Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: ROB SHARPE / ROB GULLBERG Date: 10-12-2009

Location: TOX LAB Solution Batch Number: 09046

	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: [signature] Date: 10-12-2009

Reviewer Signature: [signature] Date: 10-12-09

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 09046

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: 09/22/2009
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Gwynyth Almendarez

	GA	AL	LN	NN	SMS	JK	CJ	BEO
1	0.102	0.097	0.101	0.101	0.102	0.102	0.101	0.102
2	0.102	0.097	0.100	0.103	0.105	0.102	0.101	0.102
3	0.103	0.098	0.101	0.105	0.104	0.102	0.102	0.103
4	0.103	0.100	0.101	0.104	0.102	0.102	0.101	0.102
5	0.103	0.099	0.100	0.103	0.102	0.103	0.101	0.102
C	0.100	0.098	0.099	0.101	0.101	0.100	0.101	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1017 g/100mL
STANDARD DEVIATION: 0.00178
PRECISION CV (%): 1.75
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0826 g/210L**
EXPANDED UNCERTAINTY: ± 0.0042 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton — Forensic Scientist Supervisor — 10-13-09 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
GA	Gwynyth Almendarez	Gwynyth Almendarez	09/22/2009
AL	Asa Louis		09/23/2009
LN	Lisa Noble	Lisa Noble	09/24/2009
NN	Naziha Nuwayhid		09/25/2009
SMS	Sarah M, Swenson		09/30/2009
JK	Justin Knoy		09/30/2009
CJ	Christopher Johnston		10/02/2009
BEO	Brianne O'Reilly	Brianne O'Reilly	10/05/2009

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 #: 09046 **Date Prepared:** 9/22/2009

Analyst:	GA	AL	LN	NN	SS	JK	CJ	BEO
Date Tested:	9/22/2009	9/23/2009	9/24/2009	9/25/2009	9/30/2009	9/30/2009	10/2/2009	10/5/2009
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.102	0.097	0.101	0.101	0.102	0.102	0.101	0.102
2	0.102	0.097	0.100	0.103	0.105	0.102	0.101	0.102
3	0.103	0.098	0.101	0.105	0.104	0.102	0.102	0.103
4	0.103	0.100	0.101	0.104	0.102	0.102	0.101	0.102
5	0.103	0.099	0.100	0.103	0.102	0.103	0.101	0.102
C	0.100	0.098	0.099	0.101	0.101	0.100	0.101	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	CV^2_{Bias}	$CV^2_{Part\ Coef}$
0.0000000900	0.0003054771	0.0001142857	0.0001333333	0.0001016326

Ethanol Control Lot #: A064767
Control Uncertainty (%): 0.03
Maximum (-) Control Bias: 0.002
Maximum (+) Control Bias: 0.001

Average Solution Concentration: 0.1017 g/100mL
Standard Deviation: 0.00178 g/100mL
Precision CV (%): 1.75
Equivalent Vapor Concentration: 0.0826 g/210L
Combined Standard Uncertainty (±): 0.0021 g/210L
Expanded Uncertainty (±): 0.0042 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton Melissa L. Pemberton 10-7-09
Name Signature Date

Calculations verified by: ROD GGVUBERG R. G. Gutty 10-12-09 Method: EXCEL
Name Signature Date

Technical review of batch file performed by:

Melissa L. Pemberton Melissa L. Pemberton 10-7-09
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		
Asa Louis	AL	20091008
Brian Capron		
Brianna Peterson		
Brianne O'Reilly	BOO	10.8.09
Brittany Ball		
Christie Mitchell		
Christopher Johnston	CJ	10/7/09
Gwynyth Almendarez	[illegible]	10/7/09
Justin Knoy	[illegible]	10.7.09
Lisa Noble	[illegible]	10/7/09
Melissa Pemberton		
Naziha Nuwayhid	NN	10/9/09
Rebecca Flaherty		
Sarah Swenson	SMS	10/7/09

Batch # 09046

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 09046

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

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

I possess the following qualifications: BS degree in Chemistry, MS degrees in Chemistry and Forensic Science.

The external standard solution, Lot Number 09046, was prepared in the Washington State Toxicology Laboratory on 9/22/2009. 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 9/22/2010.

Seattle, WA

Gwynyth Almendarez 10/7/09

Gwynyth Almendarez Date

Forensic Toxicologist

GA/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09046

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 09046, was prepared in the Washington State Toxicology Laboratory on 9/22/2009. 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 9/22/2010.

Seattle, WA

2009.008

Asa J. Louis Date
Forensic Toxicologist

AJL/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09046

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

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

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

The external standard solution, Lot Number 09046, was prepared in the Washington State Toxicology Laboratory on 9/22/2009. 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 9/22/2010.

Seattle, WA

Lisa Noble 10/7/09

Lisa Noble Date

Forensic Toxicologist

LN/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09046

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

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

I possess the following qualifications: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and nine years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution, Lot Number 09046, was prepared in the Washington State Toxicology Laboratory on 9/22/2009. 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 9/22/2010.

Seattle, WA

10.9.09

Naziha Nuwayhid Date
Forensic Toxicologist

NN/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09046

I, Sarah M. Swenson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry and over six years of experience in forensic toxicology.

The external standard solution, Lot Number 09046, was prepared in the Washington State Toxicology Laboratory on 9/22/2009. 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 9/22/2010.

Seattle, WA

10/7/09

Sarah M. Swenson Date

Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09046

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 09046, was prepared in the Washington State Toxicology Laboratory on 9/22/2009. 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 9/22/2010.

Seattle, WA

10-7-09

Justin L. Knoy Date

Forensic Toxicologist

JLK/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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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 09046

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 09046, was prepared in the Washington State Toxicology Laboratory on 9/22/2009. 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 9/22/2010.

Seattle, WA

10.7.09

Christopher S. Johnston — Date
Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL SIMULATOR SOLUTION CERTIFICATION FOR LOT 09046

I, Brianne E. O'Reilly, do certify under penalty of perjury that:

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

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

The simulator solution, Lot Number 09046, was prepared in the Washington State Toxicology Laboratory on 9/22/2009. 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 9/22/2010.

Seattle, WA

Brianne E O'Reilly 10-8-09

Brianne E. O'Reilly Date
Forensic Toxicologist

BEO/jr

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

Sequence Parameters:

Operator:	Gwynyth Almendarez
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090922GA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL- GA	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL- GA	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL- GA	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL- GA	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL- GA	SIMALC	1	Ctrl Samp		
10	Vial 10	09046 #1	SIMALC	1	Sample		
11	Vial 11	09046 #2	SIMALC	1	Sample		
12	Vial 12	09046 #3	SIMALC	1	Sample		
13	Vial 13	09046 #4	SIMALC	1	Sample		
14	Vial 14	09046 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL- GA	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL- GA	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

09046

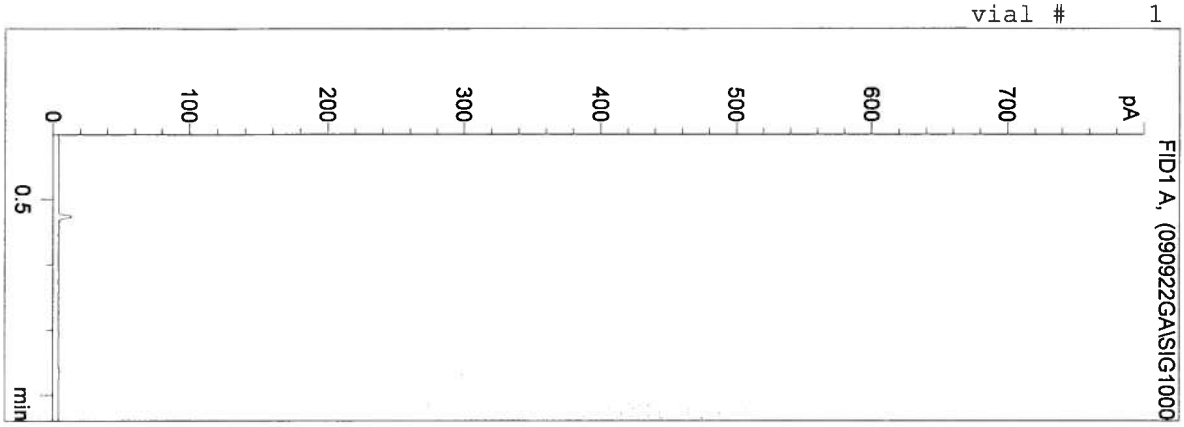
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/22/2009 12:27:33 PM
Instrument 3
db-alc2

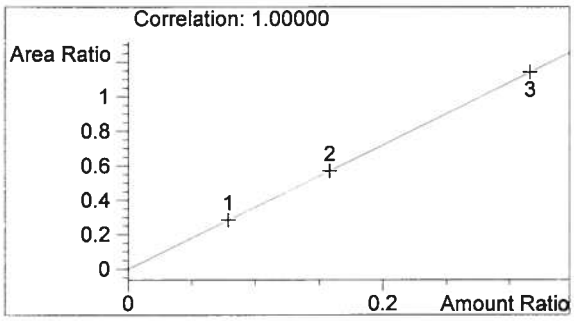
Blank
Gwynyth Almendarez

vial # 1

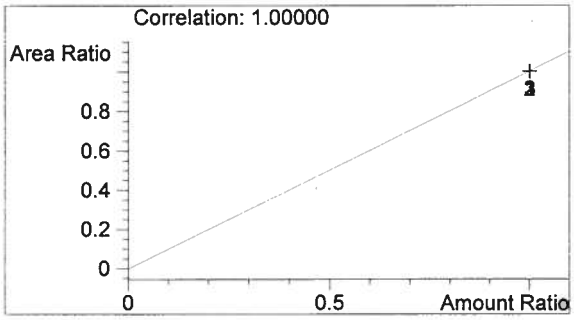


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09046

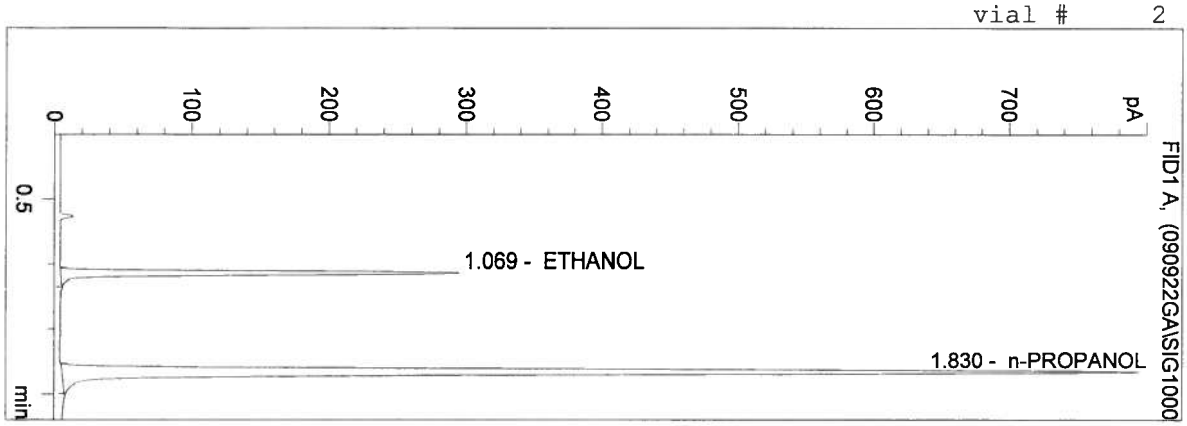
ysh

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/22/2009 12:30:41 PM
Instrument 3
db-alc2

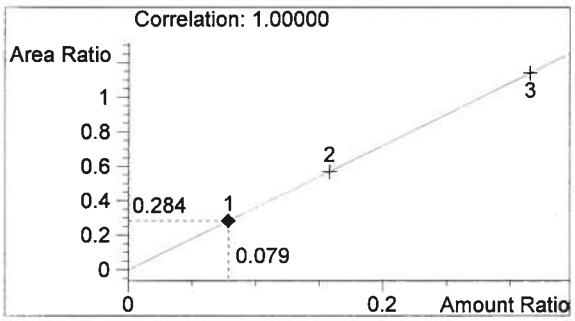
0.079 CAL 1
Gwynyth Almendarez

vial # 2

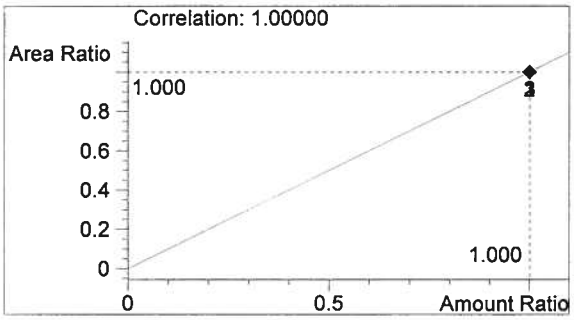


#	Compound	Area	RT
1	ETHANOL	646	1.069
2	n-PROPANOL	2278	1.830

Totals:



ETHANOL 0.079 g/100ml



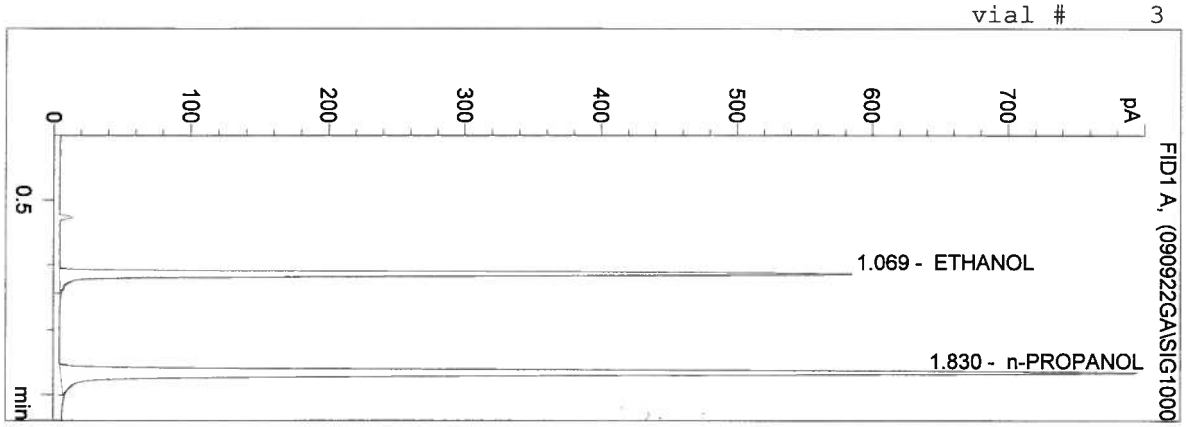
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/22/2009 12:33:49 PM
Instrument 3
db-alc2

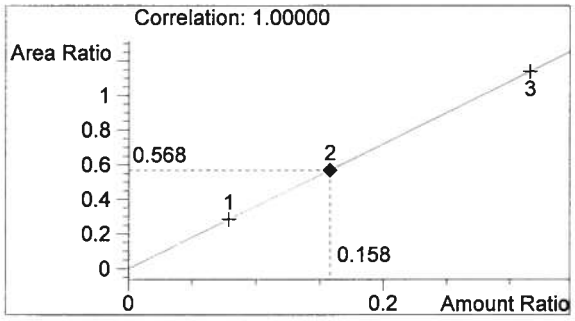
0.158 CAL 2
Gwynyth Almendarez

vial # 3

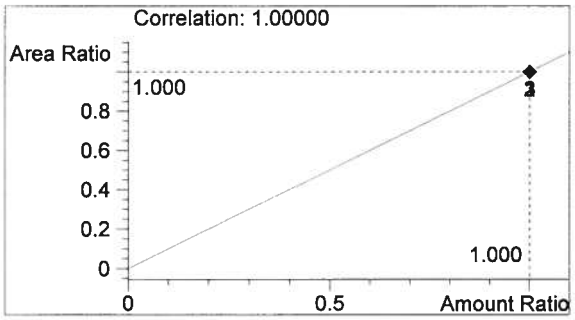


#	Compound	Area	RT
1	ETHANOL	1292	1.069
2	n-PROPANOL	2275	1.830

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

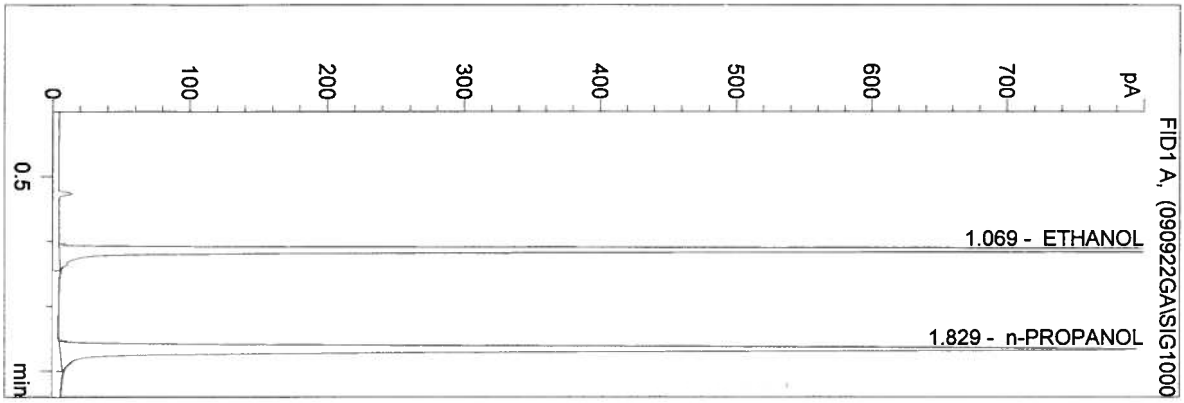
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/22/2009 12:36:57 PM
Instrument 3
db-alc2

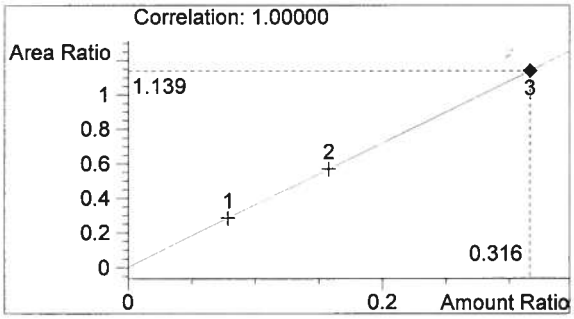
0.316 CAL 3
Gwynyth Almendarez

vial # 4

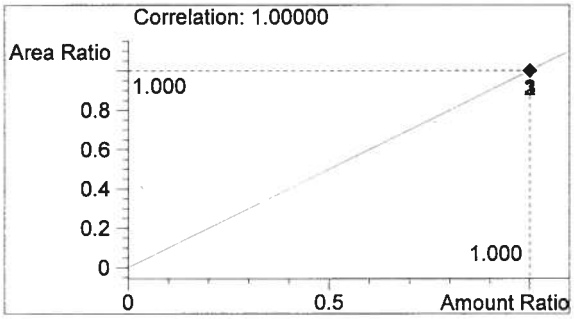


#	Compound	Area	RT
1	ETHANOL	2596	1.069
2	n-PROPANOL	2279	1.829

Totals:



ETHANOL 0.316 g/100ml



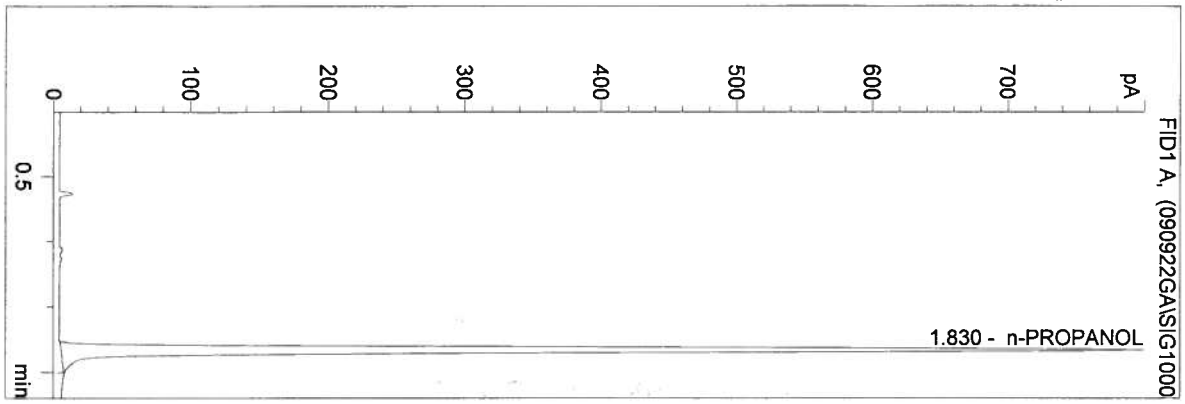
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/22/2009 12:40:05 PM
Instrument 3
db-alc2

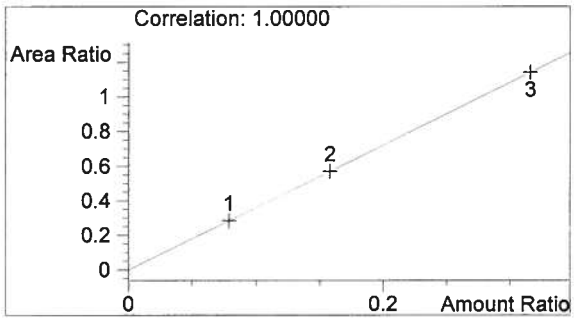
NEG CTRL- GA
Gwynyth Almendarez

vial # 5

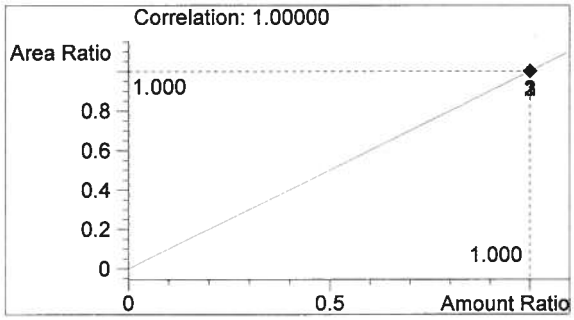


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2306	1.830

Totals:



ETHANOL 0.000 g/100ml



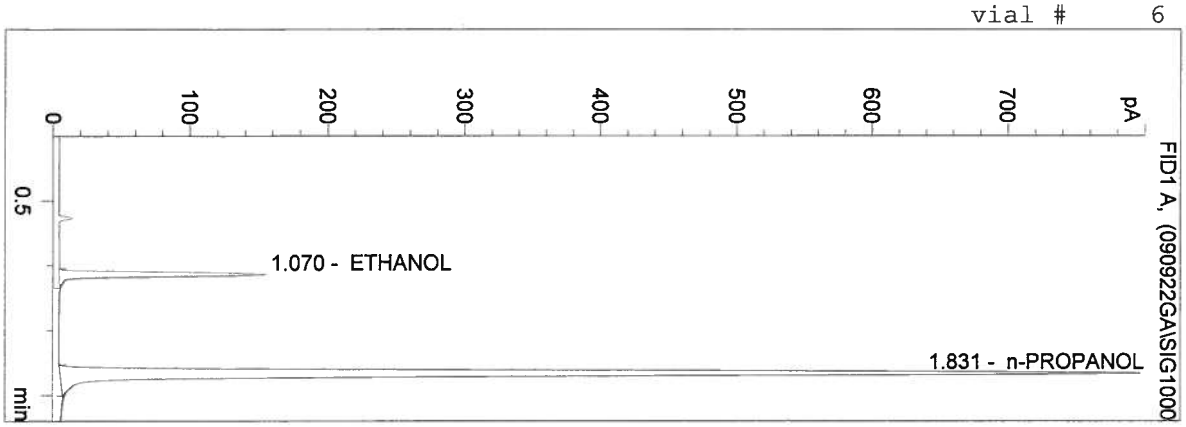
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/22/2009 12:43:13 PM
Instrument 3
db-alc2

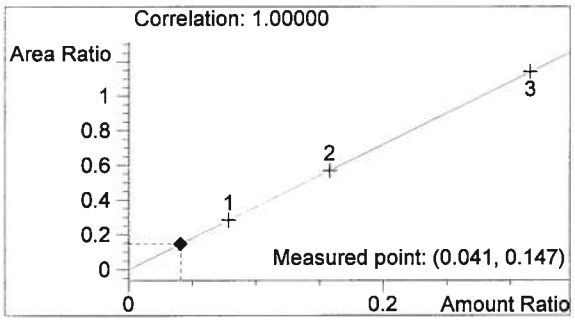
0.04 CTRL- GA
Gwynyth Almendarez

vial # 6

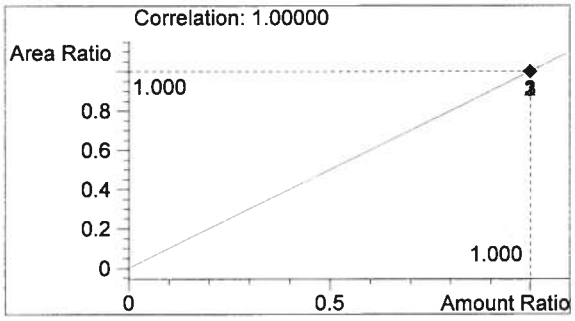


#	Compound	Area	RT
1	ETHANOL	336	1.070
2	n-PROPANOL	2282	1.831

Totals:



ETHANOL 0.041 g/100ml



n-PROPANOL 1.000 g/100ml

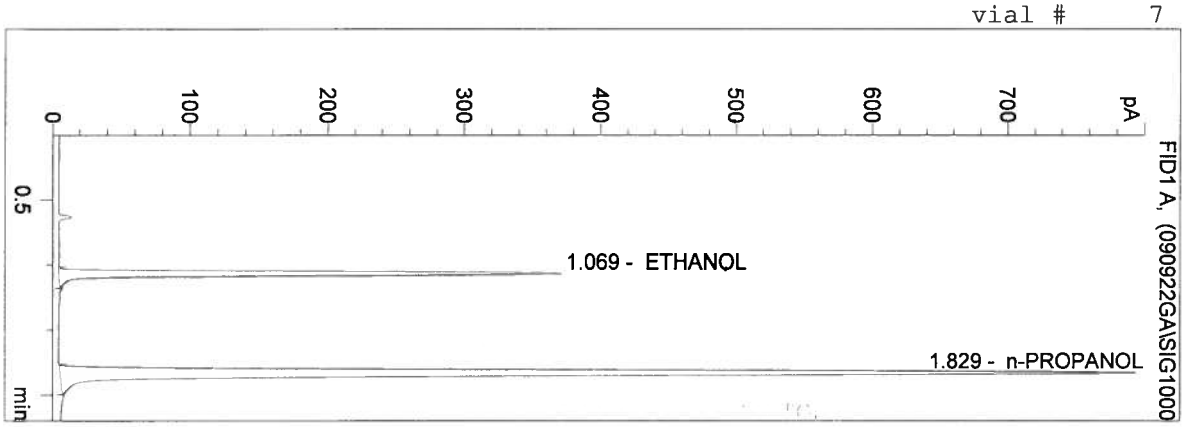
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/22/2009 12:46:20 PM
Instrument 3
db-alc2

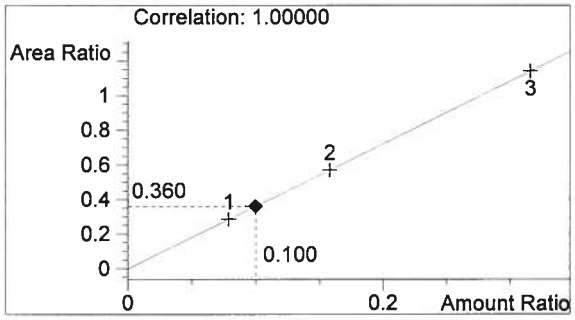
0.10 CTRL- GA
Gwynyth Almendarez

vial # 7

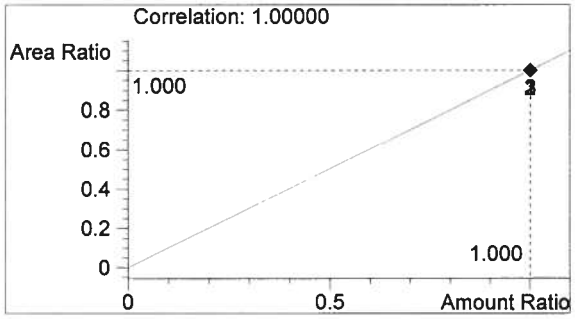


#	Compound	Area	RT
1	ETHANOL	819	1.069
2	n-PROPANOL	2278	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

09046

WASHINGTON STATE TOXICOLOGY LABORATORY

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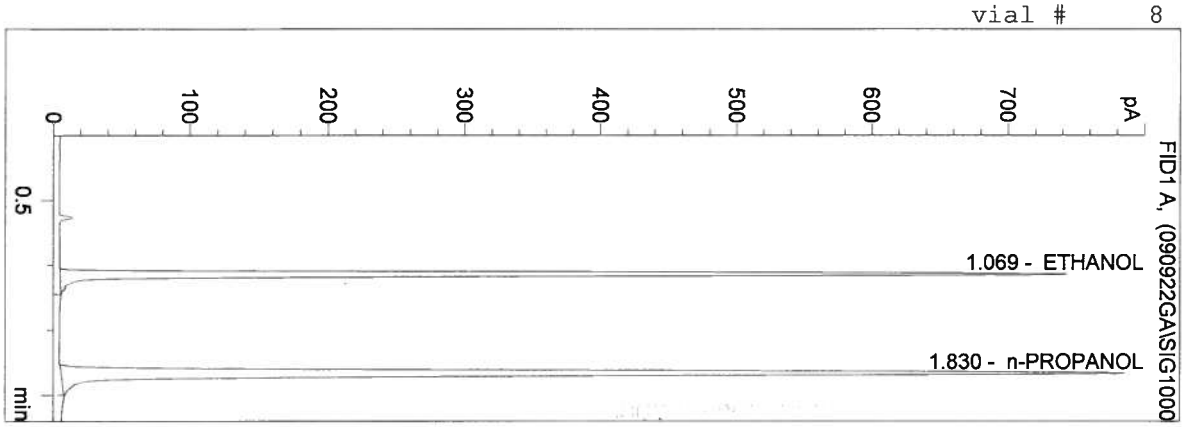
9/22/2009 12:49:28 PM
Instrument 3
db-alc2

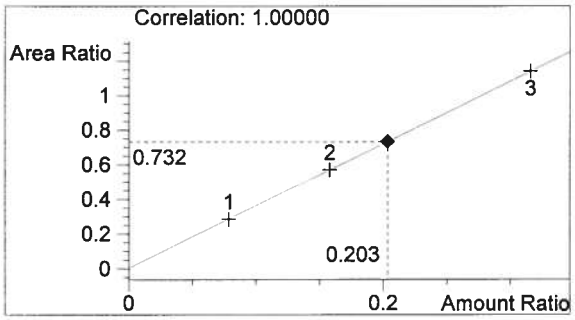
0.20 CTRL- GA
Gwynyth Almendarez

vial # 8

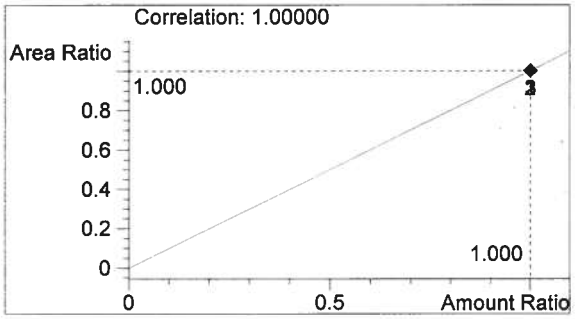


#	Compound	Area	RT
1	ETHANOL	1643	1.069
2	n-PROPANOL	2245	1.830

Totals:



ETHANOL 0.203 g/100ml



n-PROPANOL 1.000 g/100ml

09046

WASHINGTON STATE TOXICOLOGY LABORATORY

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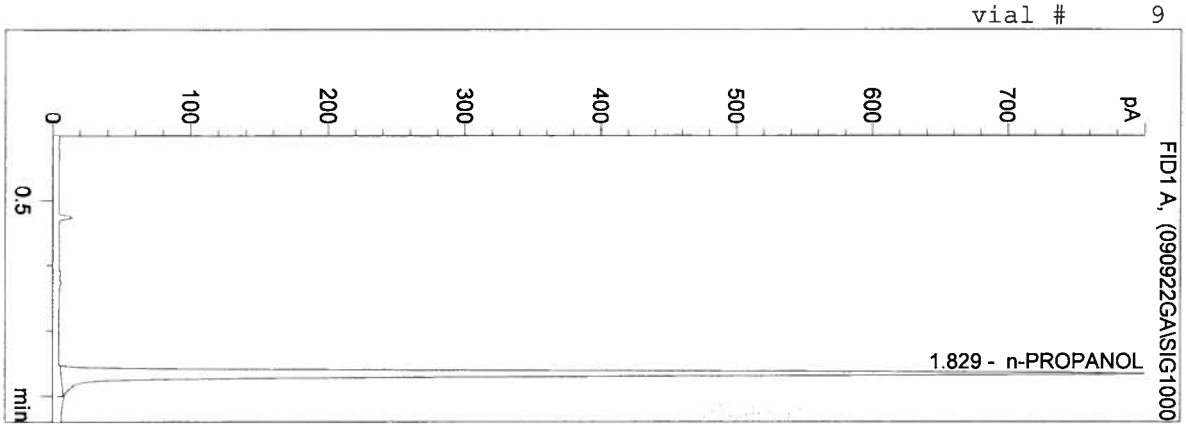
9/22/2009 12:52:36 PM
Instrument 3
db-alc2

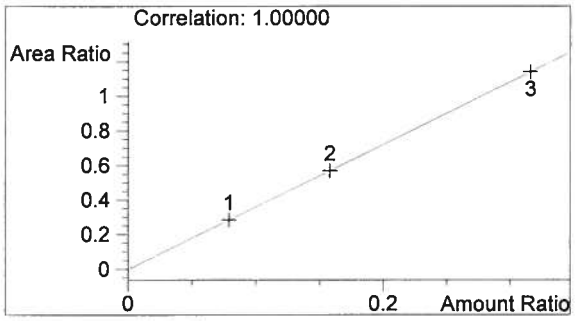
NEG CTRL- GA
Gwynyth Almendarez

vial # 9

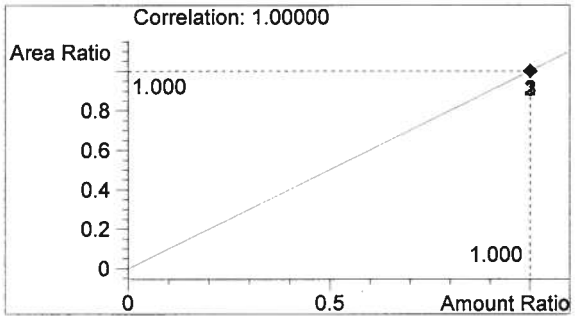


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2317	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09046

ga

WASHINGTON STATE TOXICOLOGY LABORATORY

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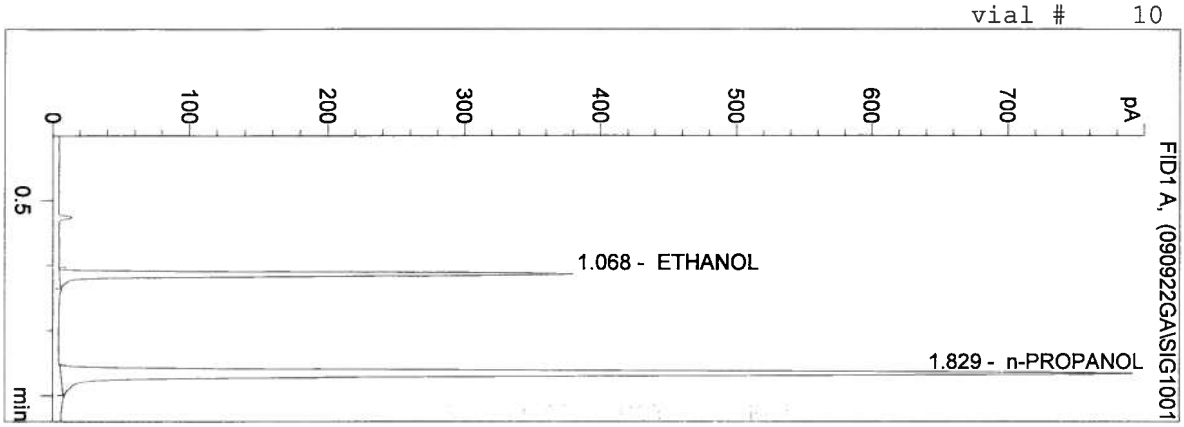
Instrument 3
db-alc2

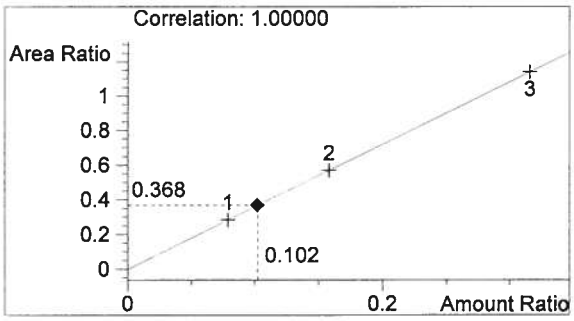
09046 #1
Gwynyth Almendarez

vial # 10

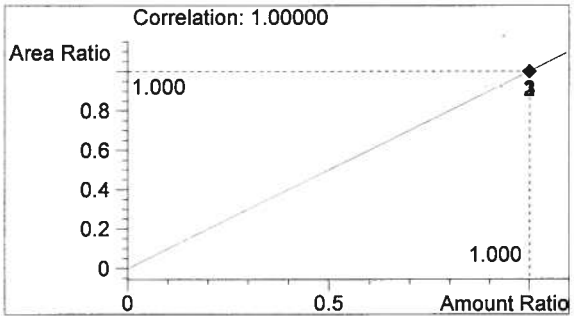


#	Compound	Area	RT
1	ETHANOL	835	1.068
2	n-PROPANOL	2268	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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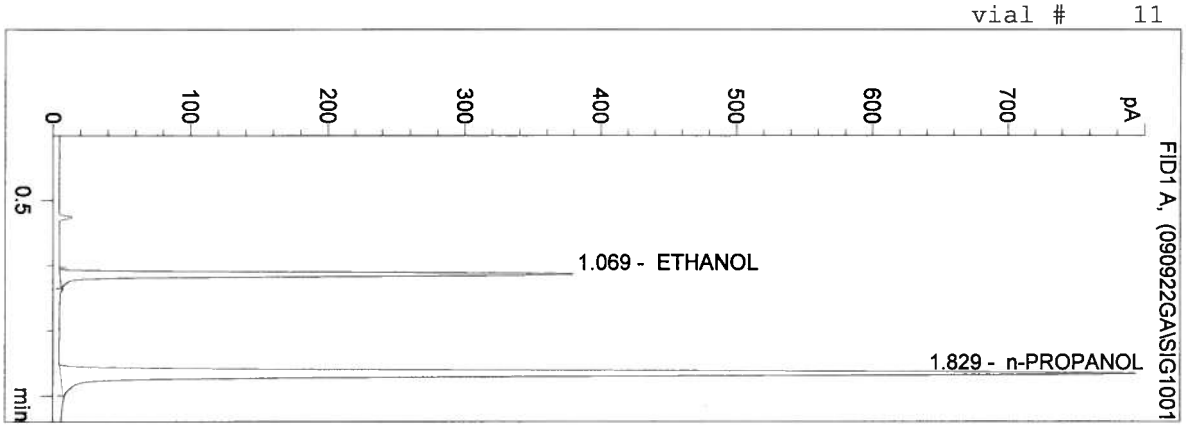
9/22/2009 12:58:52 PM
Instrument 3
db-alc2

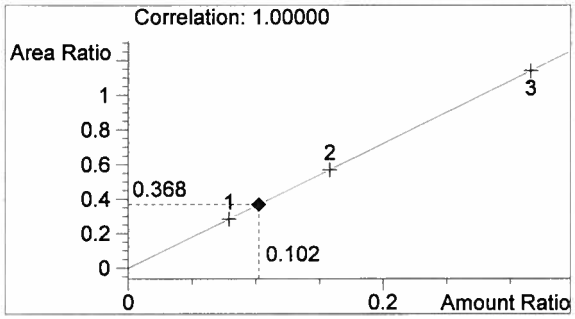
09046 #2
Gwynyth Almendarez

vial # 11

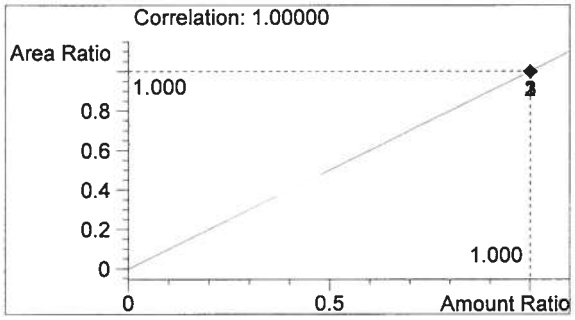


#	Compound	Area	RT
1	ETHANOL	838	1.069
2	n-PROPANOL	2279	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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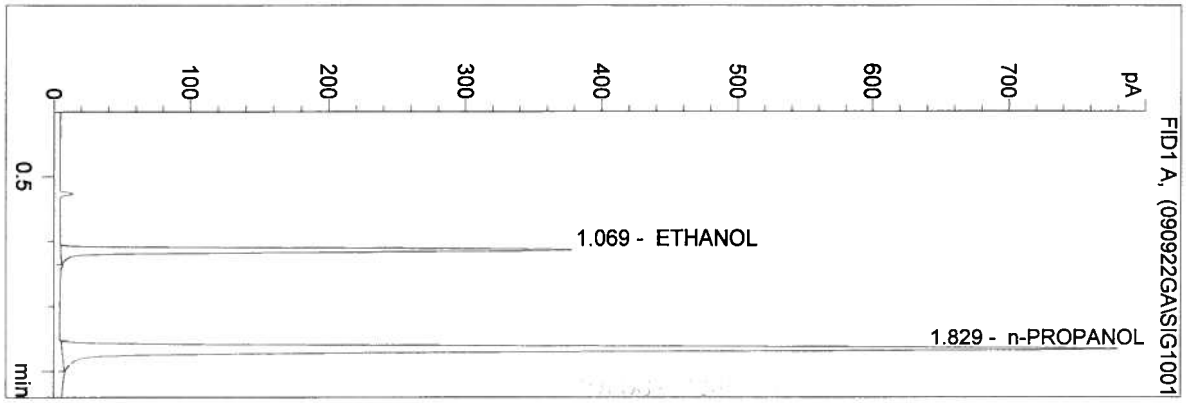
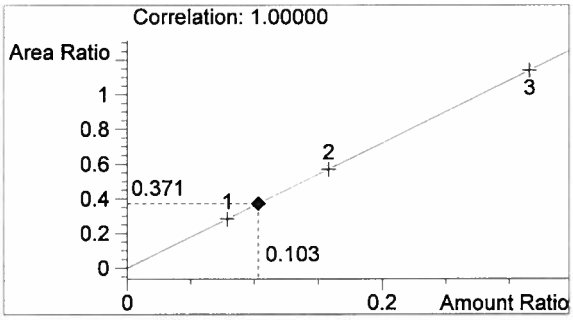
9/22/2009 1:01:59 PM
Instrument 3
db-alc2

09046 #3
Gwynyth Almendarez

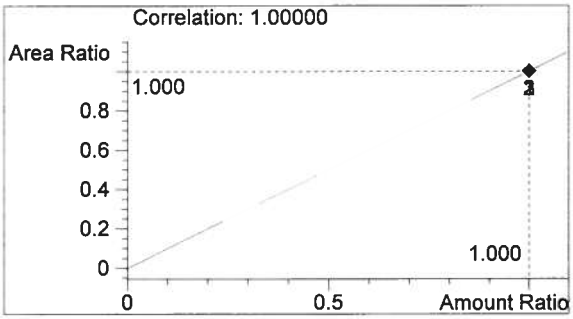
vial # 12



#	Compound	Area	RT
1	ETHANOL	828	1.069
2	n-PROPANOL	2230	1.829
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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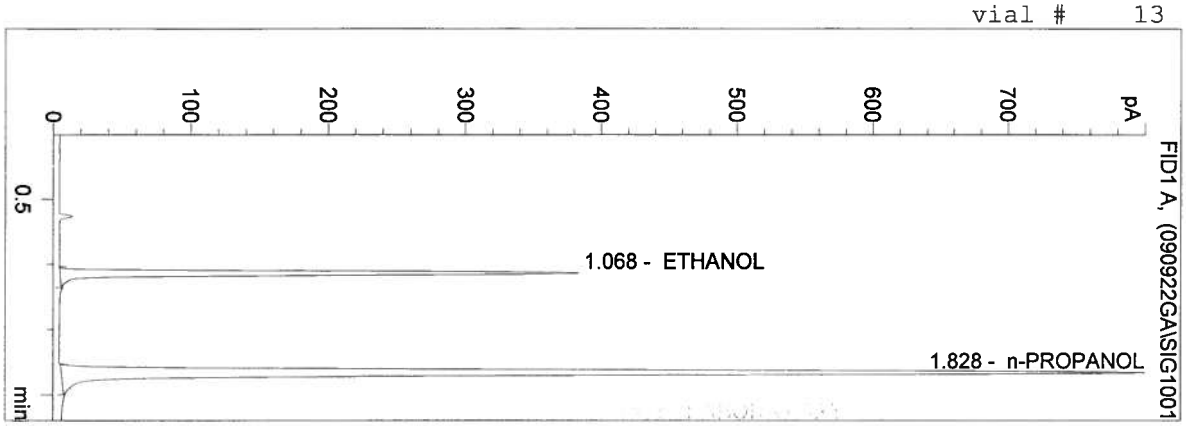
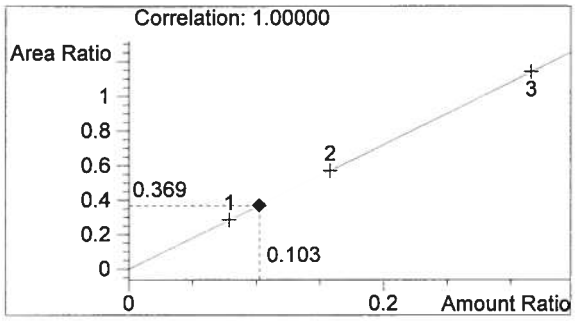
Instrument 3
db-alc2

09046 #4
Gwynyth Almendarez

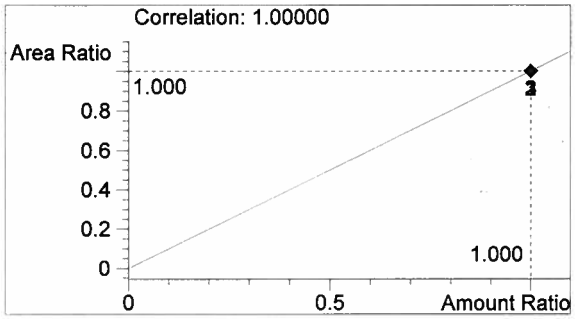
vial # 13



#	Compound	Area	RT
1	ETHANOL	852	1.068
2	n-PROPANOL	2309	1.828
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

psa

WASHINGTON STATE TOXICOLOGY LABORATORY

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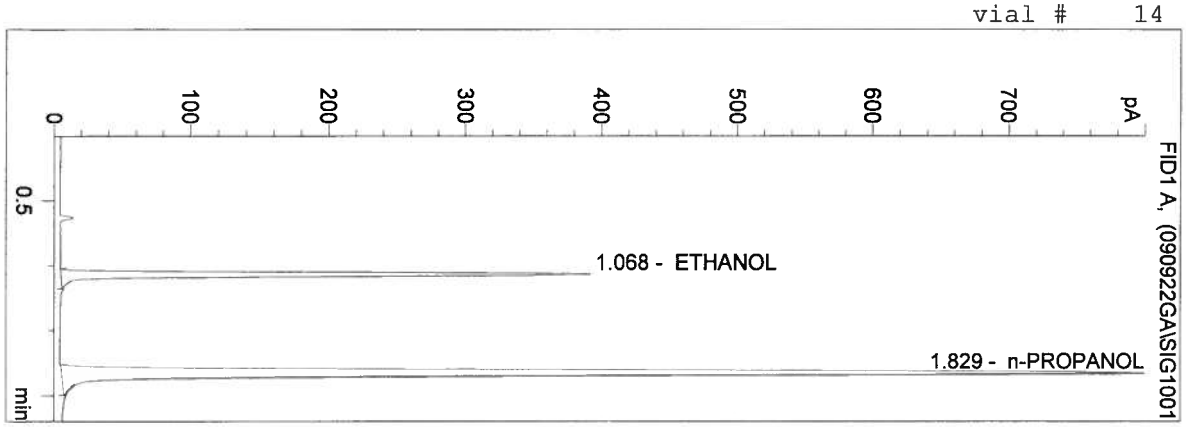
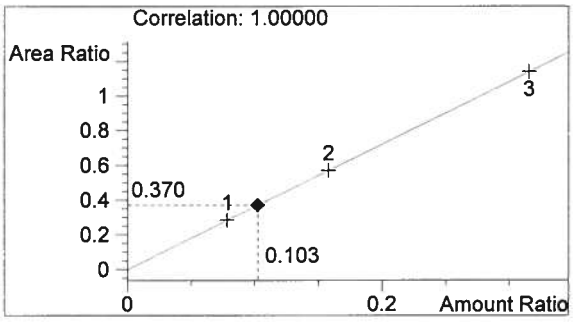
Instrument 3
db-alc2

09046 #5
Gwynyth Almendarez

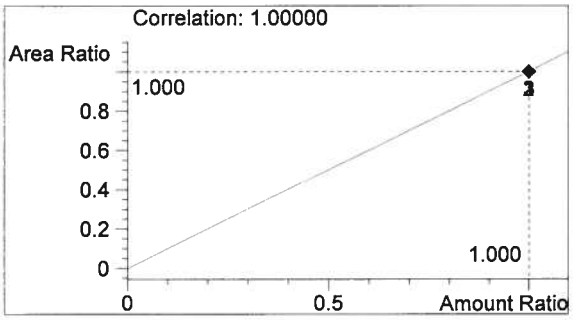
vial # 14



#	Compound	Area	RT
1	ETHANOL	864	1.068
2	n-PROPANOL	2335	1.829
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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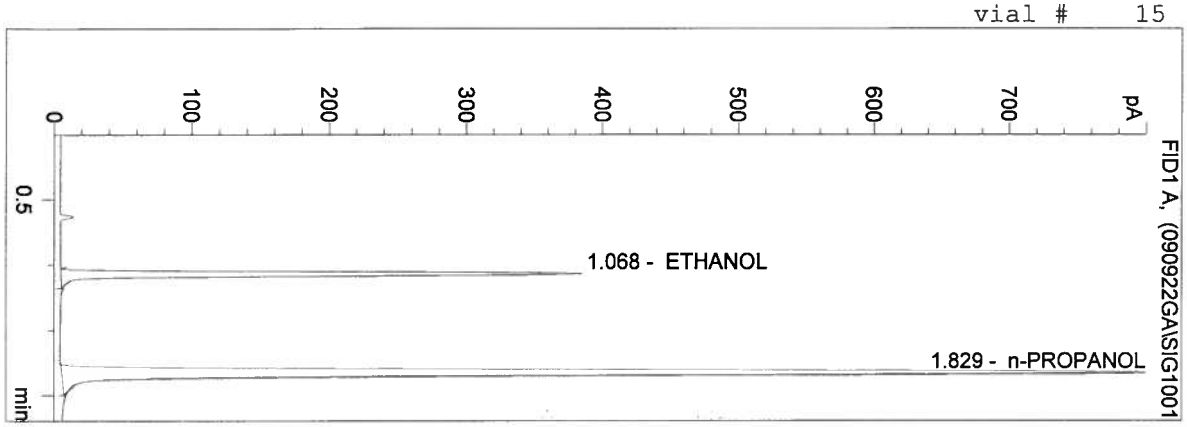
9/22/2009 1:11:23 PM
Instrument 3
db-alc2

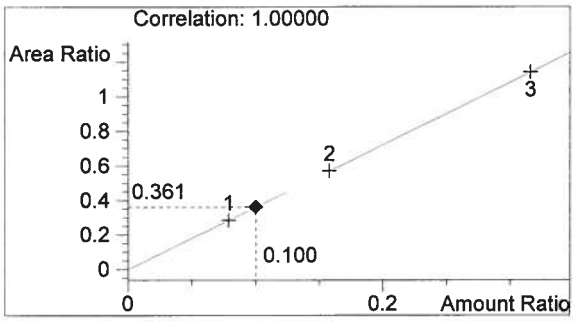
0.10 CTRL- GA
Gwynyth Almendarez

vial # 15

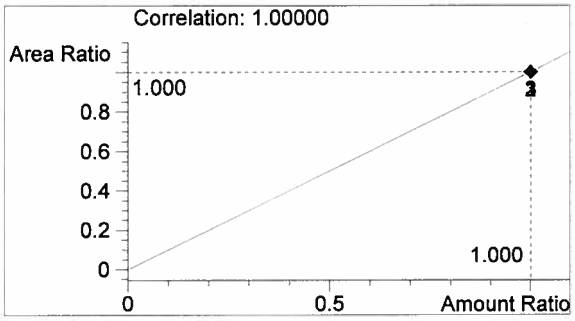


#	Compound	Area	RT
1	ETHANOL	850	1.068
2	n-PROPANOL	2356	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

09046

WASHINGTON STATE TOXICOLOGY LABORATORY

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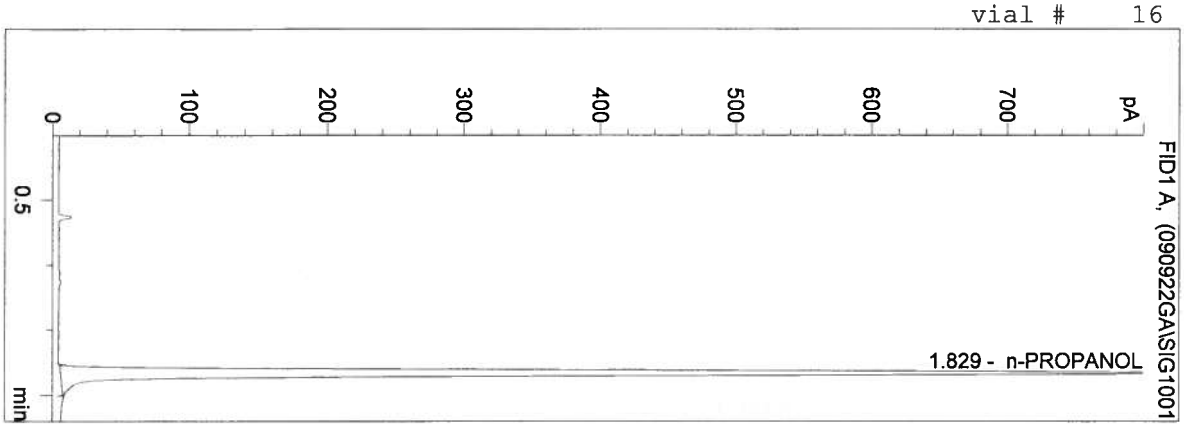
9/22/2009 1:14:31 PM
Instrument 3
db-alc2

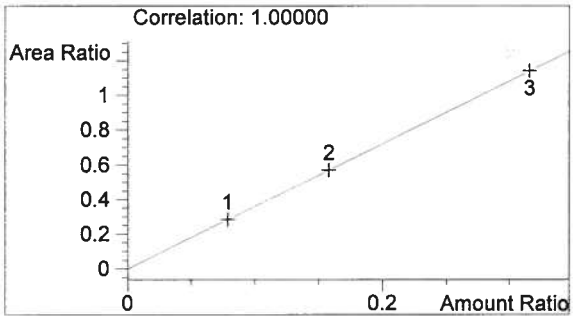
NEG CTRL- GA
Gwynyth Almendarez

vial # 16

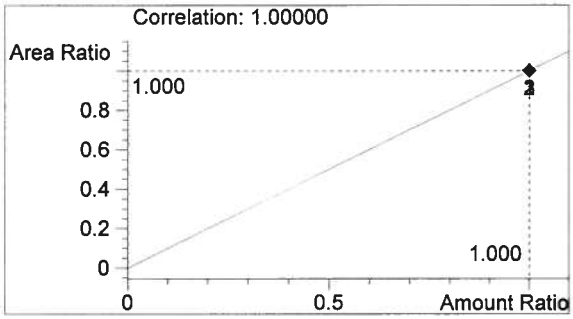


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2412	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09046

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:	090923A1
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	09046 #1	SIMALC	1	Sample		
11	Vial 11	09046 #2	SIMALC	1	Sample		
12	Vial 12	09046 #3	SIMALC	1	Sample		
13	Vial 13	09046 #4	SIMALC	1	Sample		
14	Vial 14	09046 #5	SIMALC	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC	1	Ctrl Samp		

AL
20080923

Calibration Part:

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

AL
20091008

Sequence Table (Back Injector):

No entries - empty table!

09046

A
20090923

A
20091008

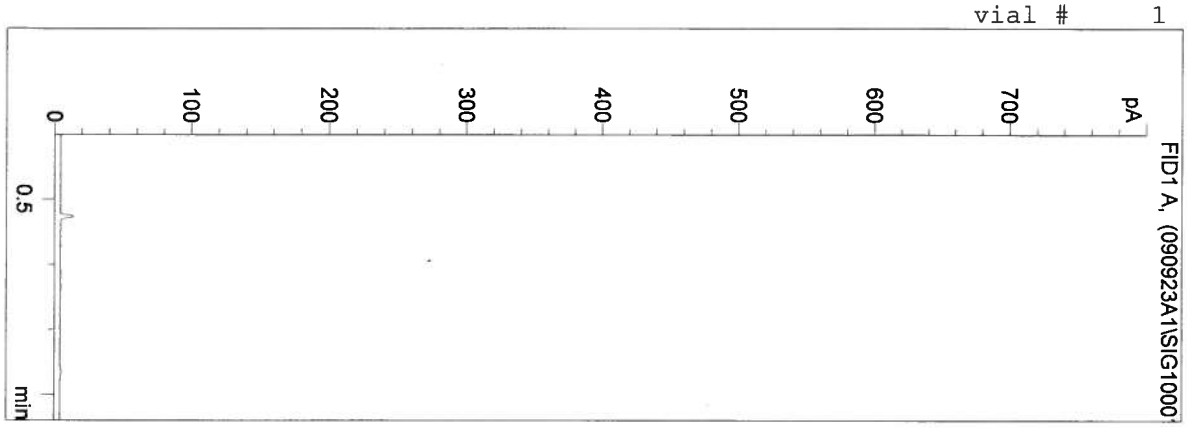
0 9 0 4 6

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/23/2009 4:09:48 PM
Instrument 3
db-alc2

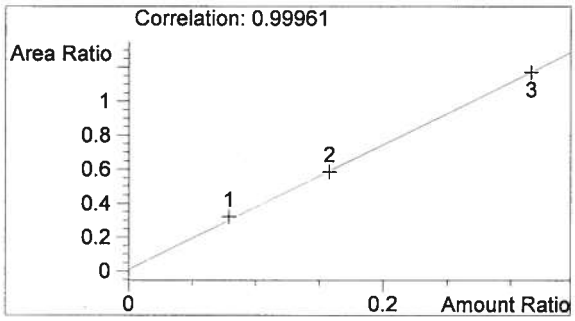
blank
asa louis

vial # 1

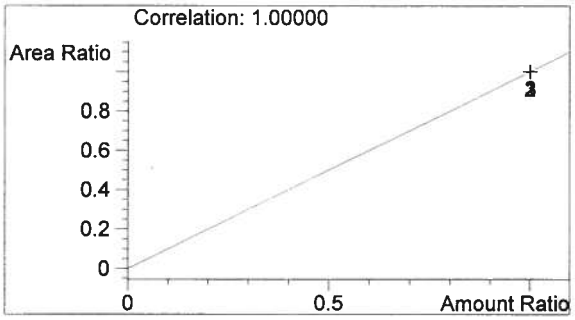


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

A
20090923

A
20091008

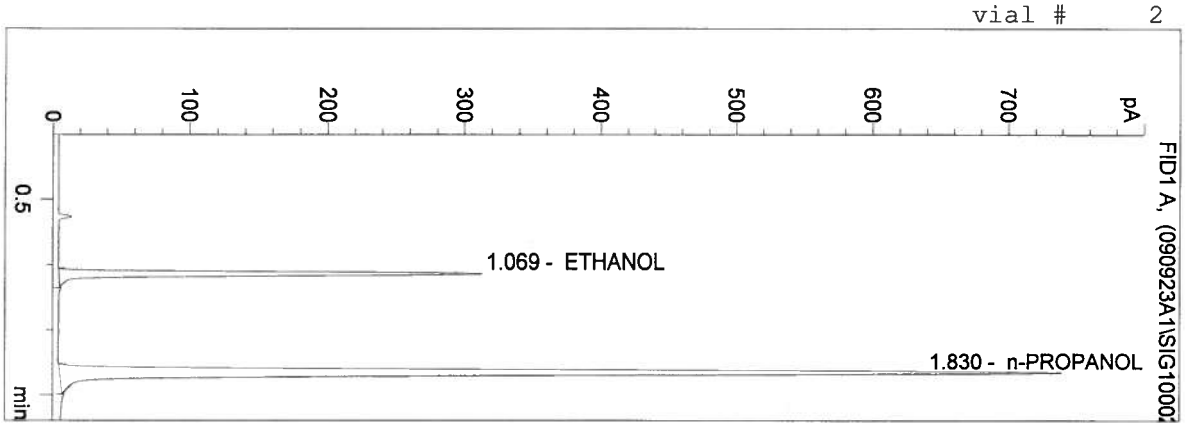
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/23/2009 4:12:56 PM
Instrument 3
db-alc2

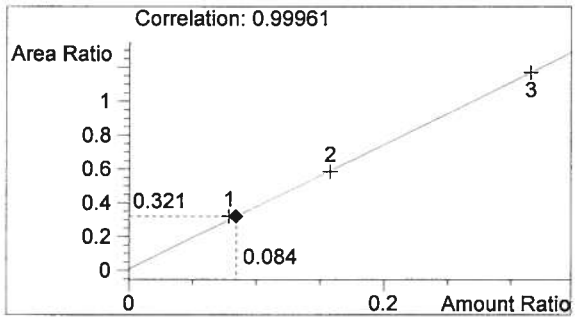
0.079 cal 1
asa louis

vial # 2

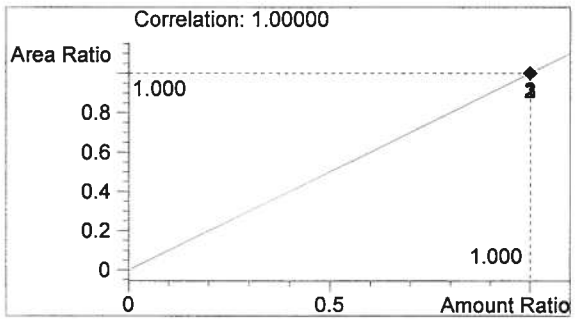


#	Compound	Area	RT
1	ETHANOL	673	1.069
2	n-PROPANOL	2099	1.830

Totals:



ETHANOL 0.084 g/100ml



n-PROPANOL 1.000 g/100ml

A
20090923

A
20091008

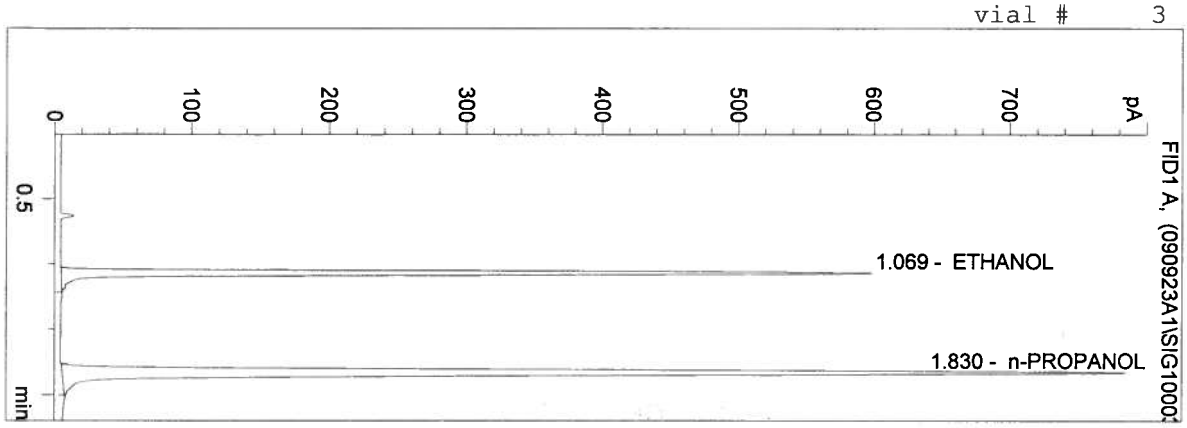
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/23/2009 4:16:04 PM
Instrument 3
db-alc2

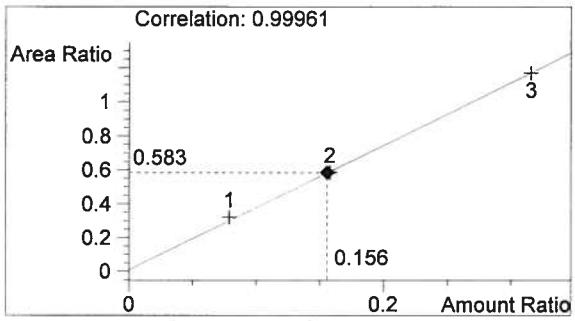
0.158 cal 2
asa louis

vial # 3

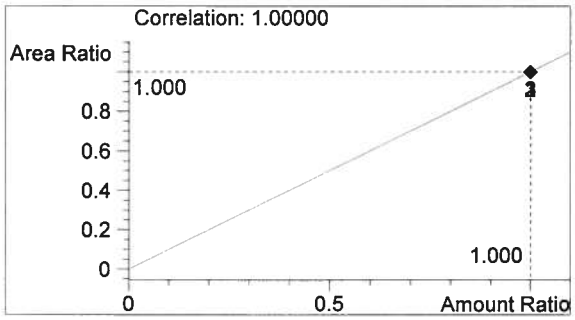


#	Compound	Area	RT
1	ETHANOL	1305	1.069
2	n-PROPANOL	2239	1.830

Totals:



ETHANOL 0.156 g/100ml



n-PROPANOL 1.000 g/100ml

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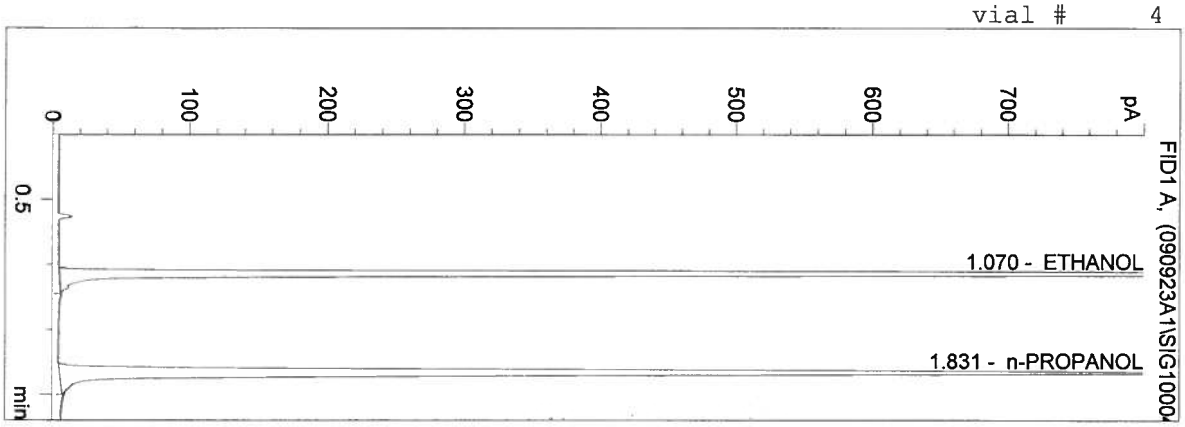
Instrument 3
db-alc2

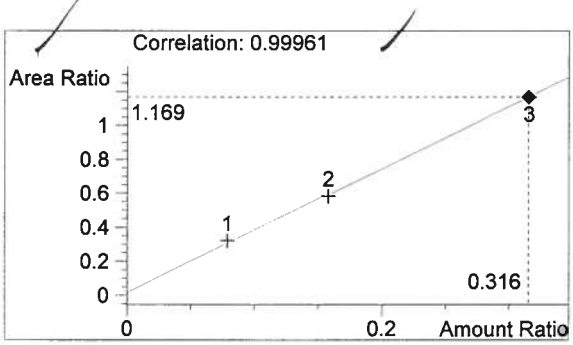
0.316 cal 3
asa louis

vial # 4

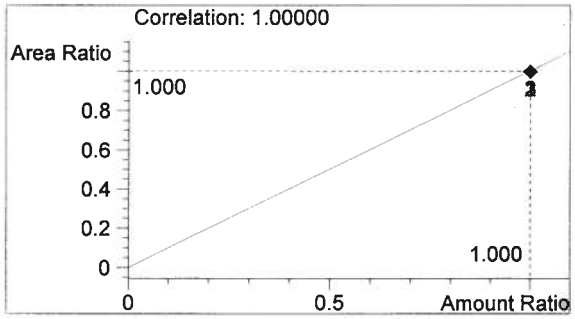


#	Compound	Area	RT
1	ETHANOL	2799	1.070
2	n-PROPANOL	2395	1.831

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

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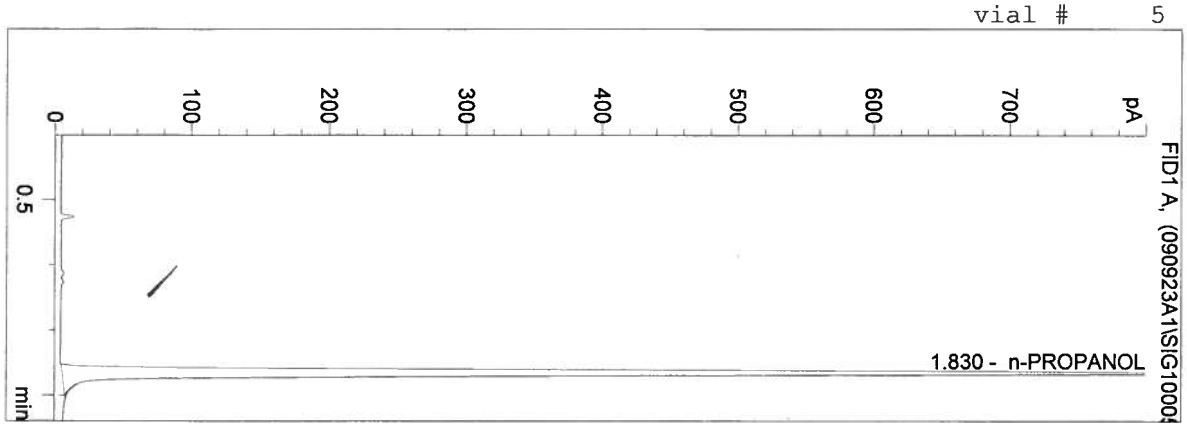
Instrument 3
db-alc2

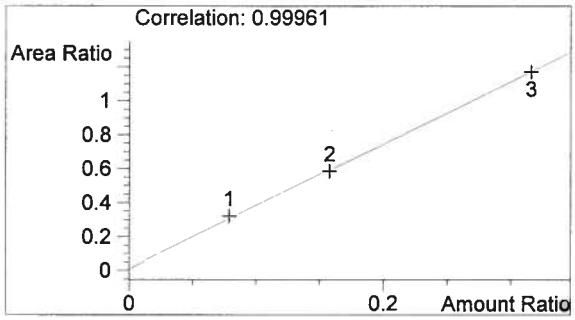
neg control - al
asa louis

vial # 5

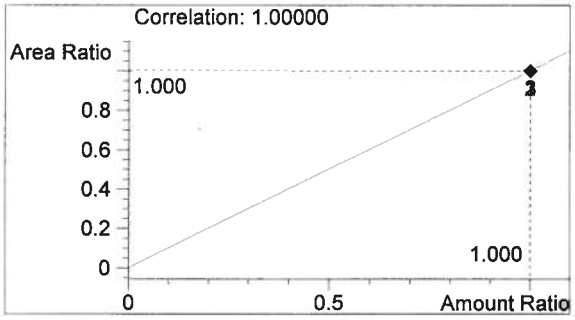


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2460	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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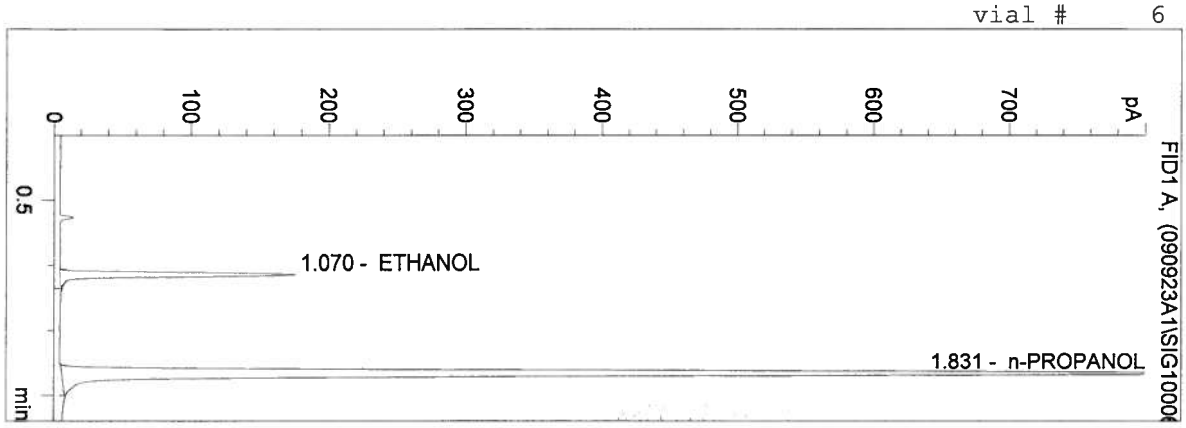
Instrument 3
db-alc2

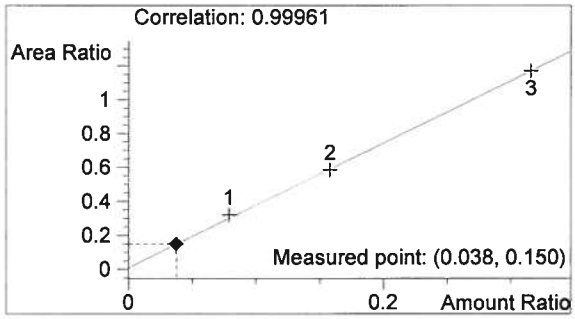
0.04 ctrl al
asa louis

vial # 6

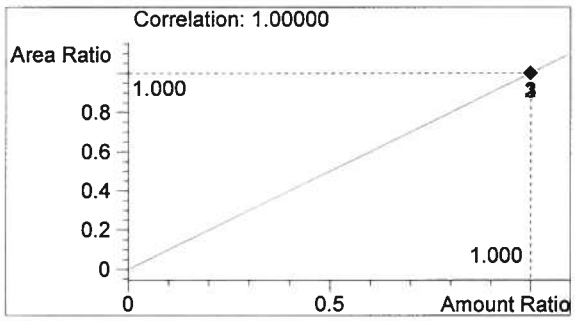


#	Compound	Area	RT
1	ETHANOL	376	1.070
2	n-PROPANOL	2505	1.831

Totals:



ETHANOL 0.038 g/100ml



n-PROPANOL 1.000 g/100ml

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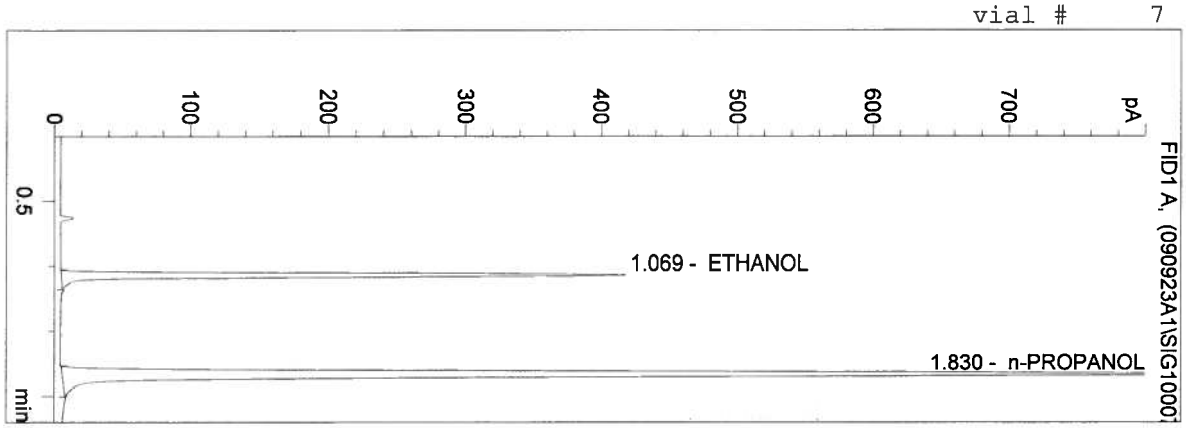
Instrument 3
db-alc2

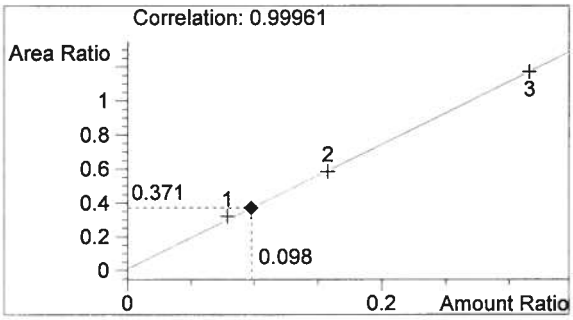
0.10 ctrl al
asa louis

vial # 7

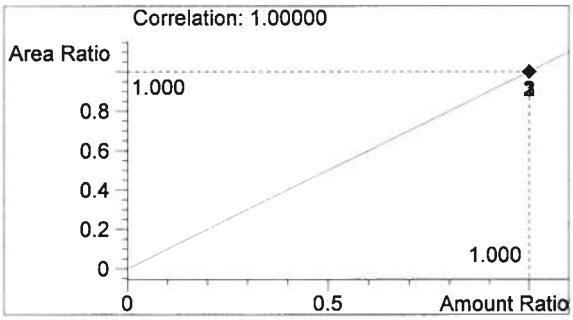


#	Compound	Area	RT
1	ETHANOL	900	1.069
2	n-PROPANOL	2429	1.830

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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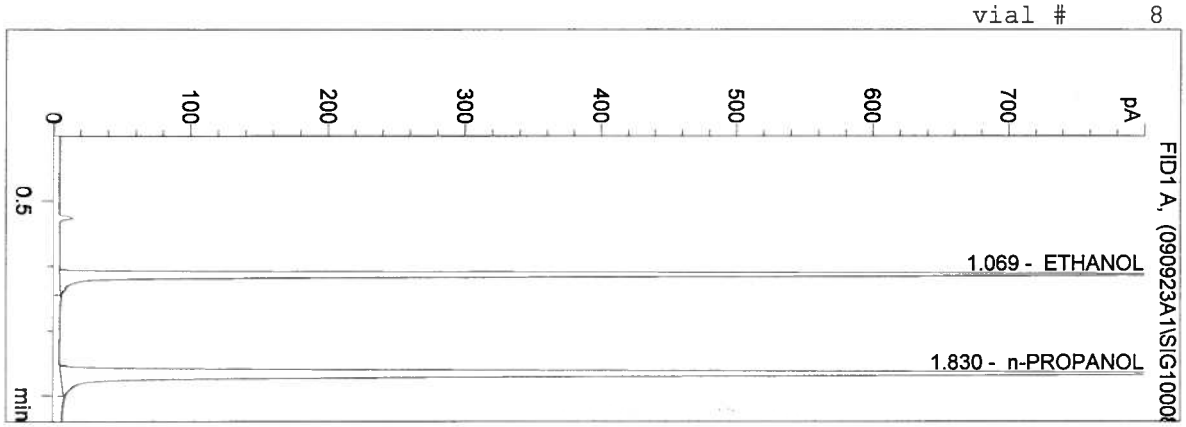
Instrument 3
db-alc2

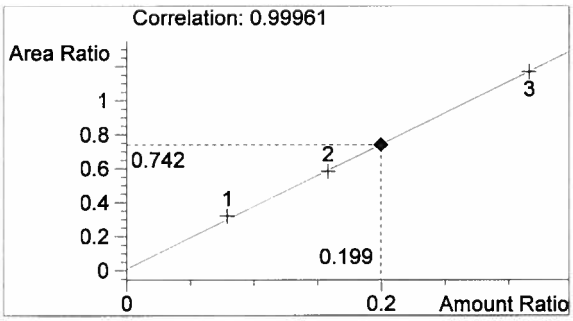
0.20 ctrl al
asa louis

vial # 8

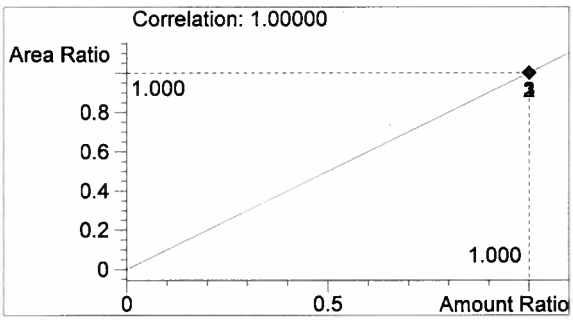


#	Compound	Area	RT
1	ETHANOL	1862	1.069
2	n-PROPANOL	2510	1.830

Totals:



ETHANOL 0.199 g/100ml



n-PROPANOL 1.000 g/100ml

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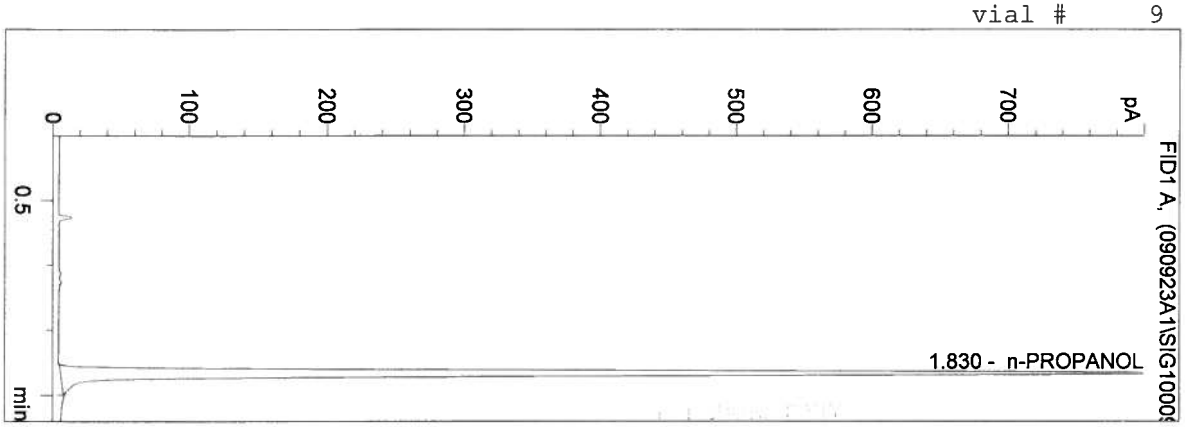
Instrument 3
db-alc2

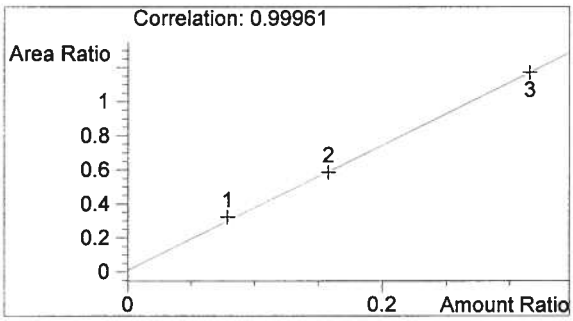
neg control - al
asa louis

vial # 9

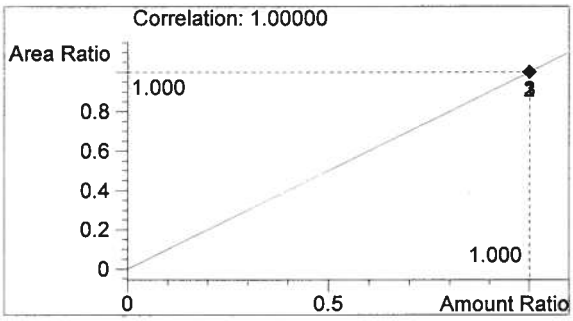


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2363	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
db-alc2

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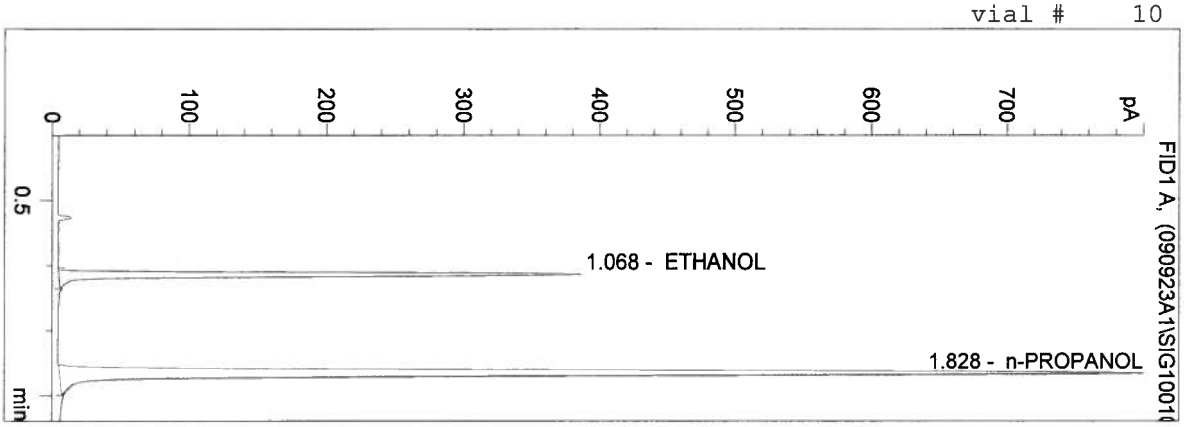
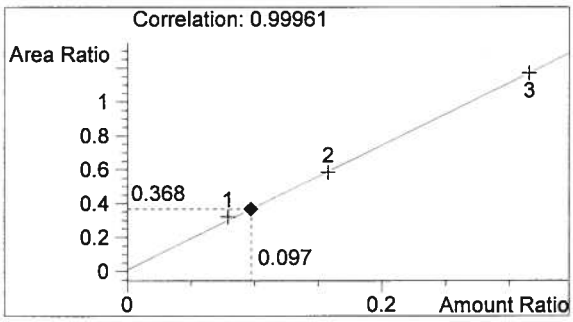
asa louis

vial # 10

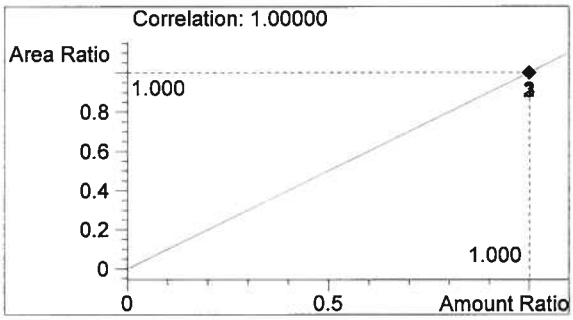


#	Compound	Area	RT
1	ETHANOL	842	1.068
2	n-PROPANOL	2288	1.828

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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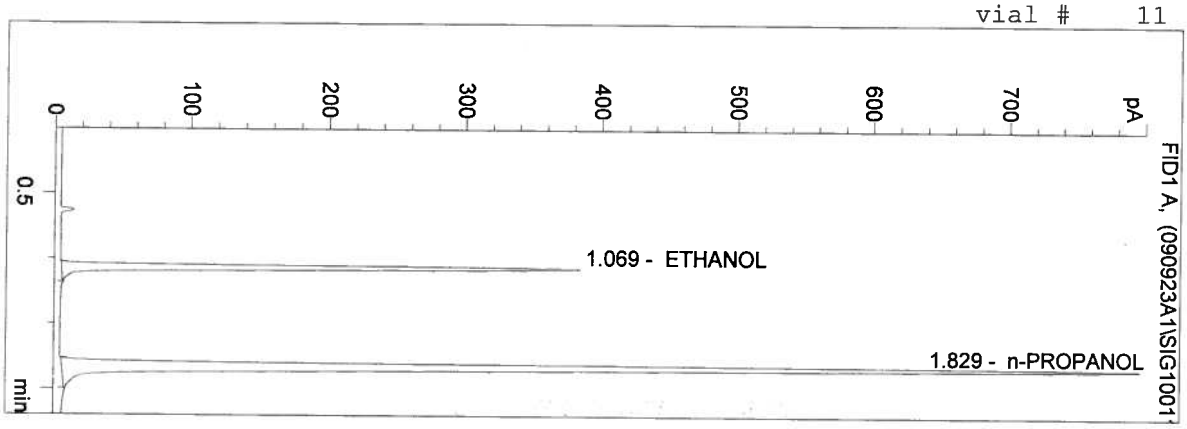
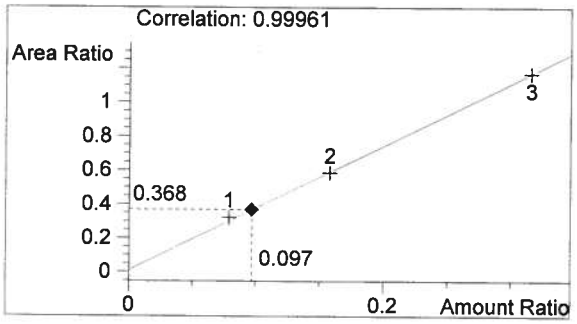
Instrument 3
db-alc2

09046 #2
asa louis

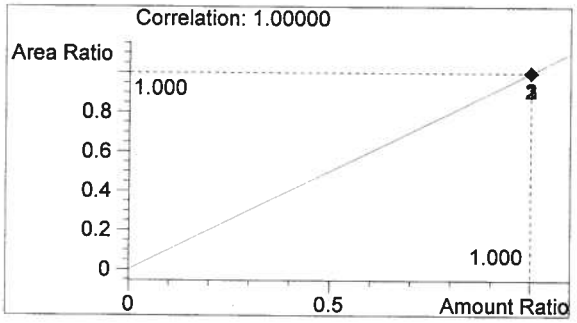
vial # 11



#	Compound	Area	RT
1	ETHANOL	833	1.069
2	n-PROPANOL	2267	1.829
Totals:			



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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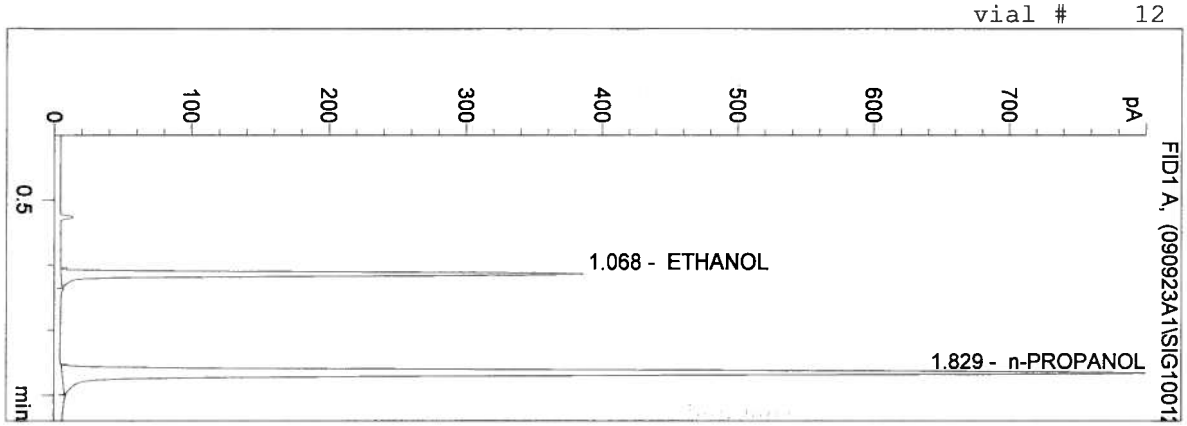
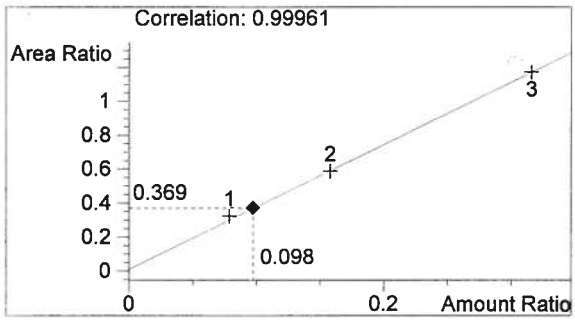
asa louis

vial # 12

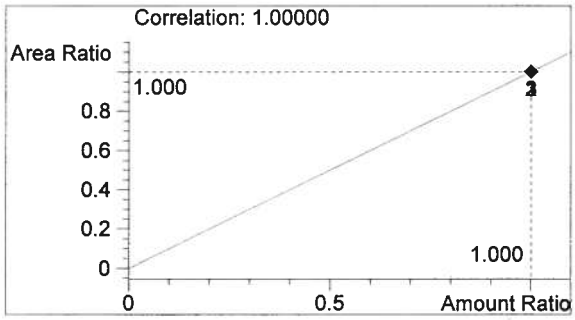


#	Compound	Area	RT
1	ETHANOL	844	1.068
2	n-PROPANOL	2289	1.829

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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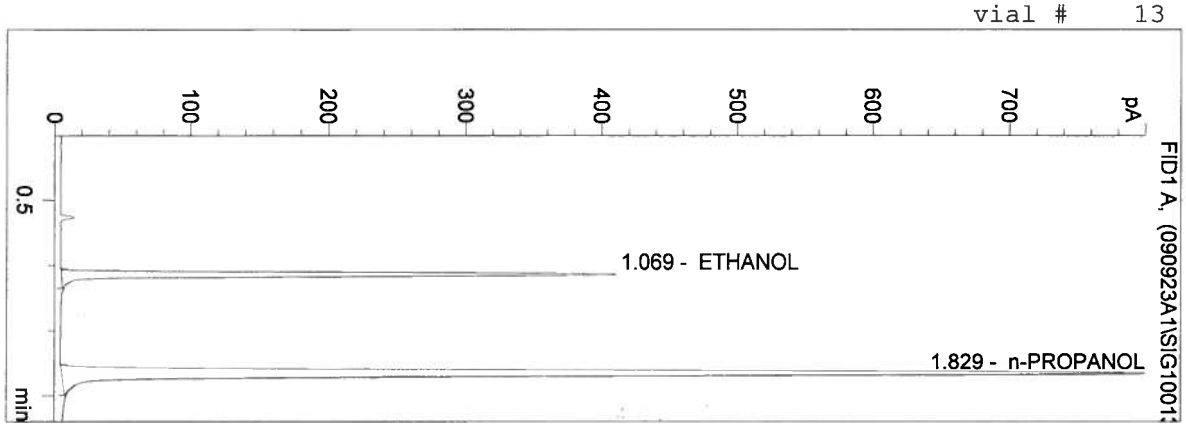
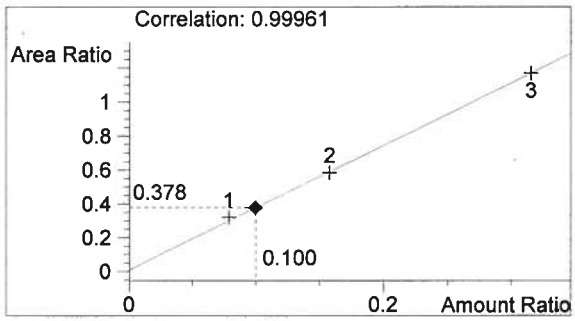
asa louis

vial # 13

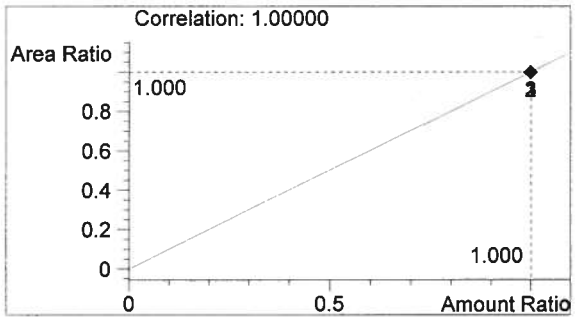


#	Compound	Area	RT
1	ETHANOL	882	1.069
2	n-PROPANOL	2332	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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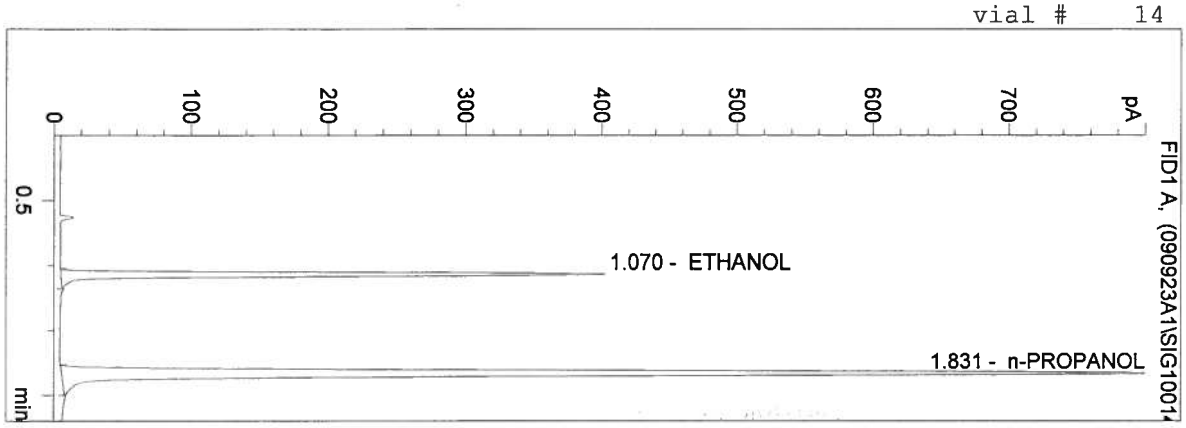
Instrument 3
db-alc2

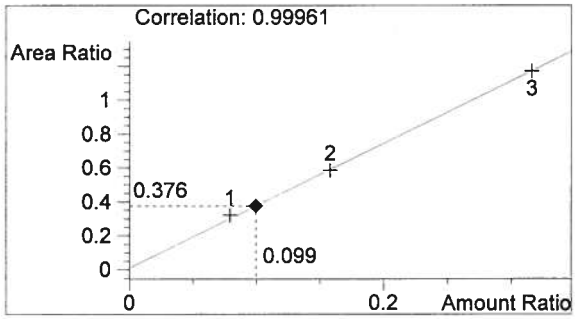
09046 #5
asa louis

vial # 14

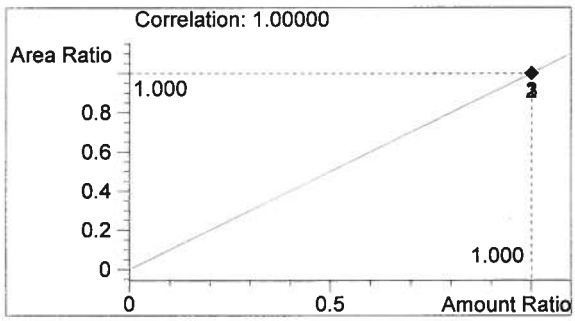


#	Compound	Area	RT
1	ETHANOL	867	1.070
2	n-PROPANOL	2308	1.831

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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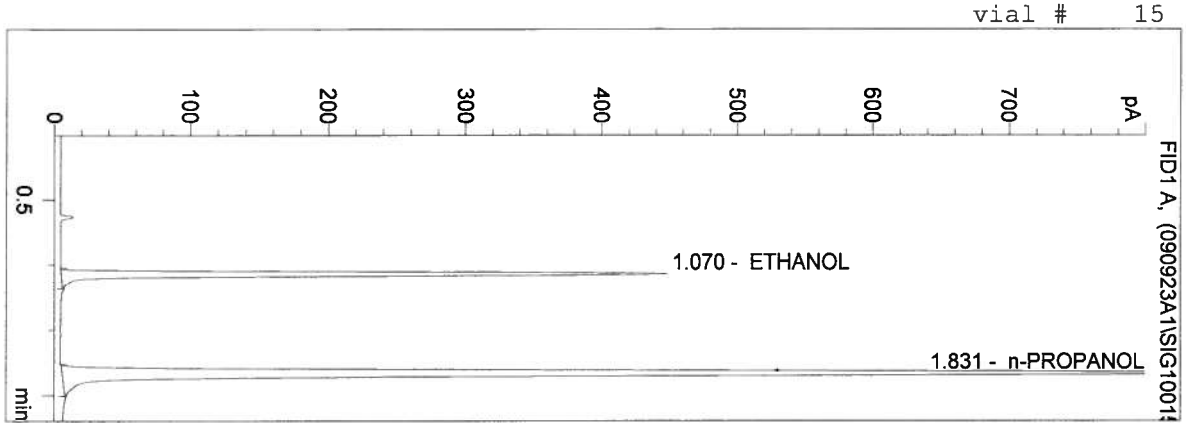
Instrument 3
db-alc2

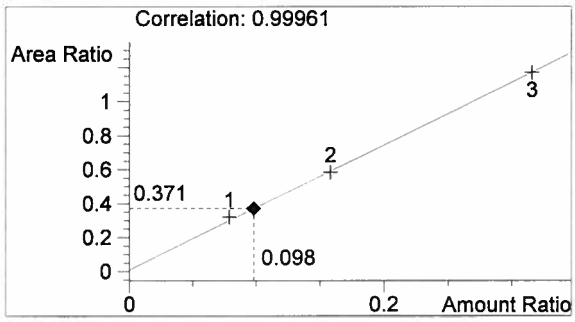
0.10 ctrl al
asa louis

vial # 15

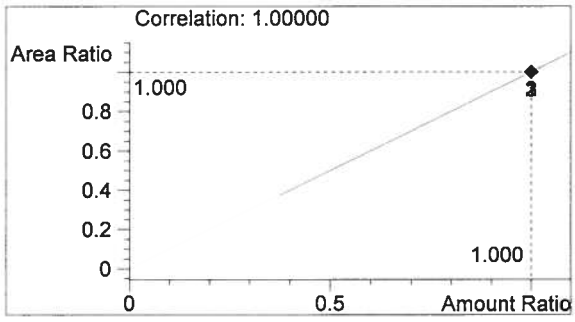


#	Compound	Area	RT
1	ETHANOL	967	1.070
2	n-PROPANOL	2605	1.831

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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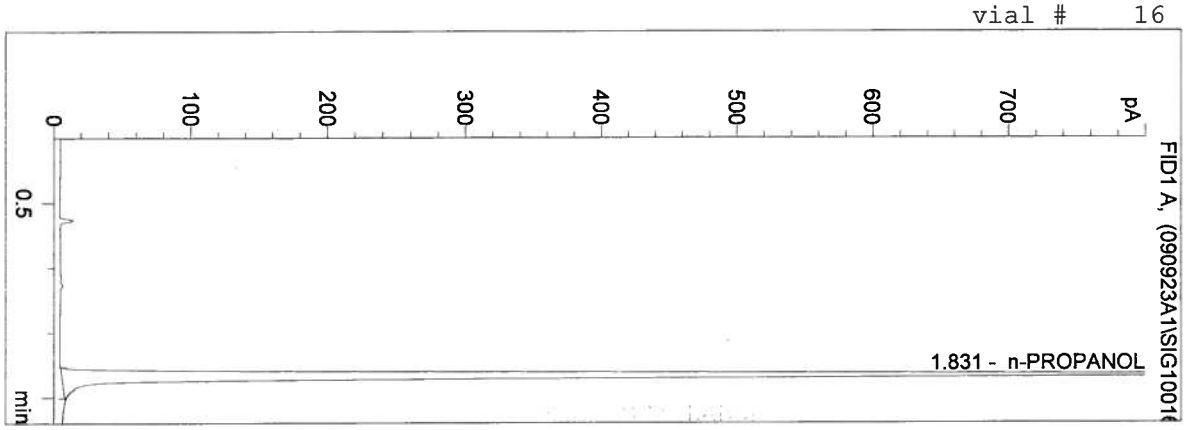
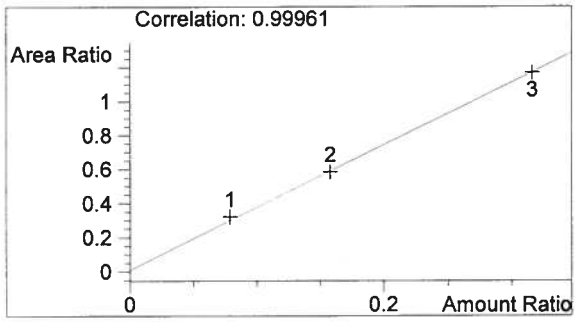
asa louis

vial # 16

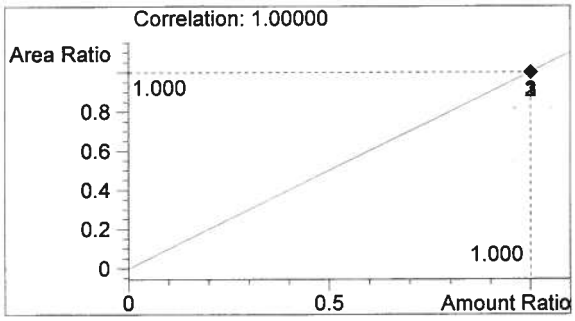


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2628	1.831

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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Sequence Parameters:

Operator:	Lisa Noble
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090924LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-LN	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-LN	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-LN	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-LN	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-LN	SIMALC	1	Ctrl Samp		
10	Vial 10	09046 #1	SIMALC	1	Sample		
11	Vial 11	09046 #2	SIMALC	1	Sample		
12	Vial 12	09046 #3	SIMALC	1	Sample		
13	Vial 13	09046 #4	SIMALC	1	Sample		
14	Vial 14	09046 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-LN	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-LN	SIMALC	1	Ctrl Samp		

Ln

Calibration Part:

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

Sequence Table (Back Injector):

09046

No entries - empty table!

Ln

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WASHINGTON STATE TOXICOLOGY LABORATORY

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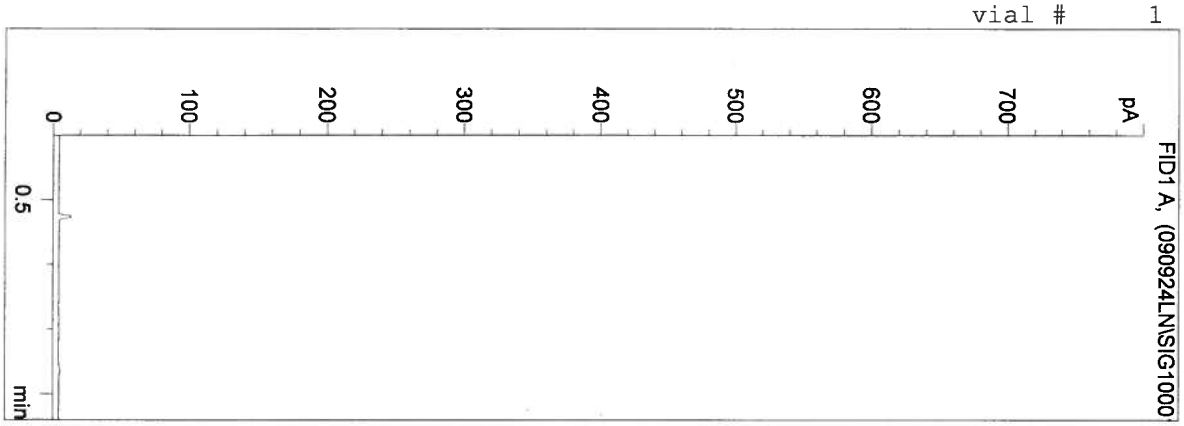
9/24/2009 10:15:16 AM
Instrument 3
db-alc2

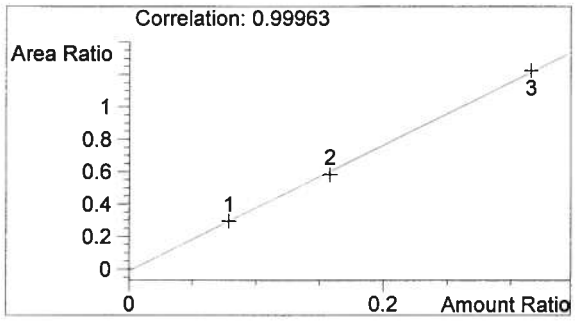
BLANK
Lisa Noble

vial # 1

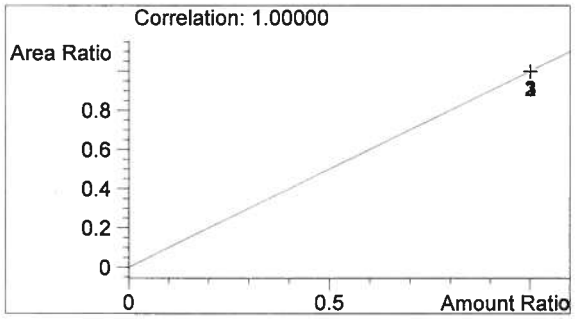


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09046

WASHINGTON STATE TOXICOLOGY LABORATORY

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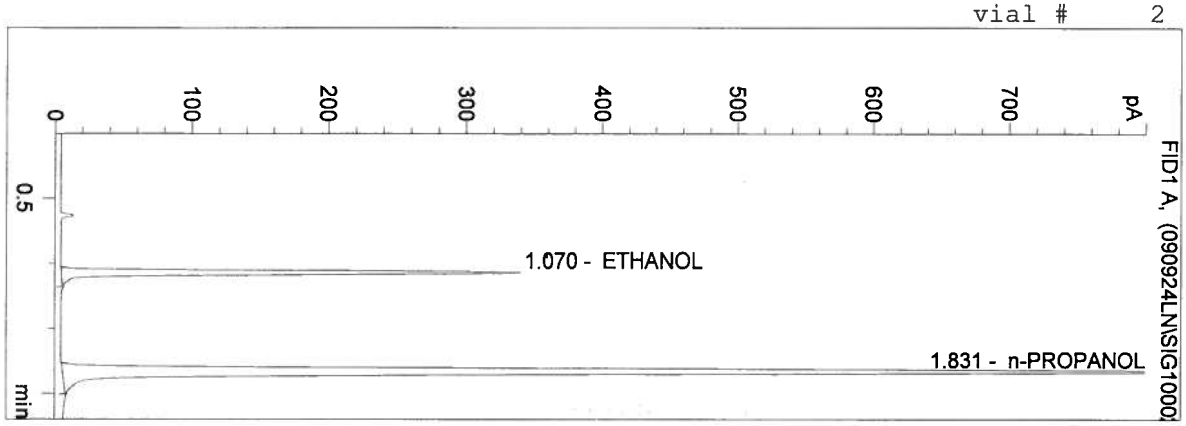
9/24/2009 10:18:24 AM
Instrument 3
db-alc2

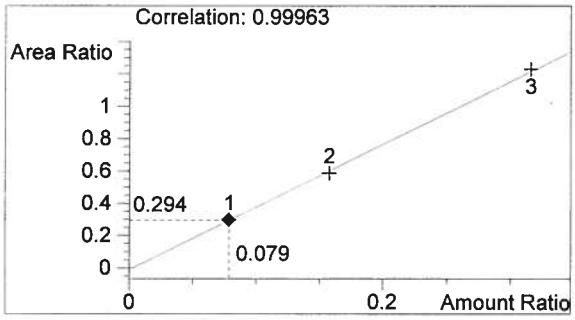
0.079 CAL 1
Lisa Noble

vial # 2

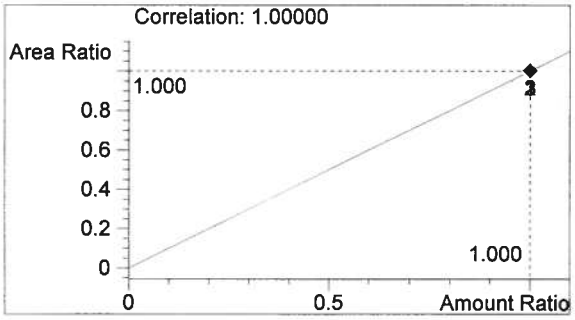


#	Compound	Area	RT
1	ETHANOL	736	1.070
2	n-PROPANOL	2505	1.831

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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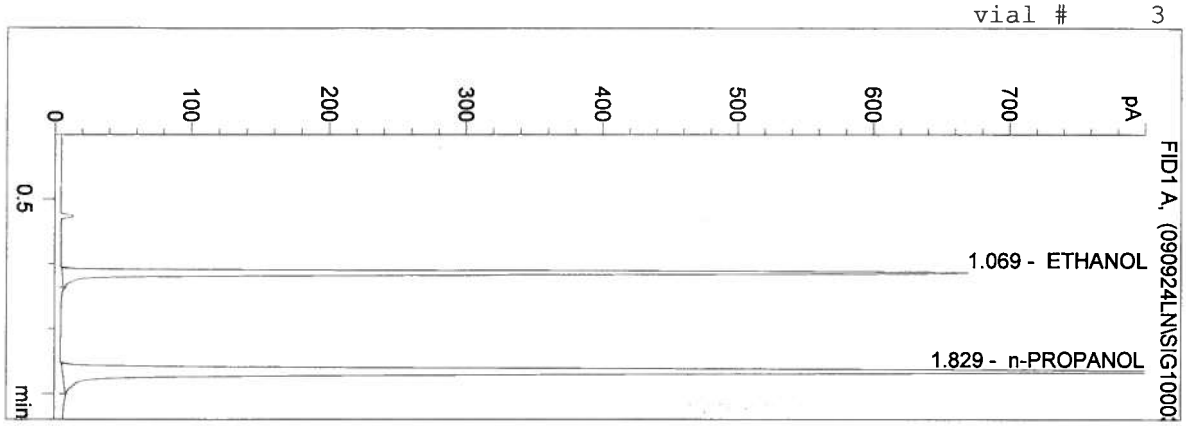
9/24/2009 10:21:32 AM
Instrument 3
db-alc2

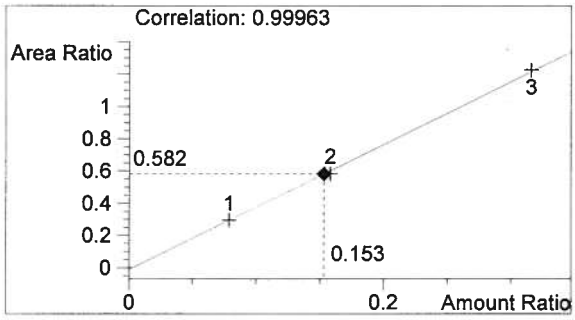
0.158 CAL 2
Lisa Noble

vial # 3

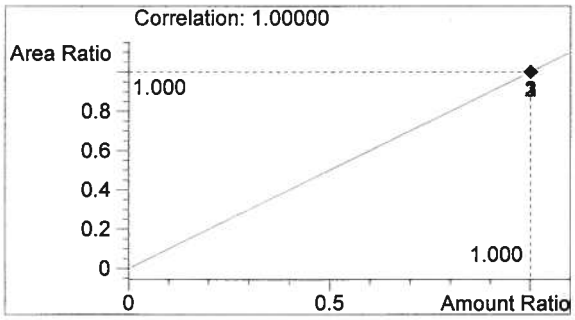


#	Compound	Area	RT
1	ETHANOL	1444	1.069
2	n-PROPANOL	2482	1.829

Totals:



ETHANOL 0.153 g/100ml



n-PROPANOL 1.000 g/100ml

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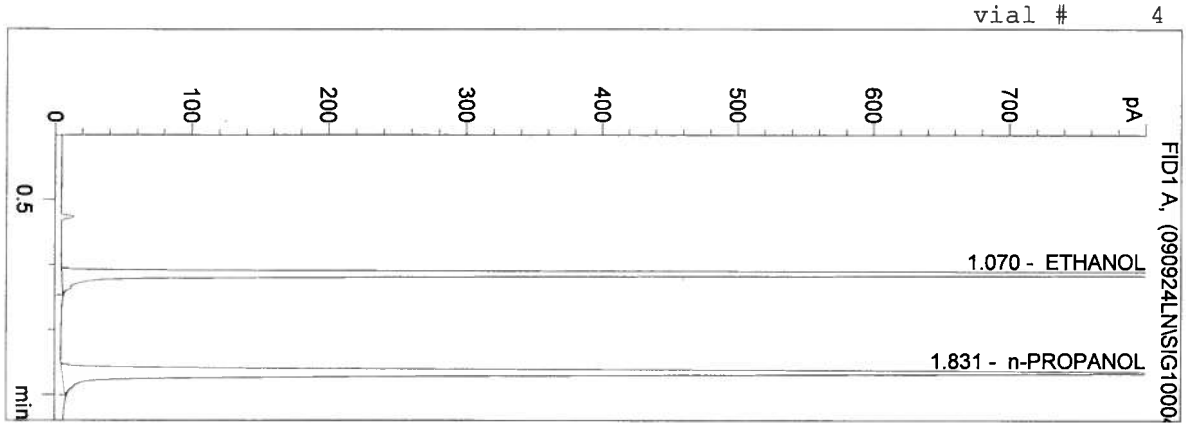
9/24/2009 10:24:40 AM
Instrument 3
db-alc2

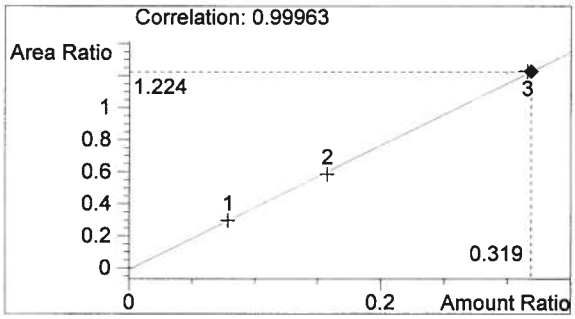
0.316 CAL 3
Lisa Noble

vial # 4

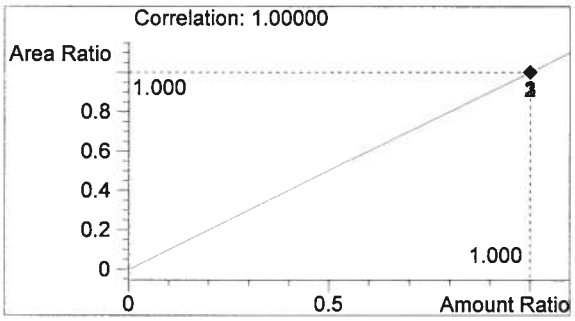


#	Compound	Area	RT
1	ETHANOL	2947	1.070
2	n-PROPANOL	2408	1.831

Totals:



ETHANOL 0.319 g/100ml



n-PROPANOL 1.000 g/100ml

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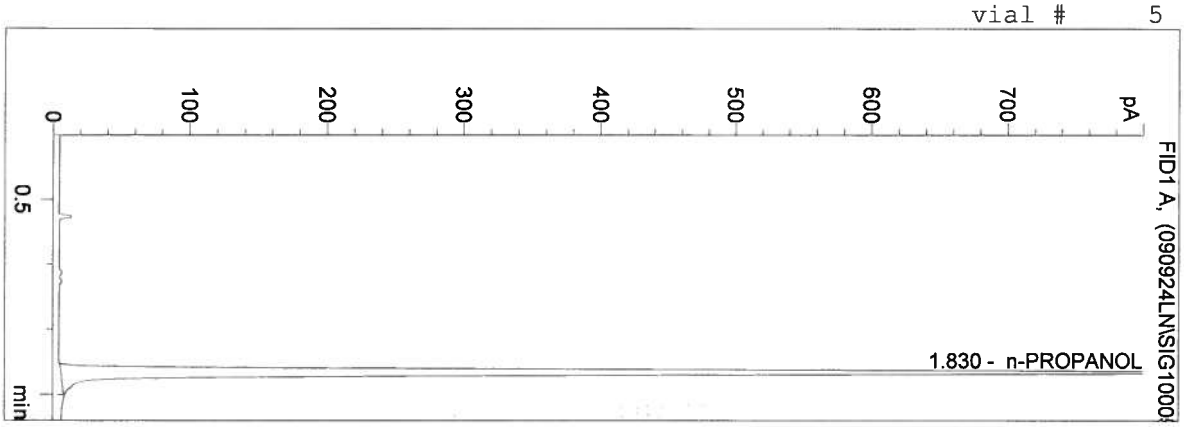
9/24/2009 10:27:47 AM
Instrument 3
db-alc2

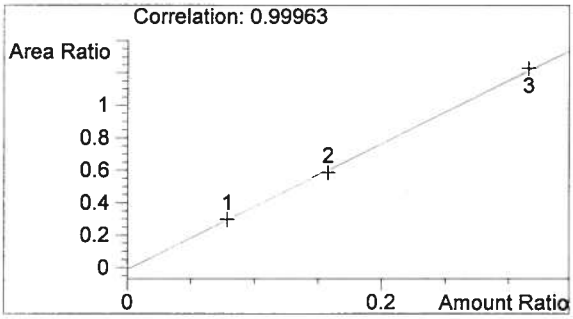
NEG CTRL-LN
Lisa Noble

vial # 5

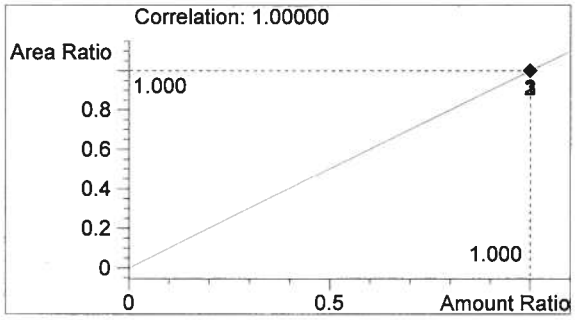


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2518	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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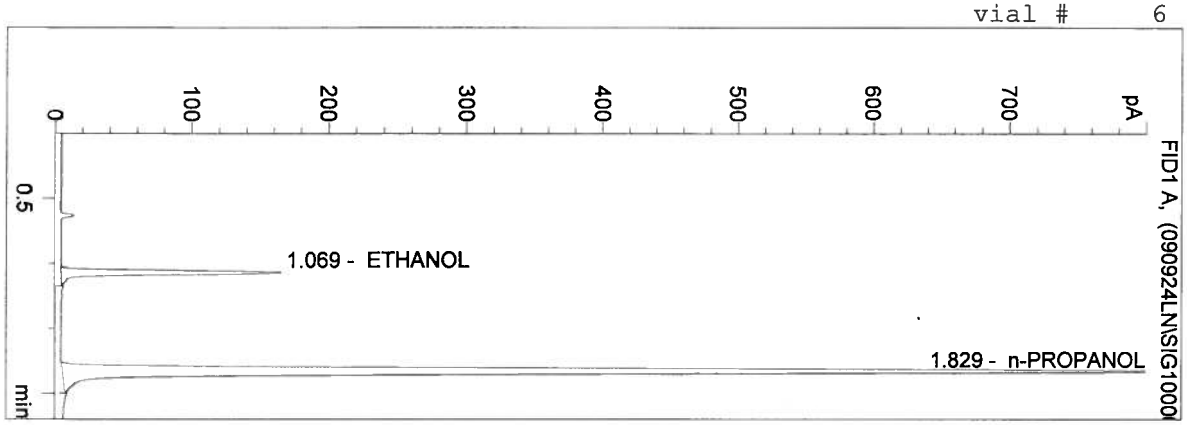
Instrument 3
db-alc2

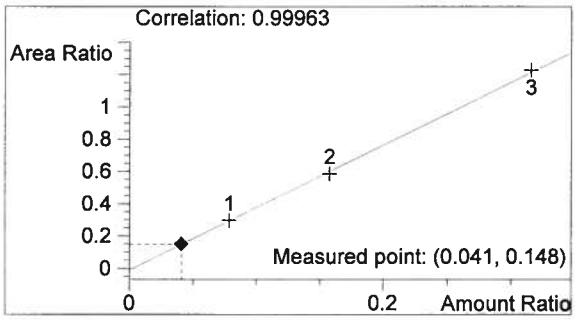
0.04 CTRL-LN
Lisa Noble

vial # 6

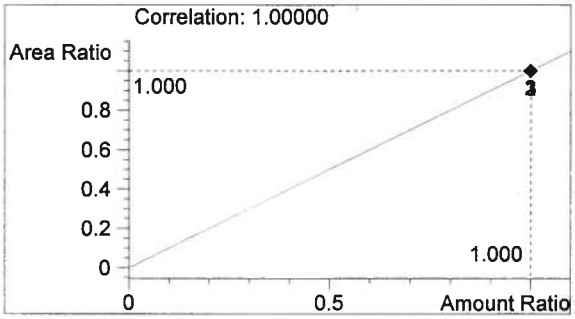


#	Compound	Area	RT
1	ETHANOL	352	1.069
2	n-PROPANOL	2375	1.829

Totals:



ETHANOL 0.041 g/100ml



n-PROPANOL 1.000 g/100ml

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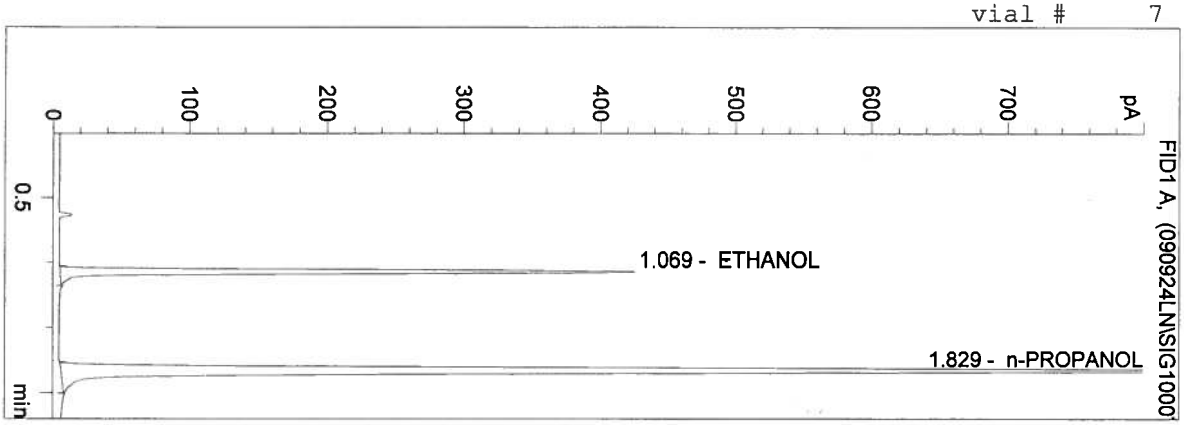
Instrument 3
db-alc2

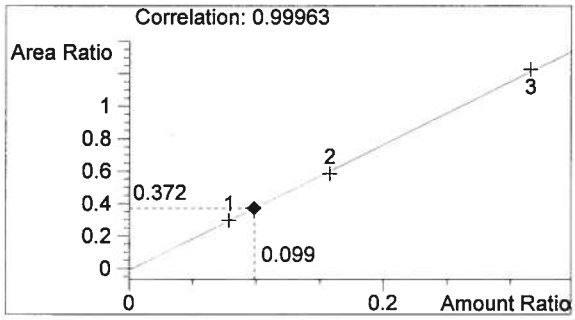
0.10 CTRL-LN
Lisa Noble

vial # 7

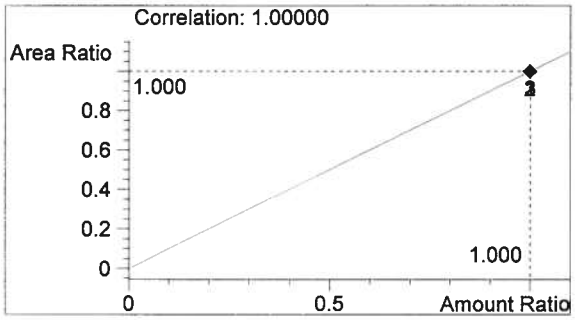


#	Compound	Area	RT
1	ETHANOL	922	1.069
2	n-PROPANOL	2481	1.829

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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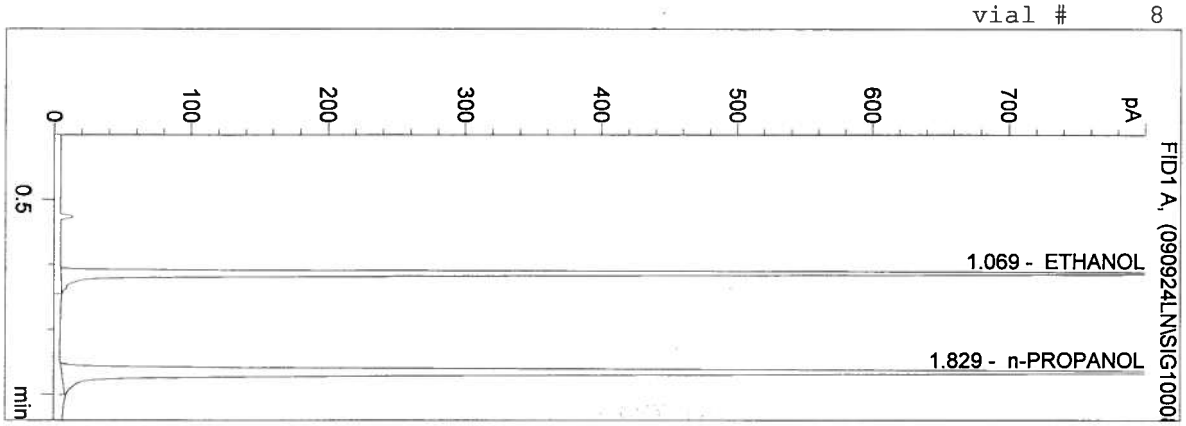
Instrument 3
db-alc2

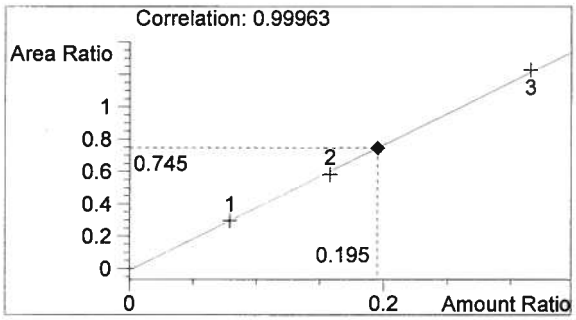
0.20 CTRL-LN
Lisa Noble

vial # 8

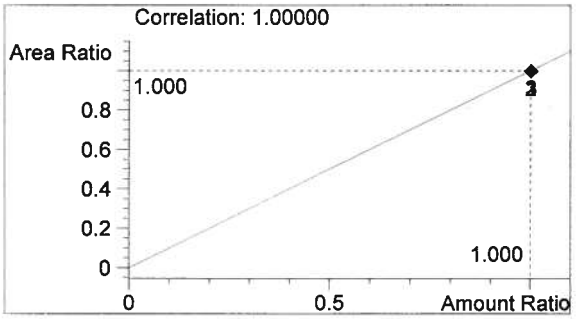


#	Compound	Area	RT
1	ETHANOL	1915	1.069
2	n-PROPANOL	2570	1.829

Totals:



ETHANOL 0.195 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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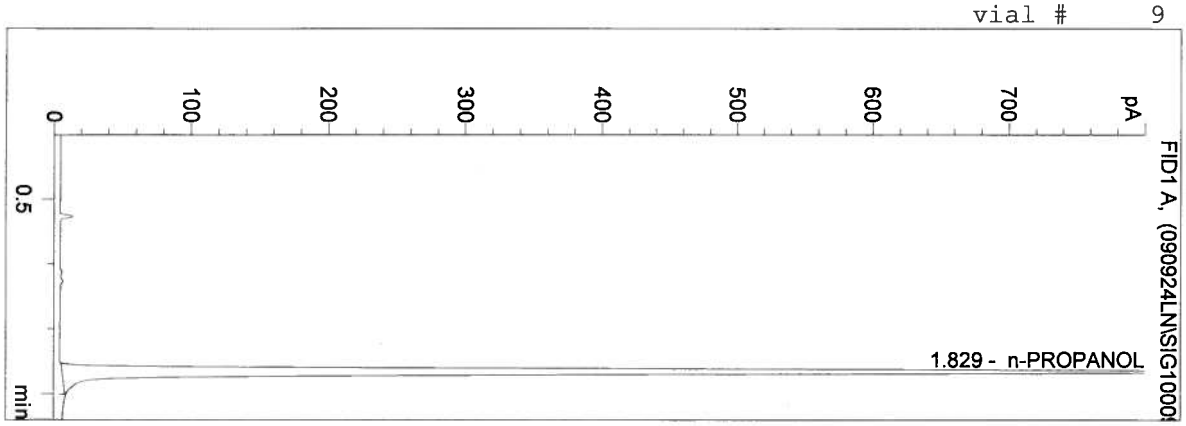
Instrument 3
db-alc2

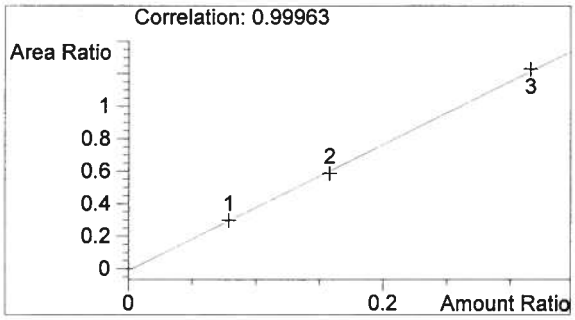
NEG CTRL-LN
Lisa Noble

vial # 9

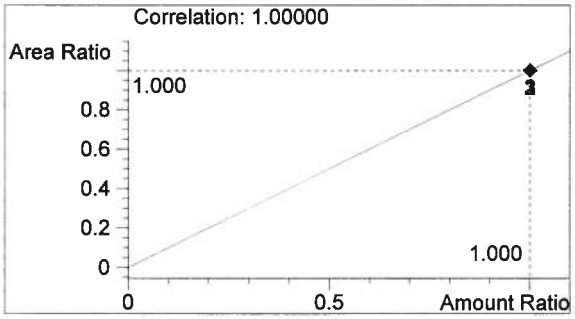


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2605	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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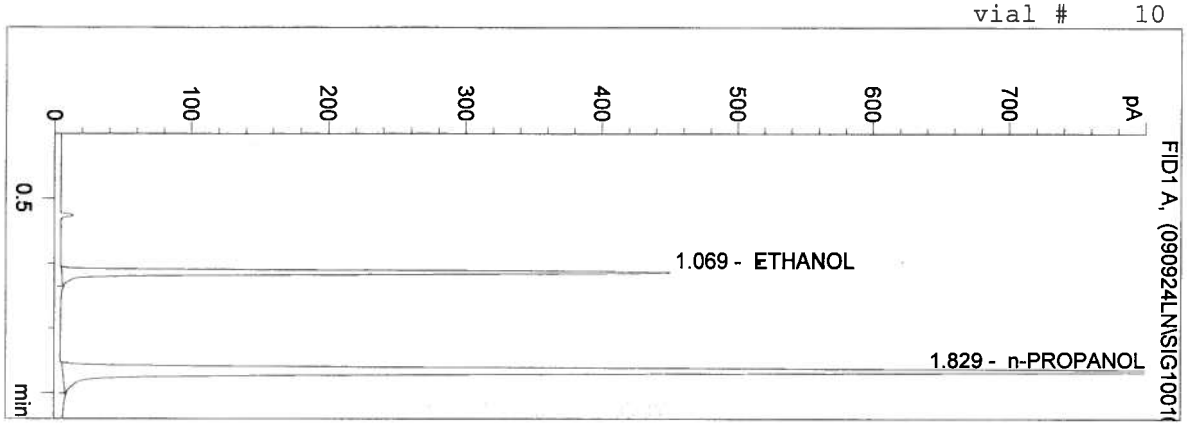
Instrument 3
db-alc2

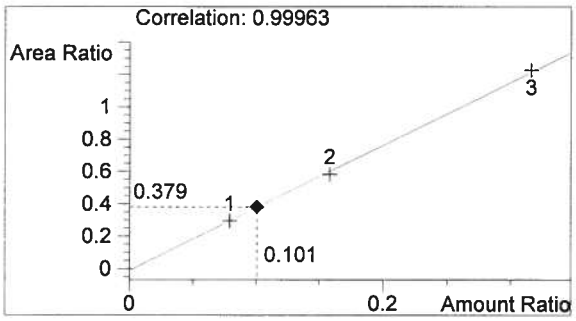
09046 #1
Lisa Noble

vial # 10

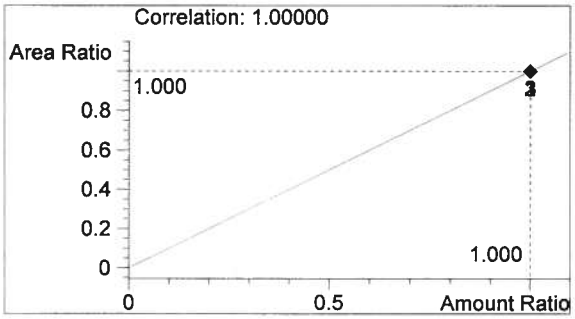


#	Compound	Area	RT
1	ETHANOL	973	1.069
2	n-PROPANOL	2564	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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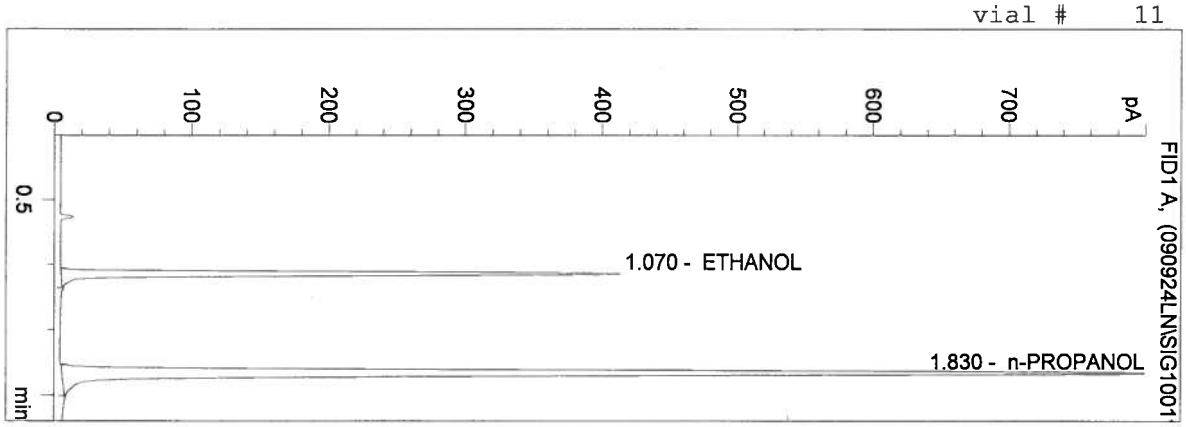
Instrument 3
db-alc2

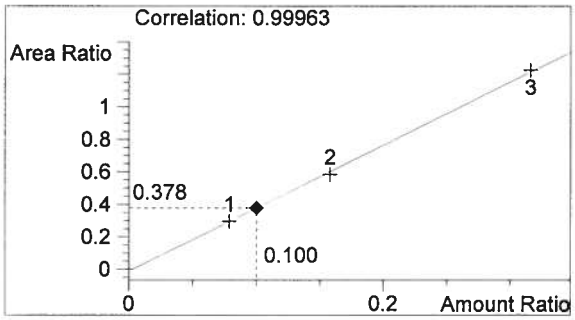
09046 #2
Lisa Noble

vial # 11

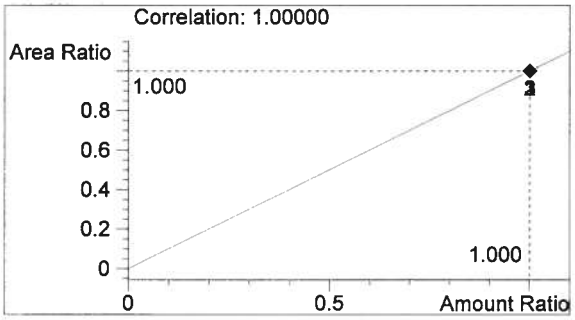


#	Compound	Area	RT
1	ETHANOL	895	1.070
2	n-PROPANOL	2368	1.830

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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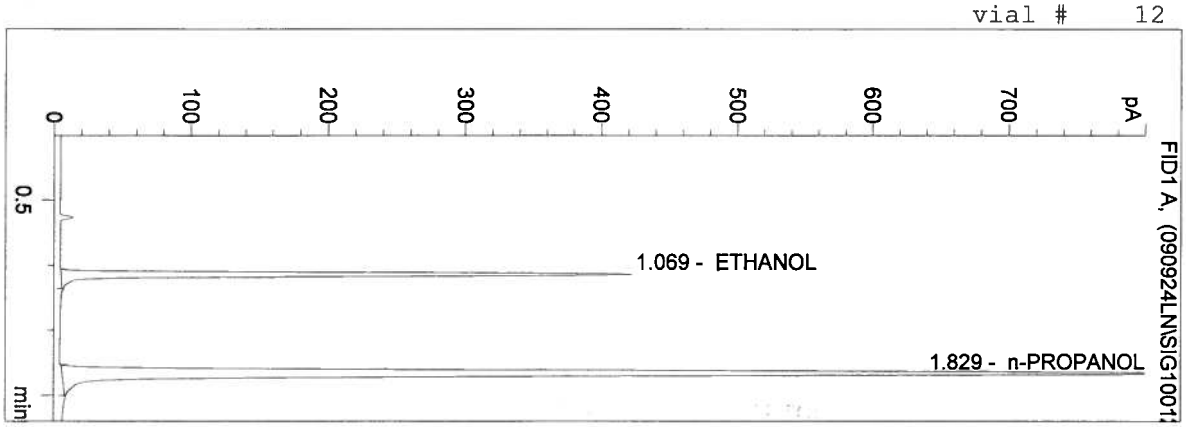
Instrument 3
db-alc2

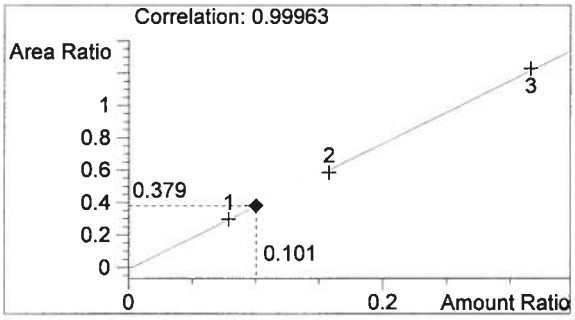
09046 #3
Lisa Noble

vial # 12

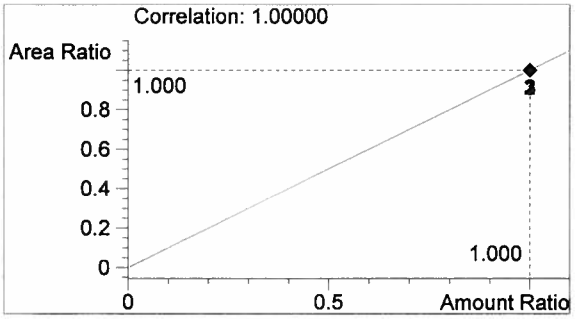


#	Compound	Area	RT
1	ETHANOL	909	1.069
2	n-PROPANOL	2399	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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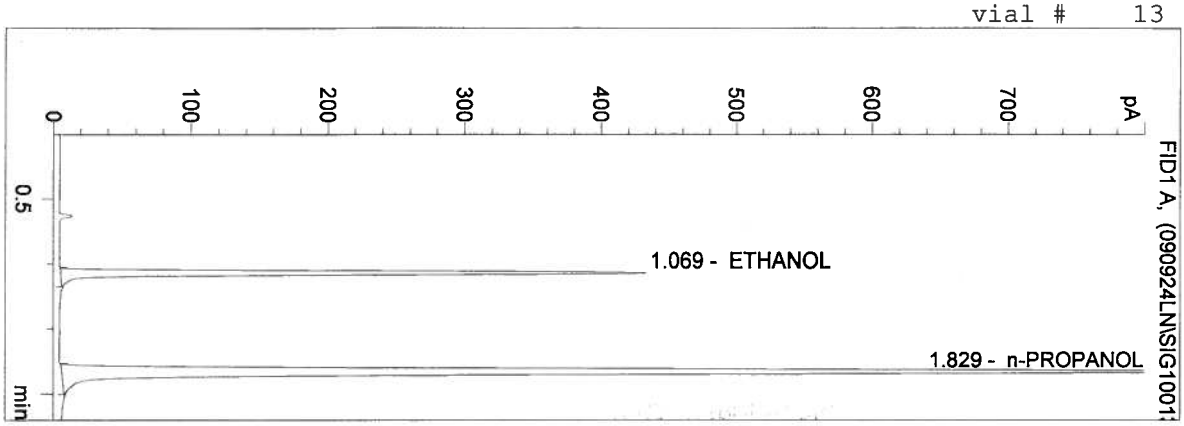
Instrument 3
db-alc2

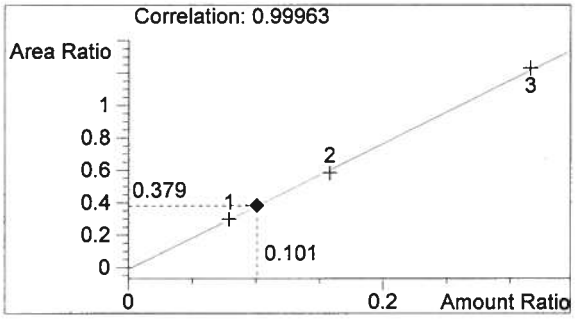
09046 #4
Lisa Noble

vial # 13

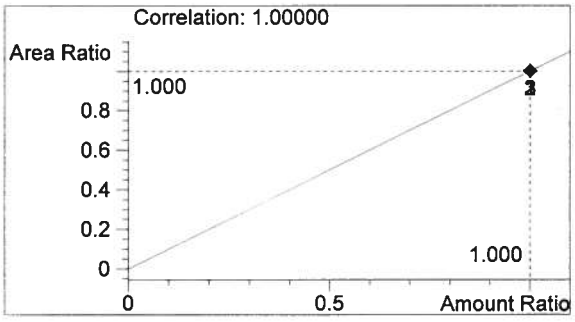


#	Compound	Area	RT
1	ETHANOL	938	1.069
2	n-PROPANOL	2471	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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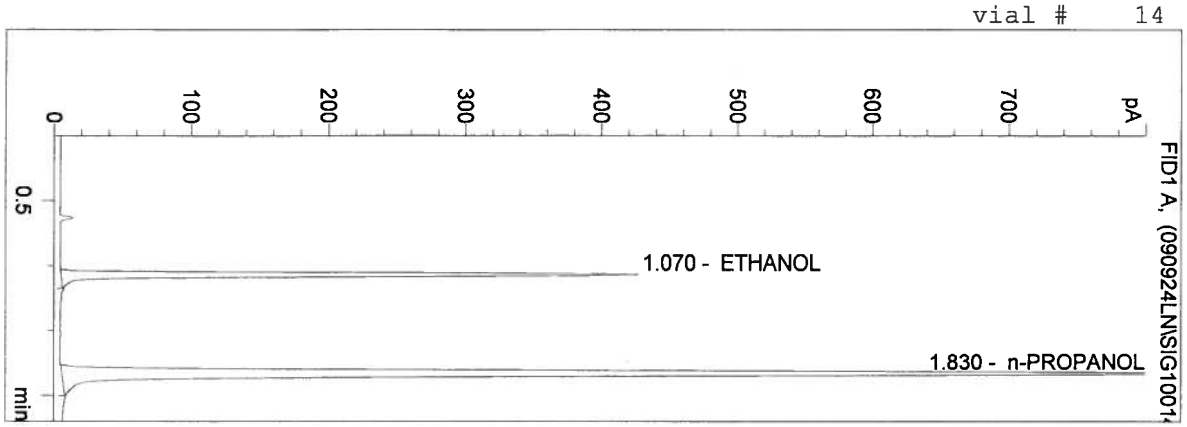
9/24/2009 10:55:58 AM
Instrument 3
db-alc2

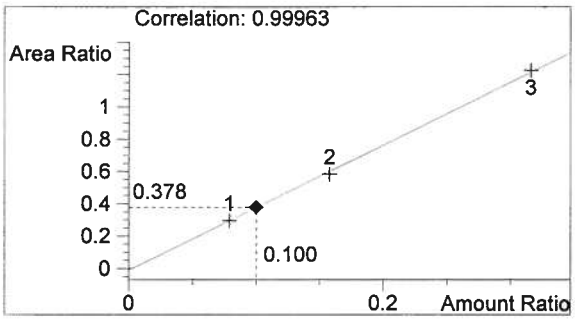
09046 #5
Lisa Noble

vial # 14

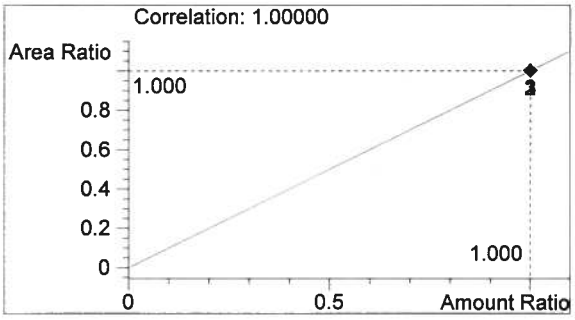


#	Compound	Area	RT
1	ETHANOL	922	1.070
2	n-PROPANOL	2439	1.830

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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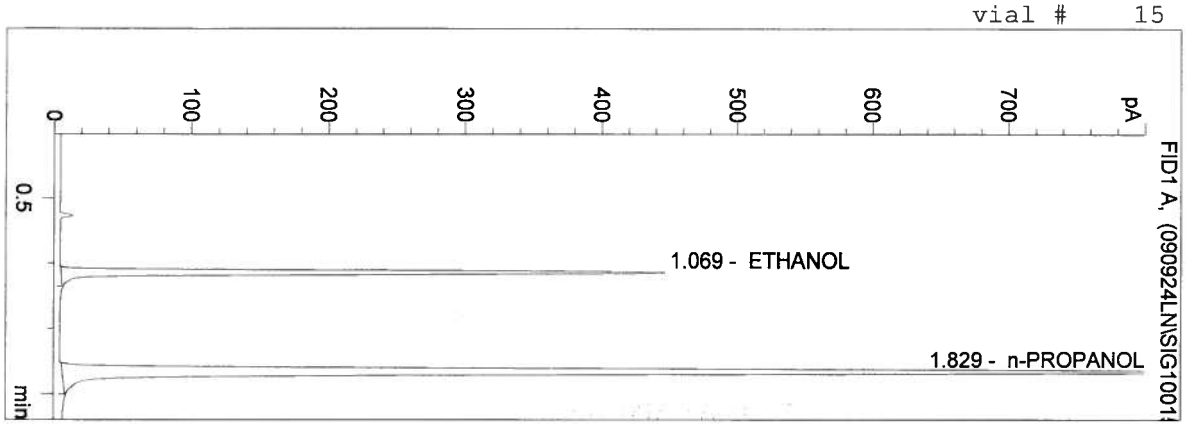
9/24/2009 10:59:05 AM
Instrument 3
db-alc2

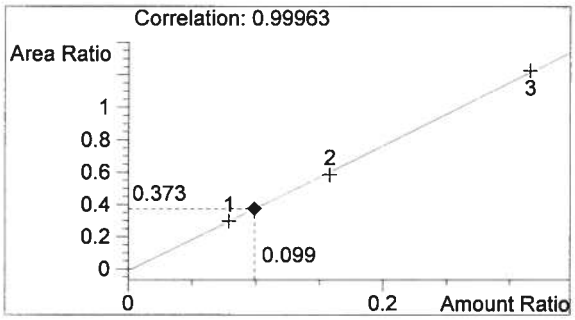
0.10 CTRL-LN
Lisa Noble

vial # 15

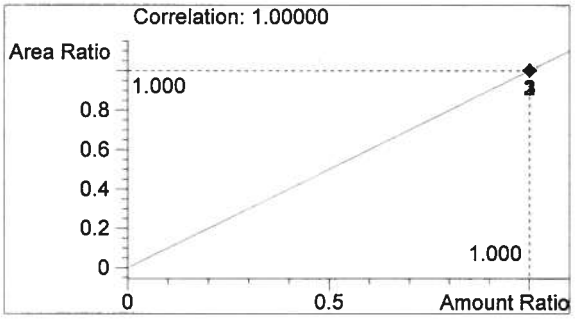


#	Compound	Area	RT
1	ETHANOL	965	1.069
2	n-PROPANOL	2587	1.829

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

09046

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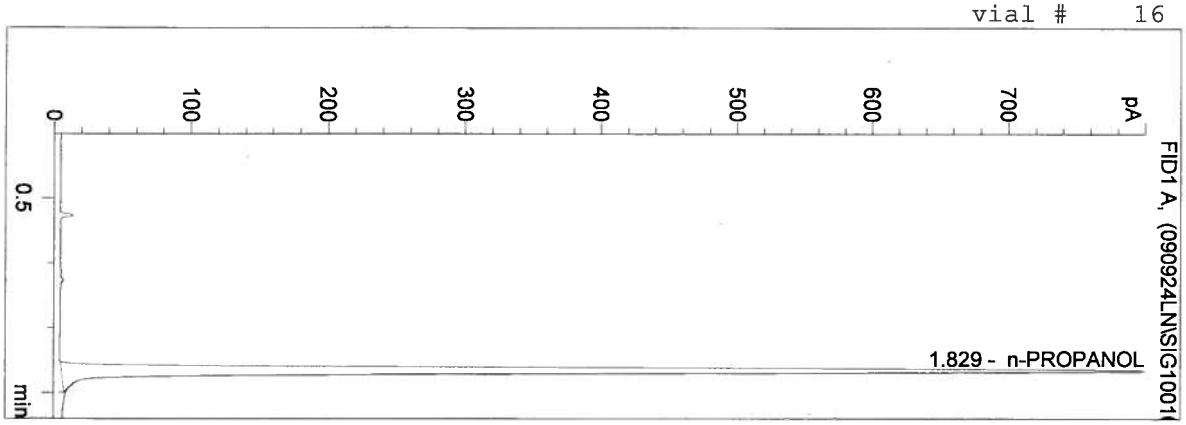
C:\HPCHEM\2\METHODS\SIMALC.M
9/24/2009 11:02:13 AM
Instrument 3
db-alc2

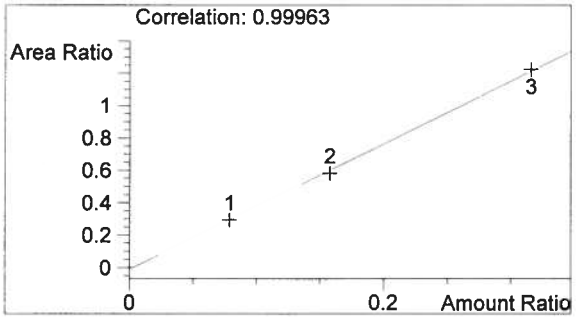
NEG CTRL-LN
Lisa Noble

vial # 16

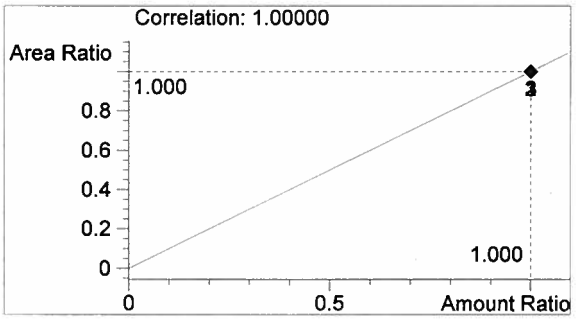


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2358	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09046

Sequence: C:\HPCHEM\1\SEQUENCE\NNESS3.S

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090925NN
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 03/2013

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 NN	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 Control NN	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 Control NN	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 Control NN	SIMALC	1	Ctrl Samp		
9	Vial 9	Neg Control NN	SIMALC	1	Ctrl Samp		
10	Vial 10	ESS 09046-1	SIMALC	1	Sample		
11	Vial 11	ESS 09046-2	SIMALC	1	Sample		
12	Vial 12	ESS 09046-3	SIMALC	1	Sample		
13	Vial 13	ESS 09046-4	SIMALC	1	Sample		
14	Vial 14	ESS 09046-5	SIMALC	1	Sample		
15	Vial 15	0.10 Control NN	SIMALC	1	Ctrl Samp		
16	Vial 16	Neg Control NN	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

09046

NN
9/25/09

NN
9/25/09

0 9 0 4 6

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0014
Signal 2 Prefix:	SIG2
Counter:	0014
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090925N2
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 03/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 14	ESS 09046-5	SIMALC	1	Sample		
2	Vial 15	0.10 Control NN	SIMALC	1	Ctrl Samp		
3	Vial 16	Neg Control NN	SIMALC	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval

TRAY DID NOT ADVANCE AFTER VIAL 13. DR. NUWAYHID CLEARED AUTOSAMPLER ADVANCE FAULT AND FINISHED SEQUENCE. NO IMPACT ON CERTIFICATION PROCESS SO UNINTENTIONAL DEVIATION APPROVED.
J. SKLEROV (QUALITY ASSURANCE MNGR.)
JS 10/6/09

Sequence Table (Back Injector):

No entries - empty table!

09046

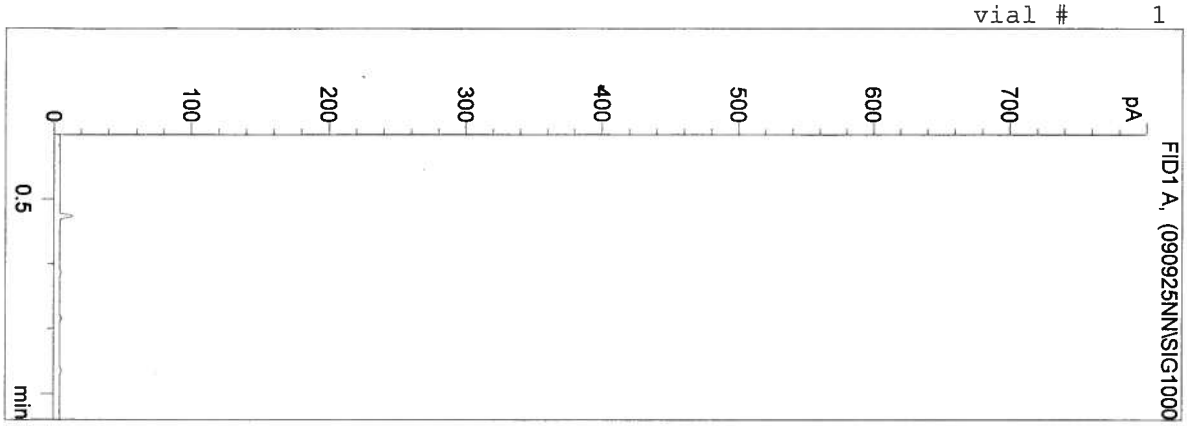
NN
9/25/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/25/2009 8:34:36 AM
Instrument 3
db-alc2

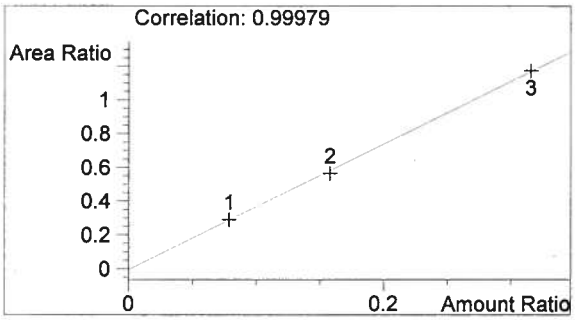
BLANK
Naziha Nuwayhid, PhD

vial # 1

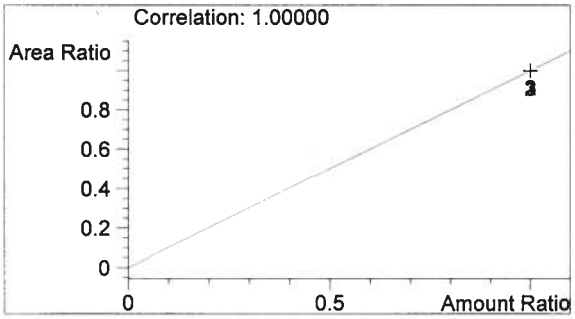


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

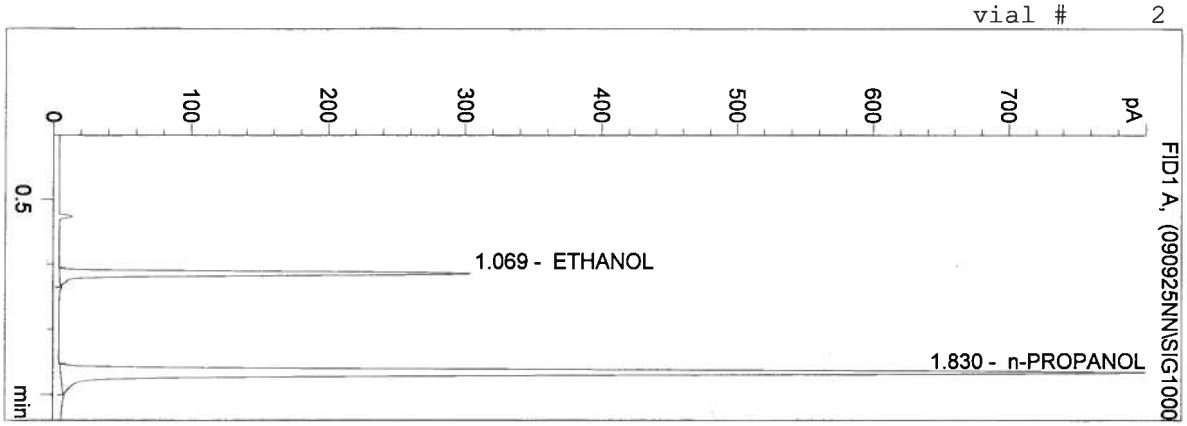
NN
9/25/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/25/2009 8:37:43 AM
Instrument 3
db-alc2

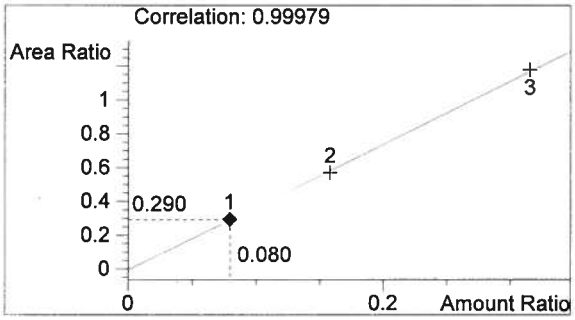
0.079 CAL-1
Naziha Nuwayhid, PhD

vial # 2

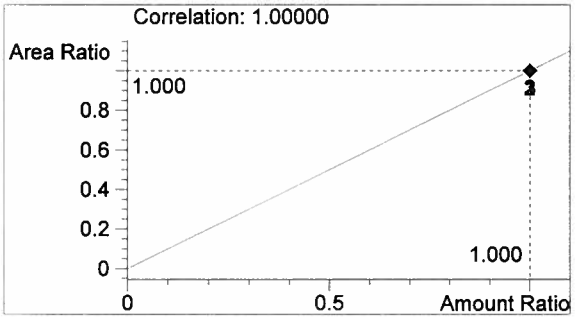


#	Compound	Area	RT
1	ETHANOL	665	1.069
2	n-PROPANOL	2291	1.830

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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NN
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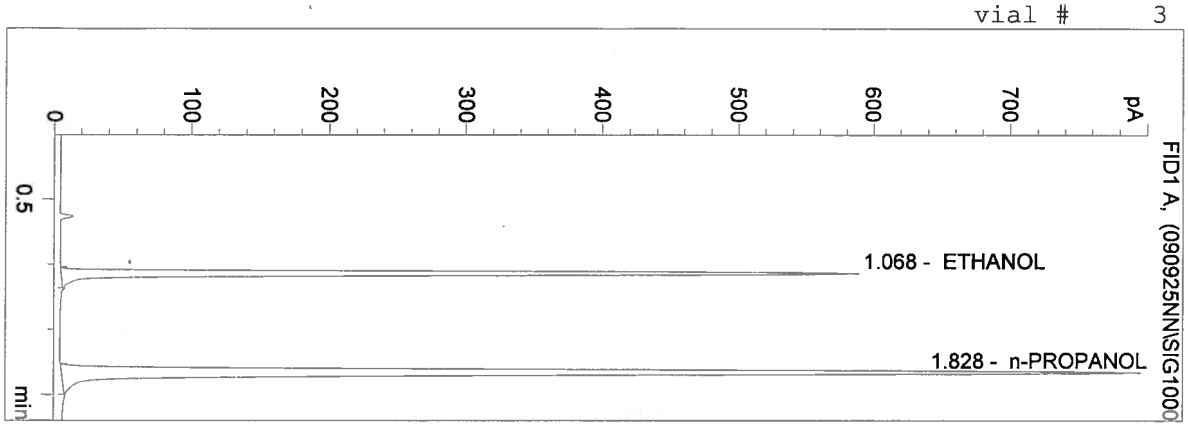
C:\HPCHEM\2\METHODS\BLDALCO3.M
9/25/2009 8:40:51 AM
Instrument 3
db-alc2

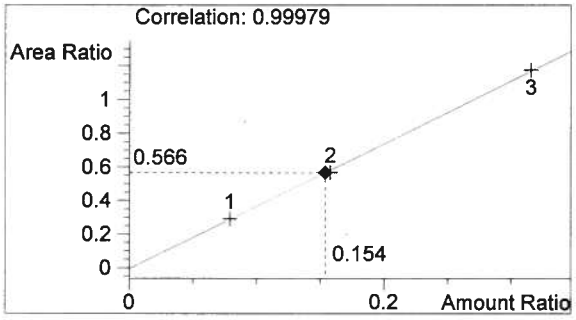
0.158 CAL-2
Naziha Nuwayhid, PhD

vial # 3

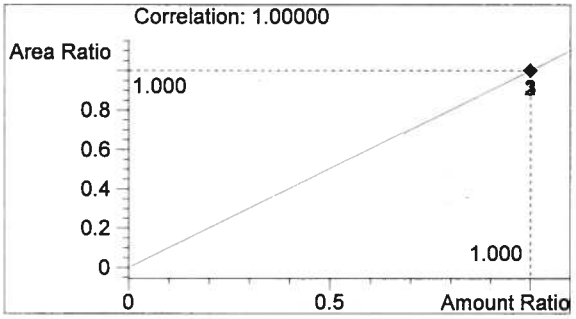


#	Compound	Area	RT
1	ETHANOL	1289	1.068
2	n-PROPANOL	2276	1.828

Totals:



ETHANOL 0.154 g/100ml



n-PROPANOL 1.000 g/100ml

09046

NN
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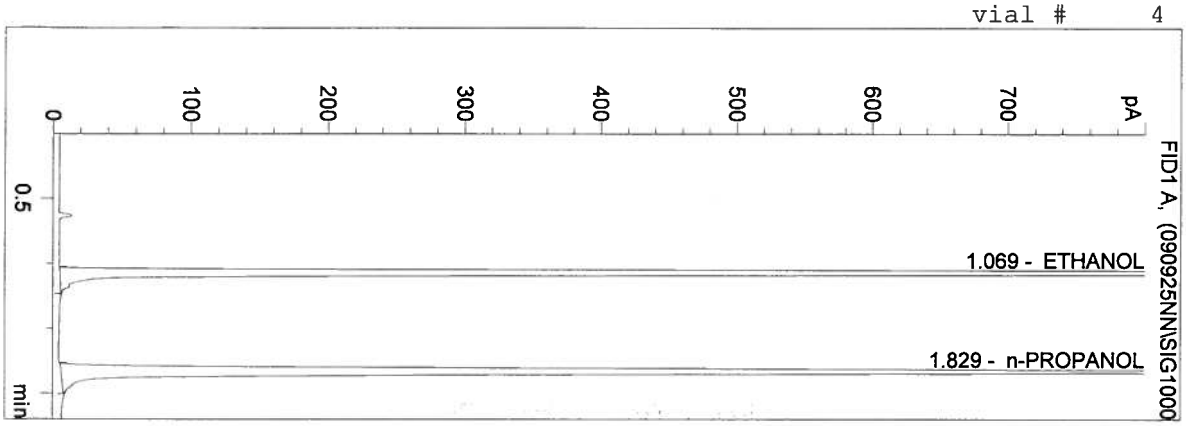
9/25/2009 8:43:59 AM
Instrument 3
db-alc2

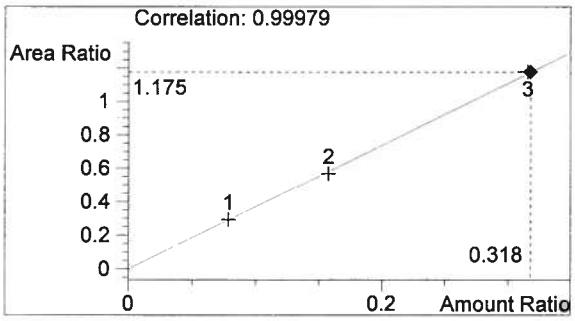
0.316 CAL-3
Naziha Nuwayhid, PhD

vial # 4

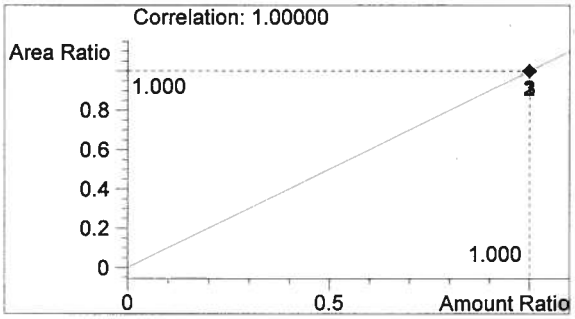


#	Compound	Area	RT
1	ETHANOL	3110	1.069
2	n-PROPANOL	2648	1.829

Totals:



ETHANOL 0.318 g/100ml



n-PROPANOL 1.000 g/100ml

09046

NN
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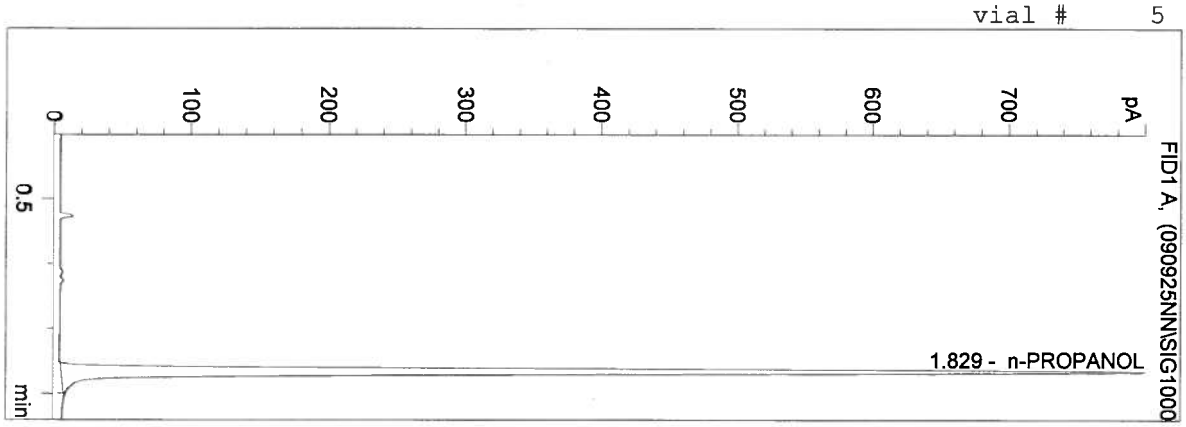
9/25/2009 8:47:07 AM
Instrument 3
db-alc2

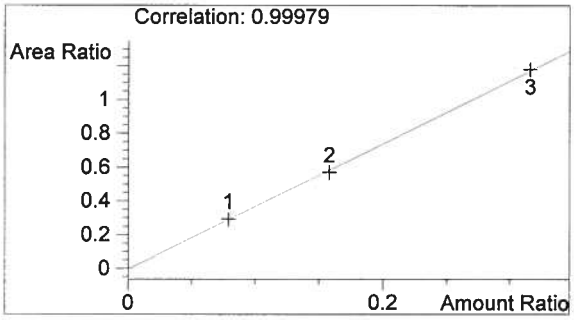
Neg Control NN
Naziha Nuwayhid, PhD

vial # 5

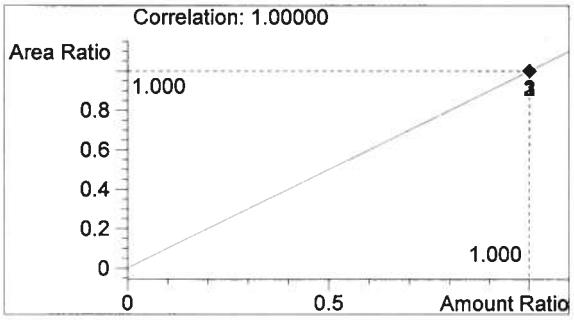


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2297	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09046

NN
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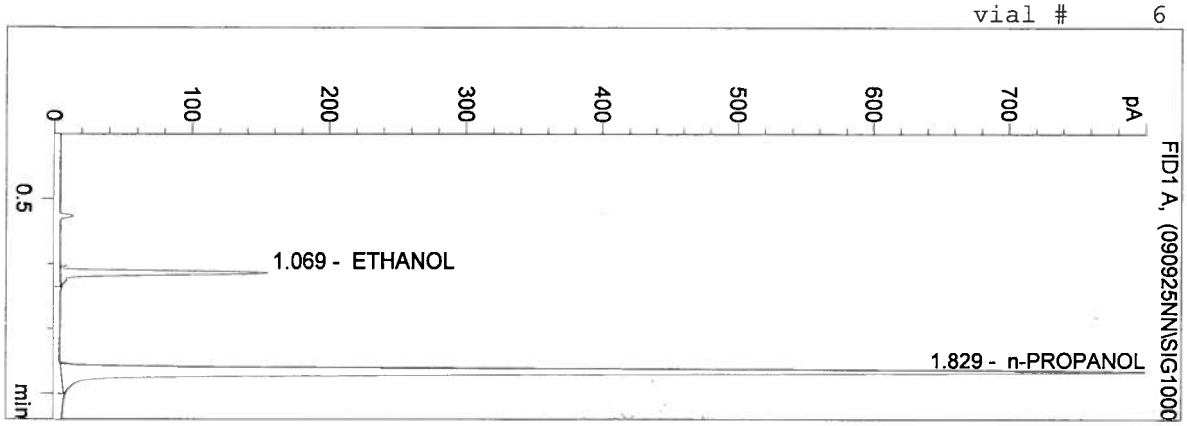
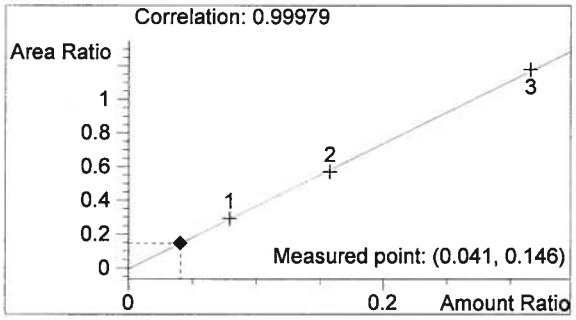
9/25/2009 8:50:14 AM
Instrument 3
db-alc2

0.04 Control NN
Naziha Nuwayhid, PhD

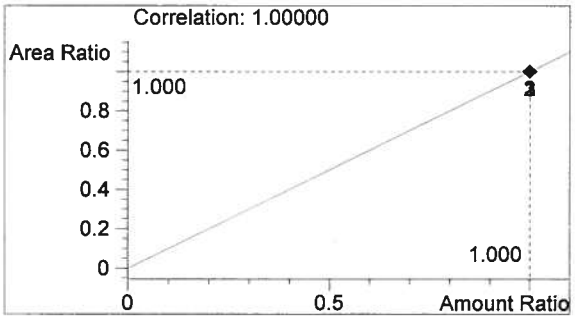
vial # 6



#	Compound	Area	RT
1	ETHANOL	337	1.069
2	n-PROPANOL	2316	1.829
Totals:			



ETHANOL 0.041 g/100ml



n-PROPANOL 1.000 g/100ml

09046

NN
9/25/09

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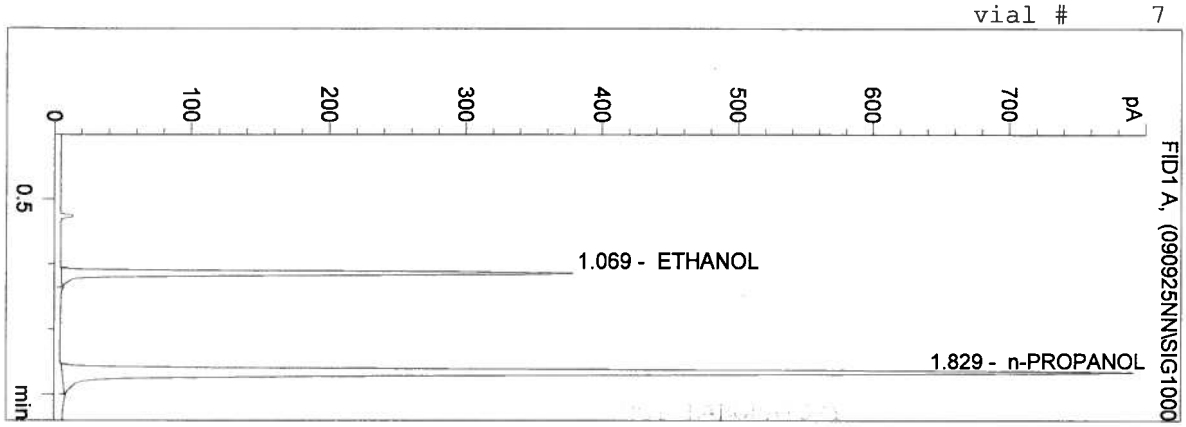
9/25/2009 8:53:22 AM
Instrument 3
db-alc2

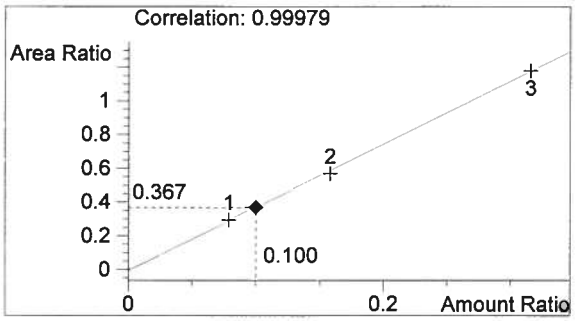
0.10 Control NN
Naziha Nuwayhid, PhD

vial # 7

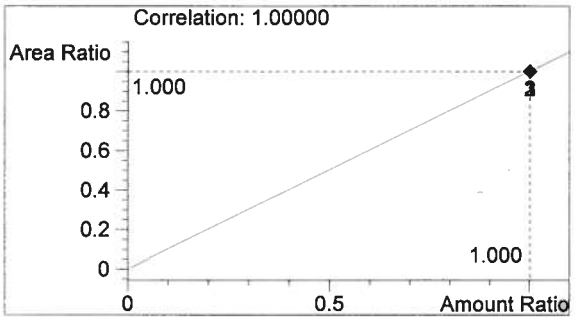


#	Compound	Area	RT
1	ETHANOL	830	1.069
2	n-PROPANOL	2263	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

09046

NN
9/25/09

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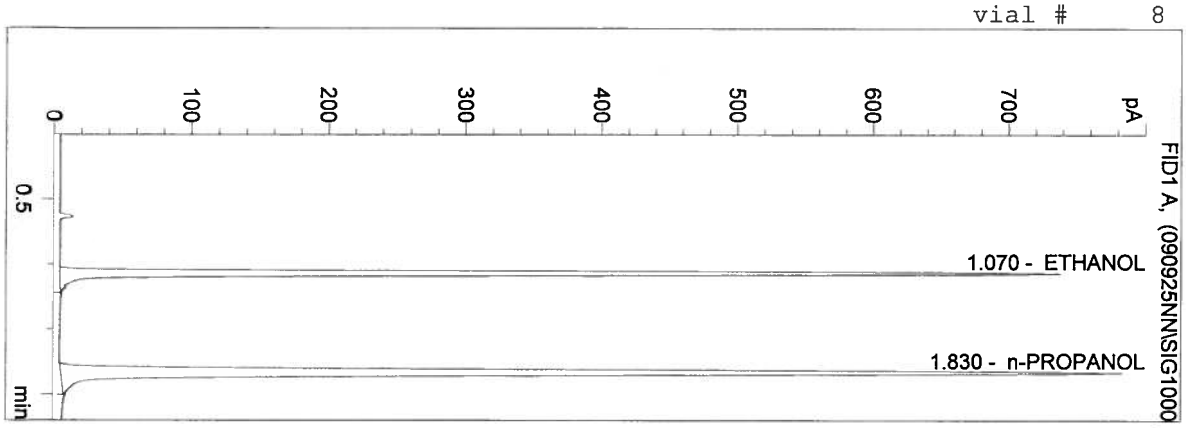
9/25/2009 8:56:30 AM
Instrument 3
db-alc2

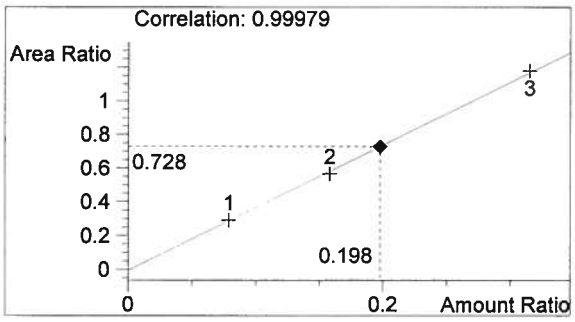
0.20 Control NN
Naziha Nuwayhid, PhD

vial # 8

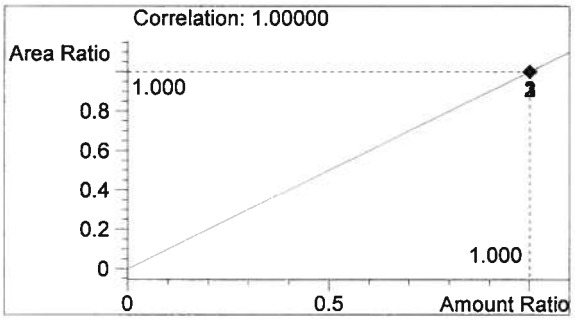


#	Compound	Area	RT
1	ETHANOL	1636	1.070
2	n-PROPANOL	2246	1.830

Totals:



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

09046

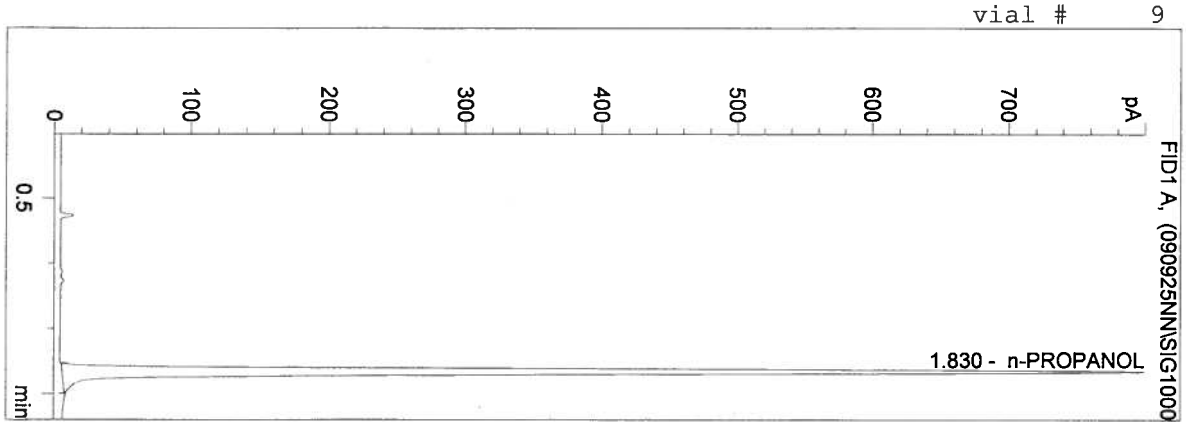
NN
9/25/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/25/2009 8:59:38 AM
Instrument 3
db-alc2

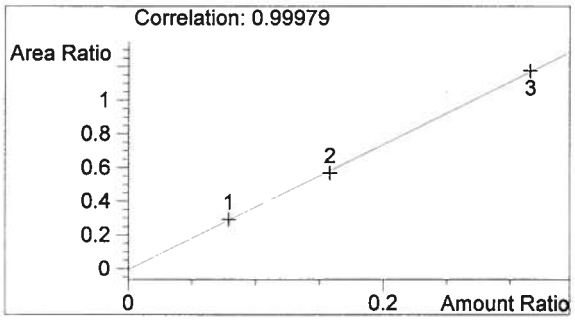
Neg Control NN
Naziha Nuwayhid, PhD

vial # 9

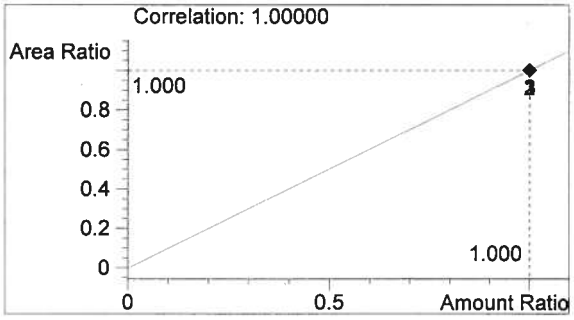


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2295	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09046

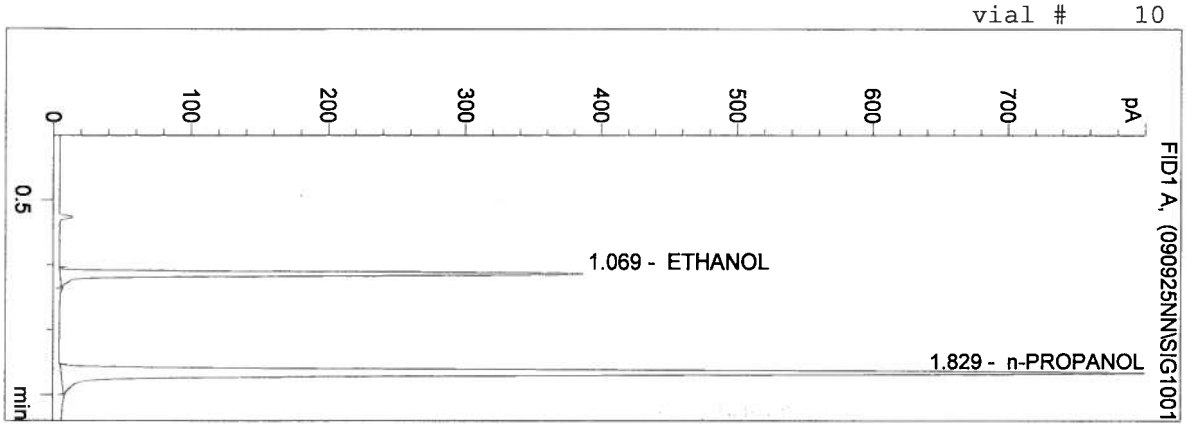
NN
9/25/09

WASHINGTON STATE TOXICOLOGY LABORATORY

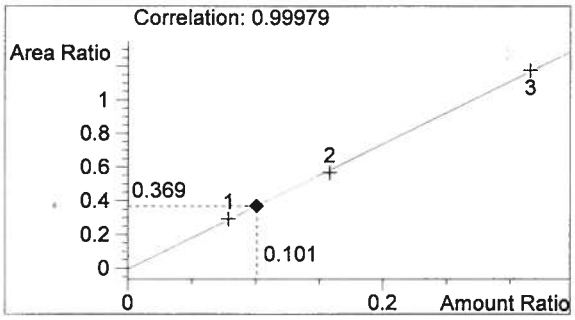
C:\HPCHEM\2\METHODS\SIMALC.M
9/25/2009 9:02:46 AM
Instrument 3
db-alc2

ESS 09046-1
Naziha Nuwayhid, PhD

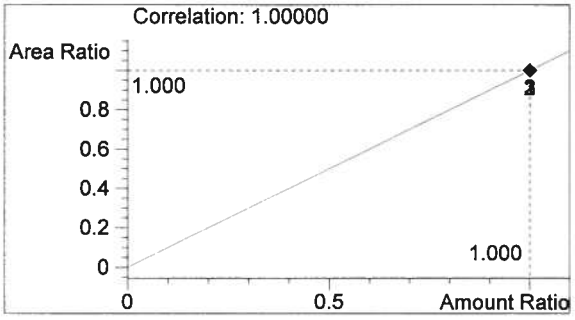
vial # 10



#	Compound	Area	RT
1	ETHANOL	852	1.069
2	n-PROPANOL	2306	1.829
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

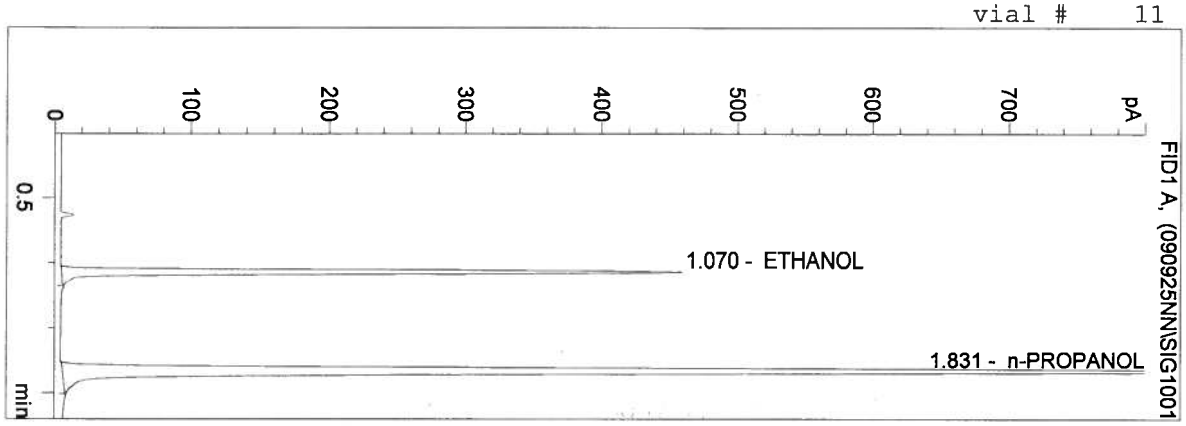
NN
9/25/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/25/2009 9:05:54 AM
Instrument 3
db-alc2

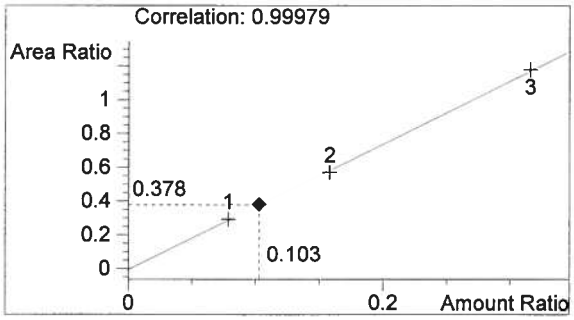
ESS 09046-2
Naziha Nuwayhid, PhD

vial # 11

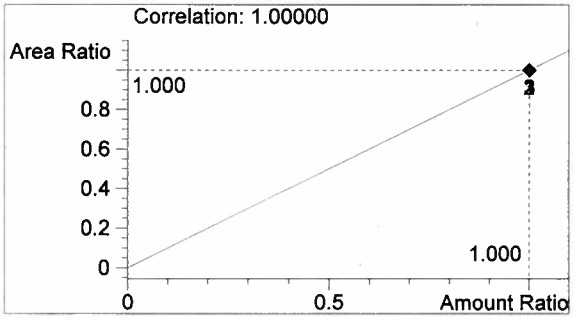


#	Compound	Area	RT
1	ETHANOL	1008	1.070
2	n-PROPANOL	2668	1.831

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

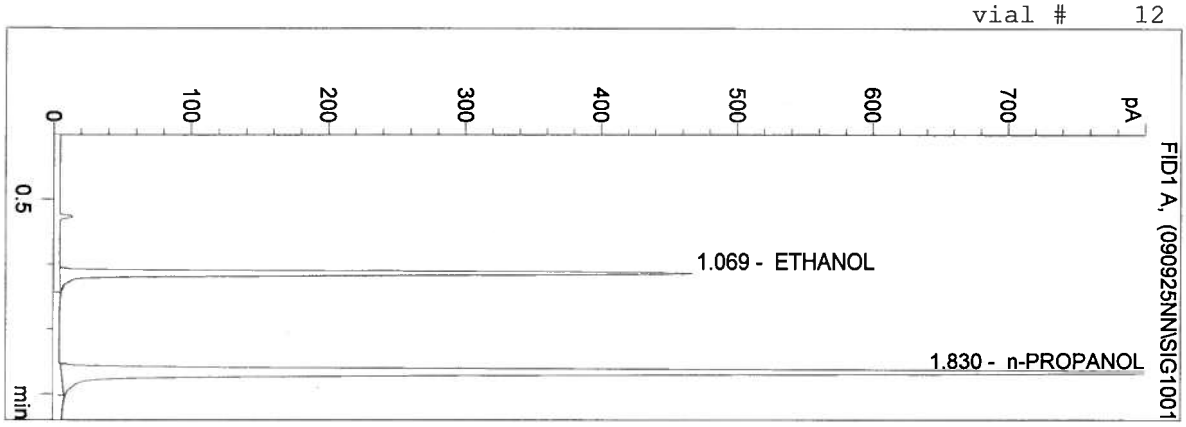
NW
9/25/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/25/2009 9:09:02 AM
Instrument 3
db-alc2

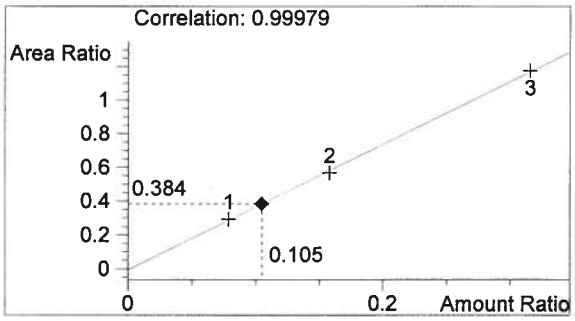
ESS 09046-3
Naziha Nuwayhid, PhD

vial # 12

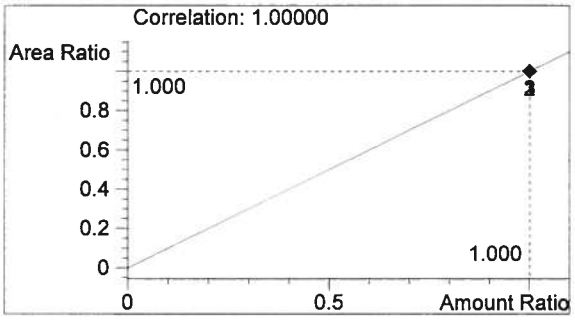


#	Compound	Area	RT
1	ETHANOL	1038	1.069
2	n-PROPANOL	2705	1.830

Totals:



ETHANOL 0.105 g/100ml



n-PROPANOL 1.000 g/100ml

NN
9/25/09

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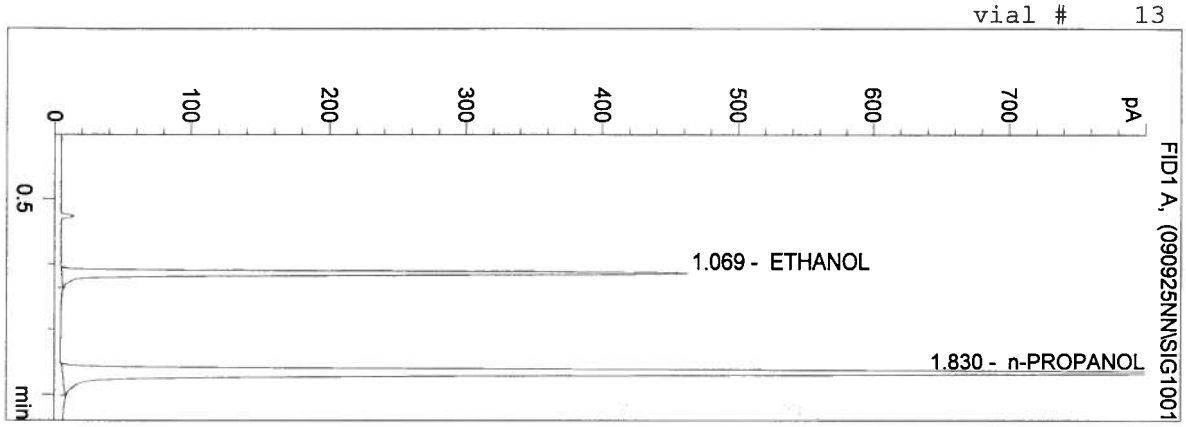
9/25/2009 9:12:09 AM
Instrument 3
db-alc2

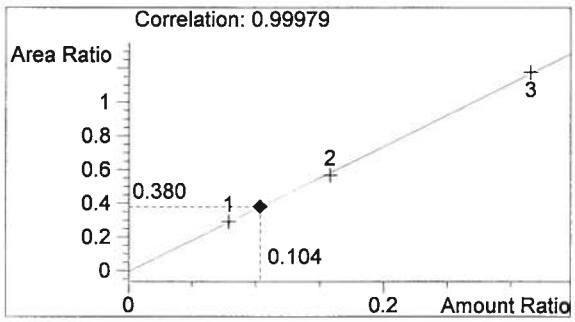
ESS 09046-4
Naziha Nuwayhid, PhD

vial # 13

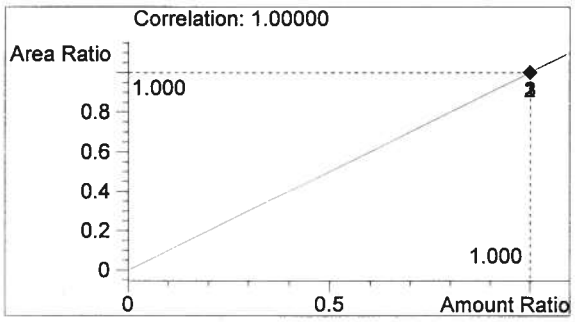


#	Compound	Area	RT
1	ETHANOL	1022	1.069
2	n-PROPANOL	2687	1.830

Totals:



ETHANOL 0.104 g/100ml



n-PROPANOL 1.000 g/100ml

NN
9/25/09

WASHINGTON STATE TOXICOLOGY LABORATORY

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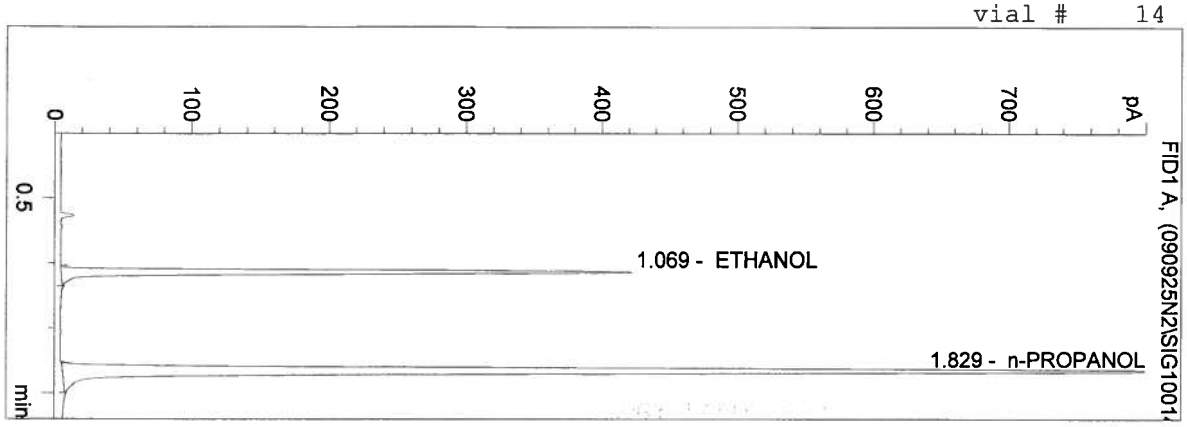
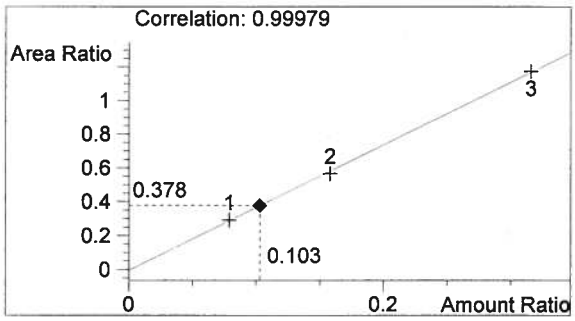
9/25/2009 10:25:54 AM
Instrument 3
db-alc2

ESS 09046-5
Naziha Nuwayhid, PhD

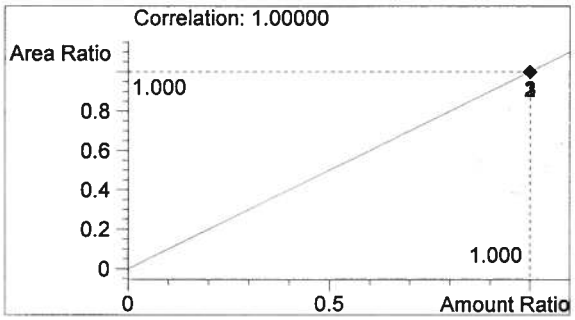
vial # 14



#	Compound	Area	RT
1	ETHANOL	923	1.069
2	n-PROPANOL	2444	1.829
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

NN
9/25/09

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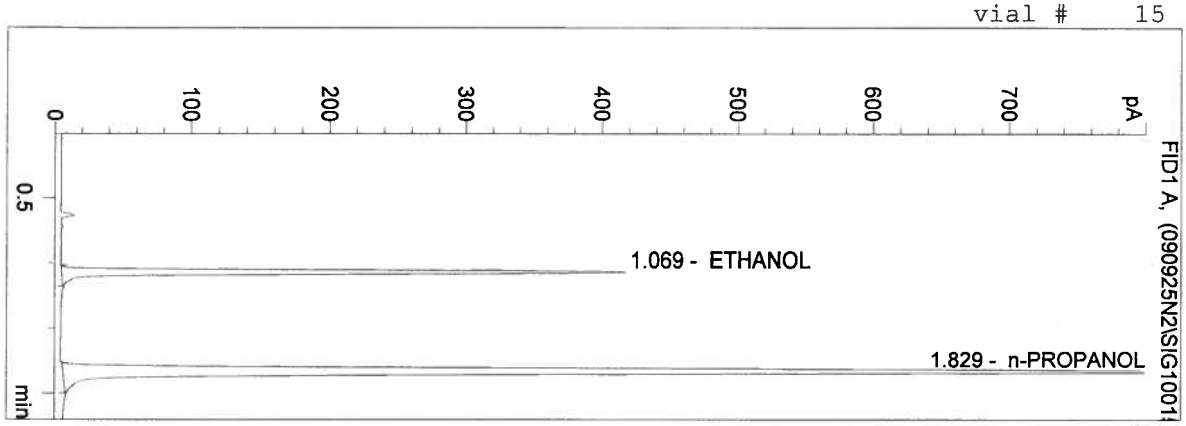
9/25/2009 10:29:02 AM
Instrument 3
db-alc2

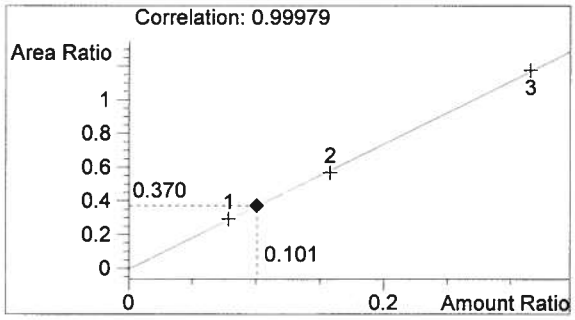
0.10 Control NN
Naziha Nuwayhid, PhD

vial # 15

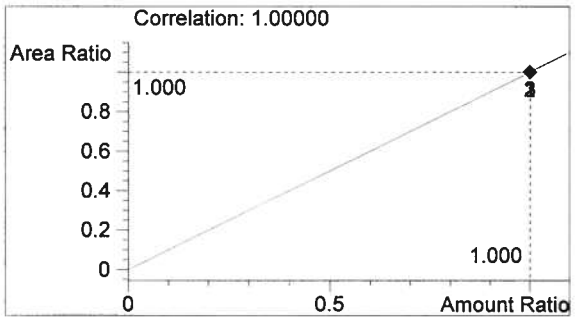


#	Compound	Area	RT
1	ETHANOL	914	1.069
2	n-PROPANOL	2469	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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NN 9/25/09

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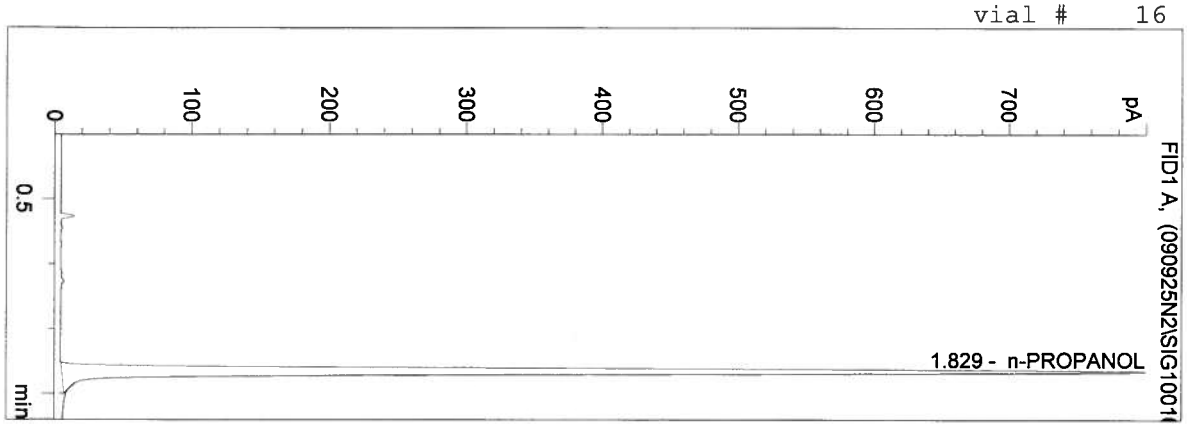
9/25/2009 10:32:09 AM
Instrument 3
db-alc2

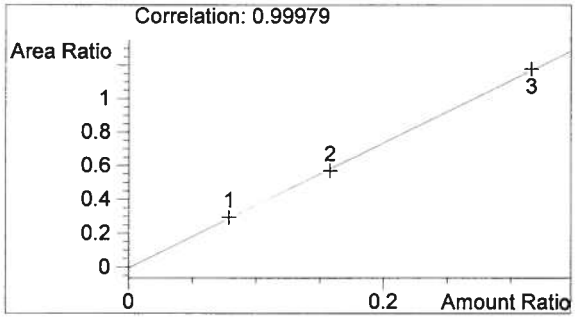
Neg Control NN
Naziha Nuwayhid, PhD

vial # 16

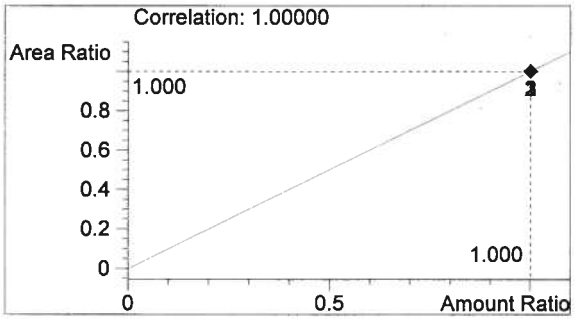


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2348	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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NN 9/25/09

Sequence Parameters:

Operator:	Sarah Swenson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090930SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-SS	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-SS	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC	1	Ctrl Samp		
10	Vial 10	09046 #1	SIMALC	1	Sample		
11	Vial 11	09046 #2	SIMALC	1	Sample		
12	Vial 12	09046 #3	SIMALC	1	Sample		
13	Vial 13	09046 #4	SIMALC	1	Sample		
14	Vial 14	09046 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-SS	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-SS	SIMALC	1	Ctrl Samp		

Calibration Part:

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

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Sequence Table (Back Injector):

No entries - empty table!

09046

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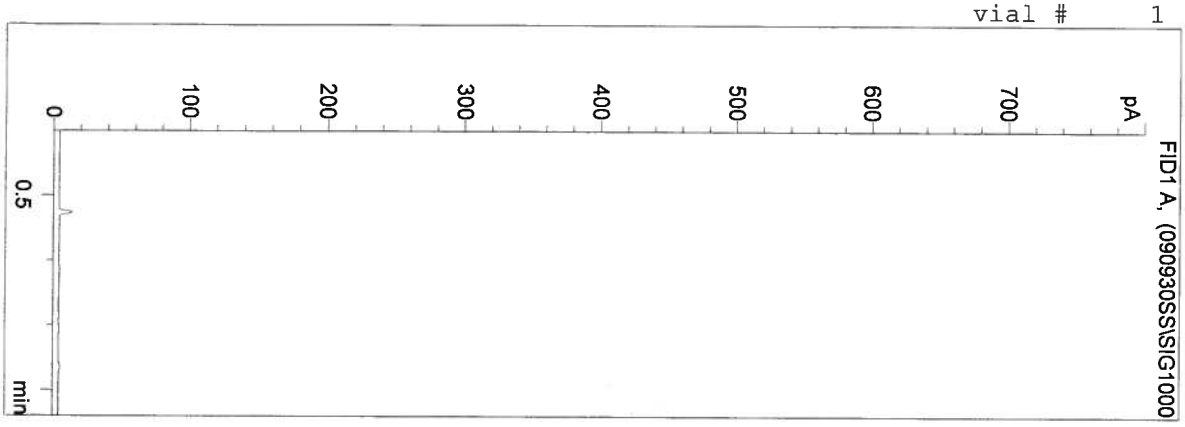
C:\HPCHEM\2\METHODS\SIMALC.M
9/30/2009 9:53:50 AM
Instrument 3
db-alc2

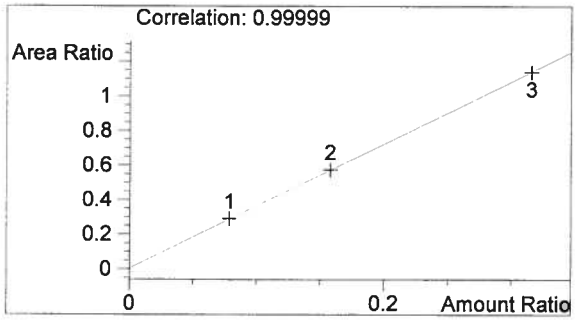
BLANK-SS
Sarah Swenson

vial # 1

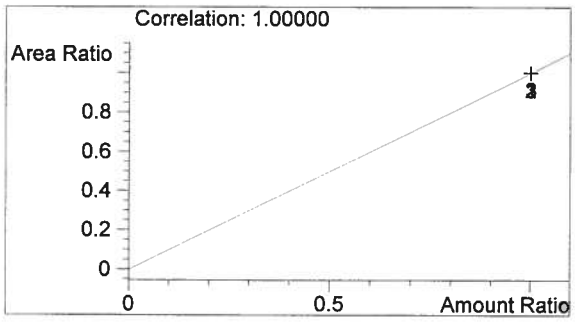


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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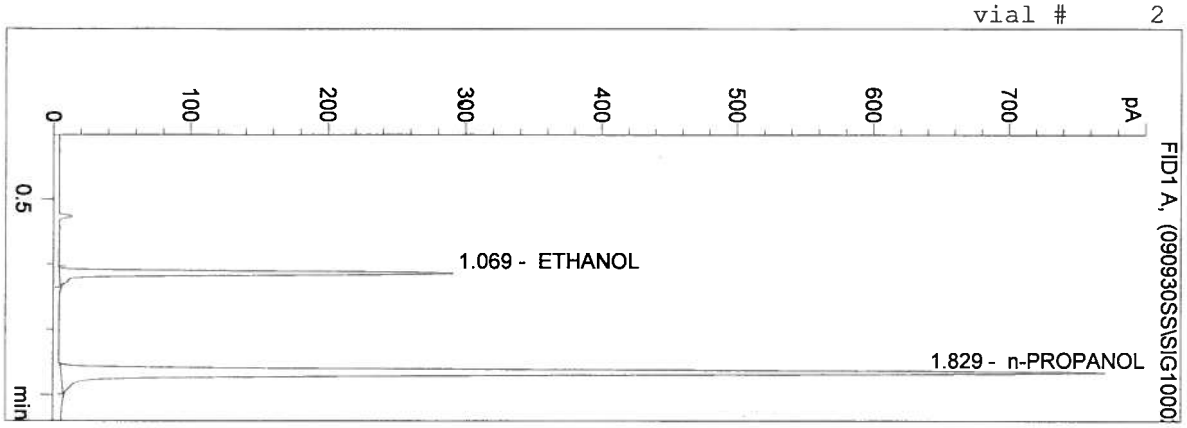
C:\HPCHEM\2\METHODS\SIMALC.M
9/30/2009 9:56:58 AM
Instrument 3
db-alc2

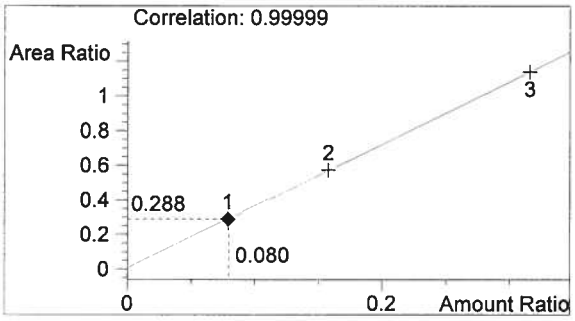
0.079 CAL 1
Sarah Swenson

vial # 2

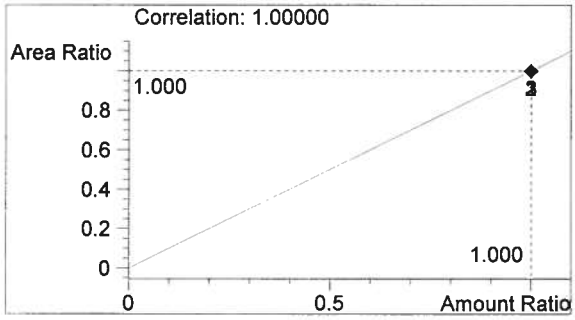


#	Compound	Area	RT
1	ETHANOL	632	1.069
2	n-PROPANOL	2190	1.829

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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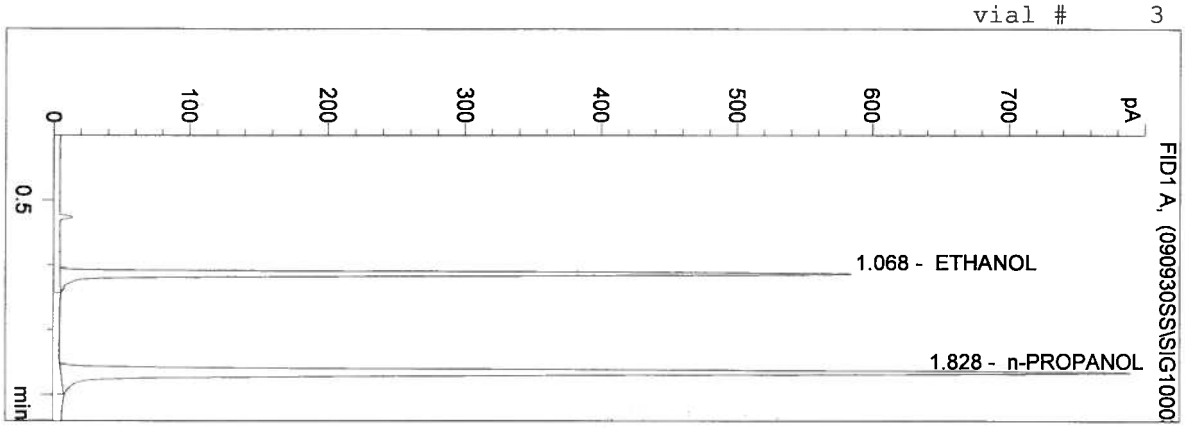
Instrument 3
db-alc2

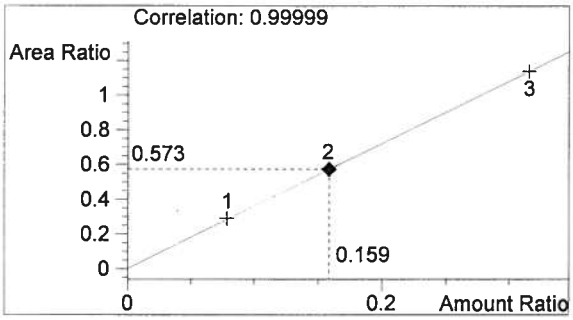
0.158 CAL 2
Sarah Swenson

vial # 3

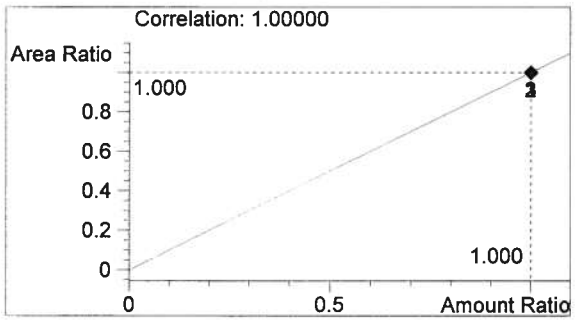


#	Compound	Area	RT
1	ETHANOL	1298	1.068
2	n-PROPANOL	2267	1.828

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

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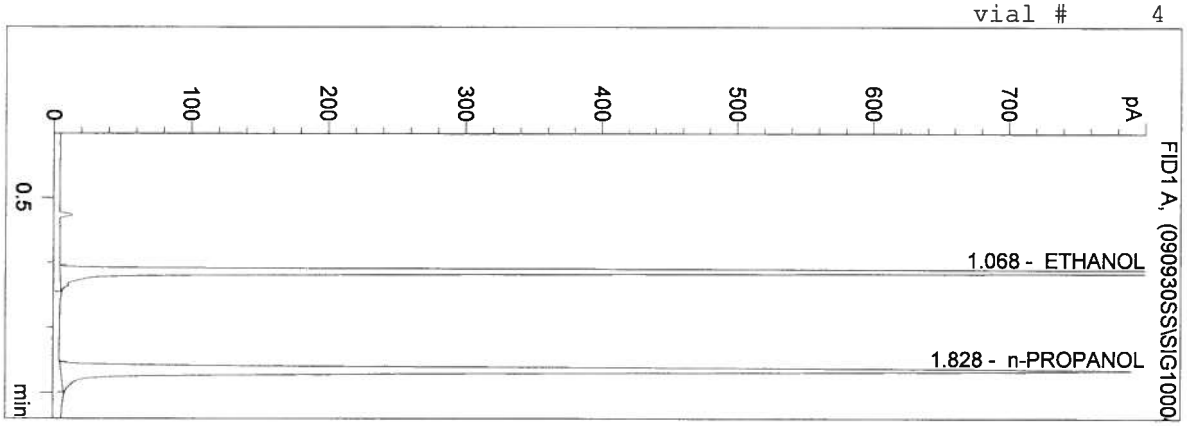
9/30/2009 10:03:13 AM
Instrument 3
db-alc2

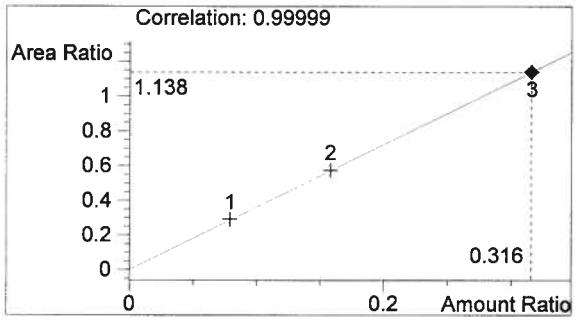
0.316 CAL 3
Sarah Swenson

vial # 4

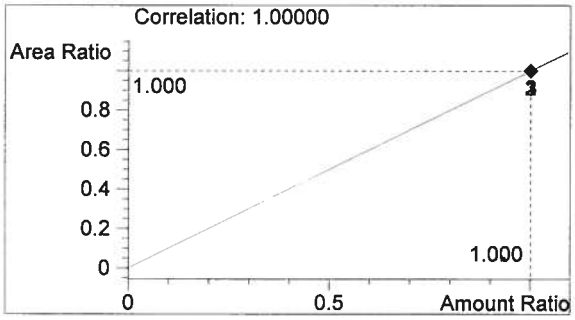


#	Compound	Area	RT
1	ETHANOL	2573	1.068
2	n-PROPANOL	2262	1.828

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

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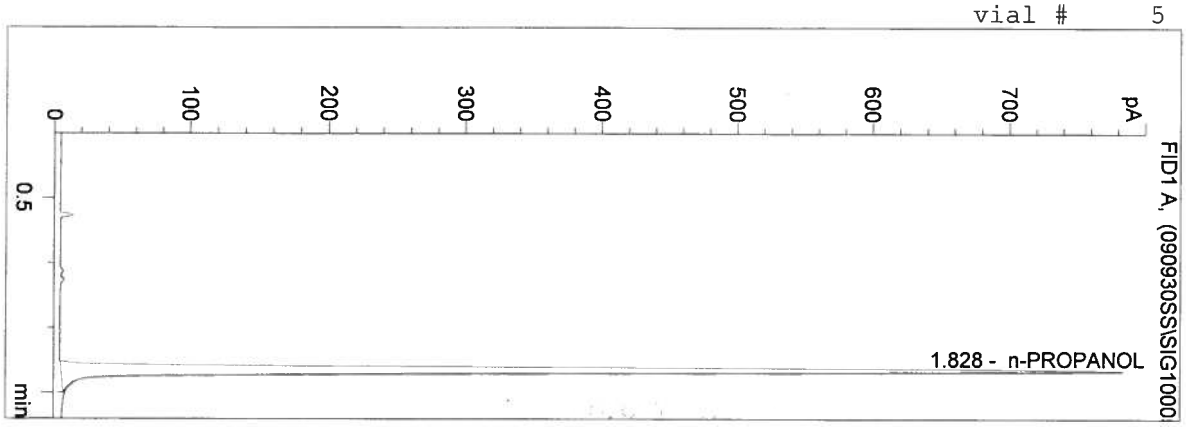
9/30/2009 10:06:21 AM
Instrument 3
db-alc2

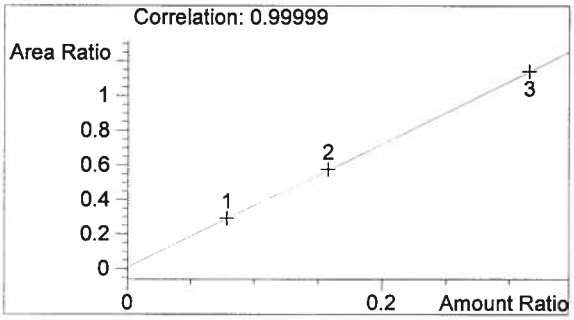
NEG CTRL-SS
Sarah Swenson

vial # 5

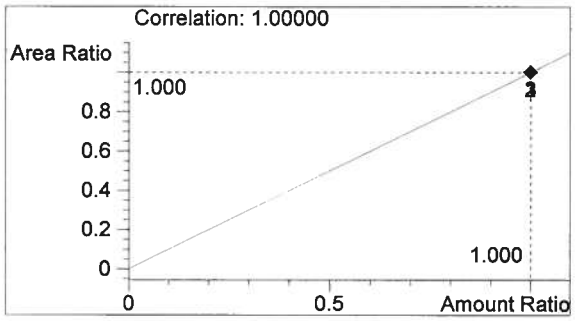


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2240	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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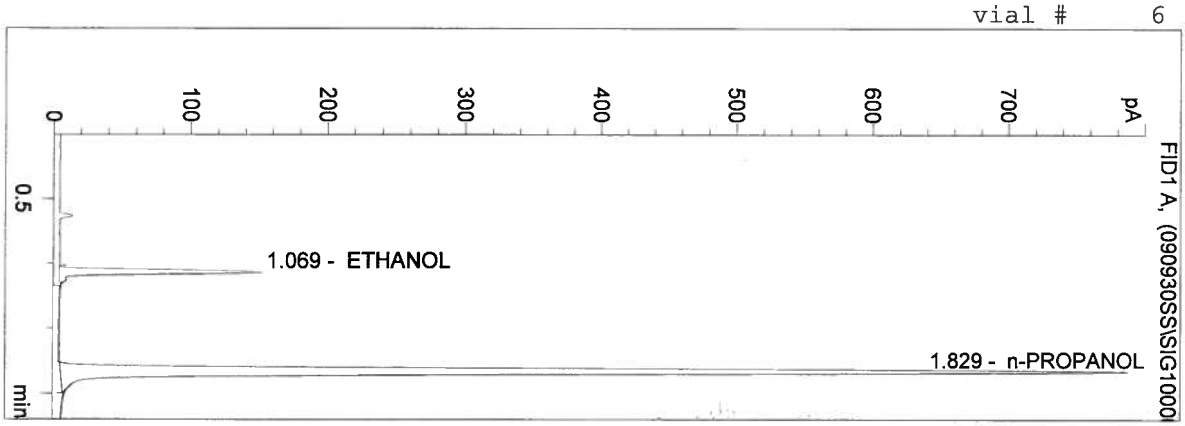
9/30/2009 10:09:29 AM
Instrument 3
db-alc2

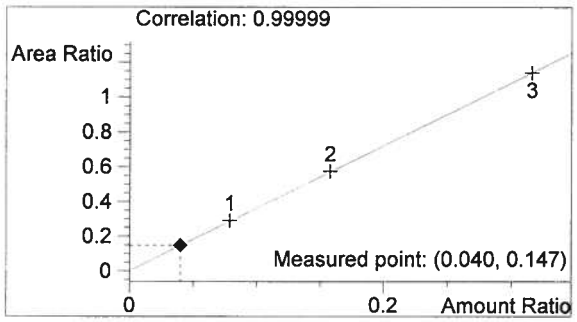
0.04 CTRL-SS
Sarah Swenson

vial # 6

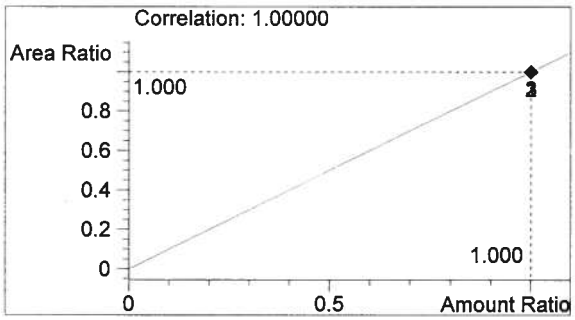


#	Compound	Area	RT
1	ETHANOL	330	1.069
2	n-PROPANOL	2243	1.829

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

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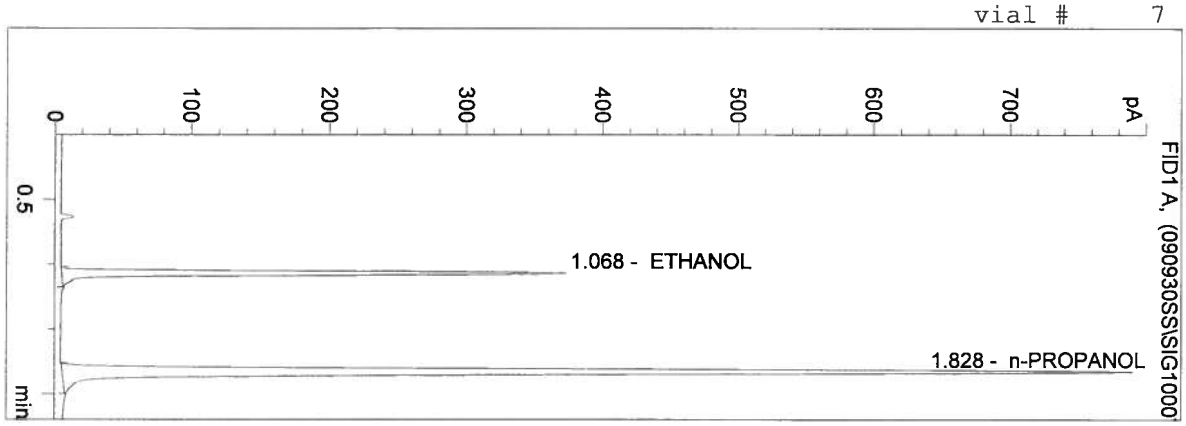
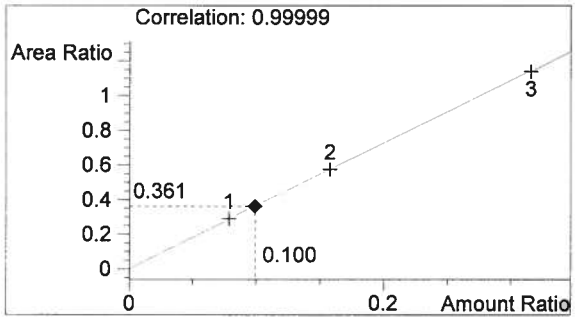
9/30/2009 10:12:37 AM
Instrument 3
db-alc2

0.10 CTRL-SS
Sarah Swenson

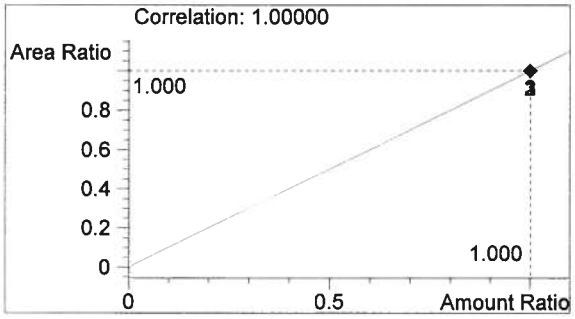
vial # 7



#	Compound	Area	RT
1	ETHANOL	816	1.068
2	n-PROPANOL	2261	1.828
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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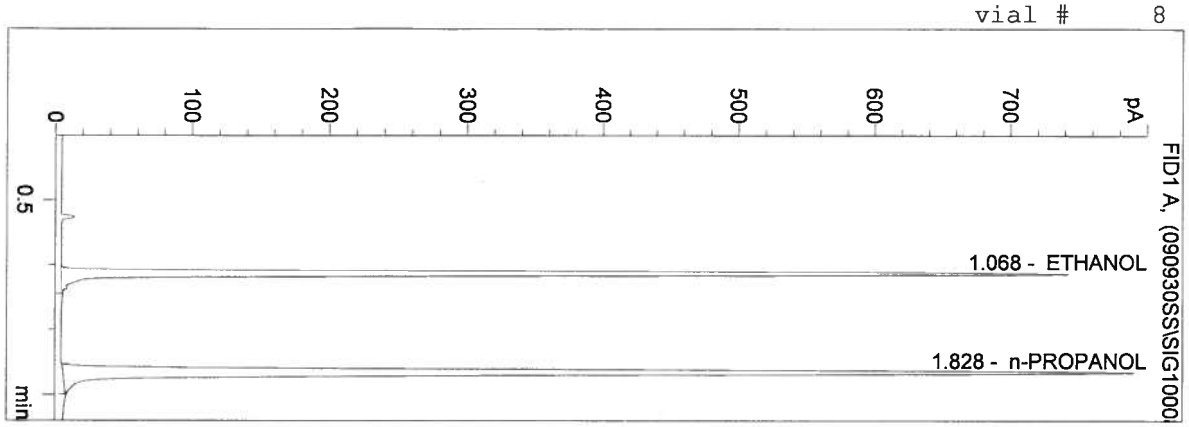
9/30/2009 10:15:45 AM
Instrument 3
db-alc2

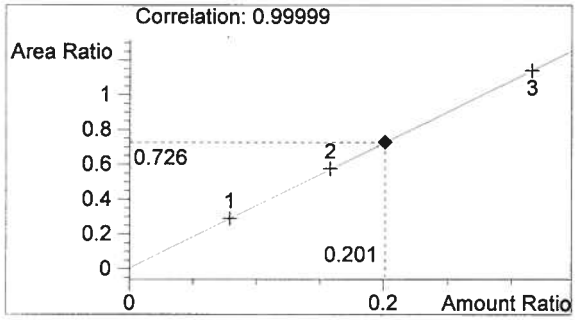
0.20 CTRL-SS
Sarah Swenson

vial # 8

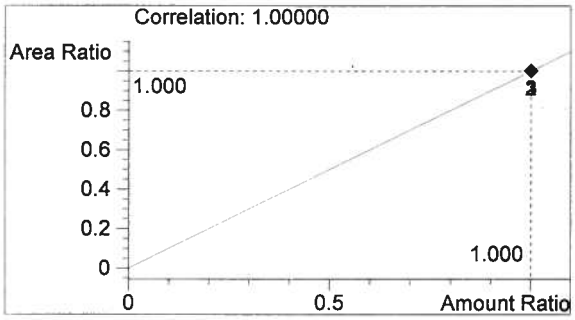


#	Compound	Area	RT
1	ETHANOL	1643	1.068
2	n-PROPANOL	2263	1.828

Totals:



ETHANOL 0.201 g/100ml



n-PROPANOL 1.000 g/100ml

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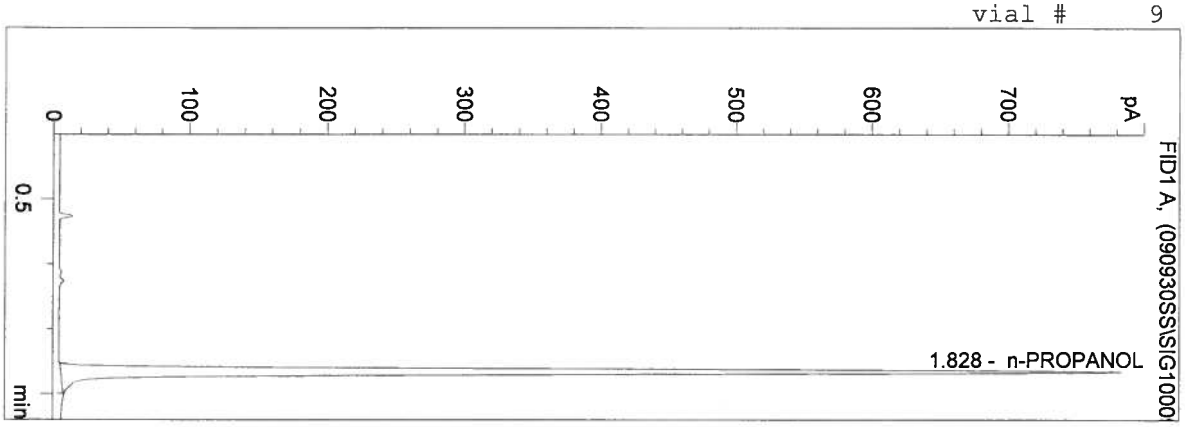
9/30/2009 10:18:53 AM
Instrument 3
db-alc2

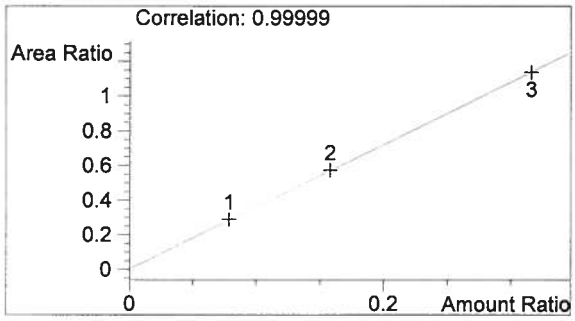
NEG CTRL-SS
Sarah Swenson

vial # 9

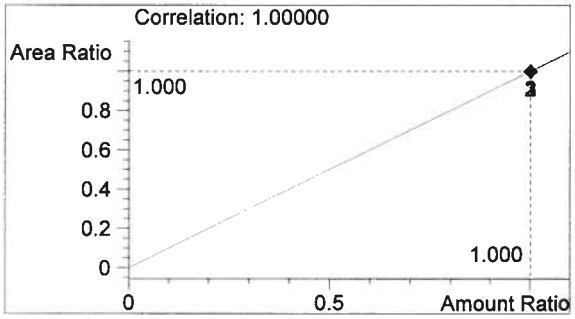


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2246	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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0904-

WASHINGTON STATE TOXICOLOGY LABORATORY

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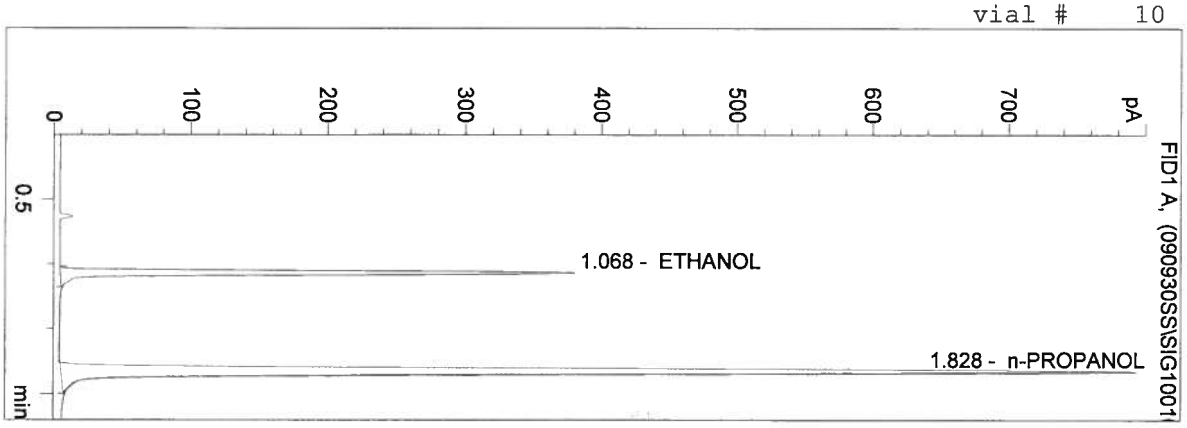
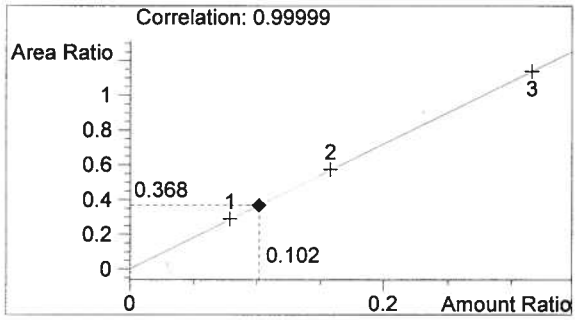
9/30/2009 10:22:01 AM
Instrument 3
db-alc2

09046 #1
Sarah Swenson

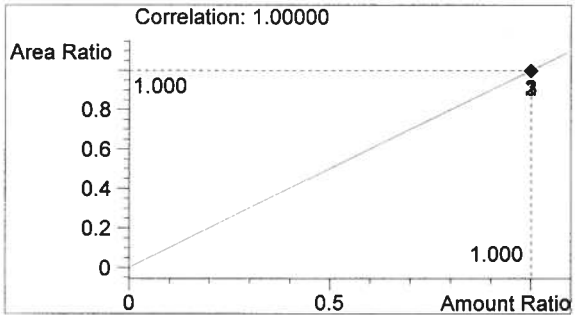
vial # 10



#	Compound	Area	RT
1	ETHANOL	836	1.068
2	n-PROPANOL	2269	1.828
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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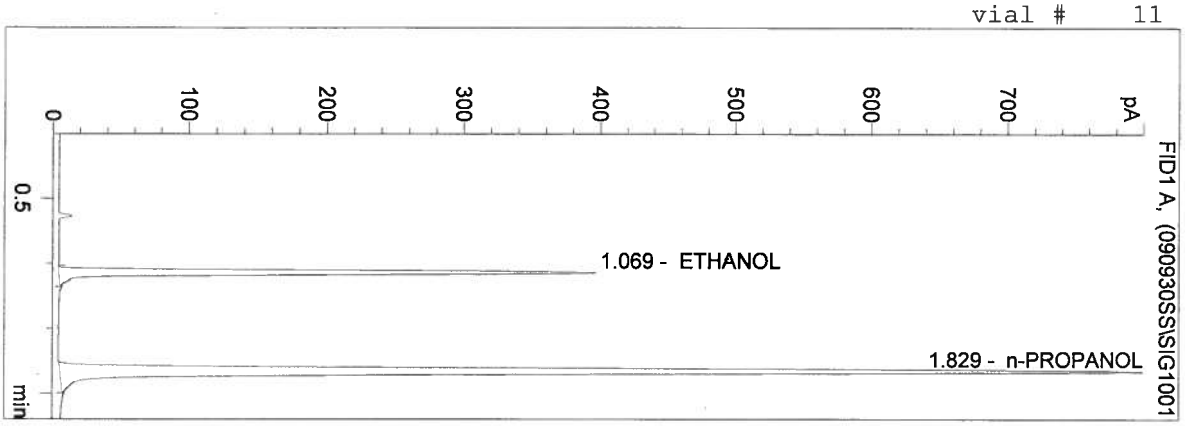
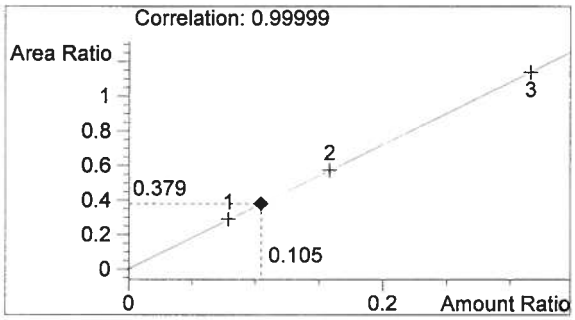
Instrument 3
db-alc2

09046 #2
Sarah Swenson

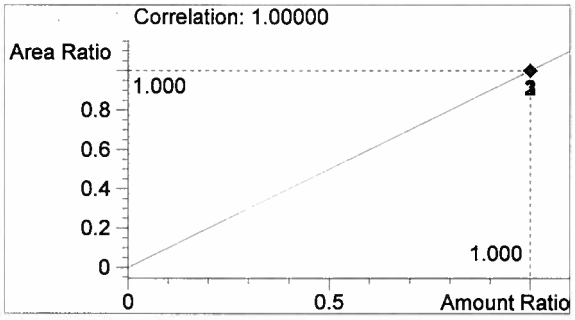
vial # 11



#	Compound	Area	RT
1	ETHANOL	872	1.069
2	n-PROPANOL	2301	1.829
Totals:			



ETHANOL 0.105 g/100ml



n-PROPANOL 1.000 g/100ml

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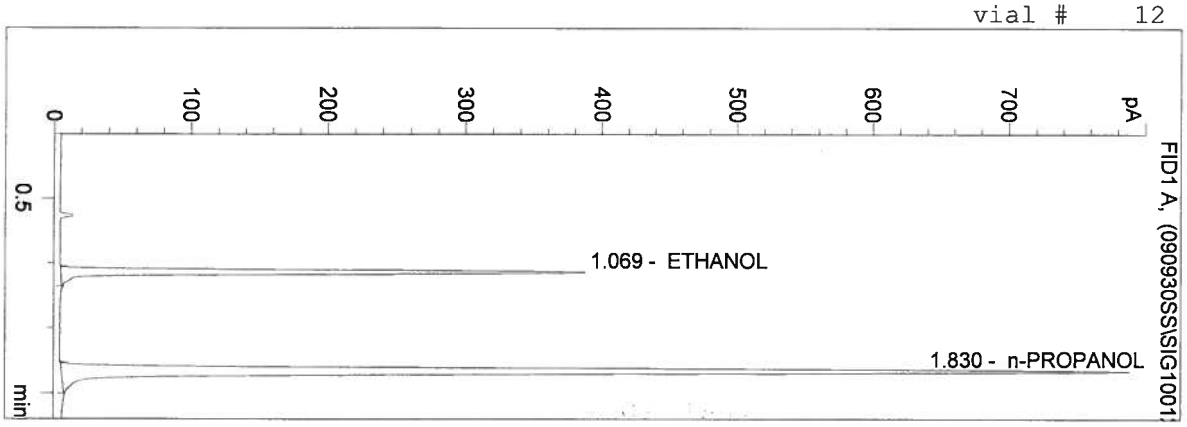
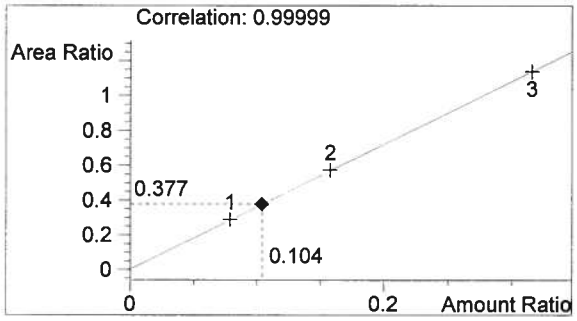
Instrument 3
db-alc2

09046 #3
Sarah Swenson

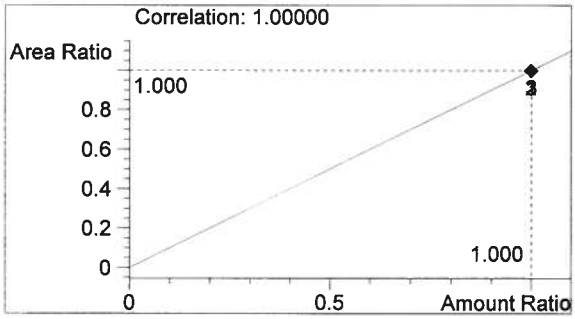
vial # 12



#	Compound	Area	RT
1	ETHANOL	850	1.069
2	n-PROPANOL	2256	1.830
Totals:			



ETHANOL 0.104 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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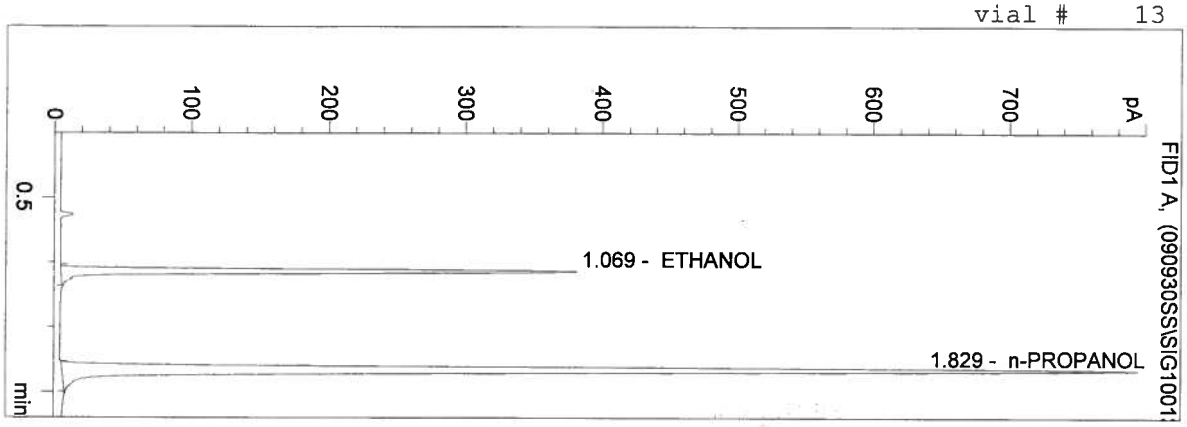
Instrument 3
db-alc2

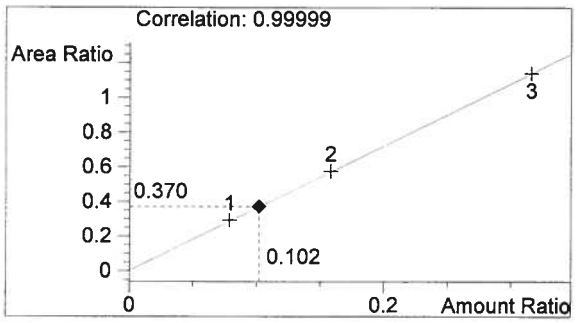
09046 #4
Sarah Swenson

vial # 13

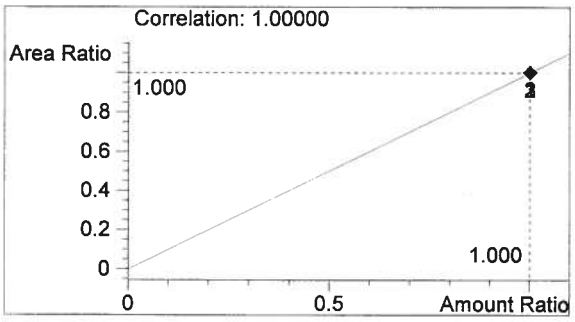


#	Compound	Area	RT
1	ETHANOL	839	1.069
2	n-PROPANOL	2268	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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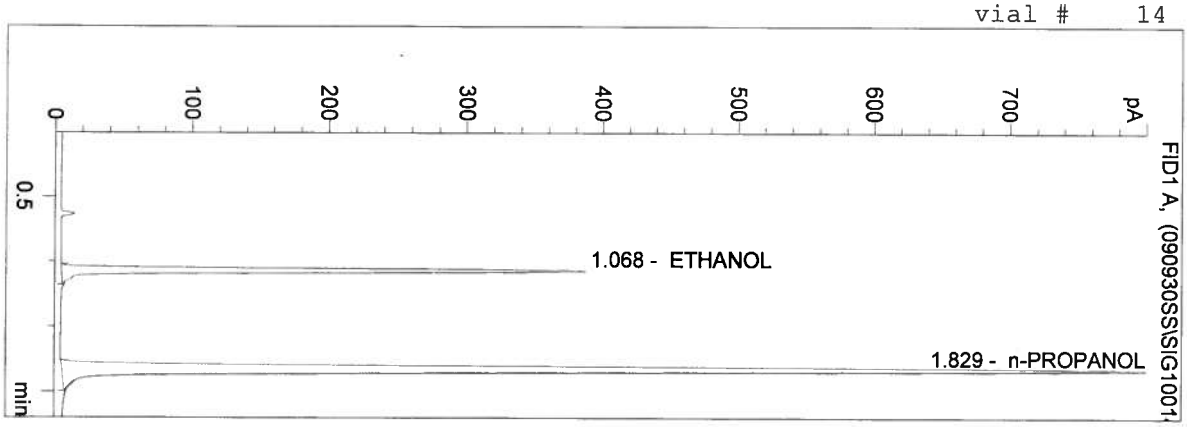
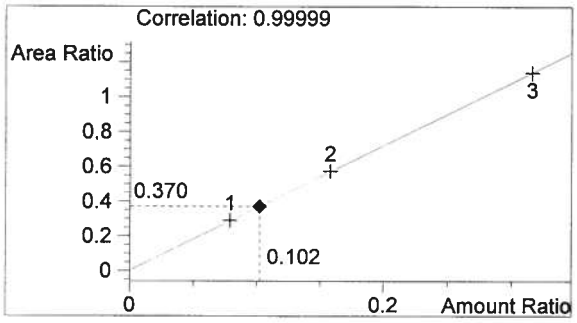
Instrument 3
db-alc2

09046 #5
Sarah Swenson

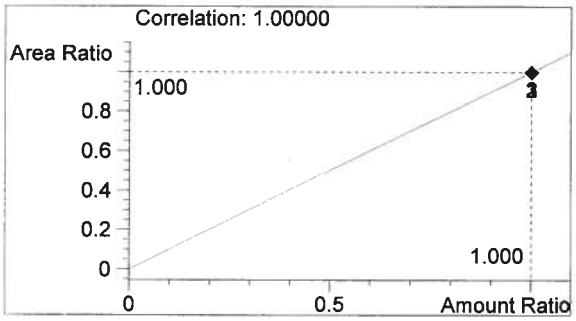
vial # 14



#	Compound	Area	RT
1	ETHANOL	851	1.068
2	n-PROPANOL	2298	1.829
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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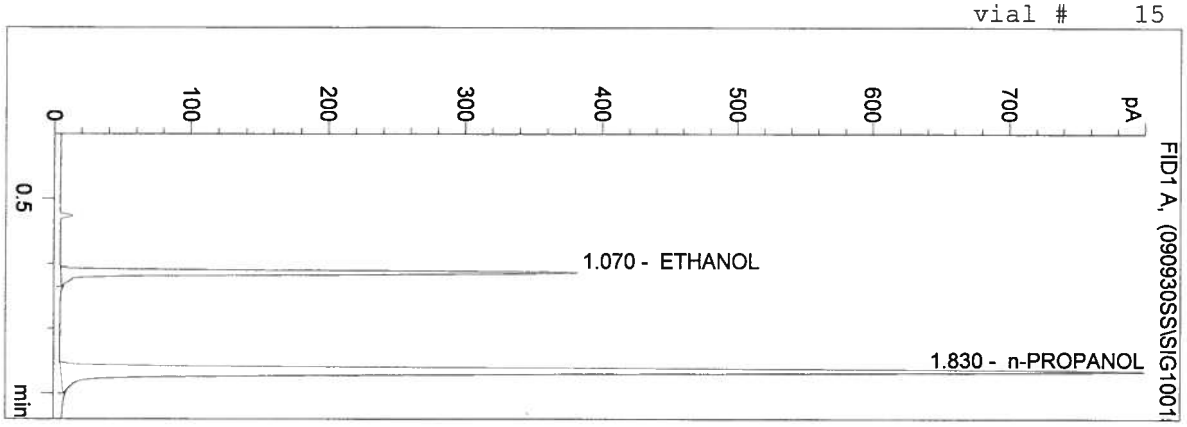
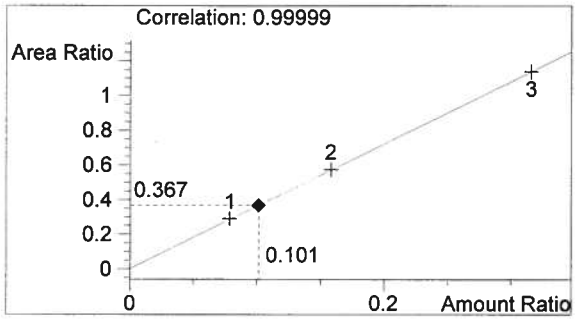
Instrument 3
db-alc2

0.10 CTRL-SS
Sarah Swenson

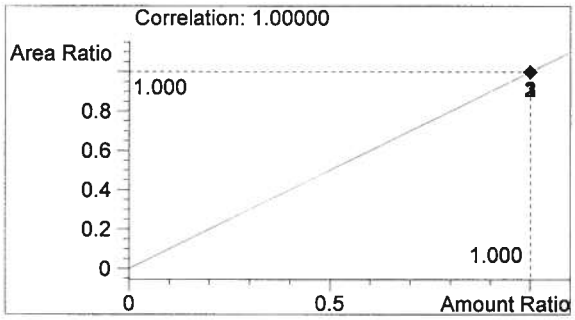
vial # 15



#	Compound	Area	RT
1	ETHANOL	840	1.070
2	n-PROPANOL	2287	1.830
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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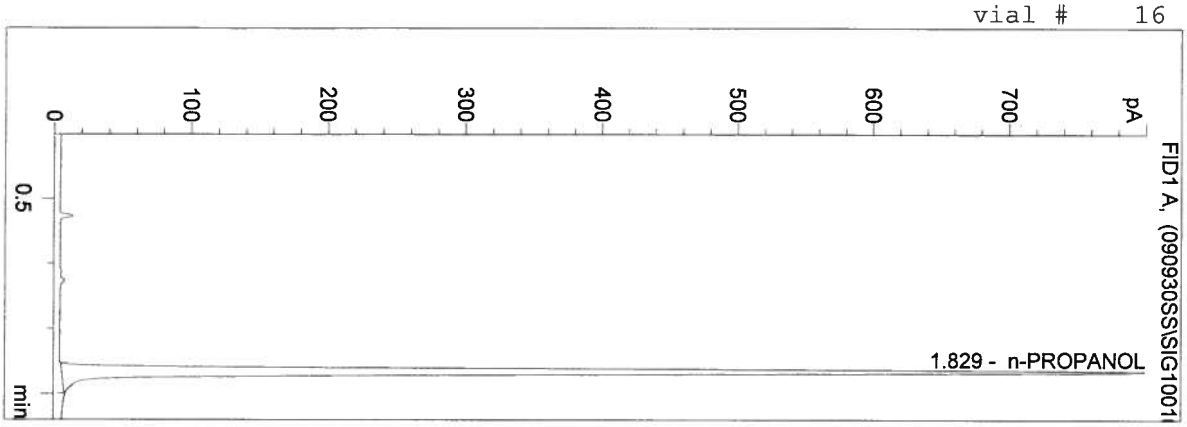
Instrument 3
db-alc2

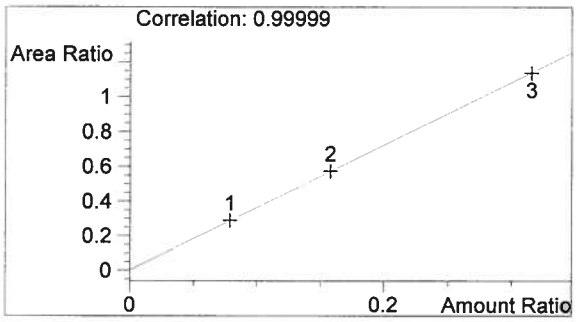
NEG CTRL-SS
Sarah Swenson

vial # 16

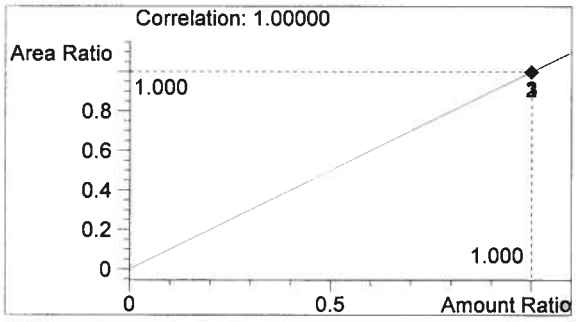


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2335	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

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:	090930JK ✓
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	09046-1	SIMALC	1	Sample		
11	Vial 11	09046-2	SIMALC	1	Sample		
12	Vial 12	09046-3	SIMALC	1	Sample		
13	Vial 13	09046-4	SIMALC	1	Sample		
14	Vial 14	09046-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

09046

0 9 0 4 6

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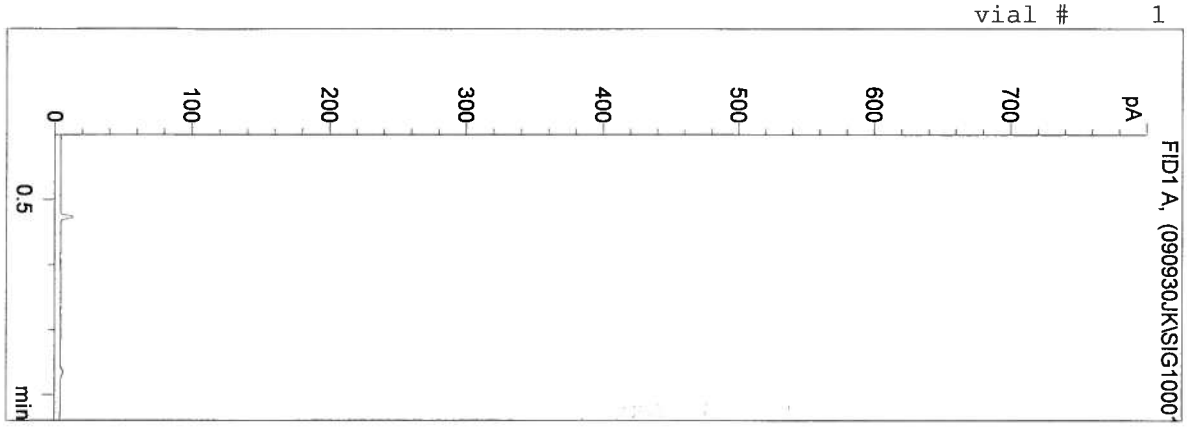
Instrument 3
db-alc2

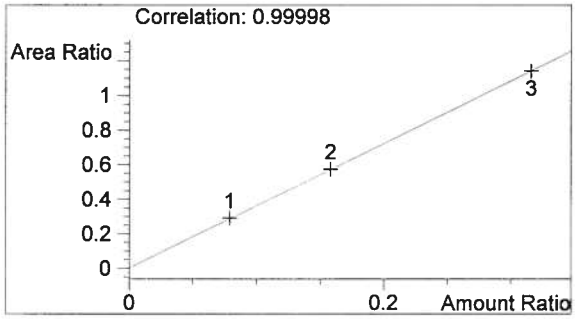
BLANK
Justin Knoy

vial # 1

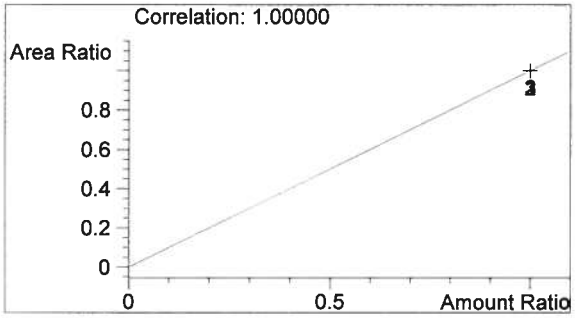


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09046

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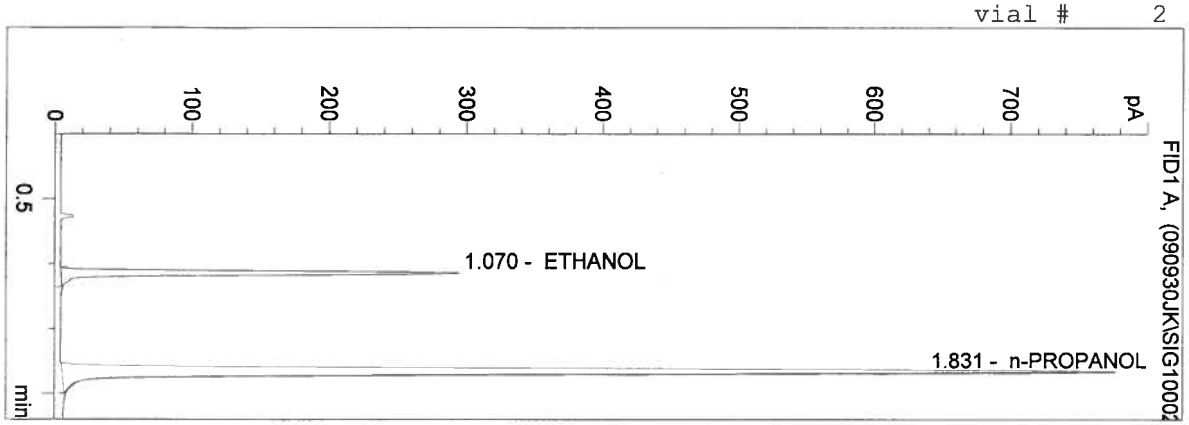
Instrument 3
db-alc2

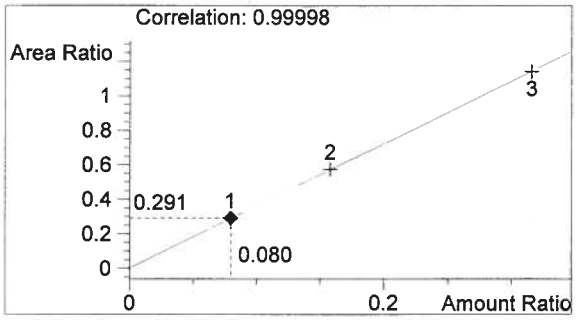
0.079 CAL
Justin Knoy

vial # 2

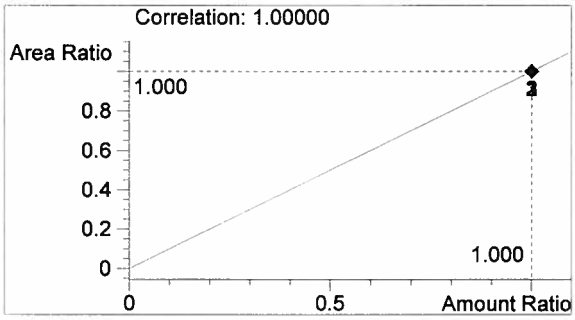


#	Compound	Area	RT
1	ETHANOL	646	1.070
2	n-PROPANOL	2219	1.831

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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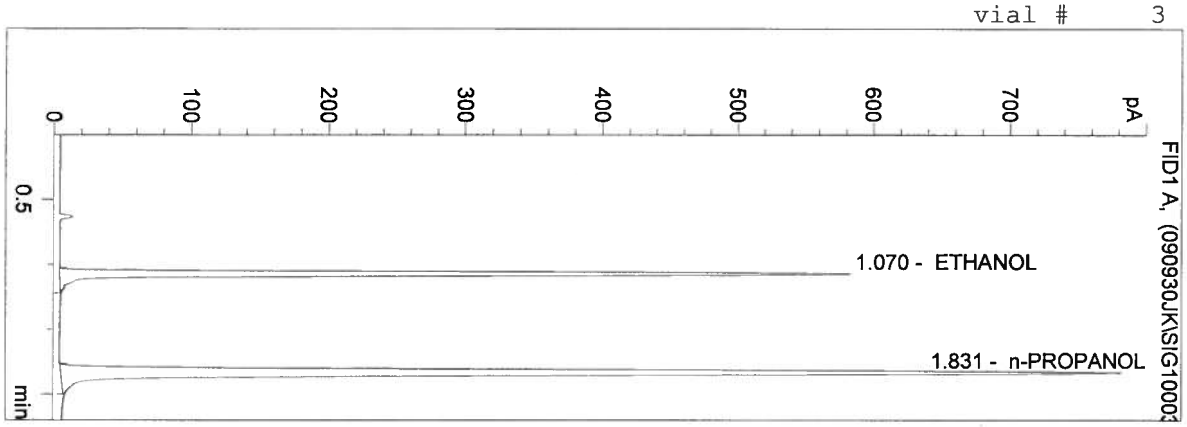
Instrument 3
db-alc2

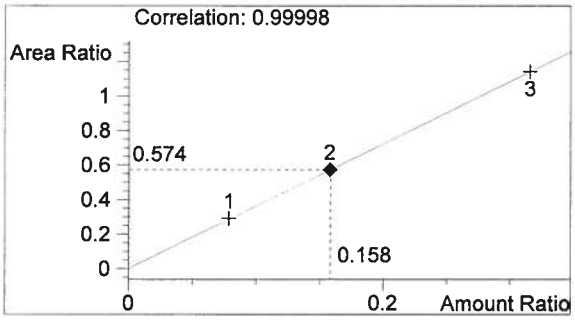
0.158 CAL
Justin Knoy

vial # 3

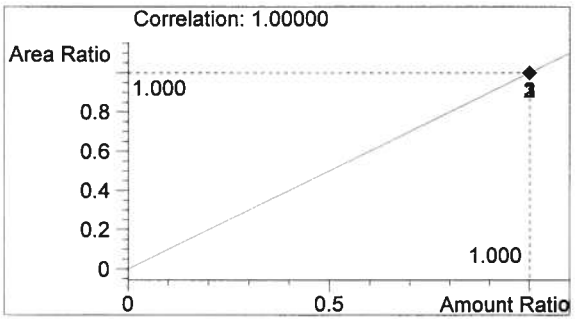


#	Compound	Area	RT
1	ETHANOL	1283	1.070
2	n-PROPANOL	2237	1.831

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

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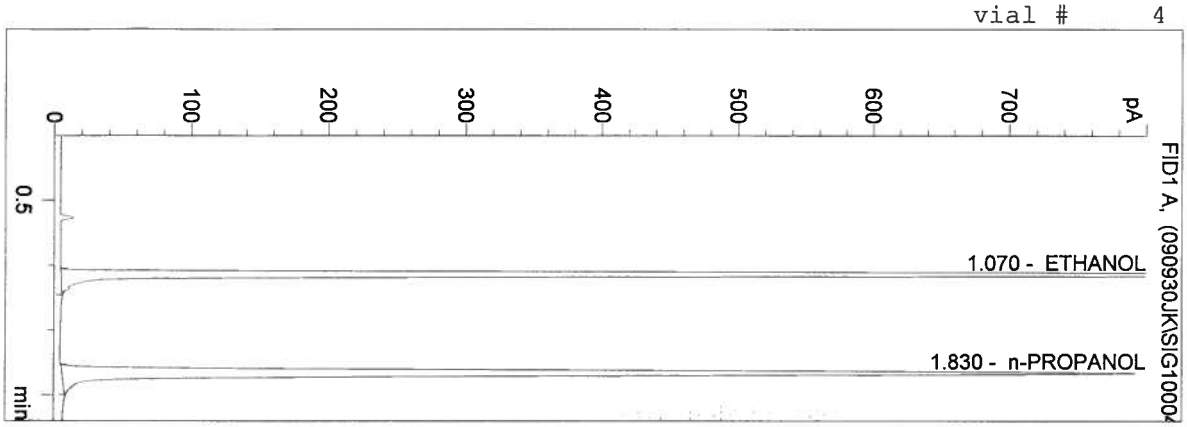
Instrument 3
db-alc2

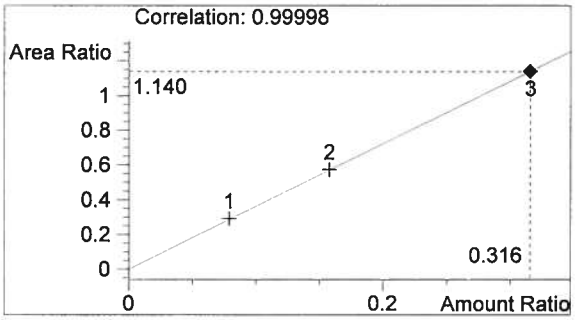
0.316 CAL
Justin Knoy

vial # 4

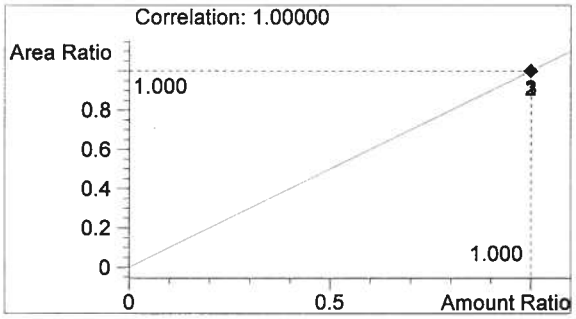


#	Compound	Area	RT
1	ETHANOL	2573	1.070
2	n-PROPANOL	2257	1.830

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

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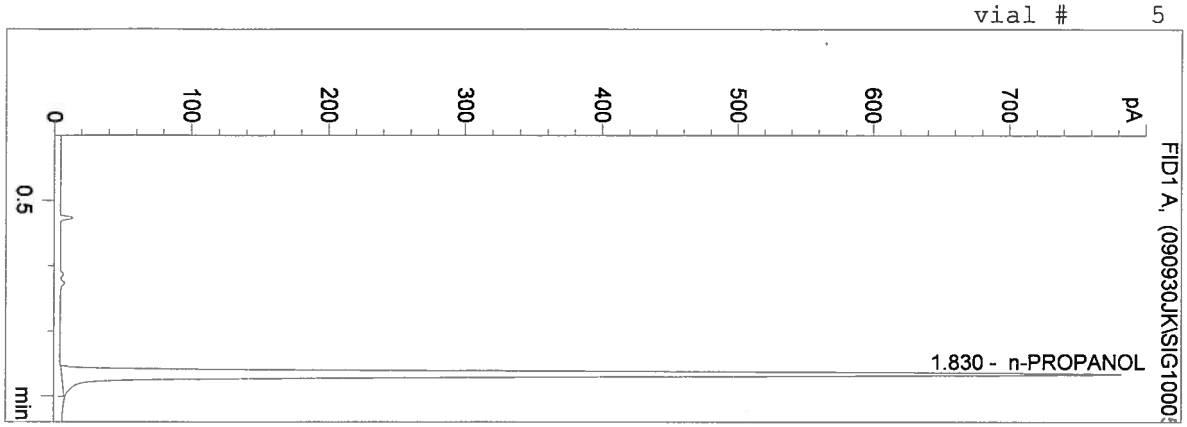
Instrument 3
db-alc2

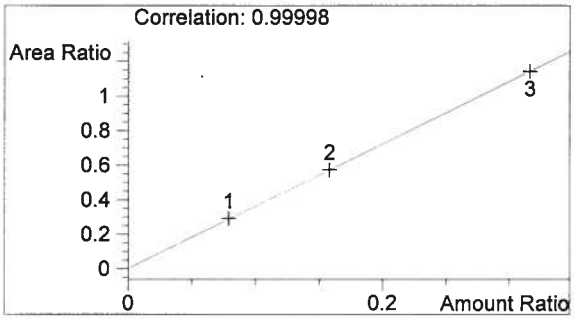
NEG CTRL JK
Justin Knoy

vial # 5

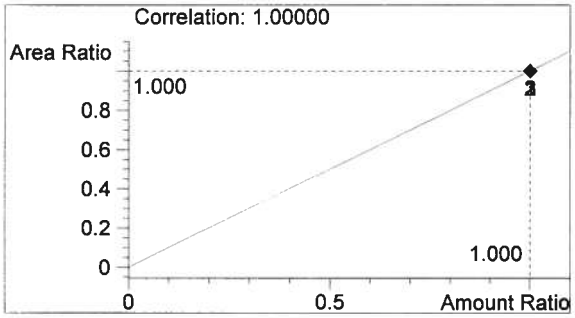


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2235	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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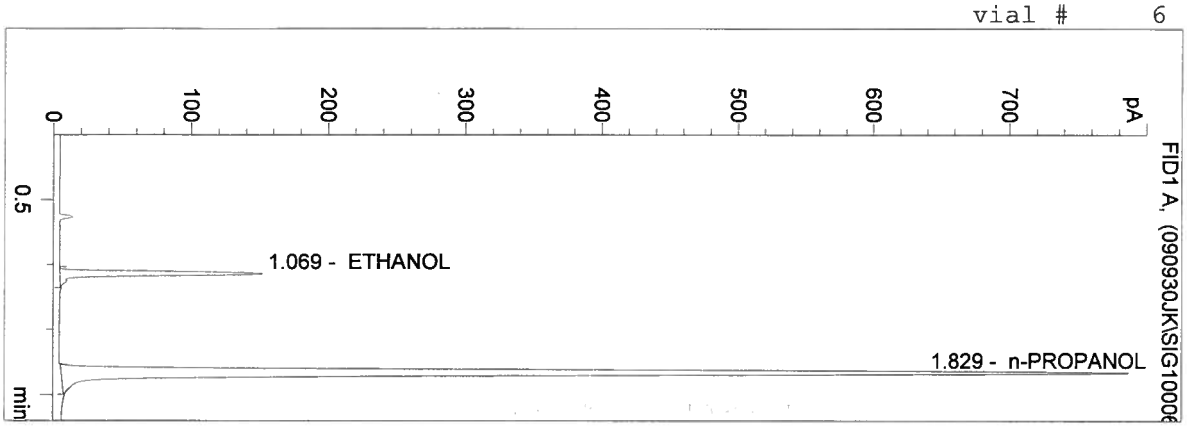
Instrument 3
db-alc2

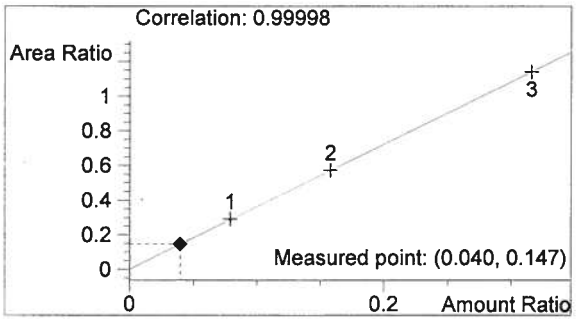
0.04 CTRL JK
Justin Knoy

vial # 6

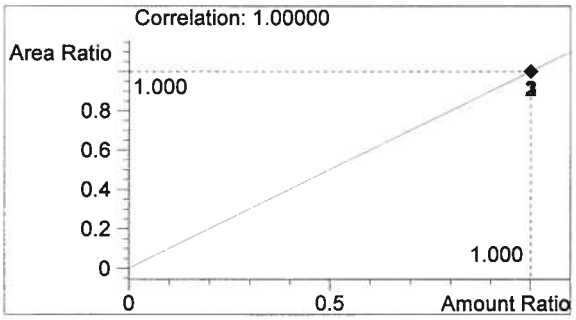


#	Compound	Area	RT
1	ETHANOL	330	1.069
2	n-PROPANOL	2248	1.829

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

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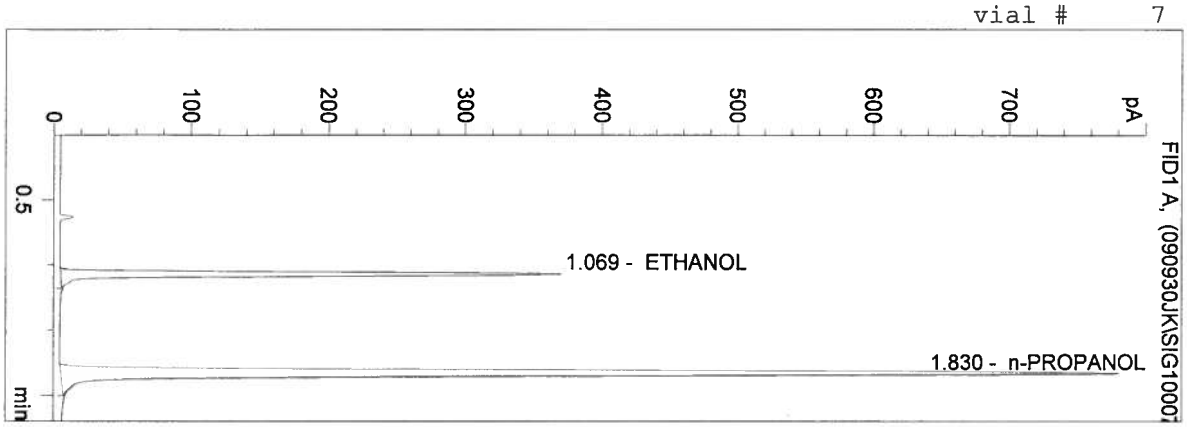
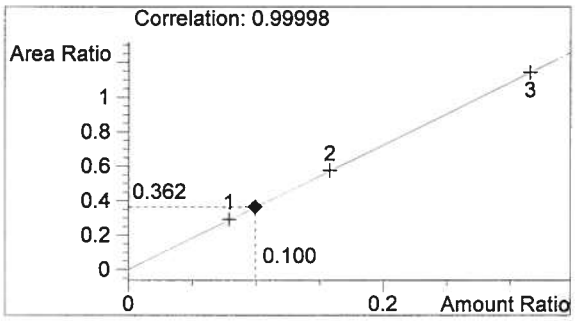
Instrument 3
db-alc2

0.10 CTRL JK
Justin Knoy

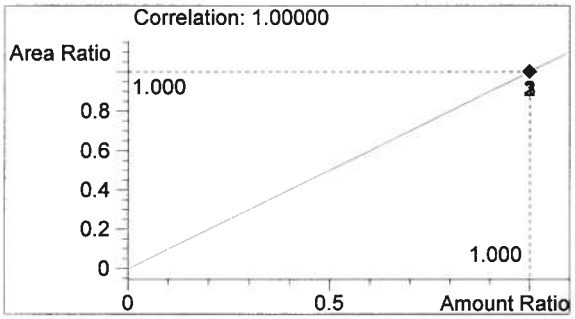
vial # 7



#	Compound	Area	RT
1	ETHANOL	808	1.069
2	n-PROPANOL	2230	1.830
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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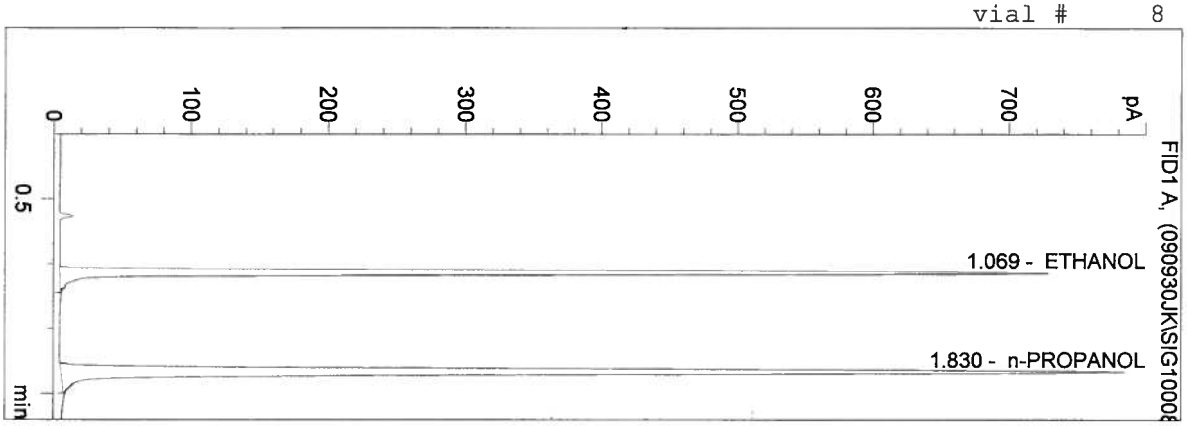
9/30/2009 2:00:12 PM
Instrument 3
db-alc2

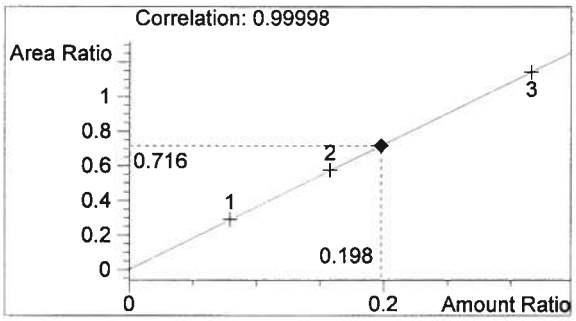
0.20 CTRL JK
Justin Knoy

vial # 8

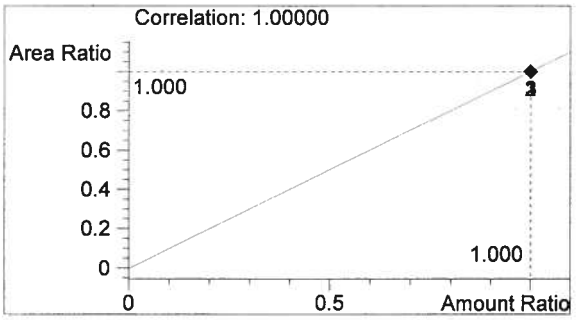


#	Compound	Area	RT
1	ETHANOL	1606	1.069
2	n-PROPANOL	2244	1.830

Totals:



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

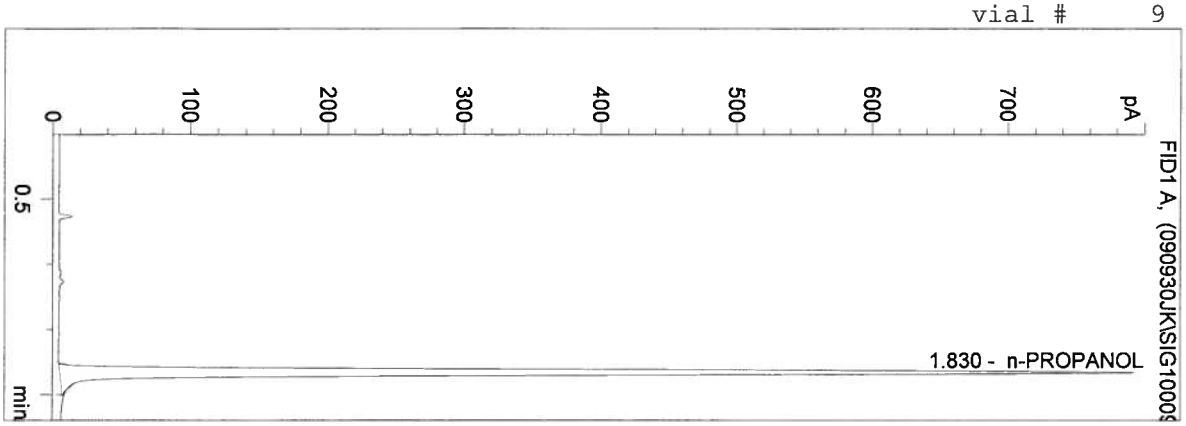
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/30/2009 2:03:19 PM
Instrument 3
db-alc2

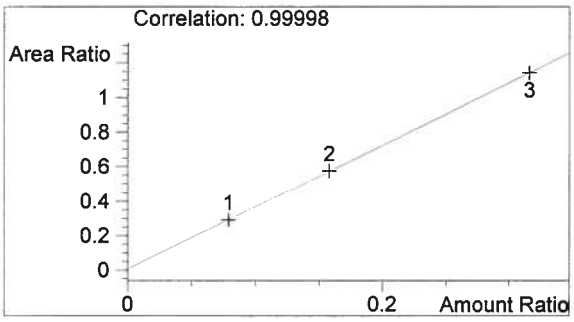
NEG CTRL JK
Justin Knoy

vial # 9

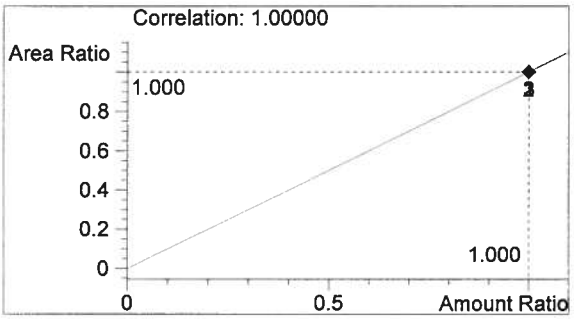


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2261	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09046

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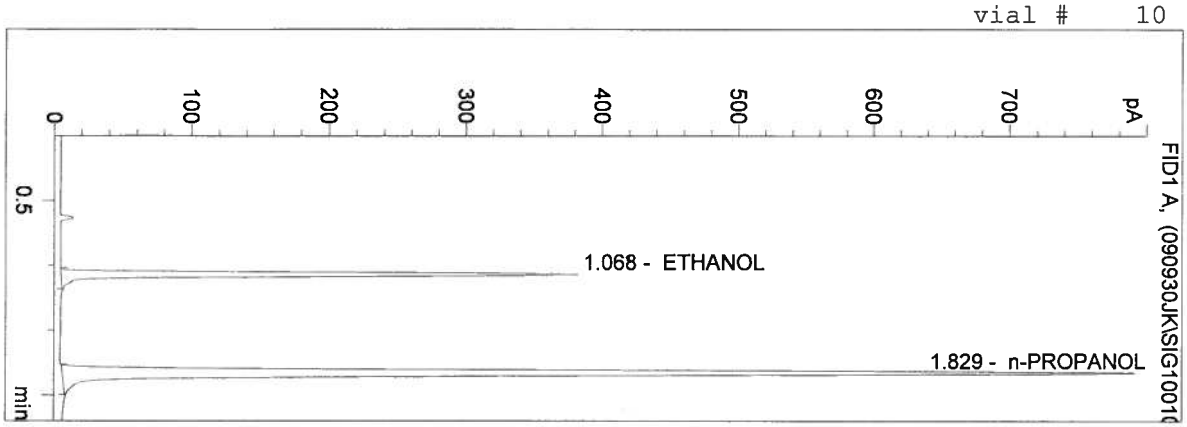
9/30/2009 2:06:27 PM
Instrument 3
db-alc2

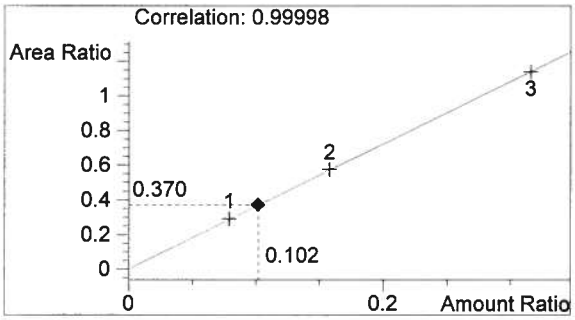
09046-1
Justin Knoy

vial # 10

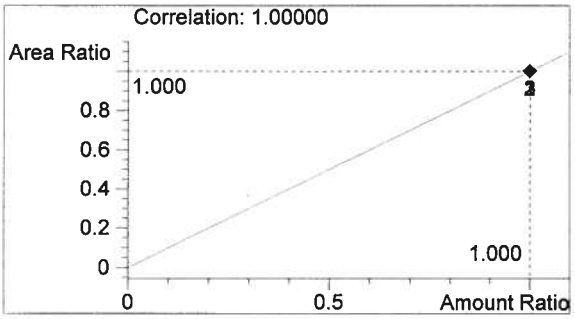


#	Compound	Area	RT
1	ETHANOL	837	1.068
2	n-PROPANOL	2263	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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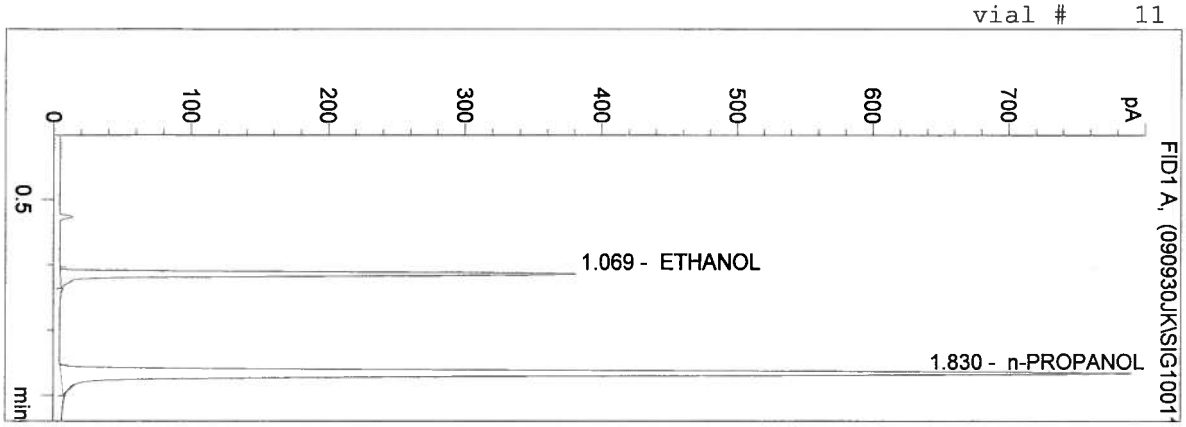
9/30/2009 2:09:35 PM
Instrument 3
db-alc2

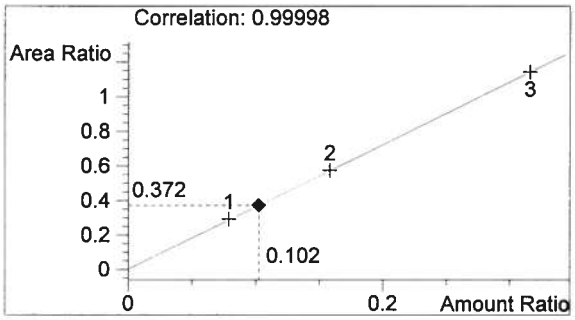
09046-2
Justin Knoy

vial # 11

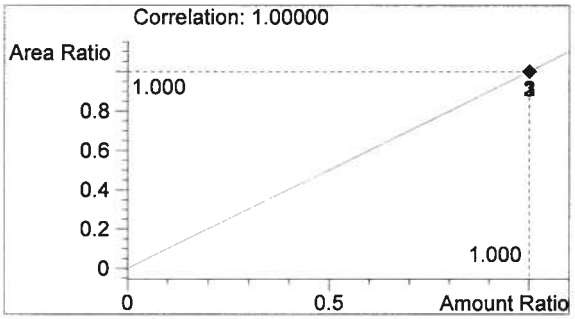


#	Compound	Area	RT
1	ETHANOL	842	1.069
2	n-PROPANOL	2267	1.830

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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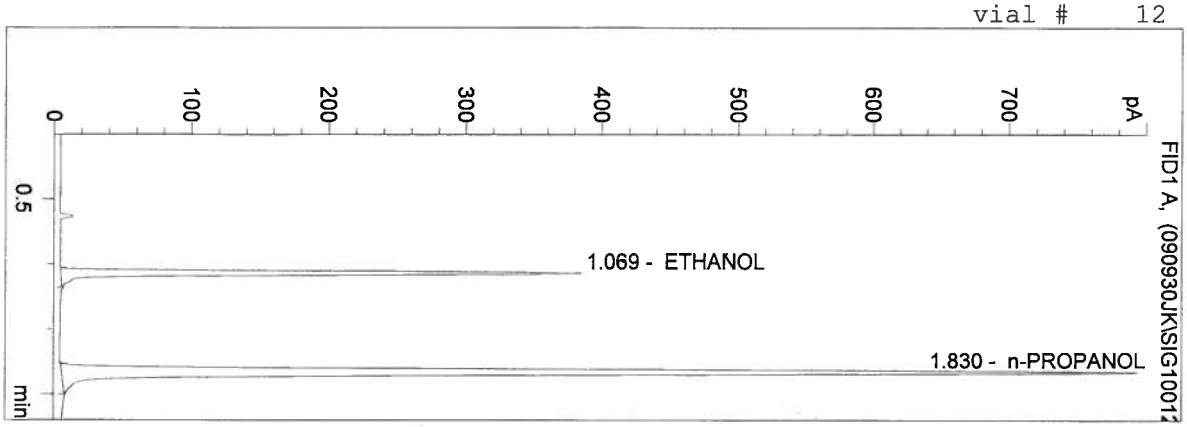
9/30/2009 2:12:42 PM
Instrument 3
db-alc2

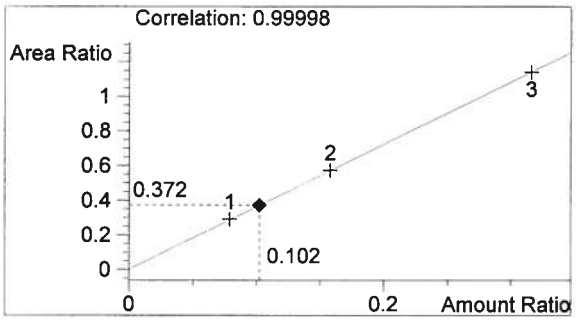
09046-3
Justin Knoy

vial # 12

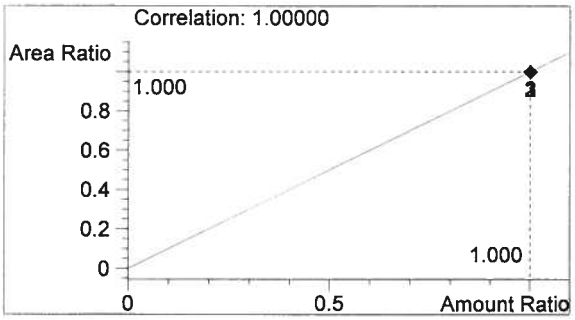


#	Compound	Area	RT
1	ETHANOL	845	1.069
2	n-PROPANOL	2273	1.830

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

JK

WASHINGTON STATE TOXICOLOGY LABORATORY

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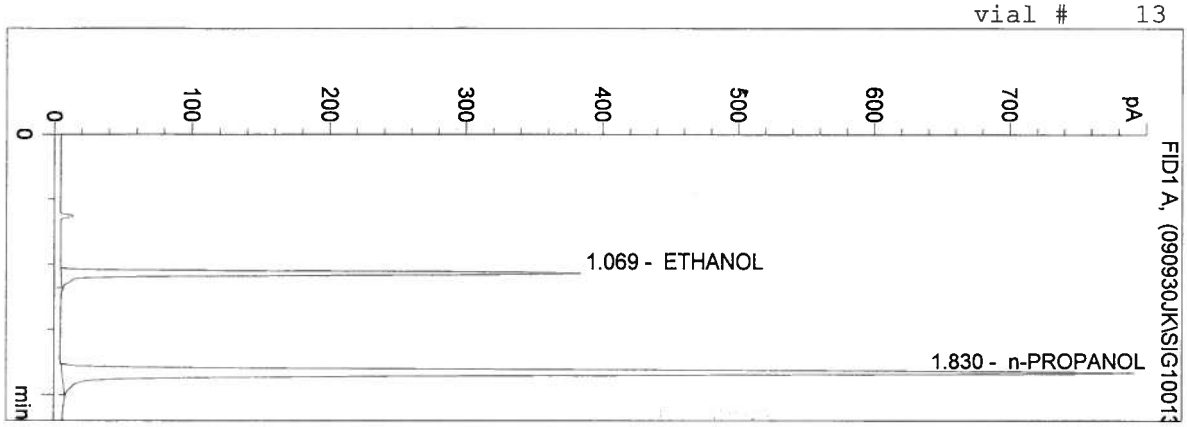
9/30/2009 2:15:50 PM
Instrument 3
db-alc2

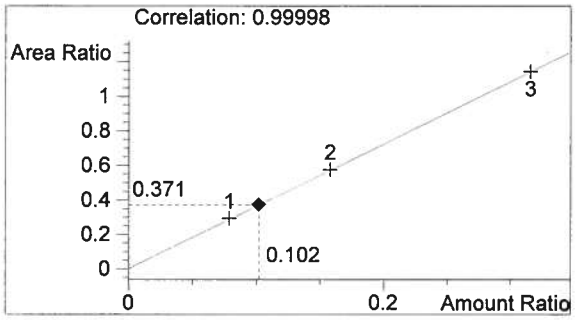
09046-4
Justin Knoy

vial # 13

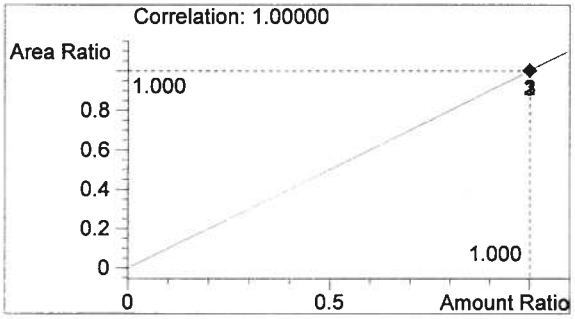


#	Compound	Area	RT
1	ETHANOL	836	1.069
2	n-PROPANOL	2254	1.830

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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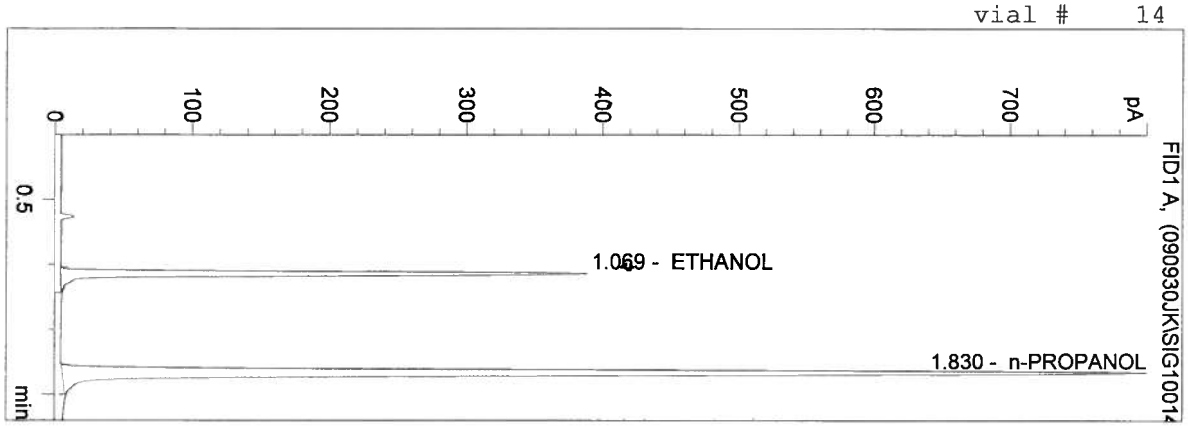
9/30/2009 2:18:58 PM
Instrument 3
db-alc2

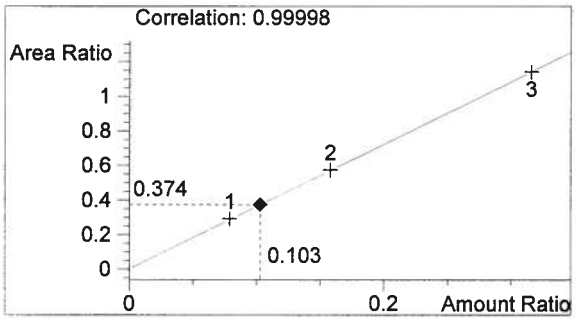
09046-5
Justin Knoy

vial # 14

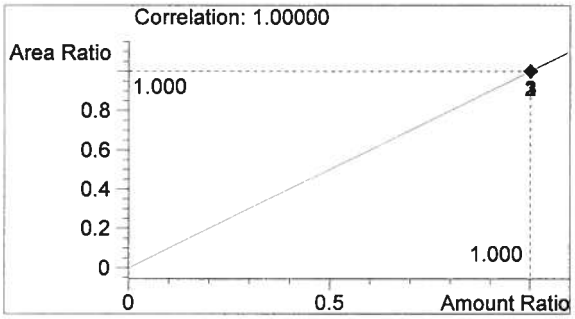


#	Compound	Area	RT
1	ETHANOL	858	1.069
2	n-PROPANOL	2294	1.830

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

JK

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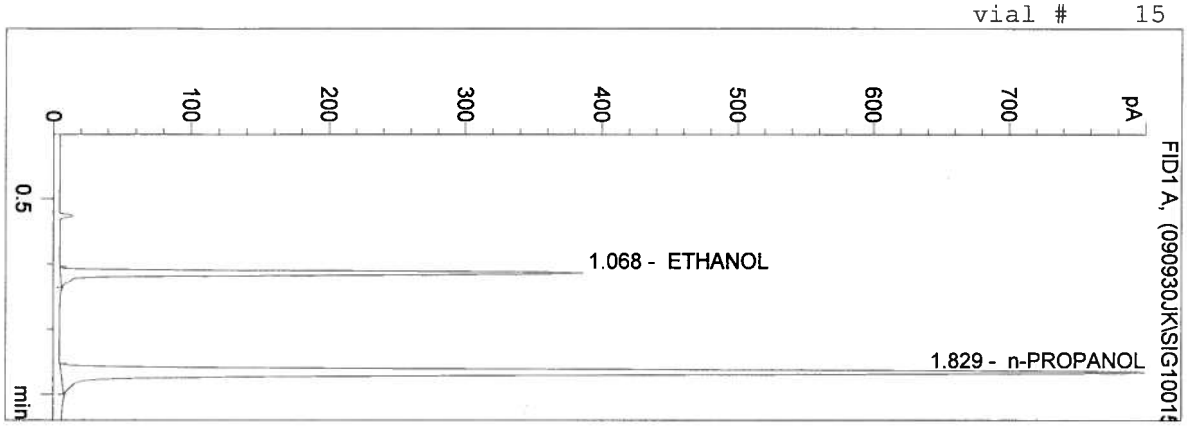
9/30/2009 2:22:06 PM
Instrument 3
db-alc2

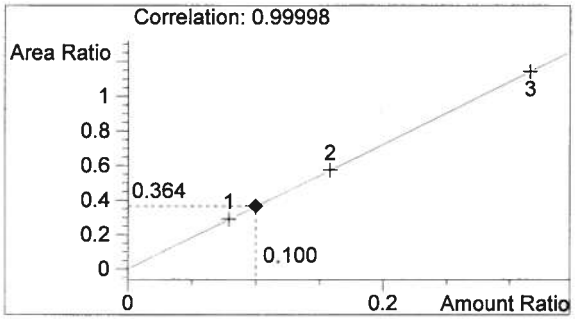
0.10 CTRL JK
Justin Knoy

vial # 15

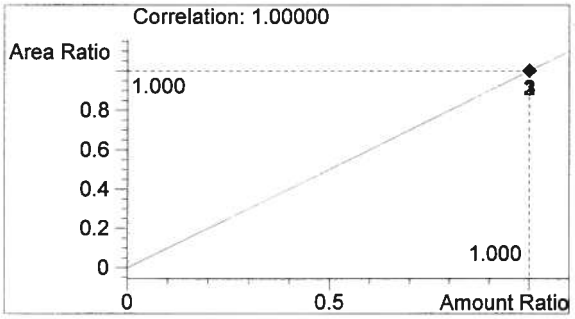


#	Compound	Area	RT
1	ETHANOL	849	1.068
2	n-PROPANOL	2336	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

09046

WASHINGTON STATE TOXICOLOGY LABORATORY

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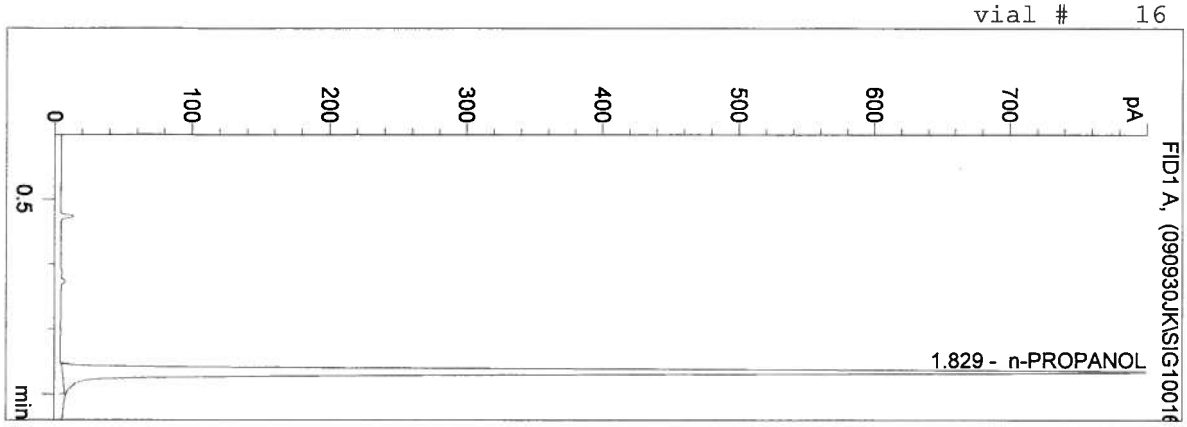
9/30/2009 2:25:14 PM
Instrument 3
db-alc2

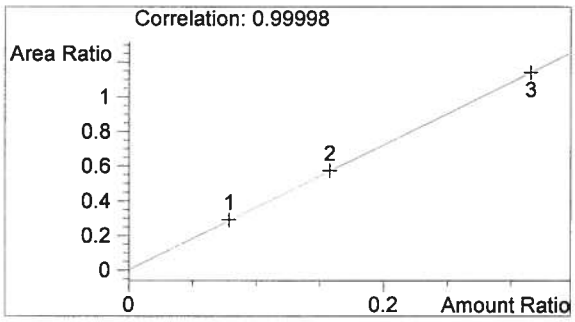
NEG CTRL JK
Justin Knoy

vial # 16

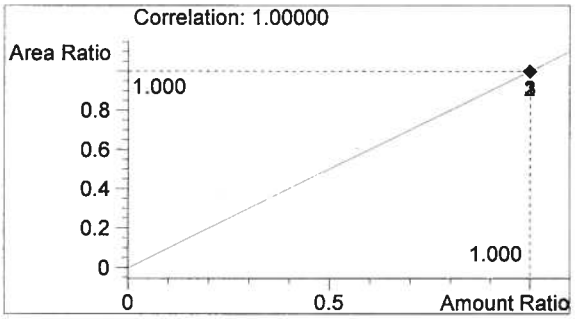


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2349	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09046

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	091002CJ
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	09046 #1 CJ	SIMALC	1	Sample		
11	Vial 11	09046 #2 CJ	SIMALC	1	Sample		
12	Vial 12	09046 #3 CJ	SIMALC	1	Sample		
13	Vial 13	09046 #4 CJ	SIMALC	1	Sample		
14	Vial 14	09046 #5 CJ	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

09046

No entries - empty table!

09046

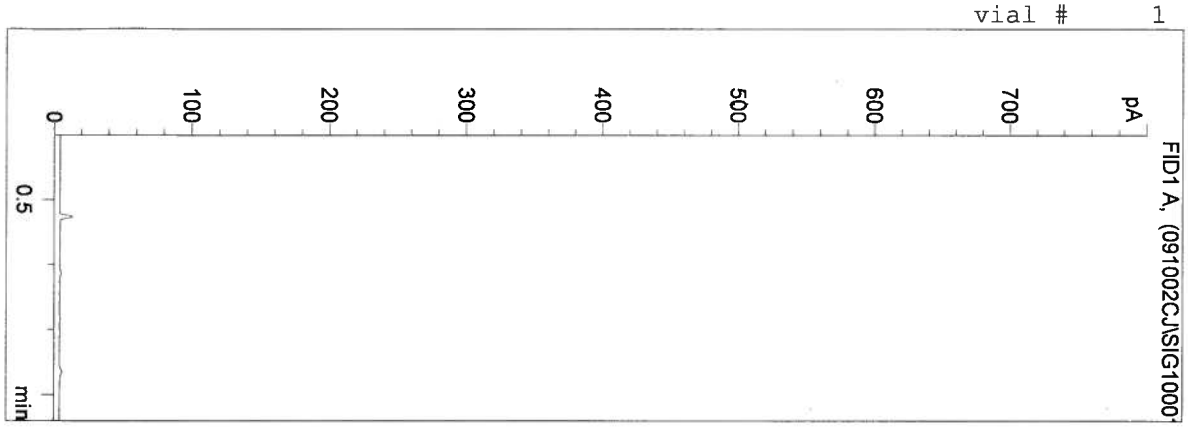
cJ

WASHINGTON STATE TOXICOLOGY LABORATORY

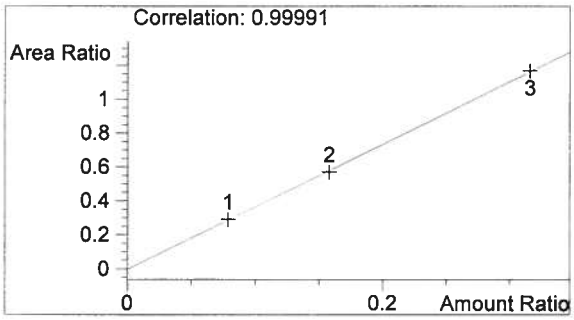
C:\HPCHEM\2\METHODS\SIMALC.M
10/2/2009 6:17:14 PM
Instrument 3
db-alc2

BLANK-CJ
Chris Johnston

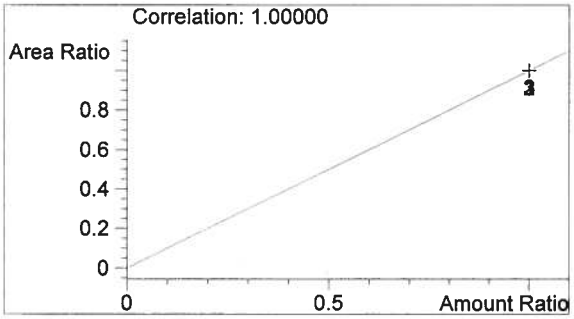
vial # 1



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



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09046

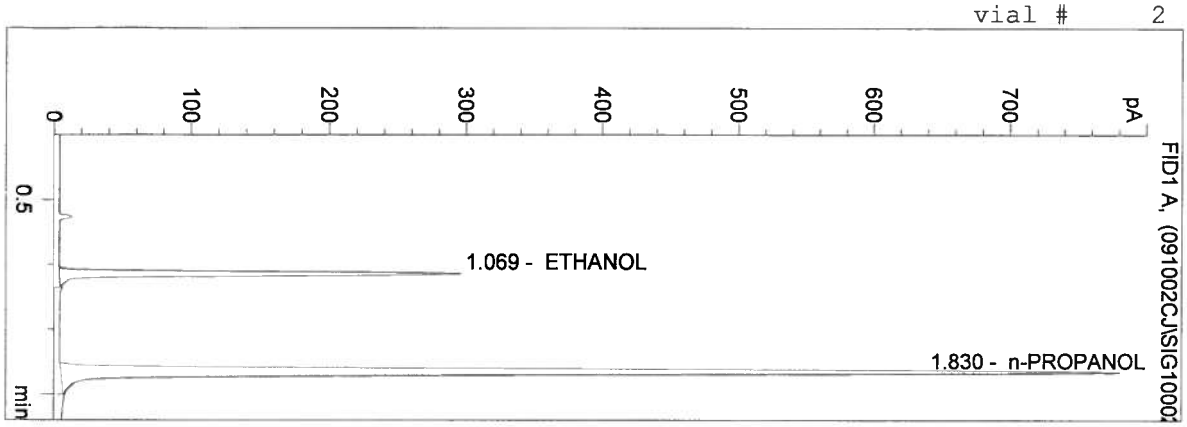
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/2/2009 6:20:21 PM
Instrument 3
db-alc2

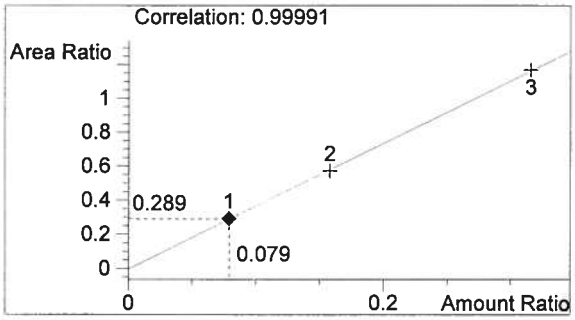
0.079 CAL 1
Chris Johnston

vial # 2

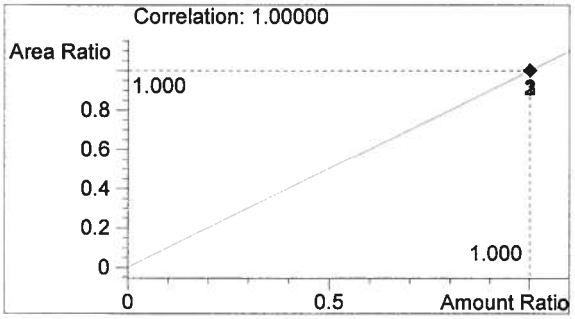


#	Compound	Area	RT
1	ETHANOL	644	1.069
2	n-PROPANOL	2227	1.830

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

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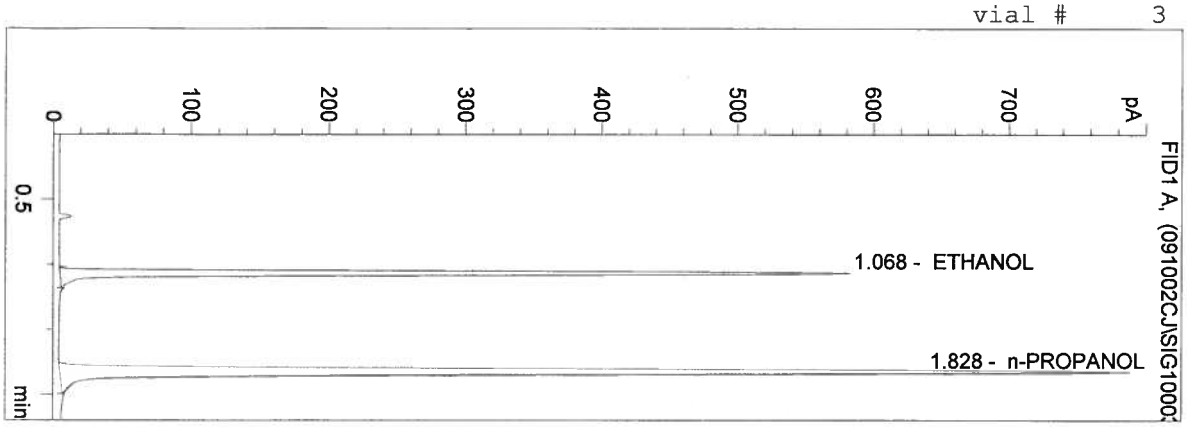
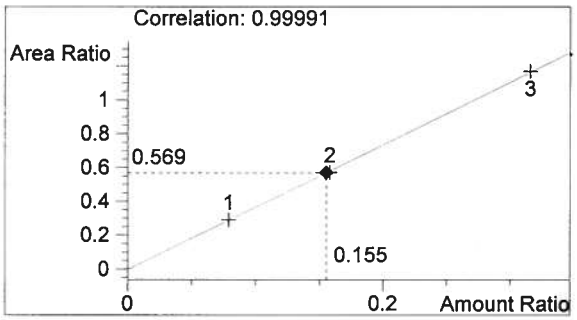
C:\HPCHEM\2\METHODS\SIMALC.M
10/2/2009 6:23:29 PM
Instrument 3
db-alc2

0.158 CAL 2
Chris Johnston

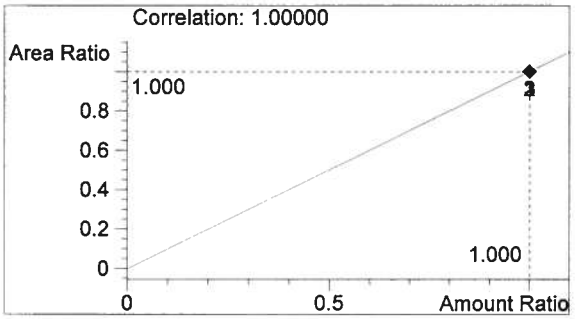
vial # 3



#	Compound	Area	RT
1	ETHANOL	1285	1.068
2	n-PROPANOL	2259	1.828
Totals:			



ETHANOL 0.155 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

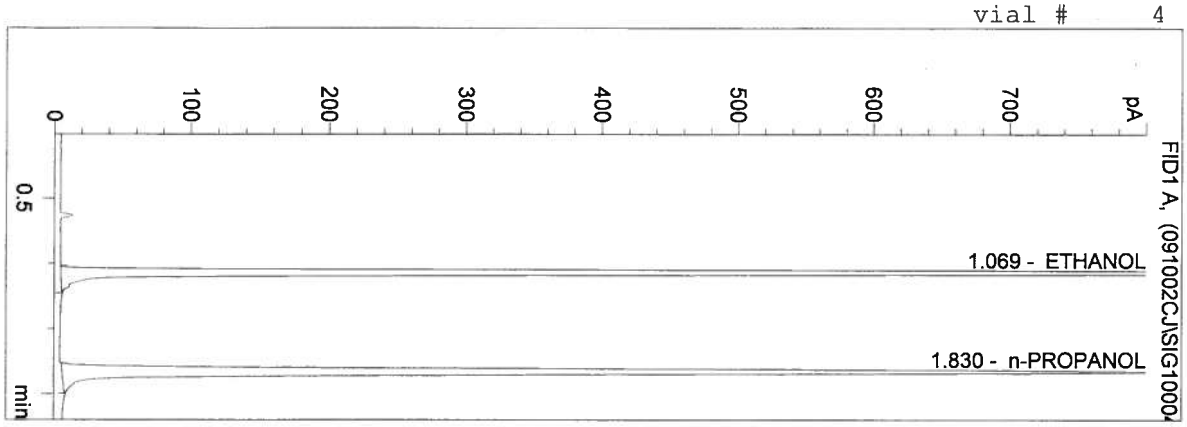
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/2/2009 6:26:37 PM
Instrument 3
db-alc2

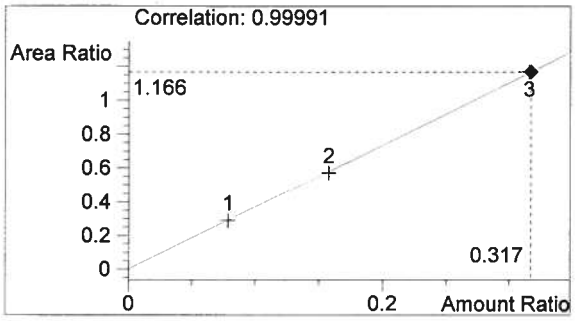
0.316 CAL 3
Chris Johnston

vial # 4

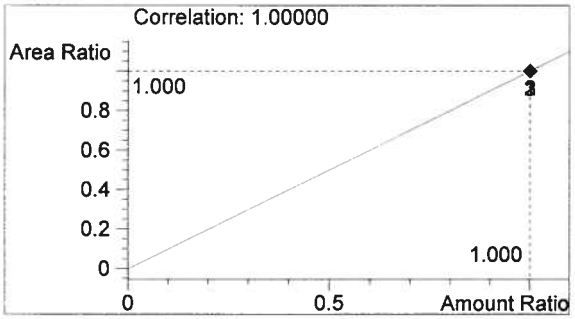


#	Compound	Area	RT
1	ETHANOL	2724	1.069
2	n-PROPANOL	2336	1.830

Totals:



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

a)

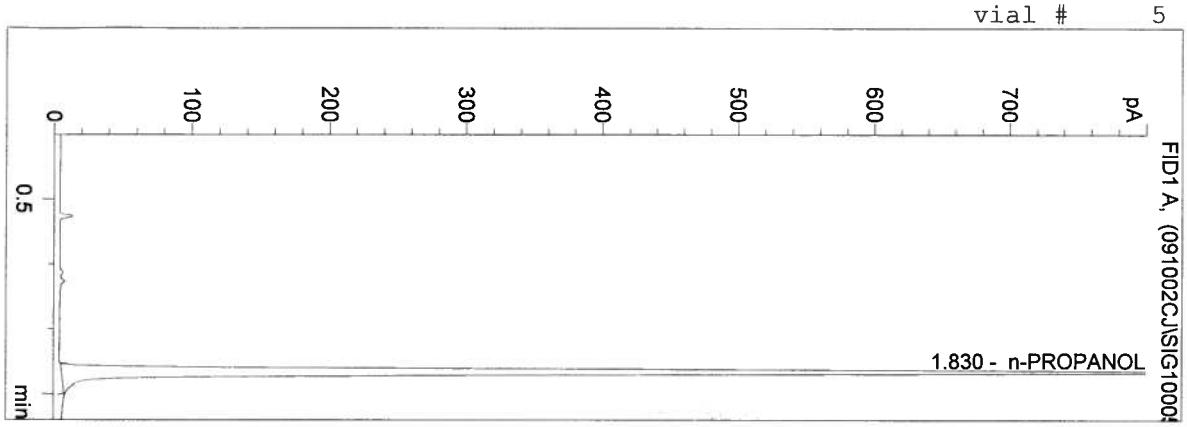
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/2/2009 6:29:44 PM
Instrument 3
db-alc2

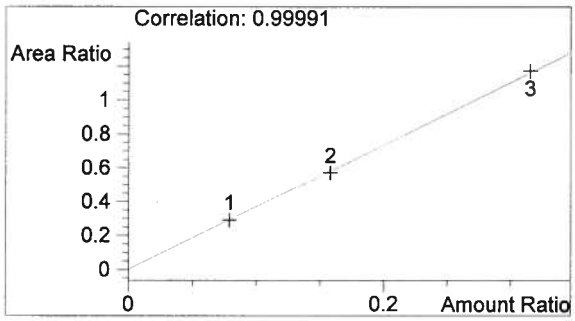
NEG CTRL-CJ
Chris Johnston

vial # 5

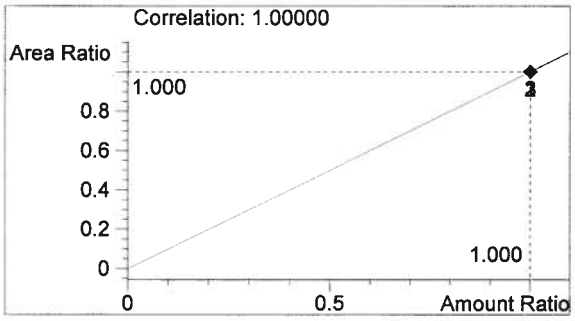


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2445	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

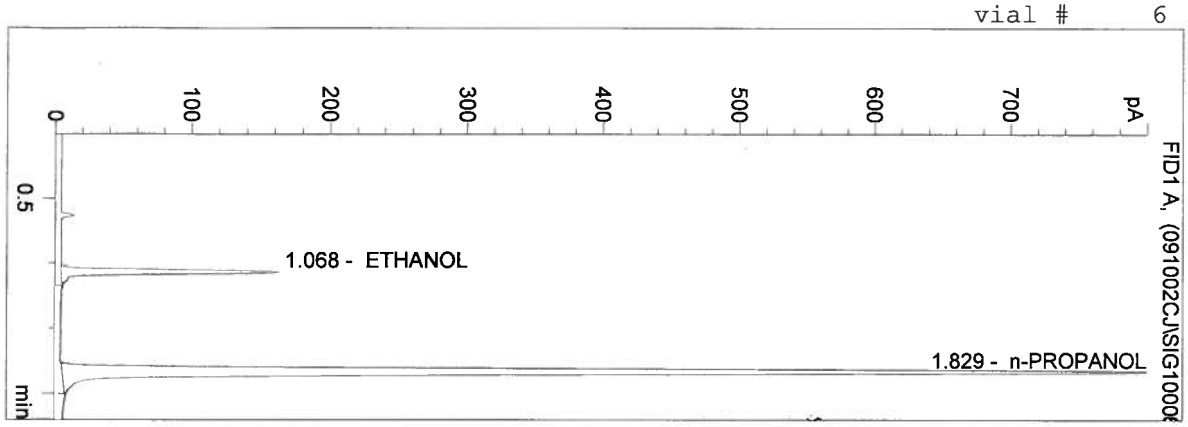
09046

WASHINGTON STATE TOXICOLOGY LABORATORY

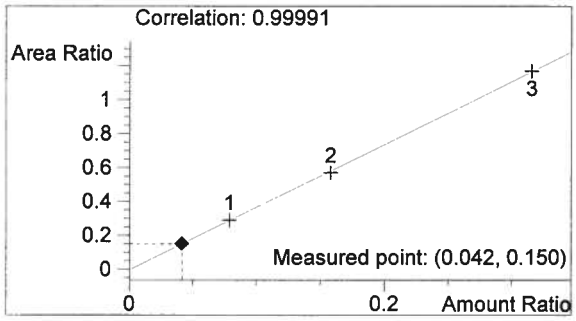
C:\HPCHEM\2\METHODS\SIMALC.M
10/2/2009 6:32:52 PM
Instrument 3
db-alc2

0.04 CTRL-CJ
Chris Johnston

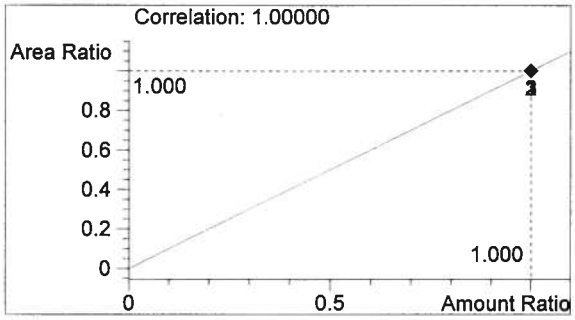
vial # 6



#	Compound	Area	RT
1	ETHANOL	355	1.068
2	n-PROPANOL	2367	1.829
Totals:			



ETHANOL 0.042 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

09046

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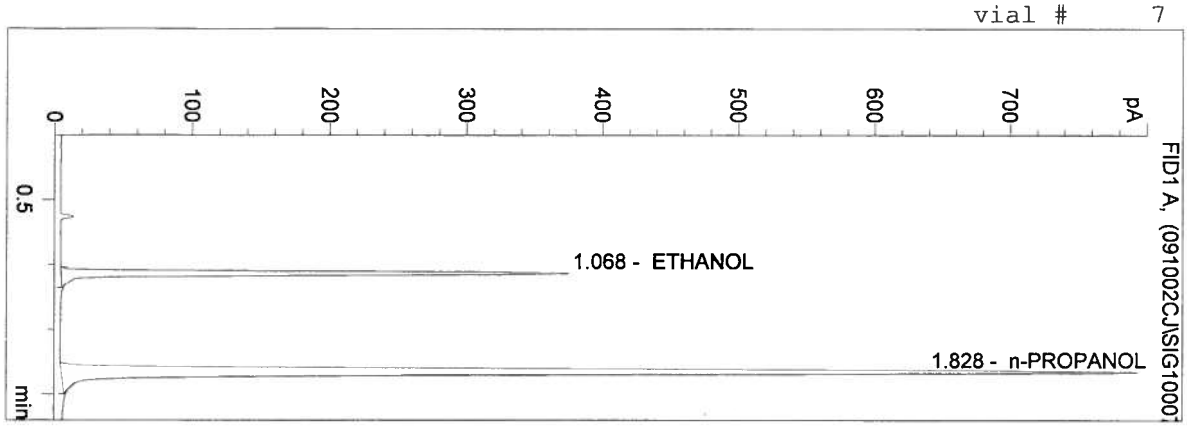
10/2/2009 6:36:00 PM
Instrument 3
db-alc2

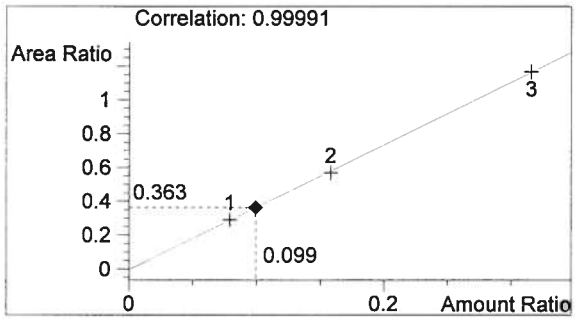
0.10 CTRL-CJ
Chris Johnston

vial # 7

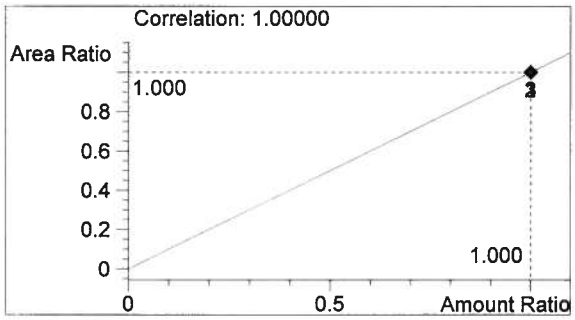


#	Compound	Area	RT
1	ETHANOL	825	1.068
2	n-PROPANOL	2274	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

09046

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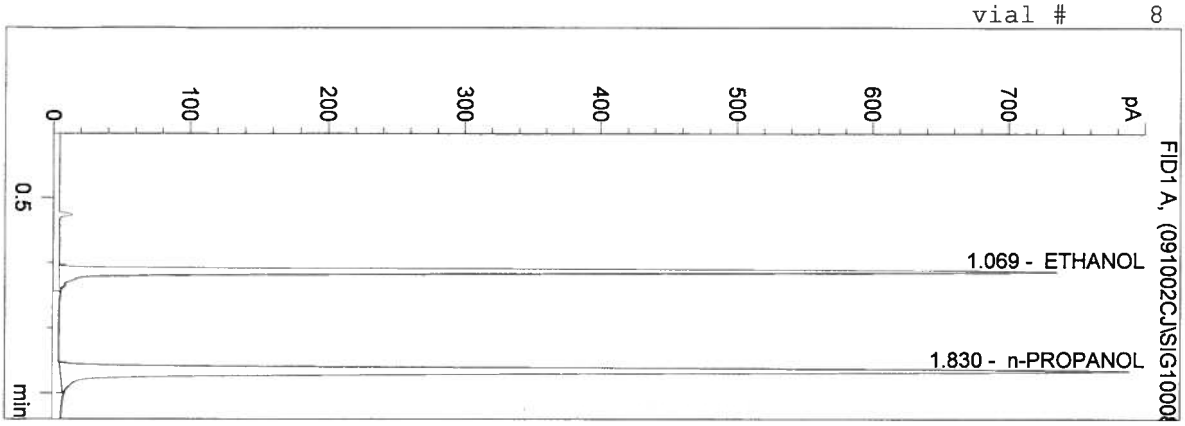
Instrument 3
db-alc2

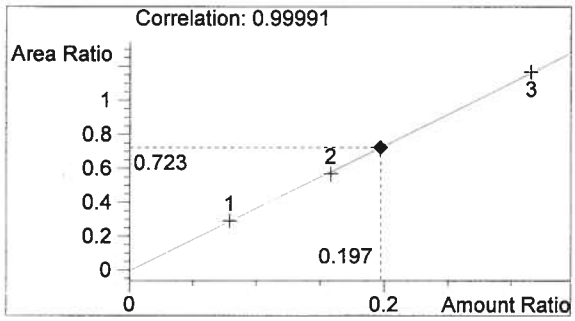
0.20 CTRL-CJ
Chris Johnston

vial # 8

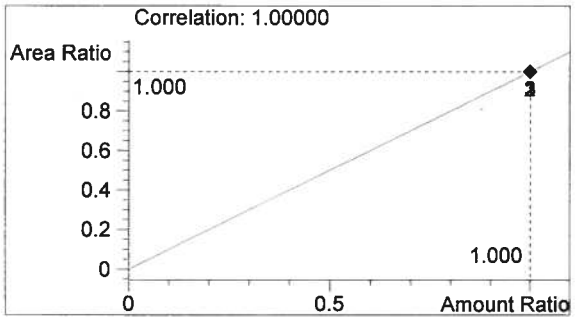


#	Compound	Area	RT
1	ETHANOL	1631	1.069
2	n-PROPANOL	2257	1.830

Totals:



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

09046

WASHINGTON STATE TOXICOLOGY LABORATORY

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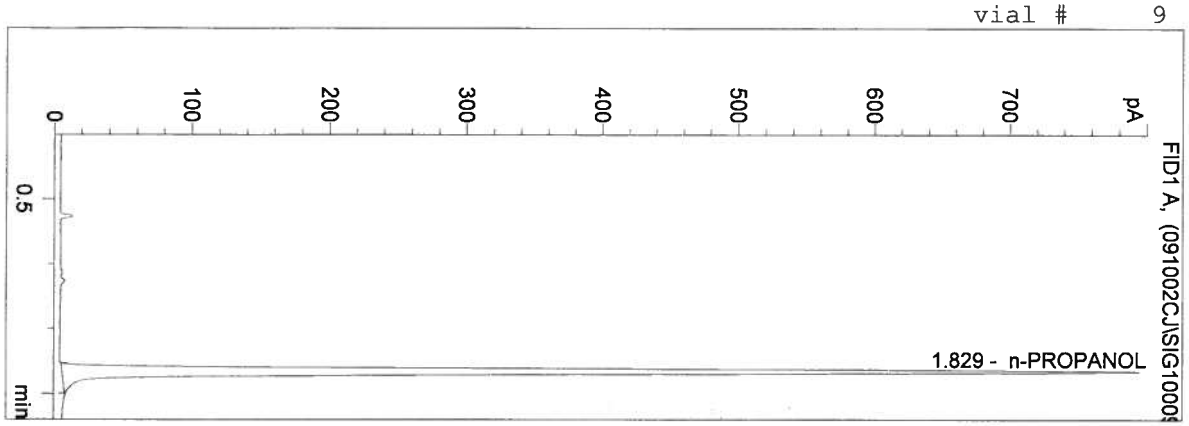
10/2/2009 6:42:15 PM
Instrument 3
db-alc2

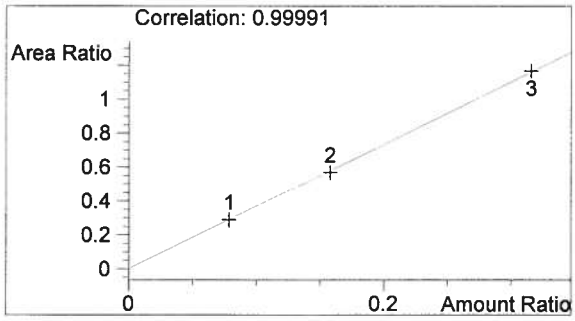
NEG CTRL-CJ
Chris Johnston

vial # 9

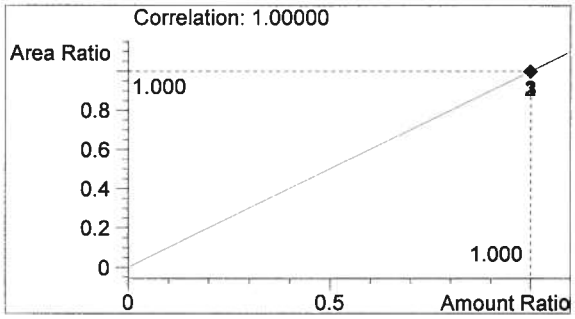


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2269	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

C)

09046

WASHINGTON STATE TOXICOLOGY LABORATORY

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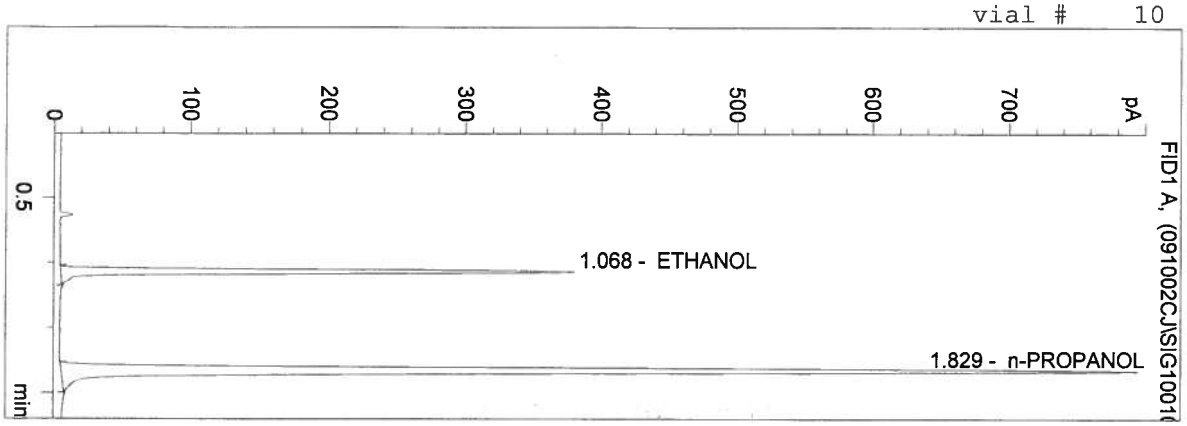
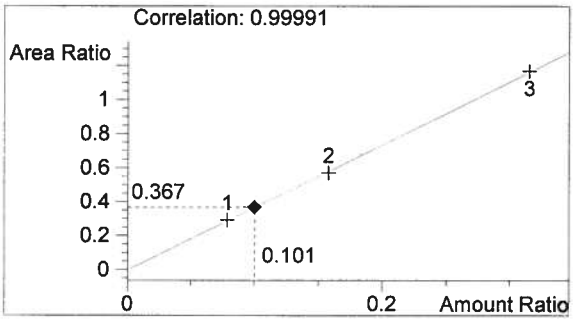
Instrument 3
db-alc2

09046 #1 CJ
Chris Johnston

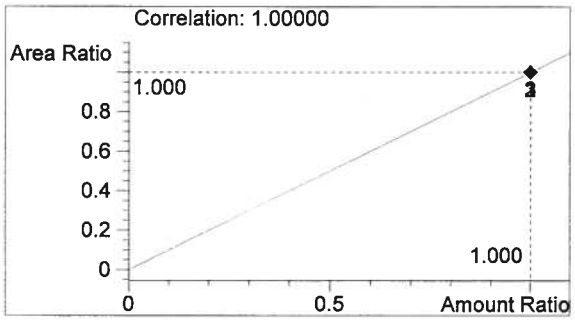
vial # 10



#	Compound	Area	RT
1	ETHANOL	835	1.068
2	n-PROPANOL	2277	1.829
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

c)

WASHINGTON STATE TOXICOLOGY LABORATORY

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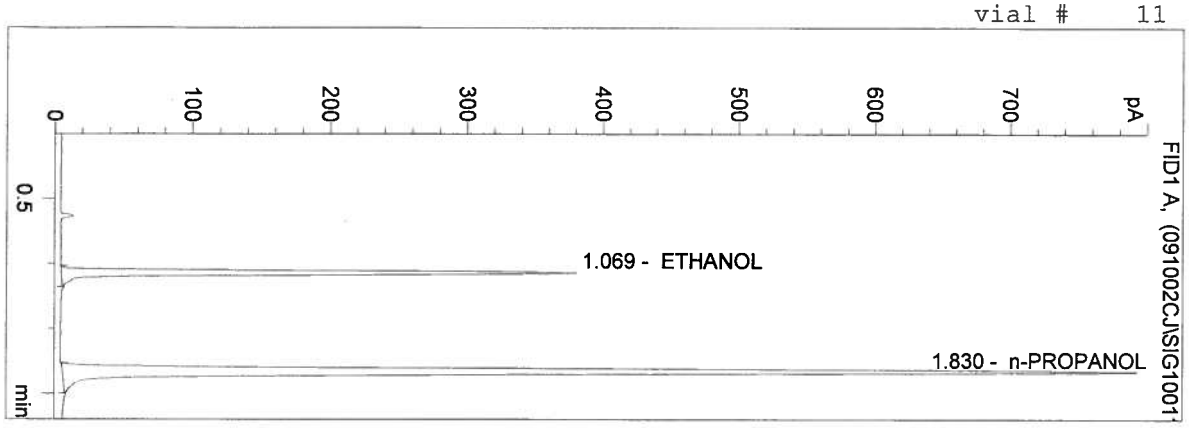
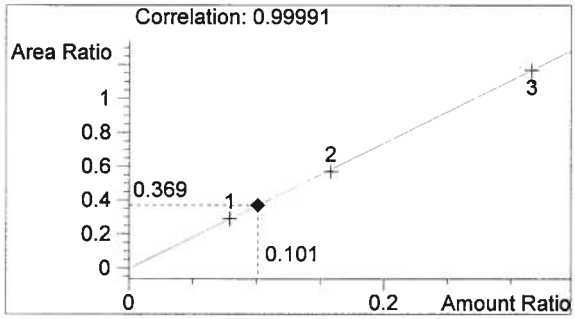
Instrument 3
db-alc2

09046 #2 CJ
Chris Johnston

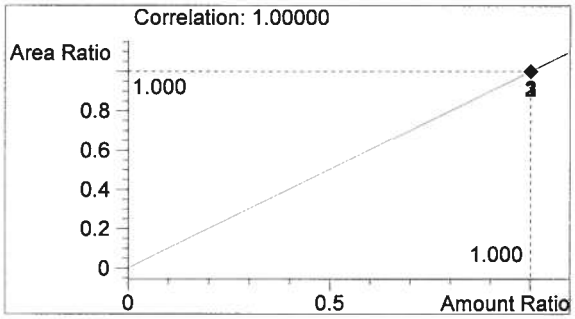
vial # 11



#	Compound	Area	RT
1	ETHANOL	836	1.069
2	n-PROPANOL	2264	1.830
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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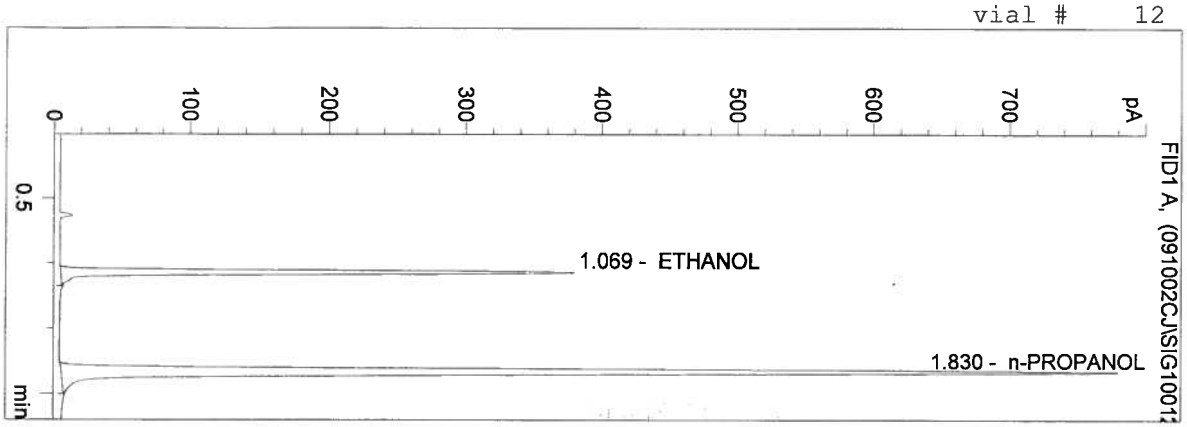
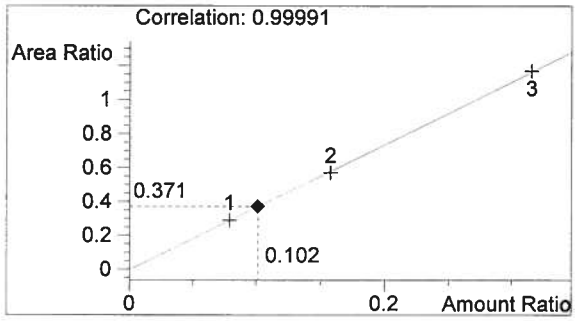
Instrument 3
db-alc2

09046 #3 CJ
Chris Johnston

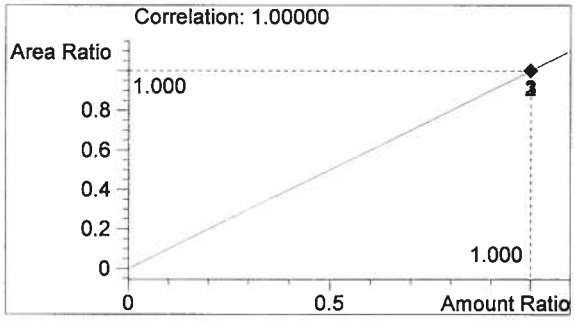
vial # 12



#	Compound	Area	RT
1	ETHANOL	827	1.069
2	n-PROPANOL	2229	1.830
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

cJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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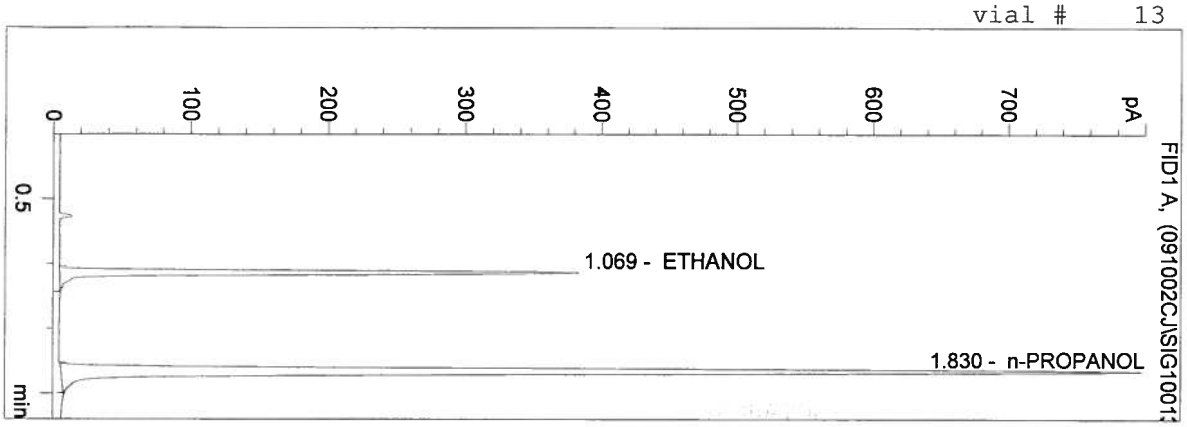
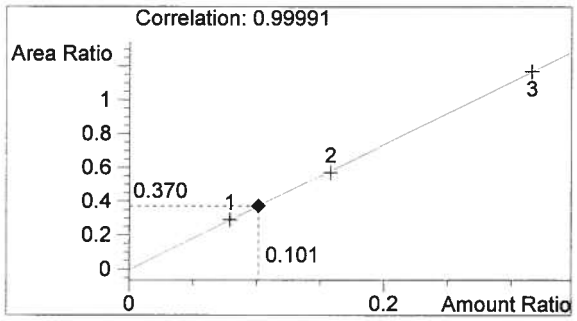
Instrument 3
db-alc2

09046 #4 CJ
Chris Johnston

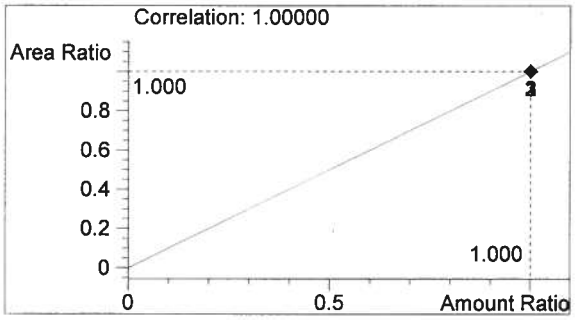
vial # 13



#	Compound	Area	RT
1	ETHANOL	843	1.069
2	n-PROPANOL	2277	1.830
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

oJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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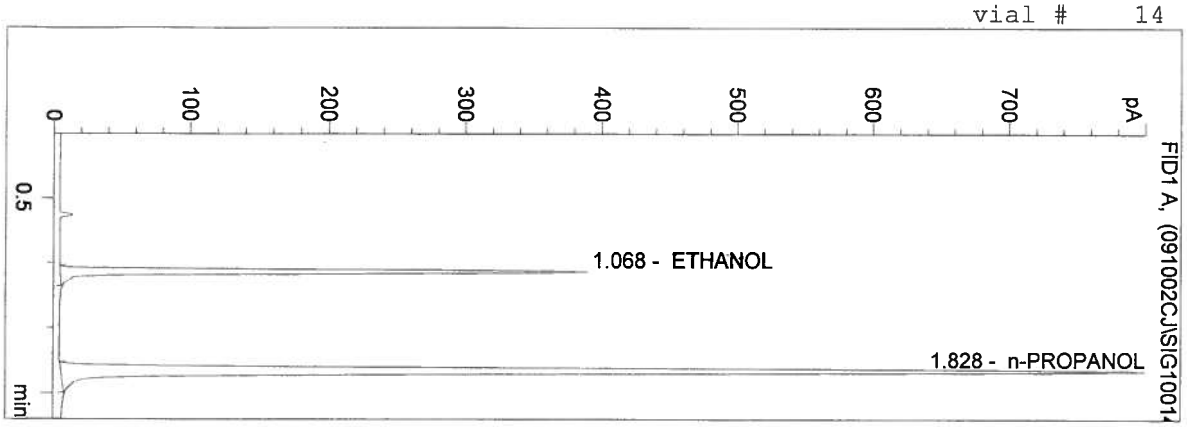
Instrument 3
db-alc2

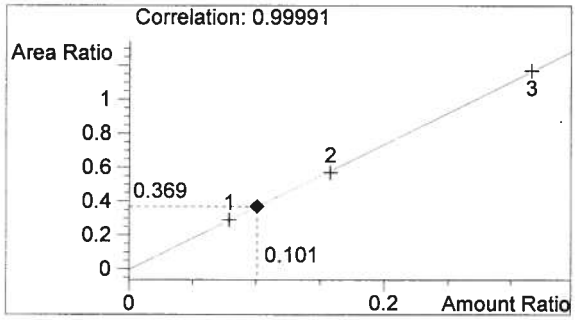
09046 #5 CJ
Chris Johnston

vial # 14

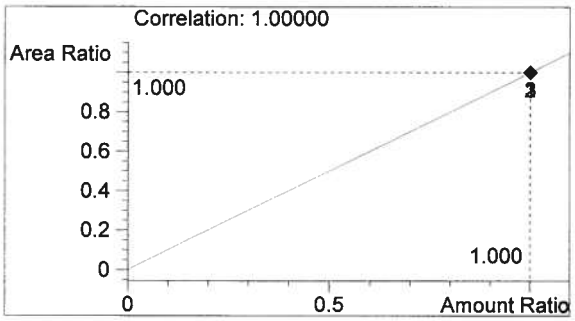


#	Compound	Area	RT
1	ETHANOL	857	1.068
2	n-PROPANOL	2323	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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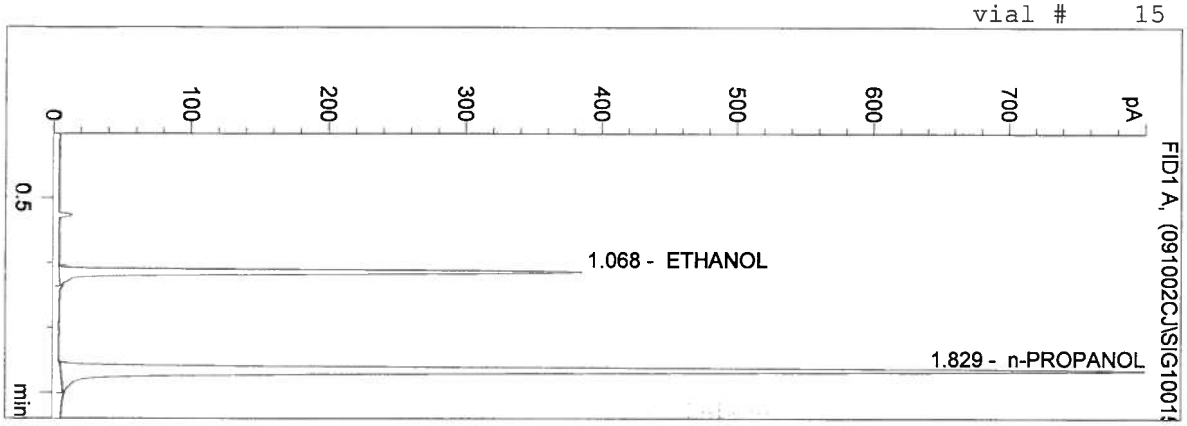
10/2/2009 7:01:01 PM
Instrument 3
db-alc2

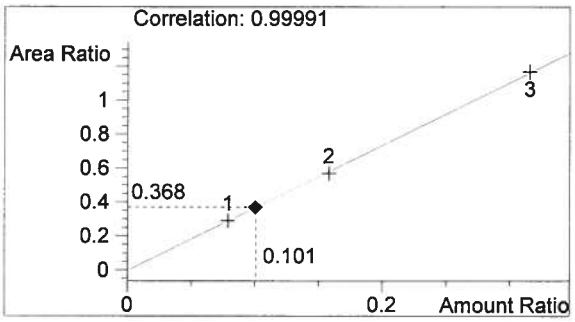
0.10 CTRL-CJ
Chris Johnston

vial # 15

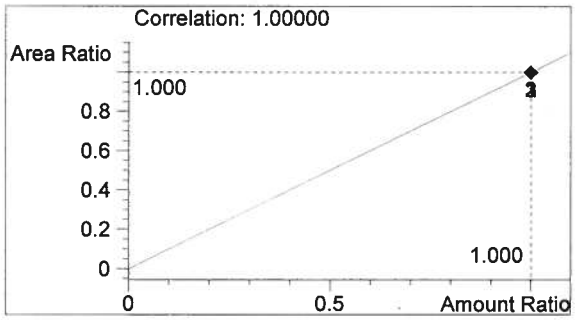


#	Compound	Area	RT
1	ETHANOL	846	1.068
2	n-PROPANOL	2297	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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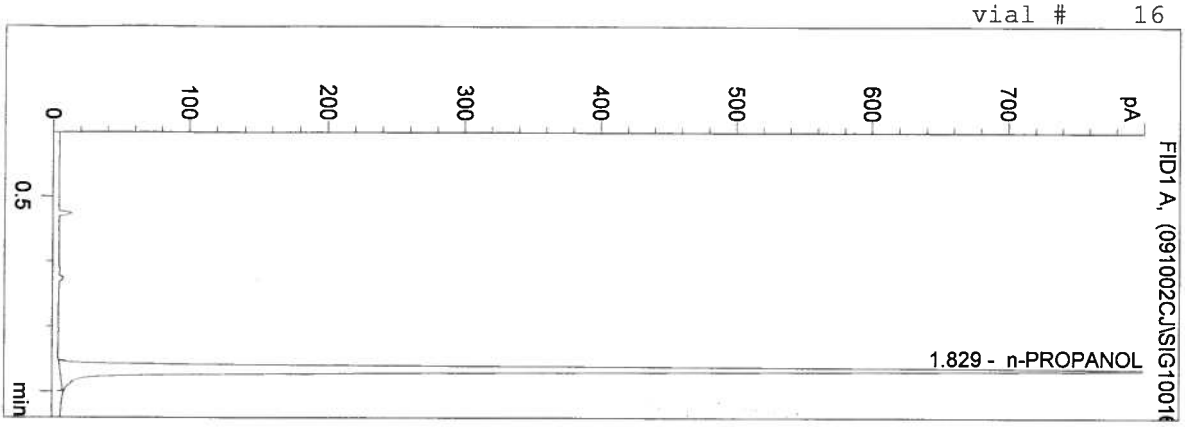
Instrument 3
db-alc2

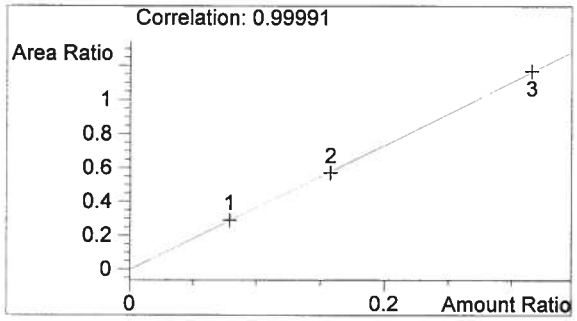
NEG CTRL-CJ
Chris Johnston

vial # 16

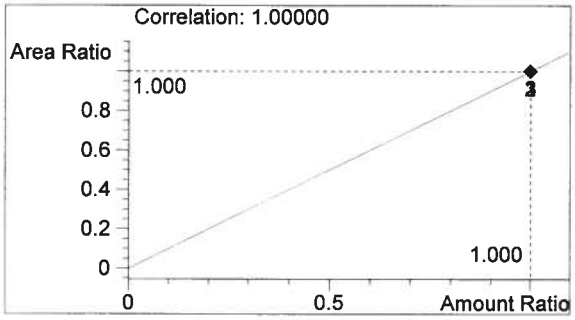


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2386	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

cj

09046

Sequence Parameters:

Operator:	Brianne E. O'Reilly
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:	091005BO
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-BO	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-BO	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BO	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		
10	Vial 10	09046 #1	SIMALC	1	Sample		
11	Vial 11	09046 #2	SIMALC	1	Sample		
12	Vial 12	09046 #3	SIMALC	1	Sample		
13	Vial 13	09046 #4	SIMALC	1	Sample		
14	Vial 14	09046 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

09046

BEO

09046

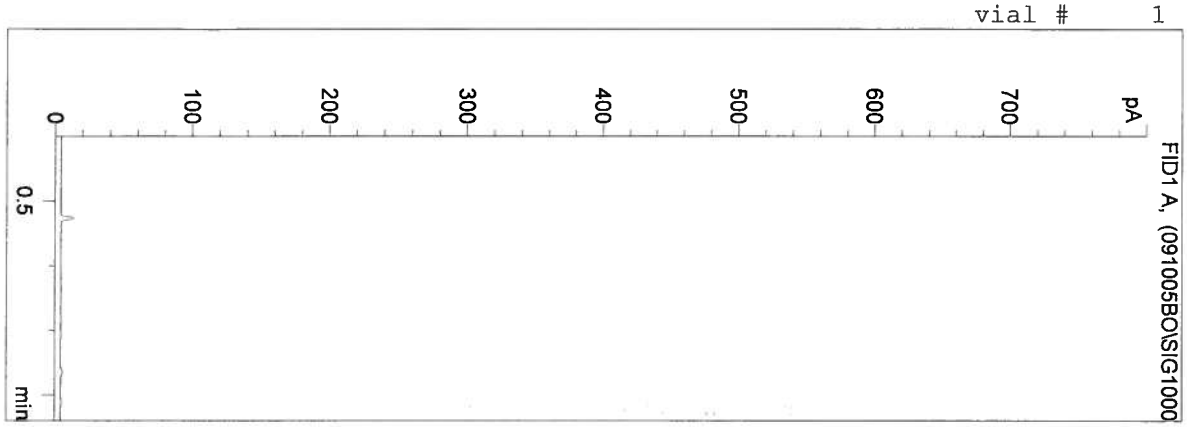
BW

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/5/2009 12:54:59 PM
Instrument 3
db-alc2

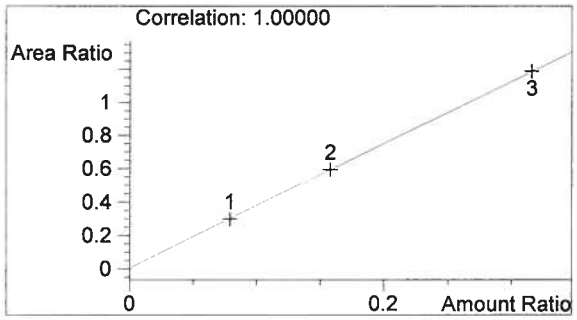
BLANK
Brianne E. O'Reilly

vial # 1

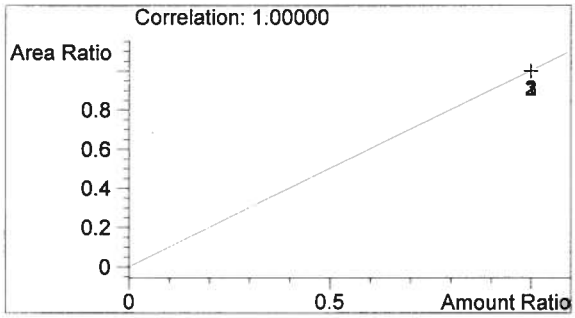


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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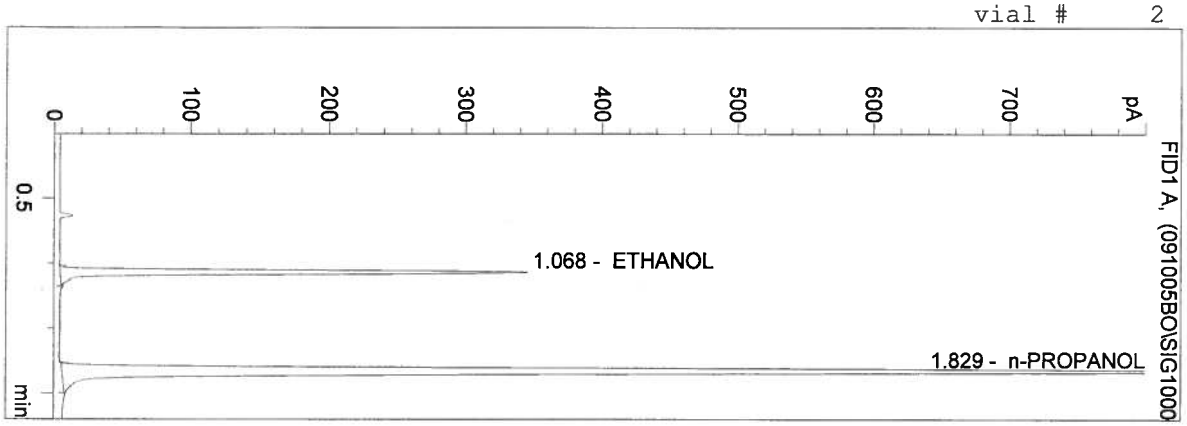
BW

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/5/2009 12:58:07 PM
Instrument 3
db-alc2

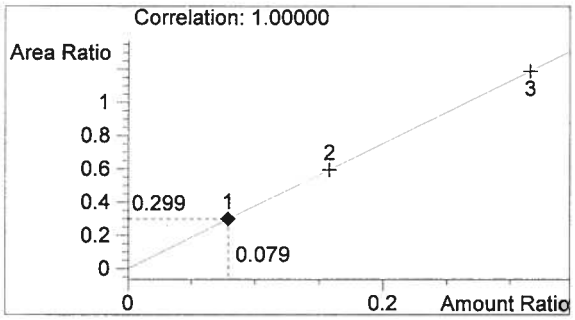
0.079 CAL 1
Brianne E. O'Reilly

vial # 2

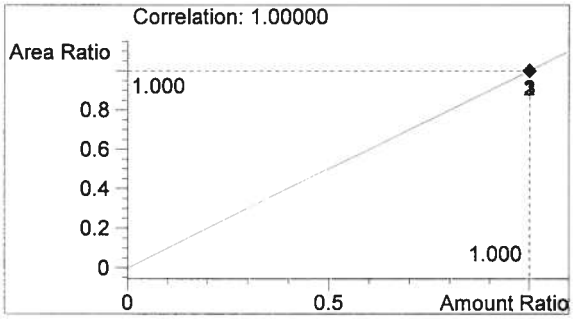


#	Compound	Area	RT
1	ETHANOL	756	1.068
2	n-PROPANOL	2529	1.829

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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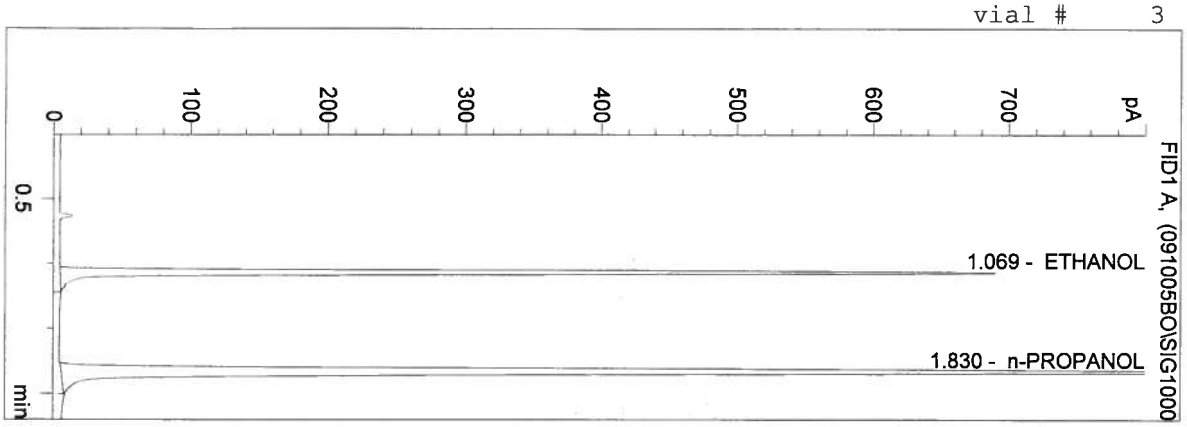
BW

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
10/5/2009 1:01:15 PM
Instrument 3
db-alc2

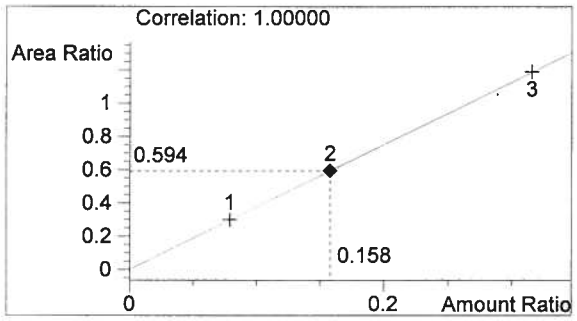
0.158 CAL 2
Brianne E. O'Reilly

vial # 3

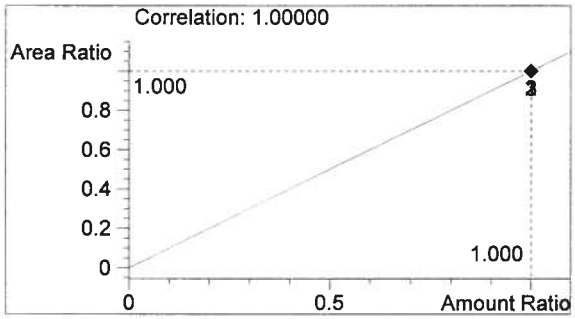


#	Compound	Area	RT
1	ETHANOL	1517	1.069
2	n-PROPANOL	2557	1.830

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

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BW

WASHINGTON STATE TOXICOLOGY LABORATORY

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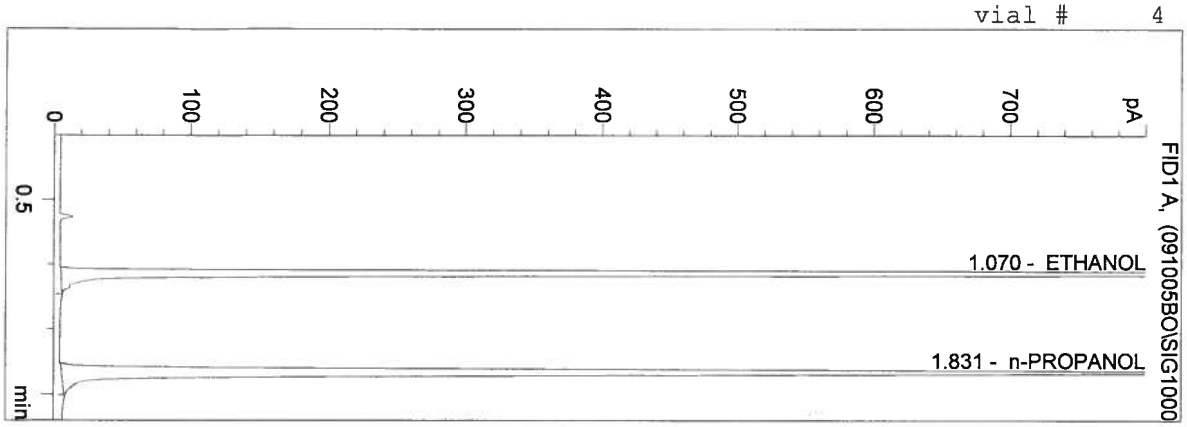
Instrument 3
db-alc2

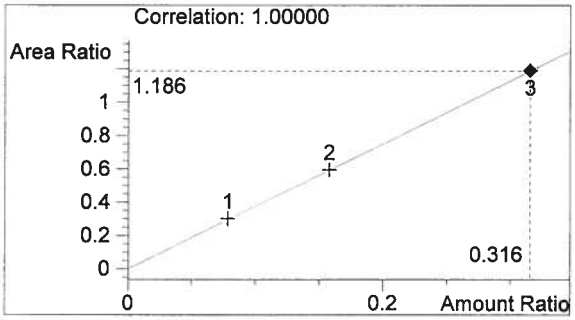
0.316 CAL 3
Brianne E. O'Reilly

vial # 4

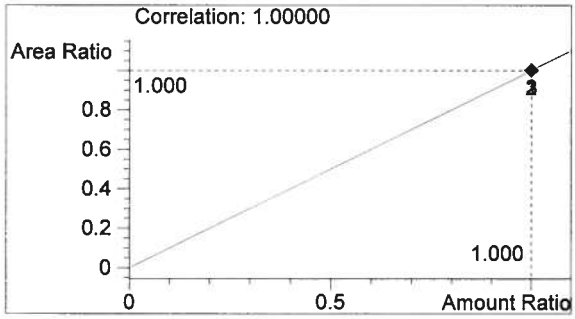


#	Compound	Area	RT
1	ETHANOL	3035	1.070
2	n-PROPANOL	2558	1.831

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

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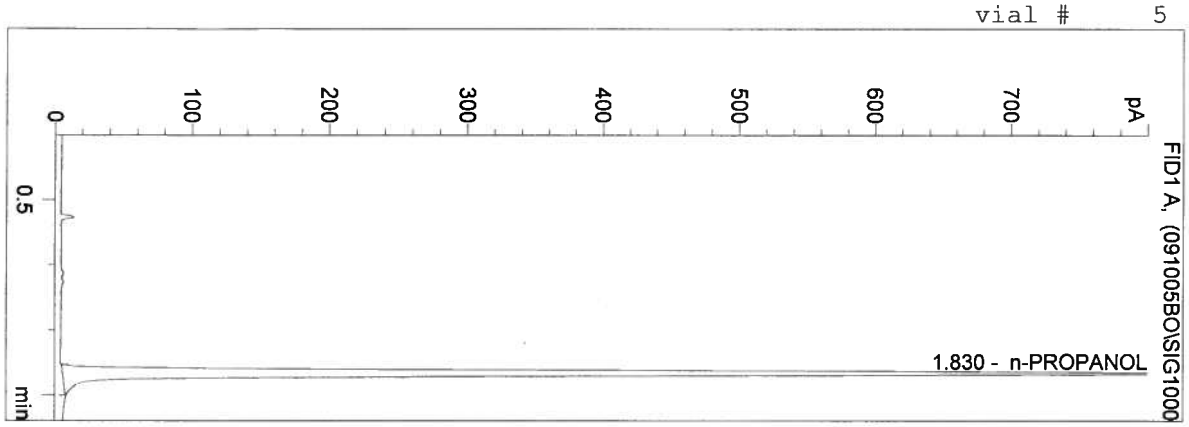
Instrument 3
db-alc2

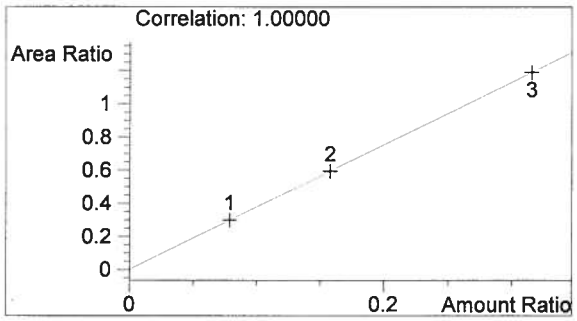
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 5

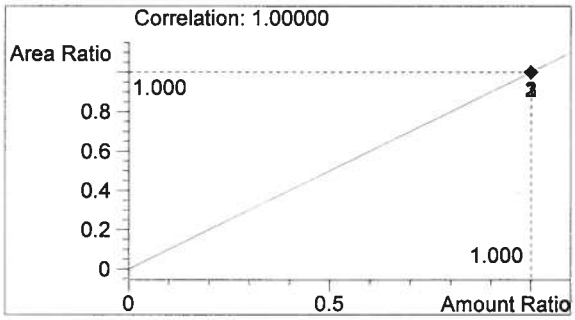


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2433	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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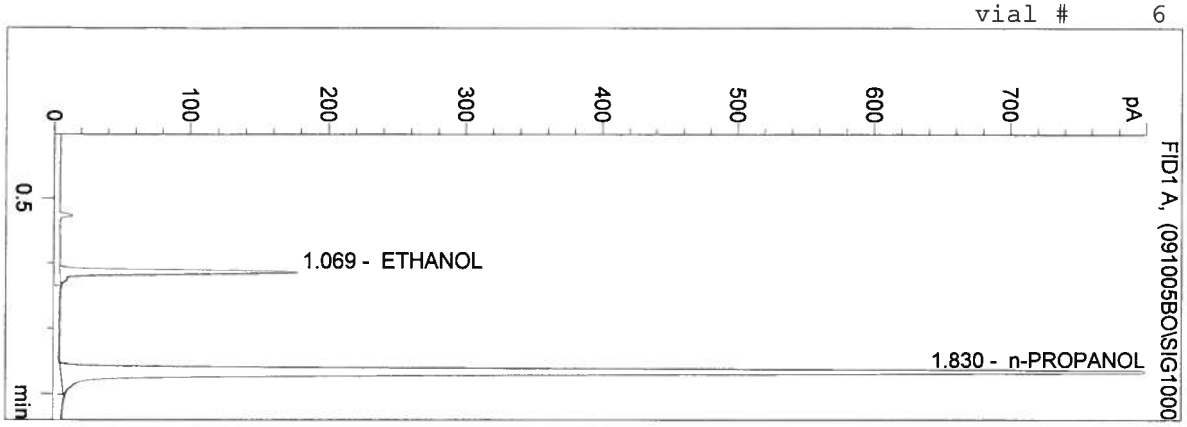
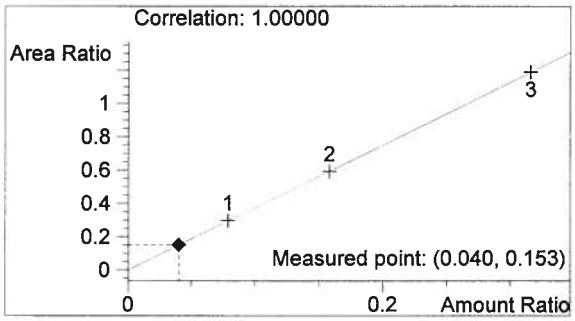
Instrument 3
db-alc2

0.04 CONTROL-BO
Brianne E. O'Reilly

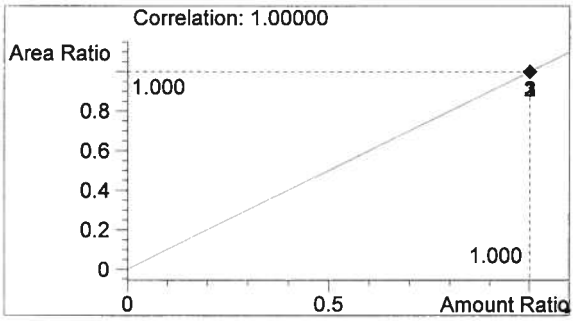
vial # 6



#	Compound	Area	RT
1	ETHANOL	386	1.069
2	n-PROPANOL	2530	1.830
Totals:			



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

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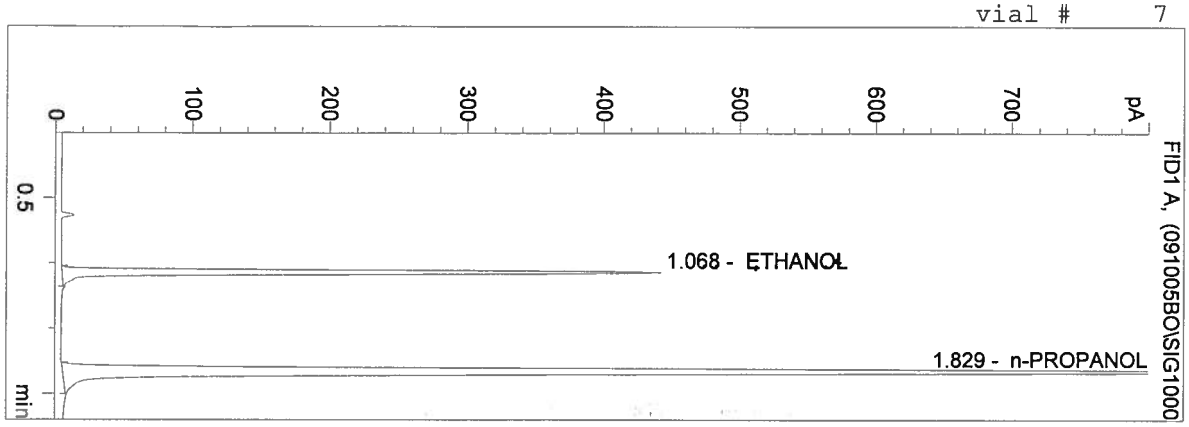
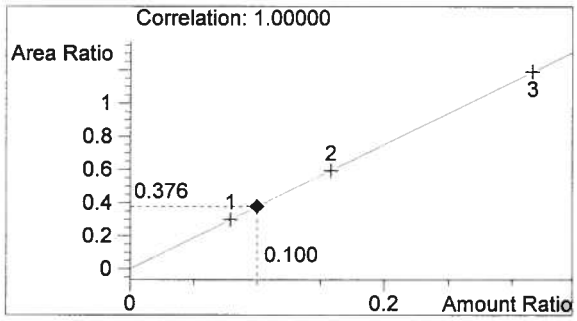
Instrument 3
db-alc2

0.10 CONTROL-BO
Brianne E. O'Reilly

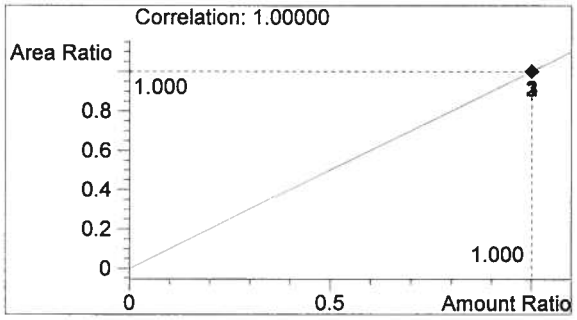
vial # 7



#	Compound	Area	RT
1	ETHANOL	969	1.068
2	n-PROPANOL	2576	1.829
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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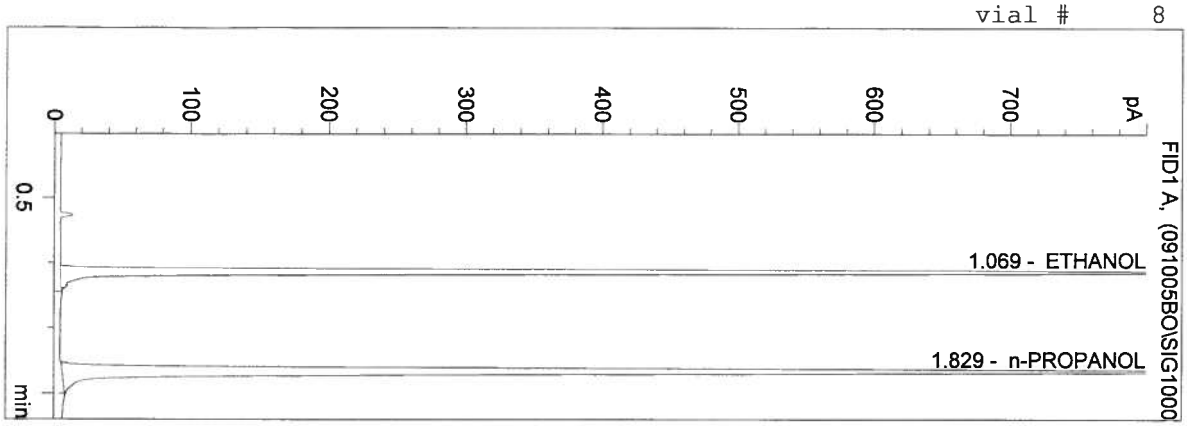
Instrument 3
db-alc2

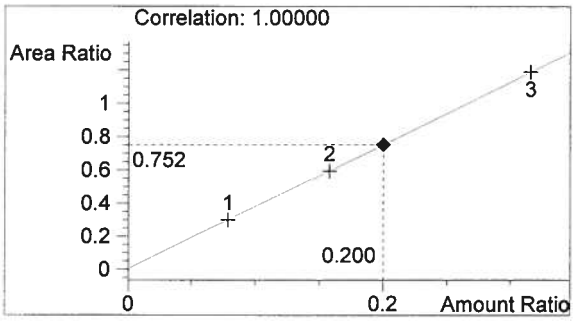
0.20 CONTROL-BO
Brianne E. O'Reilly

vial # 8

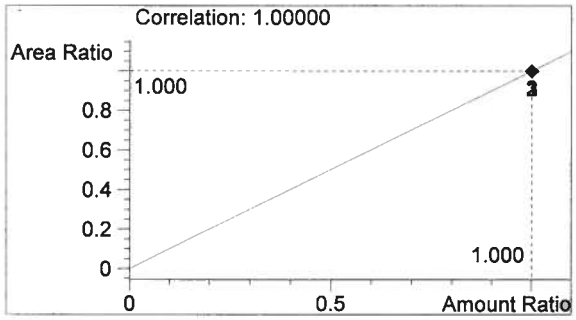


#	Compound	Area	RT
1	ETHANOL	1925	1.069
2	n-PROPANOL	2558	1.829

Totals:



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

09046

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WASHINGTON STATE TOXICOLOGY LABORATORY

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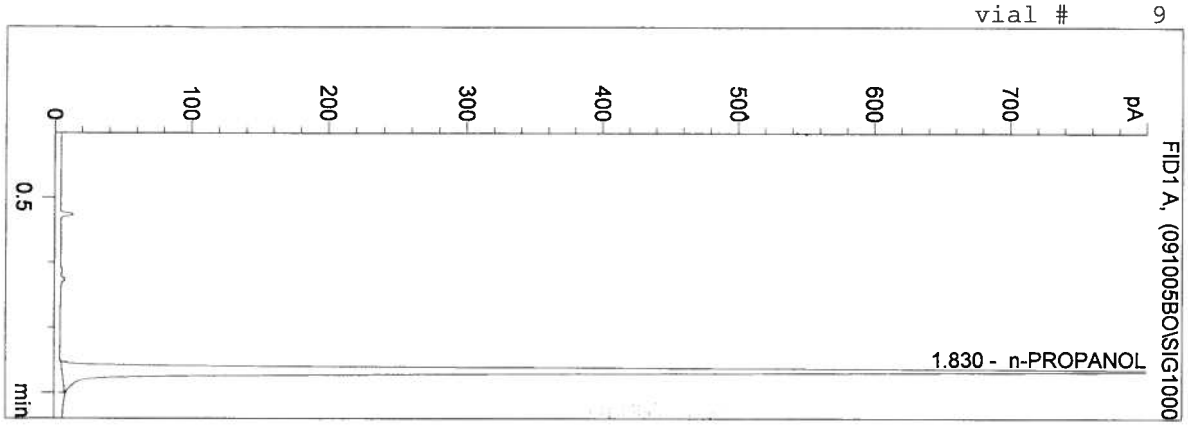
Instrument 3
db-alc2

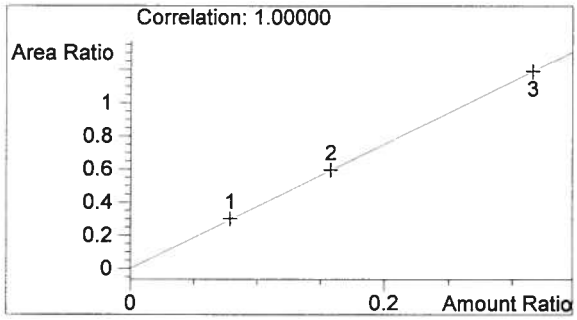
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 9

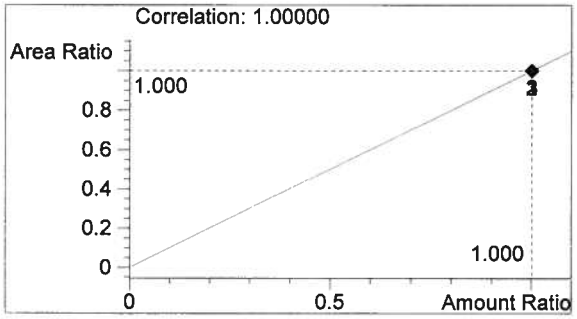


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2447	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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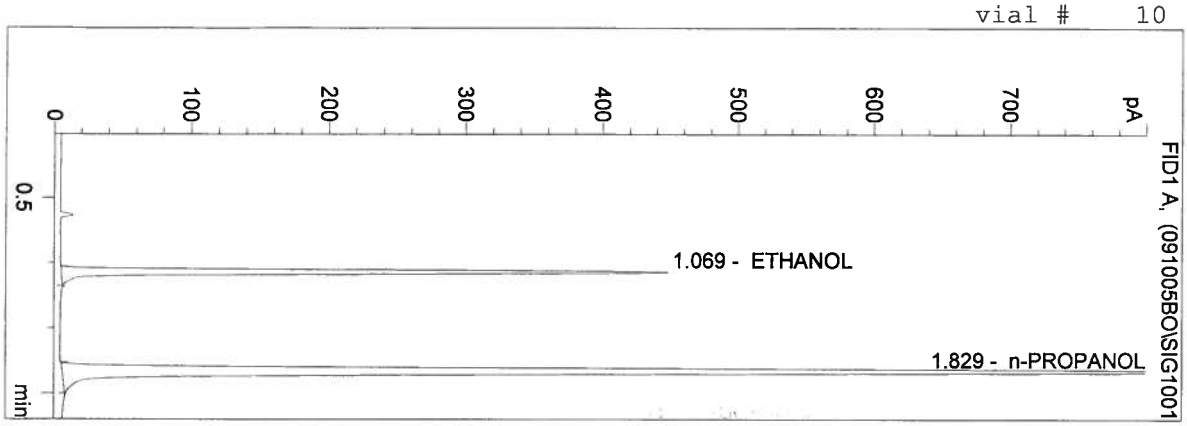
Instrument 3
db-alc2

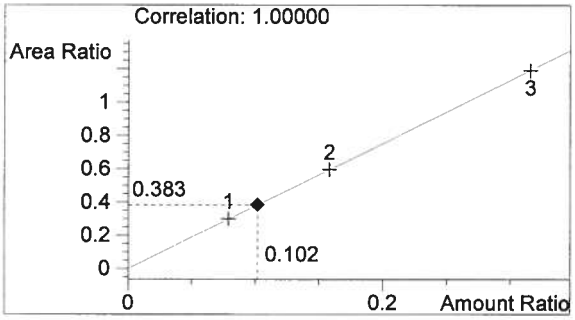
09046 #1
Brianne E. O'Reilly

vial # 10

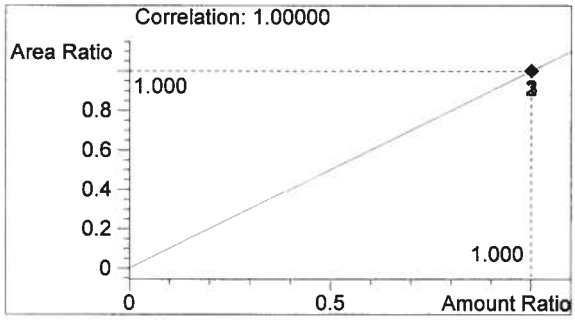


#	Compound	Area	RT
1	ETHANOL	978	1.069
2	n-PROPANOL	2555	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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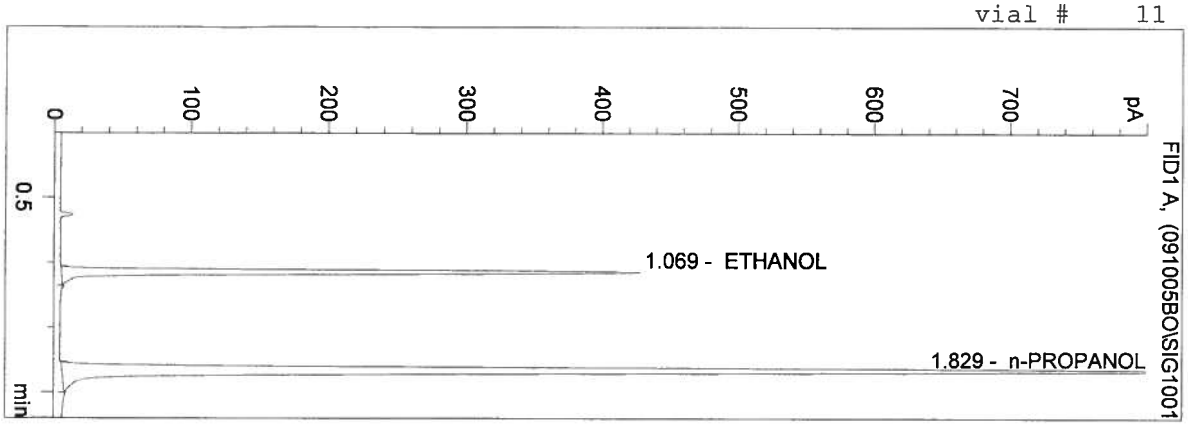
Instrument 3
db-alc2

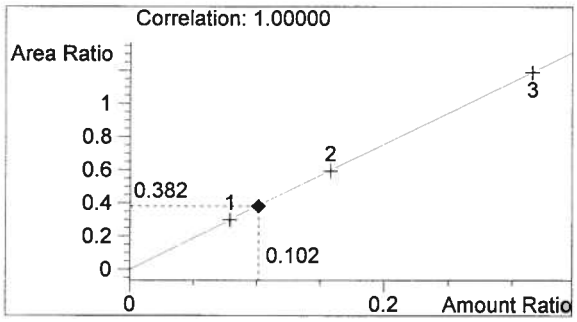
09046 #2
Brianne E. O'Reilly

vial # 11

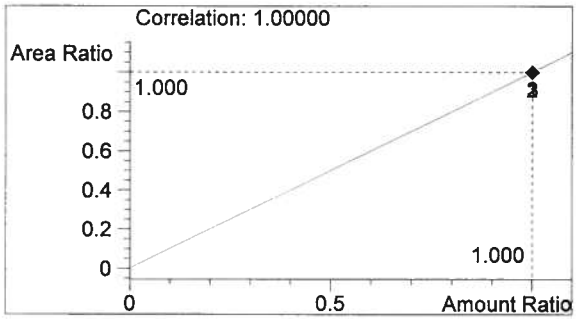


#	Compound	Area	RT
1	ETHANOL	935	1.069
2	n-PROPANOL	2449	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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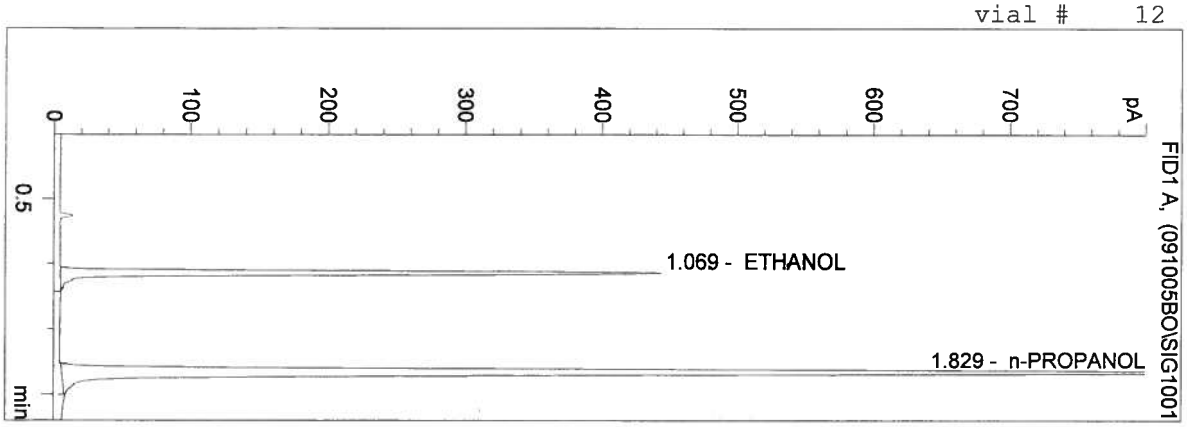
Instrument 3
db-alc2

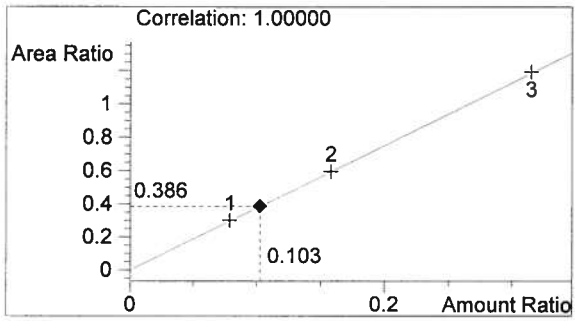
09046 #3
Brianne E. O'Reilly

vial # 12

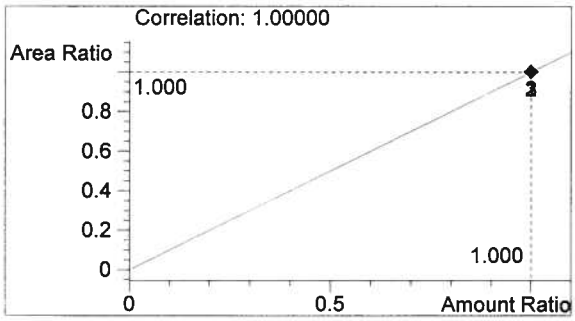


#	Compound	Area	RT
1	ETHANOL	974	1.069
2	n-PROPANOL	2526	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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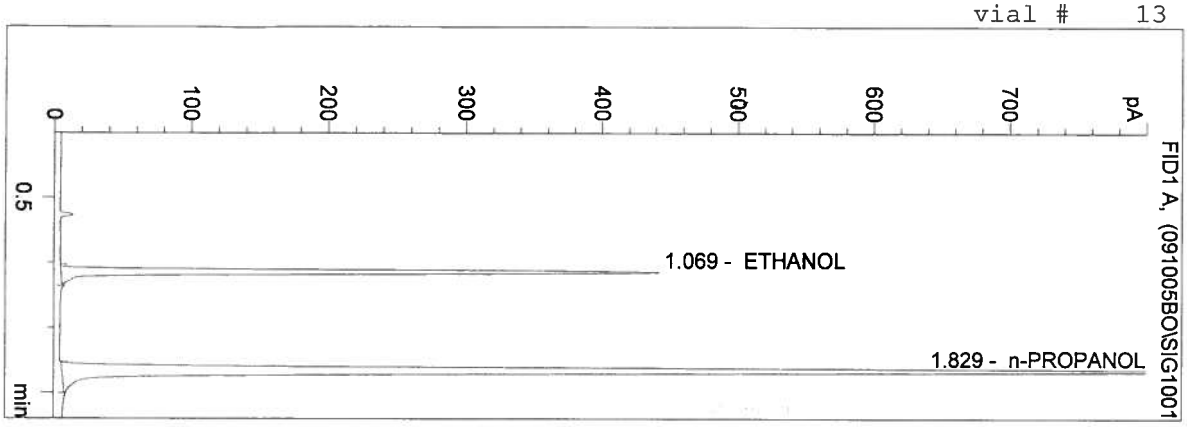
Instrument 3
db-alc2

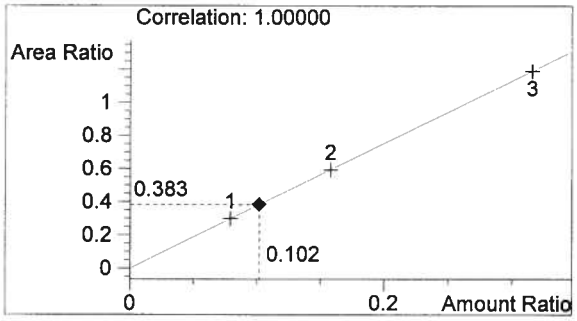
09046 #4
Brianne E. O'Reilly

vial # 13

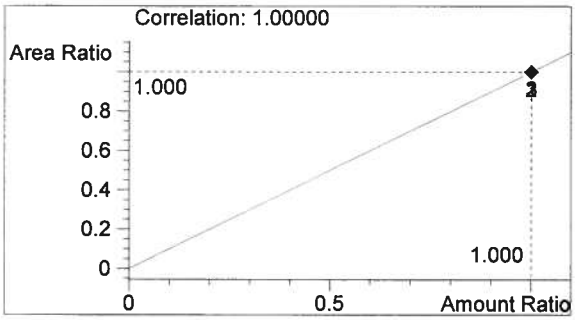


#	Compound	Area	RT
1	ETHANOL	969	1.069
2	n-PROPANOL	2533	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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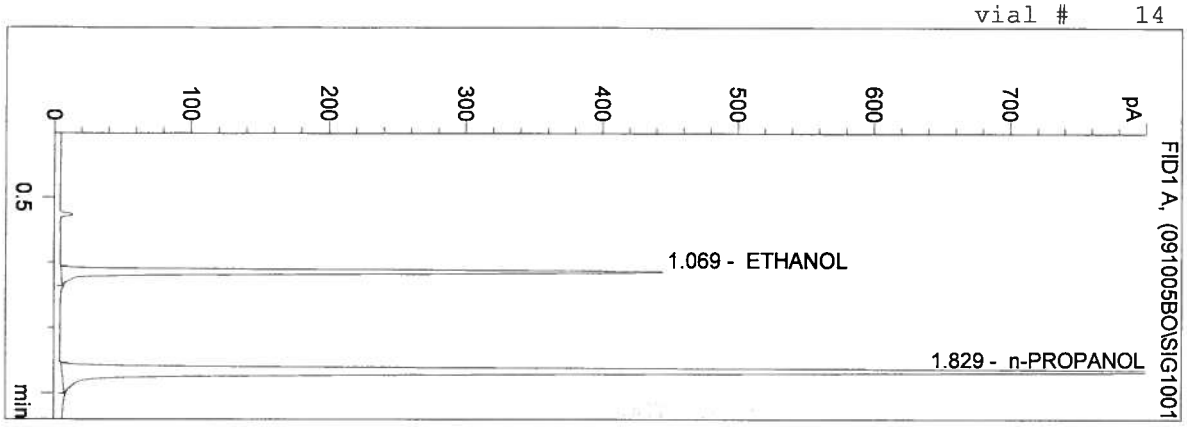
Instrument 3
db-alc2

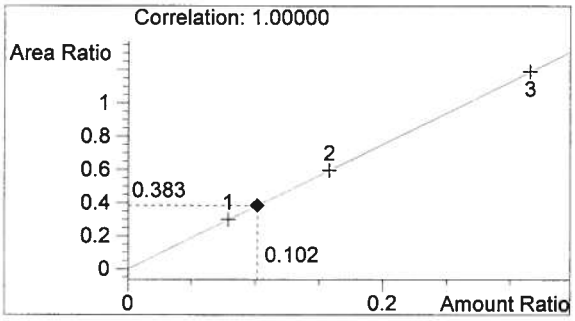
09046 #5
Brianne E. O'Reilly

vial # 14

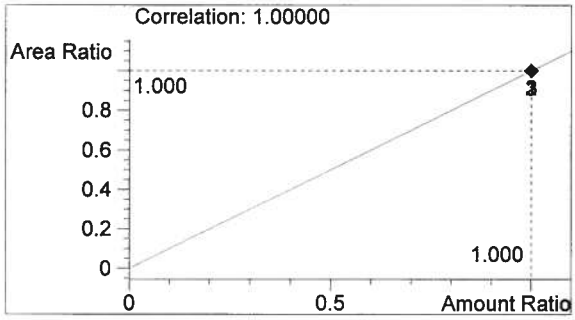


#	Compound	Area	RT
1	ETHANOL	970	1.069
2	n-PROPANOL	2534	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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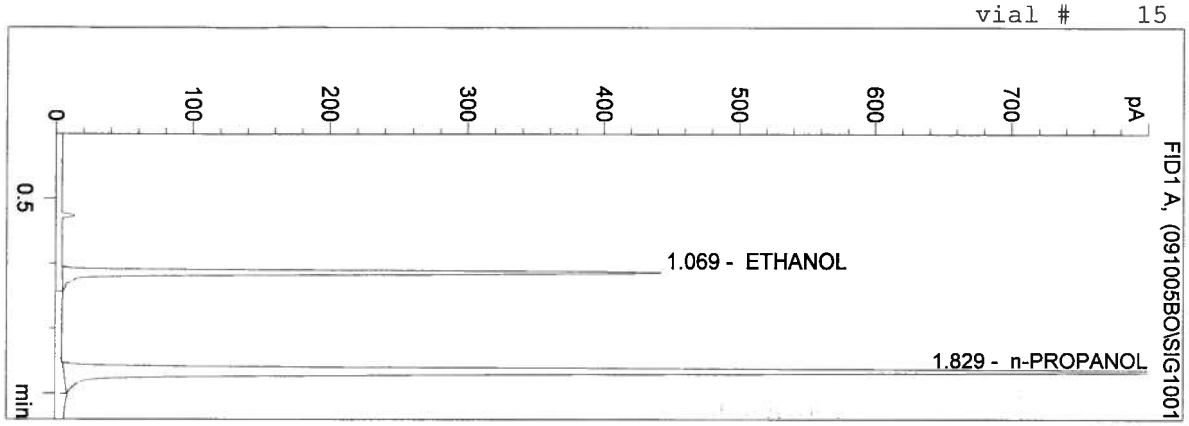
Instrument 3
db-alc2

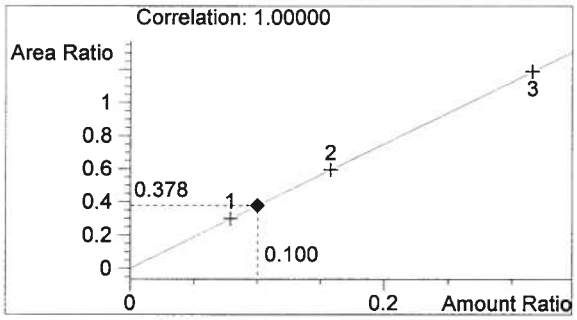
0.10 CONTROL-BO
Brianne E. O'Reilly

vial # 15

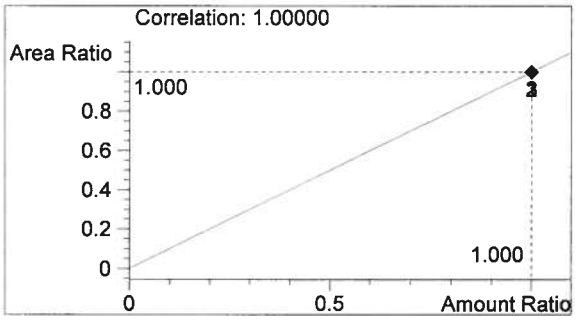


#	Compound	Area	RT
1	ETHANOL	973	1.069
2	n-PROPANOL	2575	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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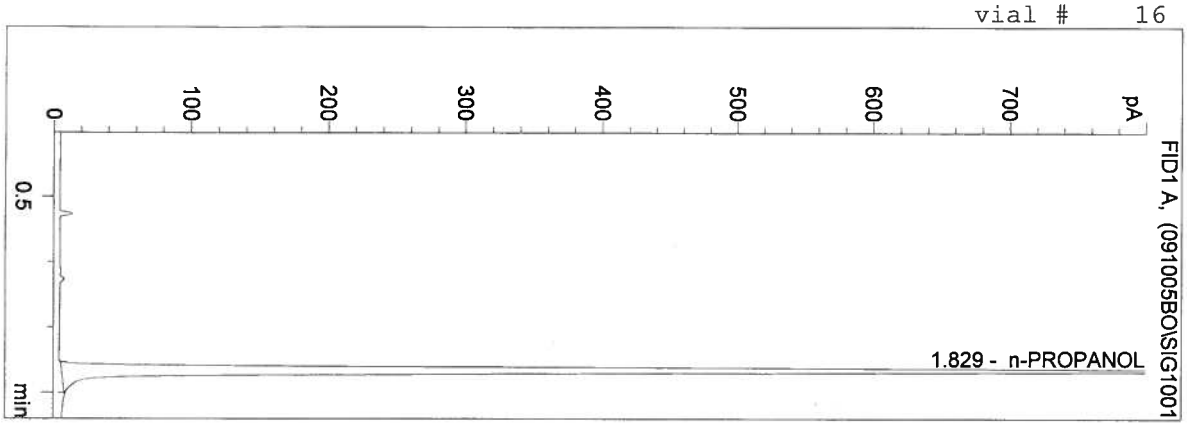
Instrument 3
db-alc2

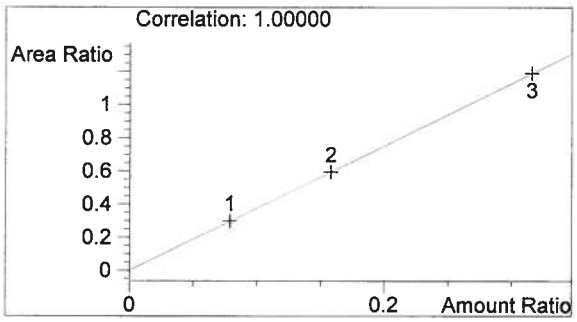
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 16

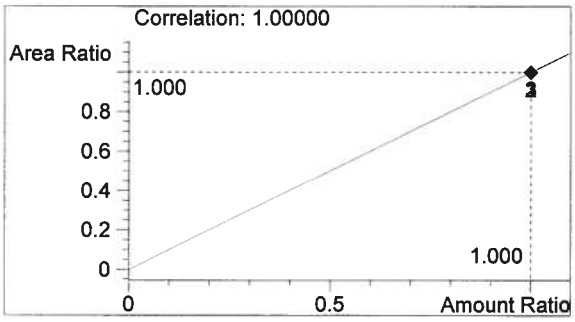


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2623	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09046

BLO

Washington State Patrol Toxicology Laboratory Division

EXTERNAL STANDARD SOLUTION PREPARATION WORKSHEET

Batch #: 09046

Preparer: GA

Date Prepared: 9/22/2009

Expiration Date: 9/22/2010

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

Date 200 Proof Ethanol Opened: 9/10/2009
(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 ☑ 9/22/2009
Date

Analyst 9/22/09
Date