Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: KEN DENTON / ROD GULLBERG Date: 10-29-2009

Location: TOX LAB SEATTLE Solution Batch Number: 09049

	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. G. Gullberg Date: 10-29-2009

Reviewer Signature: K. L. Denton Date: 10/29/2009

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 09049

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: 10/07/2009
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Brittany Ball

	BB	CM	CSJ	AB	AJL	RF	BP	JLK
1	0.103	0.102	0.099	0.103	0.101	0.101	0.104	0.102
2	0.103	0.102	0.102	0.099	0.103	0.101	0.101	0.102
3	0.102	0.102	0.102	0.101	0.101	0.101	0.101	0.102
4	0.101	0.102	0.101	0.101	0.102	0.101	0.102	0.102
5	0.102	0.102	0.099	0.100	0.102	0.105	0.101	0.102
C	0.101	0.099	0.098	0.098	0.102	0.099	0.100	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1016 g/100mL
STANDARD DEVIATION: 0.00119
PRECISION CV (%): 1.17
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0826 g/210L**
EXPANDED UNCERTAINTY: ± 0.0040 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 — Melissa L. Pemberton, Forensic Scientist Supervisor
10-30-09 — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BB	Brittany Ball	Brittany Ball	10/07/2009
CM	Christie Mitchell	Christie Mitchell	10/12/2009
CSJ	Christopher S. Johnston	[illegible]	10/14/2009
AB	Amanda Black	[illegible]	10/15/2009
AJL	Asa J. Louis	[illegible] Louis	10/15/2009
RF	Rebecca Flaherty	[illegible]	10/16/2009
BP	Brianna Peterson	Brianna Peterson	10/16/2009
JLK	Justin L. Knoy	[illegible]	10/16/2009

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 #: 09049 **Date Prepared: 10/7/2009**

Analyst:	BB	CM	CSJ	AB	AJL	RF	BP	JLK
Date Tested:	10/7/2009	10/12/2009	10/14/2009	10/15/2009	10/15/2009	10/16/2009	10/16/2009	10/16/2009
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.103	0.102	0.099	0.103	0.101	0.101	0.104	0.102
2	0.103	0.102	0.102	0.099	0.103	0.101	0.101	0.102
3	0.102	0.102	0.102	0.101	0.101	0.101	0.101	0.102
4	0.101	0.102	0.101	0.101	0.102	0.101	0.102	0.102
5	0.102	0.102	0.099	0.100	0.102	0.105	0.101	0.102
C	0.101	0.099	0.098	0.098	0.102	0.099	0.100	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	CV^2_{Bias}	$CV^2_{Part\ Coef}$
0.0000000900	0.0001374827	0.0001997093	0.0001333333	0.0001016326

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

Average Solution Concentration: 0.1016 g/100mL
Standard Deviation: 0.00119 g/100mL
Precision CV (%): 1.17
Equivalent Vapor Concentration: 0.0826 g/210L
Combined Standard Uncertainty (±): 0.0020 g/210L
Expanded Uncertainty (±): 0.0040 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 10-21-09
Name Signature Date

Calculations verified by: ROD GULLBERG [signature] 10-29-09 Method: EXCEL
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton [signature] 10-21-09
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

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 Test Report
3) Signed the Test Report

	Initials	Date
Amanda Black	AB	10-22-09
Asa Louis	AL	2009.1022
Brian Capron		
Brianna Peterson	BP	10/26/09
Brianne O'Reilly		
Brittany Ball	BB	10/22/09
Christie Mitchell	CM	10/26/09
Christopher Johnston	CJ	10/22/09
Gwynyth Almendarez		
Justin Knoy	JK	10-22-09
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	10/20/09 RF 10-21-09
Sarah Swenson		

Batch # 09049

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 09049

I, Brittany Ball, 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 a Masters in Forensic Science.

The external standard solution, Lot Number 09049, was prepared in the Washington State Toxicology Laboratory on 10/7/2009. 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 10/7/2010.

Seattle, WA

Brittany Ball 10/22/09

Brittany Ball Date

Forensic Toxicologist

BB/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 09049

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 09049, was prepared in the Washington State Toxicology Laboratory on 10/7/2009. 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 10/7/2010.

Seattle, WA

Christie Mitchell 10/26/2009

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 09049

I, Amanda M. Black, 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 degrees in Chemistry and Veterinary Science.

The external standard solution, Lot Number 09049, was prepared in the Washington State Toxicology Laboratory on 10/7/2009. 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 10/7/2010.

Seattle, WA

10-22-09

Amanda M. Black Date

Forensic Toxicologist

AB/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 09049

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 09049, was prepared in the Washington State Toxicology Laboratory on 10/7/2009. 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 10/7/2010.

Seattle, WA

2009 1022

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 09049

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 09049, was prepared in the Washington State Toxicology Laboratory on 10/7/2009. 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 10/7/2010.

Seattle, WA

10/22/2009

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 09049

I, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The external standard solution, Lot Number 09049, was prepared in the Washington State Toxicology Laboratory on 10/7/2009. 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 10/7/2010.

Seattle, WA

10/21/09

Rebecca Flaherty — Date

Forensic Toxicologist

RF/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 09049

I, Brianna Peterson, 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 degree in Forensic Science, Ph.D. degree in Toxicology, and four years of experience in forensic toxicology.

The external standard solution, Lot Number 09049, was prepared in the Washington State Toxicology Laboratory on 10/7/2009. 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 10/7/2010.

Seattle, WA

Brianna Peterson 10/26/09

Brianna Peterson Date

Forensic Toxicologist

BP/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 09049

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 09049, was prepared in the Washington State Toxicology Laboratory on 10/7/2009. 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 10/7/2010.

Seattle, WA

10-22-09

Justin L. Knoy — Date

Forensic Toxicologist

JLK/ik

Sequence Parameters:

Operator:	Brittany Ball
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:	091007BB
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	BLANKbb	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-BB	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl-BB	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl-BB	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl-BB	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG Ctrl-BB	SIMALC	1	Ctrl Samp		
10	Vial 10	09049 #1-BB	SIMALC	1	Sample		
11	Vial 11	09049 #2-BB	SIMALC	1	Sample		
12	Vial 12	09049 #3-BB	SIMALC	1	Sample		
13	Vial 13	09049 #4-BB	SIMALC	1	Sample		
14	Vial 14	09049 #5-BB	SIMALC	1	Sample		
15	Vial 15	0.10 Ctrl-BB	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG Ctrl-BB	SIMALC	1	Ctrl Samp		

BB

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	

09049

Sequence Table (Back Injector):

No entries - empty table!

BB

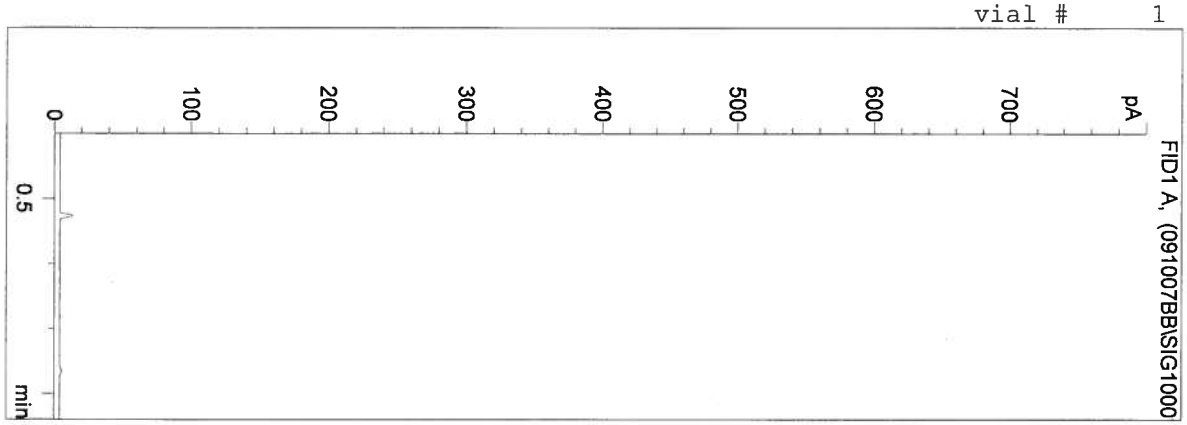
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:17:56 PM
Instrument 3
db-alc2

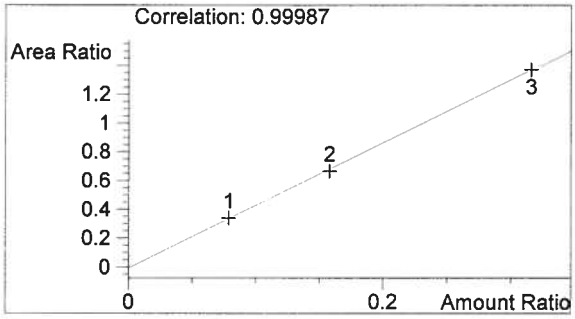
BLANKbb
Brittany Ball

vial # 1

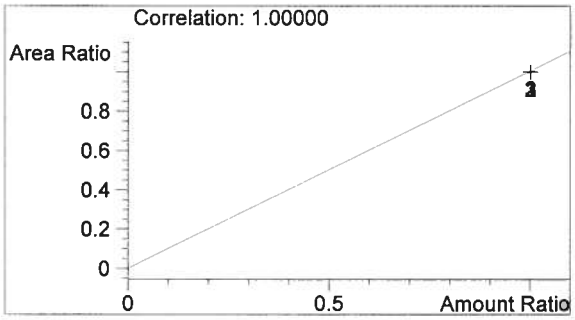


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

BB

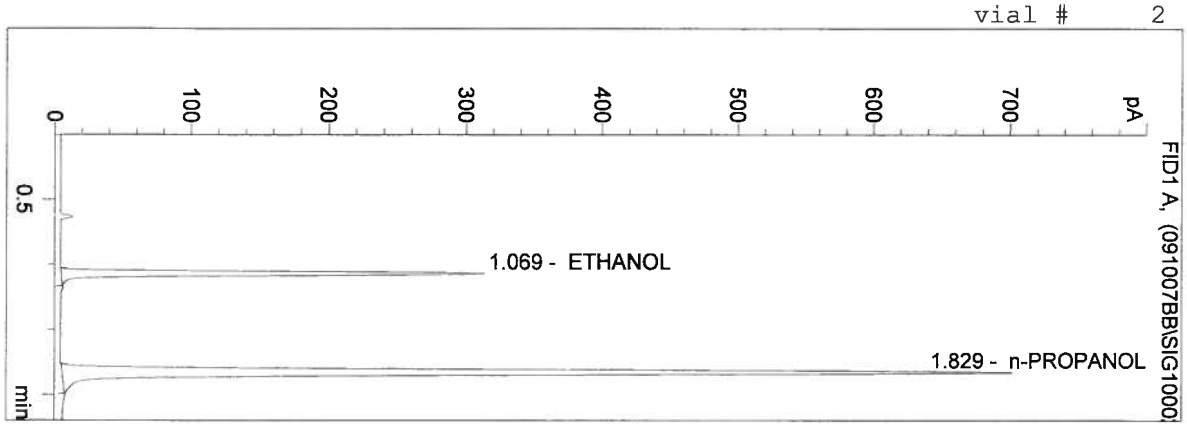
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:21:04 PM
Instrument 3
db-alc2

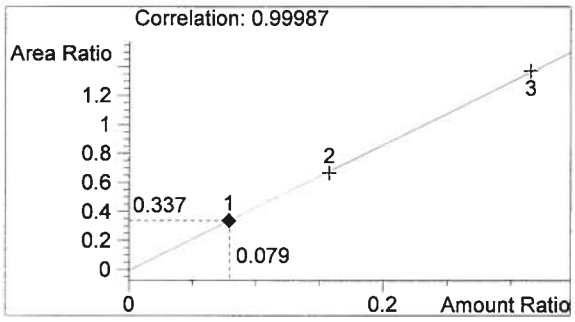
0.079 CAL 1
Brittany Ball

vial # 2

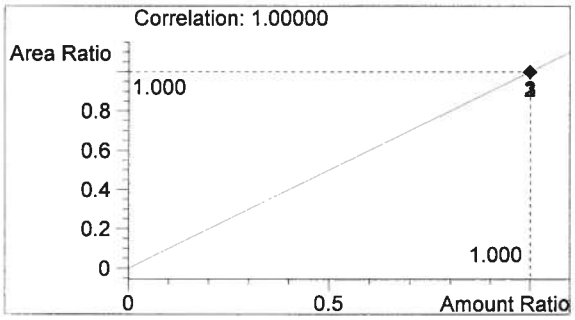


#	Compound	Area	RT
1	ETHANOL	672	1.069
2	n-PROPANOL	1991	1.829

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

BB

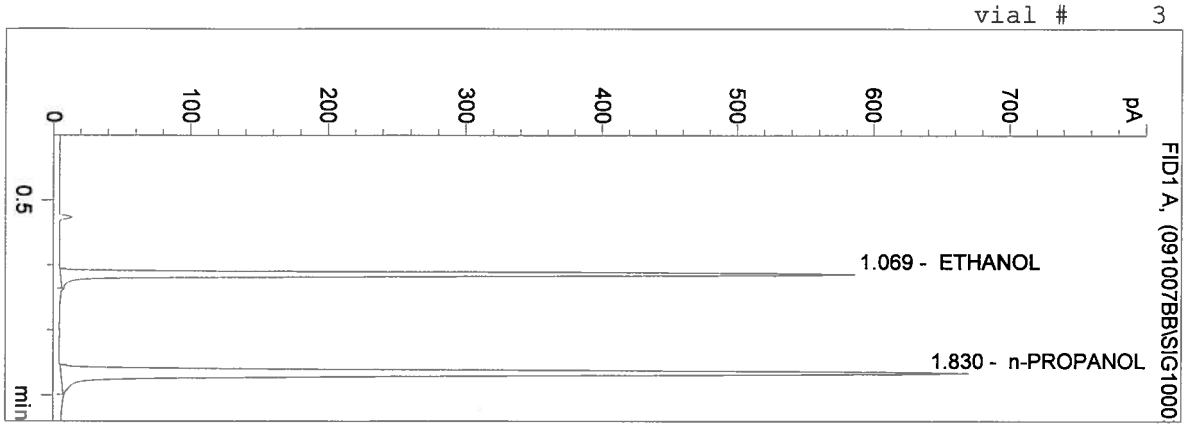
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:24:12 PM
Instrument 3
db-alc2

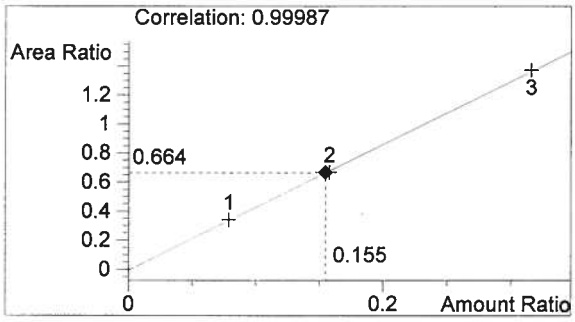
0.158 CAL 2
Brittany Ball

vial # 3

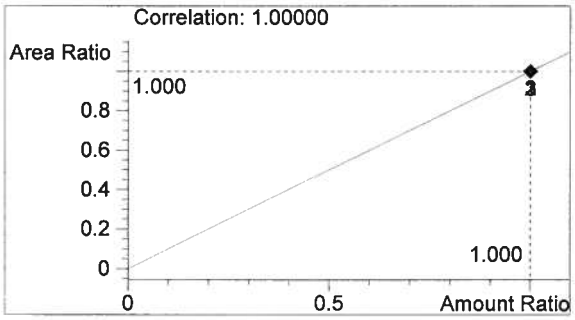


#	Compound	Area	RT
1	ETHANOL	1265	1.069
2	n-PROPANOL	1905	1.830

Totals:



ETHANOL 0.155 g/100ml



n-PROPANOL 1.000 g/100ml

BB

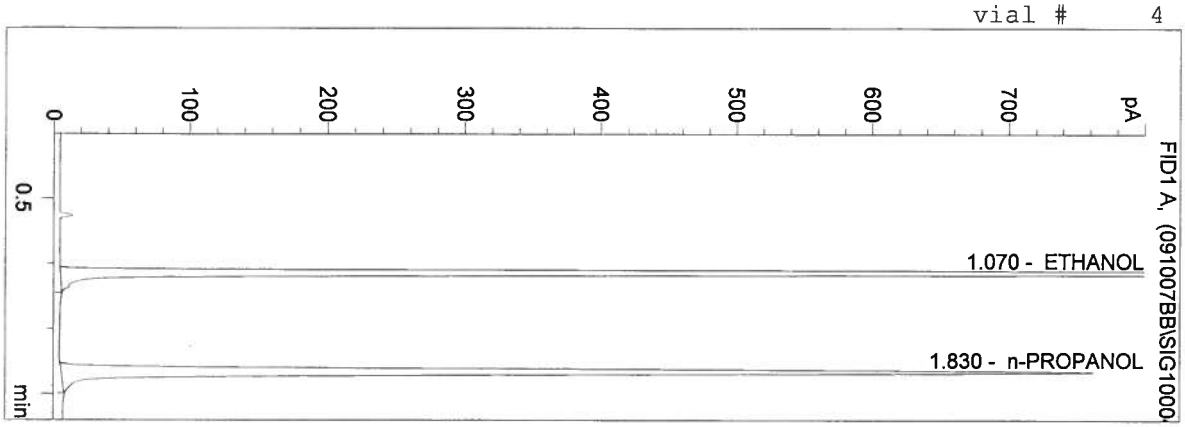
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:27:19 PM
Instrument 3
db-alc2

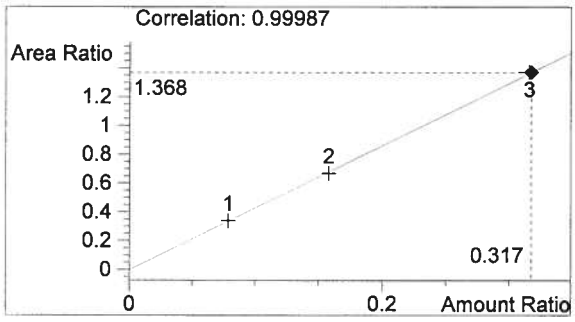
0.316 CAL 3
Brittany Ball

vial # 4

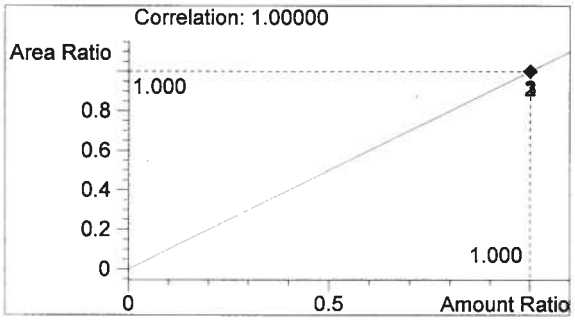


#	Compound	Area	RT
1	ETHANOL	2964	1.070
2	n-PROPANOL	2167	1.830

Totals:



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

BB

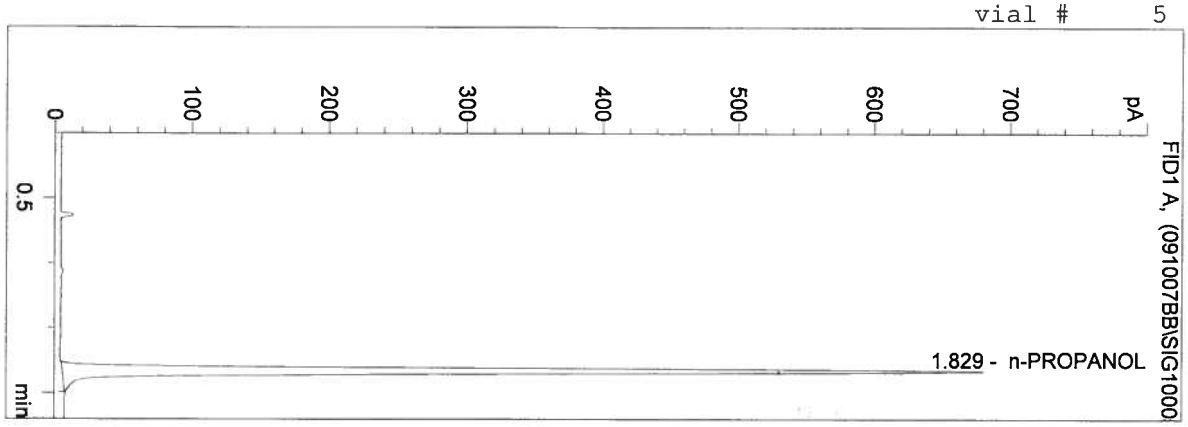
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:30:27 PM
Instrument 3
db-alc2

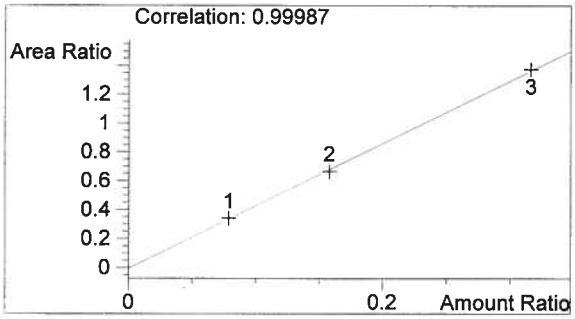
NEG Ctrl-BB
Brittany Ball

vial # 5

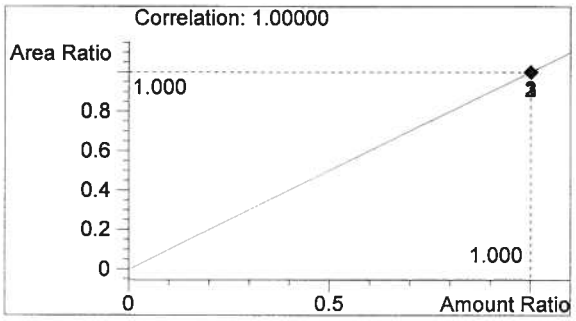


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1937	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BB

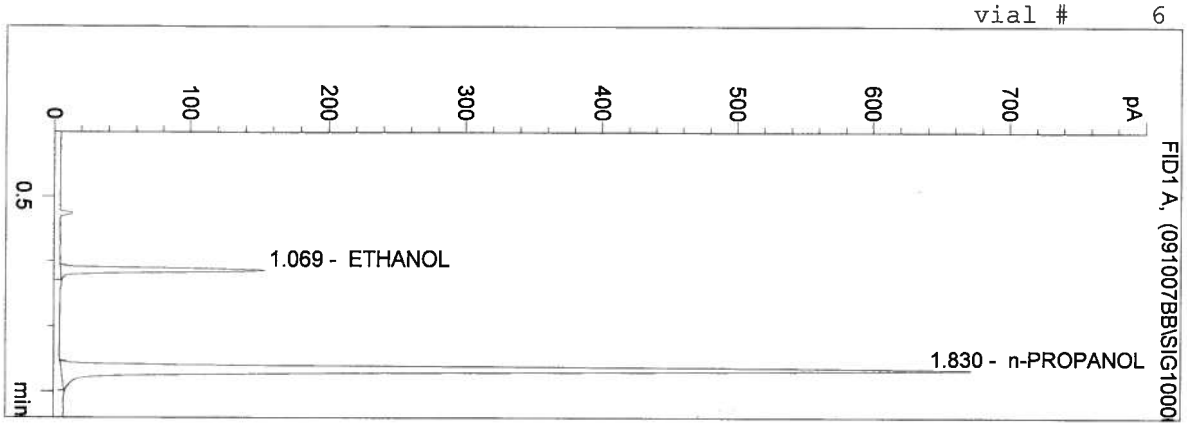
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:33:35 PM
Instrument 3
db-alc2

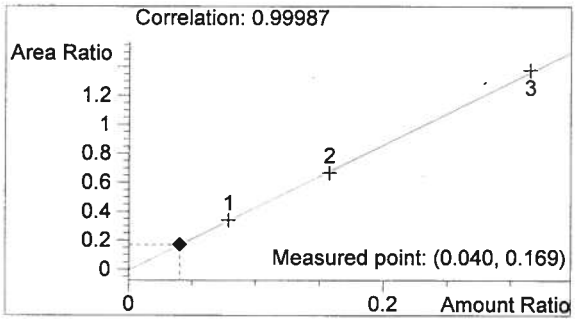
0.04 Ctrl-BB
Brittany Ball

vial # 6

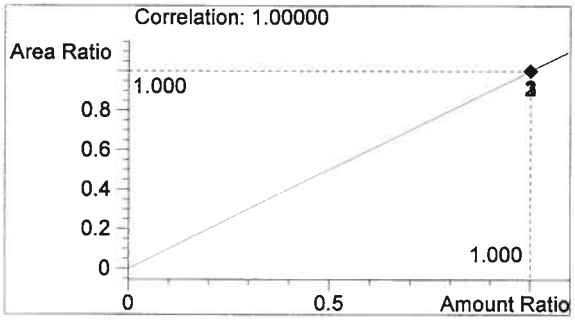


#	Compound	Area	RT
1	ETHANOL	322	1.069
2	n-PROPANOL	1907	1.830

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

BB

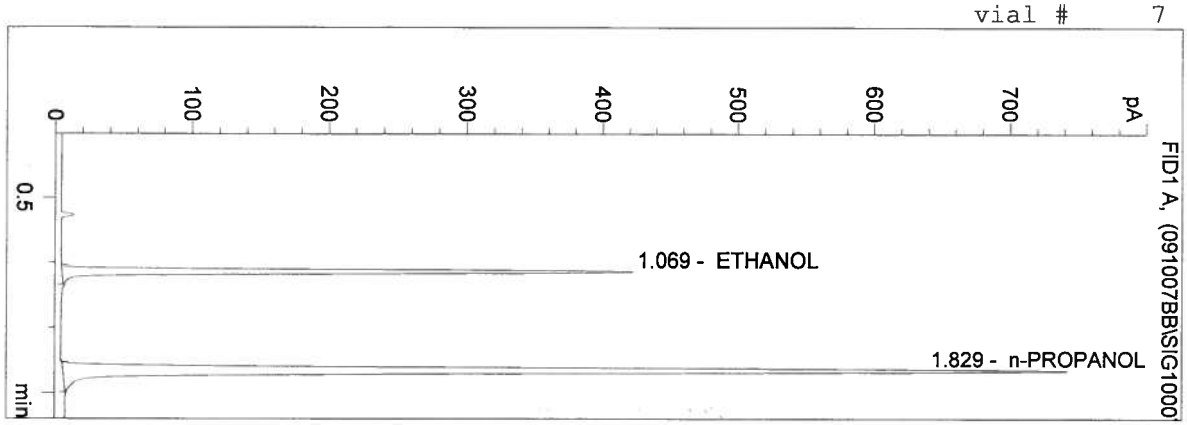
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:36:43 PM
Instrument 3
db-alc2

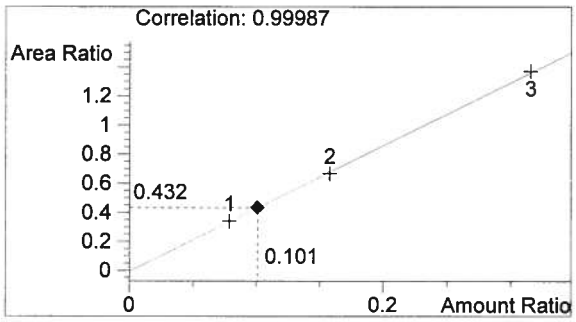
0.10 Ctrl-BB
Brittany Ball

vial # 7

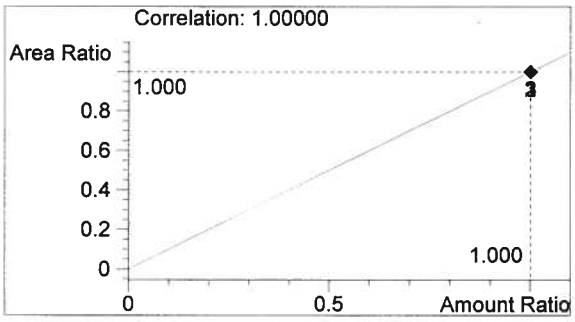


#	Compound	Area	RT
1	ETHANOL	910	1.069
2	n-PROPANOL	2106	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

BB

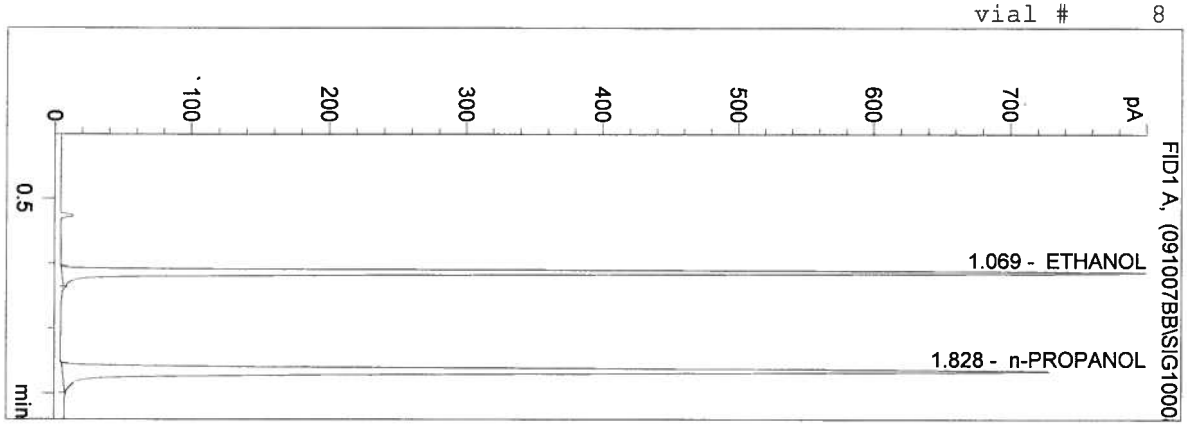
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:39:51 PM
Instrument 3
db-alc2

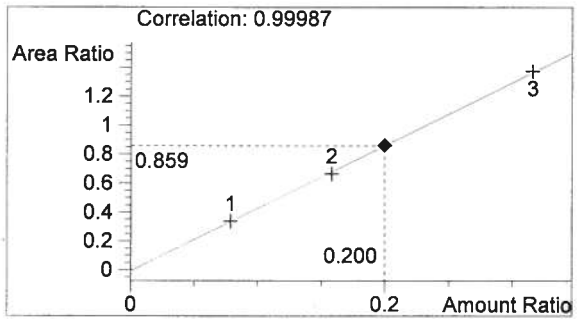
0.20 Ctrl-BB
Brittany Ball

vial # 8

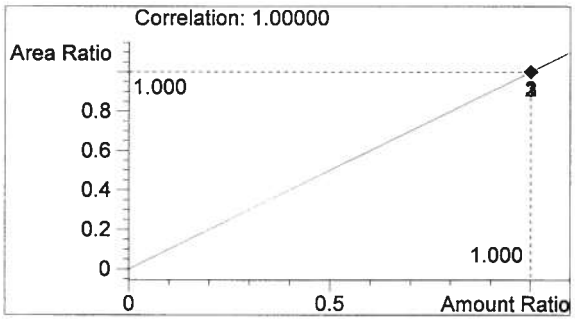


#	Compound	Area	RT
1	ETHANOL	1781	1.069
2	n-PROPANOL	2075	1.828

Totals:



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

BB

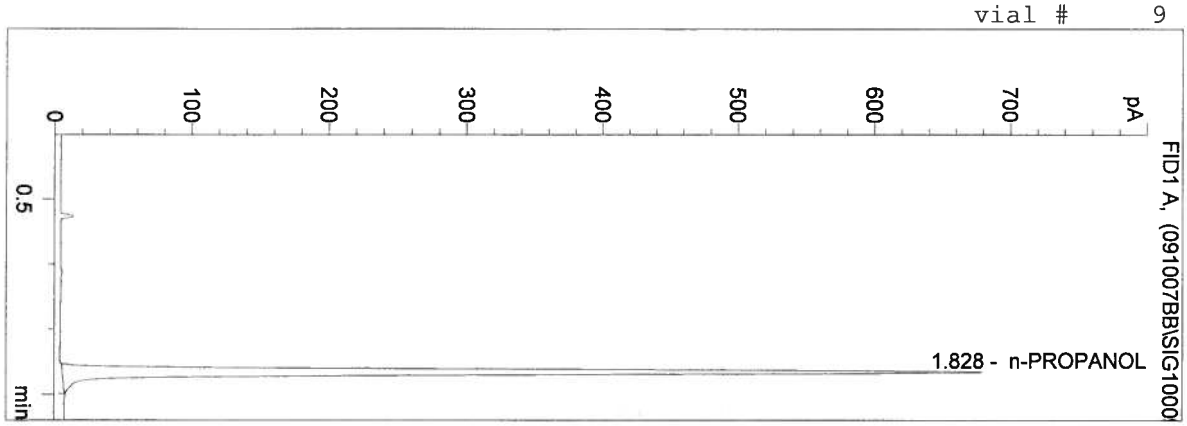
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:42:58 PM
Instrument 3
db-alc2

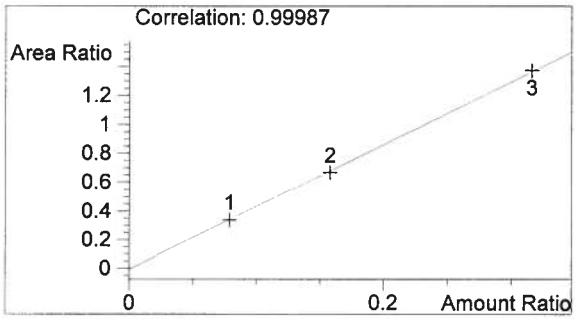
NEG Ctrl-BB
Brittany Ball

vial # 9

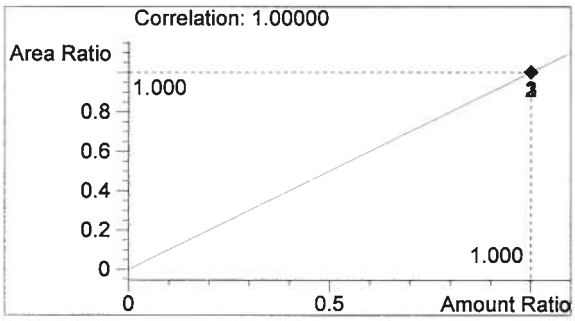


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1938	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BB

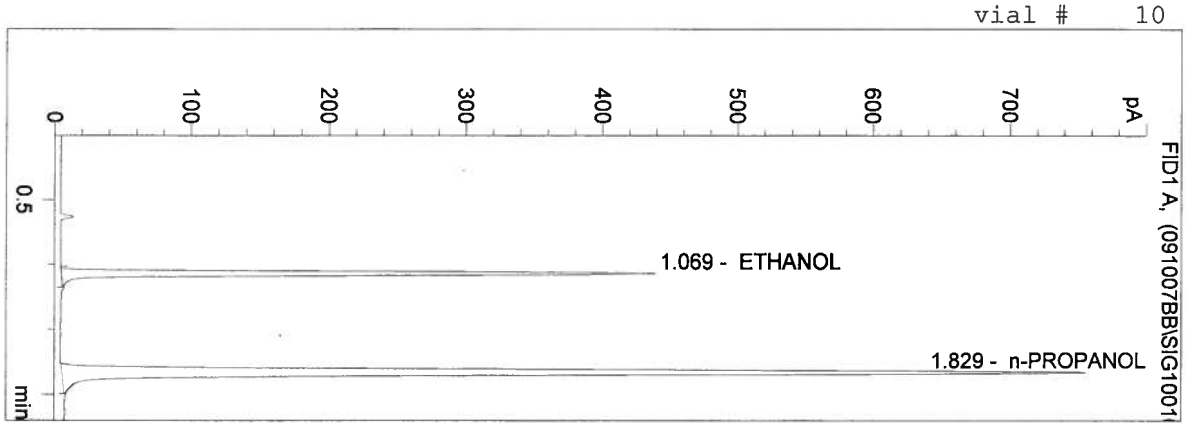
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:46:06 PM
Instrument 3
db-alc2

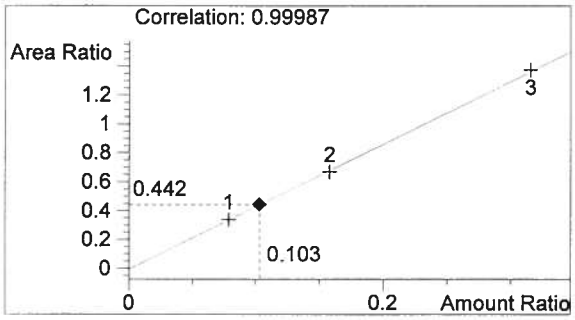
09049 #1-BB
Brittany Ball

vial # 10

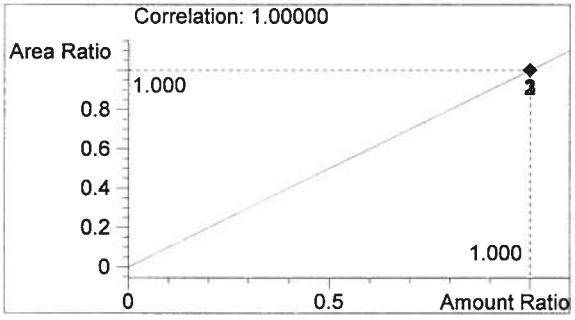


#	Compound	Area	RT
1	ETHANOL	949	1.069
2	n-PROPANOL	2148	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

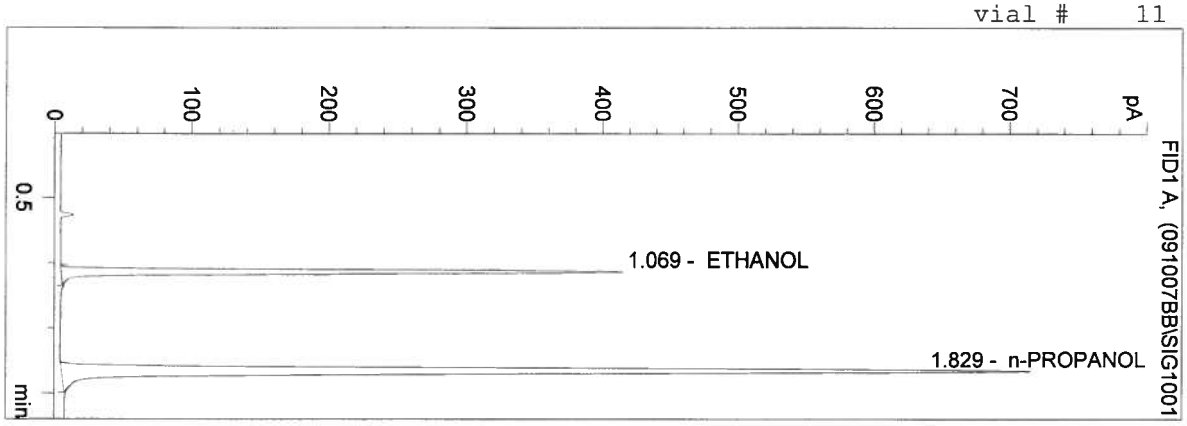
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:49:14 PM
Instrument 3
db-alc2

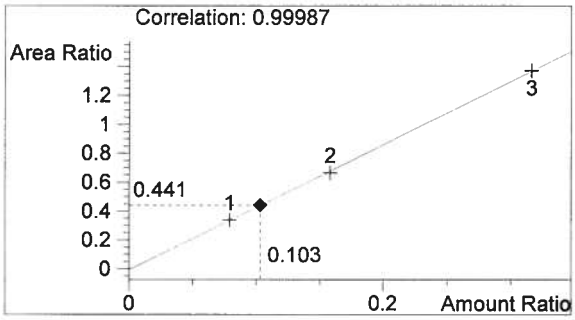
09049 #2-BB
Brittany Ball

vial # 11

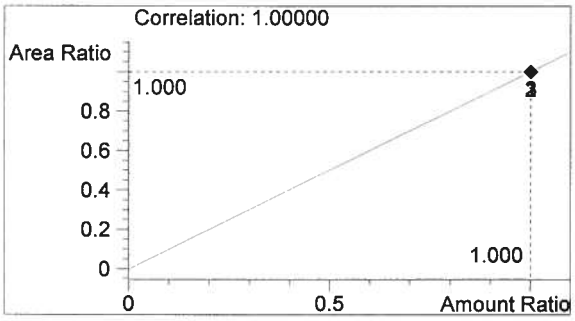


#	Compound	Area	RT
1	ETHANOL	895	1.069
2	n-PROPANOL	2032	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

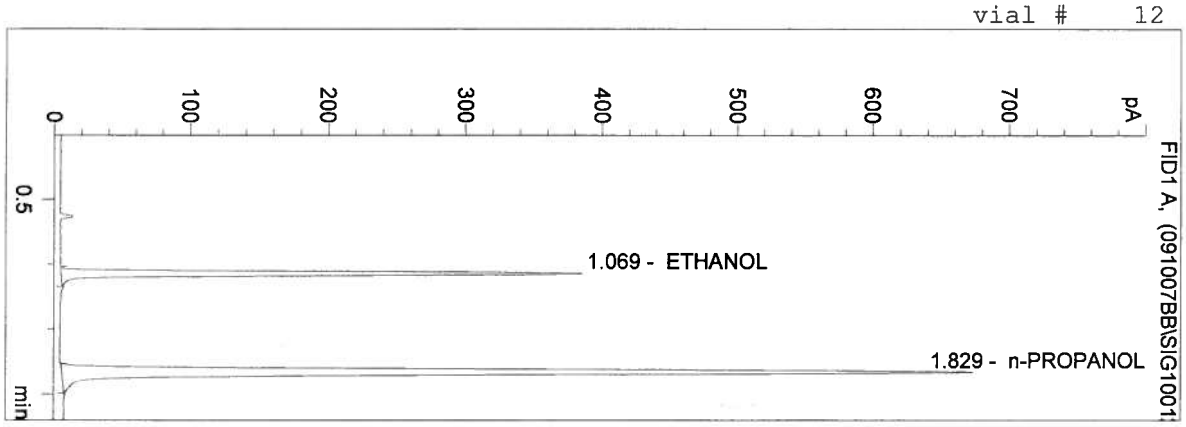
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:52:22 PM
Instrument 3
db-alc2

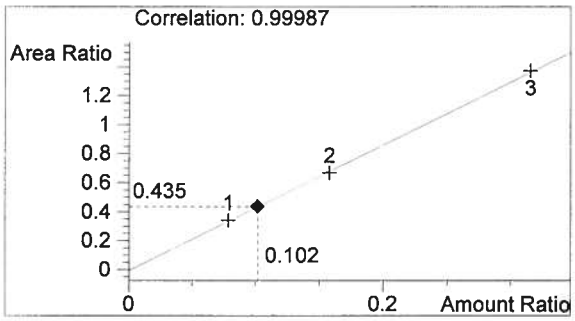
09049 #3-BB
Brittany Ball

vial # 12

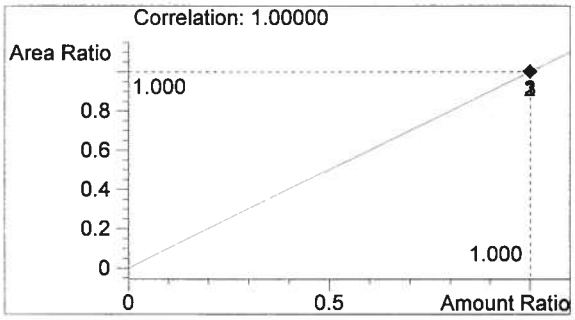


#	Compound	Area	RT
1	ETHANOL	832	1.069
2	n-PROPANOL	1914	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

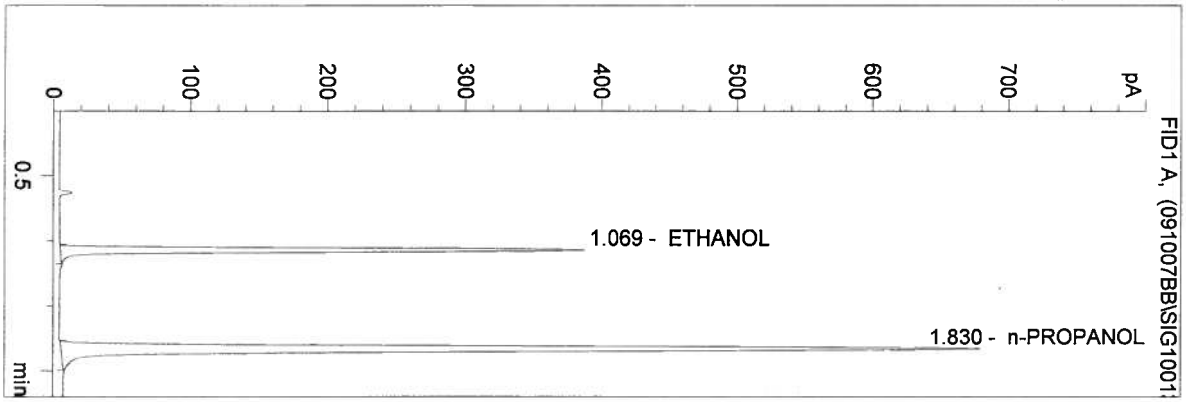
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:55:30 PM
Instrument 3
db-alc2

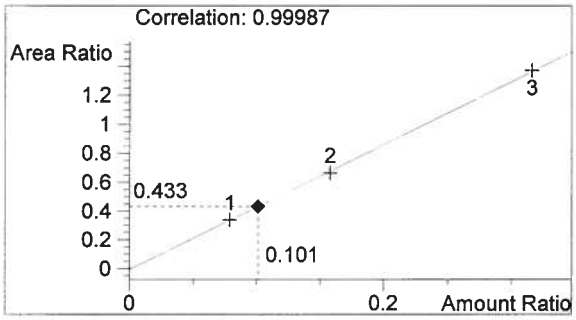
09049 #4-BB
Brittany Ball

vial # 13

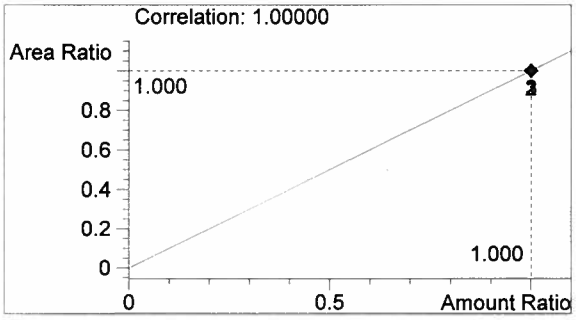


#	Compound	Area	RT
1	ETHANOL	837	1.069
2	n-PROPANOL	1933	1.830

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

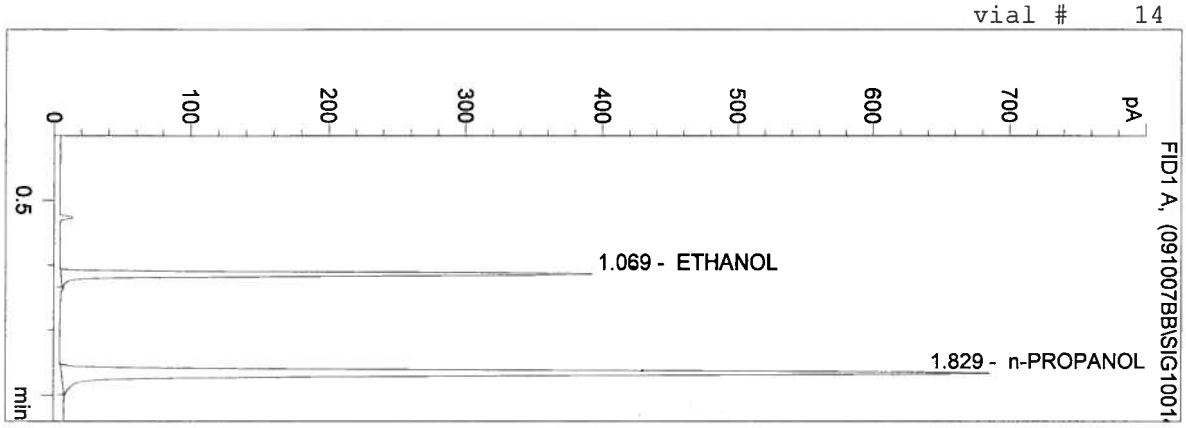
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 2:58:37 PM
Instrument 3
db-alc2

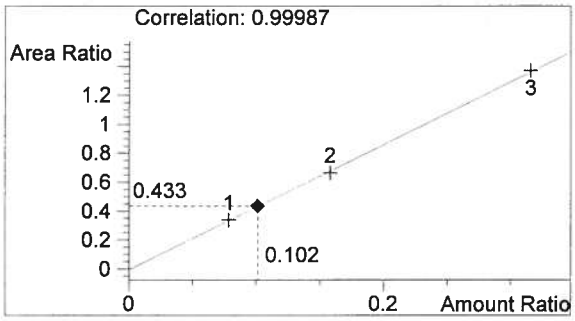
09049 #5-BB
Brittany Ball

vial # 14

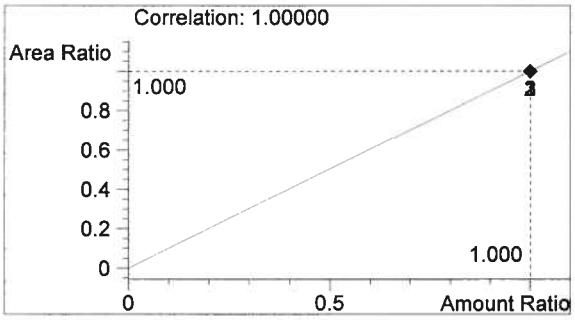


#	Compound	Area	RT
1	ETHANOL	847	1.069
2	n-PROPANOL	1953	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

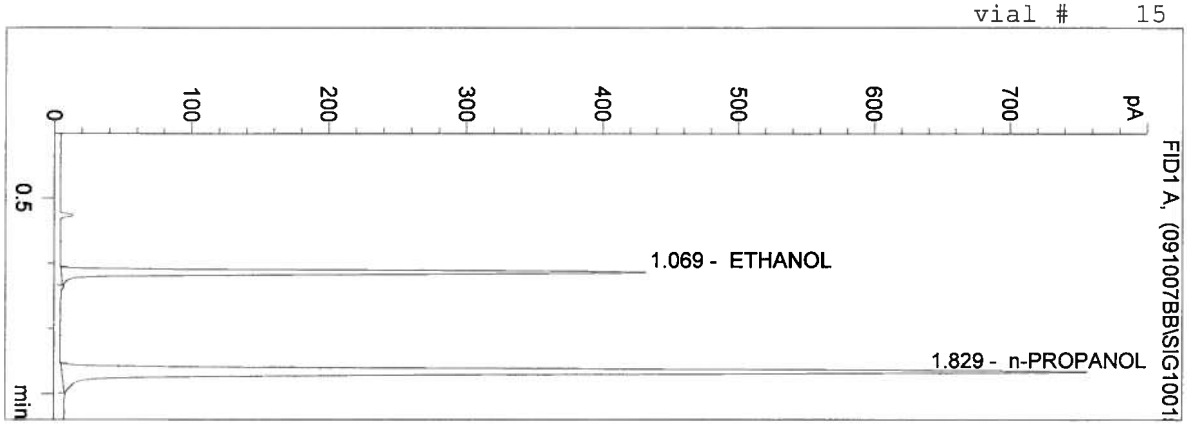
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 3:01:45 PM
Instrument 3
db-alc2

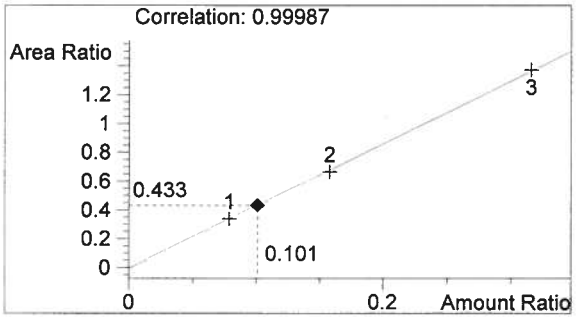
0.10 Ctrl-BB
Brittany Ball

vial # 15

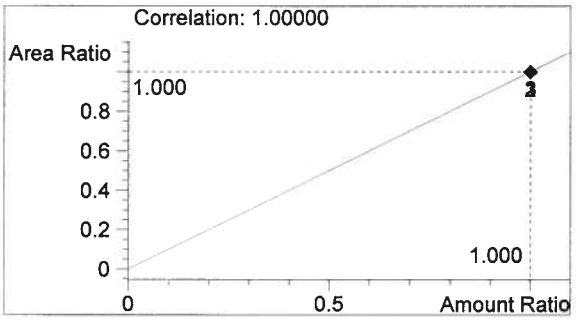


#	Compound	Area	RT
1	ETHANOL	929	1.069
2	n-PROPANOL	2148	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

BB

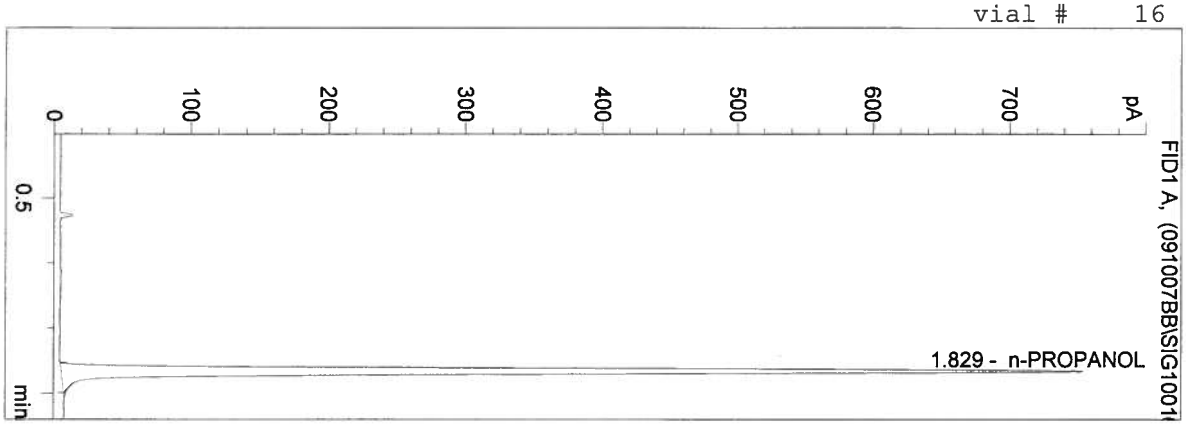
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/7/2009 3:04:53 PM
Instrument 3
db-alc2

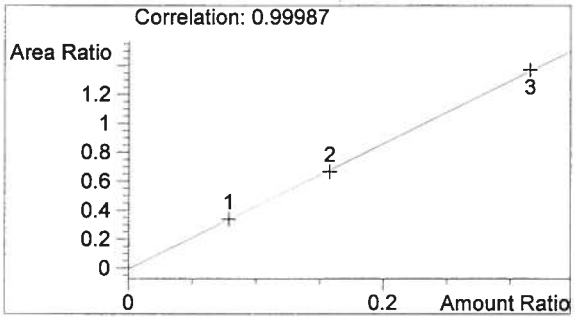
NEG Ctrl-BB
Brittany Ball

vial # 16

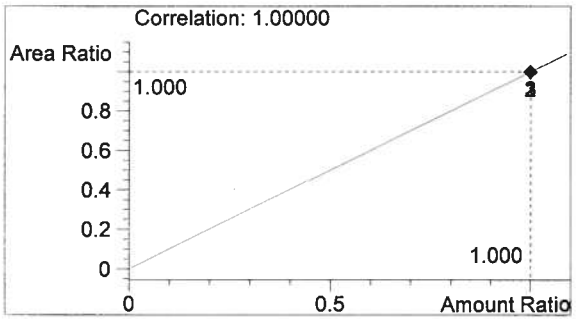


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2142	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BB

09049

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:	091012CM
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 09049 #1	SIMALC	1	Sample		
11	Vial 11	ESS 09049 #2	SIMALC	1	Sample		
12	Vial 12	ESS 09049 #3	SIMALC	1	Sample		
13	Vial 13	ESS 09049 #4	SIMALC	1	Sample		
14	Vial 14	ESS 09049 #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	

09049

Sequence Table (Back Injector):

No entries - empty table!

CM

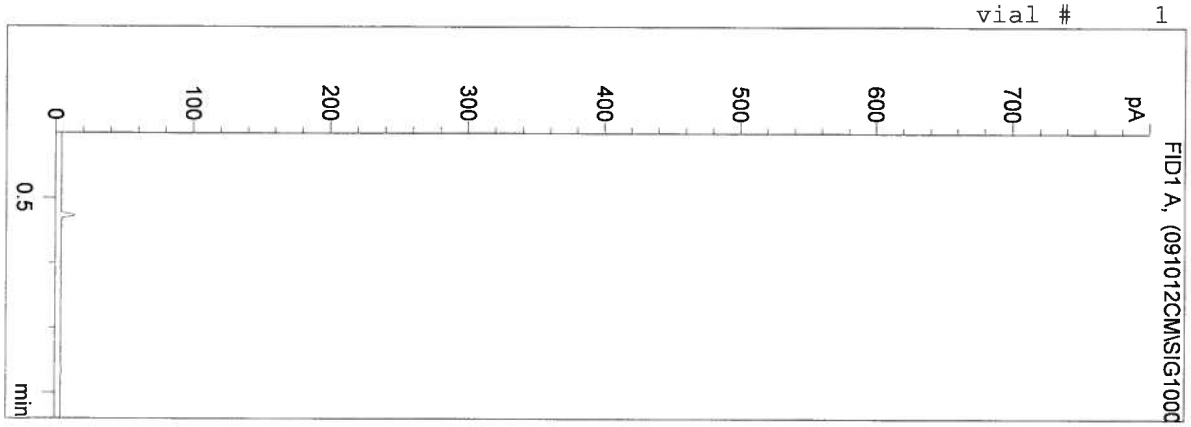
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/12/2009 10:53:42 AM
Instrument 3
db-alc2

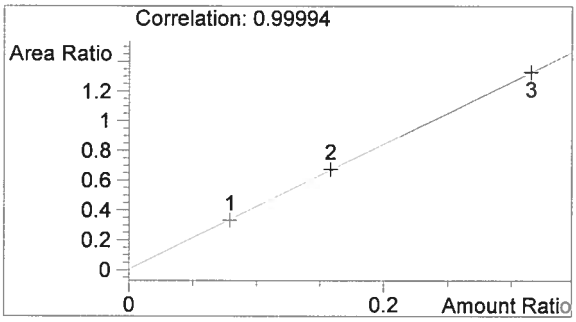
BLANK
Christie Mitchell

vial # 1

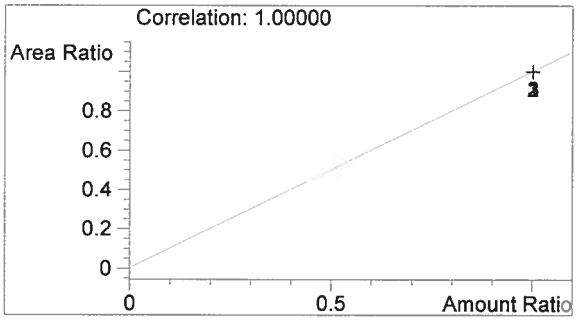


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

CM

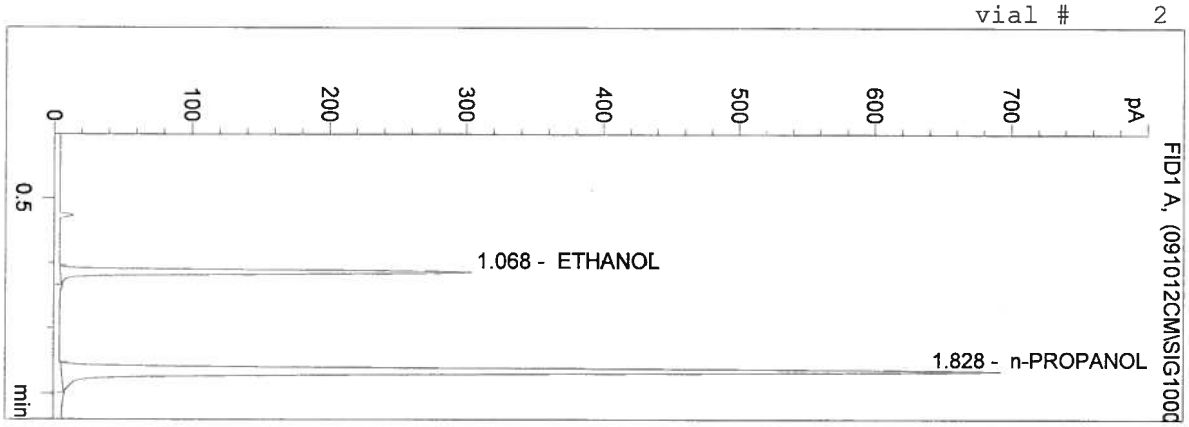
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/12/2009 10:56:50 AM
Instrument 3
db-alc2

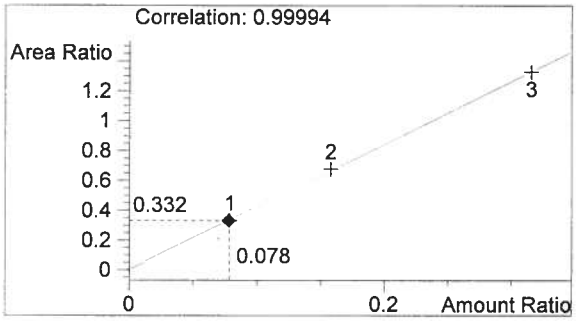
0.079 CAL 1
Christie Mitchell

vial # 2

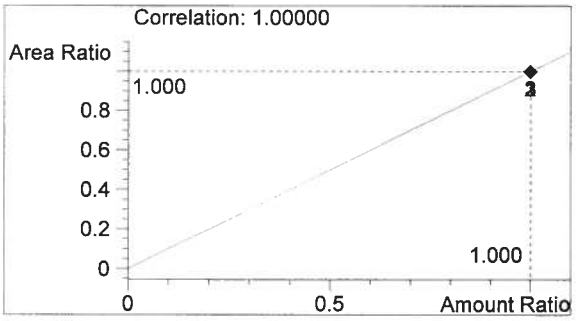


#	Compound	Area	RT
1	ETHANOL	656	1.068
2	n-PROPANOL	1974	1.828

Totals:



ETHANOL 0.078 g/100ml



n-PROPANOL 1.000 g/100ml

CM

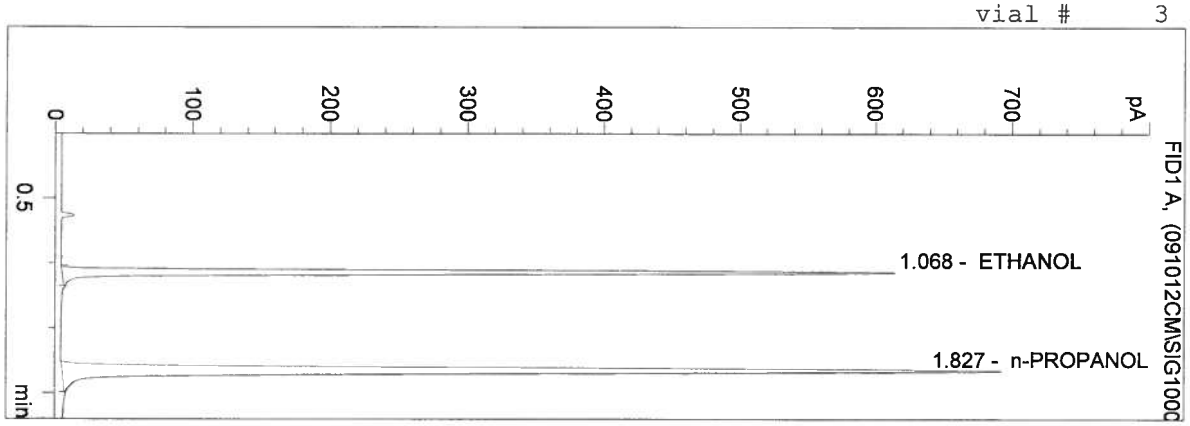
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/12/2009 10:59:58 AM
Instrument 3
db-alc2

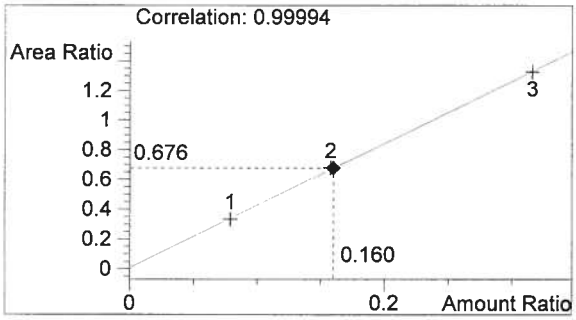
0.158 CAL 2
Christie Mitchell

vial # 3

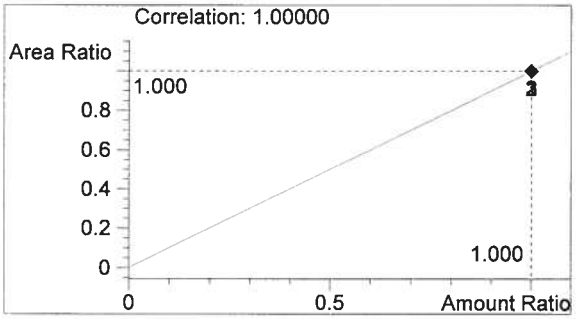


#	Compound	Area	RT
1	ETHANOL	1332	1.068
2	n-PROPANOL	1971	1.827

Totals:



ETHANOL 0.160 g/100ml



n-PROPANOL 1.000 g/100ml

CM

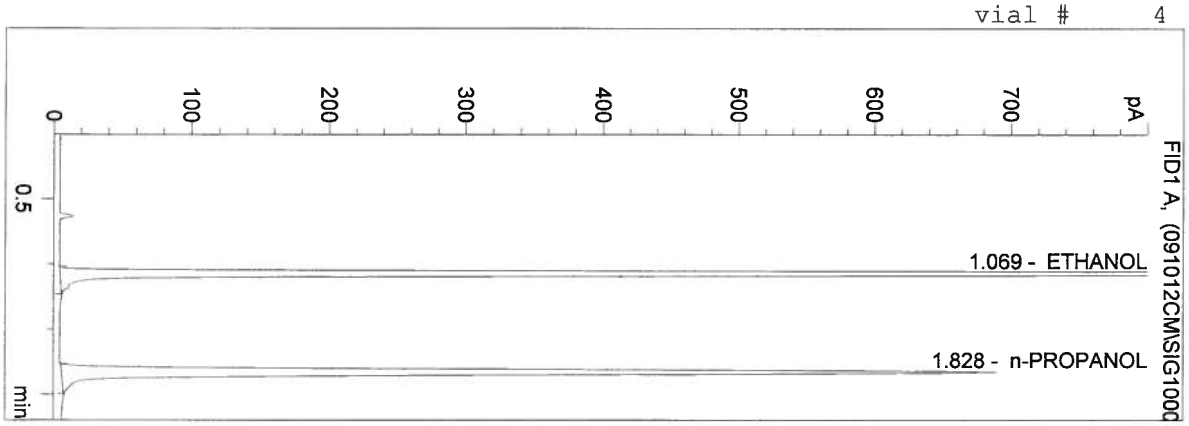
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:03:05 AM
Instrument 3
db-alc2

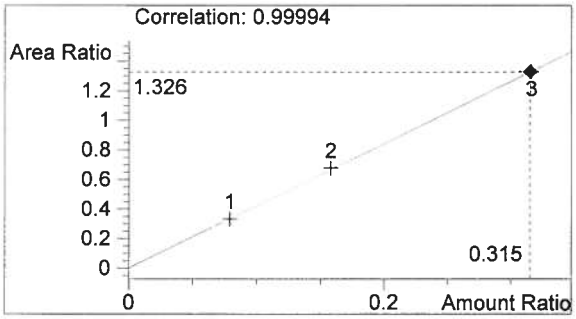
0.316 CAL 3
Christie Mitchell

vial # 4

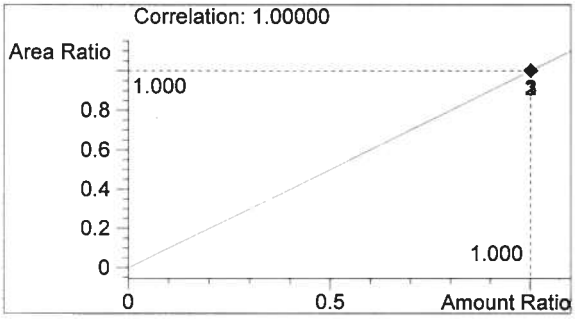


#	Compound	Area	RT
1	ETHANOL	2604	1.069
2	n-PROPANOL	1963	1.828

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

CM

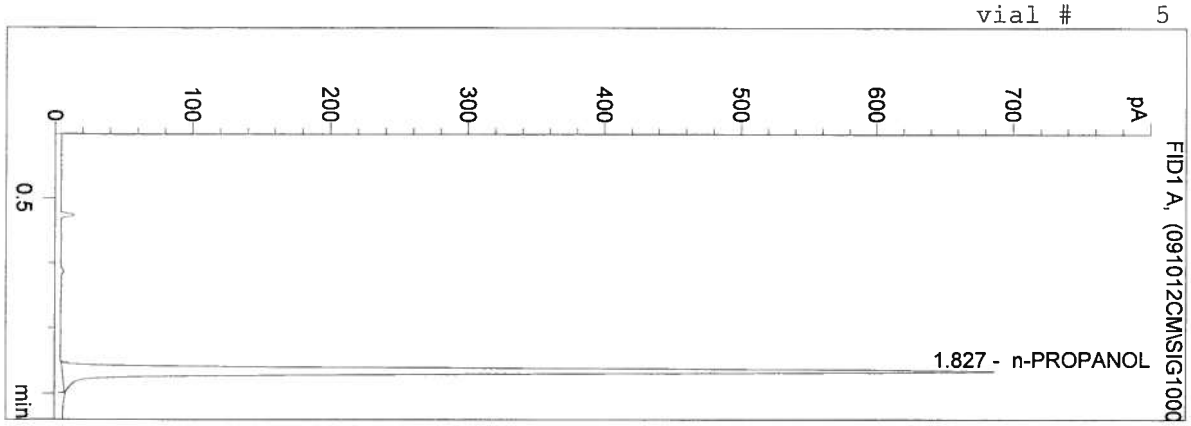
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:06:13 AM
Instrument 3
db-alc2

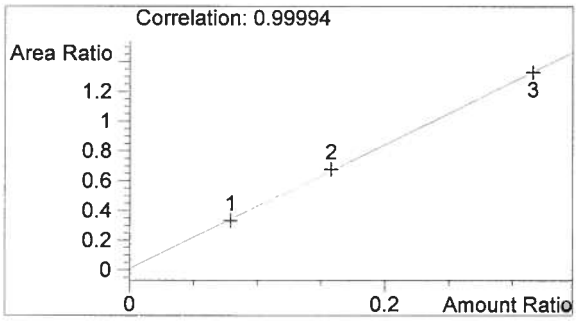
NEG CTRL-CM
Christie Mitchell

vial # 5

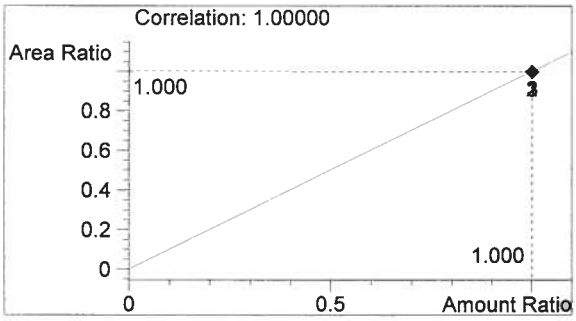


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1961	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

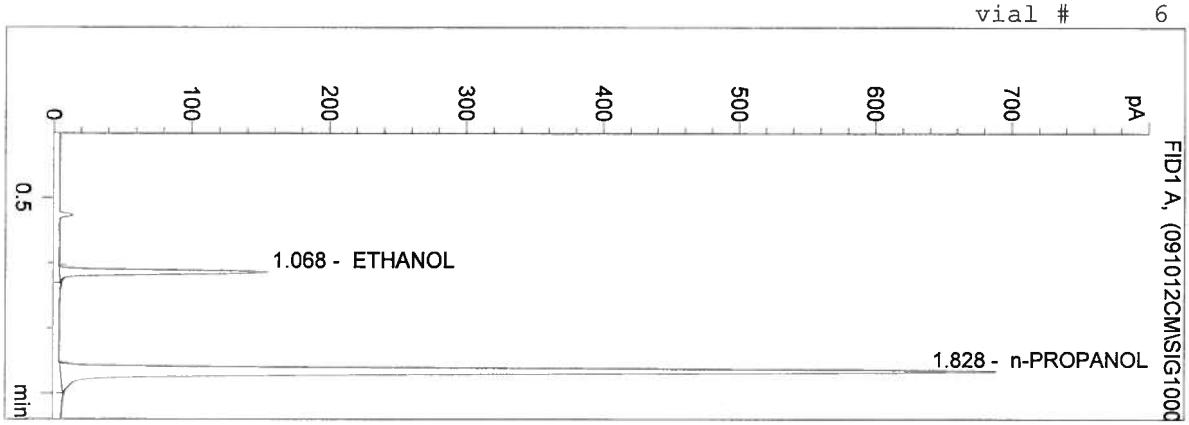
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:09:21 AM
Instrument 3
db-alc2

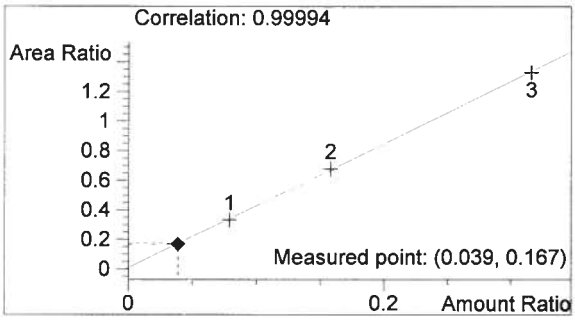
0.04 CTRL-CM
Christie Mitchell

vial # 6

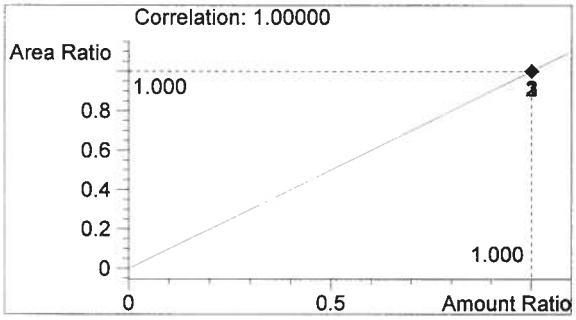


#	Compound	Area	RT
1	ETHANOL	328	1.068
2	n-PROPANOL	1963	1.828

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

CM

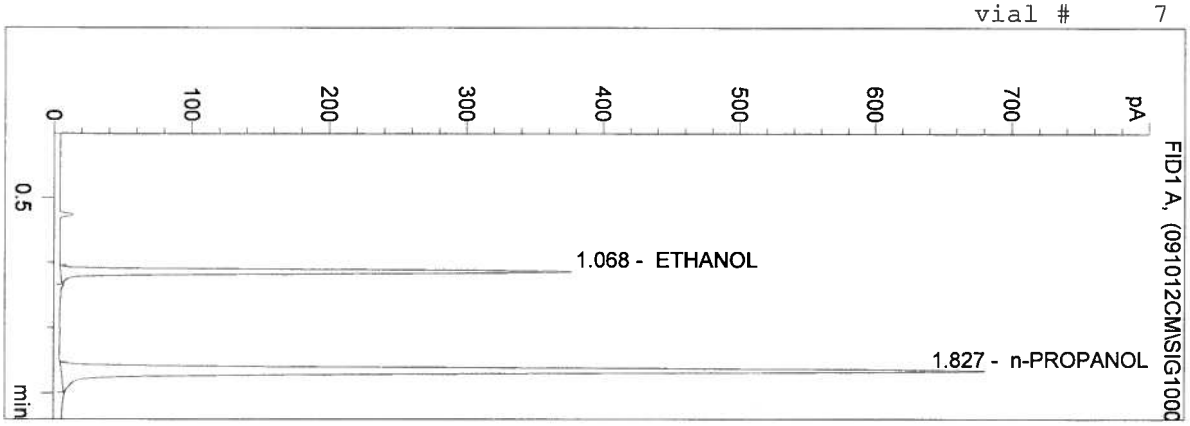
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

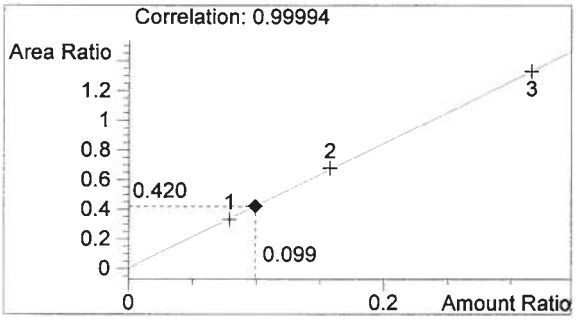
C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:12:29 AM
Instrument 3
db-alc2

0.10 CTRL-CM
Christie Mitchell

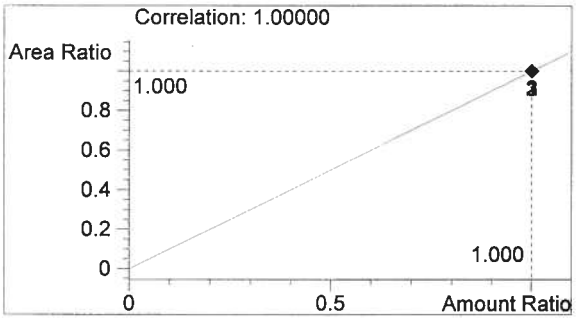
vial # 7



#	Compound	Area	RT
1	ETHANOL	817	1.068
2	n-PROPANOL	1946	1.827
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CM

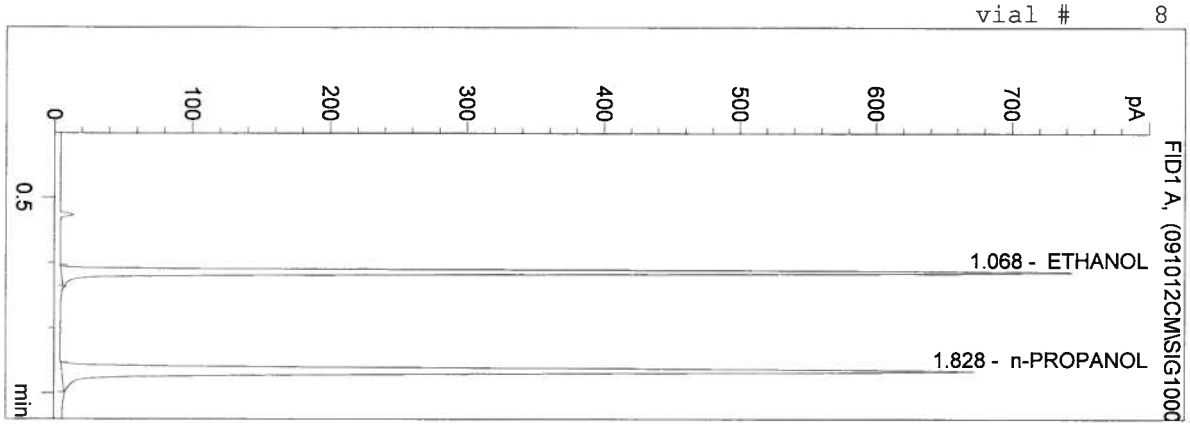
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:15:36 AM
Instrument 3
db-alc2

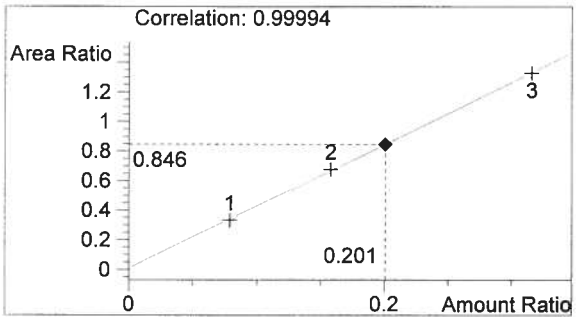
0.20 CTRL-CM
Christie Mitchell

vial # 8

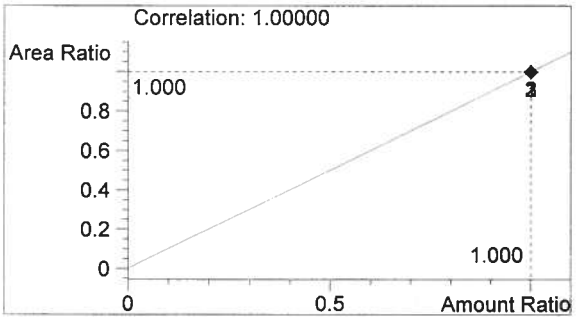


#	Compound	Area	RT
1	ETHANOL	1617	1.068
2	n-PROPANOL	1912	1.828

Totals:



ETHANOL 0.201 g/100ml



n-PROPANOL 1.000 g/100ml

CM

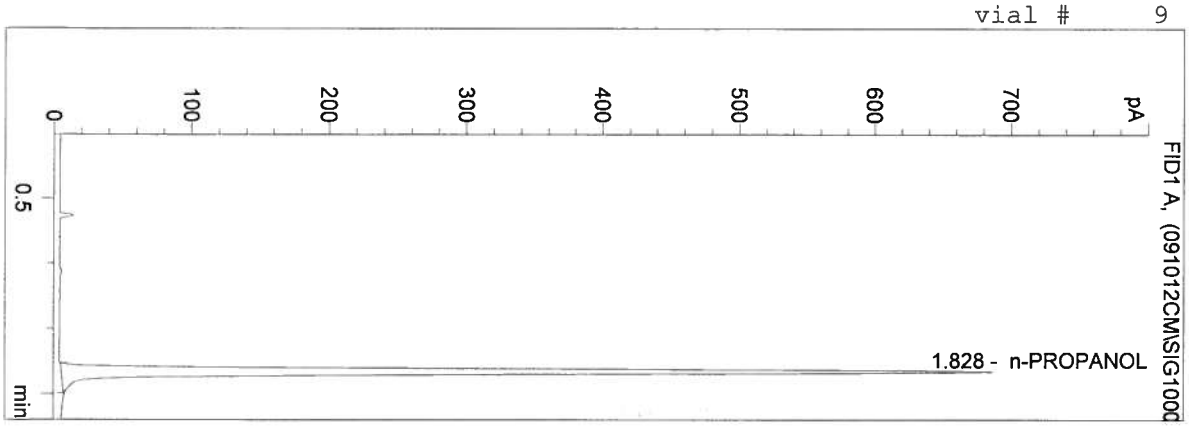
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:18:44 AM
Instrument 3
db-alc2

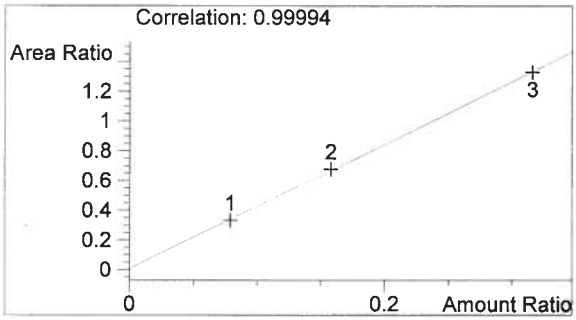
NEG CTRL-CM
Christie Mitchell

vial # 9

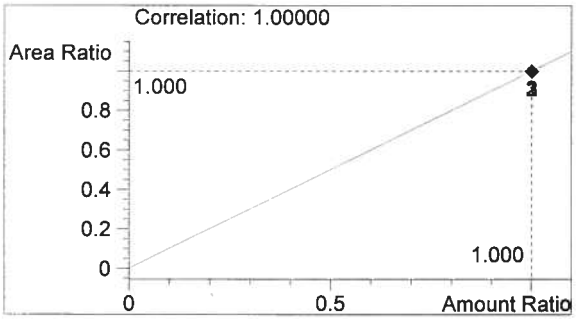


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1961	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

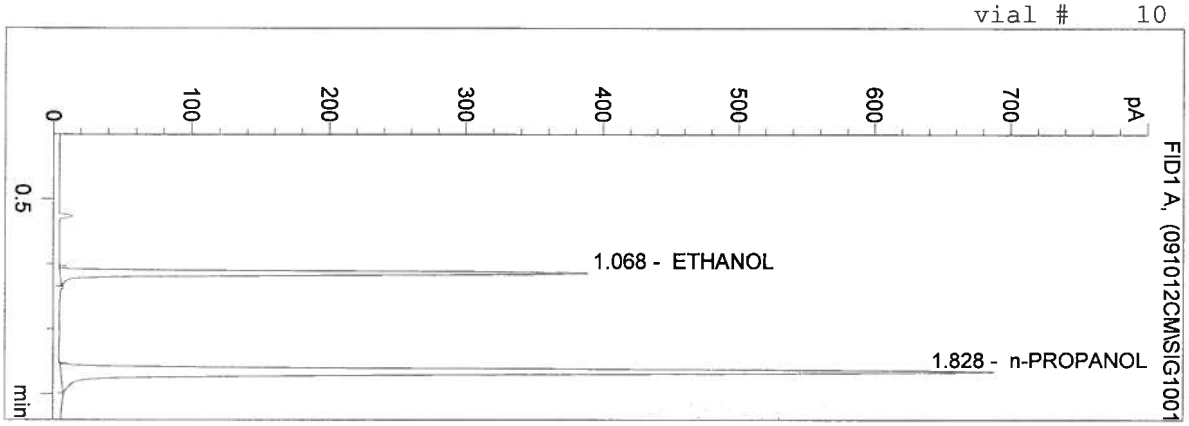
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:21:52 AM
Instrument 3
db-alc2

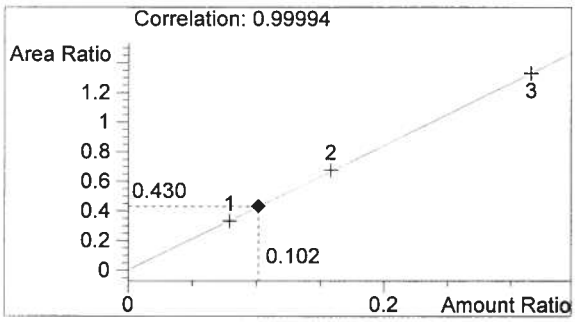
ESS 09049 #1
Christie Mitchell

vial # 10

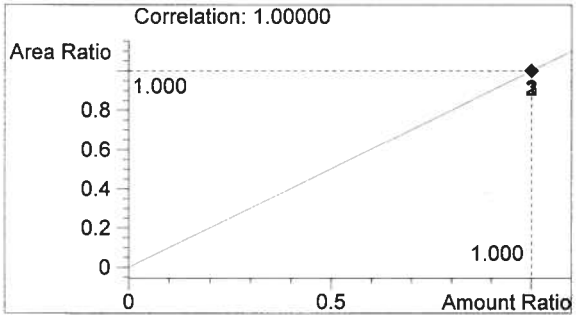


#	Compound	Area	RT
1	ETHANOL	844	1.068
2	n-PROPANOL	1963	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

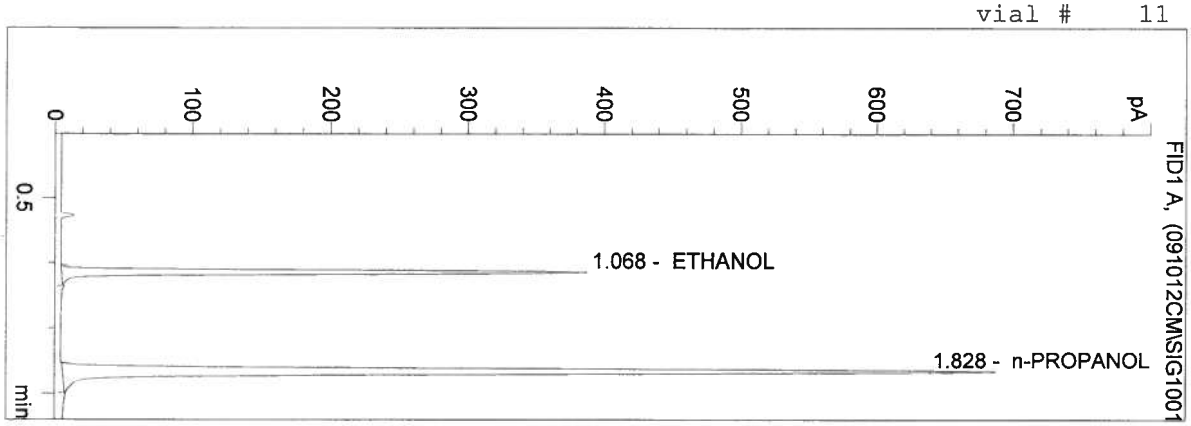
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:25:00 AM
Instrument 3
db-alc2

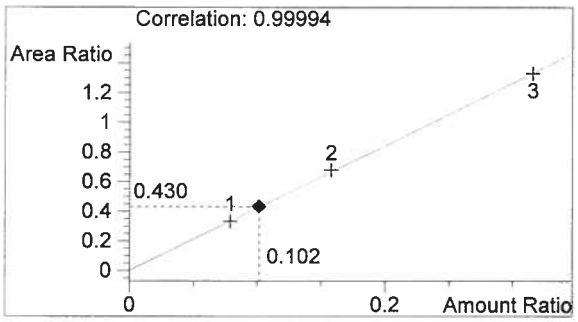
ESS 09049 #2
Christie Mitchell

vial # 11

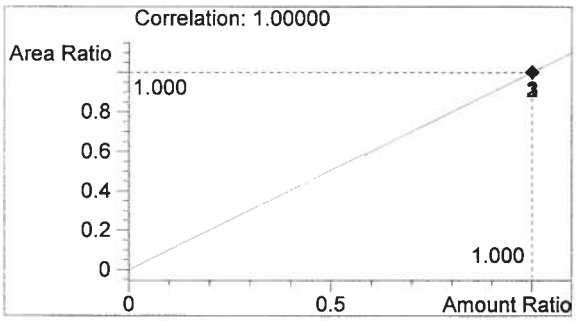


#	Compound	Area	RT
1	ETHANOL	843	1.068
2	n-PROPANOL	1960	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

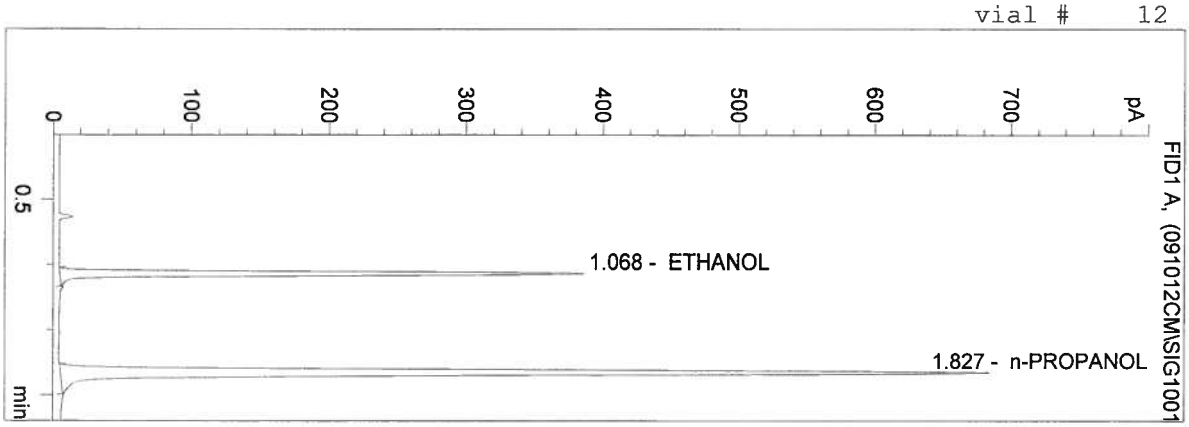
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:28:07 AM
Instrument 3
db-alc2

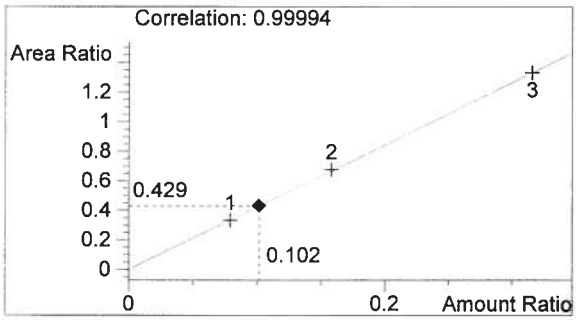
ESS 09049 #3
Christie Mitchell

vial # 12

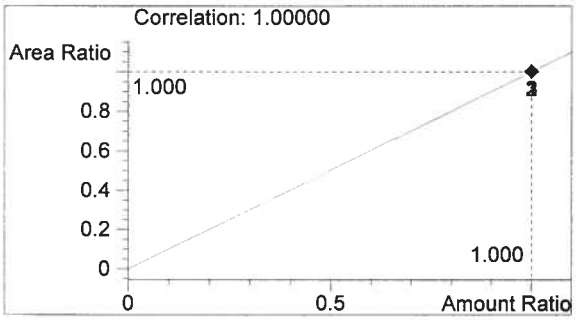


#	Compound	Area	RT
1	ETHANOL	840	1.068
2	n-PROPANOL	1957	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

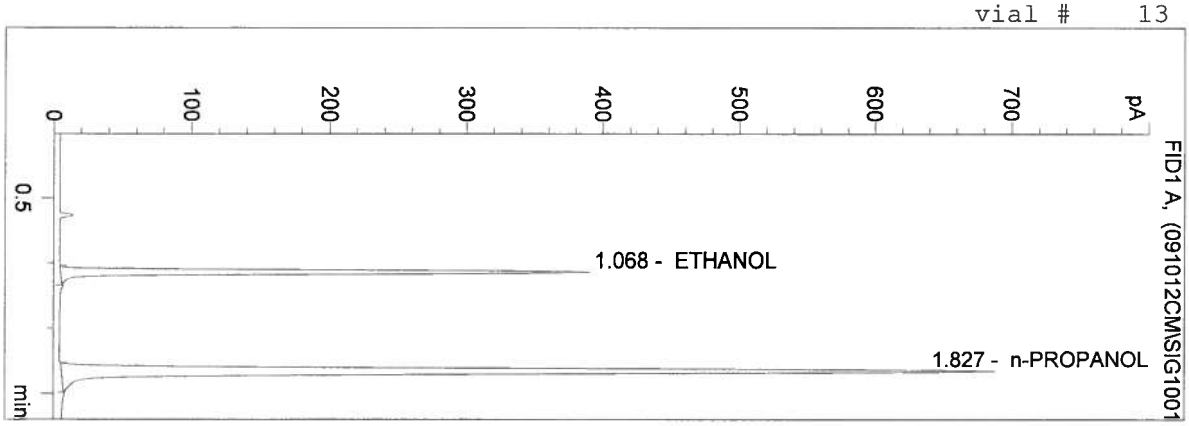
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:31:15 AM
Instrument 3
db-alc2

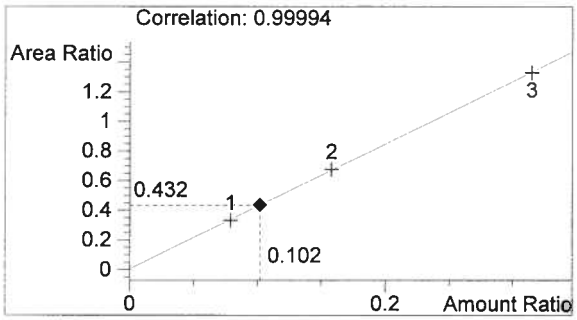
ESS 09049 #4
Christie Mitchell

vial # 13

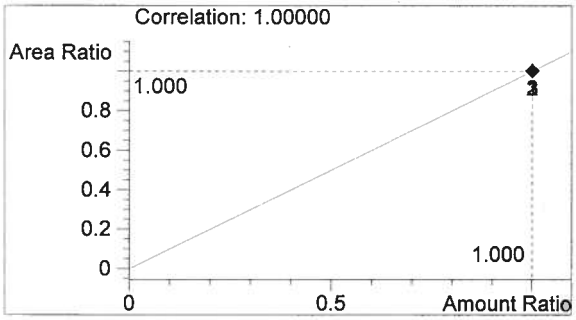


#	Compound	Area	RT
1	ETHANOL	844	1.068
2	n-PROPANOL	1956	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

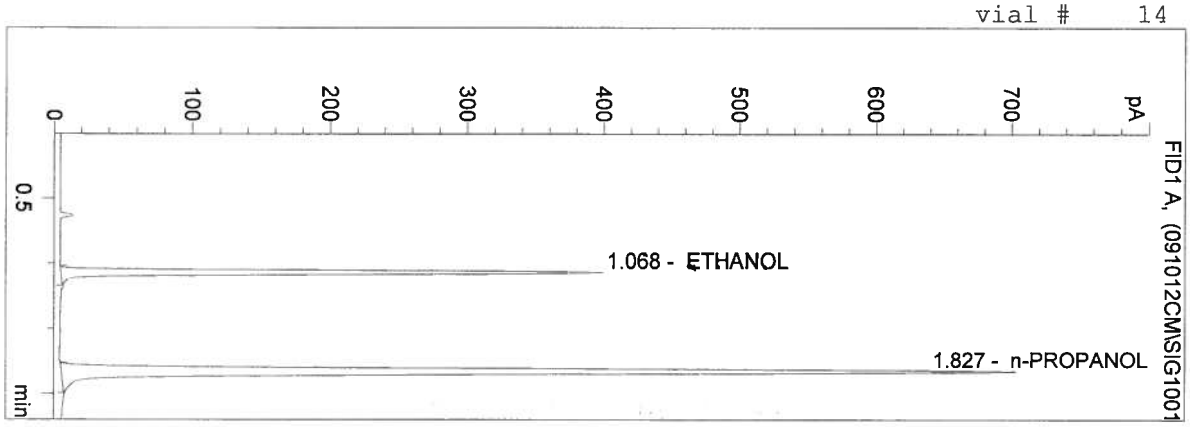
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:34:23 AM
Instrument 3
db-alc2

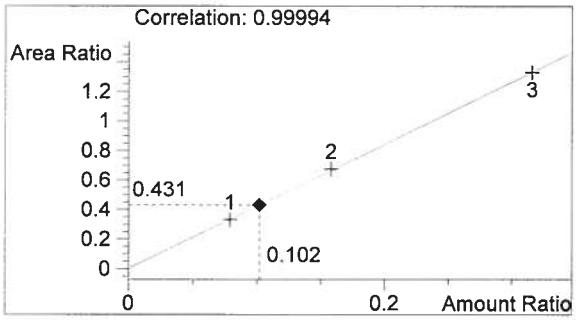
ESS 09049 #5
Christie Mitchell

vial # 14

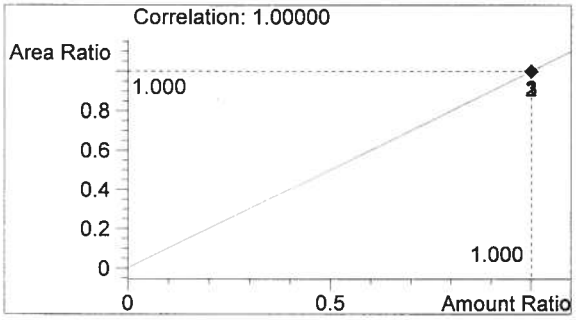


#	Compound	Area	RT
1	ETHANOL	867	1.068
2	n-PROPANOL	2010	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

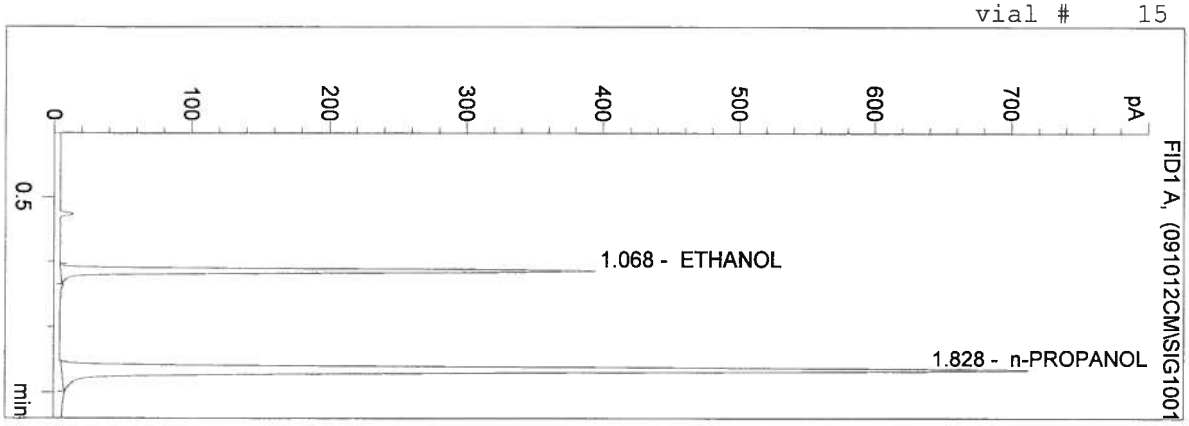
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:37:30 AM
Instrument 3
db-alc2

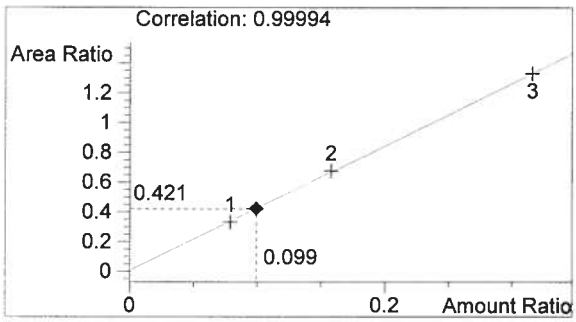
0.10 CTRL-CM
Christie Mitchell

vial # 15

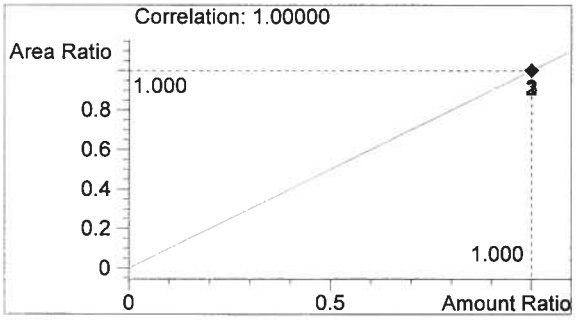


#	Compound	Area	RT
1	ETHANOL	854	1.068
2	n-PROPANOL	2030	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CM

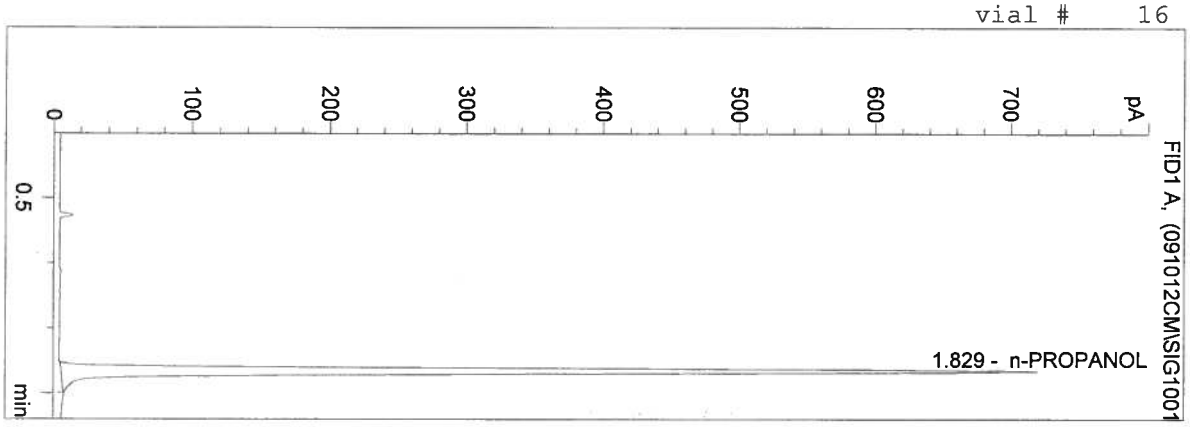
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/12/2009 11:40:38 AM
Instrument 3
db-alc2

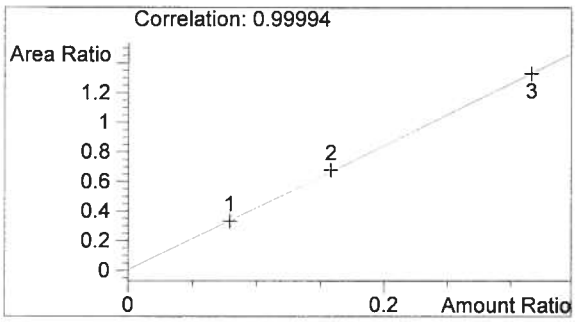
NEG CTRL-CM
Christie Mitchell

vial # 16

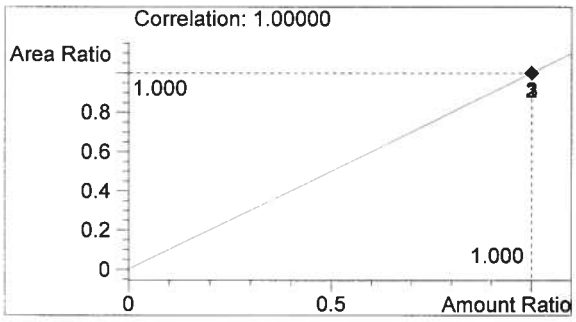


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2048	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

09049

Sequence Parameters:

Operator:	Chris ~~Johnsotn~~ Johnston CJ 10/21/09
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:	091014CJ
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	09049 #1 CJ	SIMALC	1	Sample		
11	Vial 11	09049 #2 CJ	SIMALC	1	Sample		
12	Vial 12	09049 #3 CJ	SIMALC	1	Sample		
13	Vial 13	09049 #4 CJ	SIMALC	1	Sample		
14	Vial 14	09049 #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	

CJ

Sequence Table (Back Injector):

09049

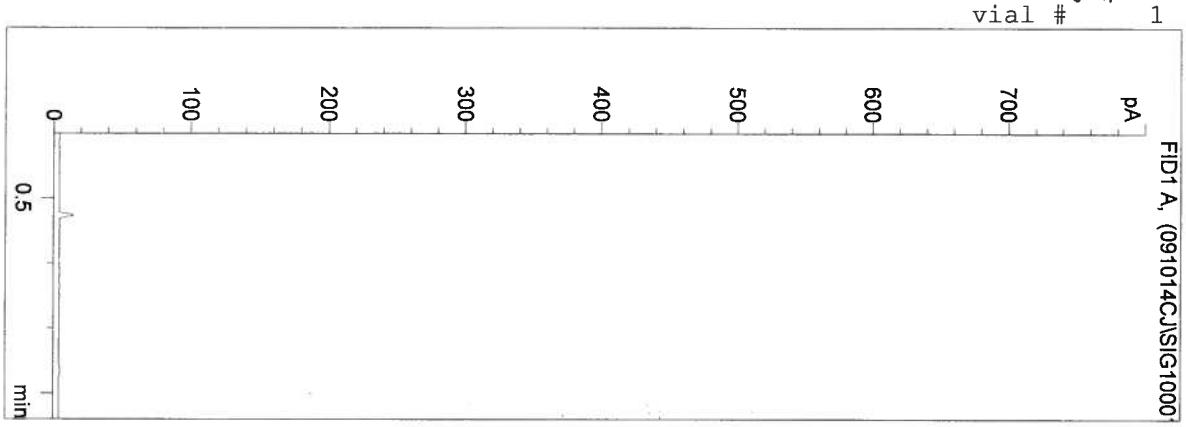
No entries - empty table!

CJ

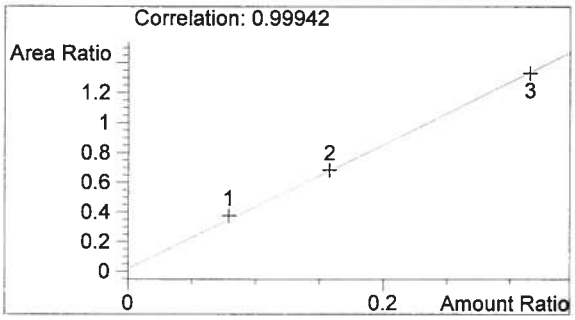
09049

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 10:35:27 AM
Instrument 3
db-alc2

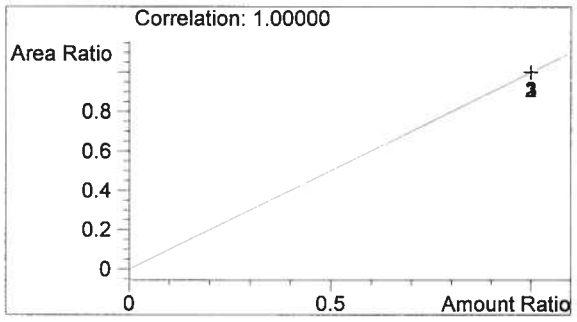
BLANK-CJ
Chris ~~Johnston~~ JOHNSTON CJ 10/21/09
vial # 1



#	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

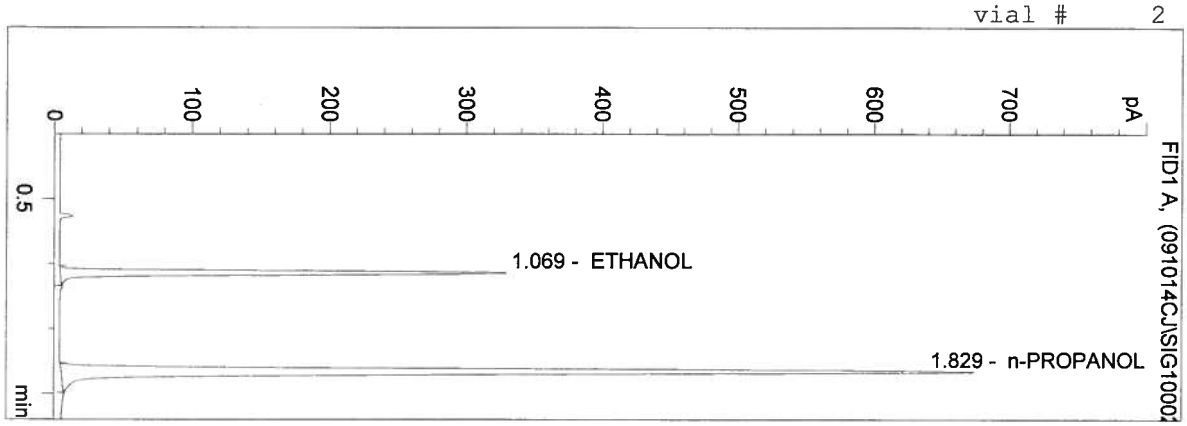
09049

a

WASHINGTON STATE TOXICOLOGY LABORATORY

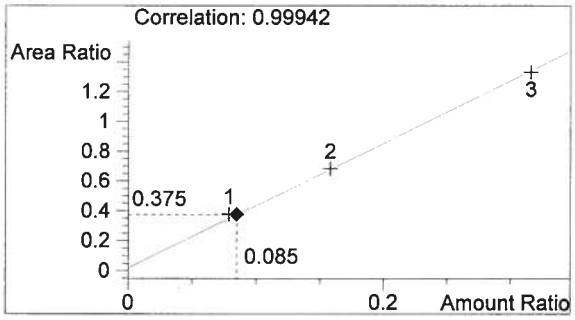
C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 10:38:35 AM
Instrument 3
db-alc2

0.079 CAL 1
Chris ~~Johnsotn~~ Johnston cv 10/21/09
vial # 2

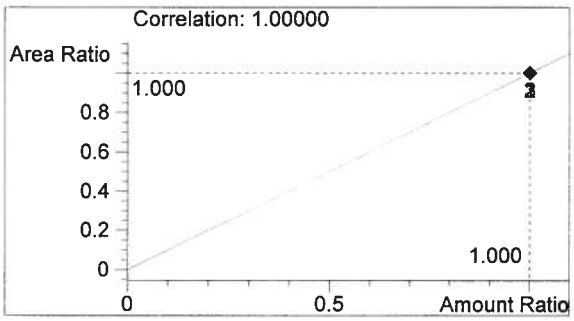


#	Compound	Area	RT
1	ETHANOL	717	1.069
2	n-PROPANOL	1912	1.829

Totals:



ETHANOL 0.085 g/100ml



n-PROPANOL 1.000 g/100ml

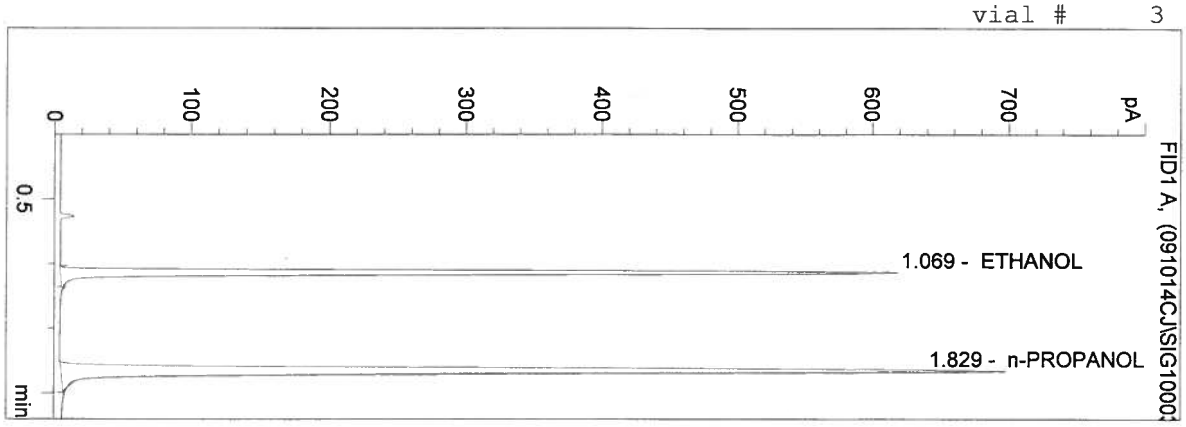
09049

CJ

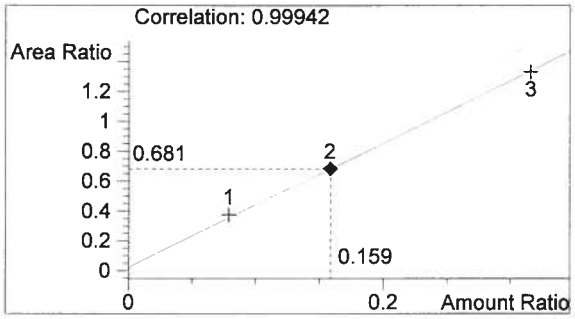
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 10:41:43 AM
Instrument 3
db-alc2

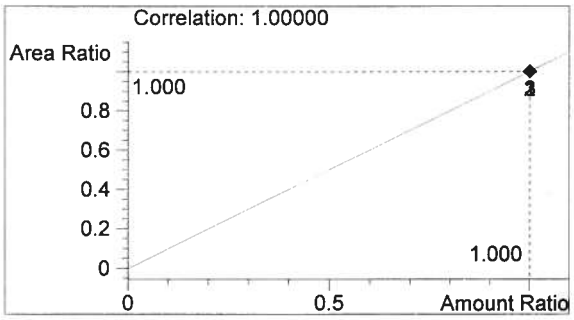
0.158 CAL 2
Chris ~~Johnsotn~~ Johnston CJ 6/21/09
vial # 3



#	Compound	Area	RT
1	ETHANOL	1351	1.069
2	n-PROPANOL	1982	1.829
Totals:			



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

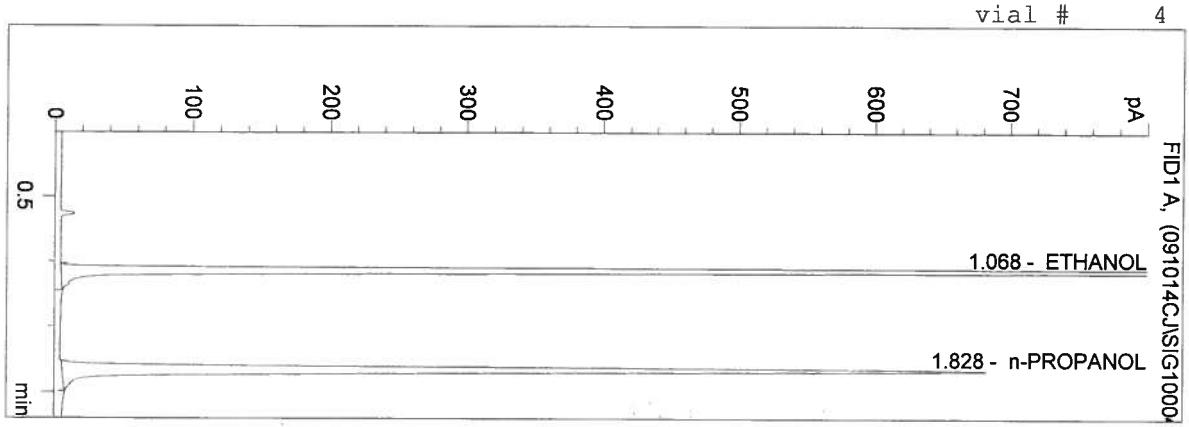
09049

a/

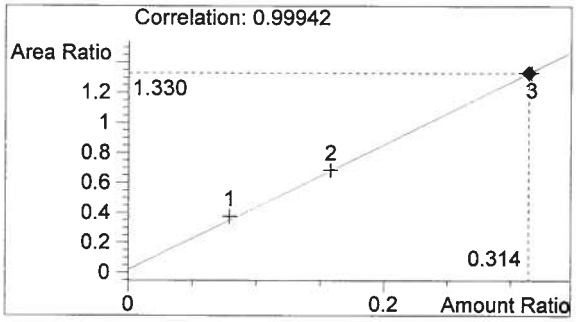
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 10:44:51 AM
Instrument 3
db-alc2

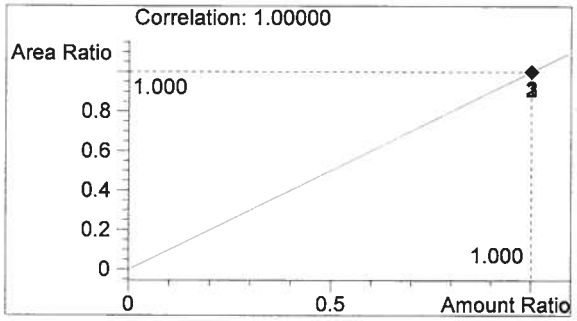
0.316 CAL 3
Chris ~~Johnsoth~~
Johnston CJ 10/21/09
vial # 4



#	Compound	Area	RT
1	ETHANOL	2583	1.068
2	n-PROPANOL	1942	1.828
Totals:			



ETHANOL 0.314 g/100ml



n-PROPANOL 1.000 g/100ml

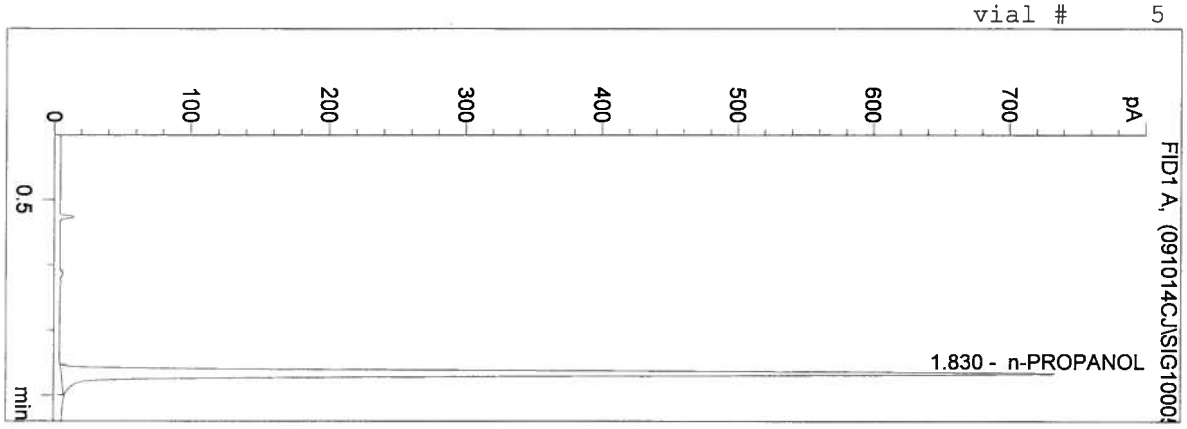
09049

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

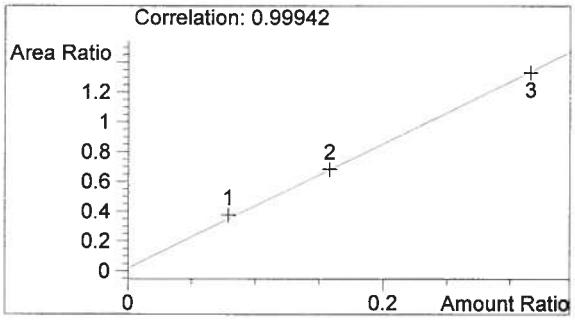
C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 10:47:59 AM
Instrument 3
db-alc2

NEG CTRL-CJ
Chris ~~Johnsoth~~ JOHNSTON CJ 10/21/09
vial # 5

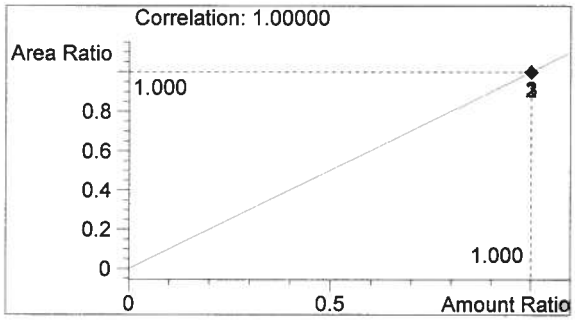


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2085	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

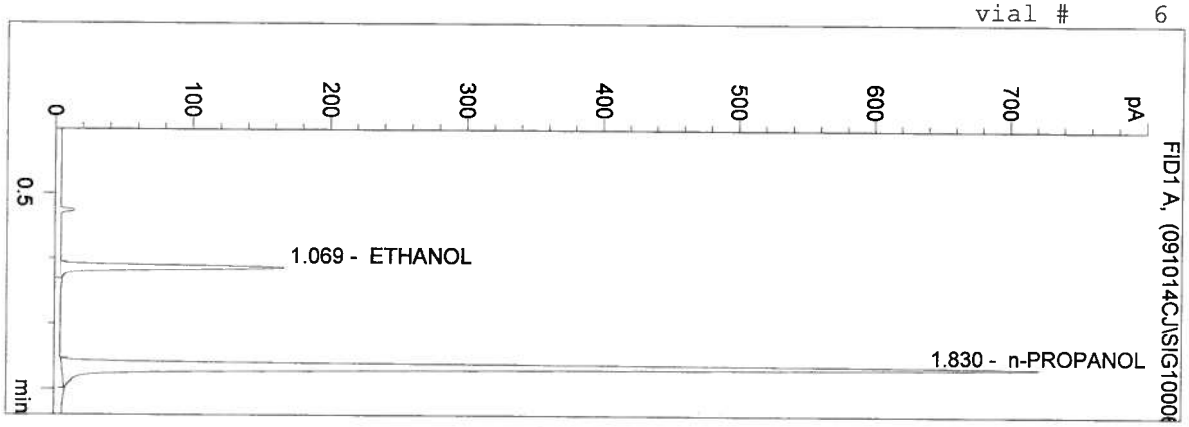
09049

CJ

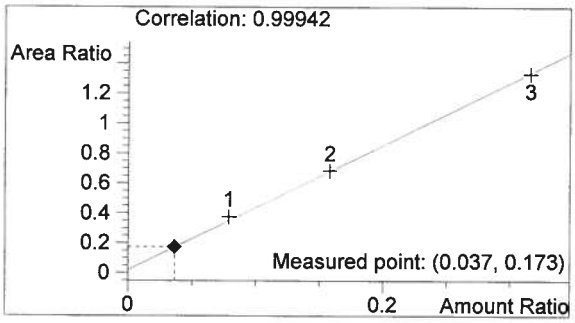
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 10:51:06 AM
Instrument 3
db-alc2

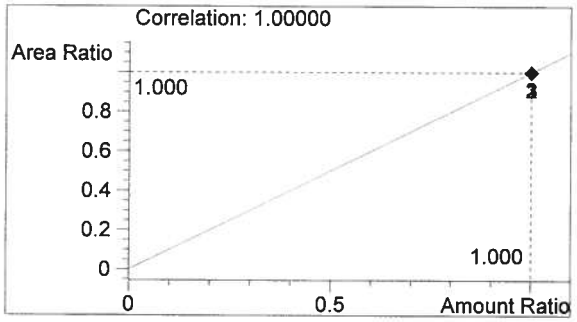
0.04 CTRL-CJ
Chris ~~Johnsoth~~ JOHNSTON CJ 10/21/09
vial # 6



#	Compound	Area	RT
1	ETHANOL	355	1.069
2	n-PROPANOL	2055	1.830
Totals:			



ETHANOL 0.037 g/100ml



n-PROPANOL 1.000 g/100ml

09049

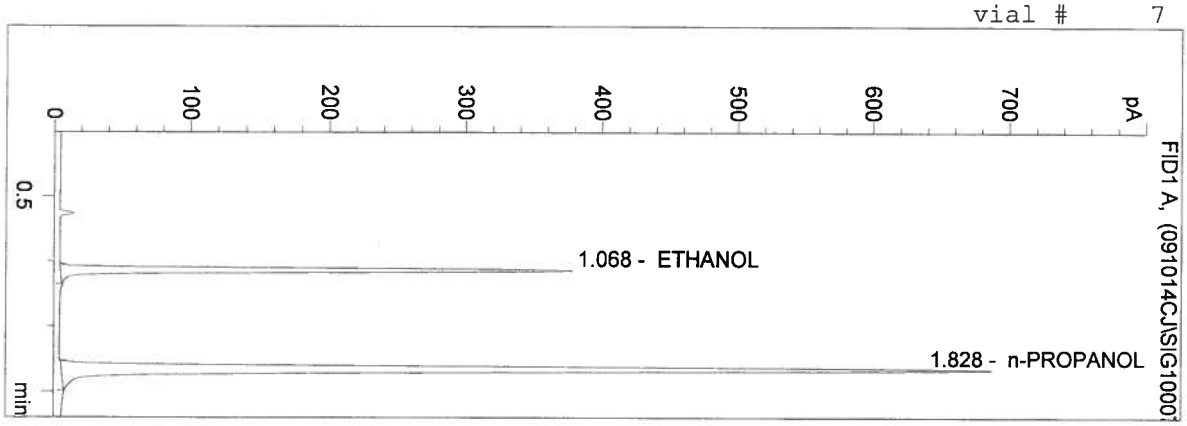
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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

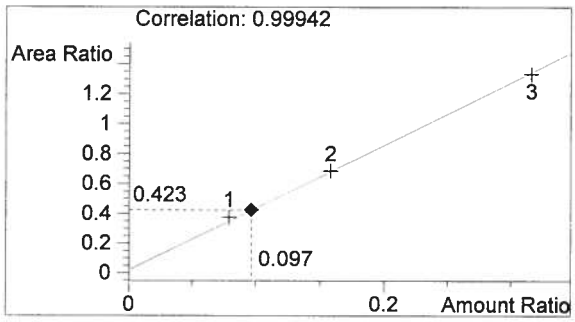
0.10 CTRL-CJ
Chris ~~Johnsoth~~ Johnston CJ 10/21/09

vial # 7

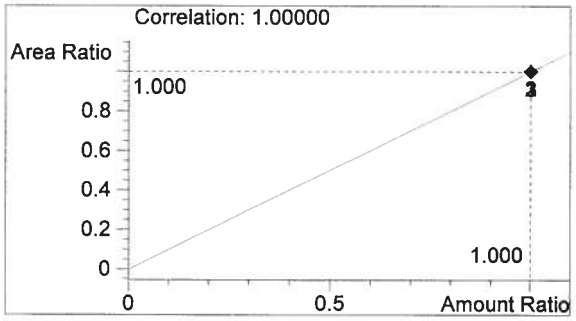


#	Compound	Area	RT
1	ETHANOL	829	1.068
2	n-PROPANOL	1961	1.828

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

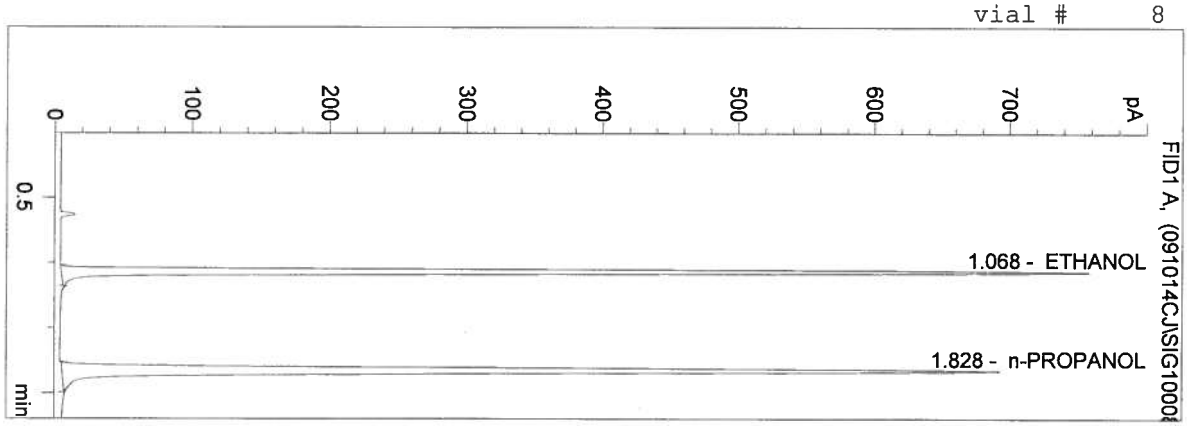
09049

a/

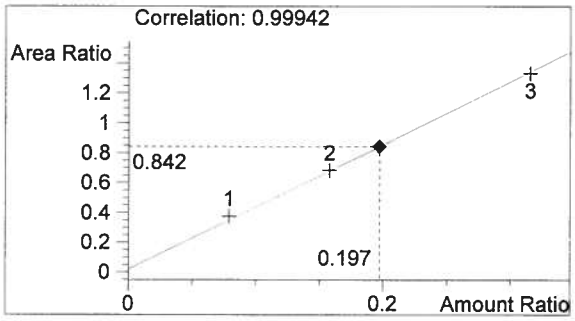
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 10:57:22 AM
Instrument 3
db-alc2

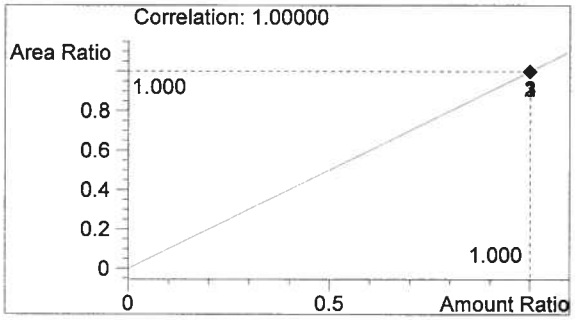
0.20 CTRL-CJ
Chris ~~Johnseth~~ Johnston CJ 10/21/09
vial # 8



#	Compound	Area	RT
1	ETHANOL	1665	1.068
2	n-PROPANOL	1978	1.828
Totals:			



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

cj

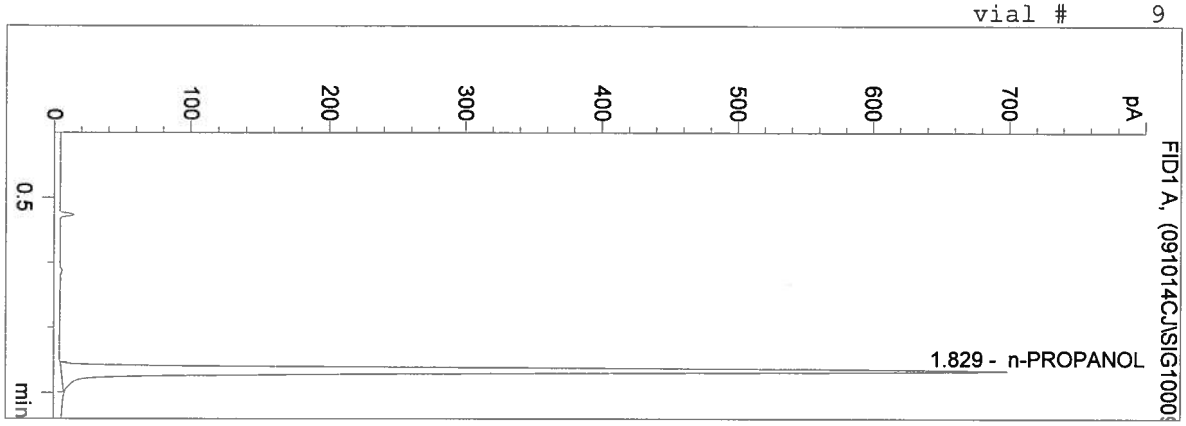
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 11:00:30 AM
Instrument 3
db-alc2

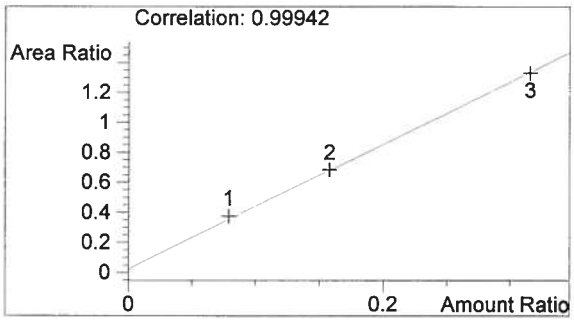
NEG CTRL-CJ
Chris ~~Johnsotn~~ JOHNSTON CJ 10/21/09

vial # 9

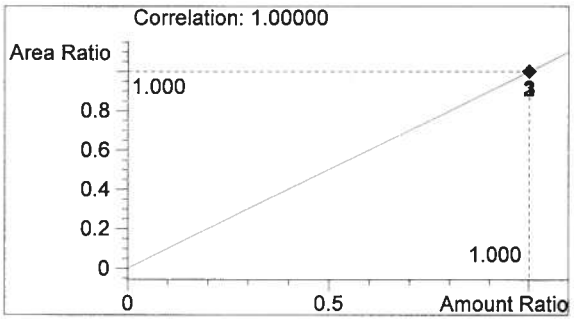


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1990	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

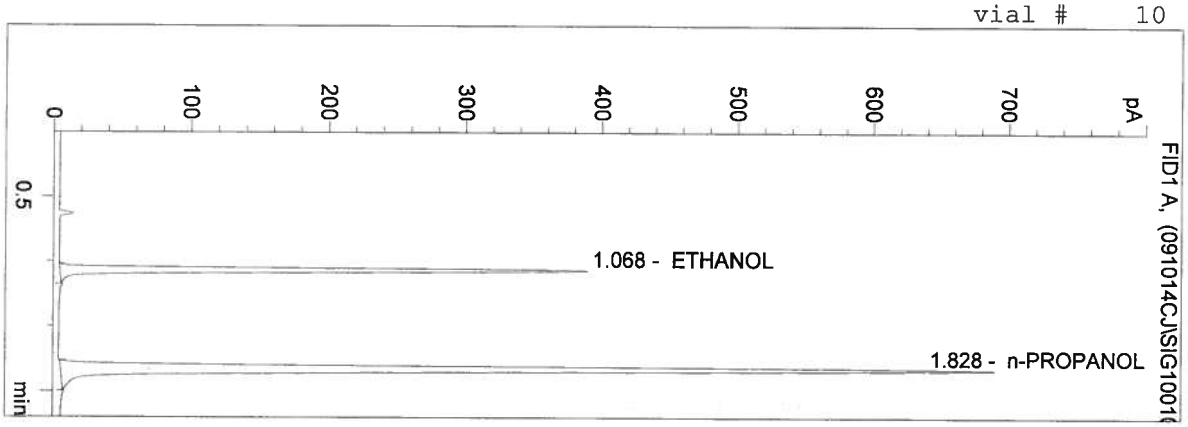
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 11:03:37 AM
Instrument 3
db-alc2

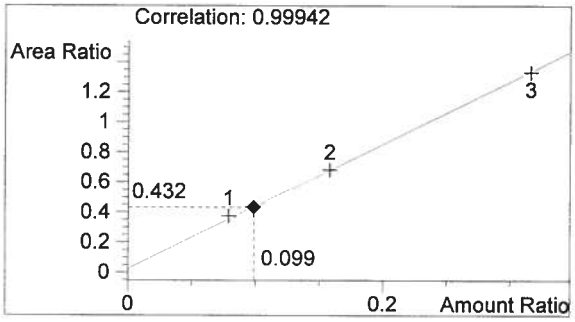
09049 #1 CJ
Chris ~~Johnsotn~~ Johnston
vial # 10

CJ 10/21/09

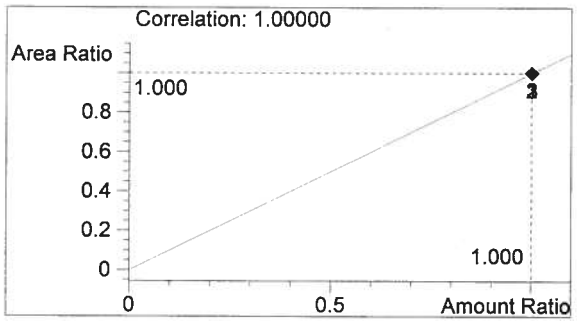


#	Compound	Area	RT
1	ETHANOL	849	1.068
2	n-PROPANOL	1965	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

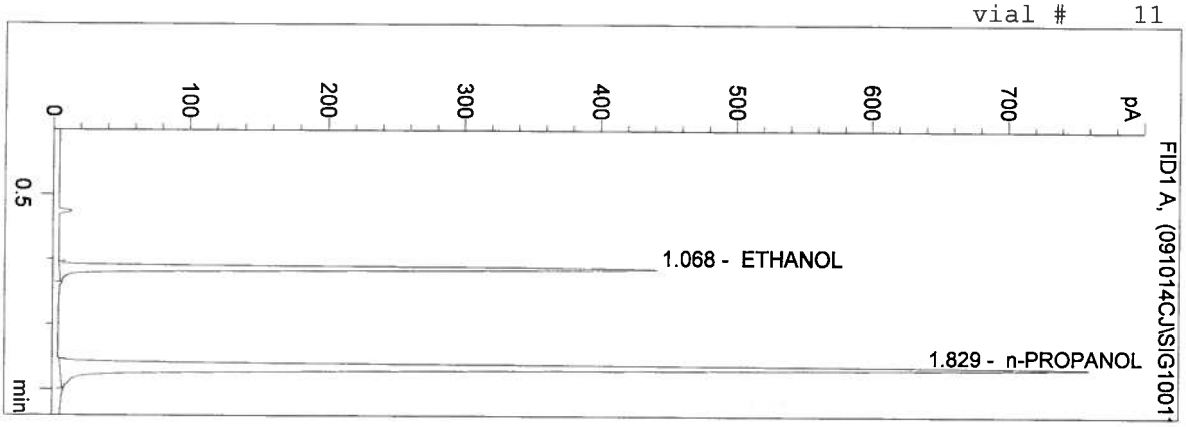
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

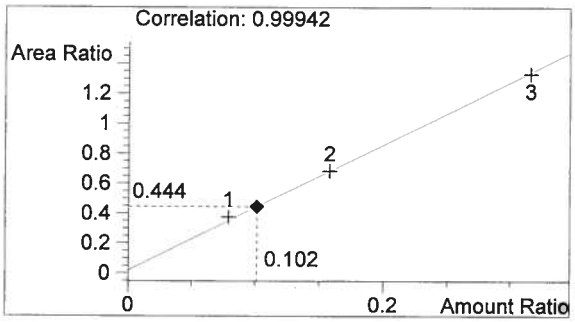
C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 11:06:45 AM
Instrument 3
db-alc2

09049 #2 CJ
Chris ~~Johnsoth~~ JOHNSTON
vial # 11

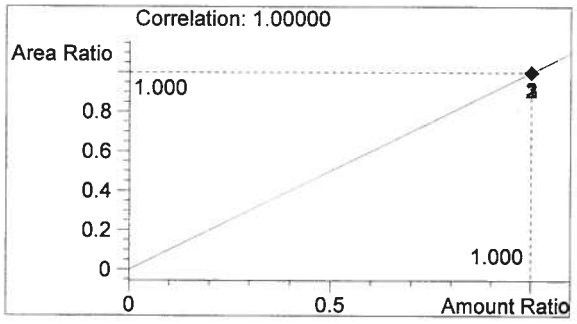
CJ 10/21/09



#	Compound	Area	RT
1	ETHANOL	958	1.068
2	n-PROPANOL	2158	1.829
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

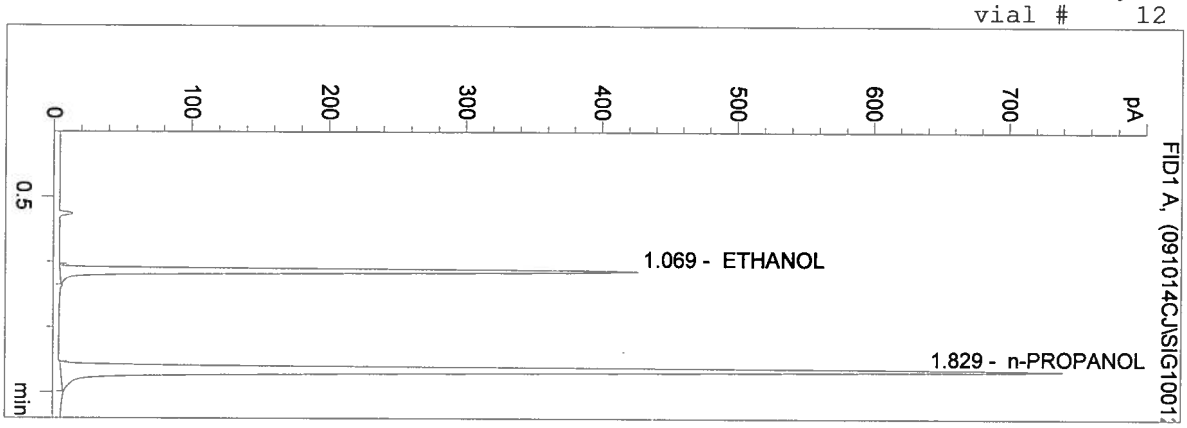
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

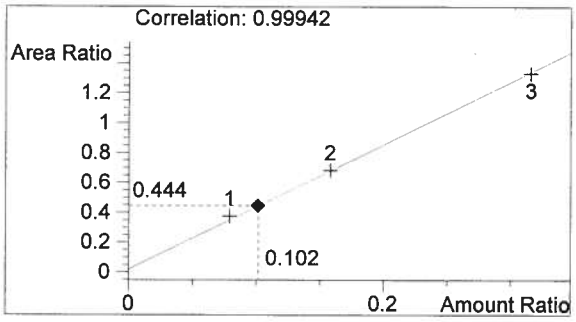
C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 11:09:53 AM
Instrument 3
db-alc2

09049 #3 CJ
Chris ~~Johnsotn~~ Johnston
vial # 12

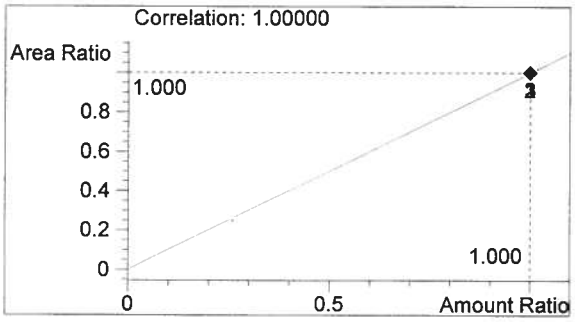
CJ 10/28/09



#	Compound	Area	RT
1	ETHANOL	932	1.069
2	n-PROPANOL	2101	1.829
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

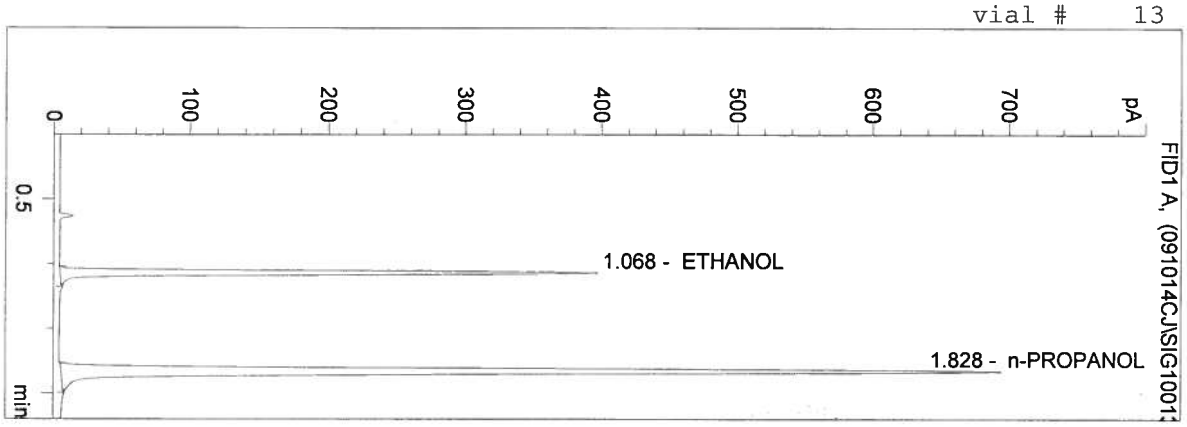
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

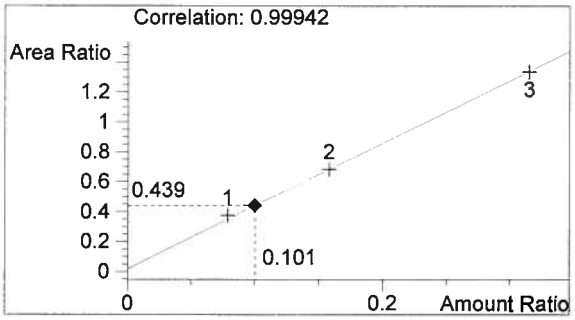
C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 11:13:01 AM
Instrument 3
db-alc2

09049 #4 CJ
Chris ~~Johnsotn~~ JOHNSTON
vial # 13

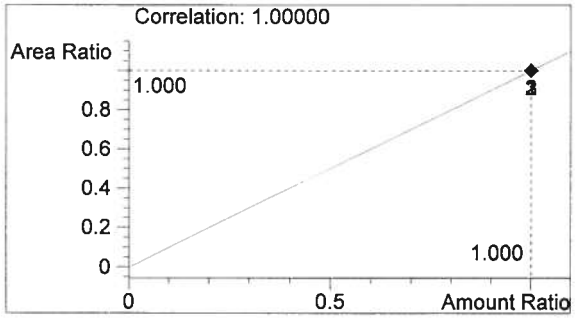
CJ 10/21/09



#	Compound	Area	RT
1	ETHANOL	866	1.068
2	n-PROPANOL	1972	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

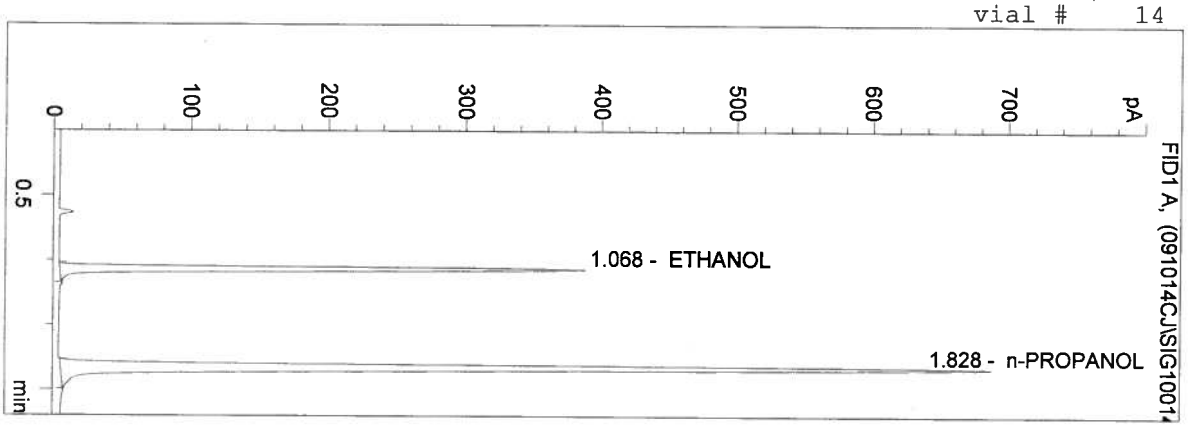
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 11:16:09 AM
Instrument 3
db-alc2

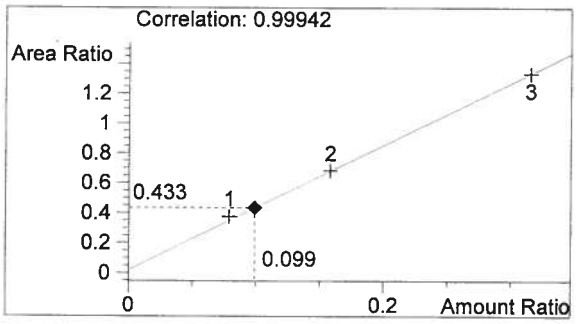
09049 #5 CJ
Chris ~~Johnsoth~~ Johnston
vial # 14

CJ 10/21/09

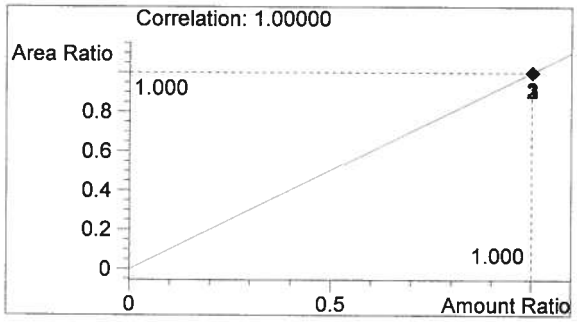


#	Compound	Area	RT
1	ETHANOL	849	1.068
2	n-PROPANOL	1961	1.828

Totals:



ETHANOL 0.099 g/100ml

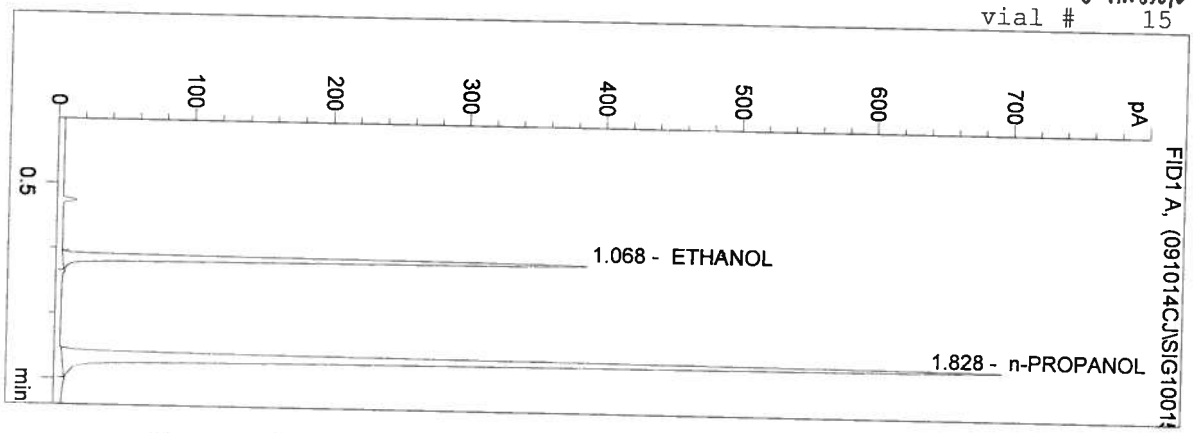


n-PROPANOL 1.000 g/100ml

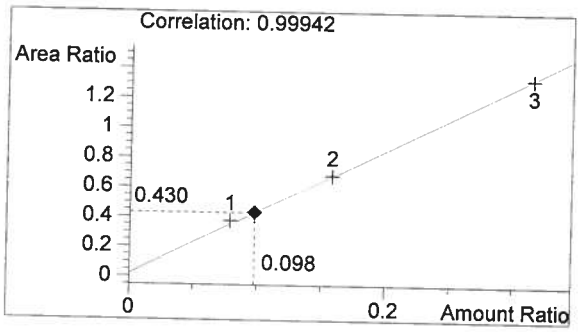
CJ

C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 11:19:16 AM
Instrument 3
db-alc2

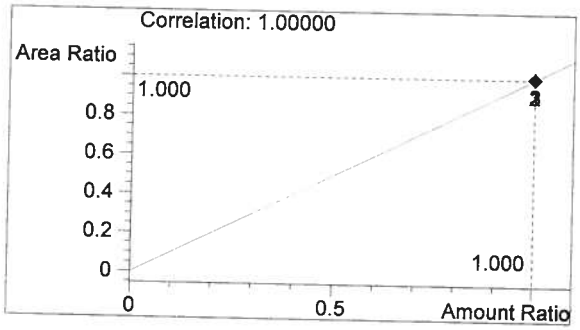
0.10 CTRL-CJ
Chris ~~Johnsotn~~ Johnston CJ 10/21/09
vial # 15



#	Compound	Area	RT
1	ETHANOL	848	1.068
2	n-PROPANOL	1973	1.828
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

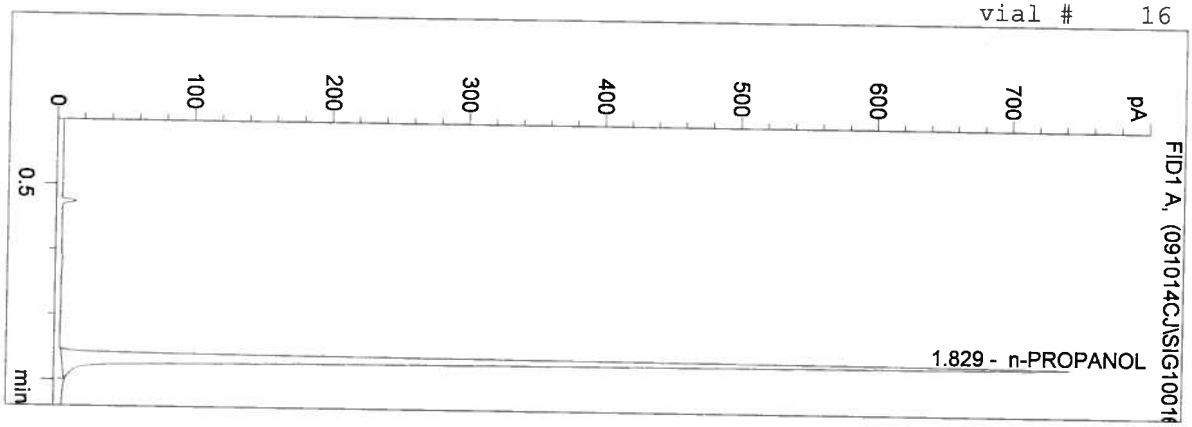
CJ

09049

WASHINGTON STATE TOXICOLOGY LABORATORY

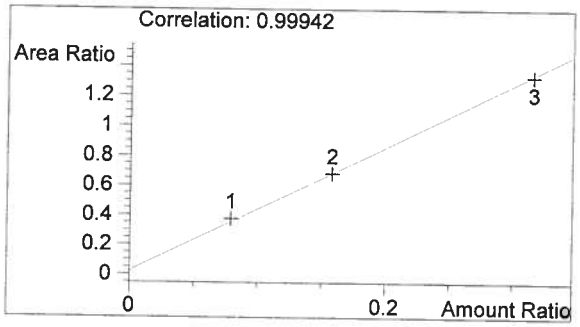
C:\HPCHEM\2\METHODS\SIMALC.M
10/14/2009 11:22:24 AM
Instrument 3
db-alc2

NEG CTRL-CJ
Chris ~~Johnsotn~~ JOHNSTON CJ 10/21/09
vial # 16

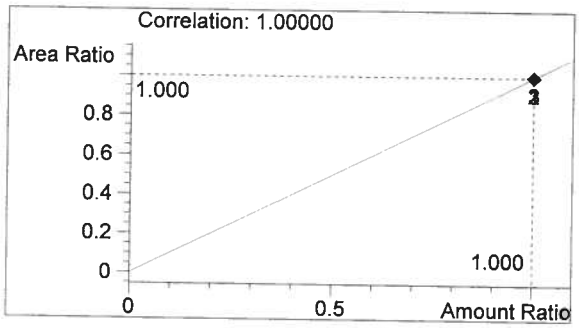


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2116	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

09049

Sequence Parameters:

Operator:	Amanda Black
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:	091015AB
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 - AB	SIMALC	1	Sample		
2	Vial 2	0.079 CAL-1 AB	SIMALC	1	Calib		
3	Vial 3	0.158 CAL-2 AB	SIMALC	1	Calib		
4	Vial 4	0.316 CAL-3 AB	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-AB	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-AB	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-AB	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-AB	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-AB	SIMALC	1	Ctrl Samp		
10	Vial 10	Ext Std 09049 #1	SIMALC	1	Sample		
11	Vial 11	Ext Std 09049 #2	SIMALC	1	Sample		
12	Vial 12	Ext Std 09049 #3	SIMALC	1	Sample		
13	Vial 13	Ext Std 09049 #4	SIMALC	1	Sample		
14	Vial 14	Ext Std 09049 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-AB	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-AB	SIMALC	1	Ctrl Samp		

Calibration Part:

AB

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

= 09049

Sequence Table (Back Injector):

No entries - empty table!

AB

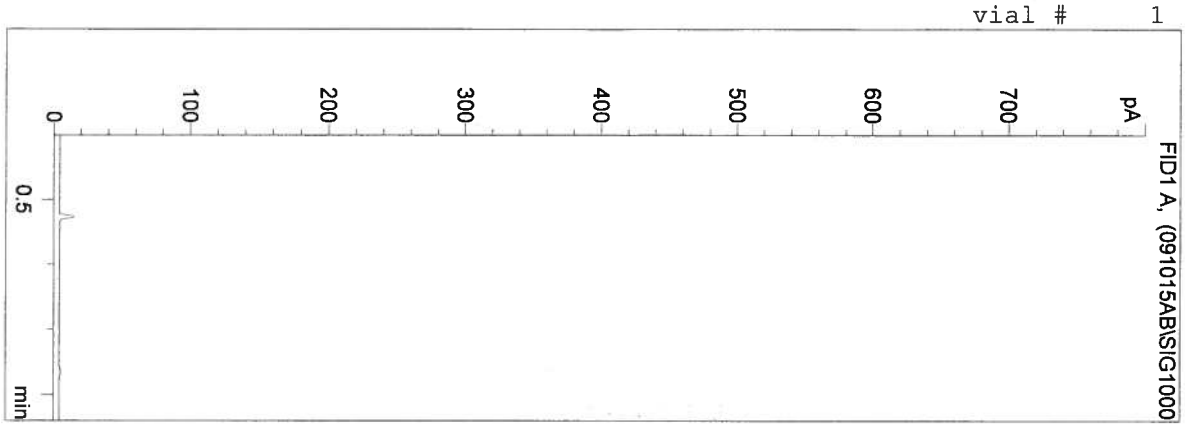
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 7:58:43 AM
Instrument 3
db-alc2

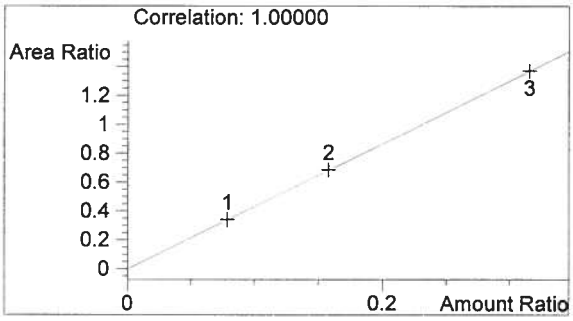
BLANK - AB
Amanda Black

vial # 1

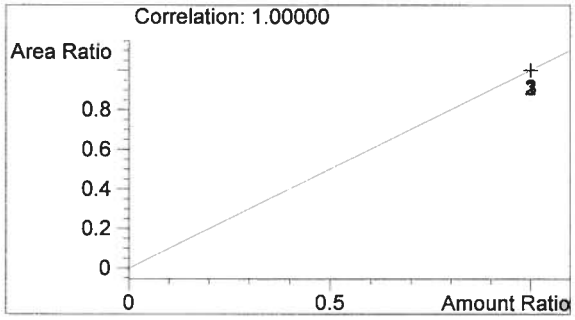


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

AB

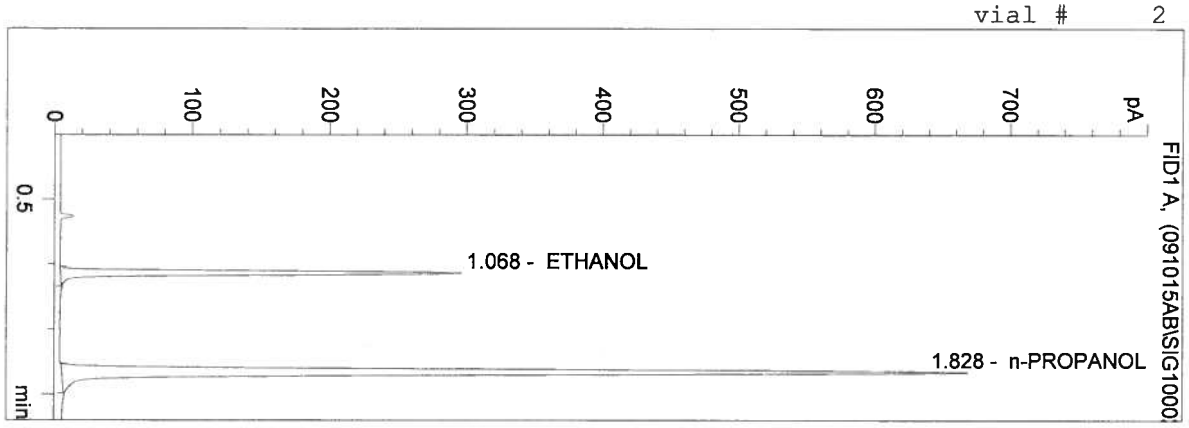
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:01:51 AM
Instrument 3
db-alc2

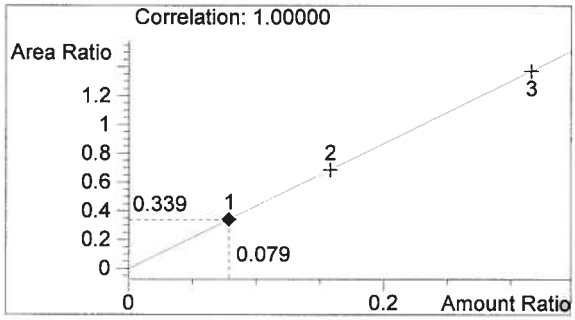
0.079 CAL-1 AB
Amanda Black

vial # 2

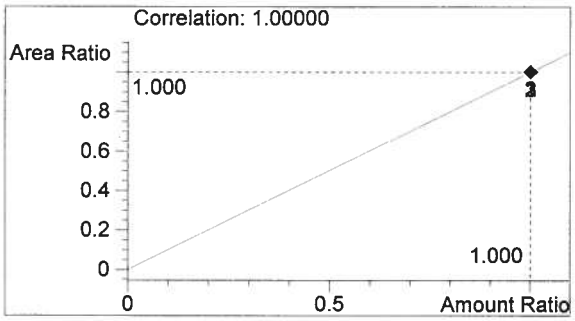


#	Compound	Area	RT
1	ETHANOL	647	1.068
2	n-PROPANOL	1911	1.828

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

OB

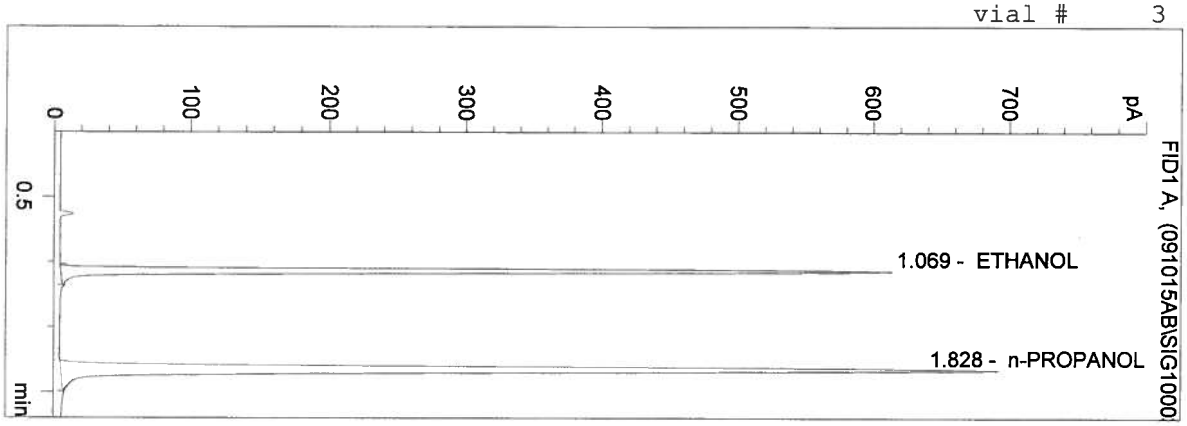
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:04:59 AM
Instrument 3
db-alc2

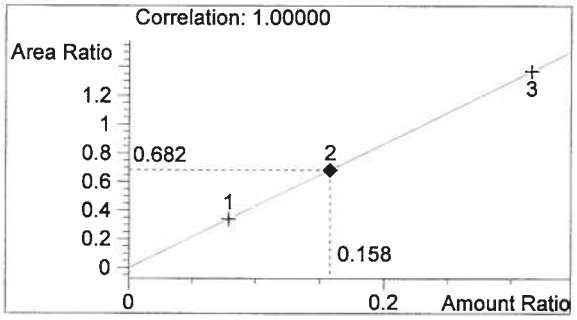
0.158 CAL-2 AB
Amanda Black

vial # 3

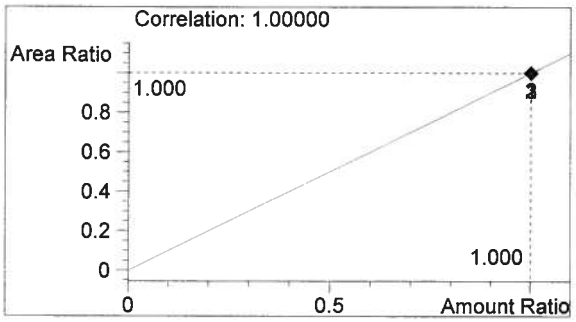


#	Compound	Area	RT
1	ETHANOL	1350	1.069
2	n-PROPANOL	1978	1.828

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

03

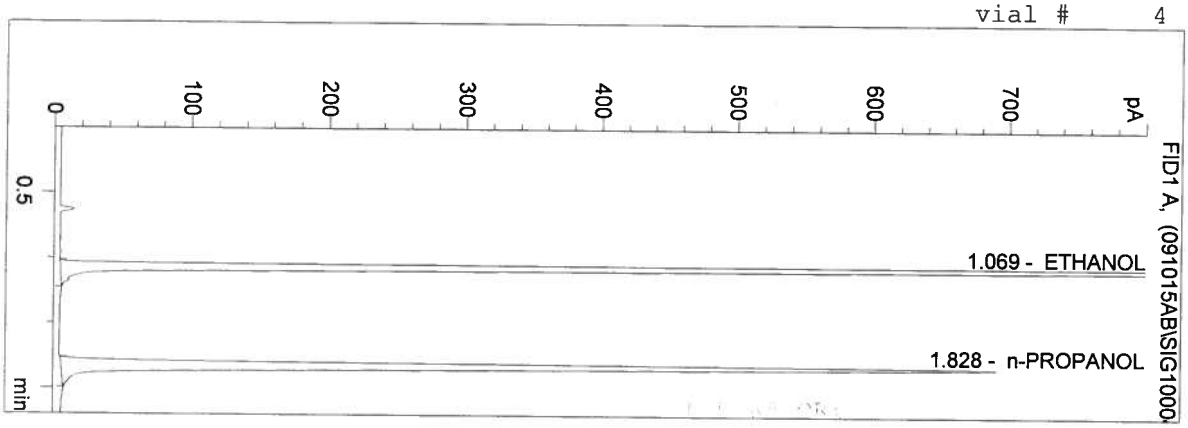
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:08:07 AM
Instrument 3
db-alc2

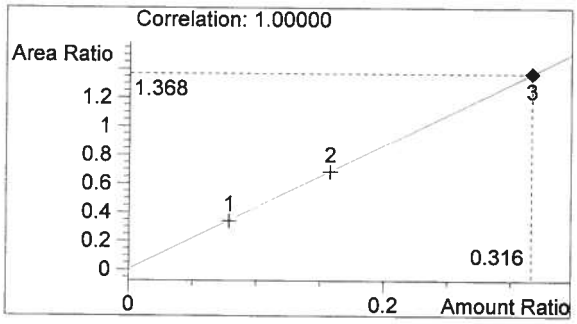
0.316 CAL-3 AB
Amanda Black

vial # 4

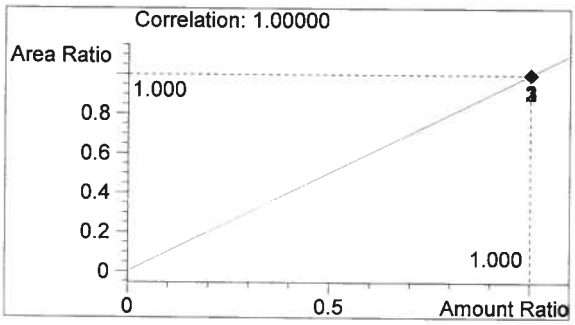


#	Compound	Area	RT
1	ETHANOL	2700	1.069
2	n-PROPANOL	1974	1.828

Totals:



ETHANOL 0.316 g/100ml



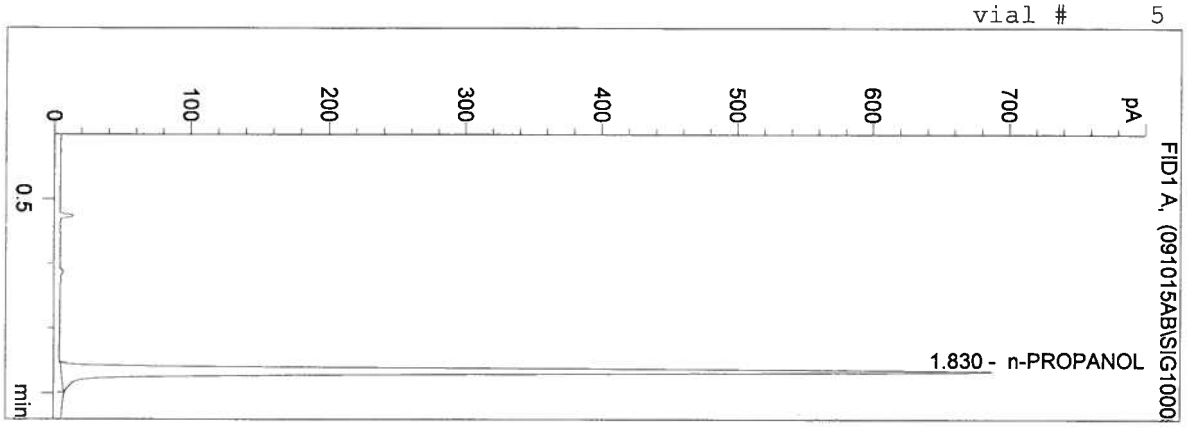
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

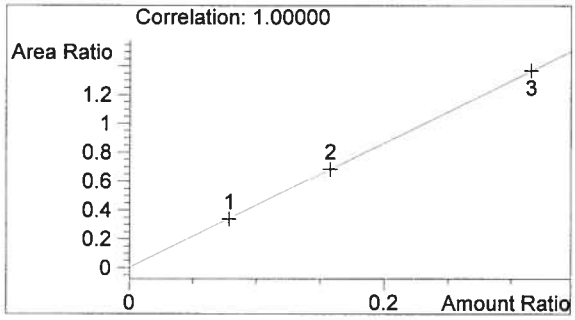
C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:11:14 AM
Instrument 3
db-alc2

NEG CONTROL-AB
Amanda Black

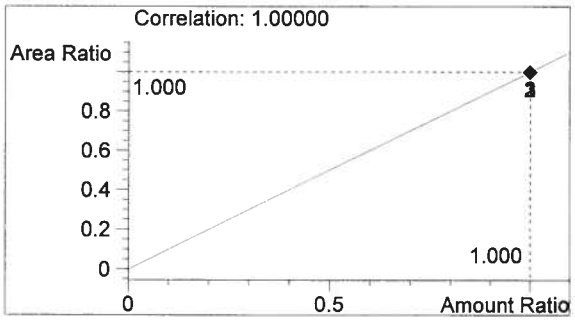
vial # 5



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1967	1.830
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

AB

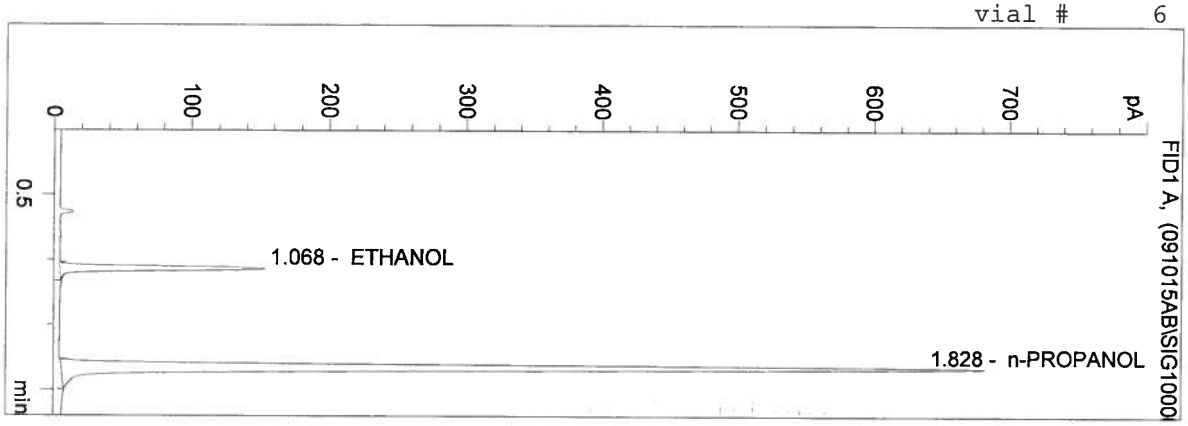
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:14:22 AM
Instrument 3
db-alc2

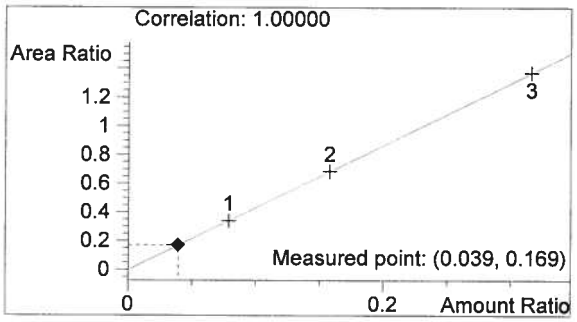
0.04 CONTROL-AB
Amanda Black

vial # 6

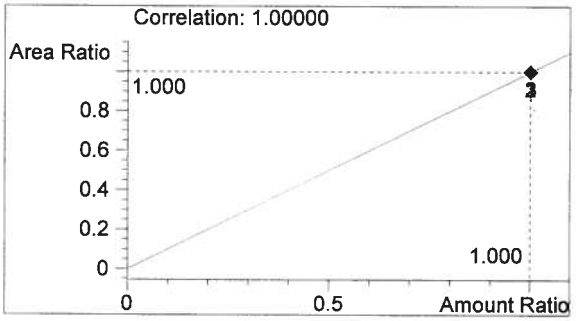


#	Compound	Area	RT
1	ETHANOL	332	1.068
2	n-PROPANOL	1960	1.828

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

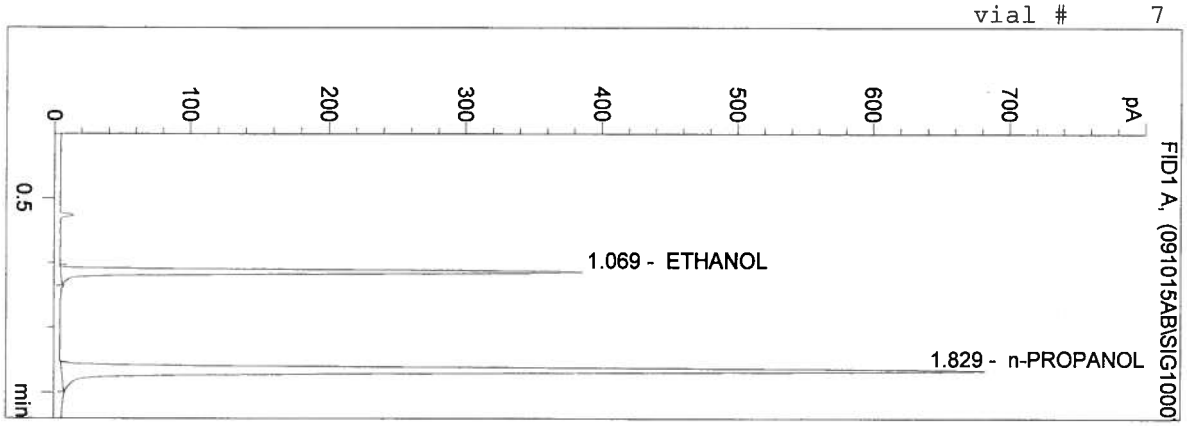
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:17:30 AM
Instrument 3
db-alc2

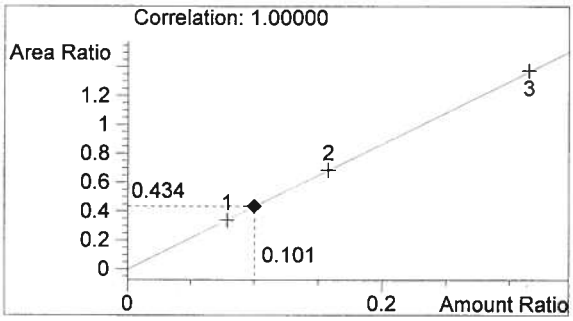
0.10 CONTROL-AB
Amanda Black

vial # 7

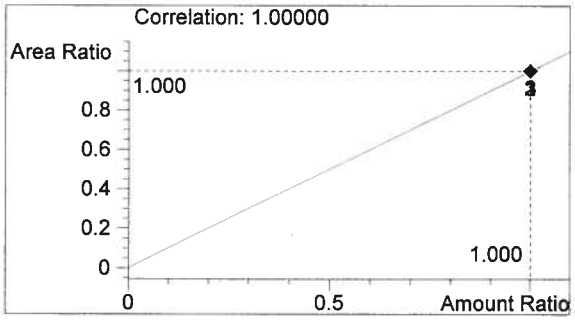


#	Compound	Area	RT
1	ETHANOL	845	1.069
2	n-PROPANOL	1947	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

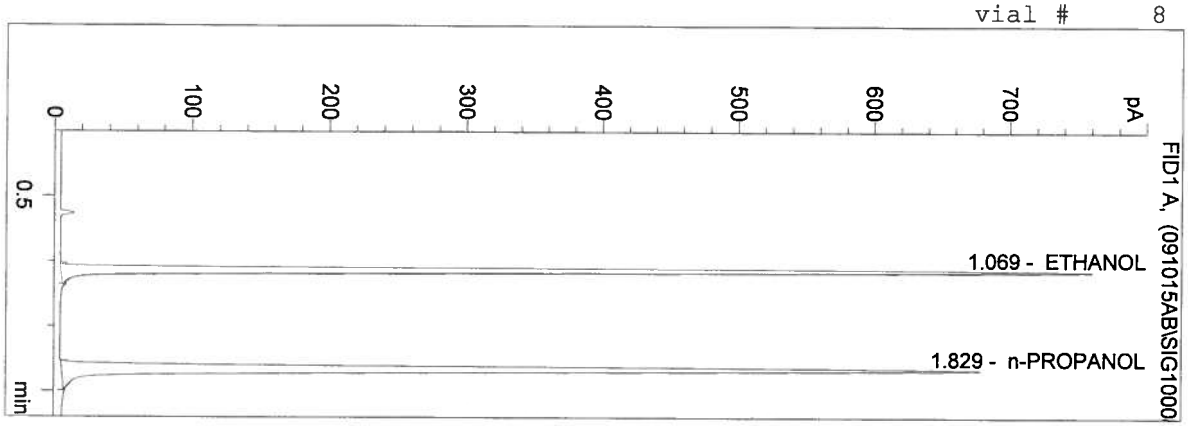
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:20:38 AM
Instrument 3
db-alc2

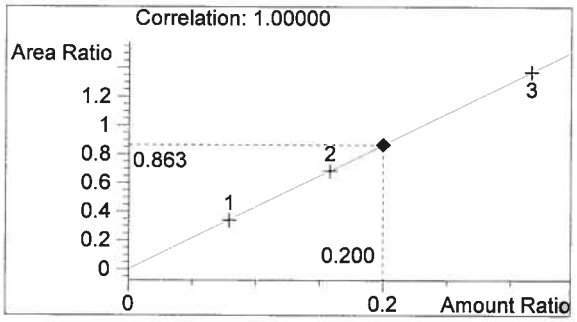
0.20 CONTROL-AB
Amanda Black

vial # 8

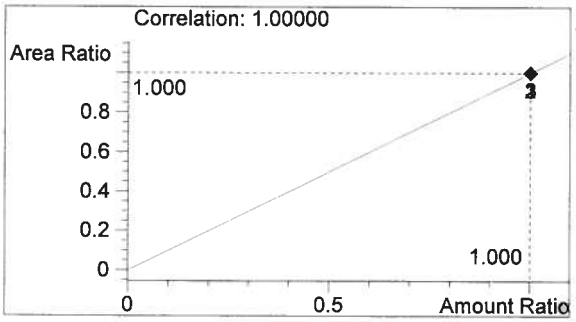


#	Compound	Area	RT
1	ETHANOL	1673	1.069
2	n-PROPANOL	1938	1.829

Totals:



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

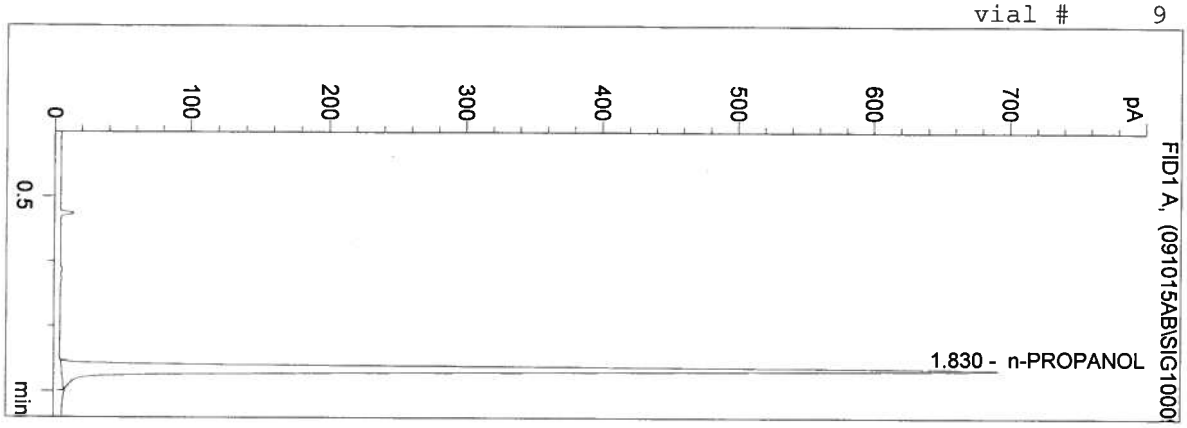
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:23:46 AM
Instrument 3
db-alc2

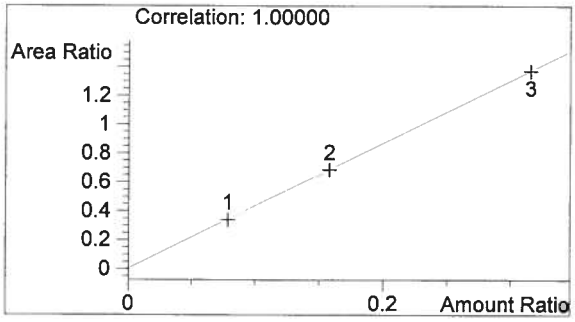
NEG CONTROL-AB
Amanda Black

vial # 9

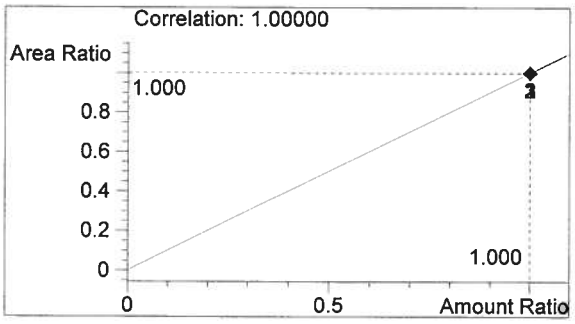


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1972	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

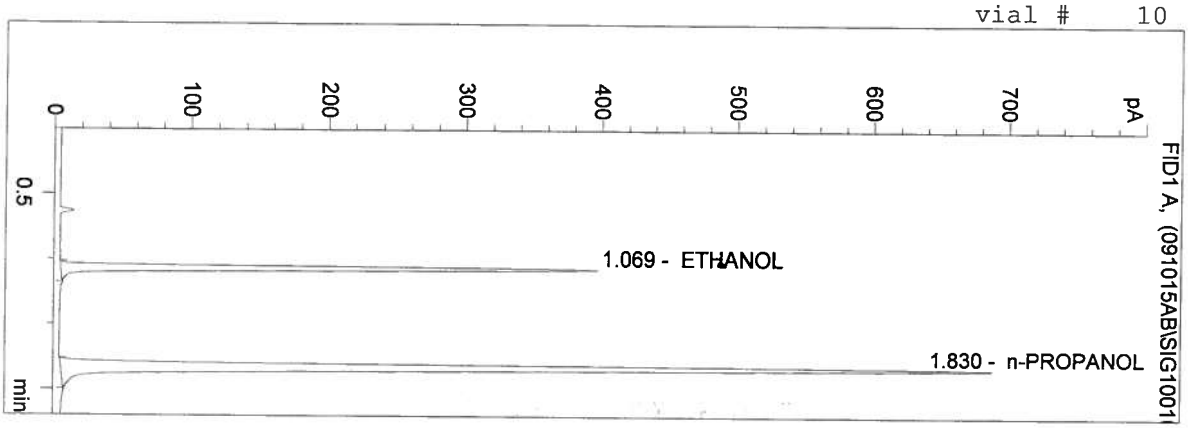
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:26:54 AM
Instrument 3
db-alc2

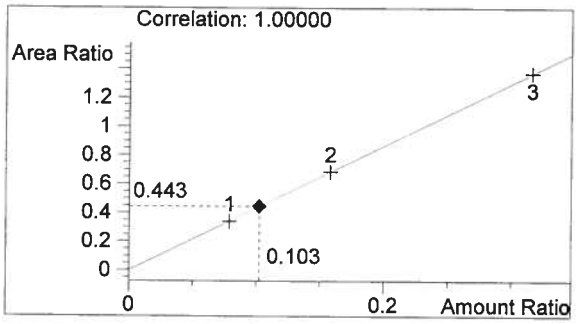
Ext Std 09049 #1
Amanda Black

vial # 10

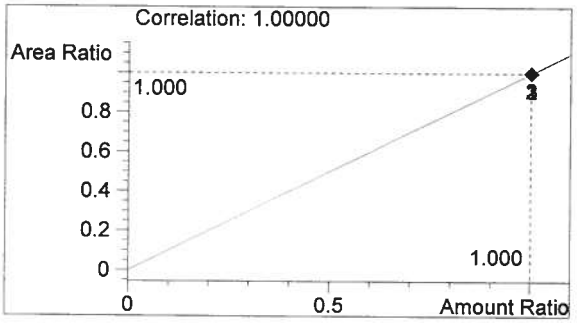


#	Compound	Area	RT
1	ETHANOL	870	1.069
2	n-PROPANOL	1965	1.830

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

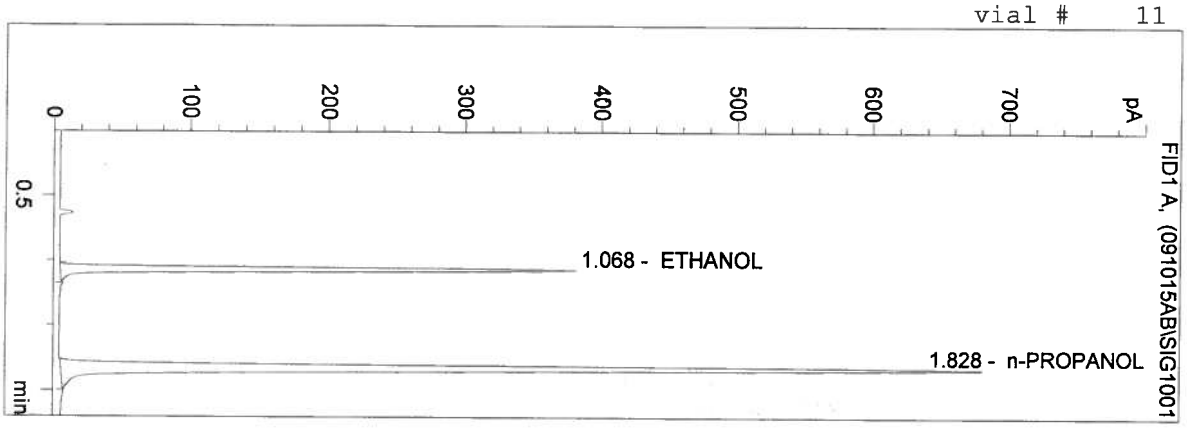
DB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:30:02 AM
Instrument 3
db-alc2

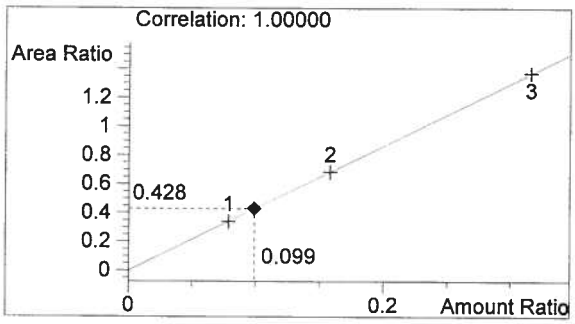
Ext Std 09049 #2
Amanda Black

vial # 11

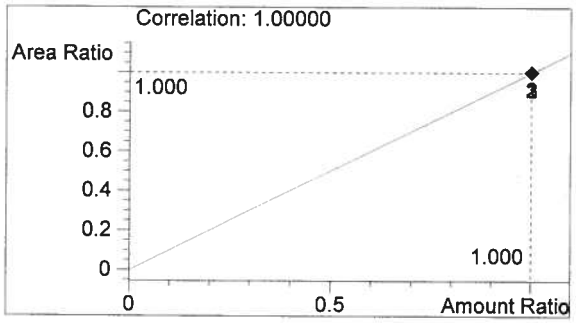


#	Compound	Area	RT
1	ETHANOL	833	1.068
2	n-PROPANOL	1945	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

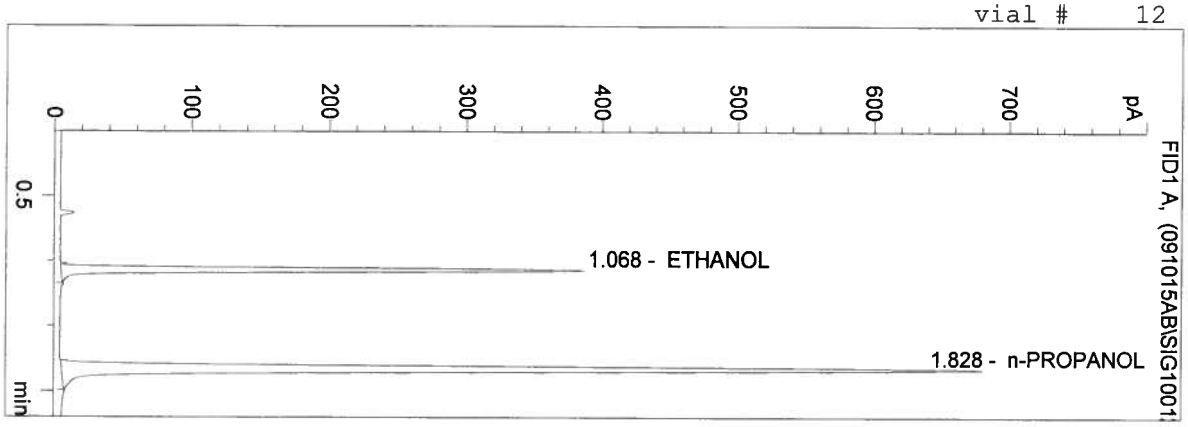
CB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:33:09 AM
Instrument 3
db-alc2

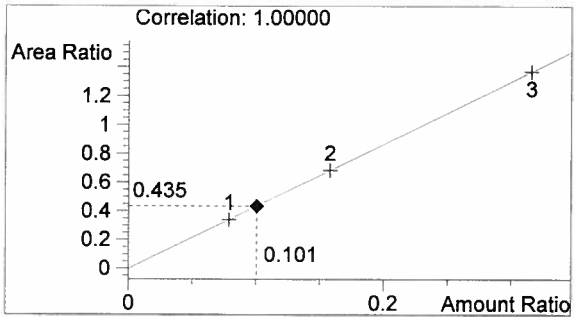
Ext Std 09049 #3
Amanda Black

vial # 12

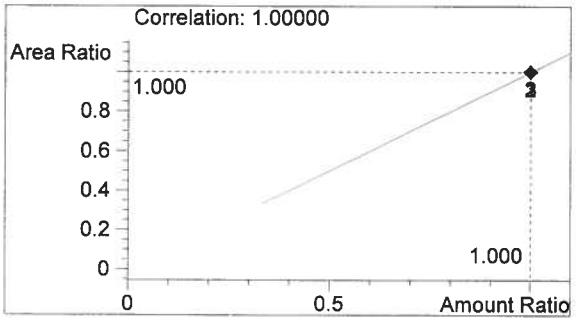


#	Compound	Area	RT
1	ETHANOL	849	1.068
2	n-PROPANOL	1953	1.828

Totals:



ETHANOL 0.101 g/100ml



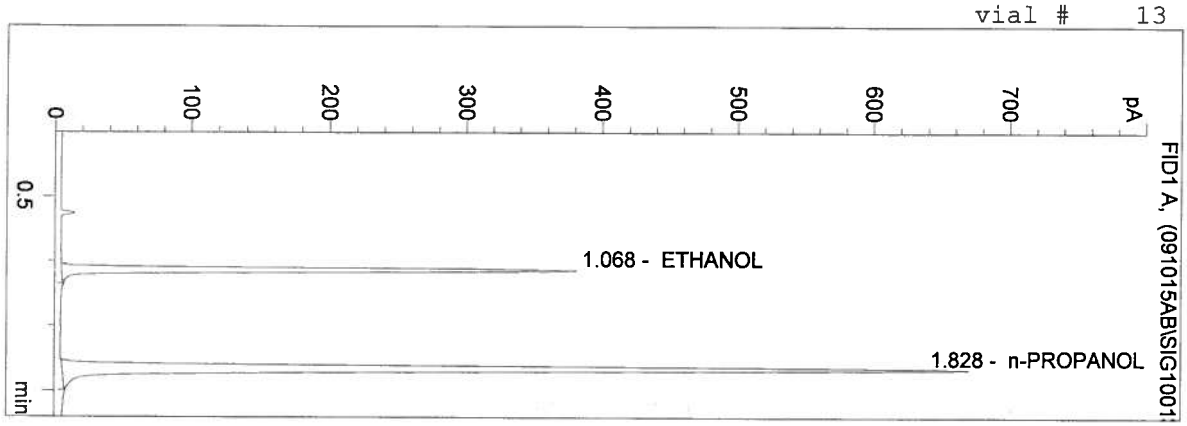
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:36:17 AM
Instrument 3
db-alc2

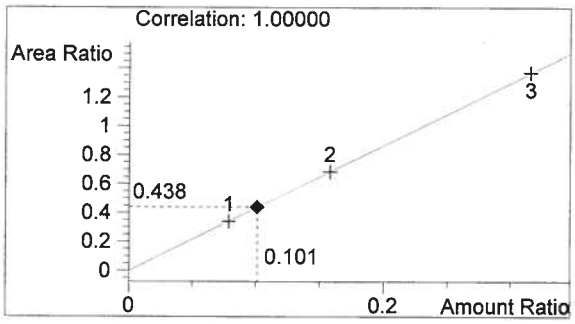
Ext Std 09049 #4
Amanda Black

vial # 13

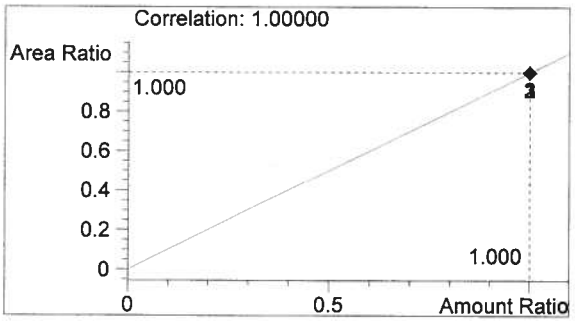


#	Compound	Area	RT
1	ETHANOL	838	1.068
2	n-PROPANOL	1913	1.828

Totals:



ETHANOL 0.101 g/100ml



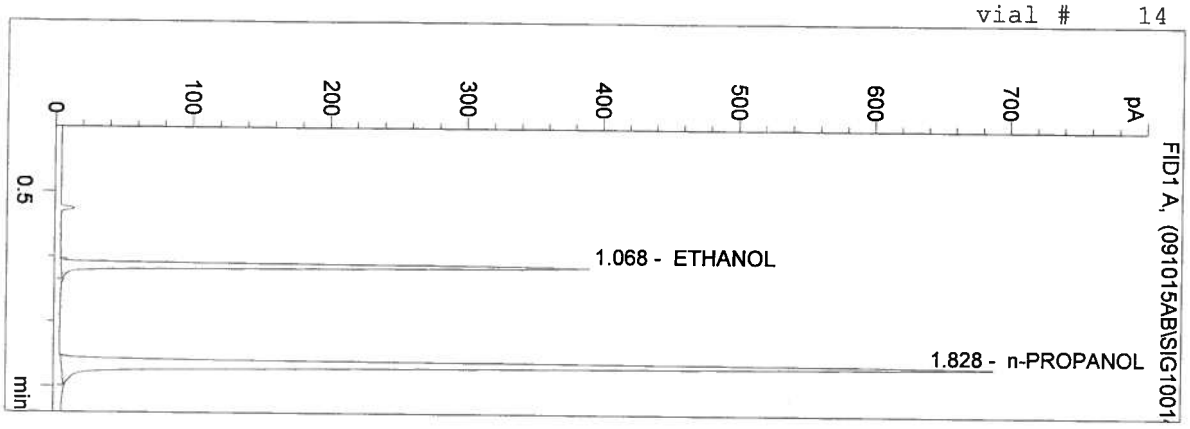
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:39:25 AM
Instrument 3
db-alc2

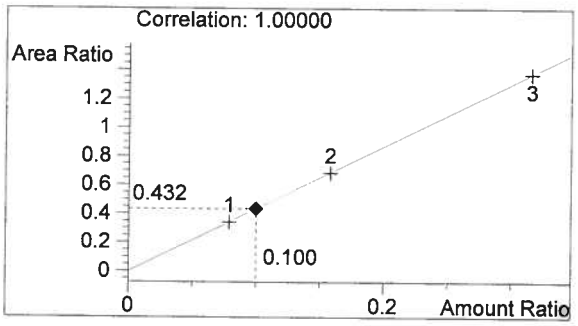
Ext Std 09049 #5
Amanda Black

vial # 14

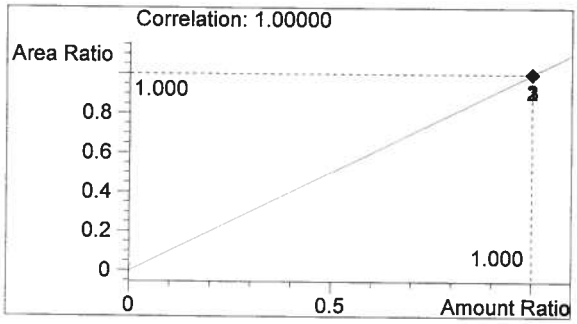


#	Compound	Area	RT
1	ETHANOL	849	1.068
2	n-PROPANOL	1965	1.828

Totals:



ETHANOL 0.100 g/100ml



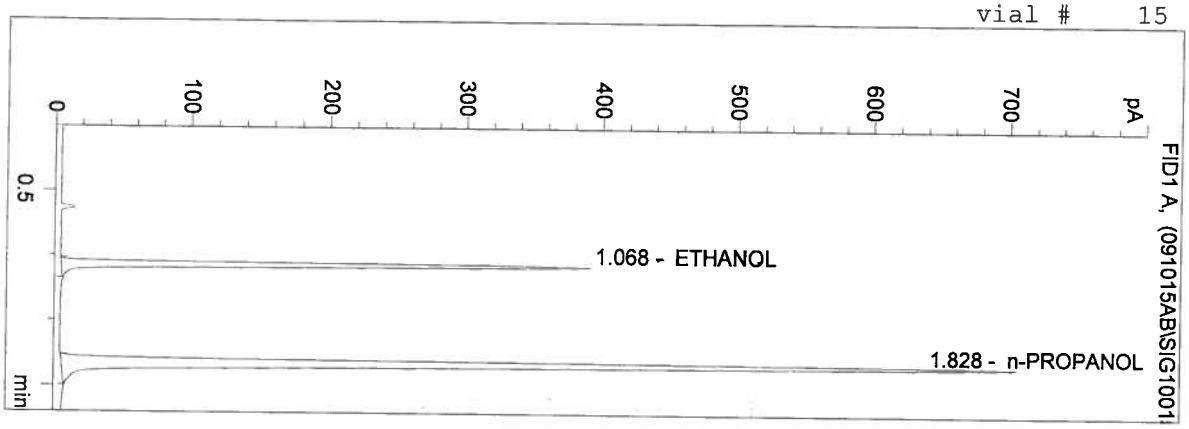
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:42:33 AM
Instrument 3
db-alc2

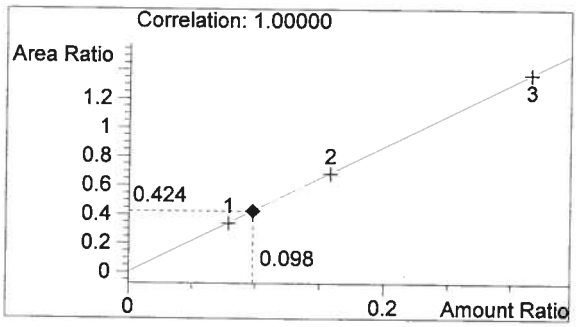
0.10 CONTROL-AB
Amanda Black

vial # 15

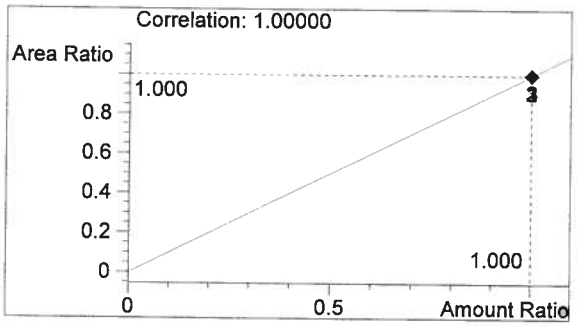


#	Compound	Area	RT
1	ETHANOL	853	1.068
2	n-PROPANOL	2014	1.828

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

AB

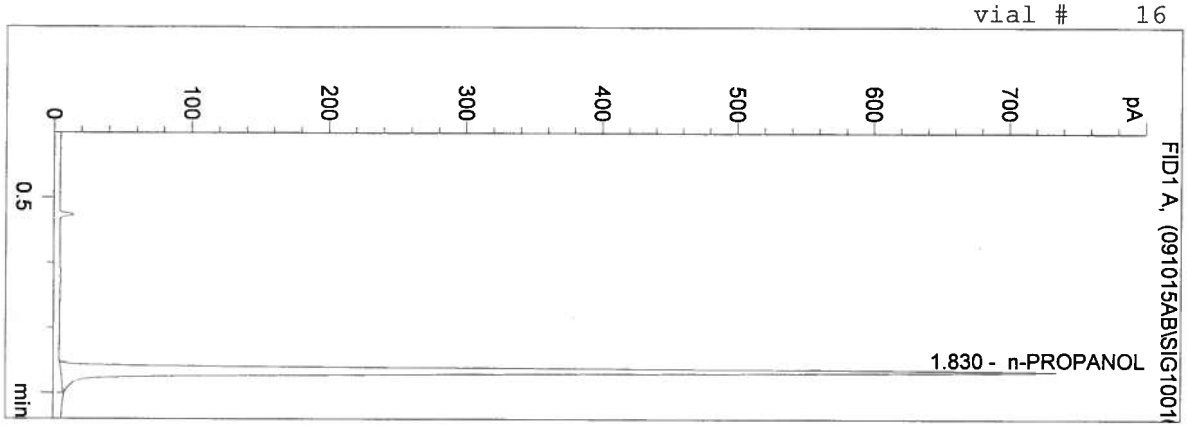
09049
09049
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 8:45:40 AM
Instrument 3
db-alc2

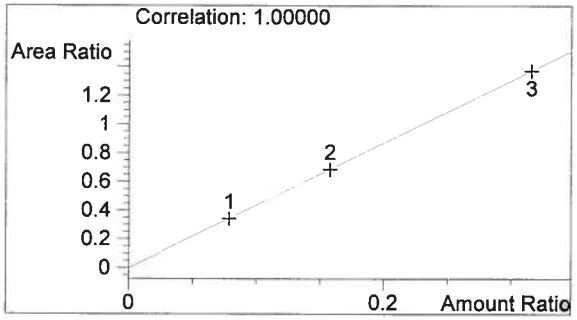
NEG CONTROL-AB
Amanda Black

vial # 16

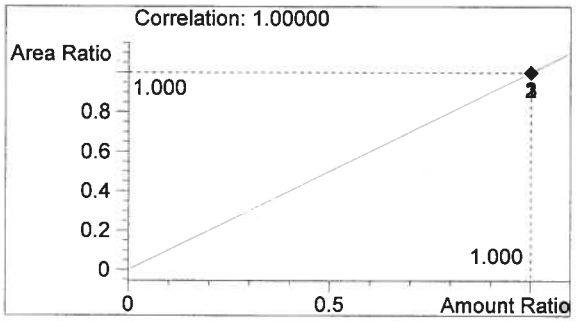


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2097	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09049

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

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:	091015A1
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	09049 #1	SIMALC	1	Sample		
11	Vial 11	09049 #2	SIMALC	1	Sample		
12	Vial 12	09049 #3	SIMALC	1	Sample		
13	Vial 13	09049 #4	SIMALC	1	Sample		
14	Vial 14	09049 #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		

2009.105

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	

09049

Sequence Table (Back Injector):

2009.022

09049

No entries - empty table!

AL
2009 1015

AL
2009 1022

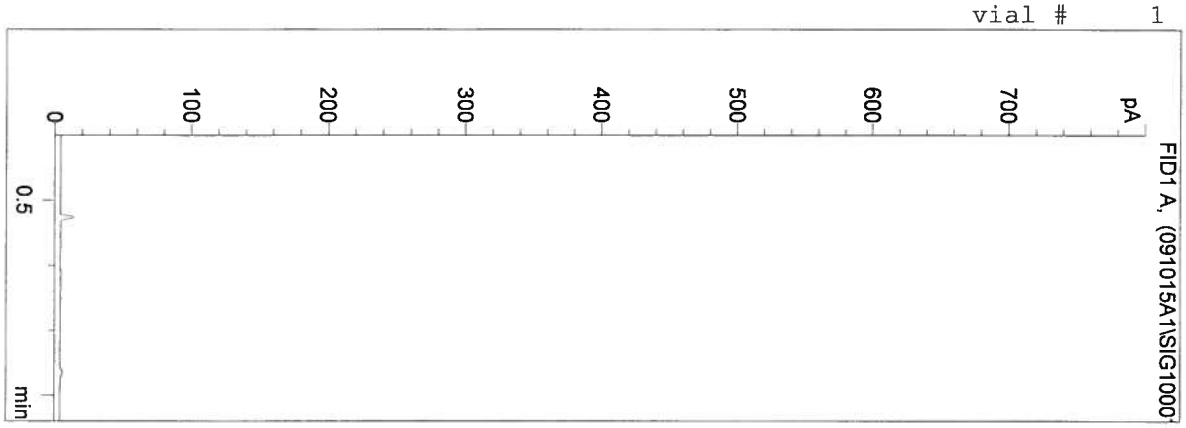
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:01:47 AM
Instrument 3
db-alc2

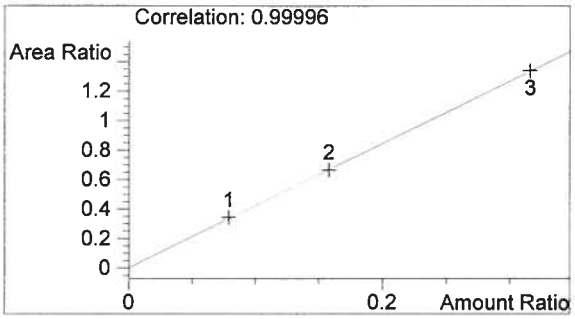
blank
asa louis

vial # 1

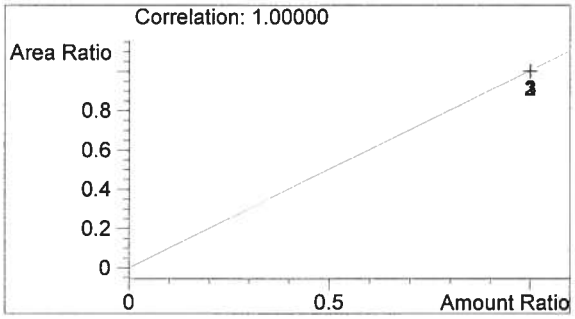


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

A
20091015

A
20091022

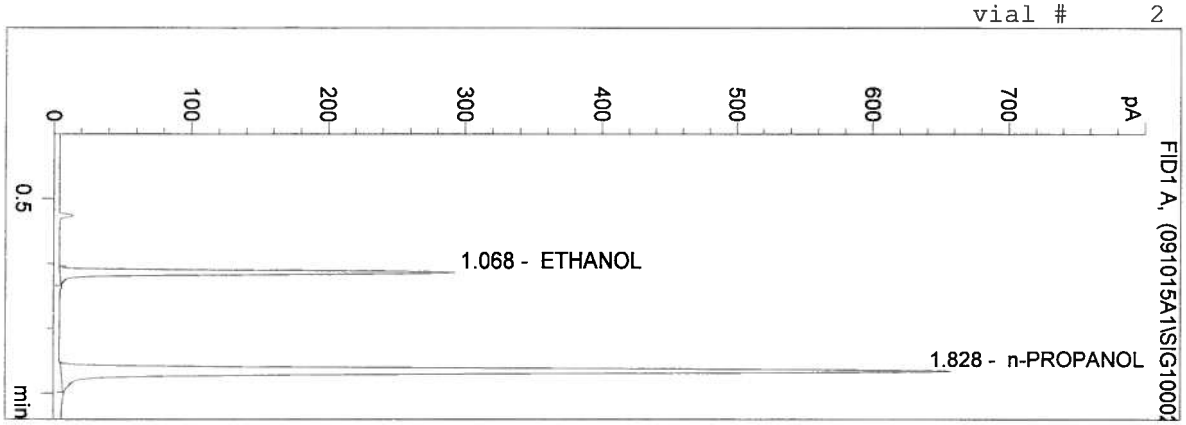
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:04:54 AM
Instrument 3
db-alc2

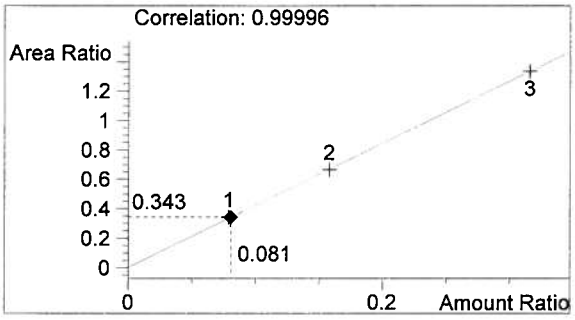
0.079 cal 1
asa louis

vial # 2

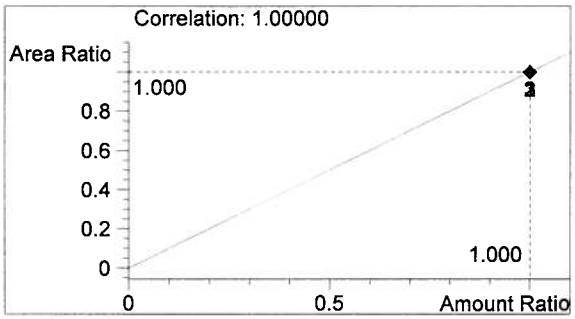


#	Compound	Area	RT
1	ETHANOL	643	1.068
2	n-PROPANOL	1876	1.828

Totals:



ETHANOL 0.081 g/100ml



n-PROPANOL 1.000 g/100ml

AL
2009/015

AL
2009.022

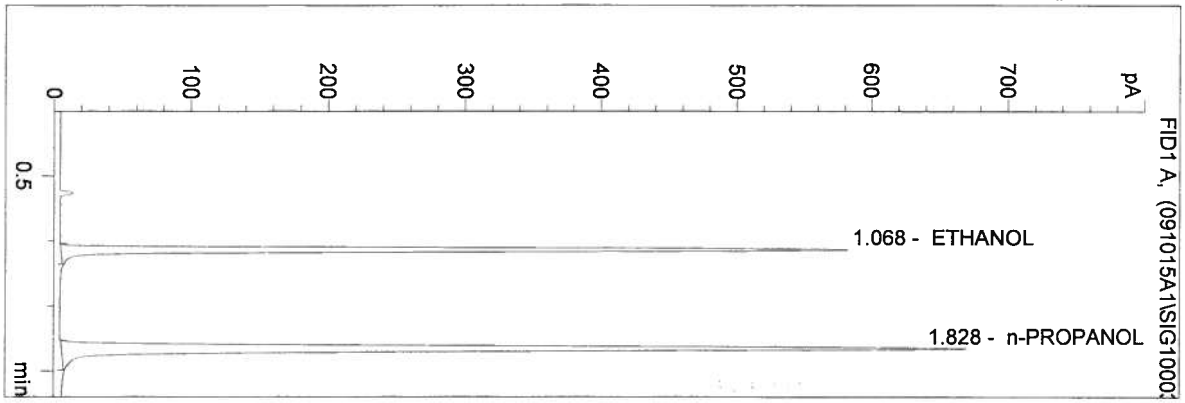
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:08:02 AM
Instrument 3
db-alc2

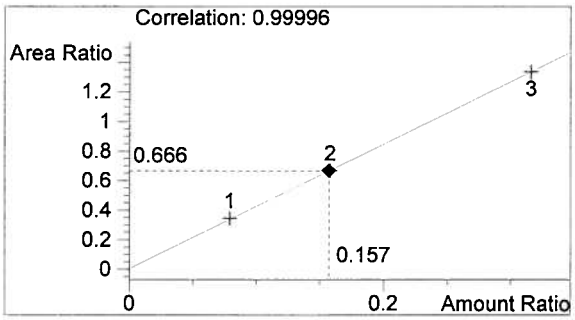
0.158 cal 2
asa louis

vial # 3

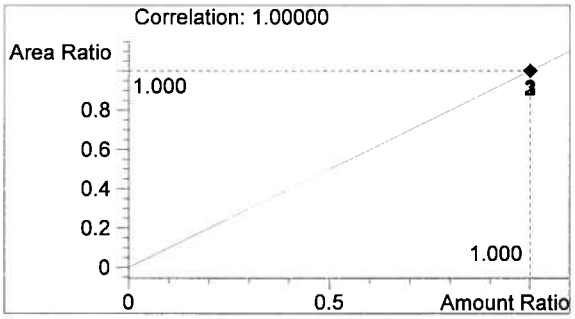


#	Compound	Area	RT
1	ETHANOL	1269	1.068
2	n-PROPANOL	1907	1.828

Totals:



ETHANOL 0.157 g/100ml



n-PROPANOL 1.000 g/100ml

A
2009/015

A
2009/022

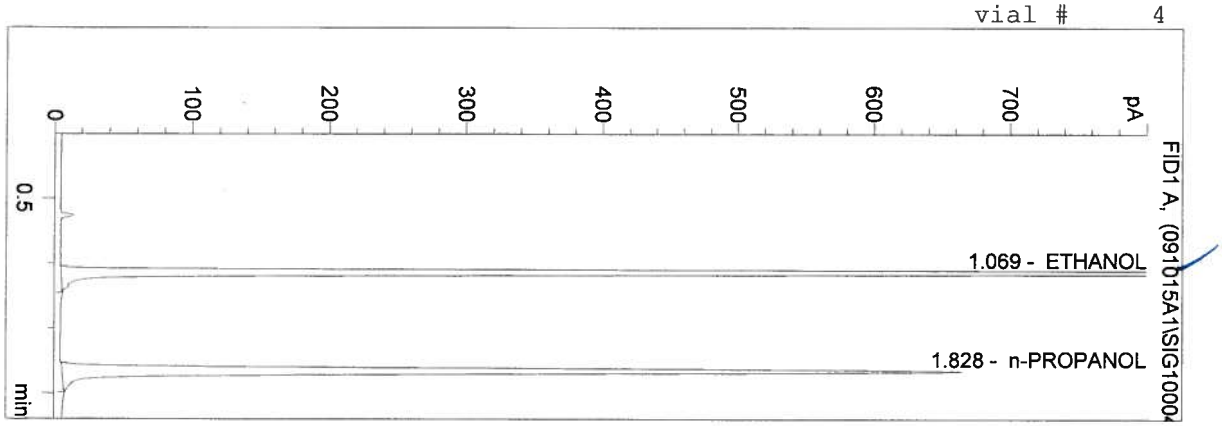
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

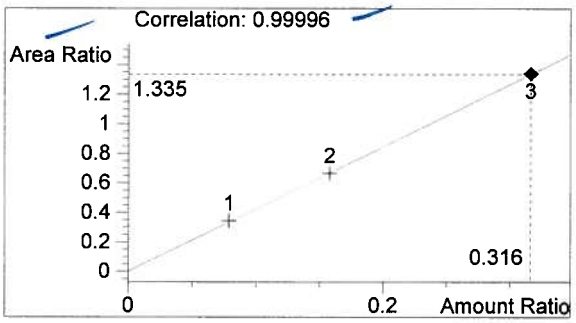
C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:11:10 AM
Instrument 3
db-alc2

0.316 cal 3
asa louis

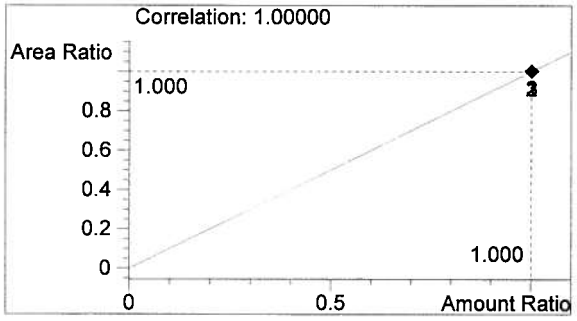
vial # 4



#	Compound	Area	RT
1	ETHANOL	2530	1.069
2	n-PROPANOL	1896	1.828
Totals:			



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

20091015

20091022

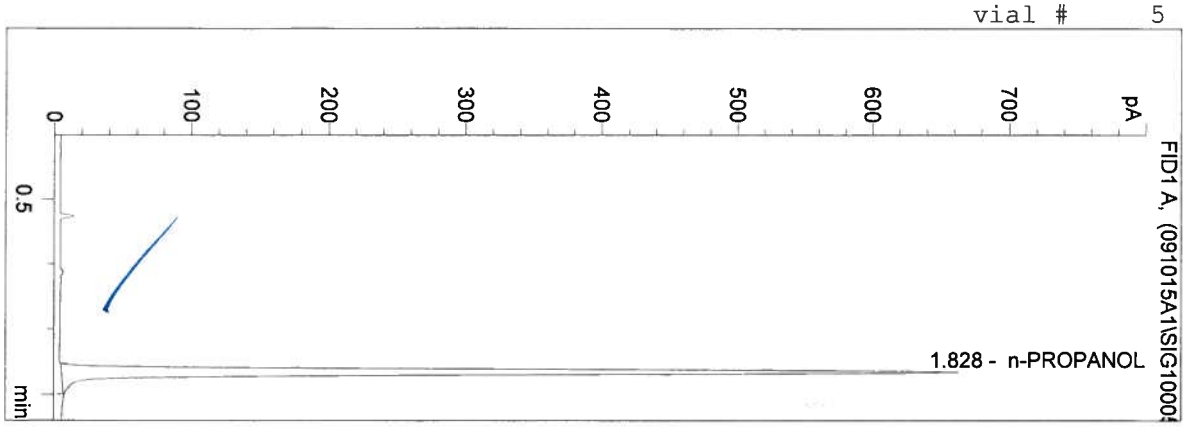
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:14:18 AM
Instrument 3
db-alc2

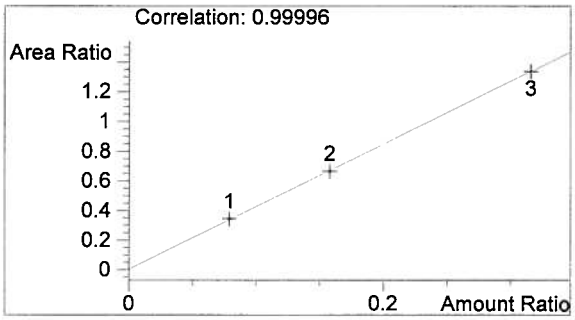
neg control - al
asa louis

vial # 5

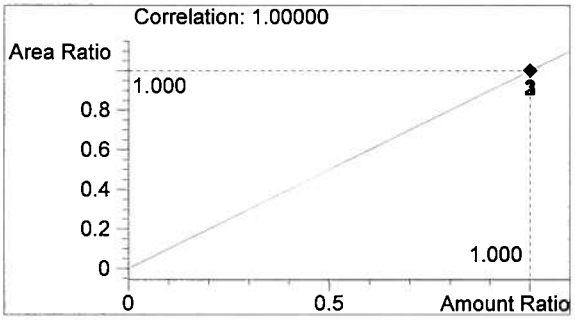


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1897	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

A
20091015

A
20091022

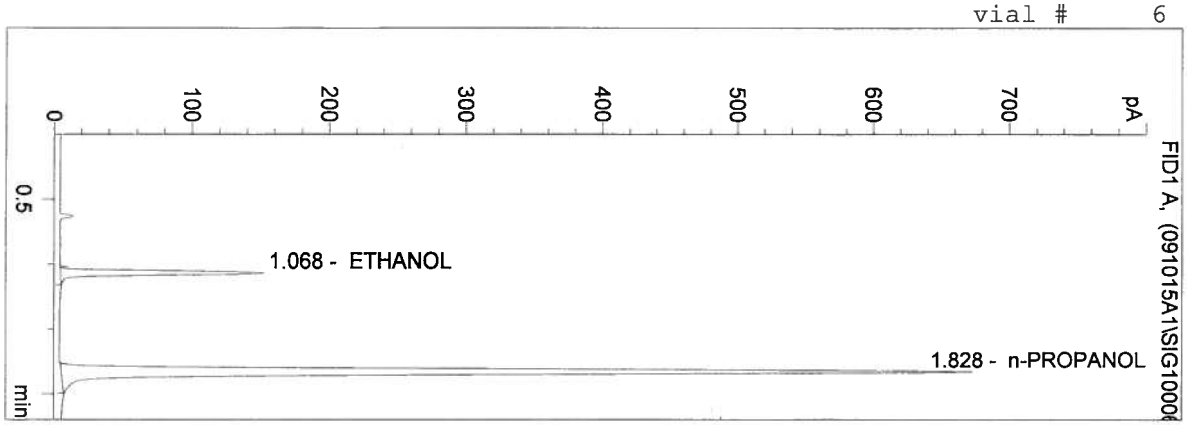
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:17:25 AM
Instrument 3
db-alc2

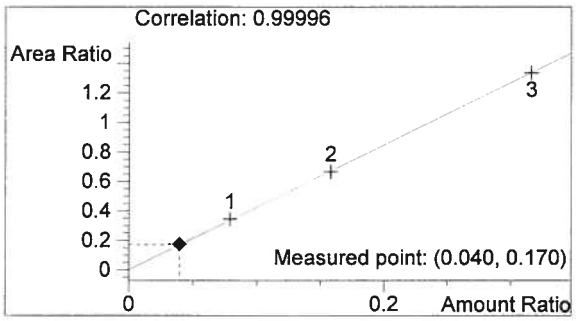
0.04 ctrl al
asa louis

vial # 6

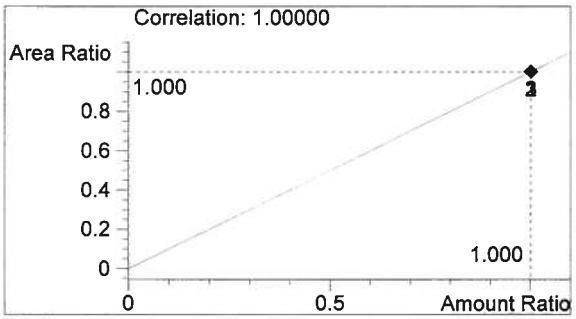


#	Compound	Area	RT
1	ETHANOL	327	1.068
2	n-PROPANOL	1917	1.828

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20091015

AL
20091022

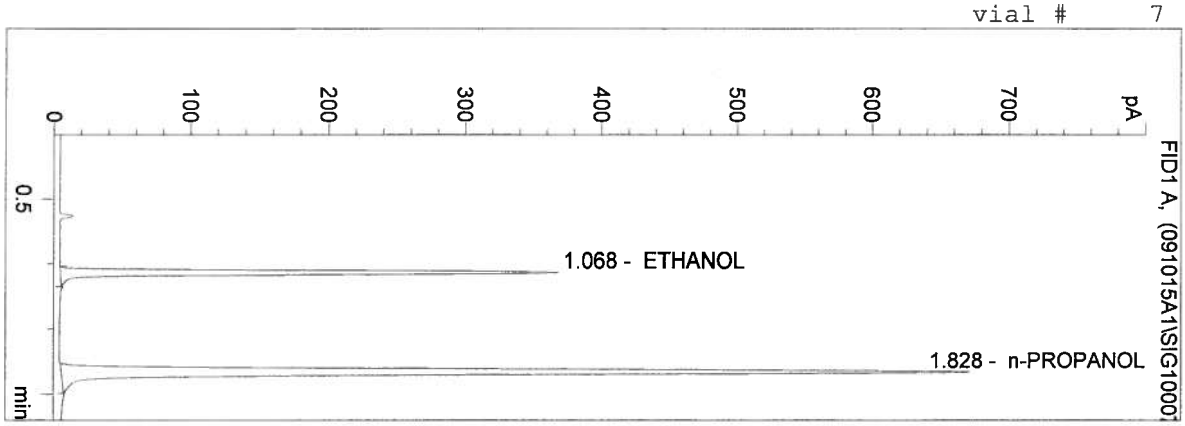
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:20:33 AM
Instrument 3
db-alc2

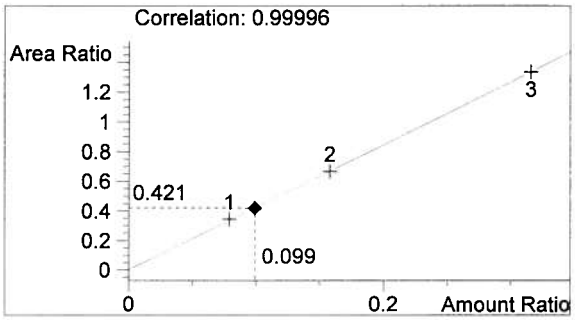
0.10 ctrl al
asa louis

vial # 7

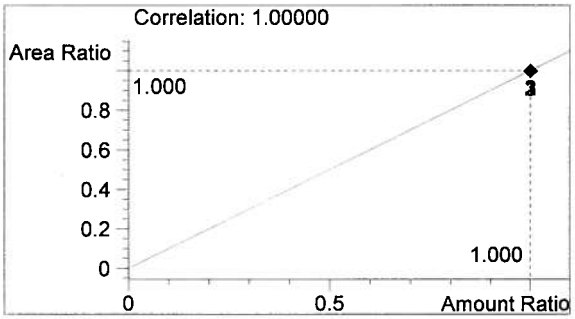


#	Compound	Area	RT
1	ETHANOL	807	1.068
2	n-PROPANOL	1916	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

AL
2009/01/5

AL
2009/022

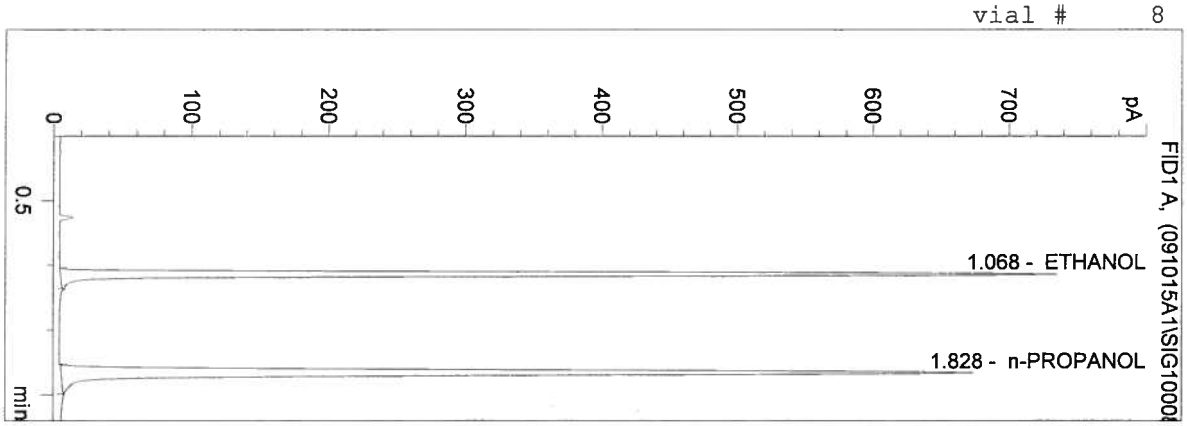
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:23:41 AM
Instrument 3
db-alc2

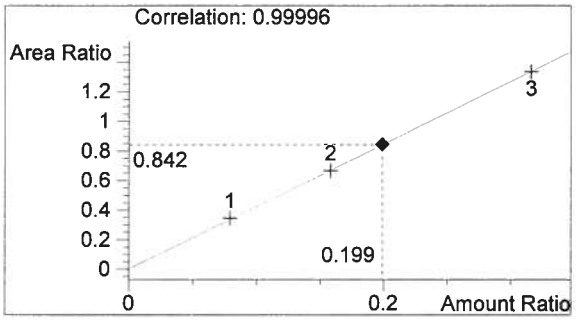
0.20 ctrl al
asa louis

vial # 8

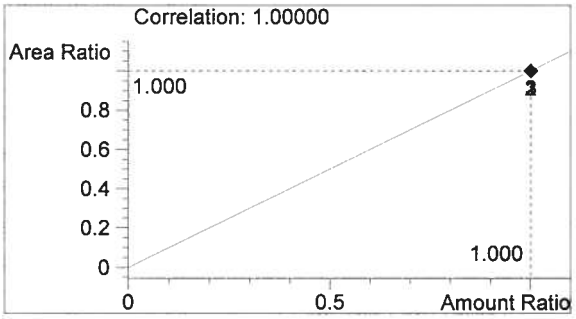


#	Compound	Area	RT
1	ETHANOL	1620	1.068
2	n-PROPANOL	1925	1.828

Totals:



ETHANOL 0.199 g/100ml



n-PROPANOL 1.000 g/100ml

AK
2009.10.5

AK
2009.022

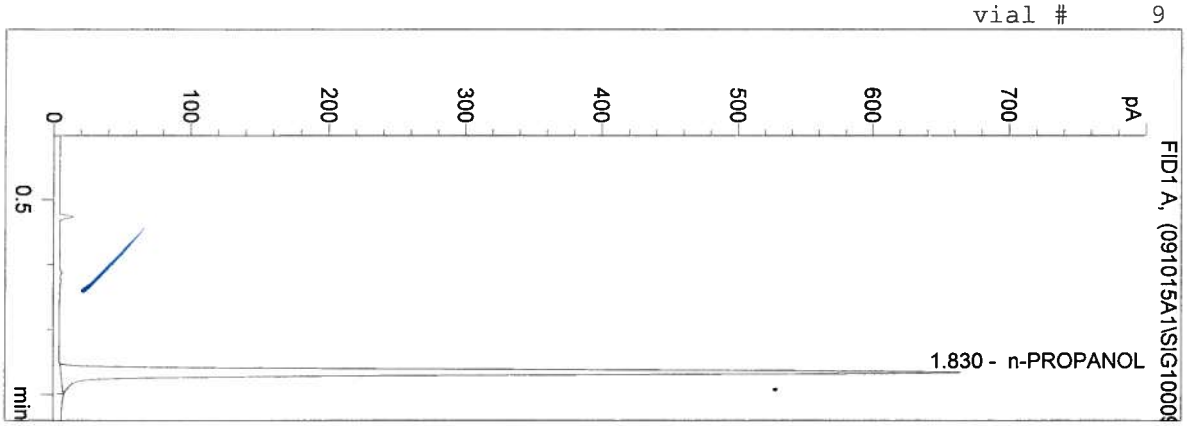
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:26:49 AM
Instrument 3
db-alc2

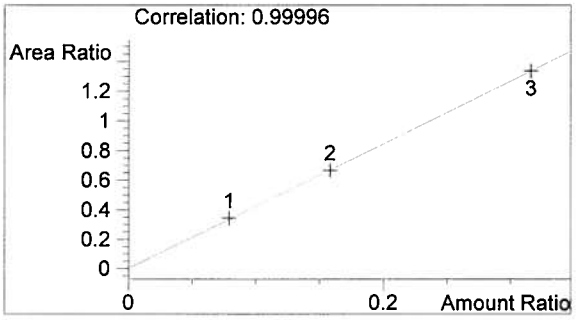
neg control - al
asa louis

vial # 9

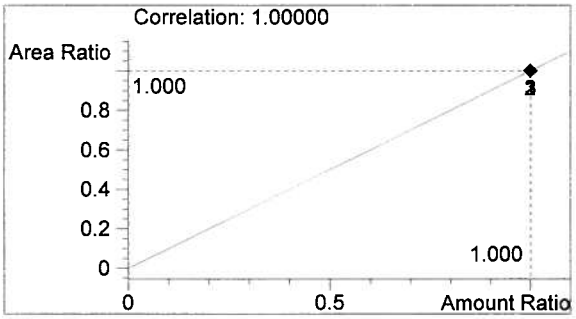


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1894	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20091015

AL
20091022

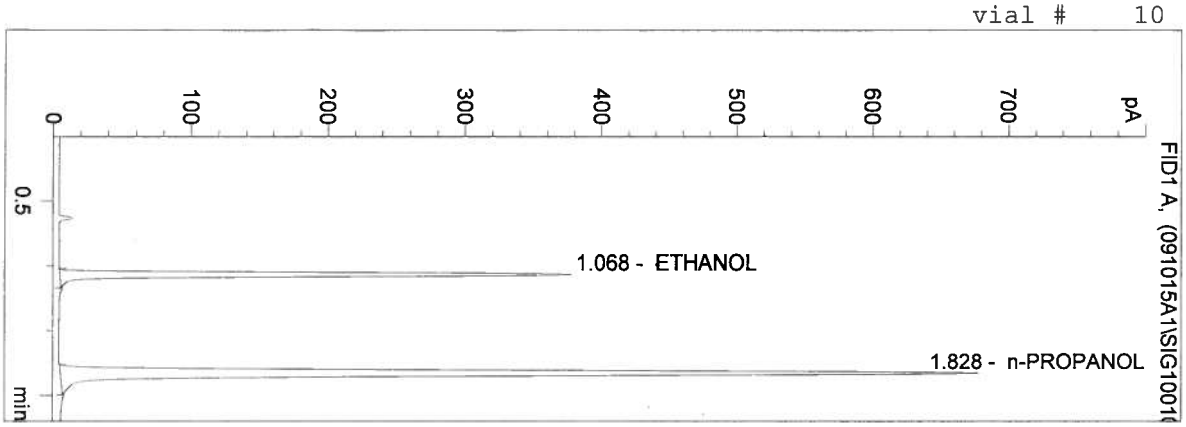
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:29:56 AM
Instrument 3
db-alc2

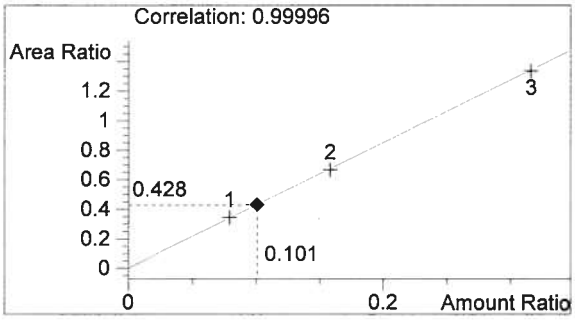
09049 #1
asa louis

vial # 10

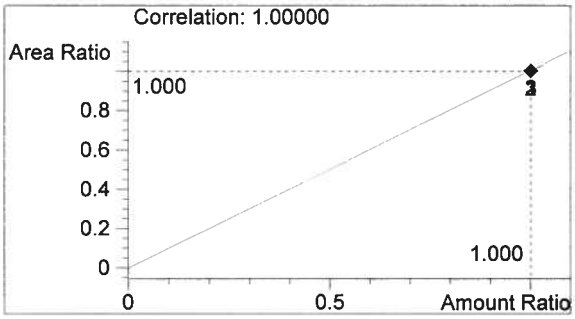


#	Compound	Area	RT
1	ETHANOL	831	1.068
2	n-PROPANOL	1942	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20091015

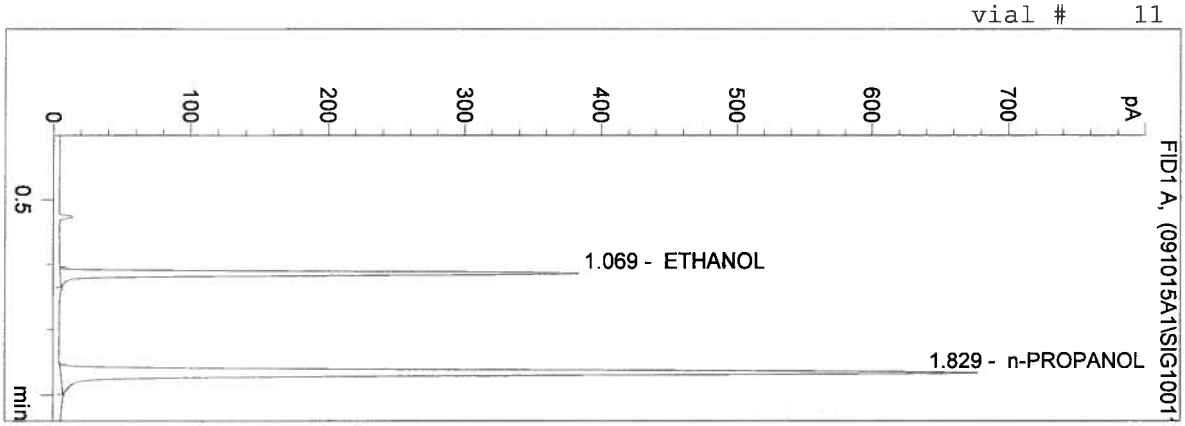
AL
2009.1022

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:33:04 AM
Instrument 3
db-alc2

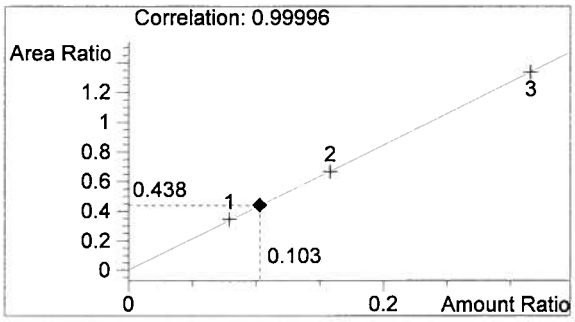
09049 #2
asa louis

vial # 11

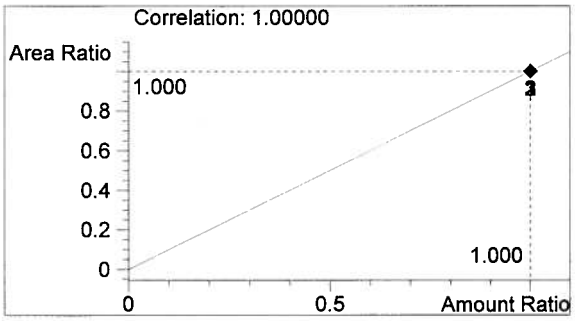


#	Compound	Area	RT
1	ETHANOL	847	1.069
2	n-PROPANOL	1936	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20091015

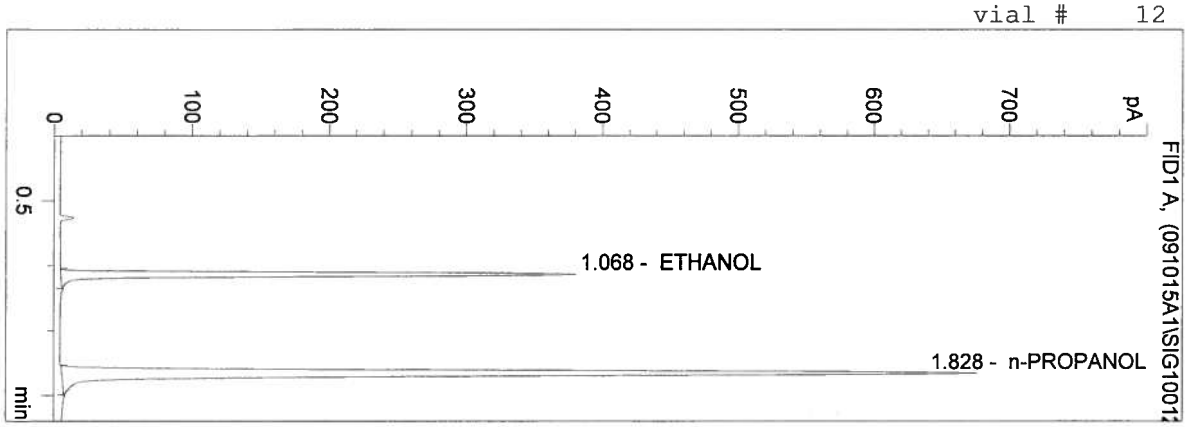
AL
20091022

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:36:12 AM
Instrument 3
db-alc2

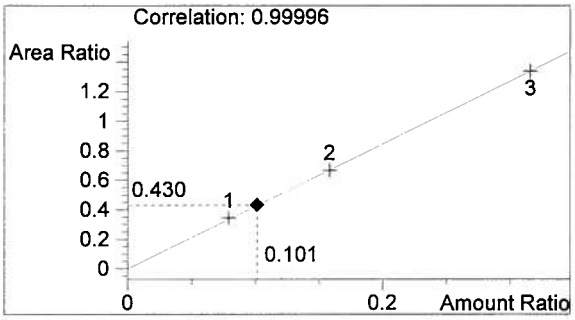
09049 #3
asa louis

vial # 12

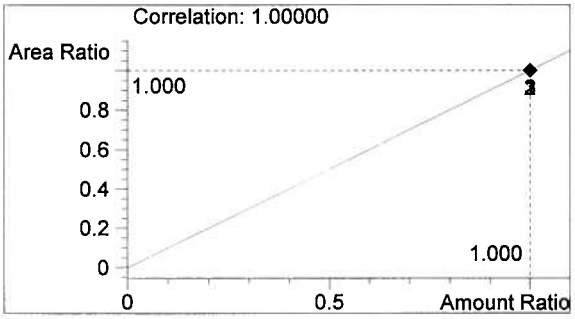


#	Compound	Area	RT
1	ETHANOL	831	1.068
2	n-PROPANOL	1931	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

20091015

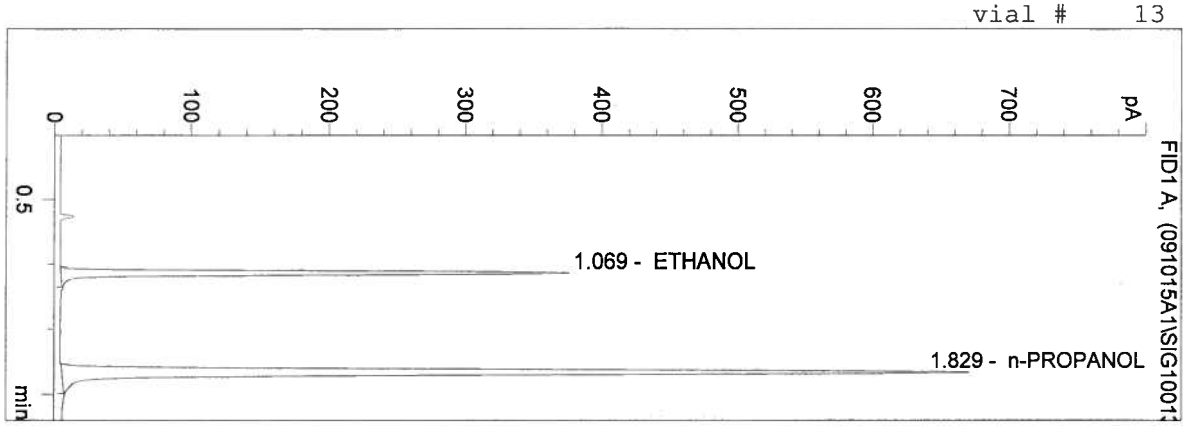
20091022

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:39:20 AM
Instrument 3
db-alc2

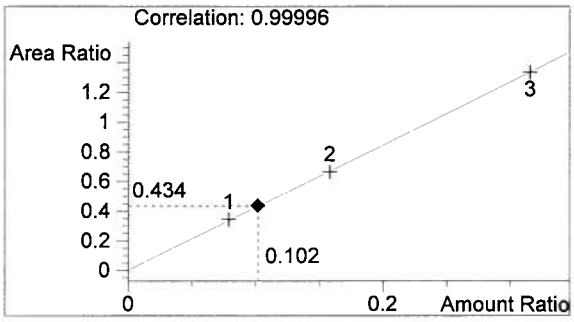
09049 #4
asa louis

vial # 13

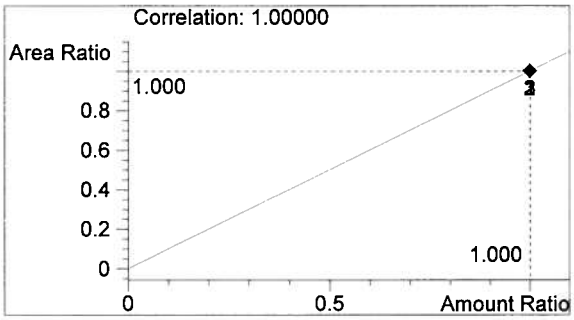


#	Compound	Area	RT
1	ETHANOL	830	1.069
2	n-PROPANOL	1915	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20091015

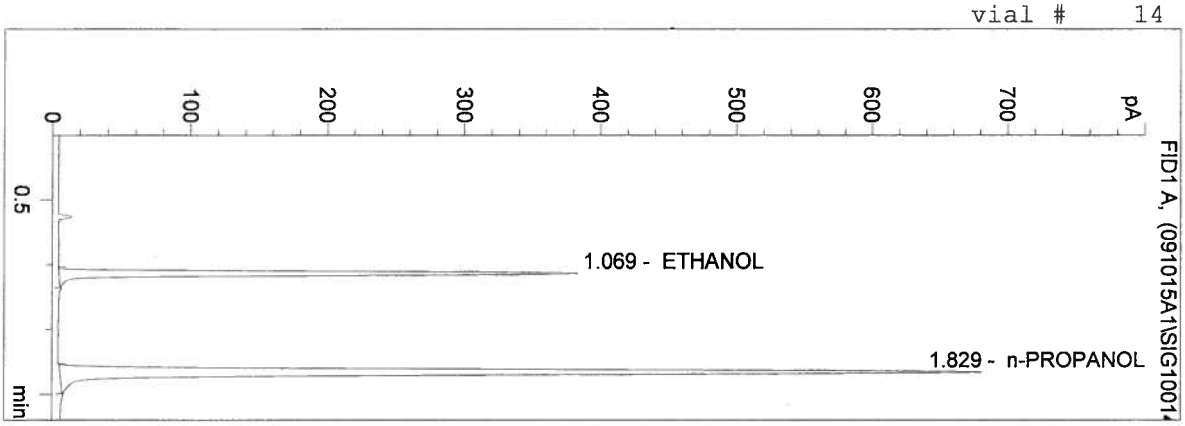
AL
20091022

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:42:27 AM
Instrument 3
db-alc2

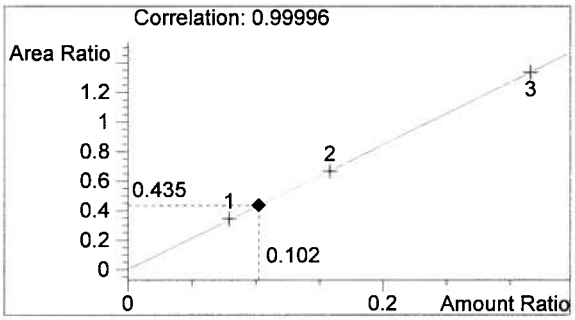
09049 #5
asa louis

vial # 14

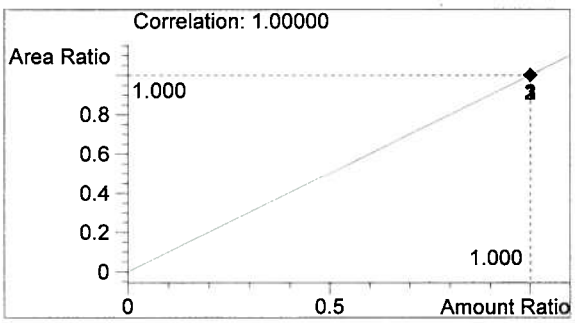


#	Compound	Area	RT
1	ETHANOL	843	1.069
2	n-PROPANOL	1940	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20091015

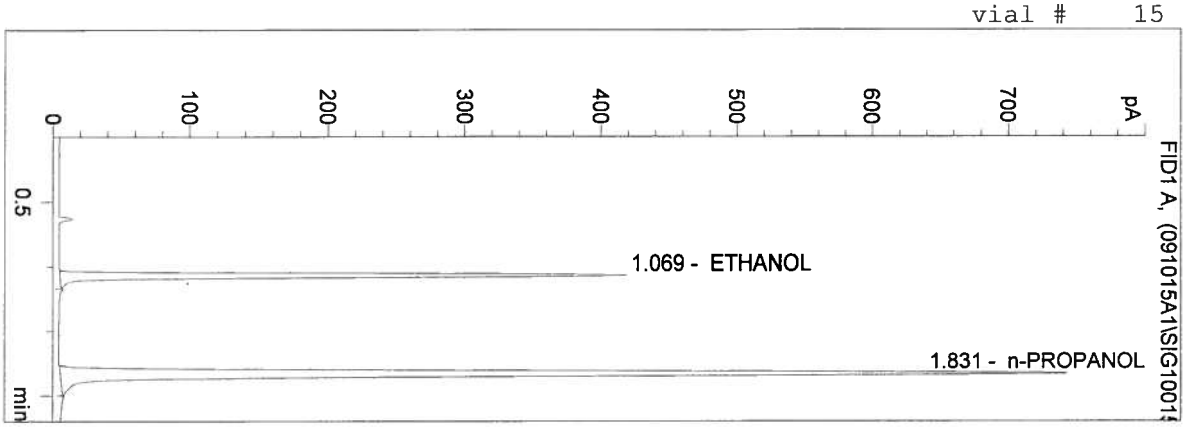
AL
20091022

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:45:35 AM
Instrument 3
db-alc2

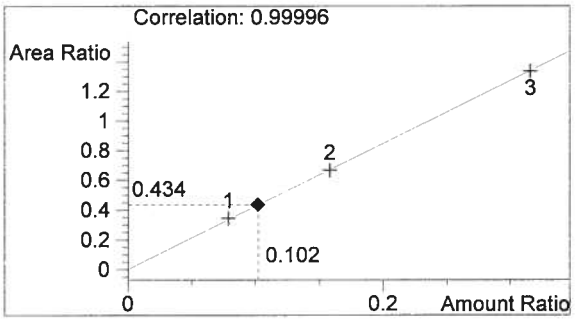
0.10 ctrl al
asa louis

vial # 15

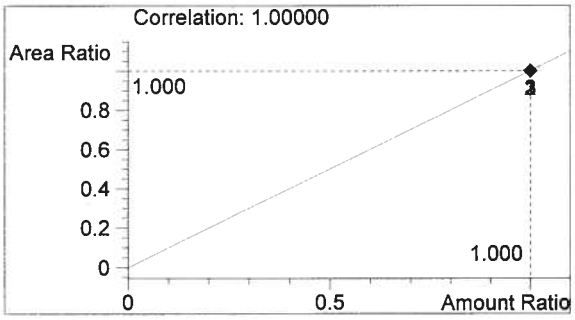


#	Compound	Area	RT
1	ETHANOL	920	1.069
2	n-PROPANOL	2119	1.831

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

A
2009.1015

A
2009.022

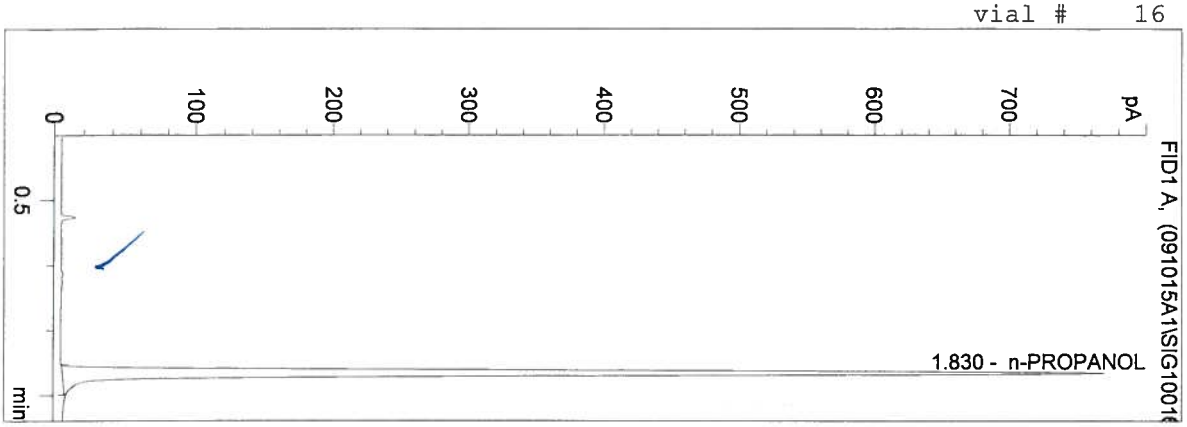
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/15/2009 9:48:43 AM
Instrument 3
db-alc2

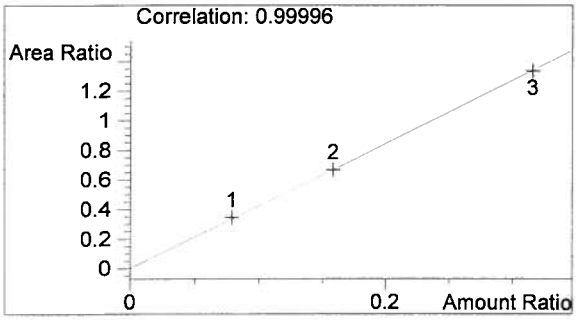
neg control - al
asa louis

vial # 16

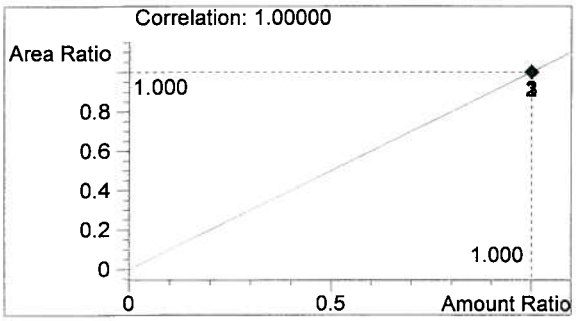


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2192	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

AL
2009,015

AL
2009,022

09049

Sequence Parameters:

Operator:	Rebecca Flaherty
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:	091016RF
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

RF

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-RF	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		
10	Vial 10	09049 #1	SIMALC	1	Sample		
11	Vial 11	09049 #2	SIMALC	1	Sample		
12	Vial 12	09049 #3	SIMALC	1	Sample		
13	Vial 13	09049 #4	SIMALC	1	Sample		
14	Vial 14	09049 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	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	

09049

Sequence Table (Back Injector):

No entries - empty table!

RF

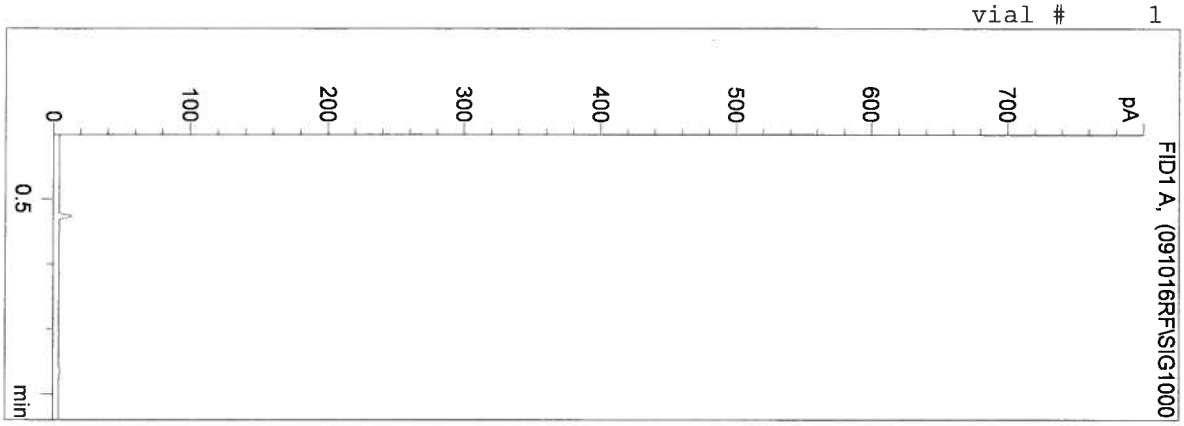
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:27:50 AM
Instrument 3
db-alc2

BLANK
Rebecca Flaherty

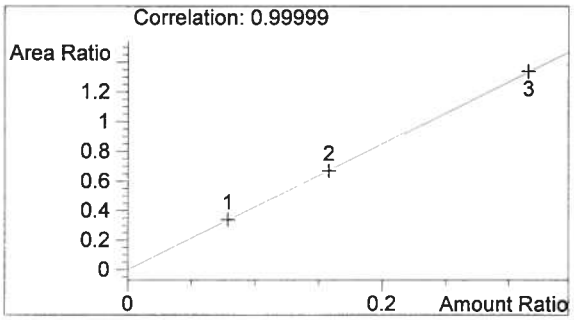
vial # 1



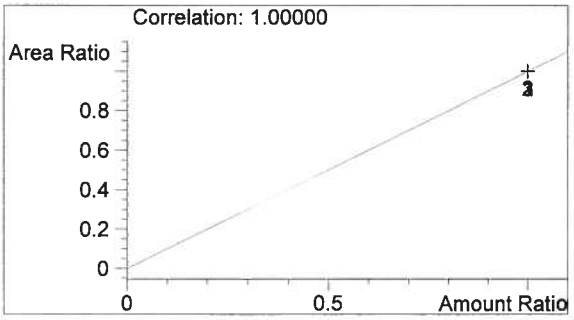
RF

#	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

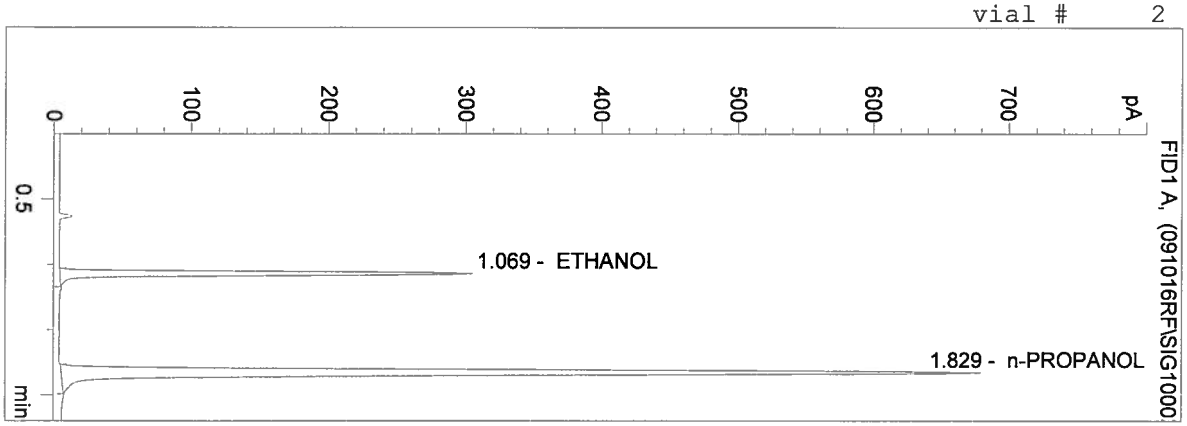
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:30:57 AM
Instrument 3
db-alc2

0.079 CAL 1
Rebecca Flaherty

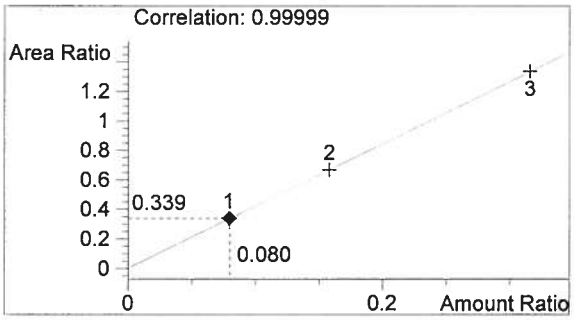
vial # 2



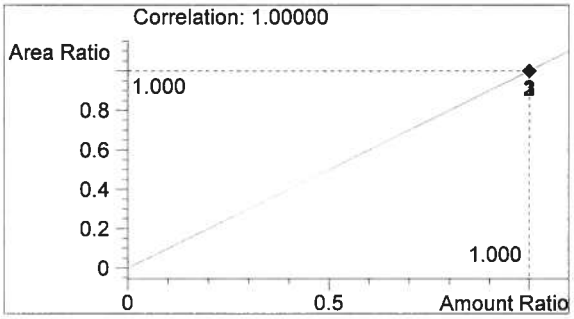
RF

#	Compound	Area	RT
1	ETHANOL	655	1.069
2	n-PROPANOL	1931	1.829

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

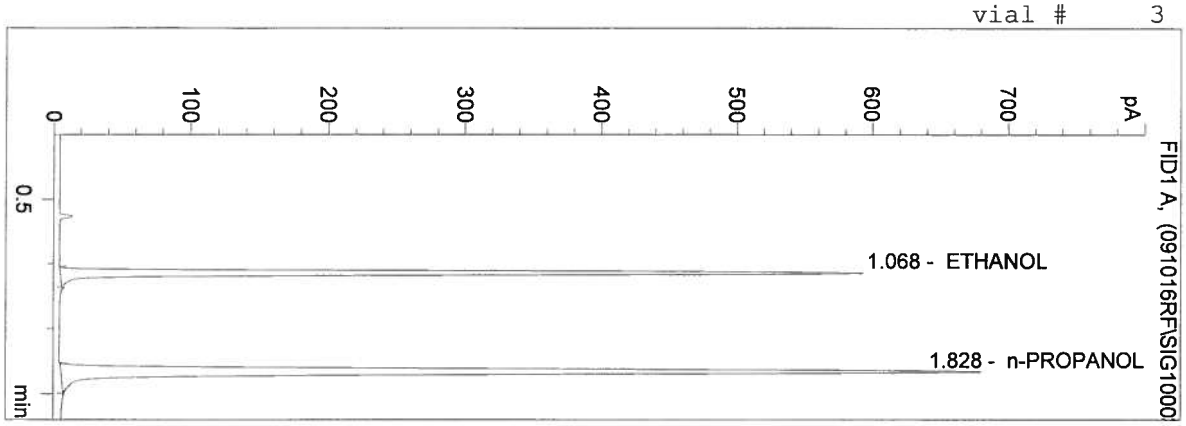
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:34:05 AM
Instrument 3
db-alc2

0.158 CAL 2
Rebecca Flaherty

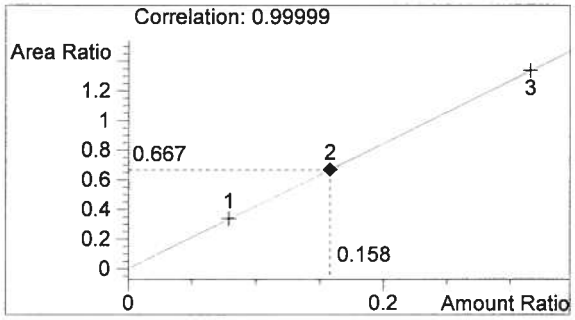
vial # 3



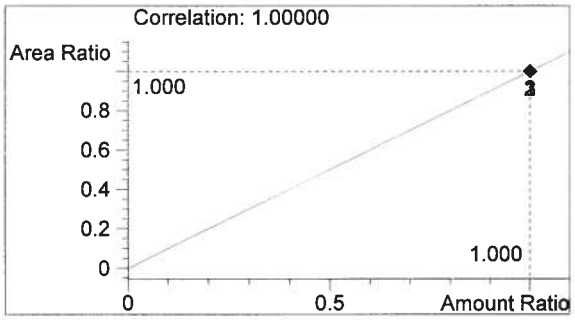
RF

#	Compound	Area	RT
1	ETHANOL	1298	1.068
2	n-PROPANOL	1945	1.828

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

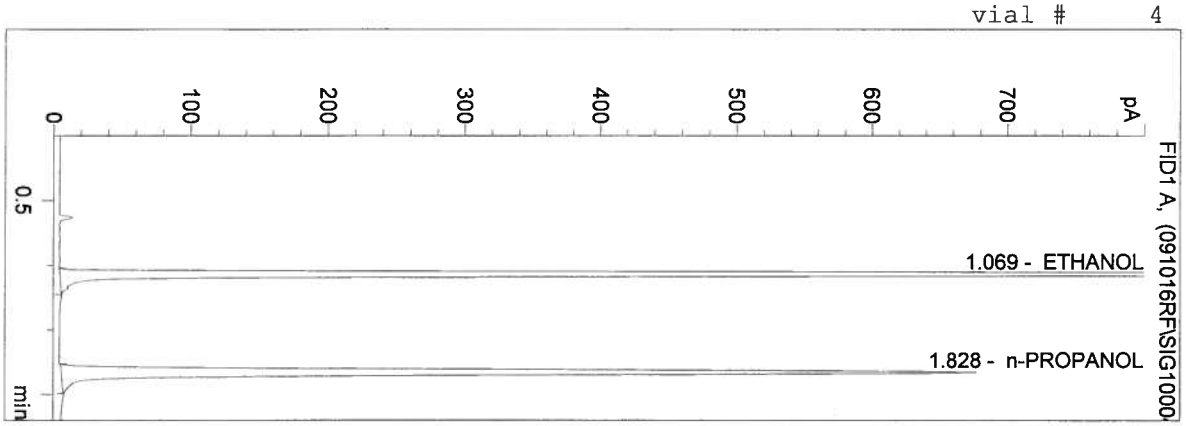
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:37:13 AM
Instrument 3
db-alc2

0.316 CAL 3
Rebecca Flaherty

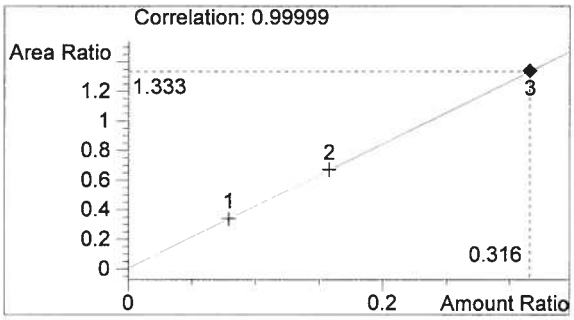
vial # 4



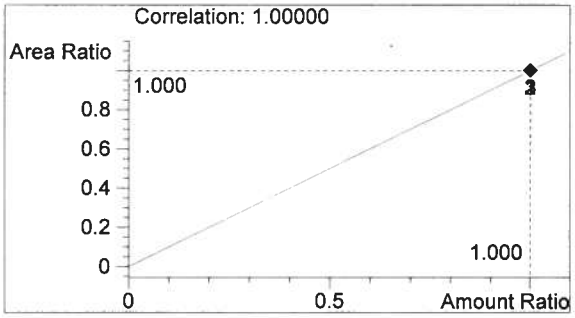
RF

#	Compound	Area	RT
1	ETHANOL	2580	1.069
2	n-PROPANOL	1935	1.828

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

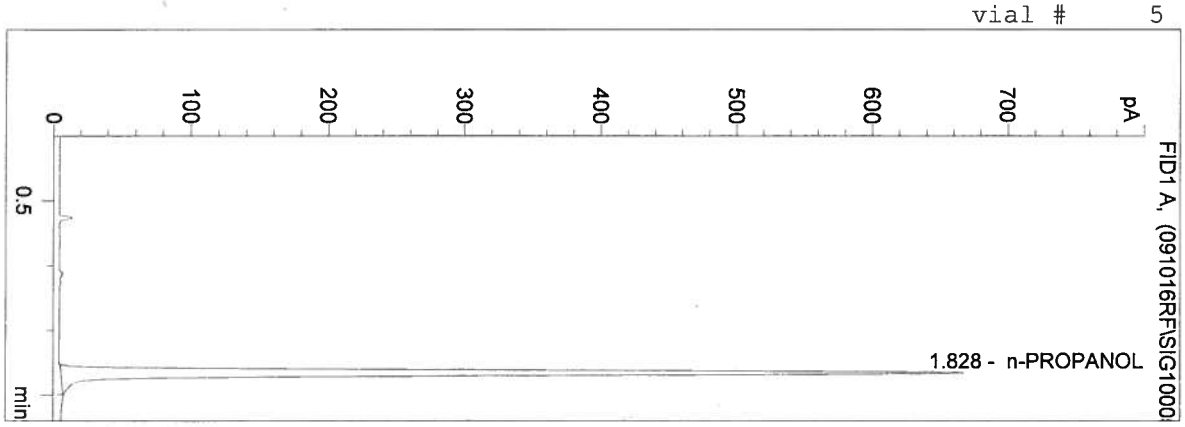
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:40:21 AM
Instrument 3
db-alc2

NEG CONTROL-RF
Rebecca Flaherty

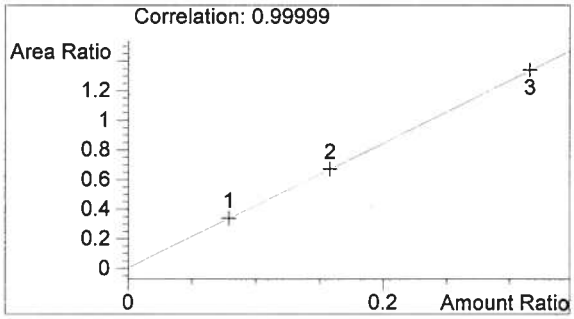
vial # 5



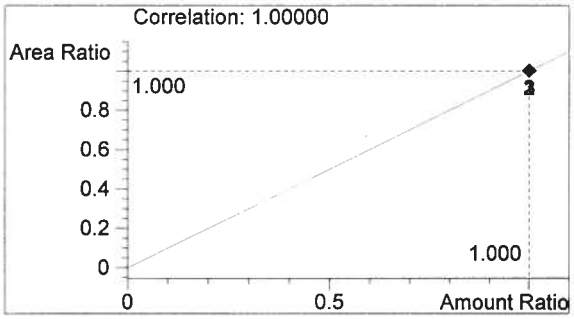
RF

#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1905	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

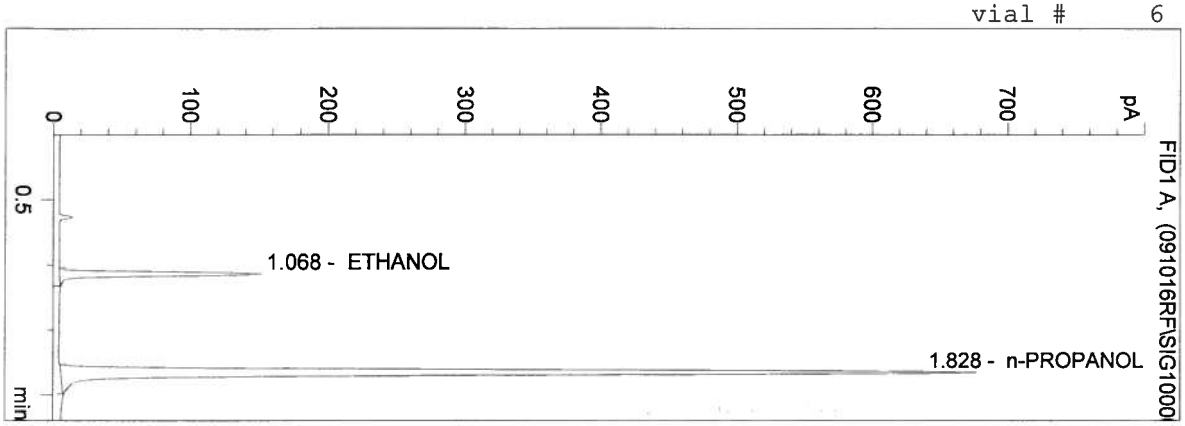
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:43:28 AM
Instrument 3
db-alc2

0.04 CONTROL-RF
Rebecca Flaherty

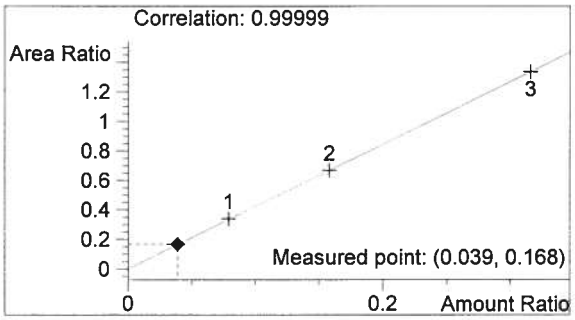
vial # 6



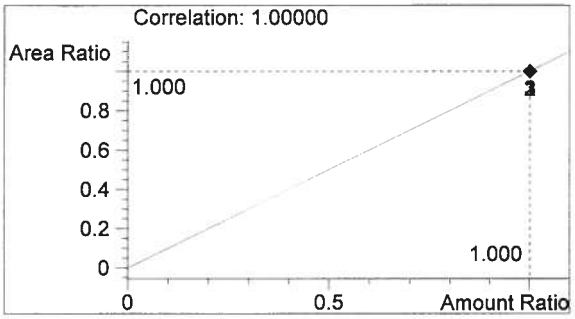
RF

#	Compound	Area	RT
1	ETHANOL	324	1.068
2	n-PROPANOL	1931	1.828

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

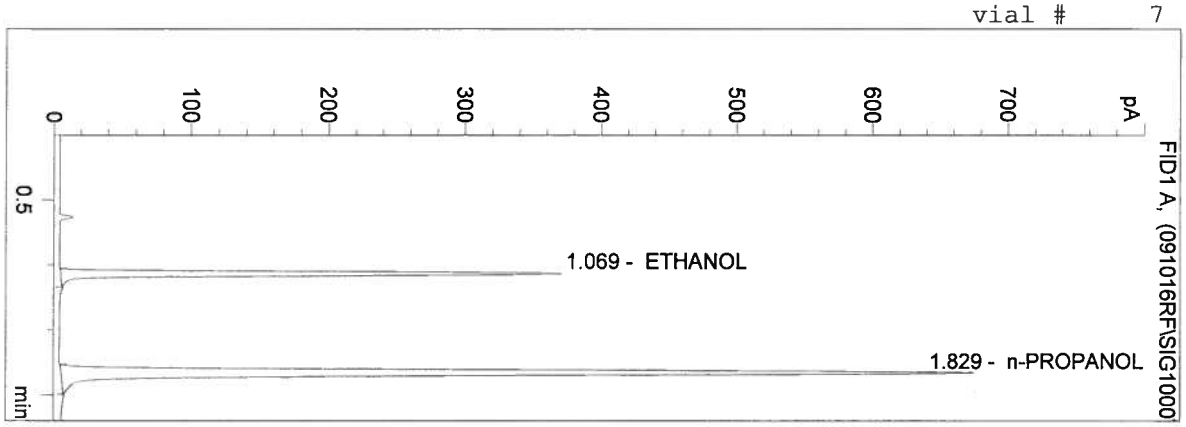
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:46:36 AM
Instrument 3
db-alc2

0.10 CONTROL-RF
Rebecca Flaherty

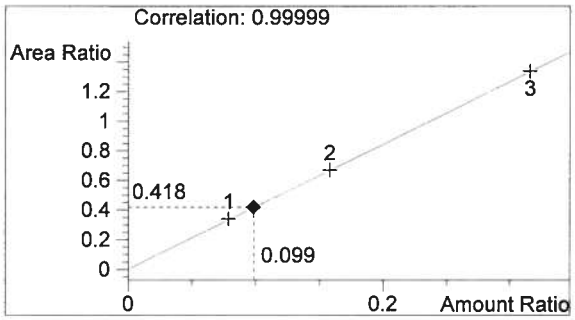
vial # 7



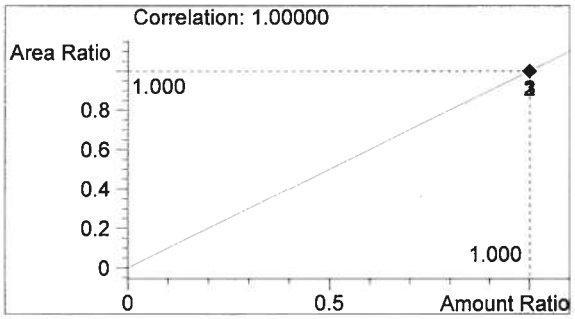
RF

#	Compound	Area	RT
1	ETHANOL	804	1.069
2	n-PROPANOL	1925	1.829

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

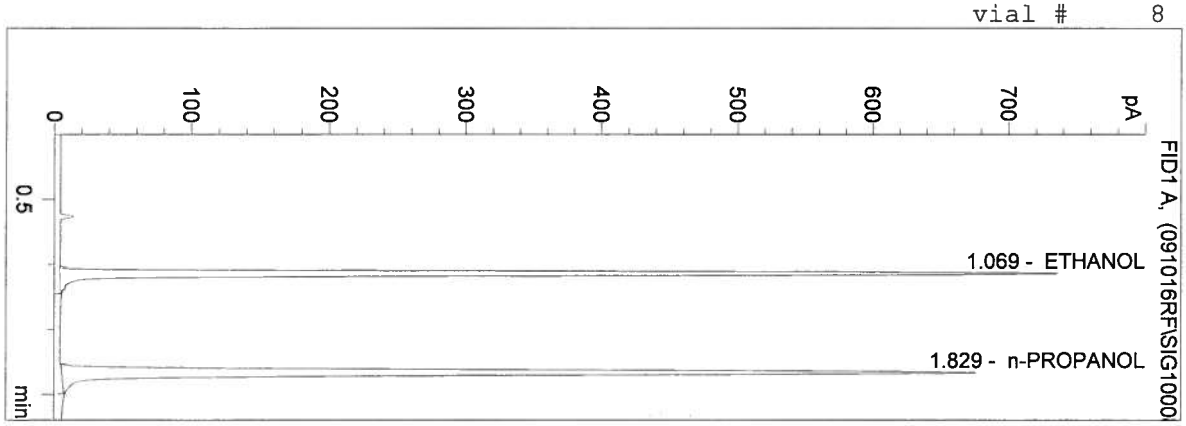
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:49:44 AM
Instrument 3
db-alc2

0.20 CONTROL-RF
Rebecca Flaherty

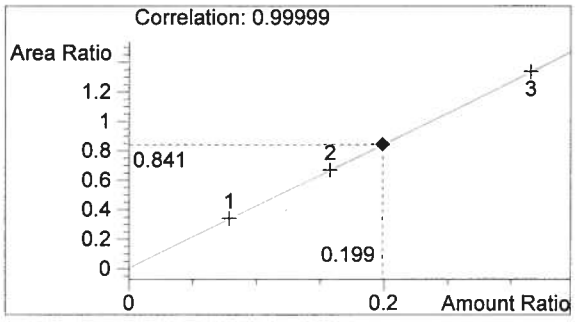
vial # 8



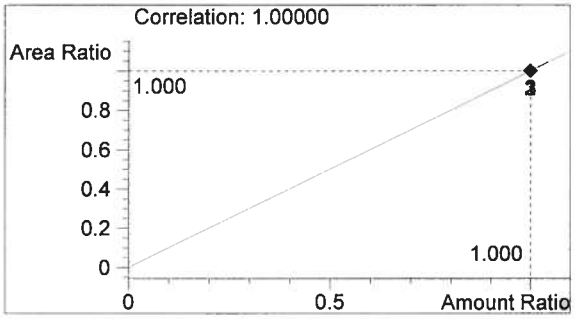
RF

#	Compound	Area	RT
1	ETHANOL	1625	1.069
2	n-PROPANOL	1932	1.829

Totals:



ETHANOL 0.199 g/100ml



n-PROPANOL 1.000 g/100ml

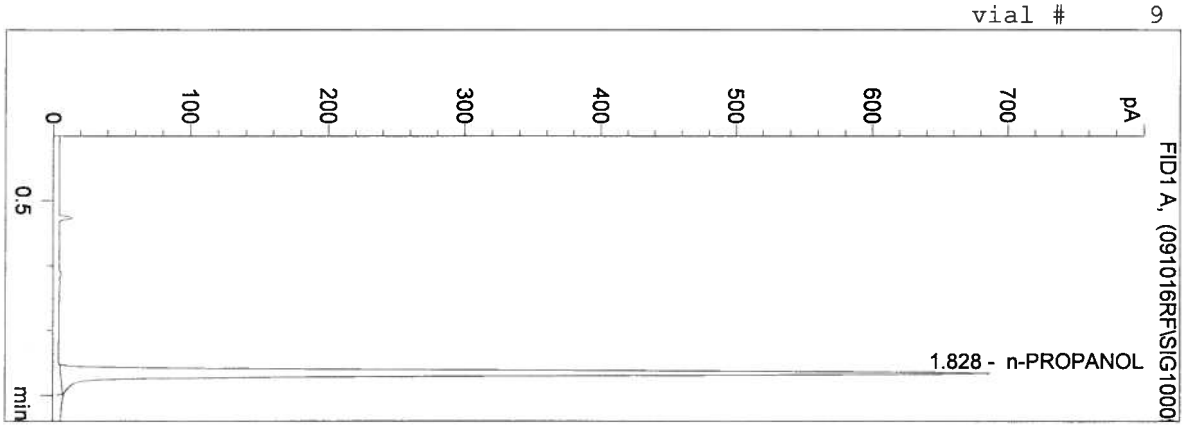
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:52:52 AM
Instrument 3
db-alc2

NEG CONTROL-RF
Rebecca Flaherty

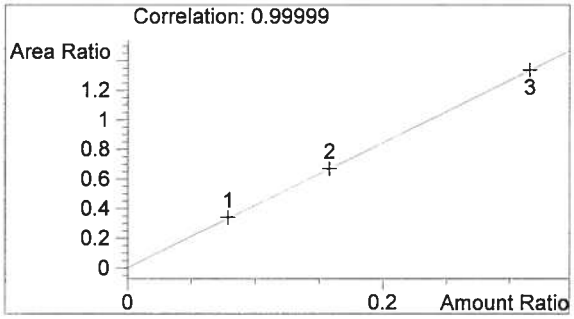
vial # 9



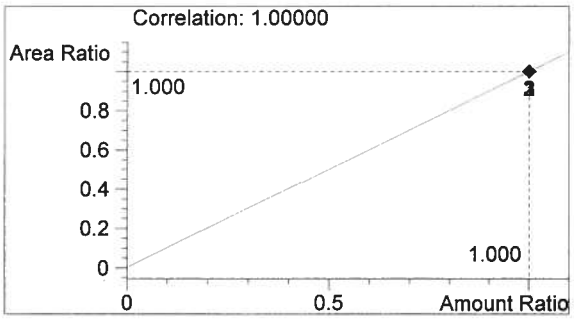
RF

#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1963	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

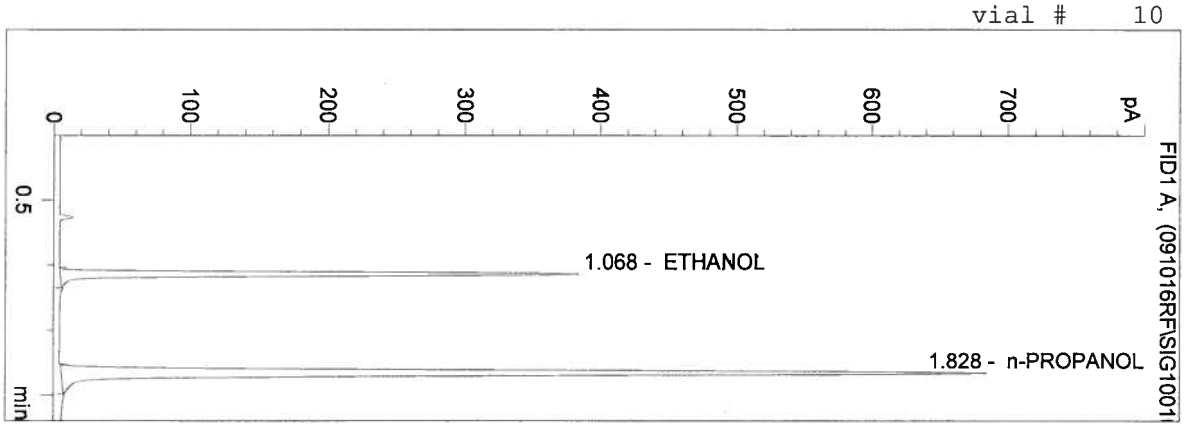
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:55:59 AM
Instrument 3
db-alc2

09049 #1
Rebecca Flaherty

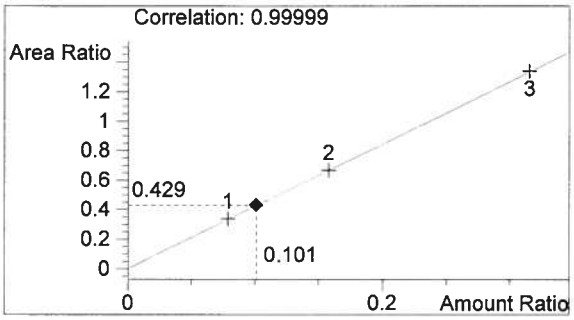
vial # 10



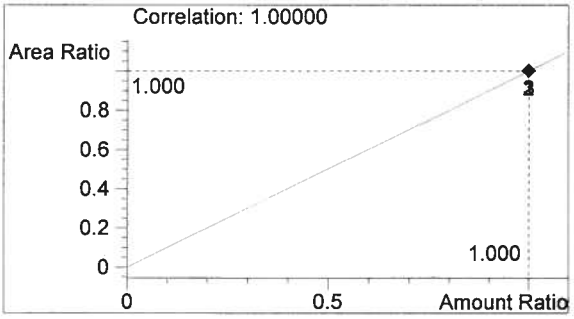
RF

#	Compound	Area	RT
1	ETHANOL	838	1.068
2	n-PROPANOL	1953	1.828

Totals:



ETHANOL 0.101 g/100ml



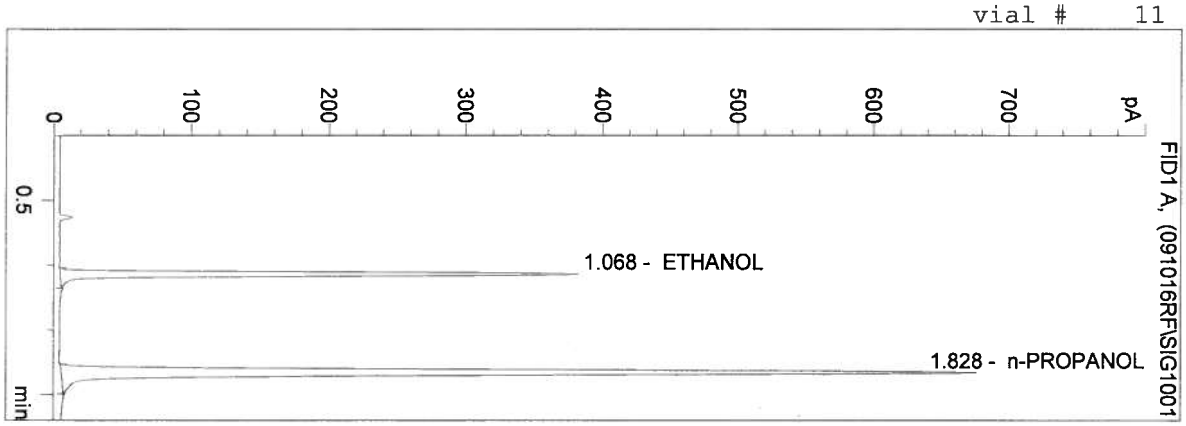
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 9:59:07 AM
Instrument 3
db-alc2

09049 #2
Rebecca Flaherty

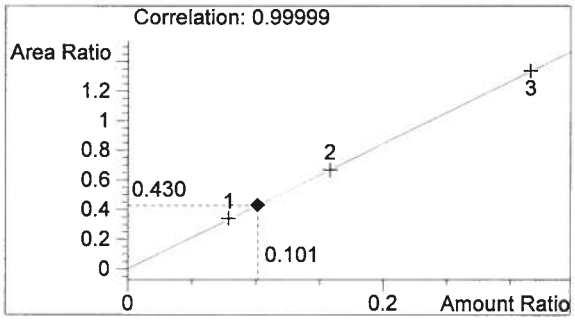
vial # 11



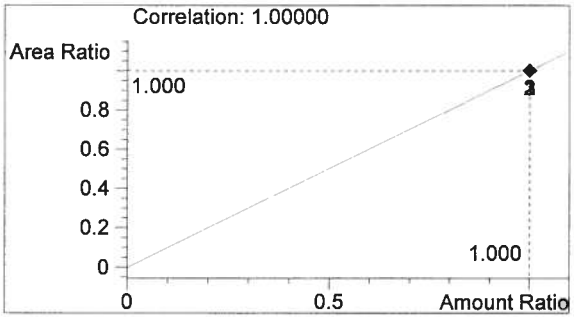
RF

#	Compound	Area	RT
1	ETHANOL	831	1.068
2	n-PROPANOL	1934	1.828

Totals:



ETHANOL 0.101 g/100ml



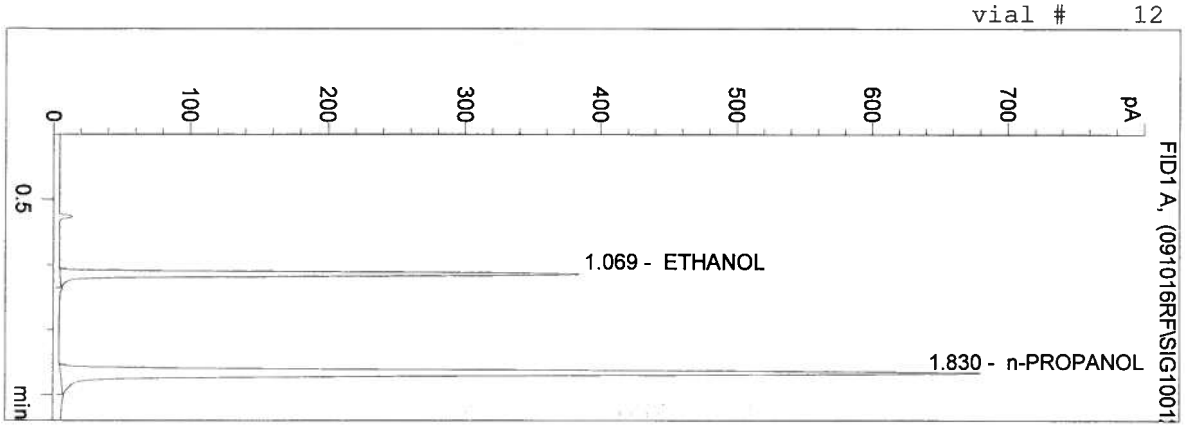
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 10:02:15 AM
Instrument 3
db-alc2

09049 #3
Rebecca Flaherty

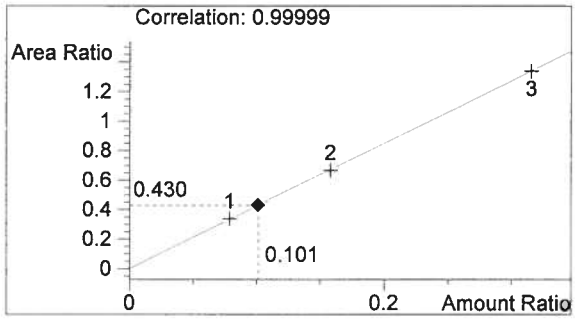
vial # 12



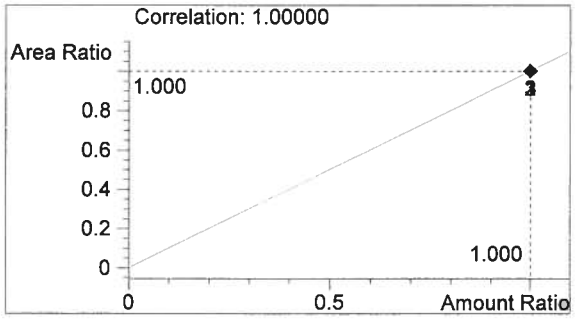
RF

#	Compound	Area	RT
1	ETHANOL	837	1.069
2	n-PROPANOL	1946	1.830

Totals:



ETHANOL 0.101 g/100ml



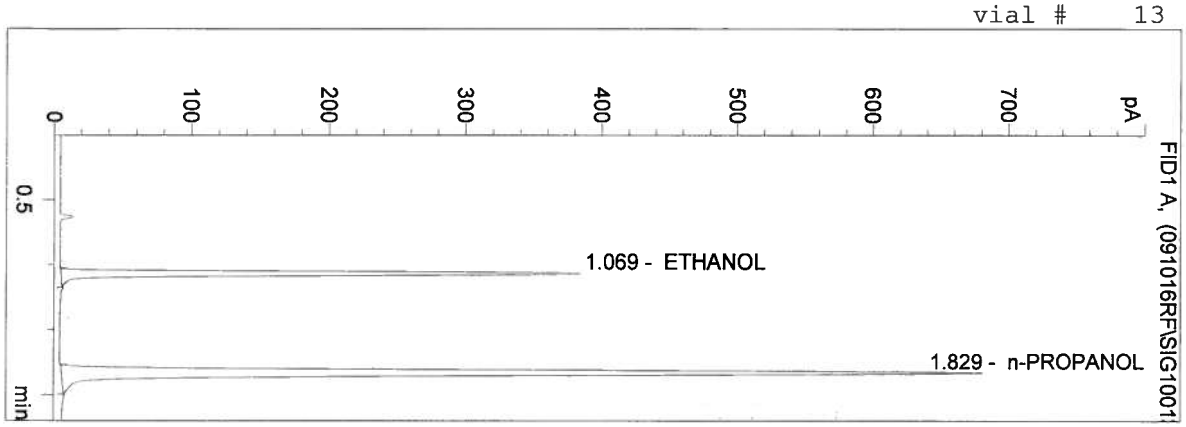
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 10:05:22 AM
Instrument 3
db-alc2

09049 #4
Rebecca Flaherty

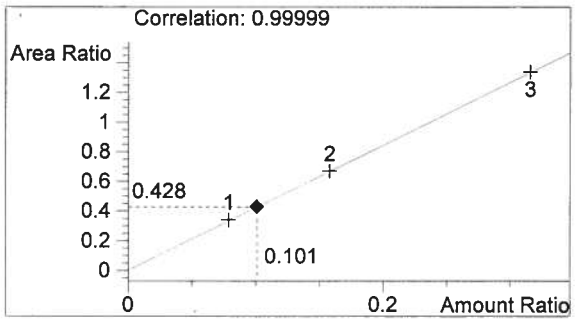
vial # 13



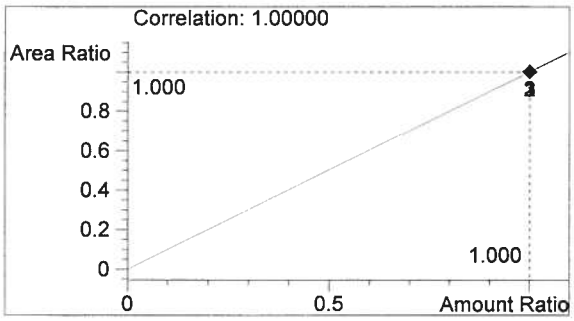
RF

#	Compound	Area	RT
1	ETHANOL	831	1.069
2	n-PROPANOL	1942	1.829

Totals:



ETHANOL 0.101 g/100ml



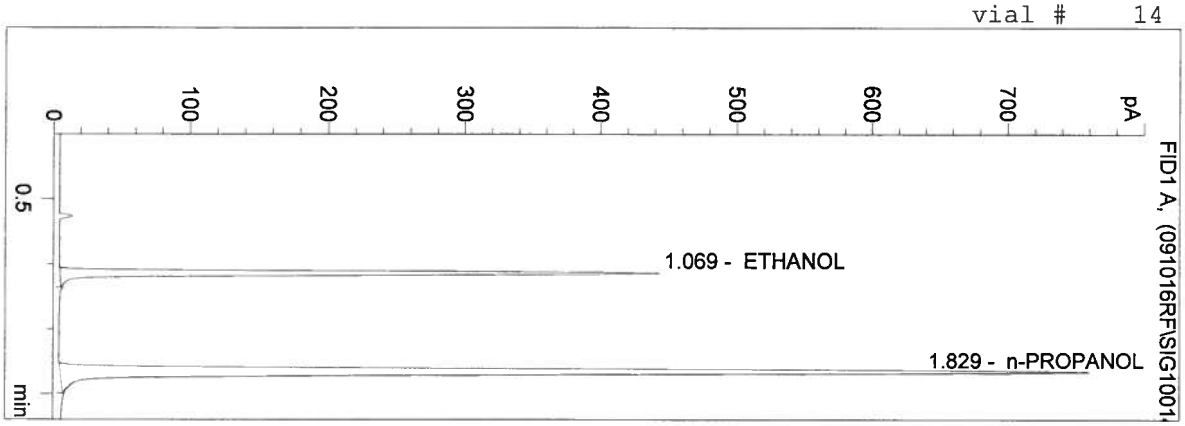
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 10:08:30 AM
Instrument 3
db-alc2

09049 #5
Rebecca Flaherty

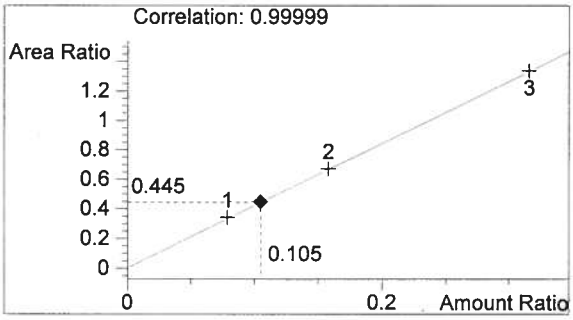
vial # 14



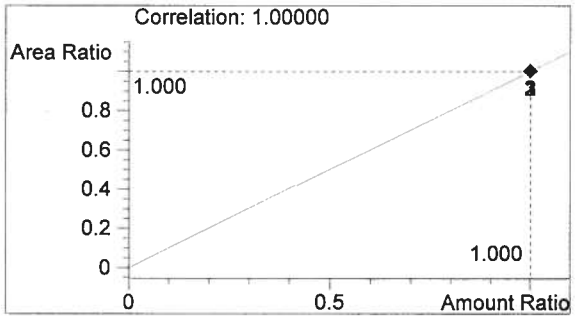
RF

#	Compound	Area	RT
1	ETHANOL	962	1.069
2	n-PROPANOL	2161	1.829

Totals:



ETHANOL 0.105 g/100ml



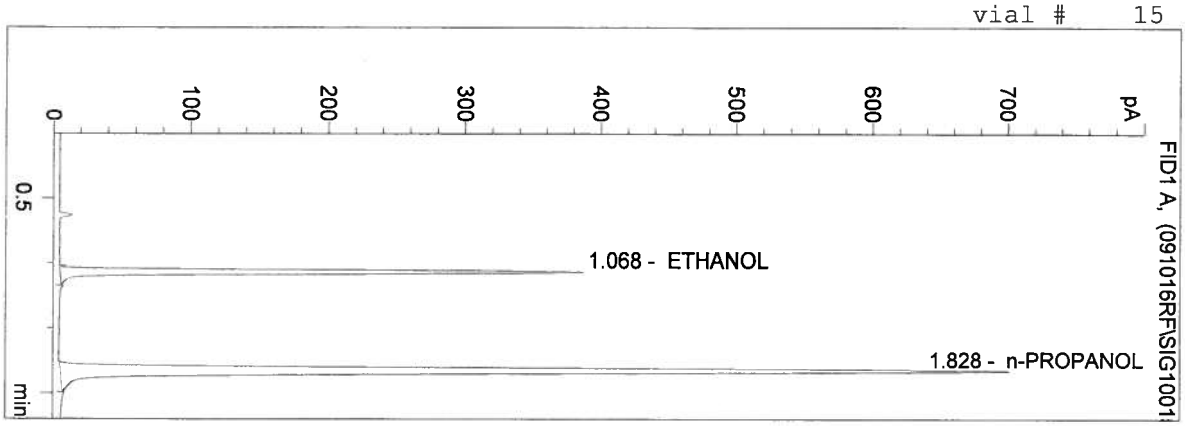
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 10:11:38 AM
Instrument 3
db-alc2

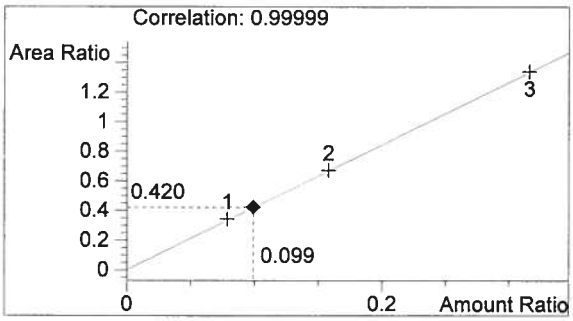
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

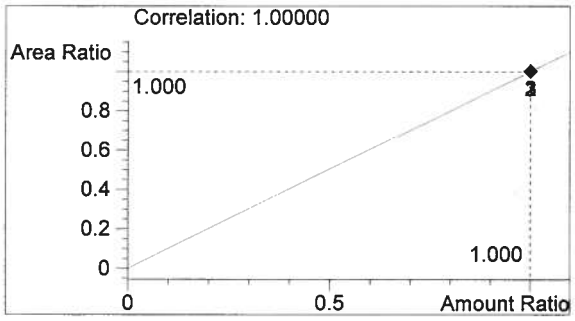


RF

#	Compound	Area	RT
1	ETHANOL	839	1.068
2	n-PROPANOL	1997	1.828
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

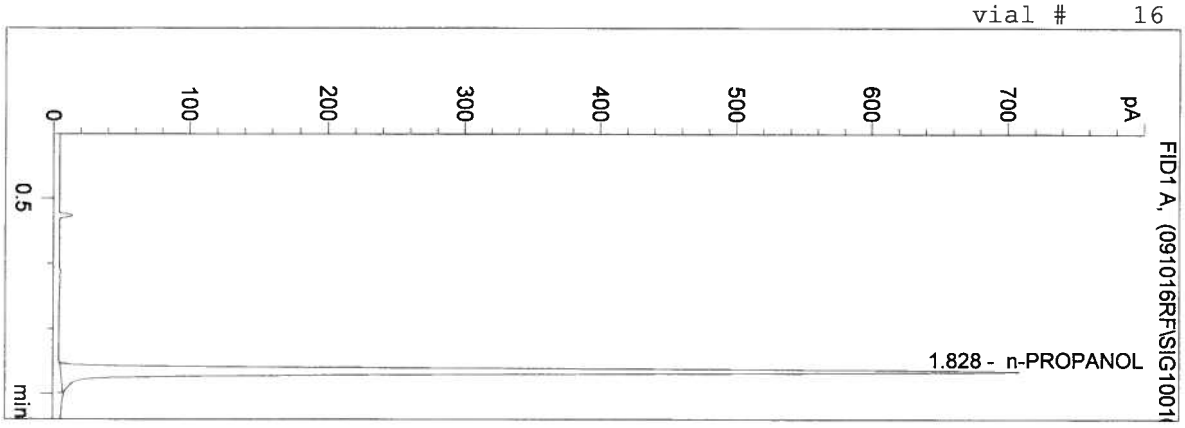
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 10:14:46 AM
Instrument 3
db-alc2

NEG CONTROL-RF
Rebecca Flaherty

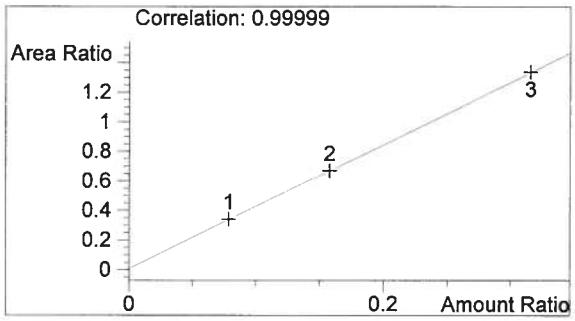
vial # 16



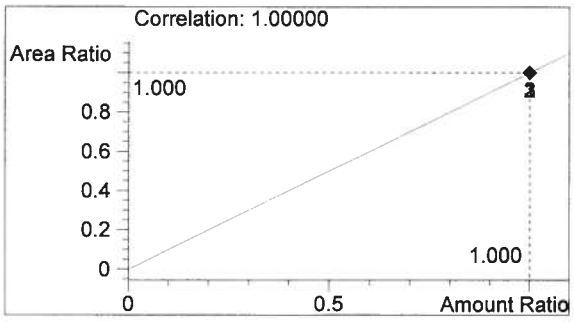
RF

#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2021	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09049

Sequence Parameters:

Operator:	Brianna Peterson
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:	091016BP
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 - BP	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC	1	Ctrl Samp		
10	Vial 10	09049 #1	SIMALC	1	Sample		
11	Vial 11	09049 #2	SIMALC	1	Sample		
12	Vial 12	09049 #3	SIMALC	1	Sample		
13	Vial 13	09049 #4	SIMALC	1	Sample		
14	Vial 14	09049 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL - BP	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BP	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	

09049

BP

Sequence Table (Back Injector):

No entries - empty table!

09049

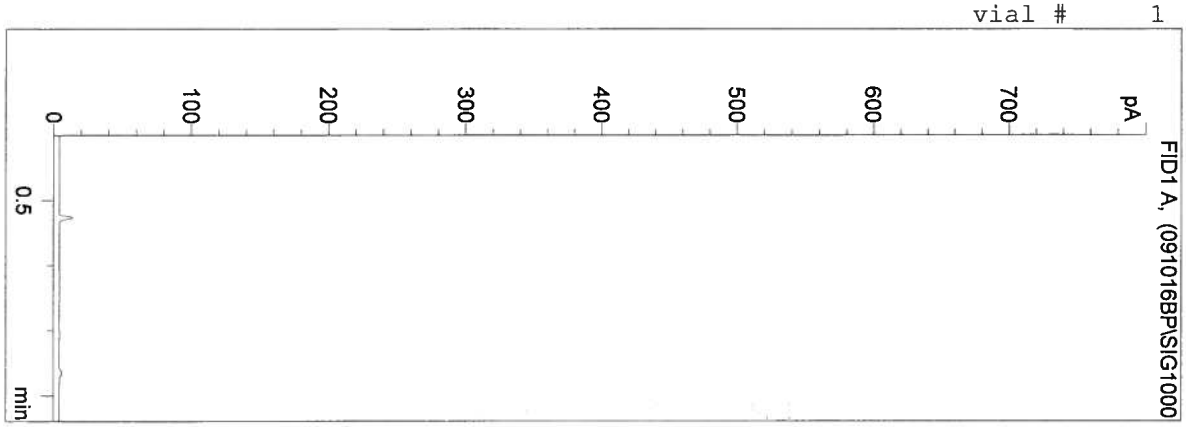
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:03:25 PM
Instrument 3
db-alc2

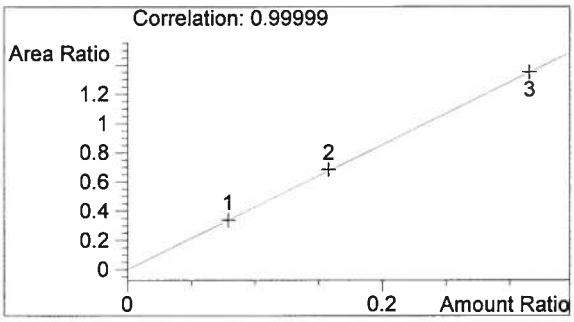
blank
Brianna Peterson

vial # 1

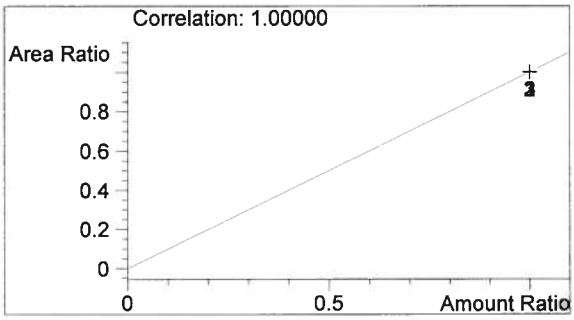


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09049

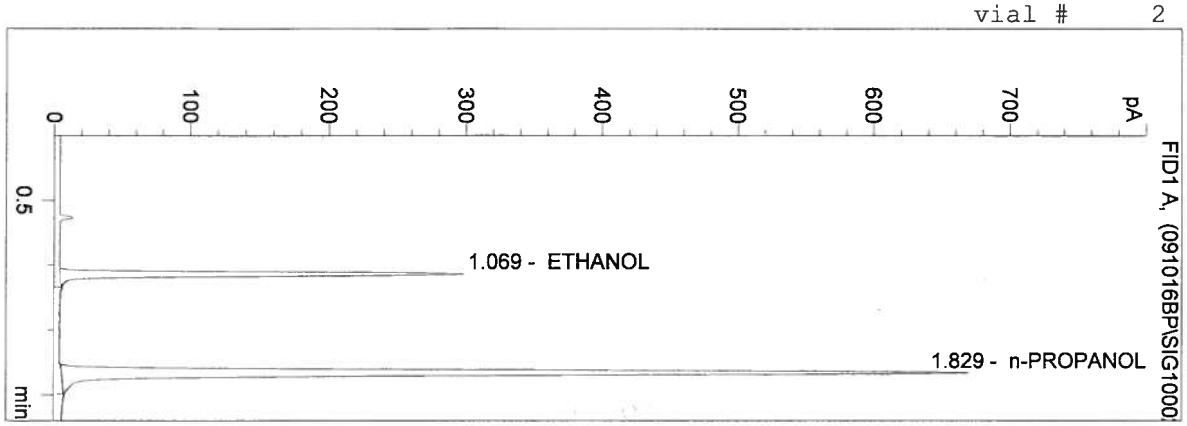
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:06:32 PM
Instrument 3
db-alc2

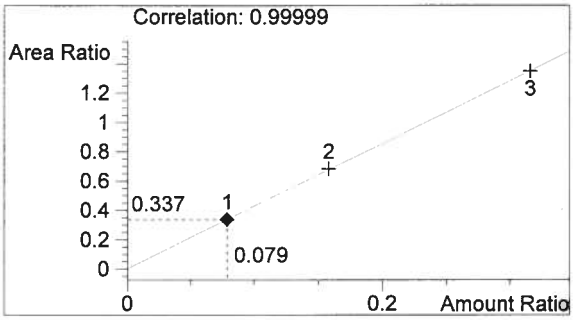
0.079 CAL 1
Brianna Peterson

vial # 2

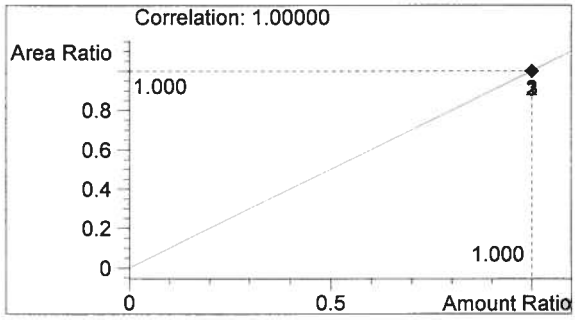


#	Compound	Area	RT
1	ETHANOL	642	1.069
2	n-PROPANOL	1903	1.829

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

09049

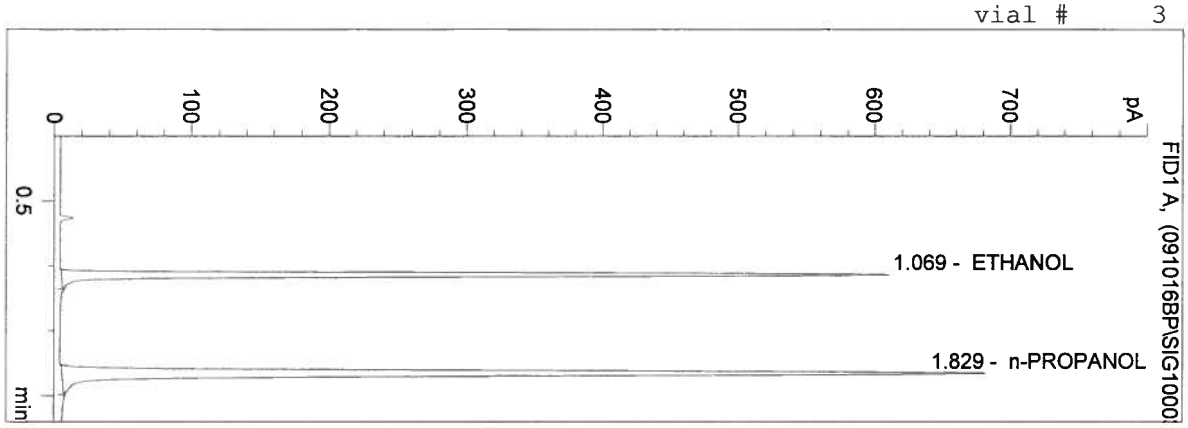
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:09:40 PM
Instrument 3
db-alc2

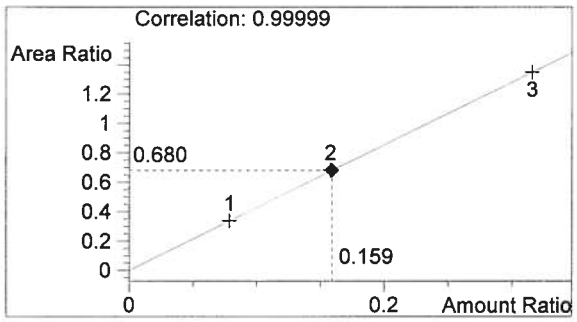
0.158 CAL 2
Brianna Peterson

vial # 3

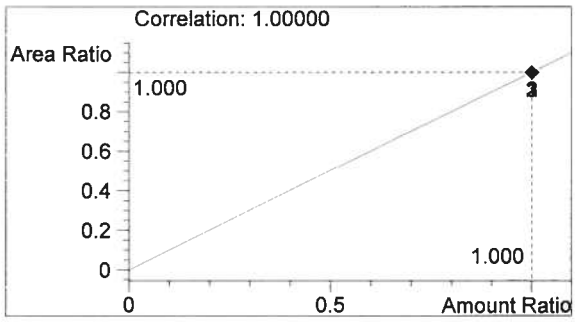


#	Compound	Area	RT
1	ETHANOL	1316	1.069
2	n-PROPANOL	1936	1.829

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

09049

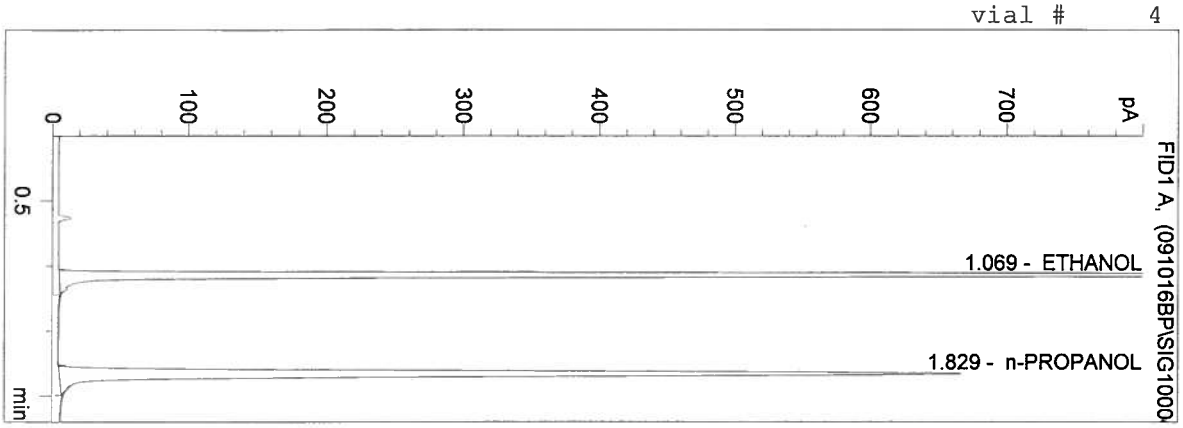
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:12:48 PM
Instrument 3
db-alc2

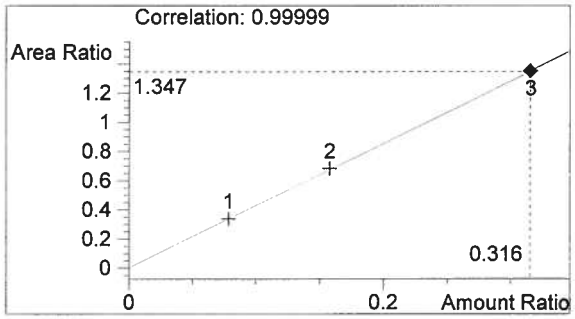
0.316 CAL 3
Brianna Peterson

vial # 4

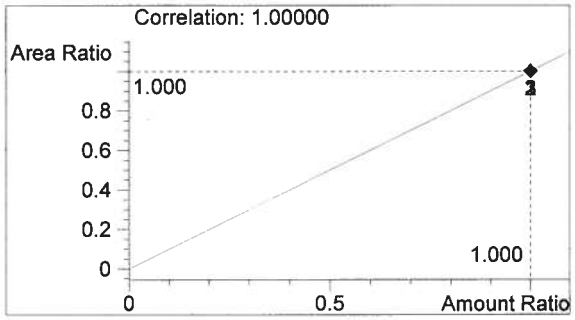


#	Compound	Area	RT
1	ETHANOL	2550	1.069
2	n-PROPANOL	1893	1.829

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

09049

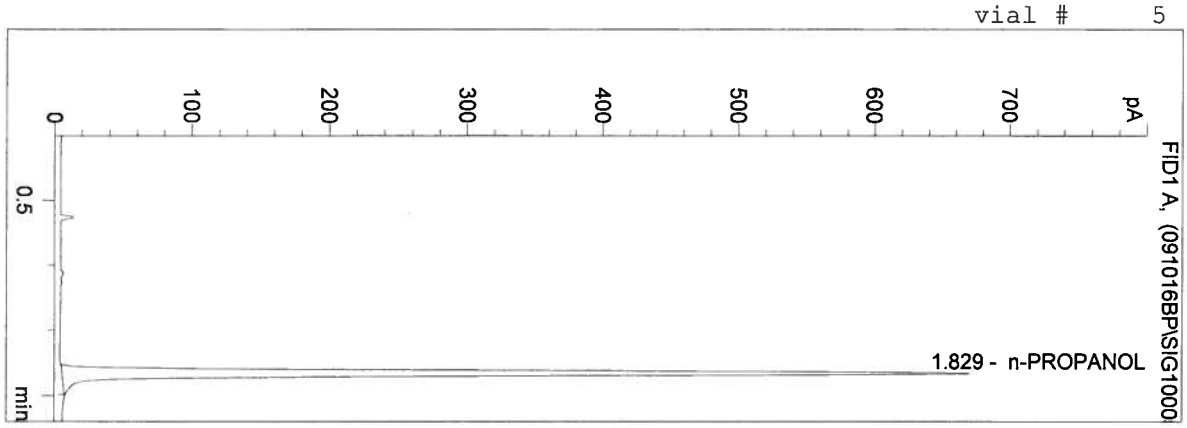
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:15:56 PM
Instrument 3
db-alc2

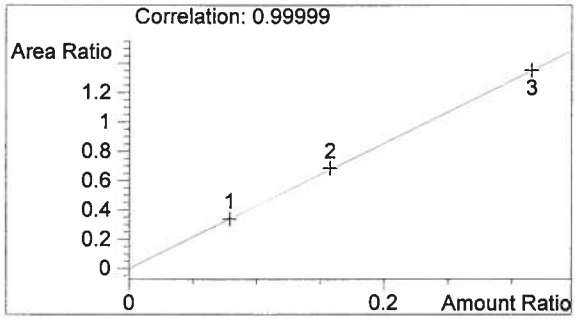
NEG CTRL - BP
Brianna Peterson

vial # 5

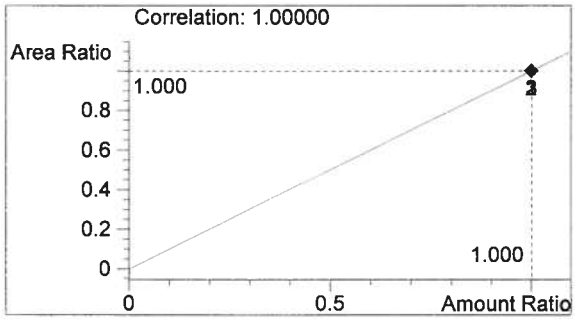


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1904	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09049

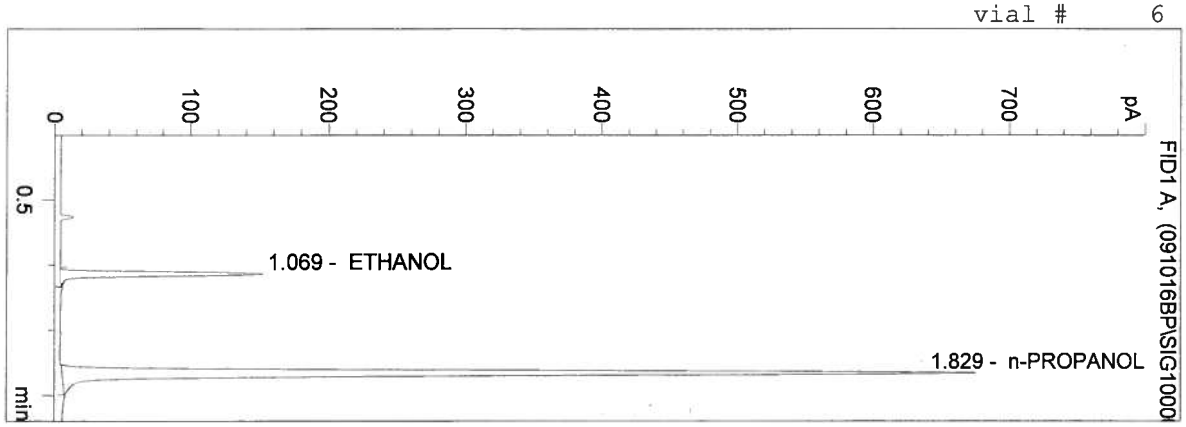
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:19:03 PM
Instrument 3
db-alc2

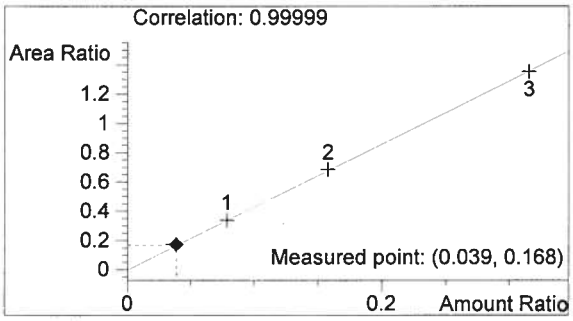
0.04 CTRL - BP
Brianna Peterson

vial # 6

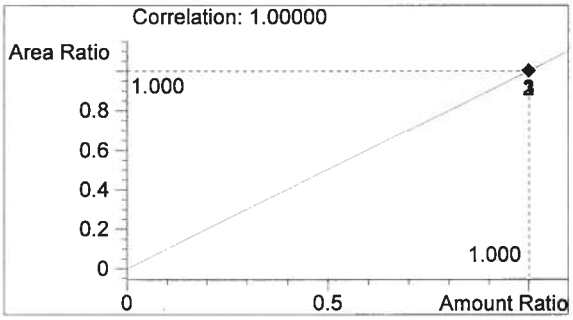


#	Compound	Area	RT
1	ETHANOL	323	1.069
2	n-PROPANOL	1918	1.829

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

09049

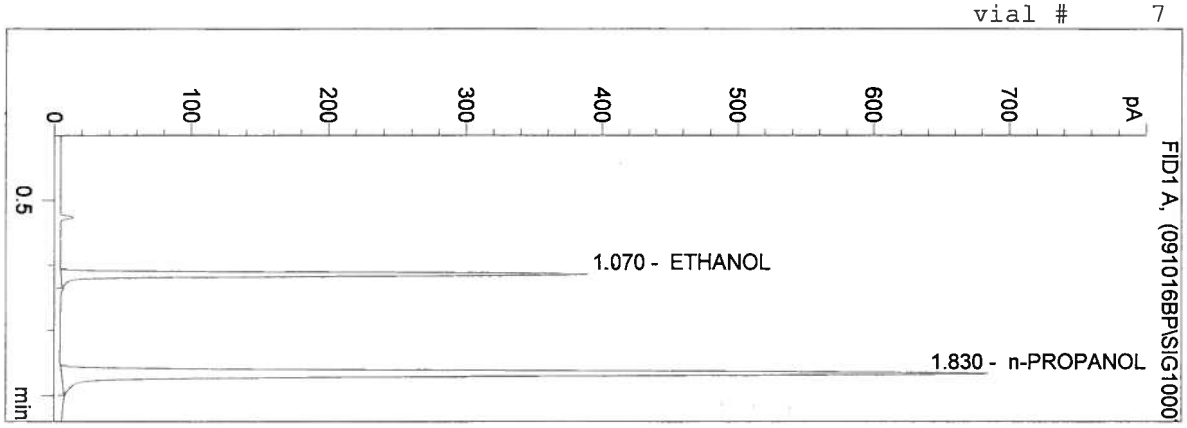
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:22:11 PM
Instrument 3
db-alc2

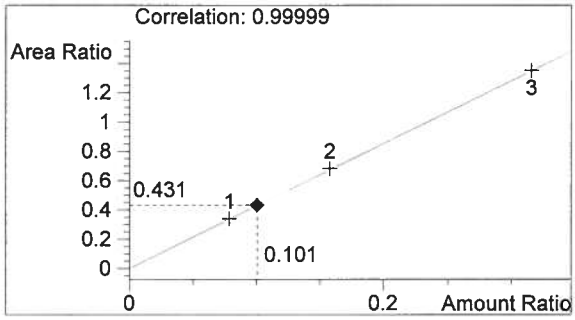
0.10 CTRL - BP
Brianna Peterson

vial # 7

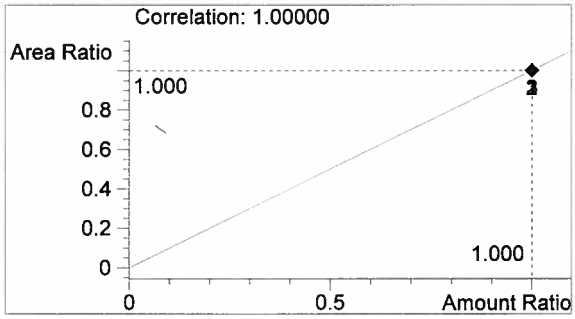


#	Compound	Area	RT
1	ETHANOL	838	1.070
2	n-PROPANOL	1945	1.830

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

09049

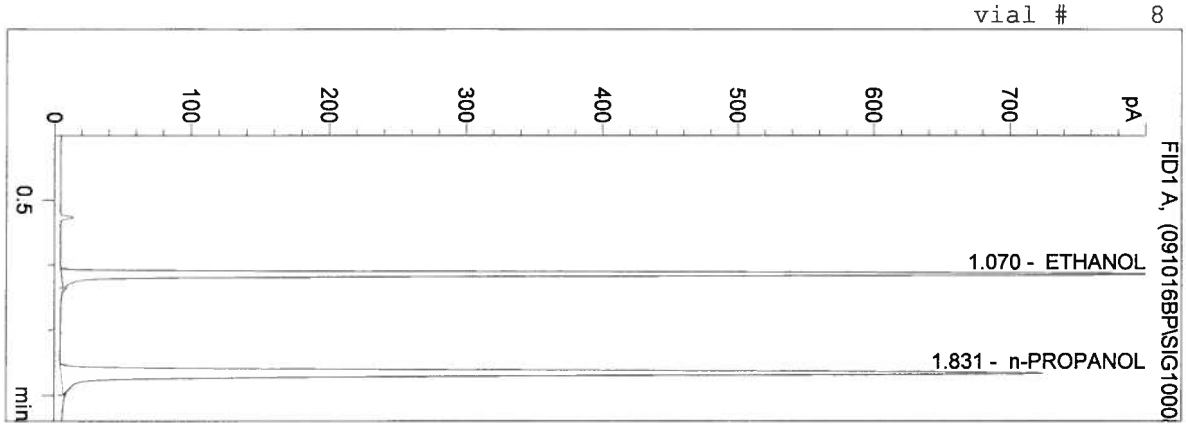
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:25:19 PM
Instrument 3
db-alc2

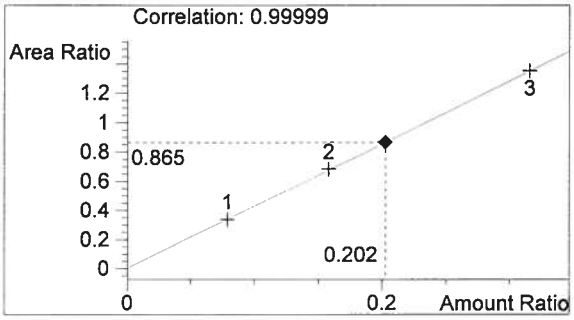
0.20 CTRL - BP
Brianna Peterson

vial # 8

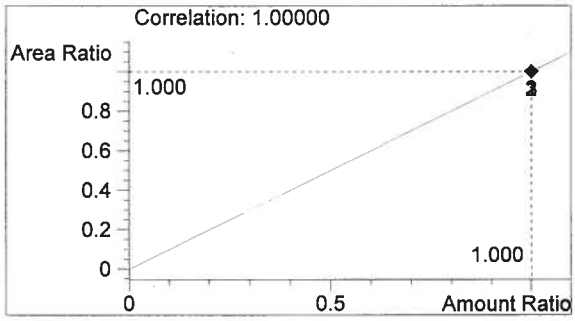


#	Compound	Area	RT
1	ETHANOL	1780	1.070
2	n-PROPANOL	2058	1.831

Totals:



ETHANOL 0.202 g/100ml



n-PROPANOL 1.000 g/100ml

09049

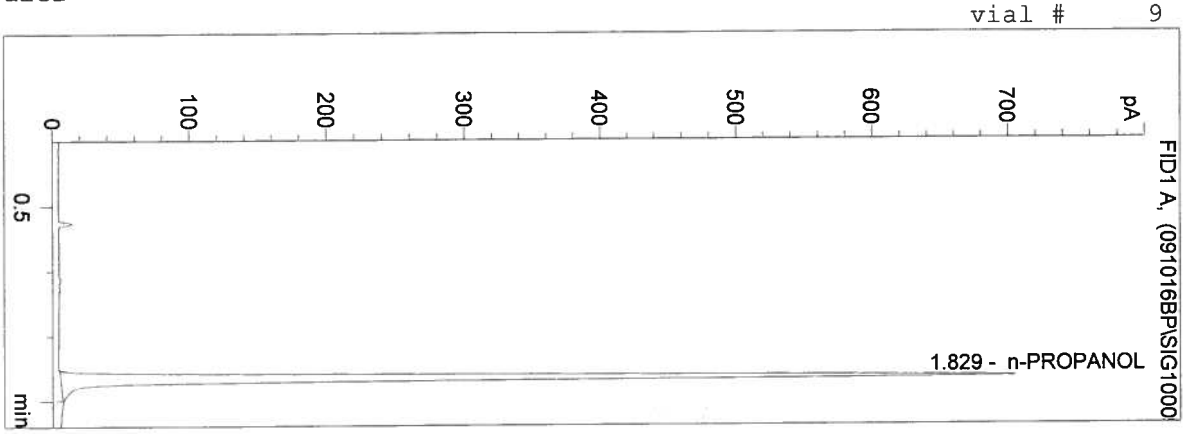
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:28:27 PM
Instrument 3
db-alc2

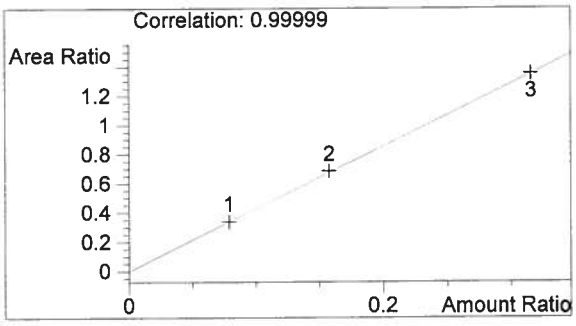
NEG CTRL - BP
Brianna Peterson

vial # 9

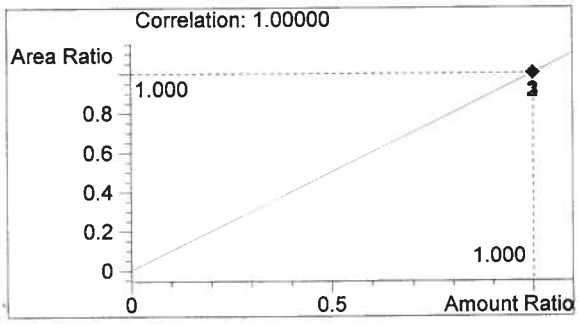


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1999	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09049

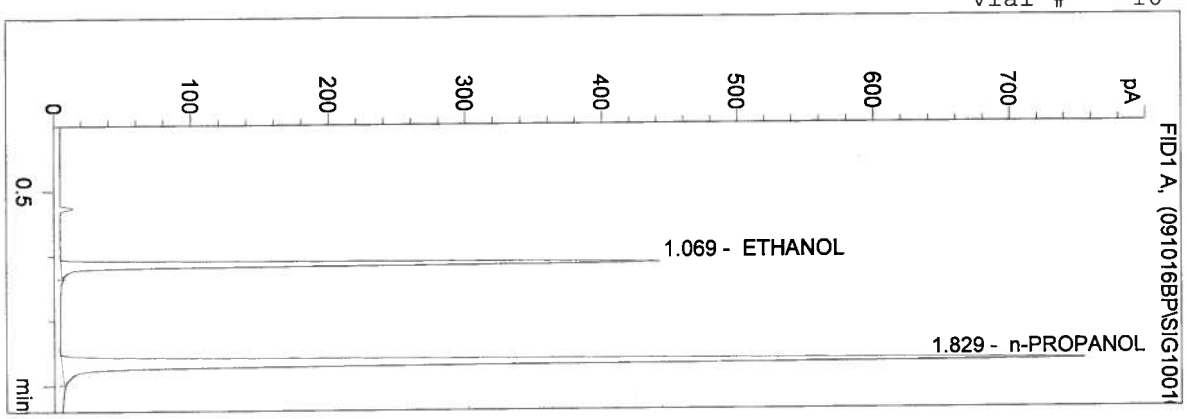
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:31:34 PM
Instrument 3
db-alc2

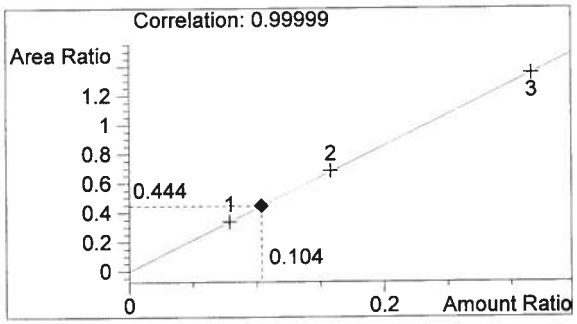
09049 #1
Brianna Peterson

vial # 10

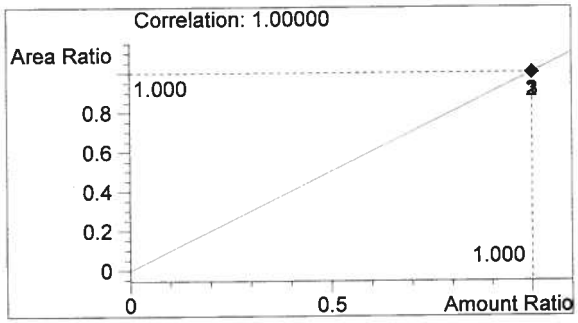


#	Compound	Area	RT
1	ETHANOL	951	1.069
2	n-PROPANOL	2140	1.829

Totals:



ETHANOL 0.104 g/100ml



n-PROPANOL 1.000 g/100ml

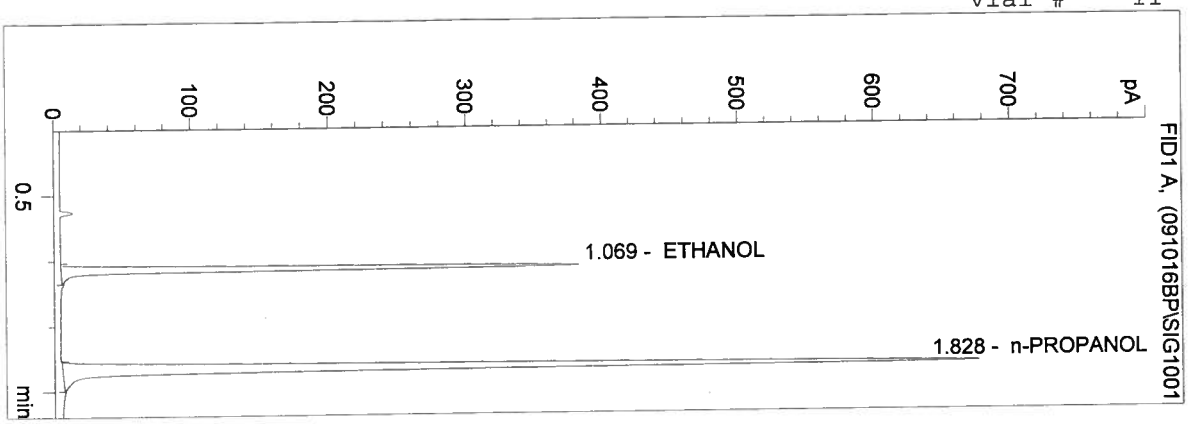
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:34:42 PM
Instrument 3
db-alc2

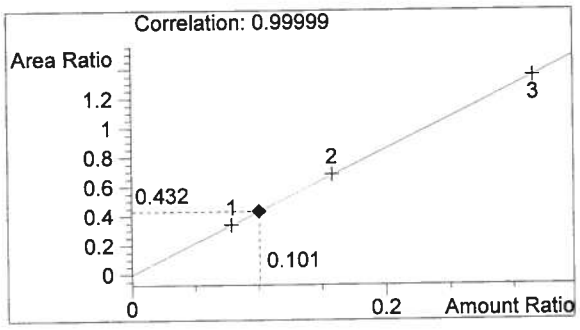
09049 #2
Brianna Peterson

vial # 11

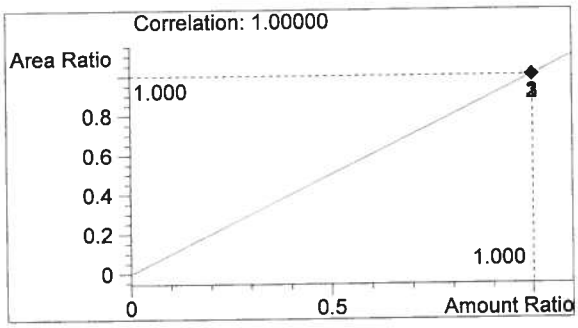


#	Compound	Area	RT
1	ETHANOL	832	1.069
2	n-PROPANOL	1927	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

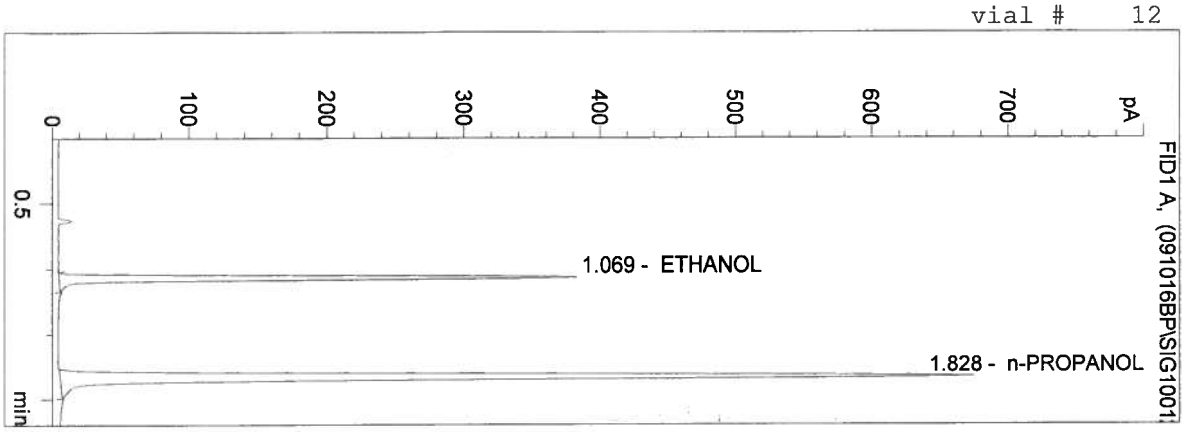
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:37:50 PM
Instrument 3
db-alc2

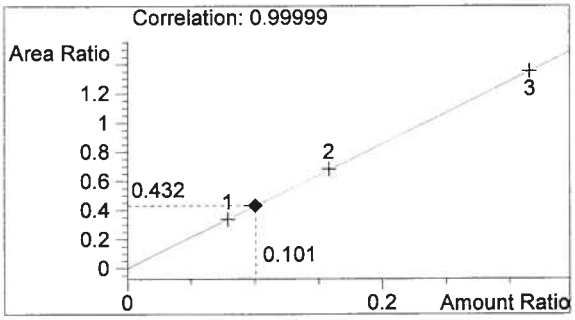
09049 #3
Brianna Peterson

vial # 12

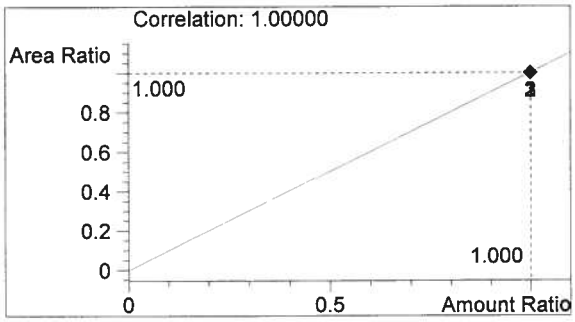


#	Compound	Area	RT
1	ETHANOL	828	1.069
2	n-PROPANOL	1918	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

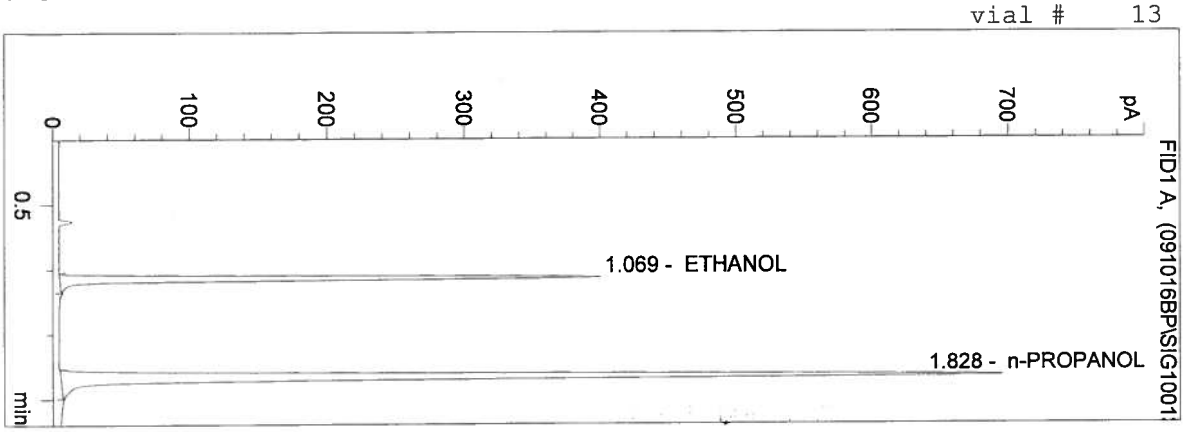
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:40:57 PM
Instrument 3
db-alc2

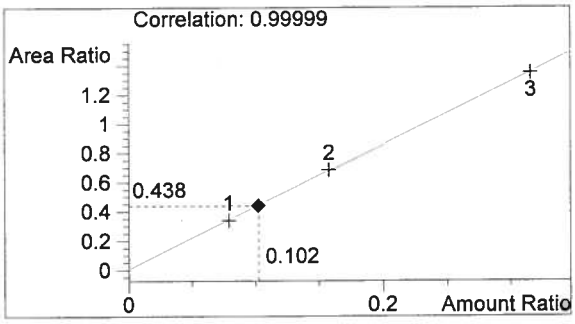
09049 #4
Brianna Peterson

vial # 13

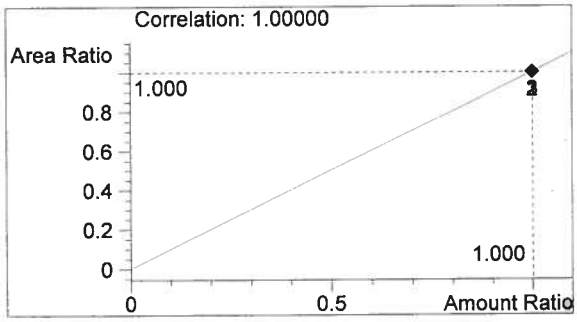


#	Compound	Area	RT
1	ETHANOL	869	1.069
2	n-PROPANOL	1983	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

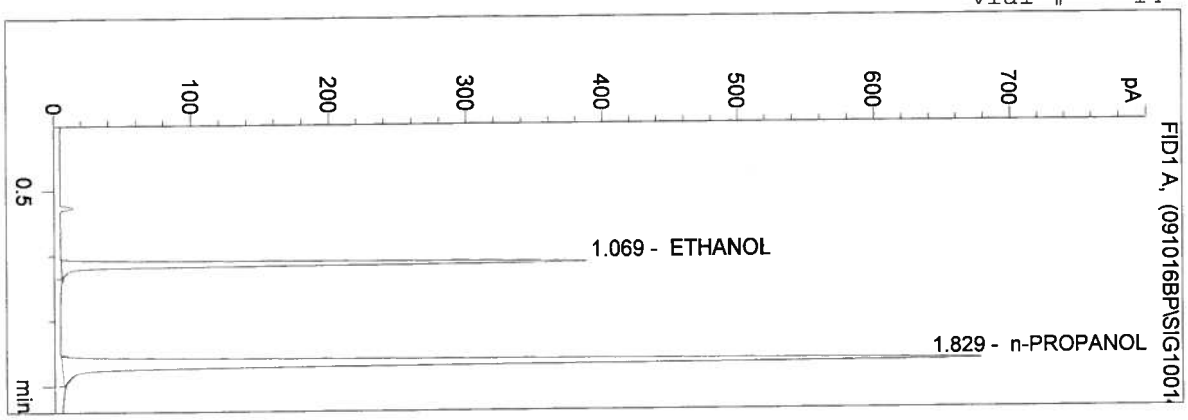
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

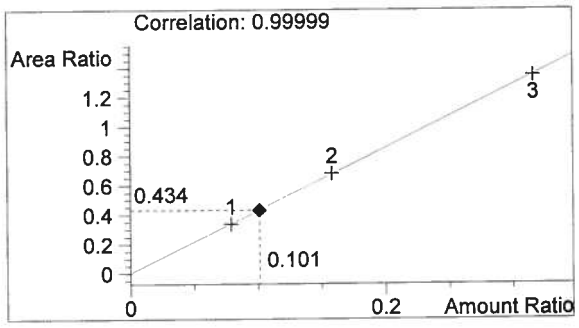
C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:44:05 PM
Instrument 3
db-alc2

09049 #5
Brianna Peterson

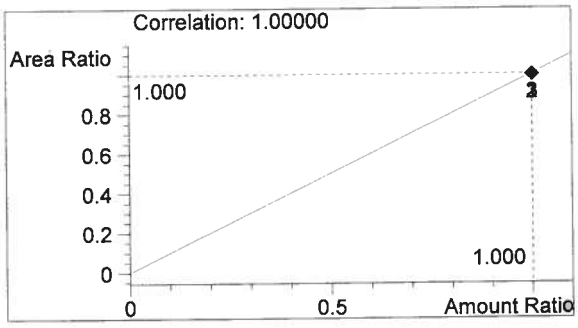
vial # 14



#	Compound	Area	RT
1	ETHANOL	835	1.069
2	n-PROPANOL	1925	1.829
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

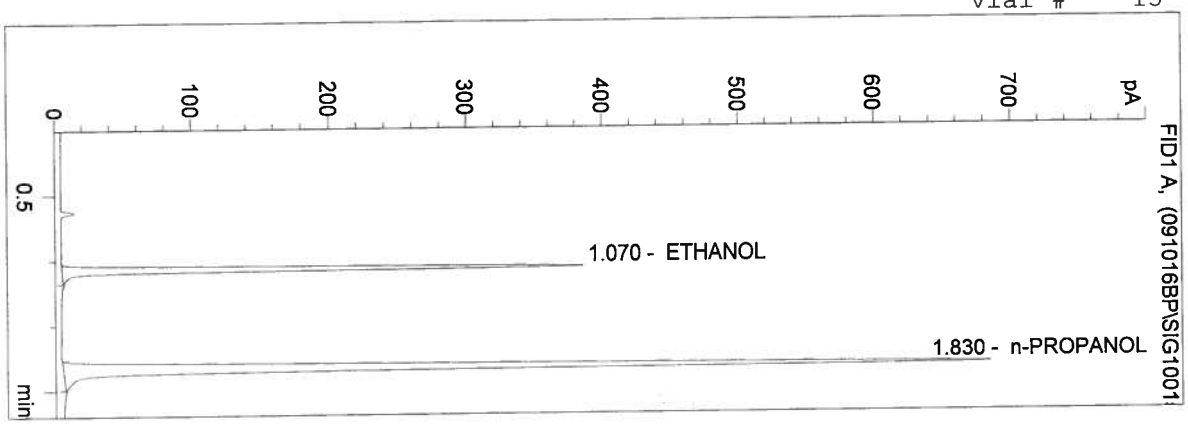
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:47:13 PM
Instrument 3
db-alc2

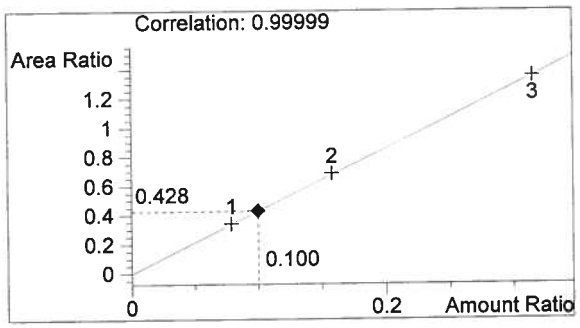
0.10 CTRL - BP
Brianna Peterson

vial # 15

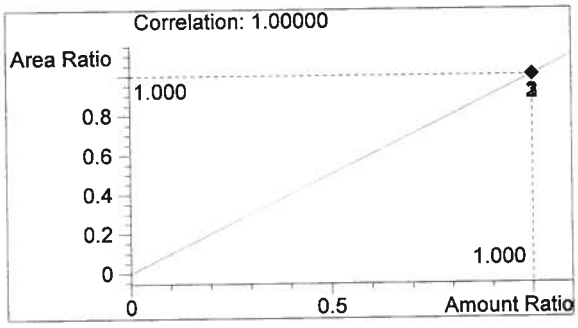


#	Compound	Area	RT
1	ETHANOL	832	1.070
2	n-PROPANOL	1947	1.830

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

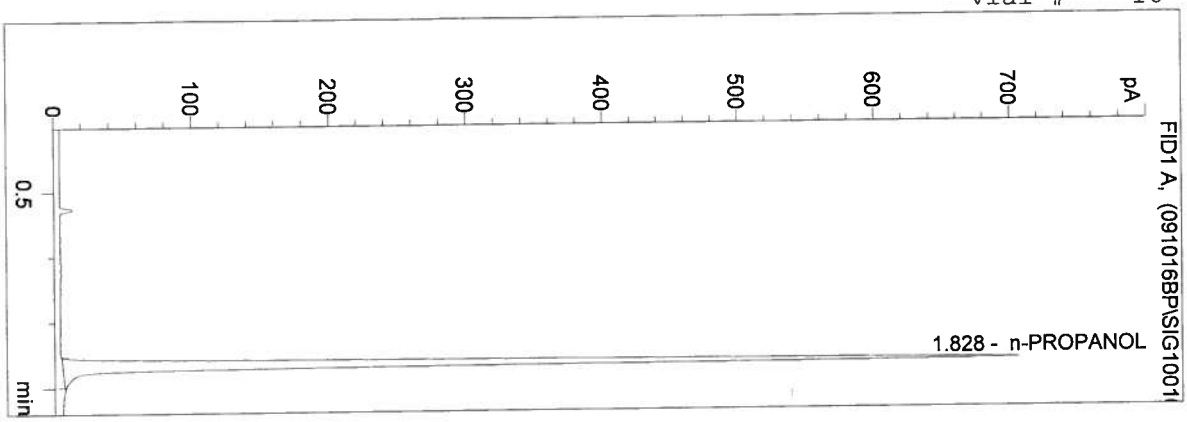
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 12:50:21 PM
Instrument 3
db-alc2

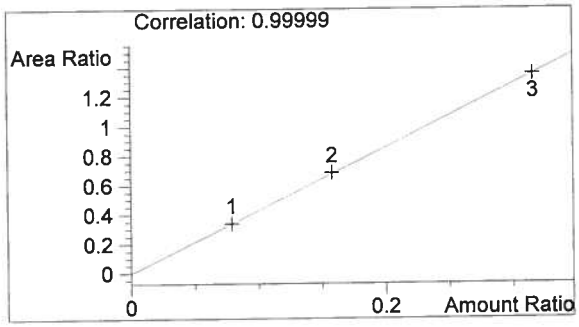
NEG CTRL - BP
Brianna Peterson

vial # 16

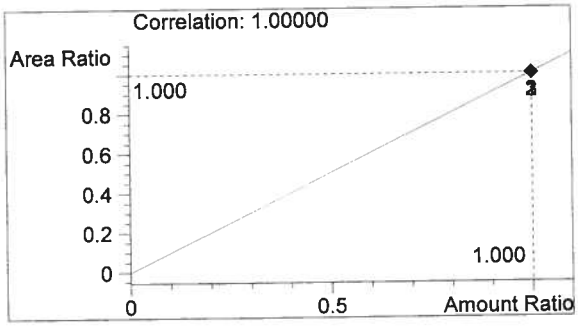


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2008	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09049

BP

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:	091016JK
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	09049-1	SIMALC	1	Sample		
11	Vial 11	09049-2	SIMALC	1	Sample		
12	Vial 12	09049-3	SIMALC	1	Sample		
13	Vial 13	09049-4	SIMALC	1	Sample		
14	Vial 14	09049-5	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	

09049

Sequence Table (Back Injector):

No entries - empty table!

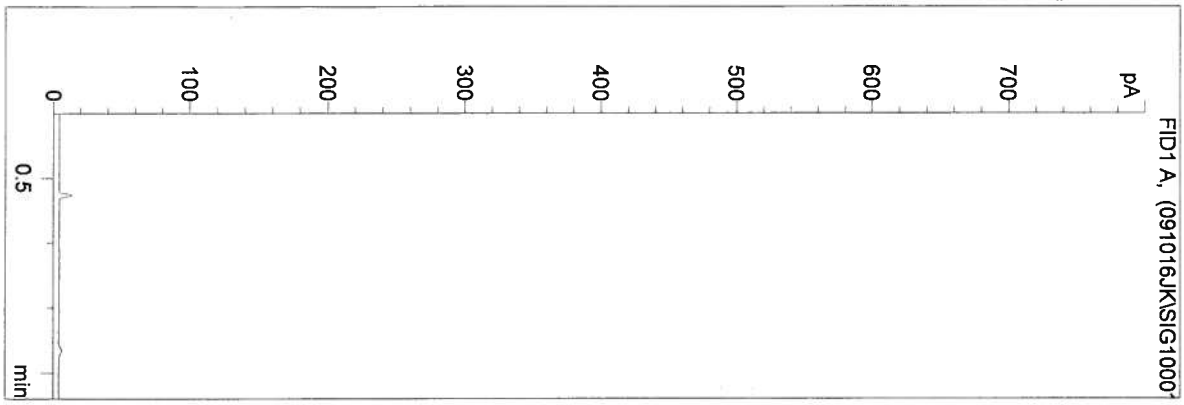
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:09:29 PM
Instrument 3
db-alc2

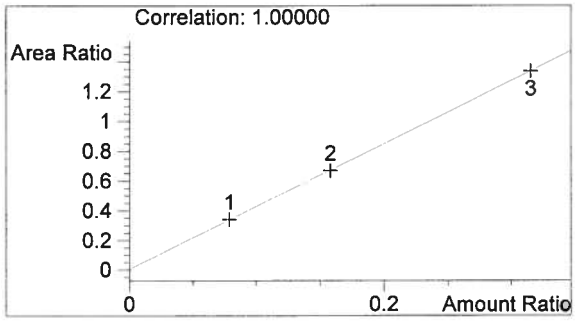
BLANK
Justin Knoy

vial # 1

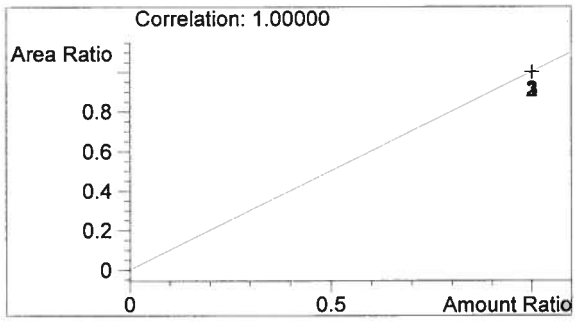


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09049

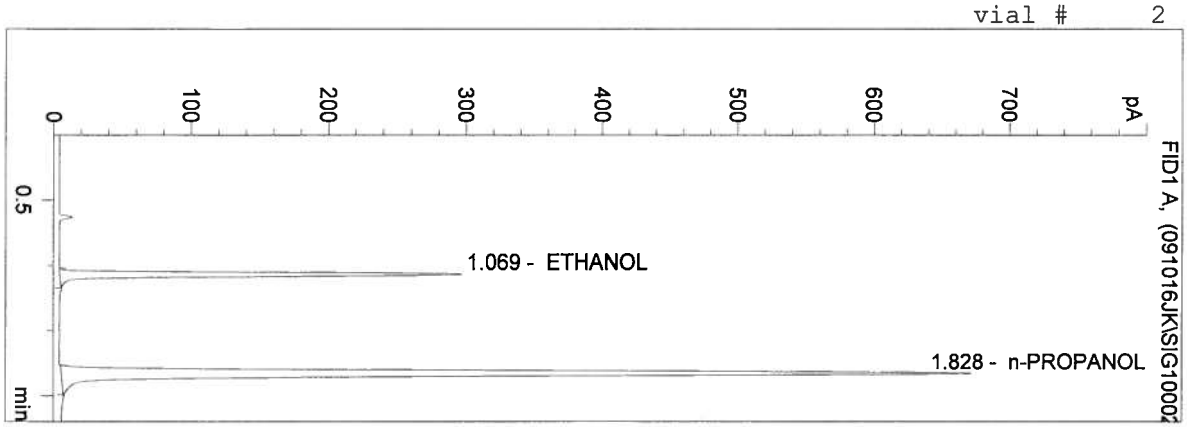
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

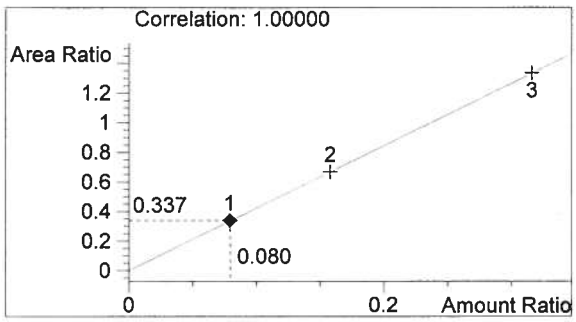
C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:12:37 PM
Instrument 3
db-alc2

0.079 CAL
Justin Knoy

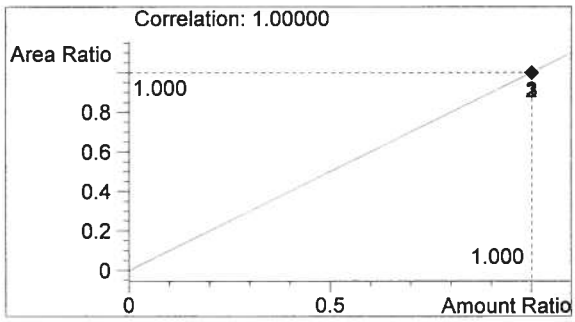
vial # 2



#	Compound	Area	RT
1	ETHANOL	644	1.069
2	n-PROPANOL	1913	1.828
Totals:			



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

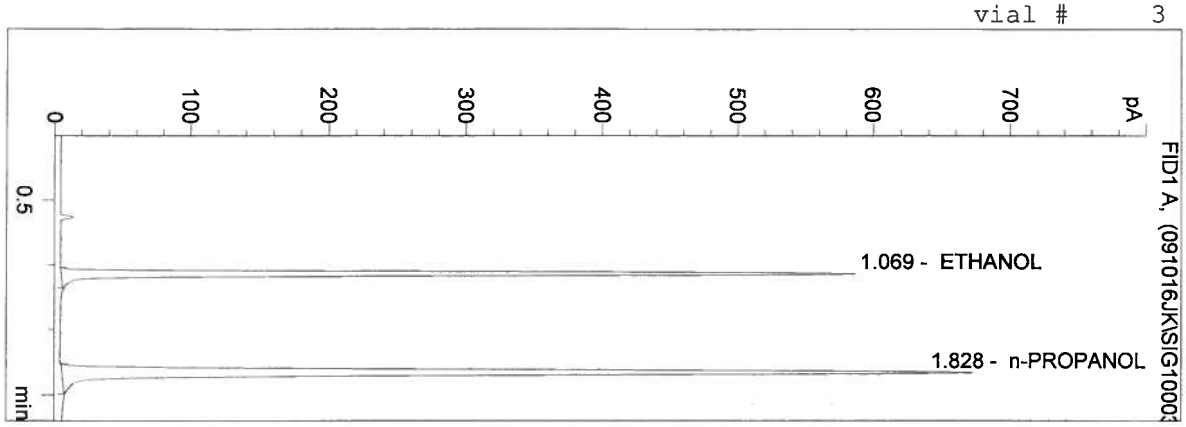
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:15:45 PM
Instrument 3
db-alc2

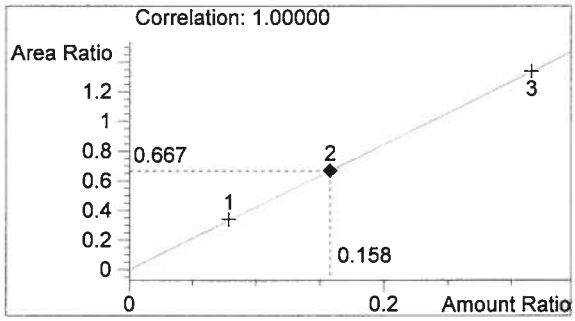
0.158 CAL
Justin Knoy

vial # 3

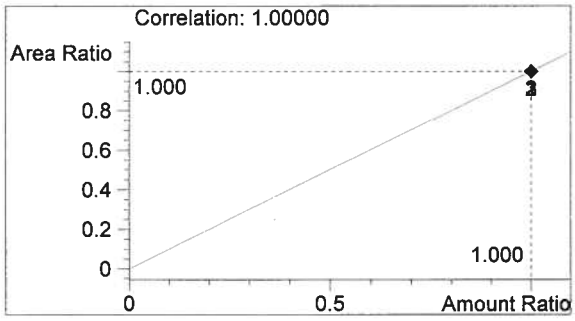


#	Compound	Area	RT
1	ETHANOL	1275	1.069
2	n-PROPANOL	1912	1.828

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

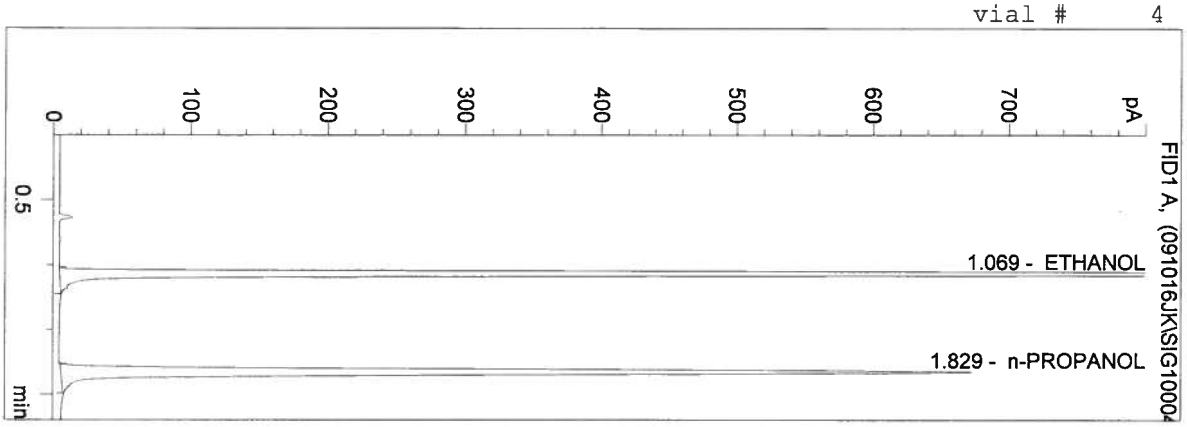
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:18:52 PM
Instrument 3
db-alc2

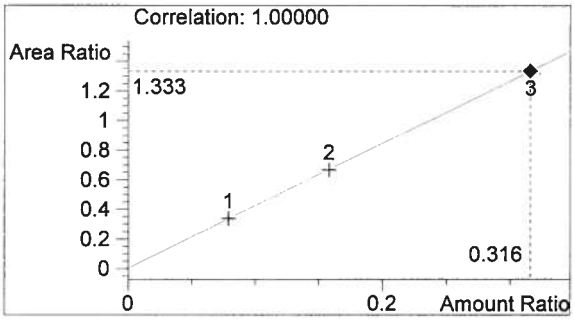
0.316 CAL
Justin Knoy

vial # 4

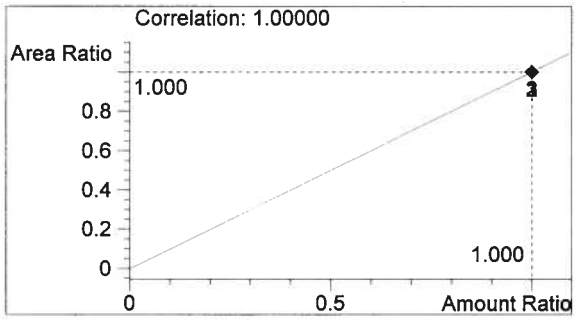


#	Compound	Area	RT
1	ETHANOL	2550	1.069
2	n-PROPANOL	1914	1.829

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

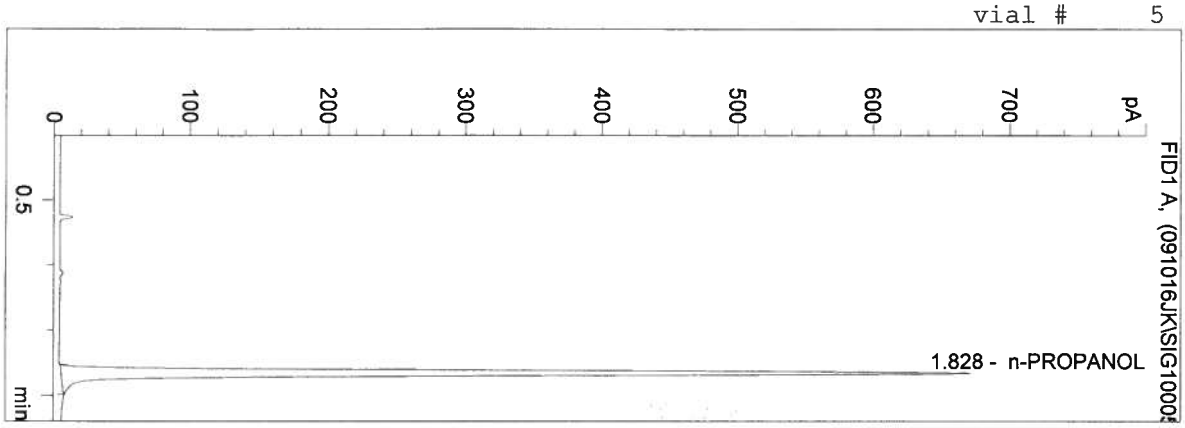
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:22:00 PM
Instrument 3
db-alc2

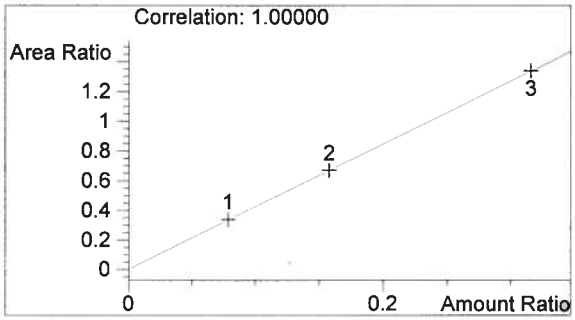
NEG CTRL JK
Justin Knoy

vial # 5

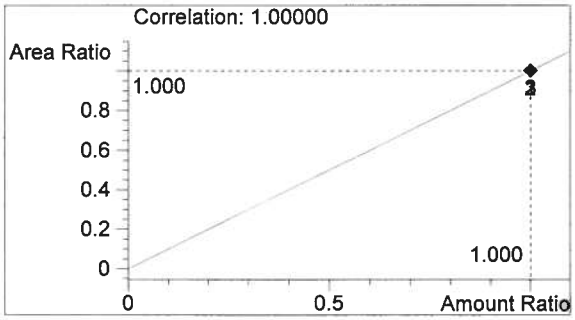


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1911	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

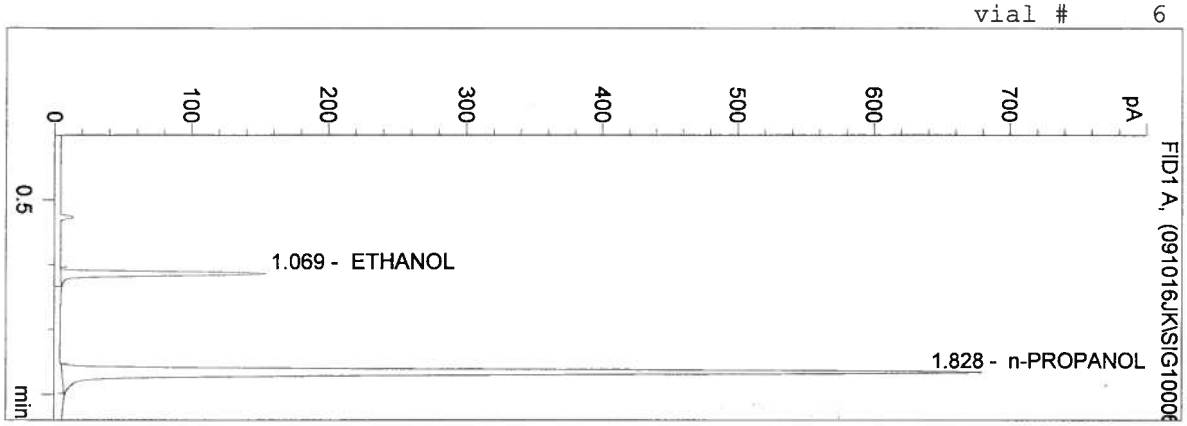
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:25:08 PM
Instrument 3
db-alc2

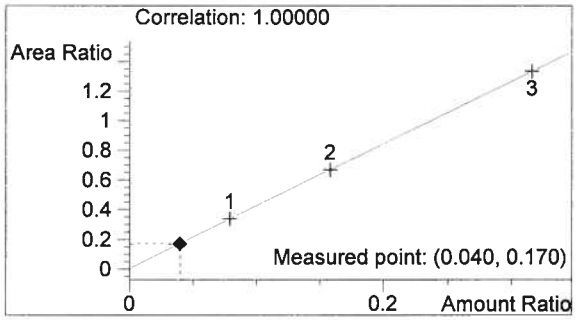
0.04 CTRL JK
Justin Knoy

vial # 6

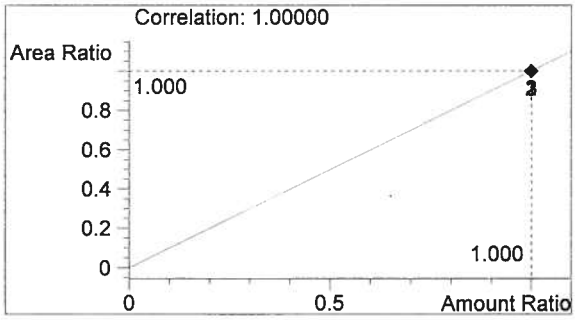


#	Compound	Area	RT
1	ETHANOL	329	1.069
2	n-PROPANOL	1938	1.828

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

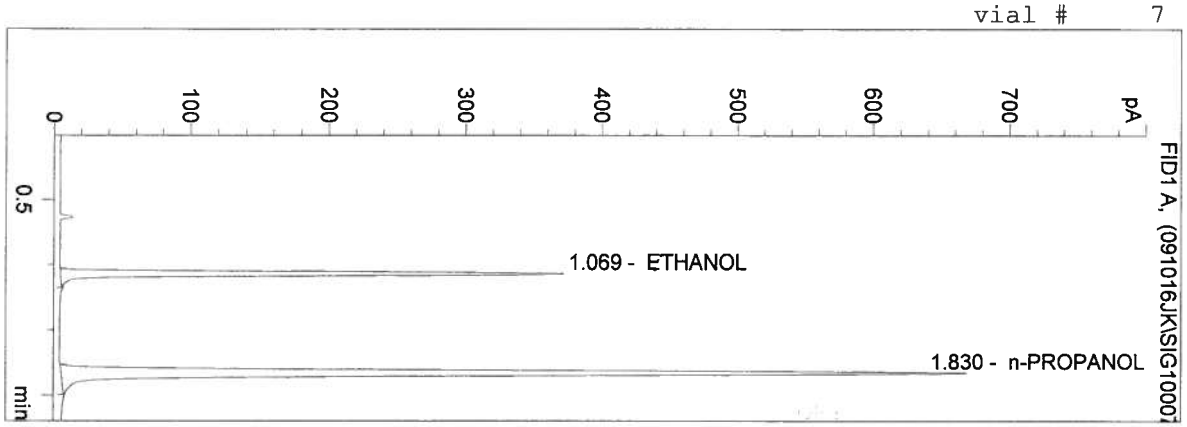
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:28:16 PM
Instrument 3
db-alc2

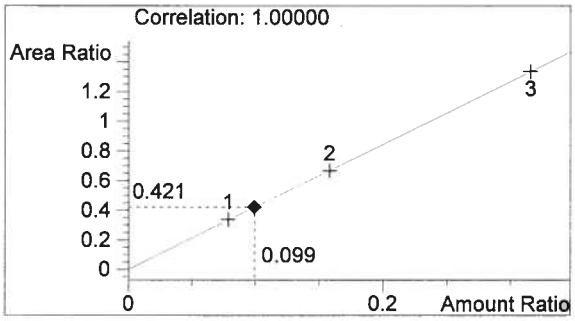
0.10 CTRL JK
Justin Knoy

vial # 7

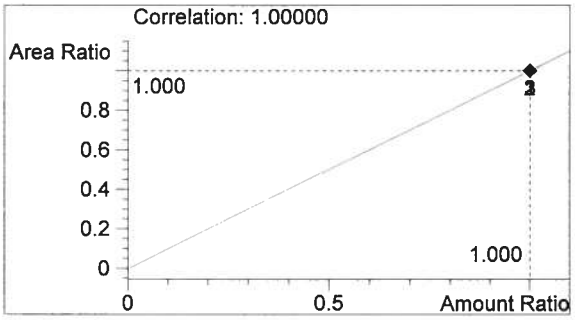


#	Compound	Area	RT
1	ETHANOL	801	1.069
2	n-PROPANOL	1905	1.830

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

09049

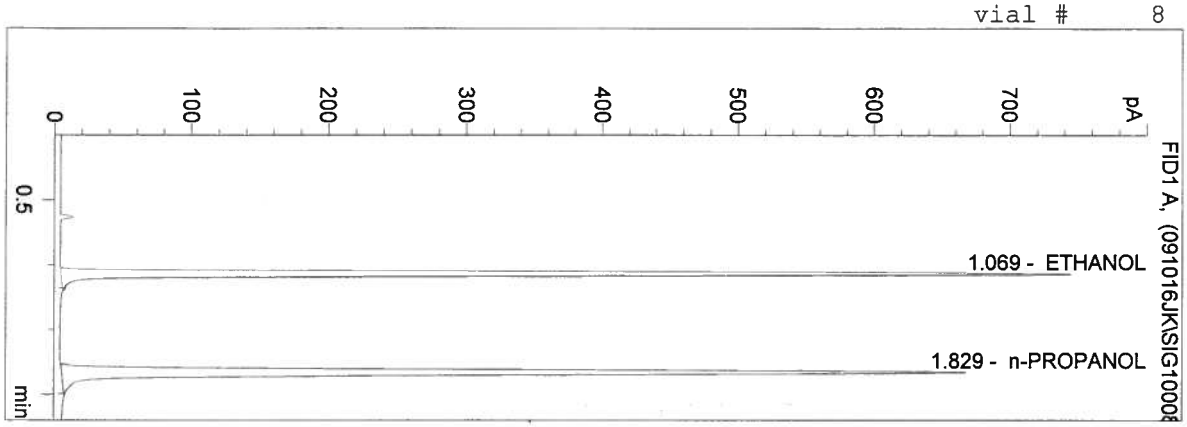
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:31:24 PM
Instrument 3
db-alc2

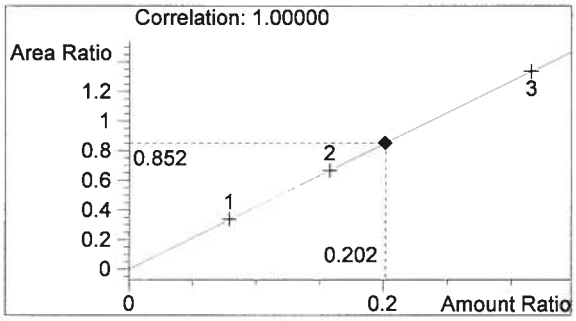
0.20 CTRL JK
Justin Knoy

vial # 8

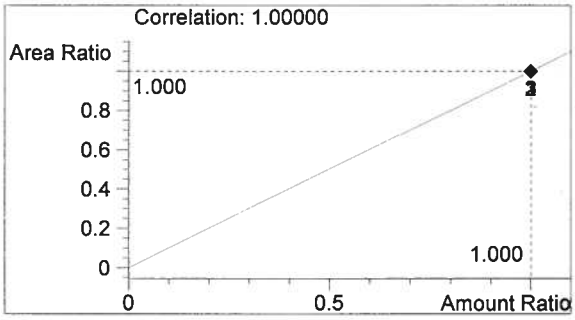


#	Compound	Area	RT
1	ETHANOL	1618	1.069
2	n-PROPANOL	1899	1.829

Totals:



ETHANOL 0.202 g/100ml



n-PROPANOL 1.000 g/100ml

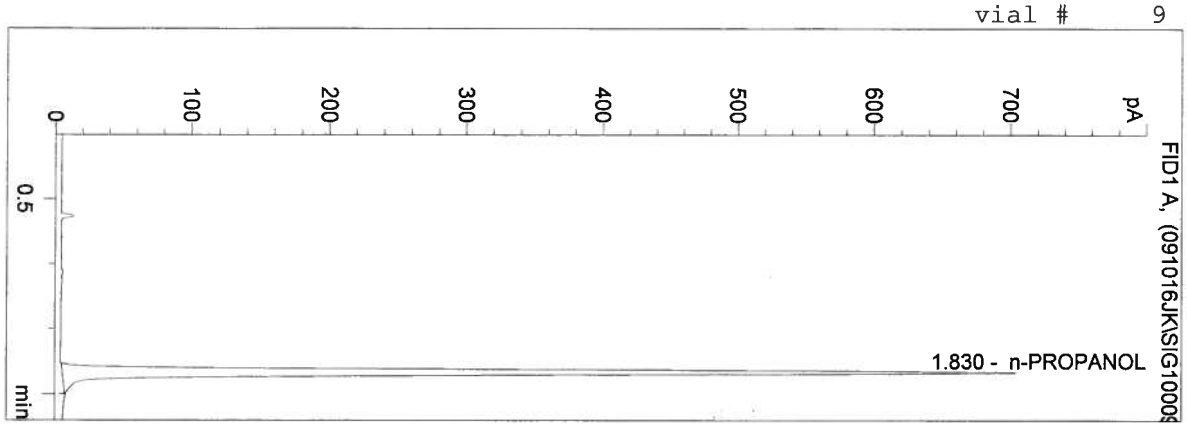
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:34:31 PM
Instrument 3
db-alc2

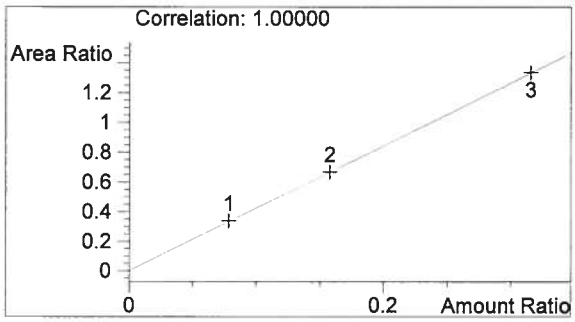
NEG CTRL JK
Justin Knoy

vial # 9

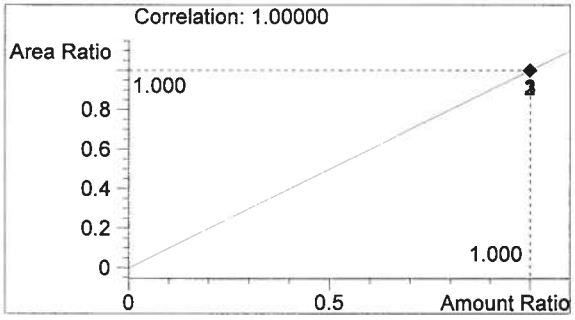


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2004	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

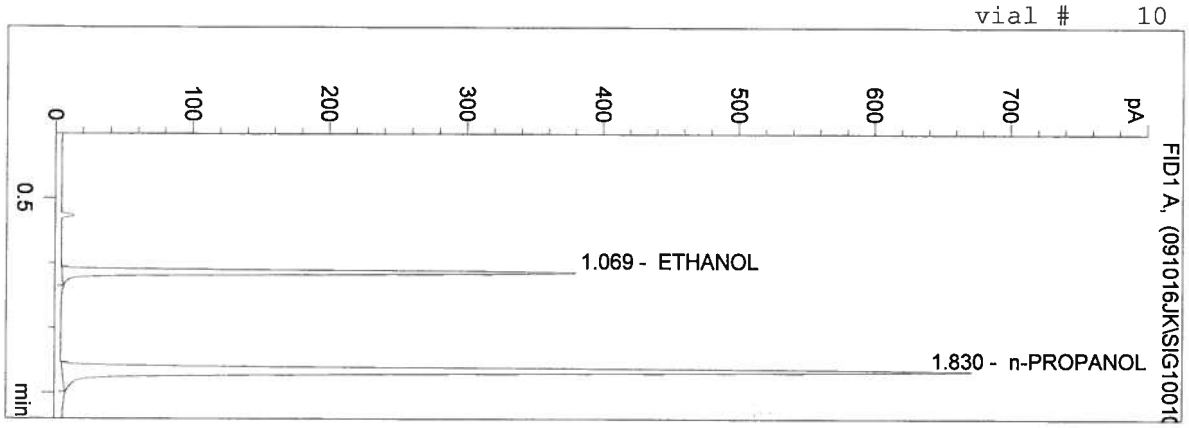
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:37:39 PM
Instrument 3
db-alc2

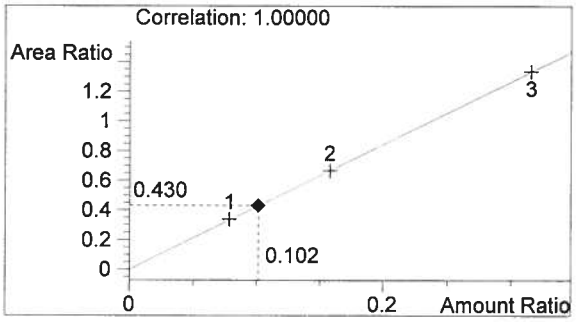
09049-1
Justin Knoy

vial # 10

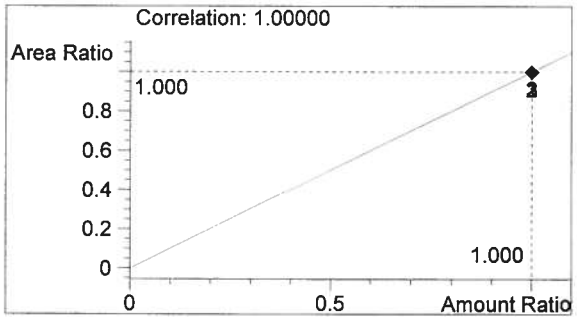


#	Compound	Area	RT
1	ETHANOL	823	1.069
2	n-PROPANOL	1915	1.830

Totals:



ETHANOL 0.102 g/100ml



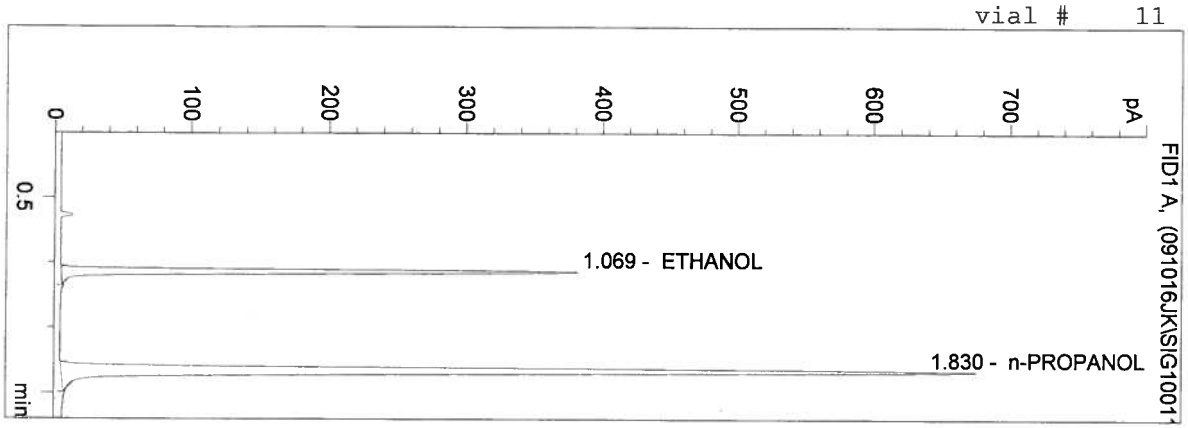
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:40:47 PM
Instrument 3
db-alc2

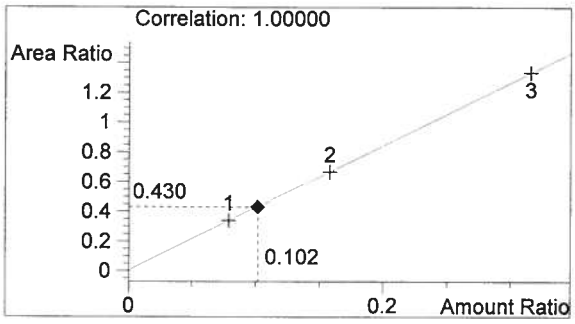
09049-2
Justin Knoy

vial # 11

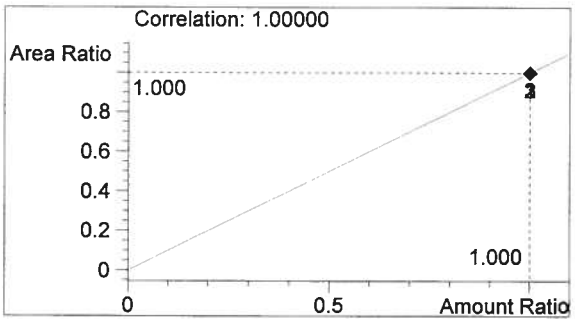


#	Compound	Area	RT
1	ETHANOL	829	1.069
2	n-PROPANOL	1928	1.830

Totals:



ETHANOL 0.102 g/100ml



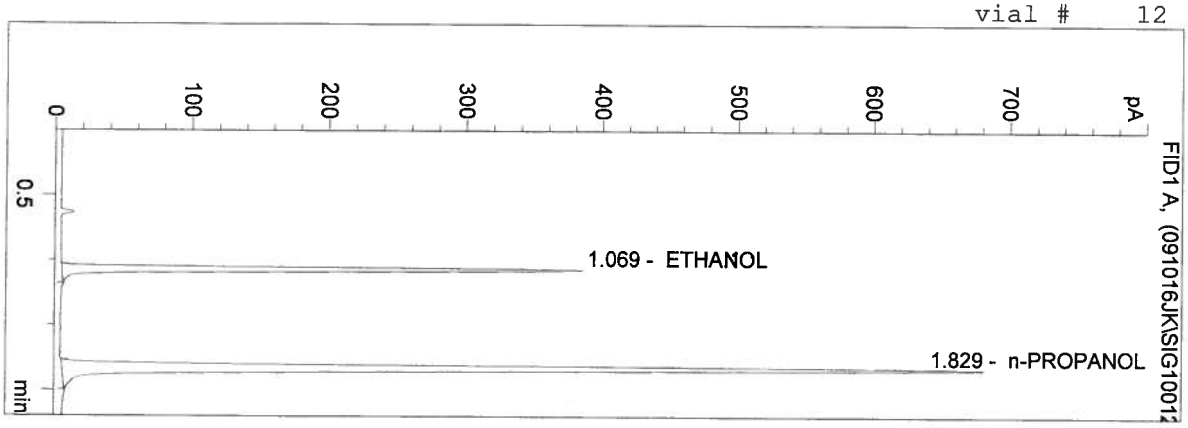
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:43:55 PM
Instrument 3
db-alc2

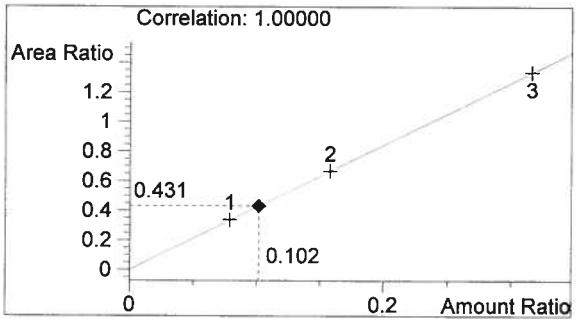
09049-3
Justin Knoy

vial # 12

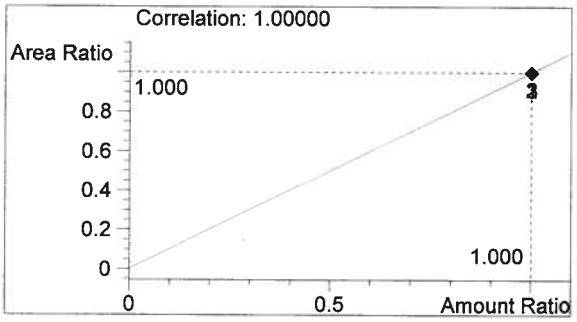


#	Compound	Area	RT
1	ETHANOL	837	1.069
2	n-PROPANOL	1943	1.829

Totals:



ETHANOL 0.102 g/100ml



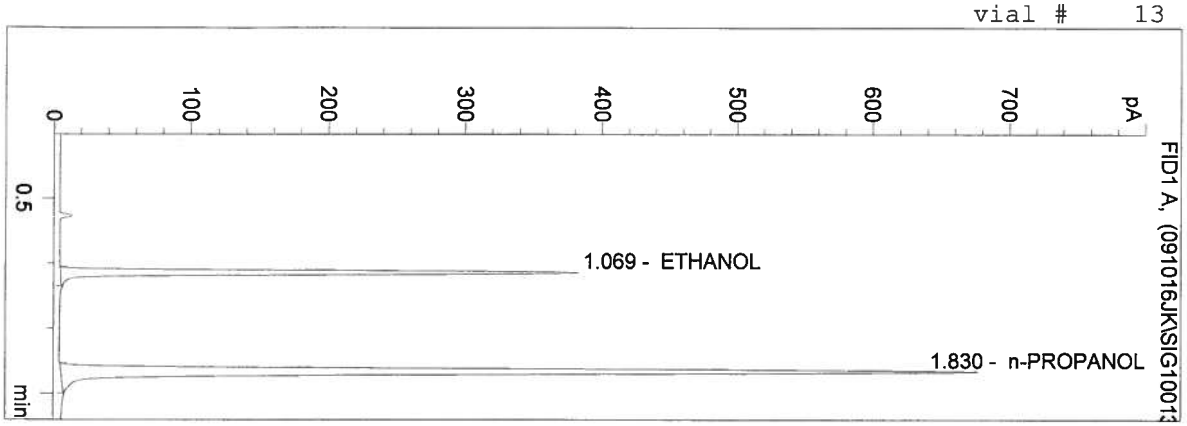
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:47:03 PM
Instrument 3
db-alc2

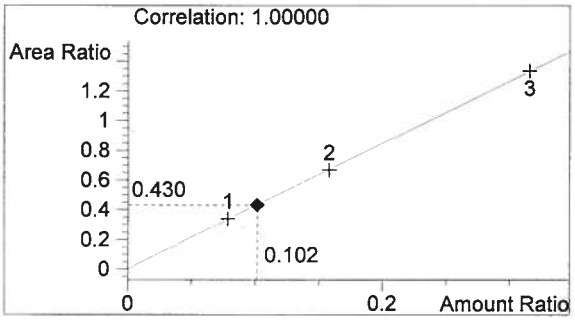
09049-4
Justin Knoy

vial # 13

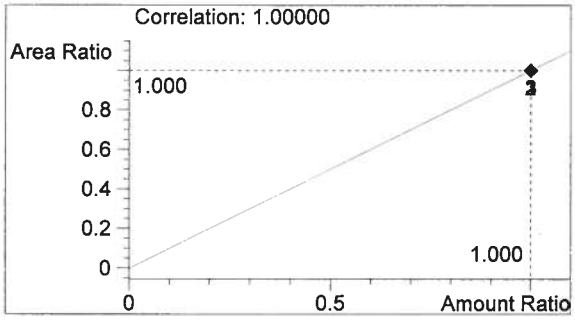


#	Compound	Area	RT
1	ETHANOL	831	1.069
2	n-PROPANOL	1932	1.830

Totals:



ETHANOL 0.102 g/100ml



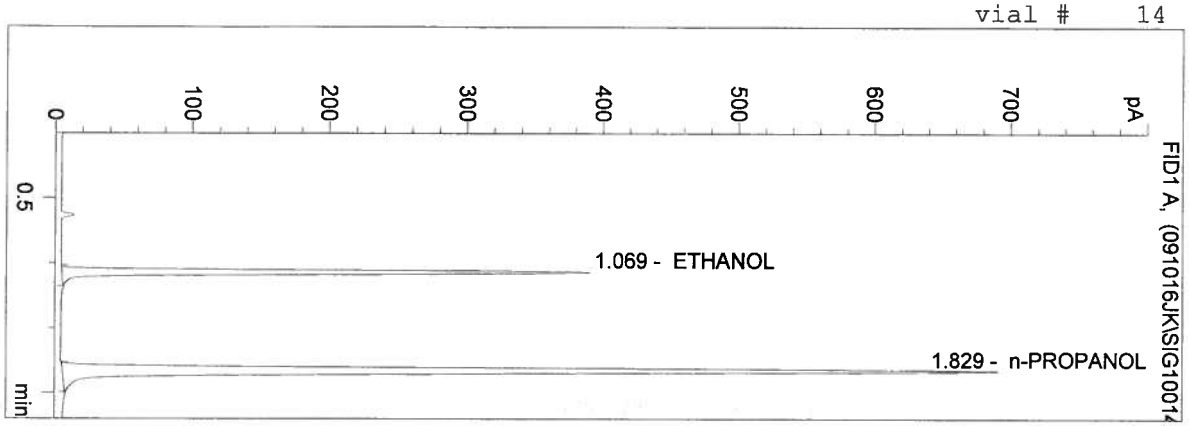
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:50:10 PM
Instrument 3
db-alc2

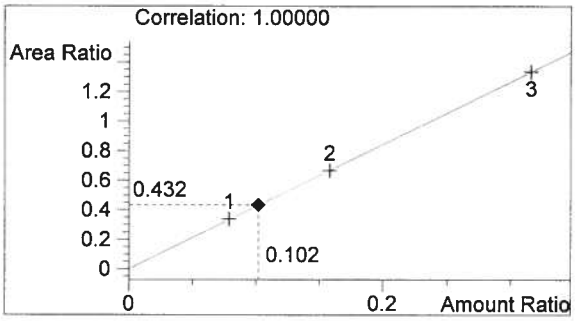
09049-5
Justin Knoy

vial # 14

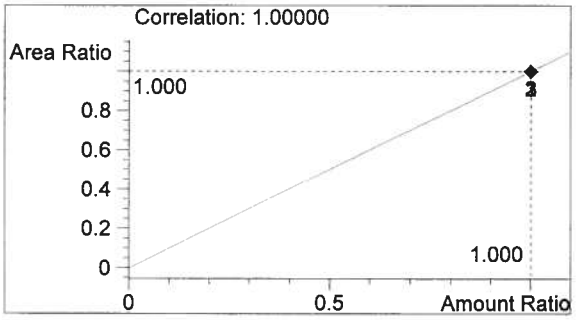


#	Compound	Area	RT
1	ETHANOL	850	1.069
2	n-PROPANOL	1969	1.829

Totals:



ETHANOL 0.102 g/100ml



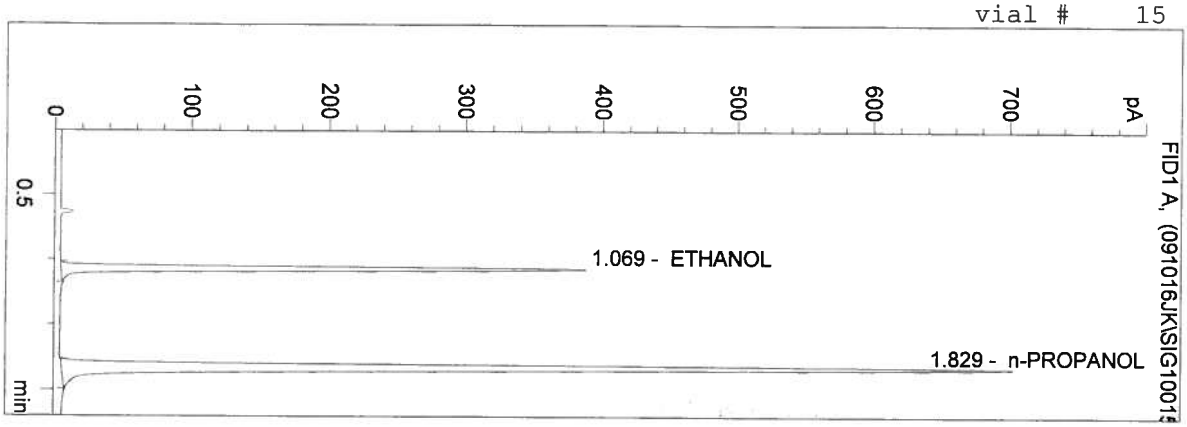
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:53:18 PM
Instrument 3
db-alc2

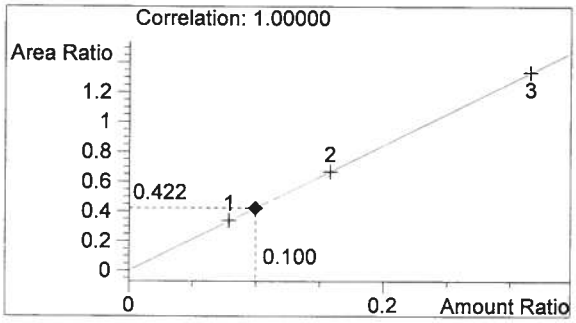
0.10 CTRL JK
Justin Knoy

vial # 15

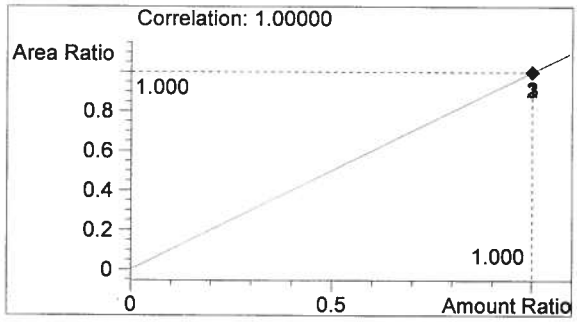


#	Compound	Area	RT
1	ETHANOL	845	1.069
2	n-PROPANOL	2001	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

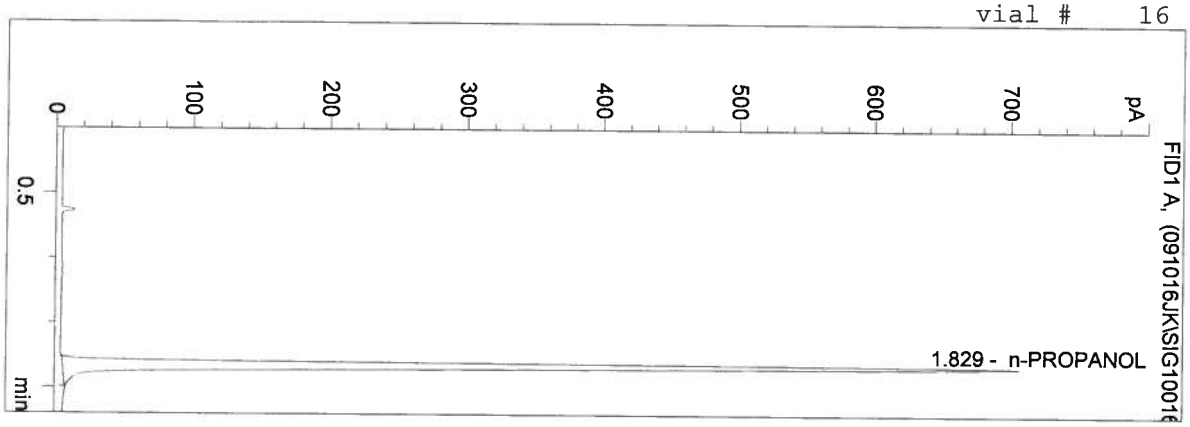
09049

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/16/2009 1:56:26 PM
Instrument 3
db-alc2

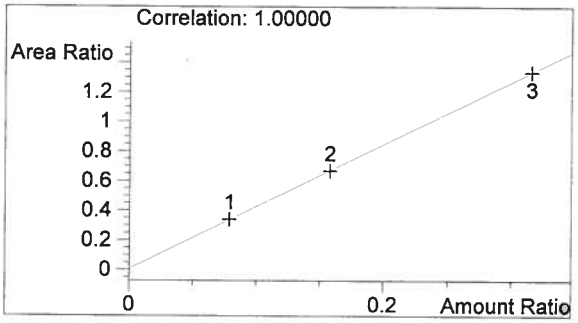
NEG CTRL JK
Justin Knoy

vial # 16

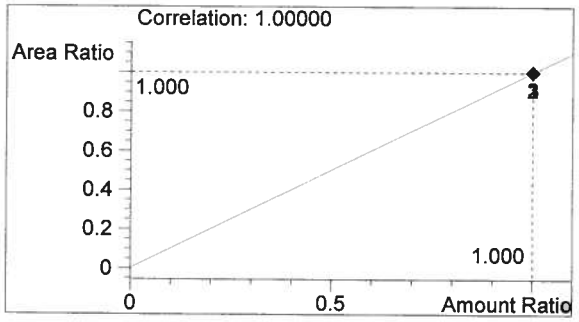


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2014	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09049

Washington State Patrol Toxicology Laboratory Division

EXTERNAL STANDARD SOLUTION PREPARATION WORKSHEET

Batch #: 09049

Preparer: Brittany Ball

Date Prepared: 10/7/09

Expiration Date: 10/7/10

Lot 200 Proof (100%) Ethanol Used: XV3014

Date 200 Proof Ethanol Opened: 10-2-09

(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 ☑ — Date: 10/7/09

Brittany Ball
Analyst

Date: 10/7/09