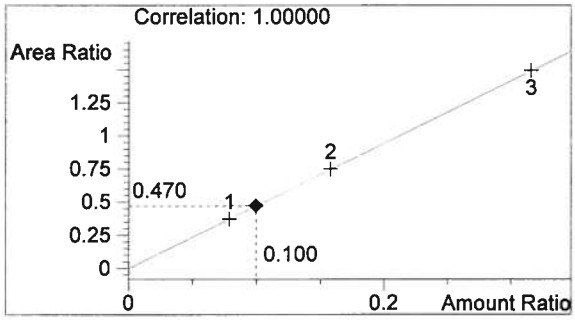
09032 #4
Brianne E. Akins

vial # 13

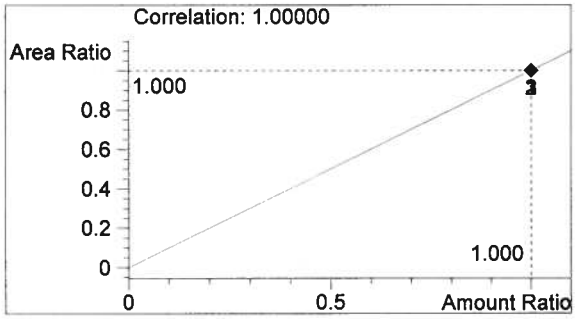


#	Compound	Area	RT
1	ETHANOL	1002	1.069
2	n-PROPANOL	2132	1.830

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

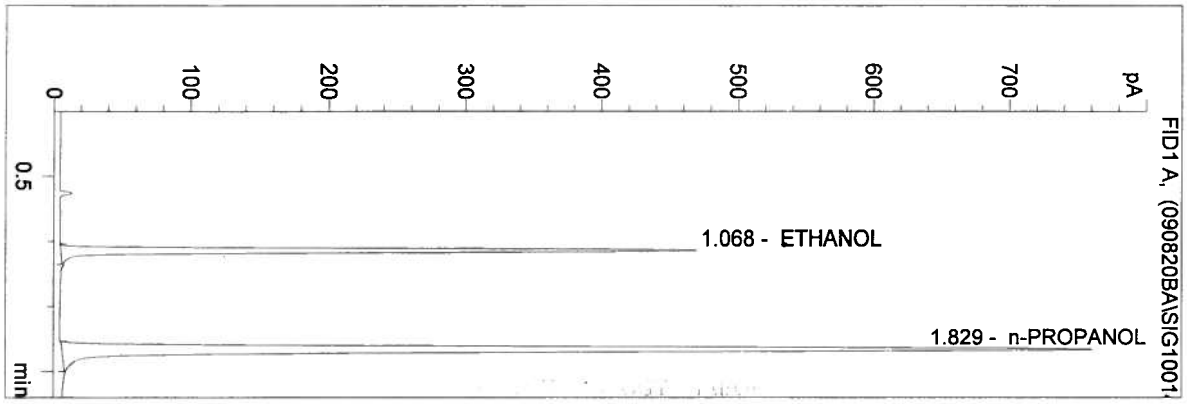
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 12:14:34 PM
Instrument 3
db-alc2

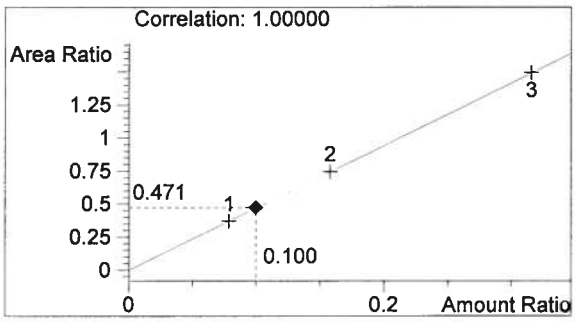
09032 #5
Brianne E. Akins

vial # 14

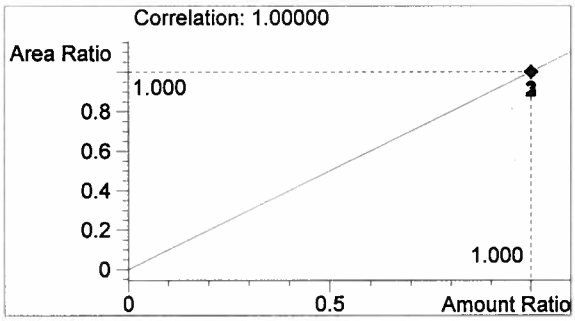


#	Compound	Area	RT
1	ETHANOL	1021	1.068
2	n-PROPANOL	2168	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

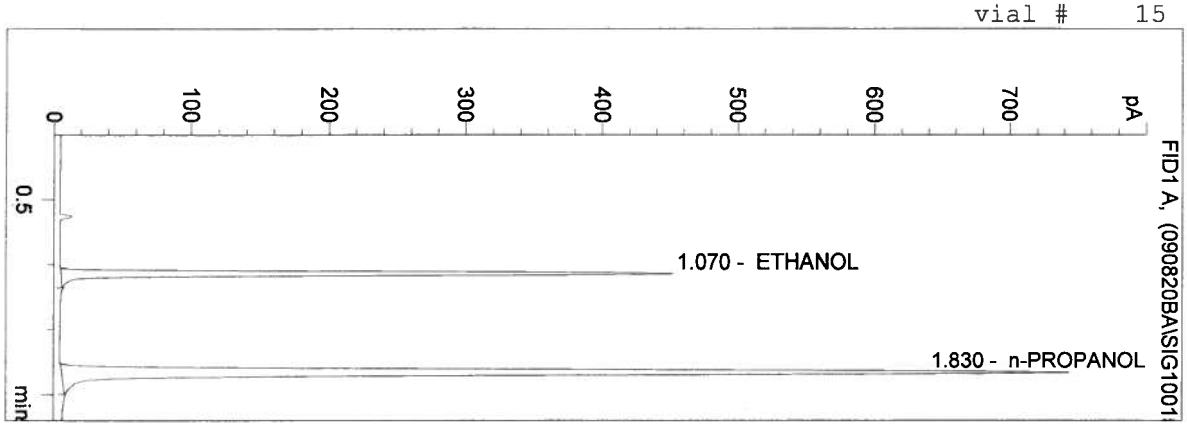
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 12:17:41 PM
Instrument 3
db-alc2

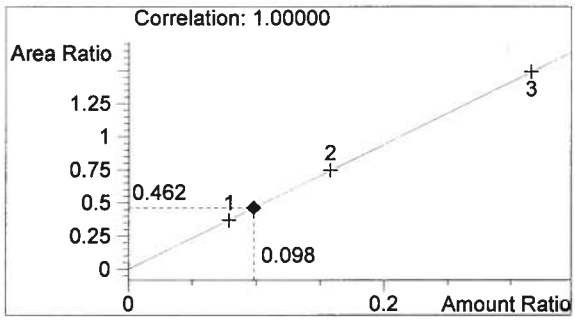
0.10 CONTROL-BA
Brianne E. Akins

vial # 15

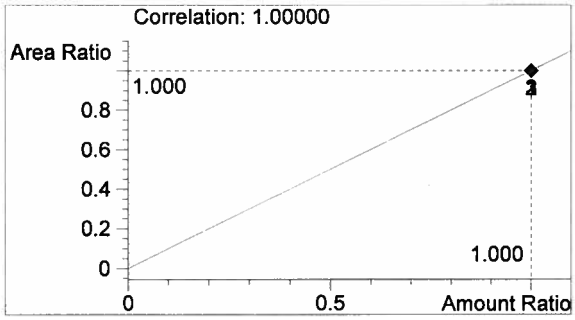


#	Compound	Area	RT
1	ETHANOL	976	1.070
2	n-PROPANOL	2112	1.830

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

= 09032

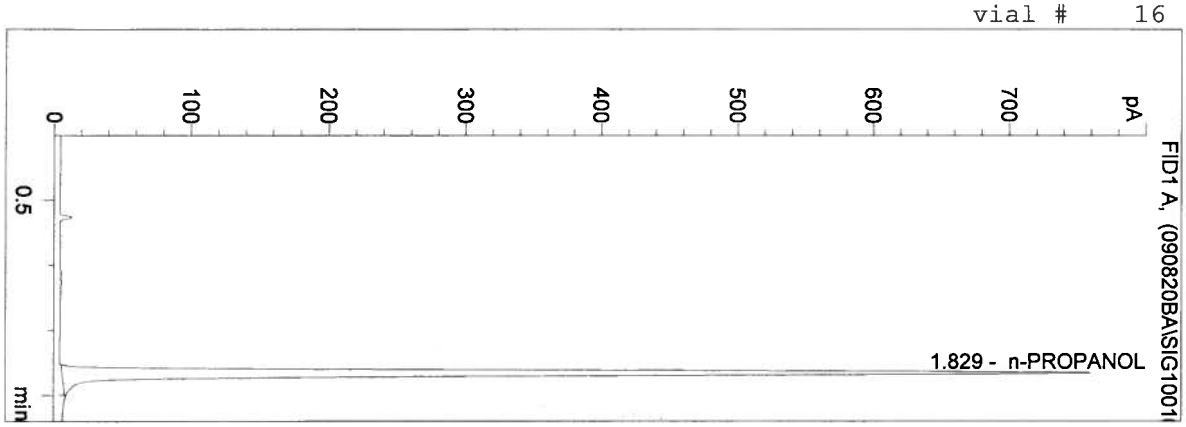
BLA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
8/20/2009 12:20:49 PM
Instrument 3
db-alc2

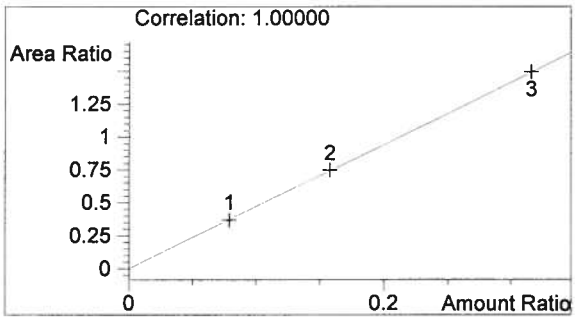
NEG CONTROL-BA
Brianne E. Akins

vial # 16

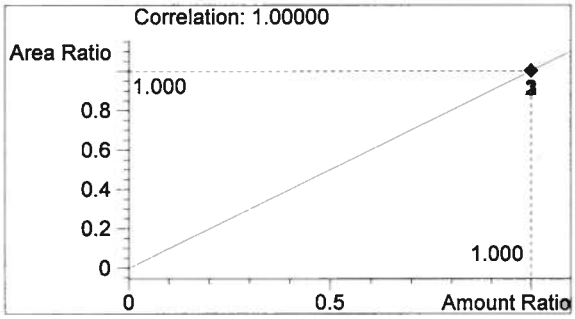


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2159	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09032

BEA

Washington State Patrol Toxicology Laboratory Division

EXTERNAL STANDARD SOLUTION PREPARATION WORKSHEET

Batch #: 09032

Preparer: AC

Date Prepared: 20090810

Expiration Date: 20100810

Lot 200 Proof (100%) Ethanol Used: KJ 3014

Date 200 Proof Ethanol Opened: 20090611

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

- 52 L Deionized Water ☑
- 66.5 mL 200-proof ethanol ☑
- Stir Bar is Rotating ☑
- Stirred for at least 2 hours ☑
- Spigot Purged ☑
- Aliquot Taken ☑
- Batch Labeled, Packaged and Sealed ☑ 20090811 Date

Analyst 20090812 Date

Ext Std 09032

0.082 g/210L
prp: 20090810AL exp: 20100810