Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Ken Denton/Rob Sharpe **Date:** 5/14/2009

Location: FLSB H.Q. **Solution Batch Number:** 09022

	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: K.L. D **Date:** 5/14/2009

Reviewer Signature: [signature] **Date:** 5-14-09

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 09022

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: 05/11/2009
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Estuardo J. Miranda

	EJM	AL	SMS	CSJ	NN	CM	BP	LN
1	0.101	0.100	0.101	0.099	0.102	0.102	0.102	0.102
2	0.101	0.100	0.102	0.101	0.102	0.101	0.101	0.101
3	0.101	0.100	0.101	0.101	0.102	0.101	0.101	0.101
4	0.102	0.100	0.101	0.102	0.102	0.101	0.101	0.101
5	0.102	0.101	0.101	0.101	0.101	0.101	0.102	0.101
C	0.100	0.098	0.099	0.098	0.099	0.099	0.099	0.098

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1012 g/100mL
STANDARD DEVIATION: 0.00070
PRECISION CV (%): 0.69
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0822 g/210L**
ESTIMATED UNCERTAINTY: 0.0015

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton — Forensic Scientist Supervisor

5-18-09
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
EJM	Estuardo J. Miranda		05/11/2009
AL	Asa Louis		05/11/2009
SMS	Sarah M. Swenson		05/11/2009
CSJ	Christopher S. Johnston		05/11/2009
NN	Naziha Nuwayhid		05/11/2009
CM	Christie Mitchell		05/12/2009
BP	Brianna Peterson	Brianna Peterson	05/12/2009
LN	Lisa Noble	Lisa Noble	05/12/2009

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.

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the certificate
3) Signed the certificate

	Initials	Date
Amanda Black		
Asa Louis	[illegible]	20090514
Brian Capron		
Brianna Peterson	BP	5/14/09
Brianne Akins		
Brittany Ball		
Christie Mitchell	CM	5/14/09
Christopher Johnston	CJ	5/14/09
Estuardo Miranda	EM	5-14-09
Gwynyth Scherperel		
Justin Knoy		
Lisa Noble	LN	5/14/09
Melissa Pemberton		
Naziha Nuwayhid	NN	5/14/09
Rebecca Flaherty		
Sarah Swenson	SMS	5/14/09

ESS 09022

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 09022

I, Estuardo J. Miranda, 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 of Science in Chemistry, Master of Science in Zoology and ten years experience in Forensic Toxicology.

The external standard solution, Lot Number 09022, was prepared in the Washington State Toxicology Laboratory on 5/11/2009. 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 5/11/2010.

Seattle, WA

E Miranda 5-14-2009

Estuardo J. Miranda Date

Forensic Toxicologist

EM/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09022

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 09022, was prepared in the Washington State Toxicology Laboratory on 5/11/2009. 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 5/11/2010.

Seattle, WA

20090514

Asa J. Louis Date

Forensic Toxicologist

AJL/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09022

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 09022, was prepared in the Washington State Toxicology Laboratory on 5/11/2009. 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 5/11/2010.

Seattle, WA

5/14/09

Sarah M. Swenson — Date

Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09022

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 09022, was prepared in the Washington State Toxicology Laboratory on 5/11/2009. 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 5/11/2010.

Seattle, WA

5/14/09

Christopher S. Johnston — Date
Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09022

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 09022, was prepared in the Washington State Toxicology Laboratory on 5/11/2009. 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 5/11/2010.

Seattle, WA

5/14/09

Naziha Nuwayhid Date
Forensic Toxicologist

NN/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09022

I, Christie Mitchell, do certify under penalty of perjury that:

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

I possess the following qualifications: BA degree in Chemistry and MFS degree in Forensic Science.

The external standard solution, Lot Number 09022, was prepared in the Washington State Toxicology Laboratory on 5/11/2009. 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 5/11/2010.

Seattle, WA

Christie Mitchell 5/14/09

Christie Mitchell Date

Forensic Toxicologist

CM/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09022

I, Brianna Peterson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry, MS degree in Forensic Science, Ph.D. degree in Toxicology, and three years of experience in forensic toxicology.

The external standard solution, Lot Number 09022, was prepared in the Washington State Toxicology Laboratory on 5/11/2009. 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 5/11/2010.

Seattle, WA

Brianna Peterson 5/14/09

Brianna Peterson Date

Forensic Toxicologist

BP/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09022

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 09022, was prepared in the Washington State Toxicology Laboratory on 5/11/2009. 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 5/11/2010.

Seattle, WA

Lisa Noble 5/14/09

Lisa Noble Date

Forensic Toxicologist

LN/ik

Sequence Parameters:

Operator:	Estuardo J. Miranda
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:	090511EM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot #A061507 Exp 11/2012
0.10 Control Lot #A064767 Exp 04/2013
0.20 Control Lot #A064522 Exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

EM

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 EM	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 Control EM	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 Control EM	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 Control EM	SIMALC	1	Ctrl Samp		
9	Vial 9	Neg Control EM	SIMALC	1	Ctrl Samp		
10	Vial 10	Ext Std 09022-1	SIMALC	1	Sample		
11	Vial 11	Ext Std 09022-2	SIMALC	1	Sample		
12	Vial 12	Ext Std 09022-3	SIMALC	1	Sample		
13	Vial 13	Ext Std 09022-4	SIMALC	1	Sample		
14	Vial 14	Ext Std 09022-5	SIMALC	1	Sample		
15	Vial 15	0.10 Control EM	SIMALC	1	Ctrl Samp		
16	Vial 16	Neg Control EM	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!

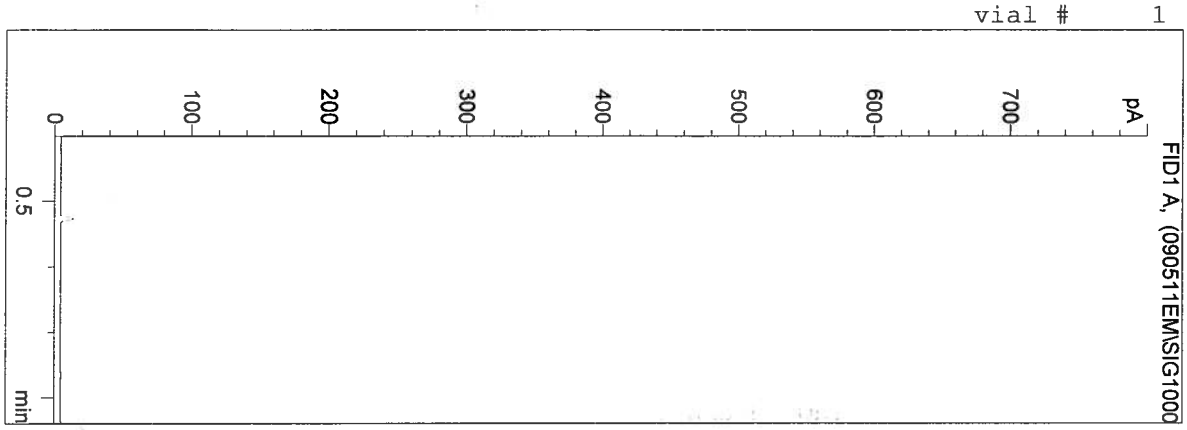
EM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 12:37:43 PM
Instrument 3
db-alc2

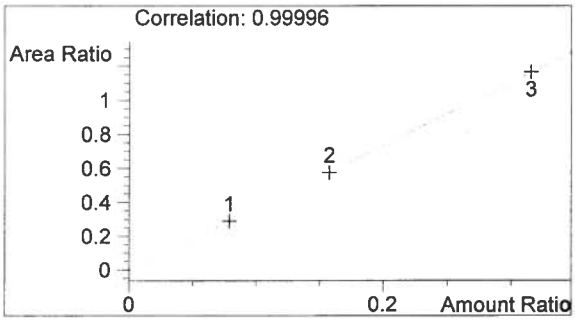
Blank
Estuardo J. Miranda

vial # 1



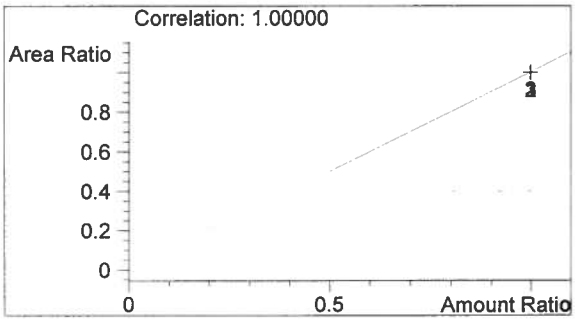
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml

EM



n-PROPANOL 0.000 g/100ml

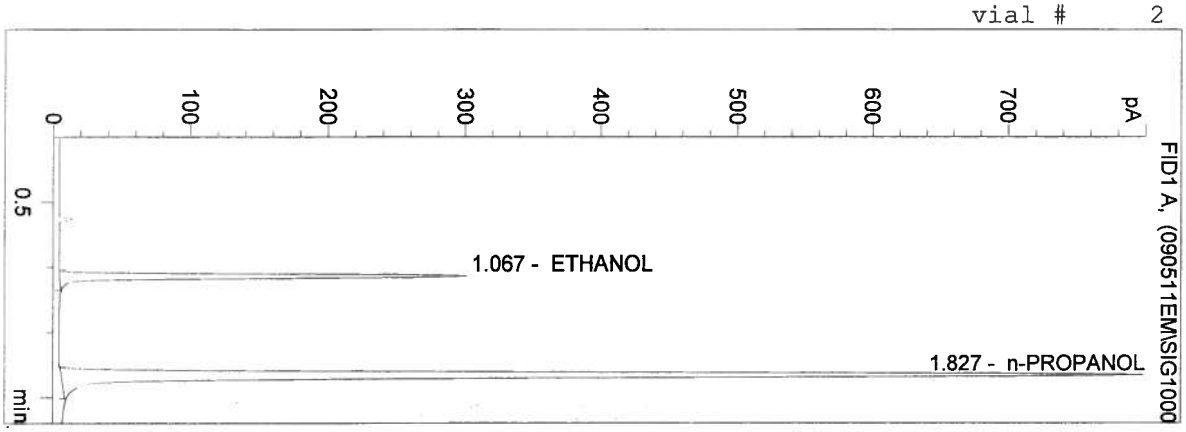
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 12:40:50 PM
Instrument 3
db-alc2

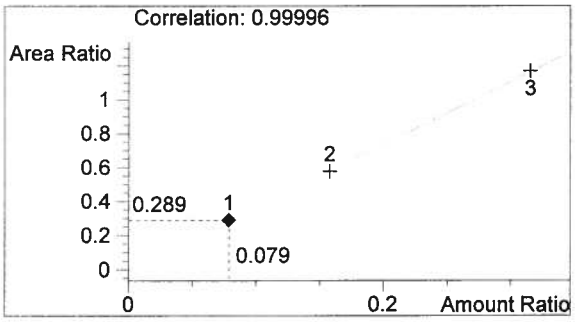
0.079 CAL 1
Estuardo J. Miranda

EM

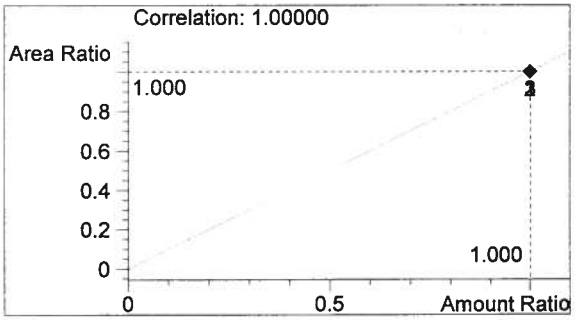
vial # 2



#	Compound	Area	RT
1	ETHANOL	667	1.067
2	n-PROPANOL	2310	1.827
Totals:			



ETHANOL 0.079 g/100ml



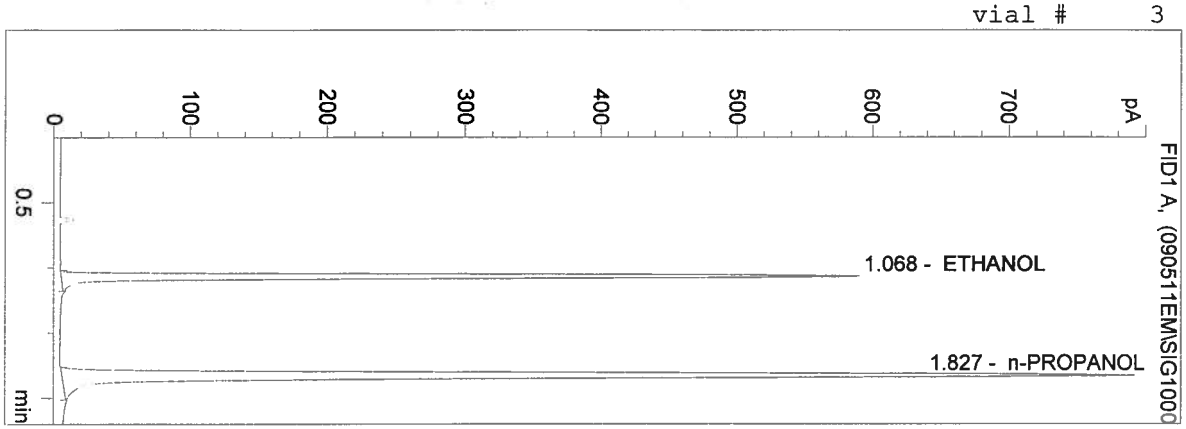
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 12:43:58 PM
Instrument 3
db-alc2

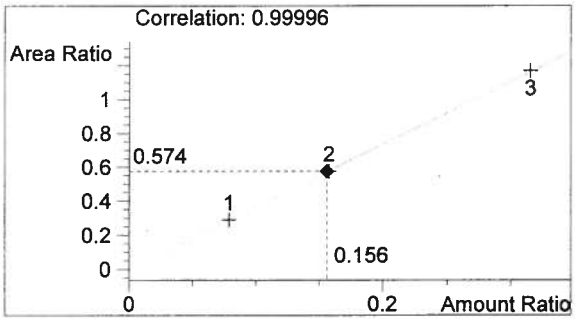
0.158 CAL 2
Estuardo J. Miranda

vial # 3

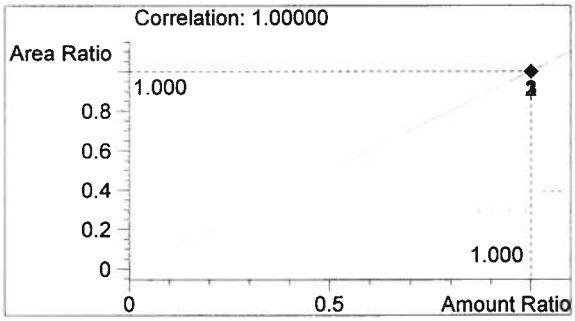


#	Compound	Area	RT
1	ETHANOL	1319	1.068
2	n-PROPANOL	2298	1.827

Totals:



ETHANOL 0.156 g/100ml



n-PROPANOL 1.000 g/100ml

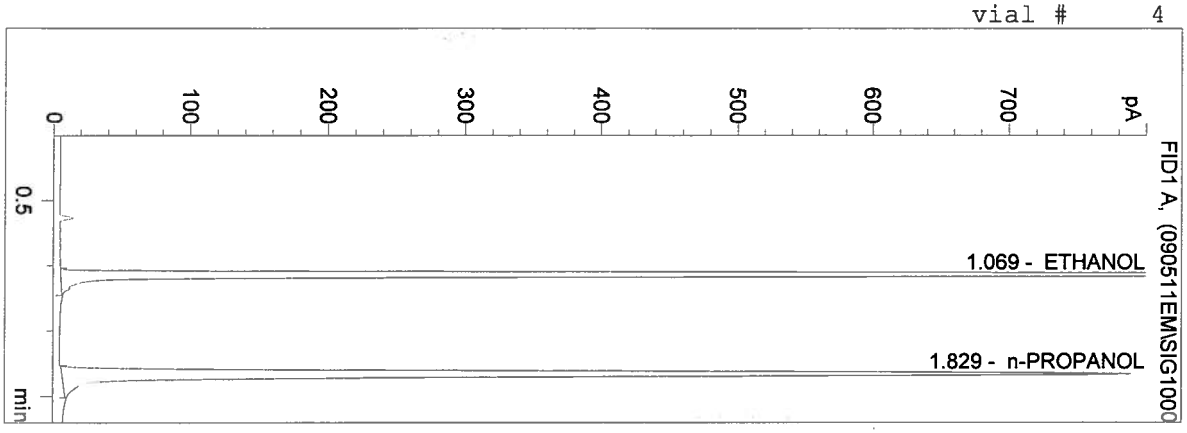
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 12:47:06 PM
Instrument 3
db-alc2

0.316 CAL 3
Estuardo J. Miranda

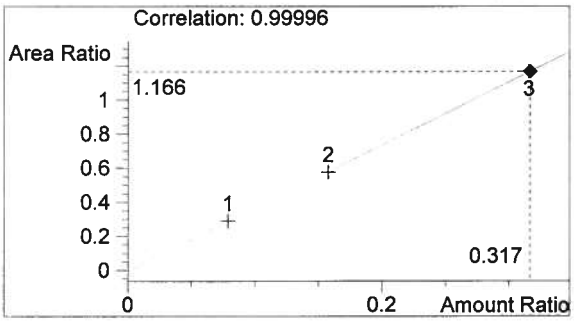
EM

vial # 4

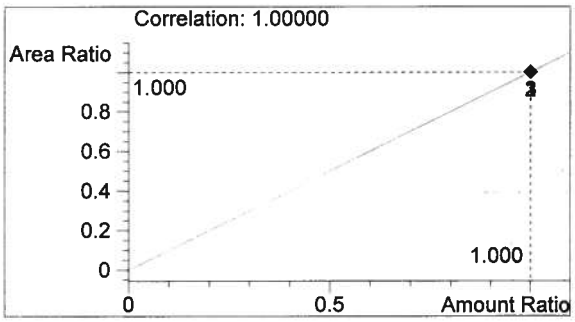


#	Compound	Area	RT
1	ETHANOL	2661	1.069
2	n-PROPANOL	2282	1.829

Totals:



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

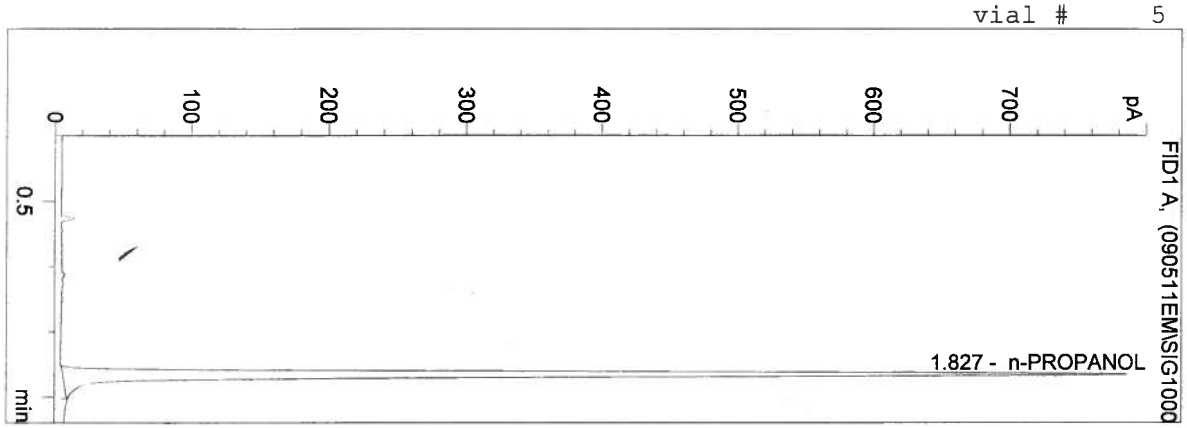
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 12:50:14 PM
Instrument 3
db-alc2

Neg Control EM
Estuardo J. Miranda

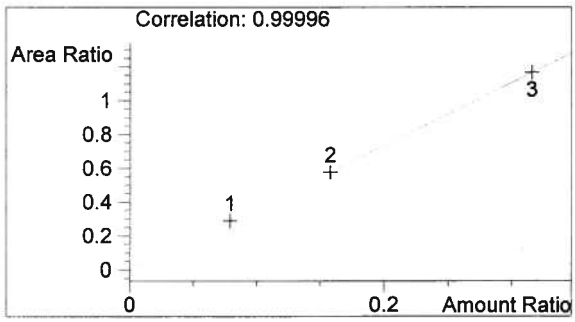
EM

vial # 5

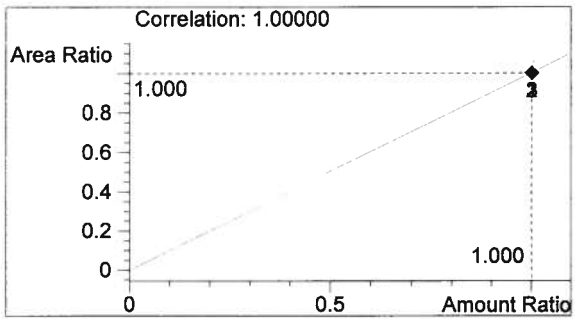


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2286	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

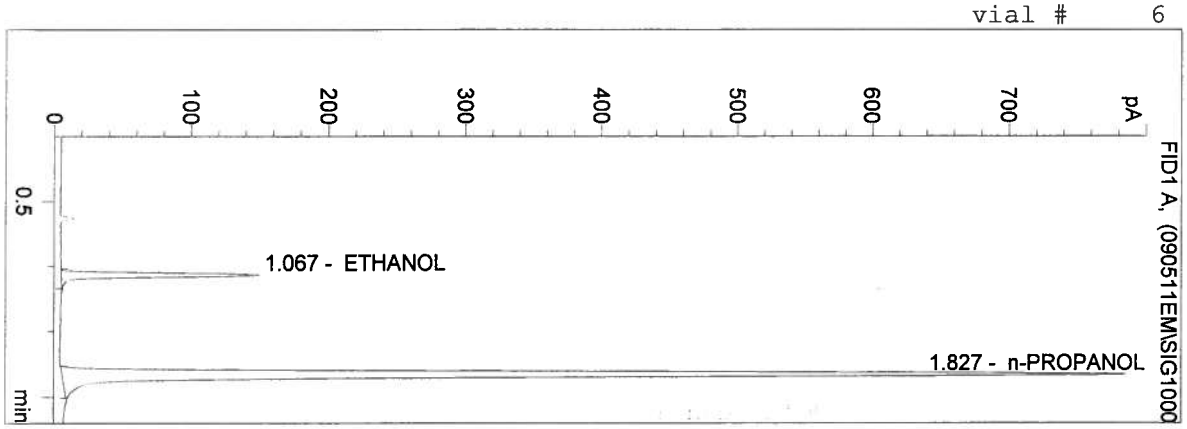
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 12:53:22 PM
Instrument 3
db-alc2

0.04 Control EM
Estuardo J. Miranda

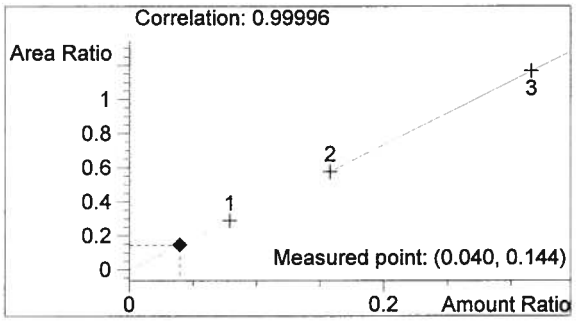
EM

vial # 6

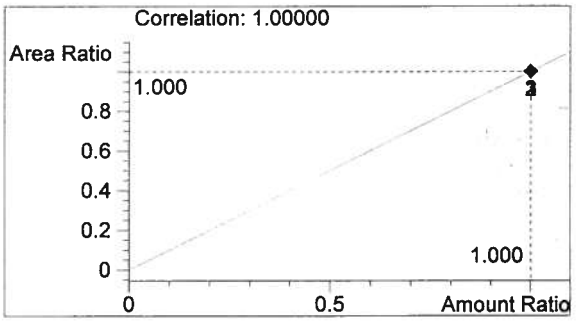


#	Compound	Area	RT
1	ETHANOL	329	1.067
2	n-PROPANOL	2276	1.827

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

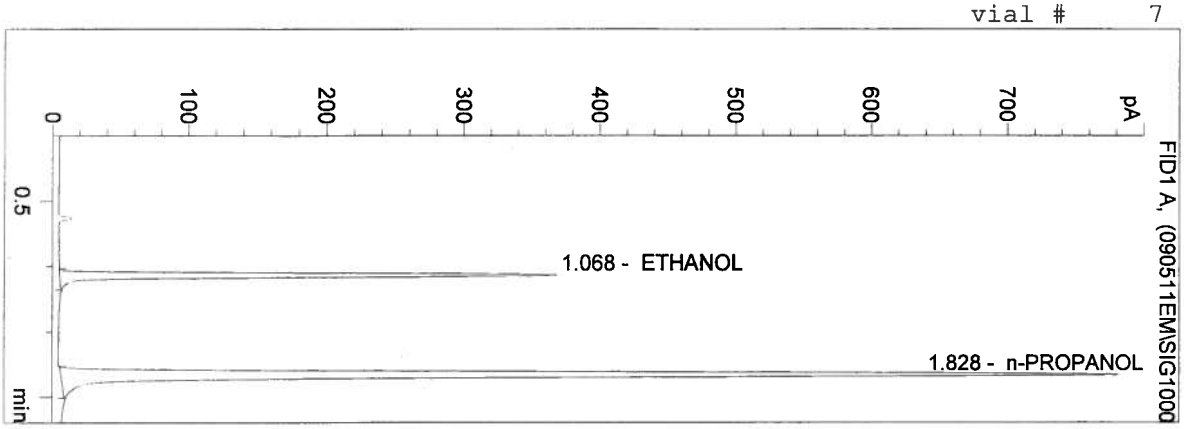
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 12:56:30 PM
Instrument 3
db-alc2

0.10 Control EM
Estuardo J. Miranda

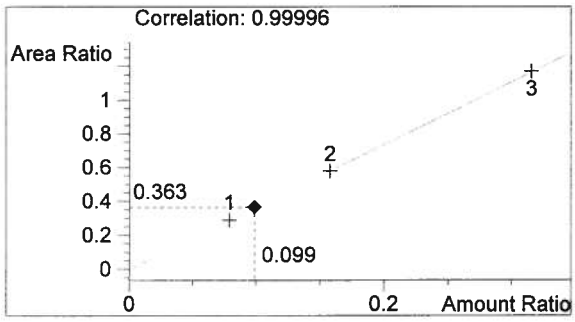
EM

vial # 7

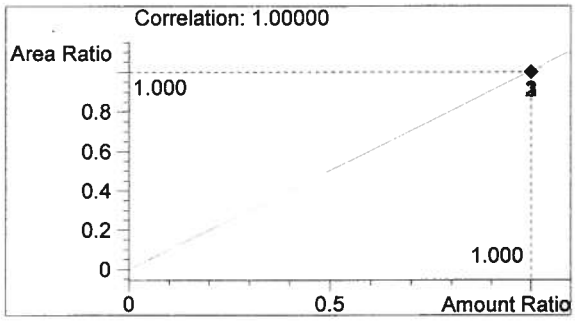


#	Compound	Area	RT
1	ETHANOL	819	1.068
2	n-PROPANOL	2260	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

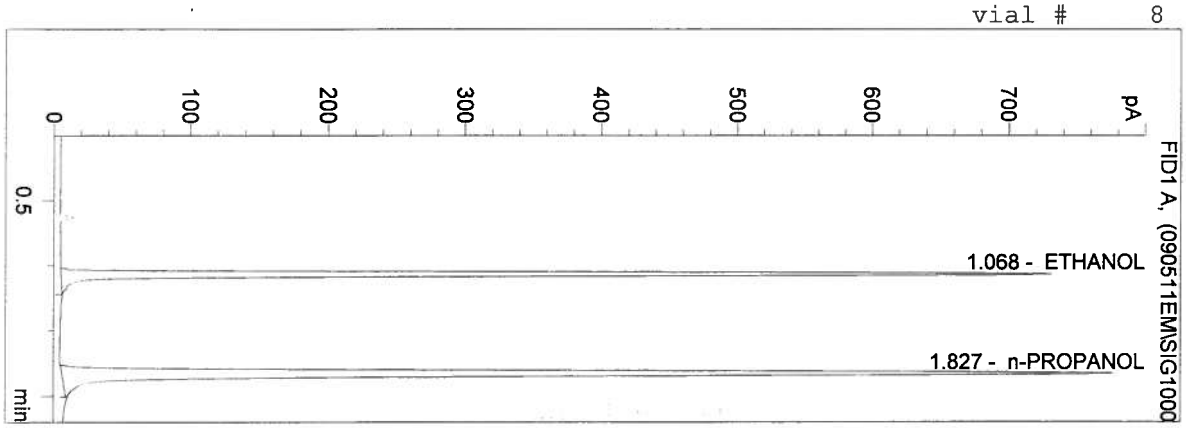
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 12:59:37 PM
Instrument 3
db-alc2

0.20 Control EM
Estuardo J. Miranda

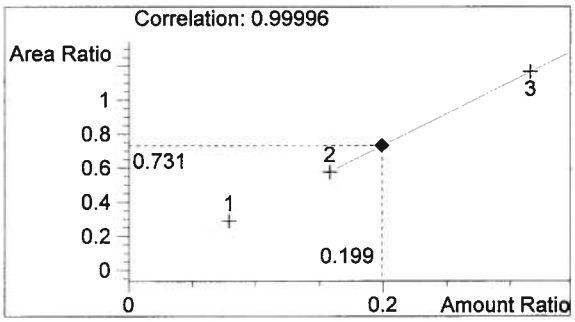
EM

vial # 8

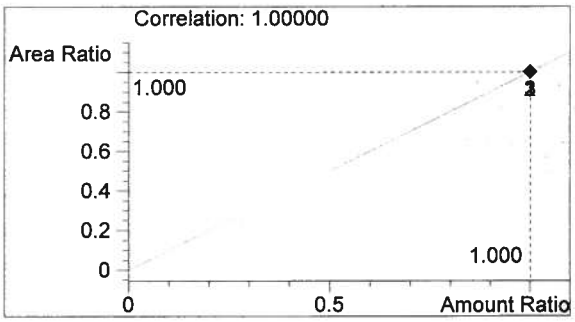


#	Compound	Area	RT
1	ETHANOL	1641	1.068
2	n-PROPANOL	2246	1.827

Totals:



ETHANOL 0.199 g/100ml



n-PROPANOL 1.000 g/100ml

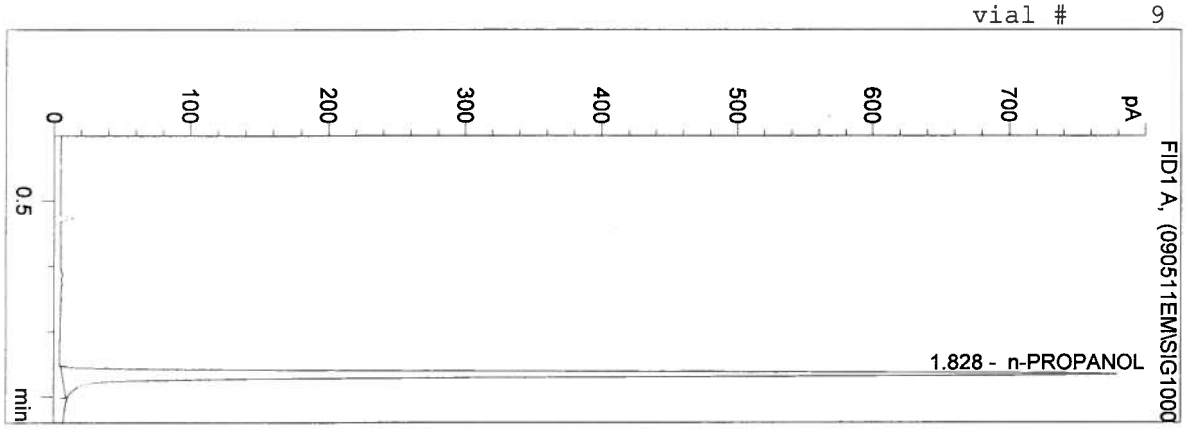
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:02:45 PM
Instrument 3
db-alc2

Neg Control EM
Estuardo J. Miranda

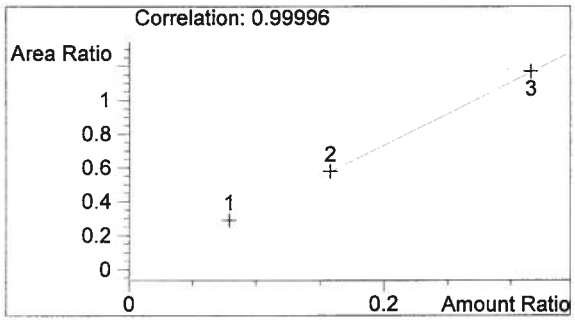
EM

vial # 9

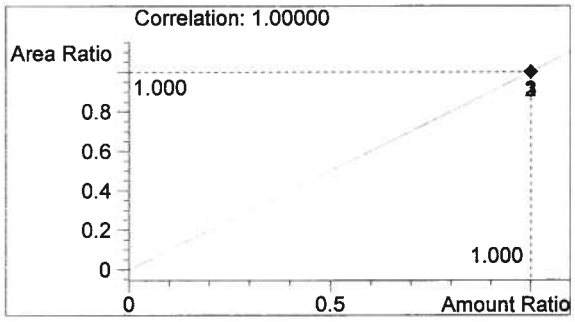


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2258	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

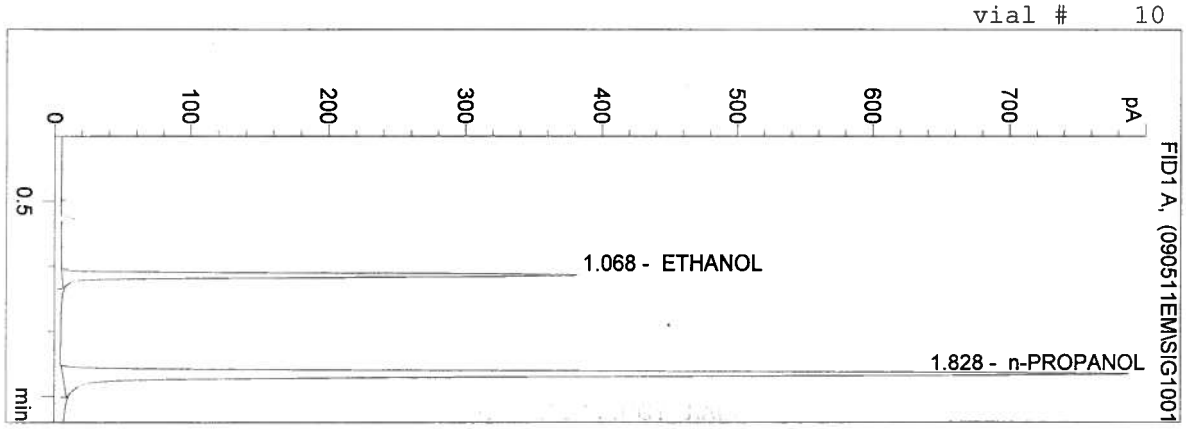
WASHINGTON STATE TOXICOLOGY LABORATORY

EM.

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:05:53 PM
Instrument 3
db-alc2

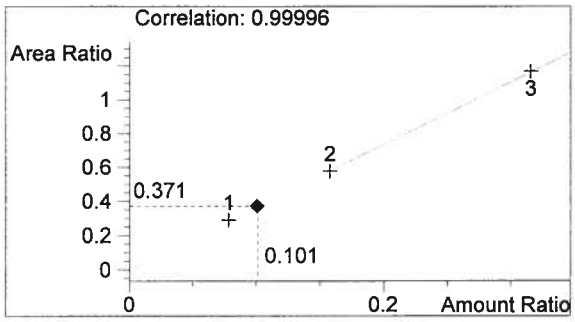
Ext Std 09022-1
Estuardo J. Miranda

vial # 10

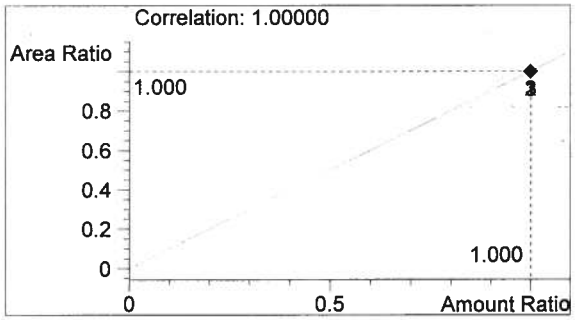


#	Compound	Area	RT
1	ETHANOL	844	1.068
2	n-PROPANOL	2276	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

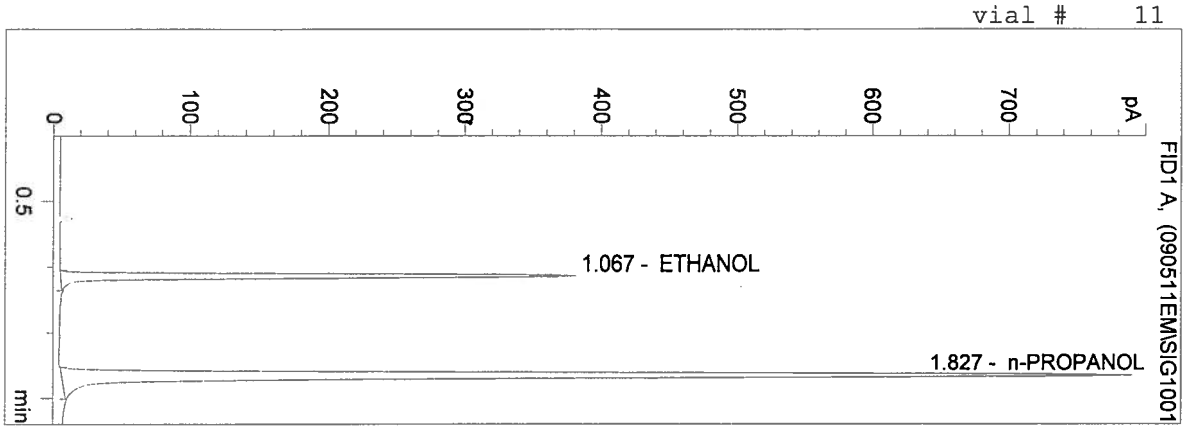
WASHINGTON STATE TOXICOLOGY LABORATORY

EM

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:09:01 PM
Instrument 3
db-alc2

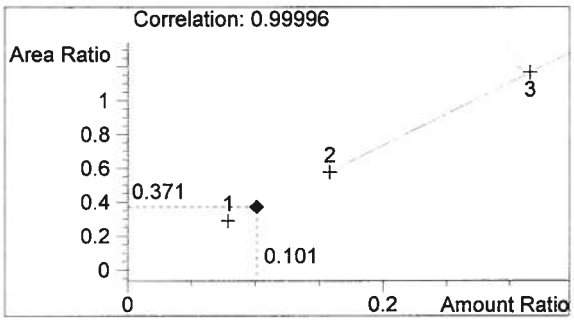
Ext Std 09022-2
Estuardo J. Miranda

vial # 11

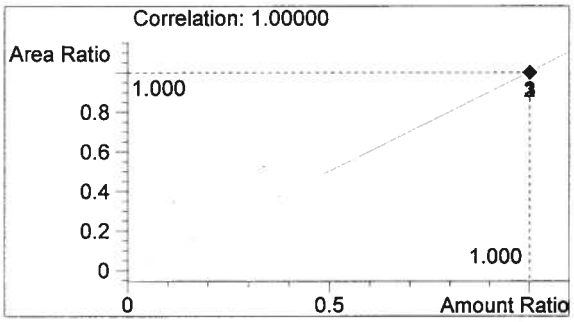


#	Compound	Area	RT
1	ETHANOL	846	1.067
2	n-PROPANOL	2284	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

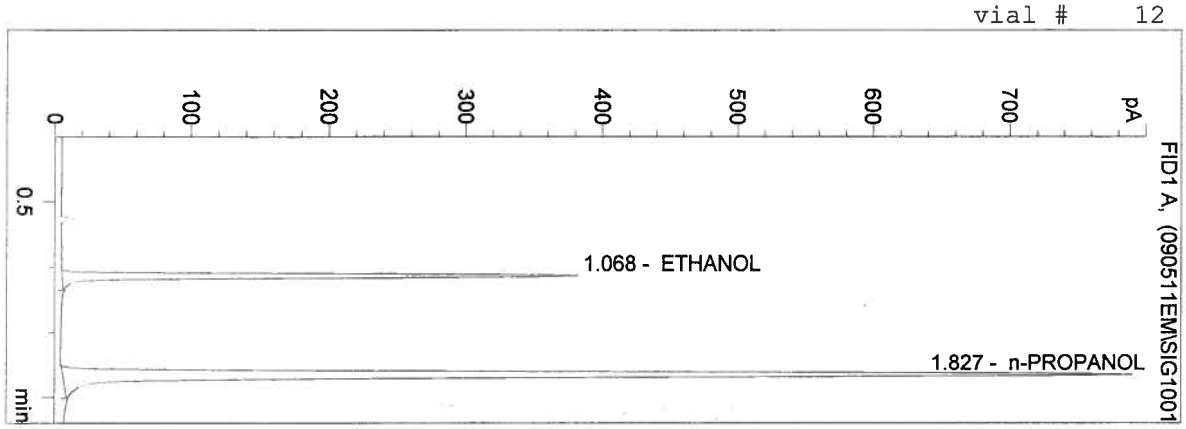
WASHINGTON STATE TOXICOLOGY LABORATORY

EM

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:12:09 PM
Instrument 3
db-alc2

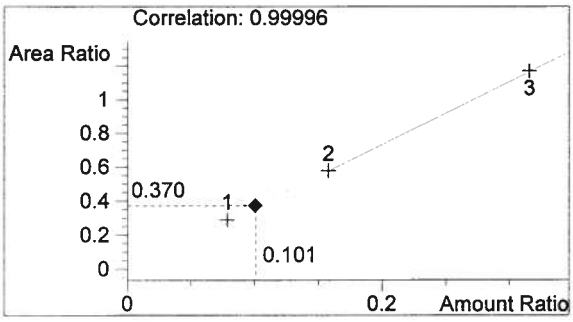
Ext Std 09022-3
Estuardo J. Miranda

vial # 12

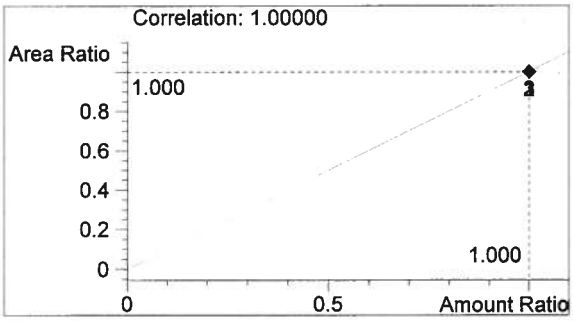


#	Compound	Area	RT
1	ETHANOL	846	1.068
2	n-PROPANOL	2285	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

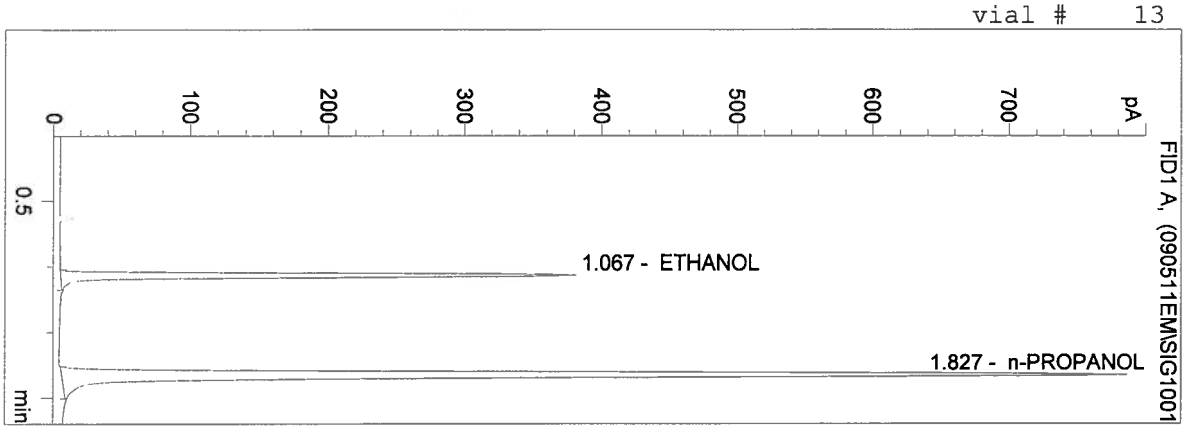
WASHINGTON STATE TOXICOLOGY LABORATORY

EM

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:15:17 PM
Instrument 3
db-alc2

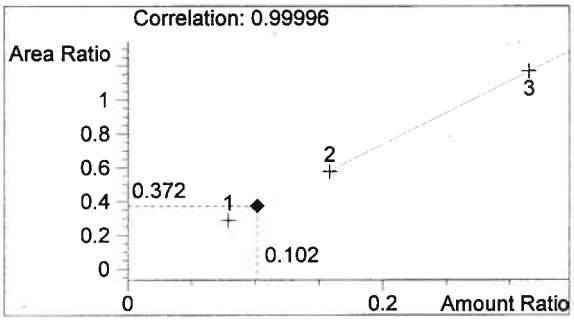
Ext Std 09022-4
Estuardo J. Miranda

vial # 13

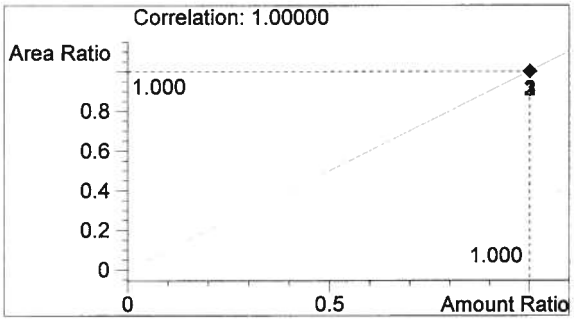


#	Compound	Area	RT
1	ETHANOL	846	1.067
2	n-PROPANOL	2272	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

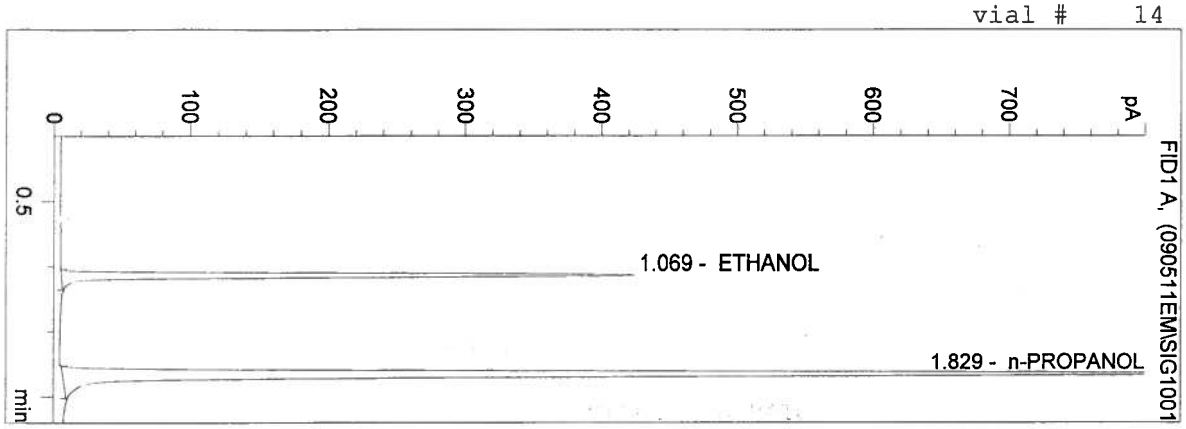
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:18:24 PM
Instrument 3
db-alc2

Ext Std 09022-5
Estuardo J. Miranda

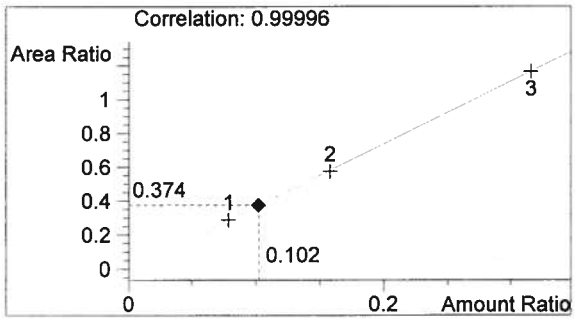
EM

vial # 14

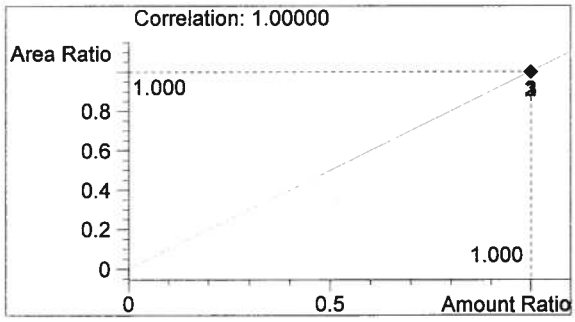


#	Compound	Area	RT
1	ETHANOL	935	1.069
2	n-PROPANOL	2498	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

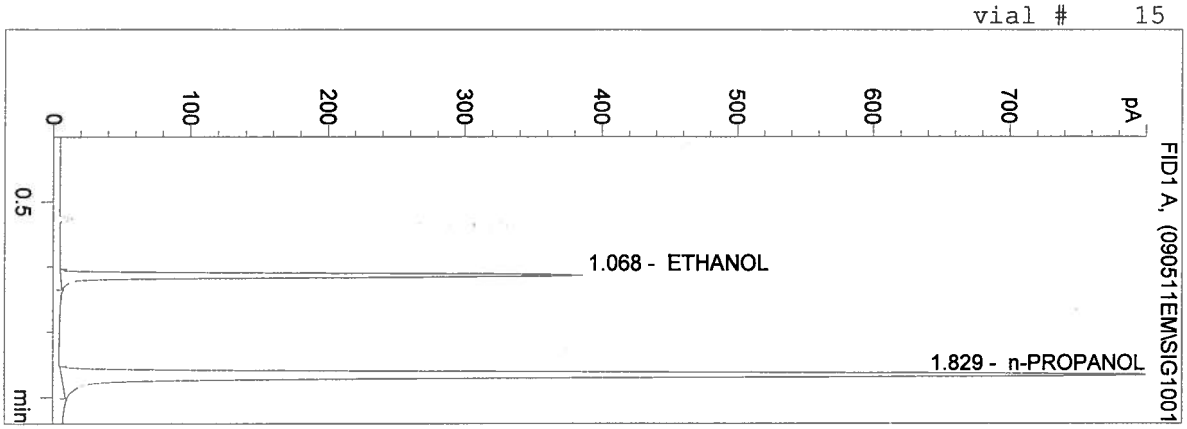
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:21:32 PM
Instrument 3
db-alc2

0.10 Control EM
Estuardo J. Miranda

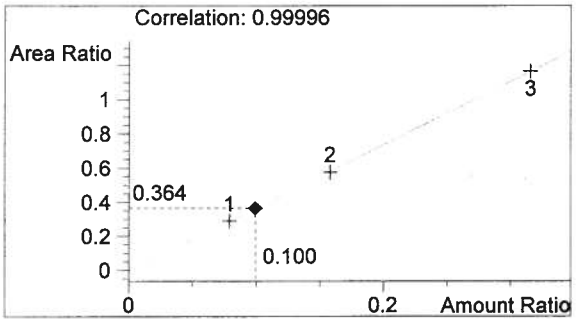
EM

vial # 15

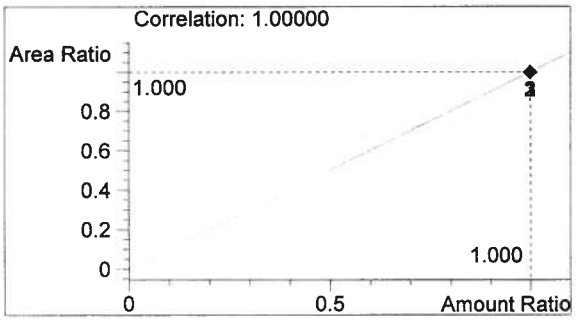


#	Compound	Area	RT
1	ETHANOL	863	1.068
2	n-PROPANOL	2367	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

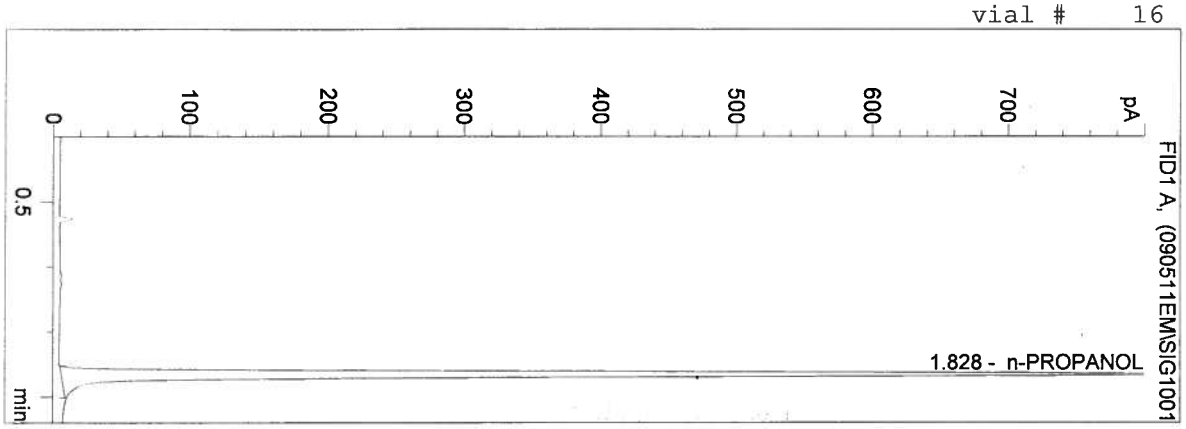
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:24:40 PM
Instrument 3
db-alc2

Neg Control EM
Estuardo J. Miranda

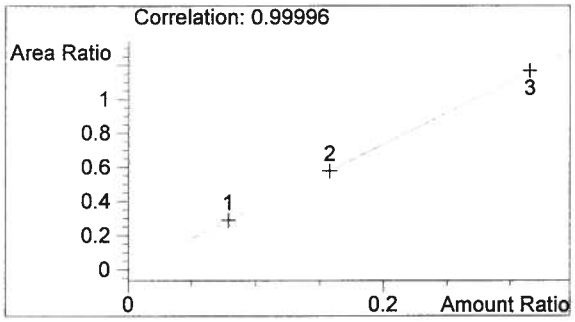
EM

vial # 16

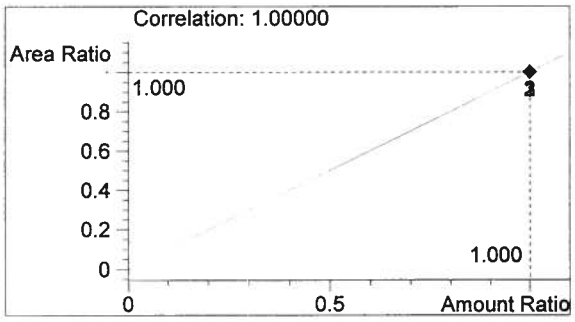


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2389	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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:	090511A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a061507 exp 11/2012
0.10 control lot# 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	09022 #1	SIMALC	1	Sample		
11	Vial 11	09022 #2	SIMALC	1	Sample		
12	Vial 12	09022 #3	SIMALC	1	Sample		
13	Vial 13	09022 #4	SIMALC	1	Sample		
14	Vial 14	09022 #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 20090511

AL 20090514

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!

AL
20090511

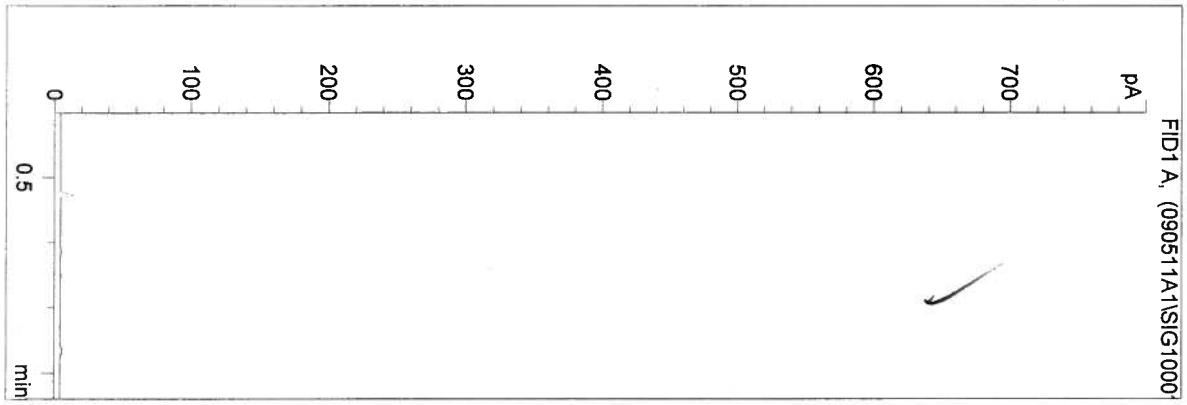
AL
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 1:58:26 PM
Instrument 3
db-alc2

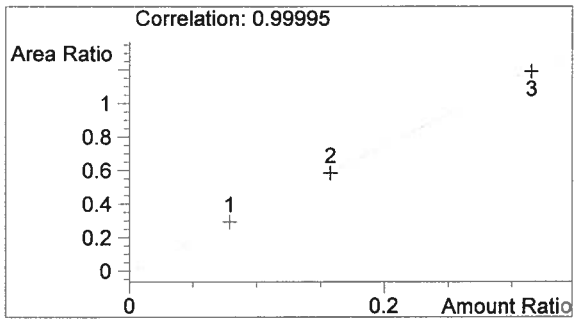
blank
asa louis

vial # 1

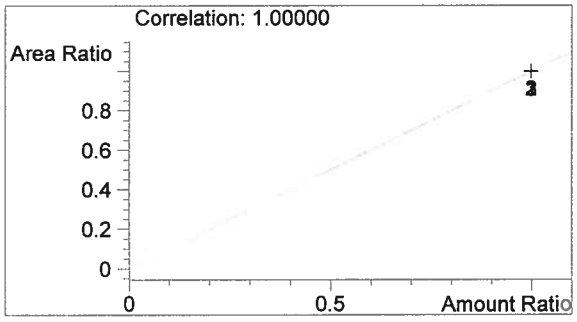


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

AL
20090511

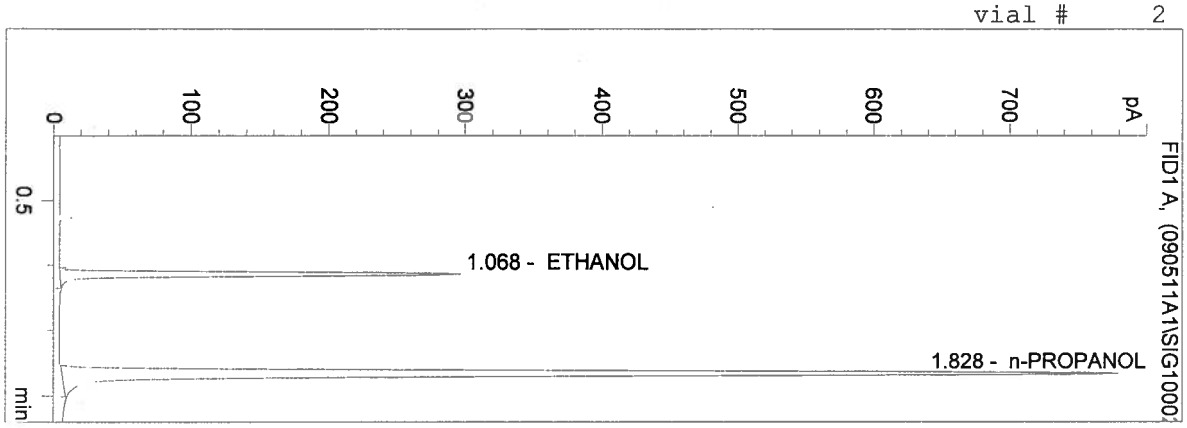
AL
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:01:34 PM
Instrument 3
db-alc2

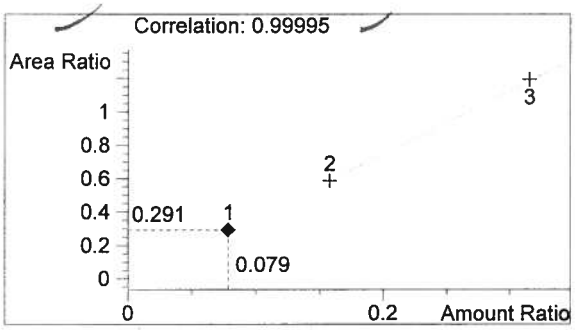
0.079 cal 1
asa louis

vial # 2

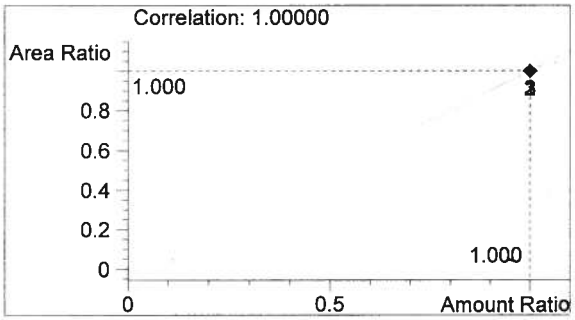


#	Compound	Area	RT
1	ETHANOL	654	1.068
2	n-PROPANOL	2245	1.828

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

AK
20090511

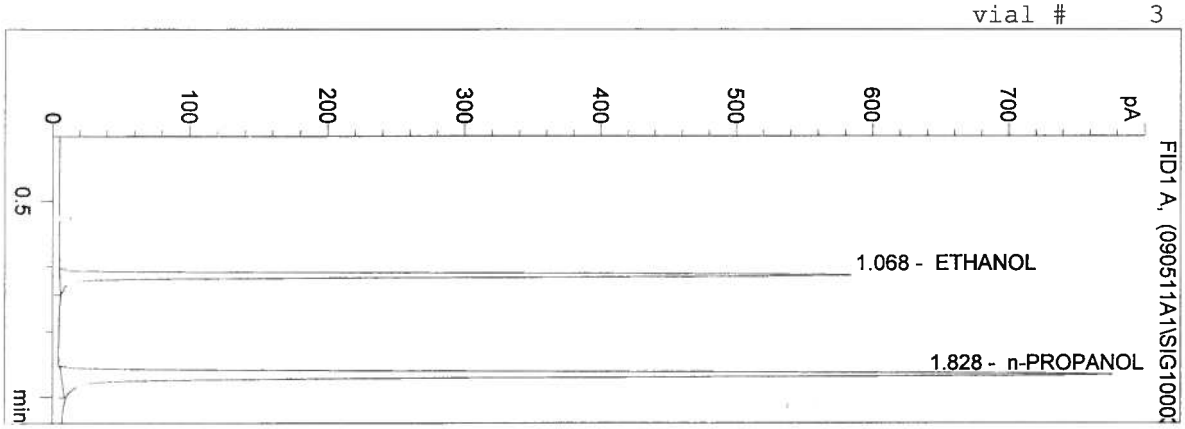
AK
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:04:42 PM
Instrument 3
db-alc2

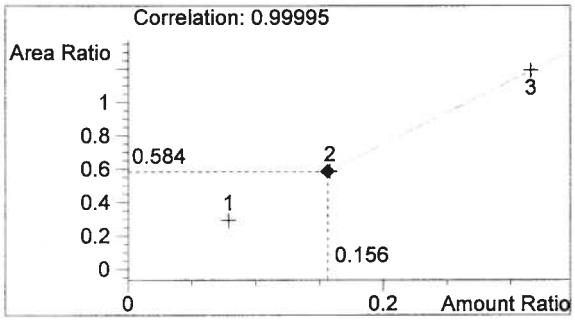
0.158 cal 2
asa louis

vial # 3

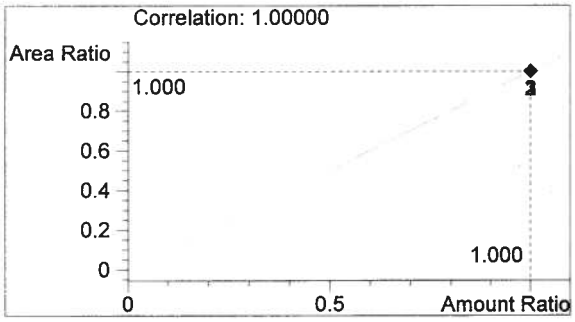


#	Compound	Area	RT
1	ETHANOL	1307	1.068
2	n-PROPANOL	2239	1.828

Totals:



ETHANOL 0.156 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

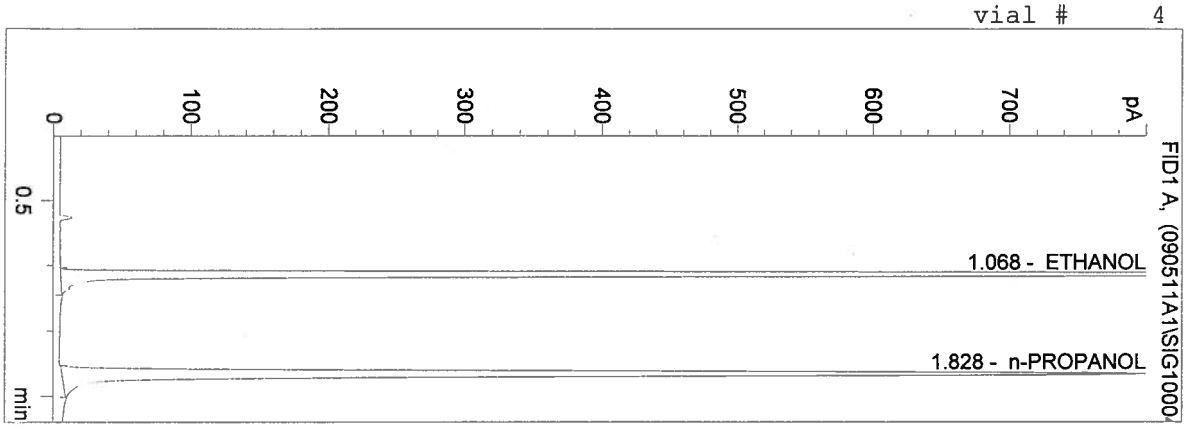
AL
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:07:49 PM
Instrument 3
db-alc2

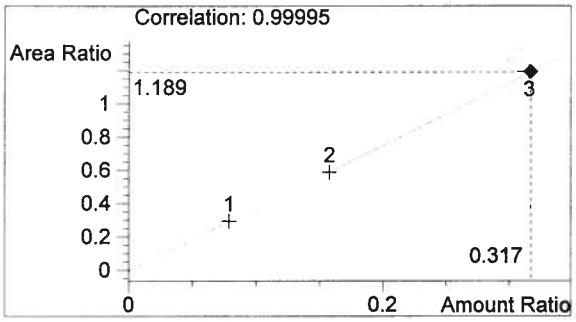
0.316 cal 3
asa louis

vial # 4

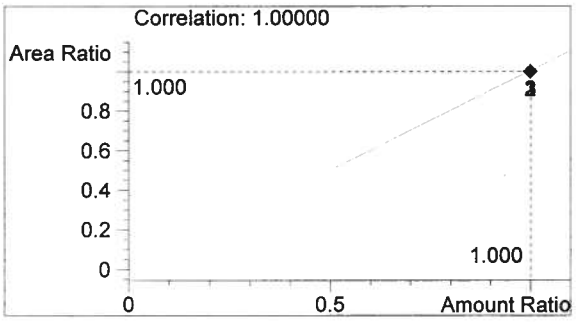


#	Compound	Area	RT
1	ETHANOL	2759	1.068
2	n-PROPANOL	2320	1.828

Totals:



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

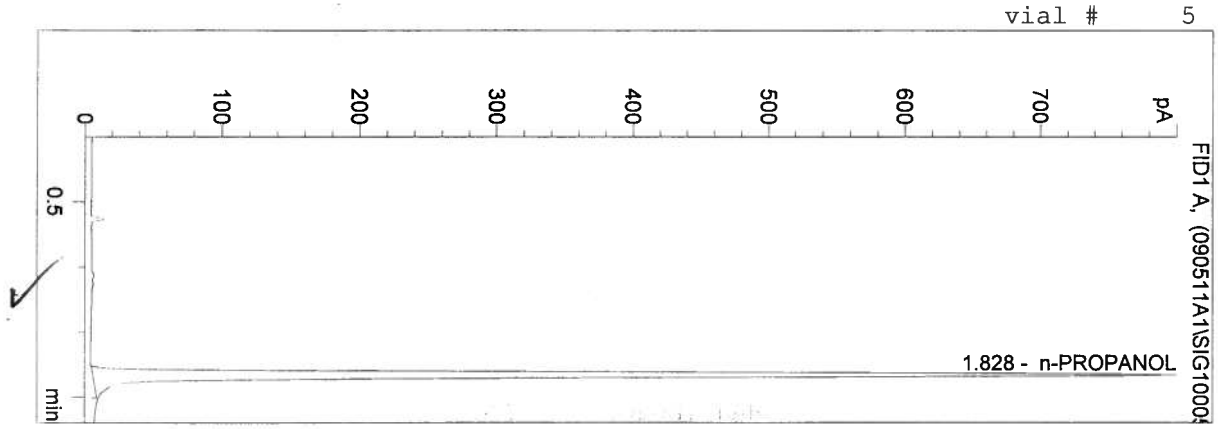
AL
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:10:57 PM
Instrument 3
db-alc2

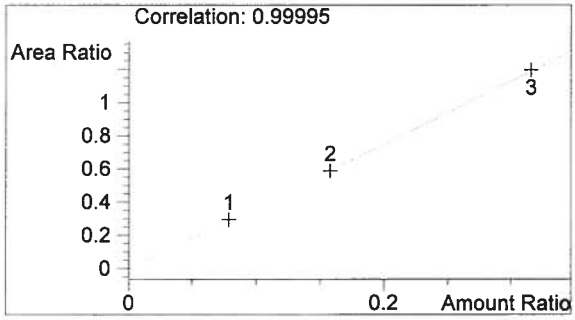
neg control - al
asa louis

vial # 5

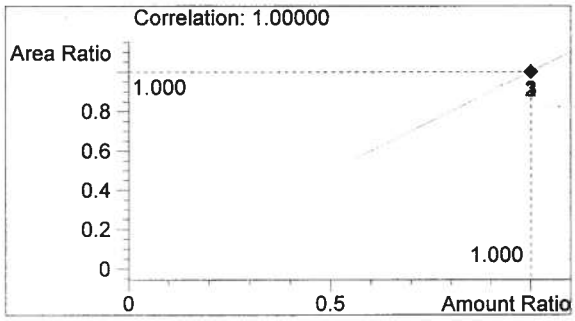


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2321	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

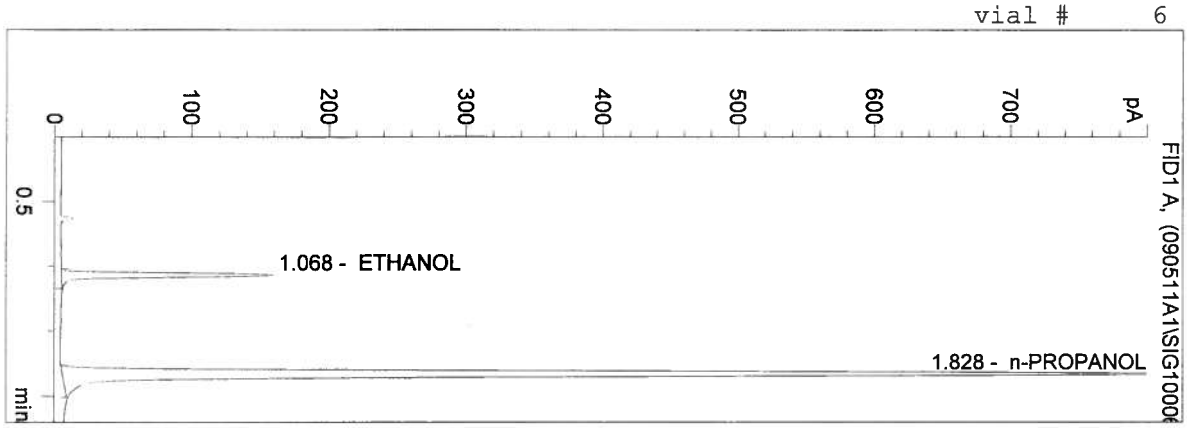
AL
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:14:05 PM
Instrument 3
db-alc2

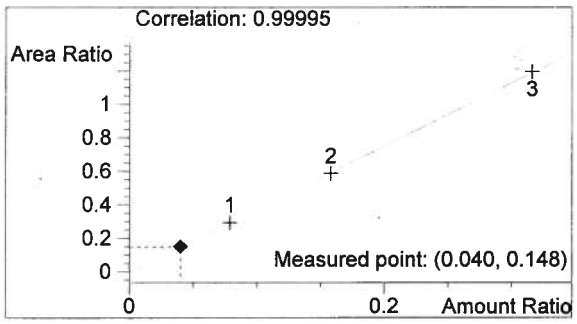
0.04 ctrl al
asa louis

vial # 6

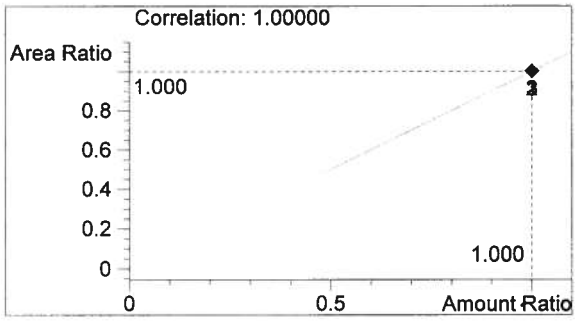


#	Compound	Area	RT
1	ETHANOL	349	1.068
2	n-PROPANOL	2365	1.828

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

AL
200905 11

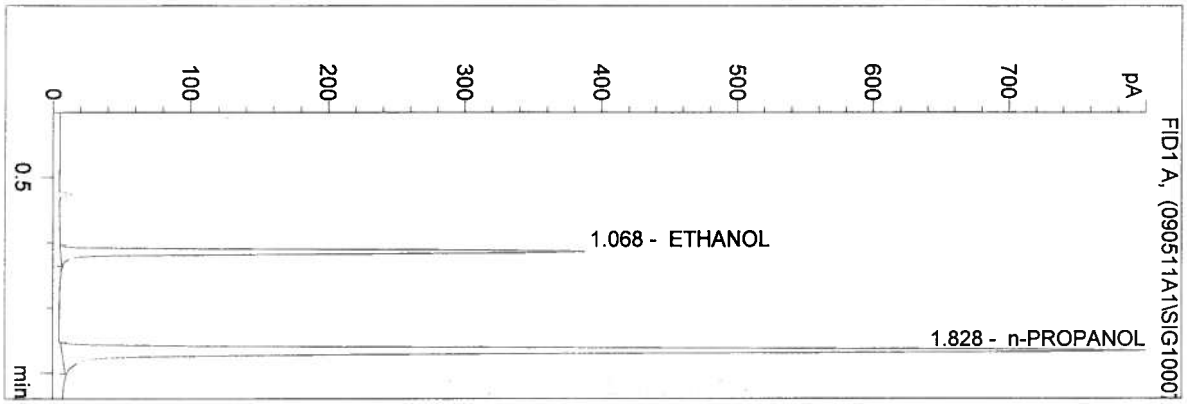
AL
2009 05 14

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:17:13 PM
Instrument 3
db-alc2

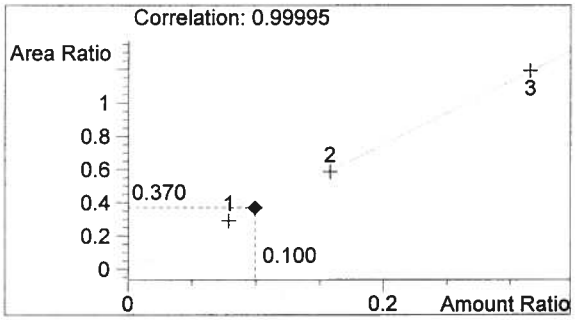
0.10 ctrl al
asa louis

vial # 7

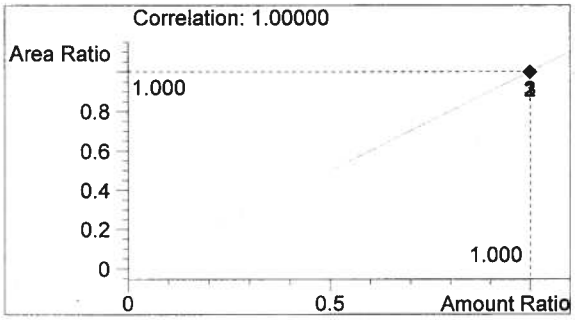


#	Compound	Area	RT
1	ETHANOL	864	1.068
2	n-PROPANOL	2332	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

AK
20090511

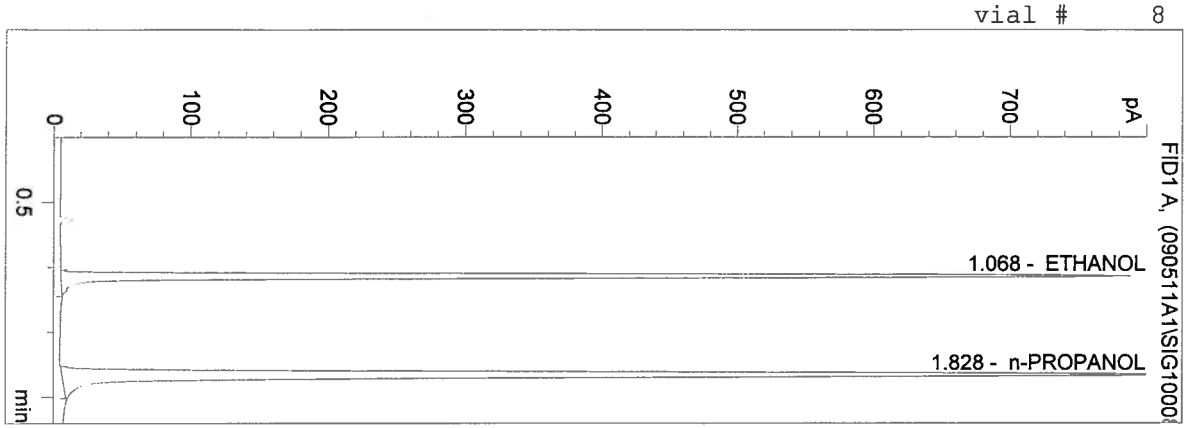
AK
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:20:21 PM
Instrument 3
db-alc2

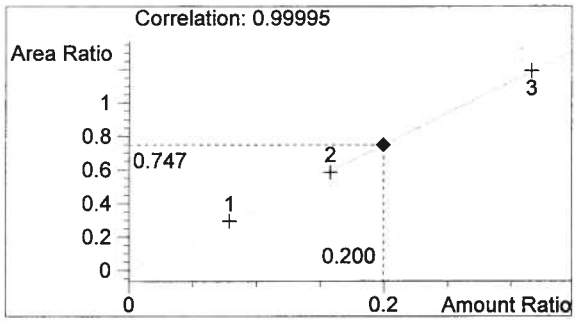
0.20 ctrl al
asa louis

vial # 8

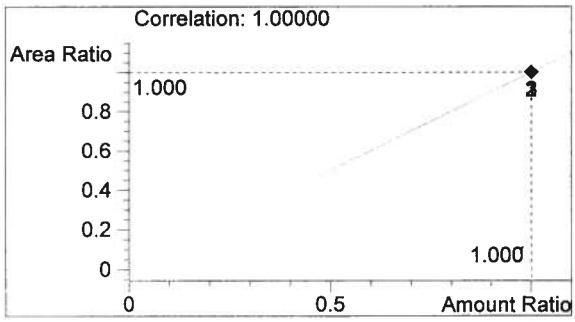


#	Compound	Area	RT
1	ETHANOL	1779	1.068
2	n-PROPANOL	2381	1.828

Totals:



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

AK
20090511

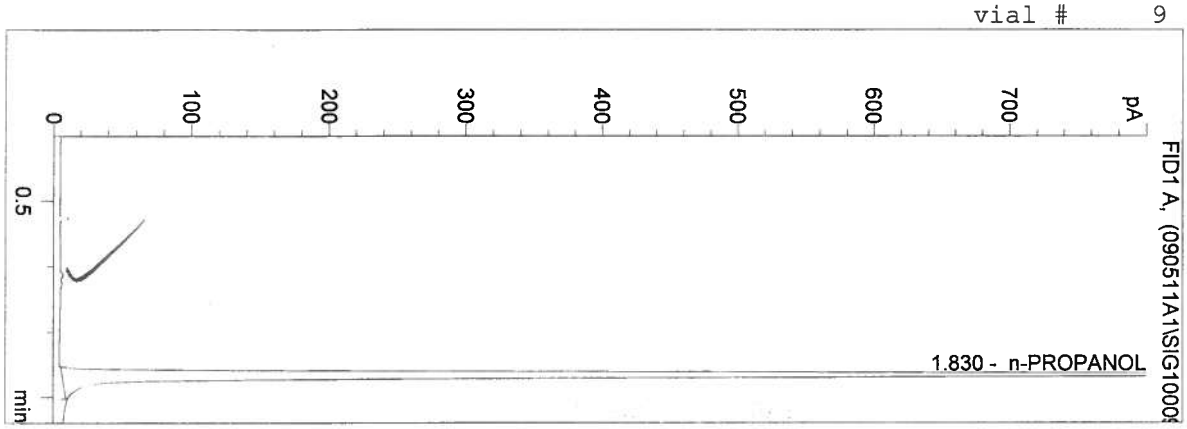
AK
20090544

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:23:28 PM
Instrument 3
db-alc2

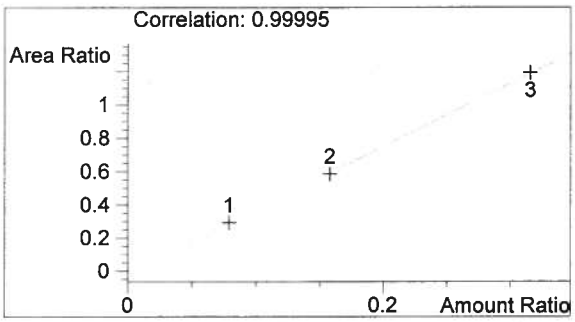
neg control - al
asa louis

vial # 9

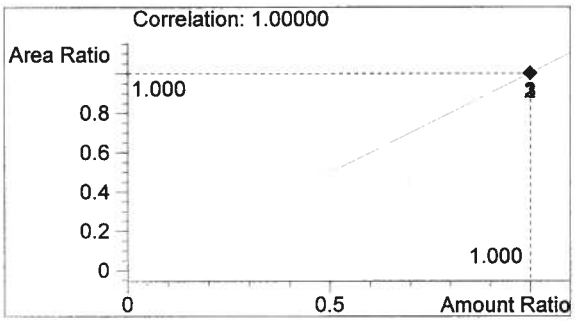


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2814	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

AR
20090511

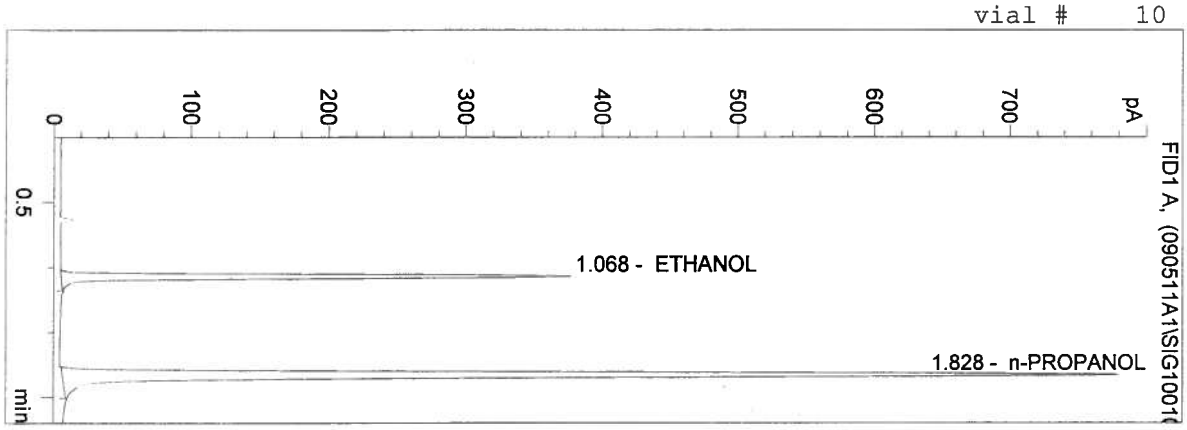
AR
20090574

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:26:36 PM
Instrument 3
db-alc2

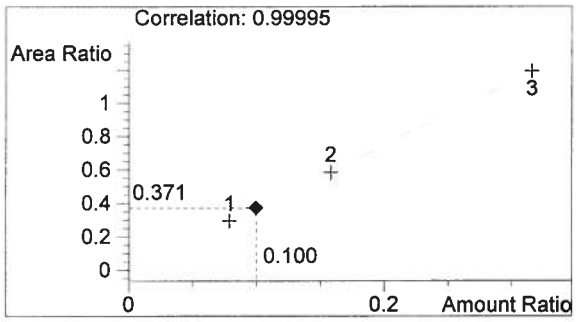
09022 #1
asa louis

vial # 10

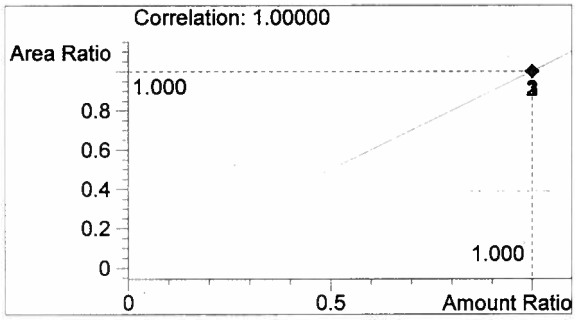


#	Compound	Area	RT
1	ETHANOL	831	1.068
2	n-PROPANOL	2241	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

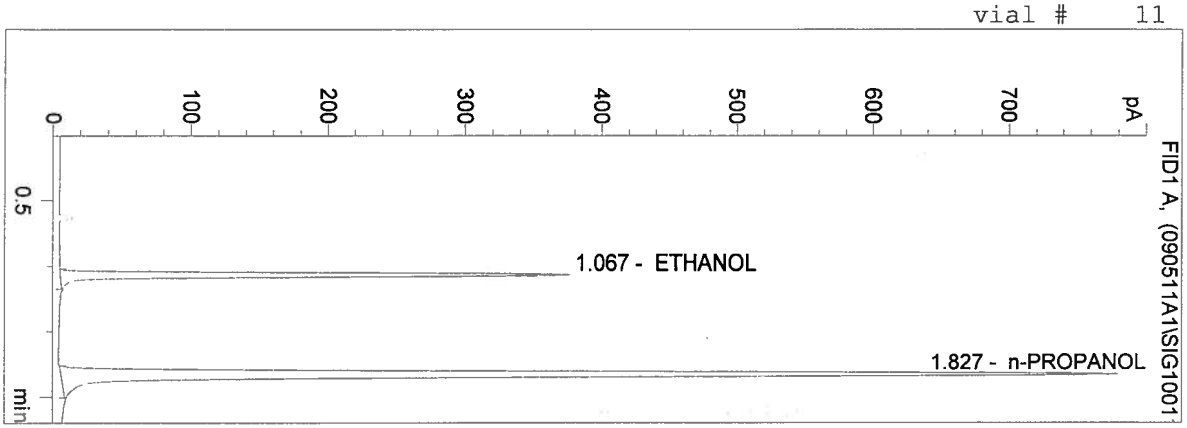
AR
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:29:44 PM
Instrument 3
db-alc2

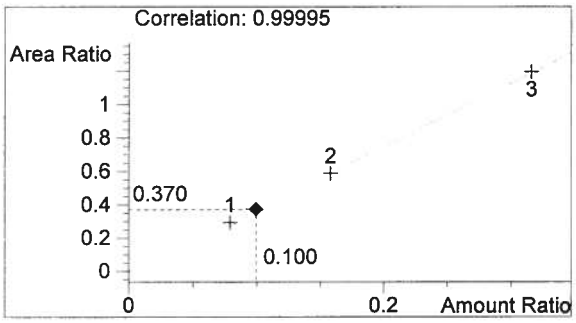
09022 #2
asa louis

vial # 11

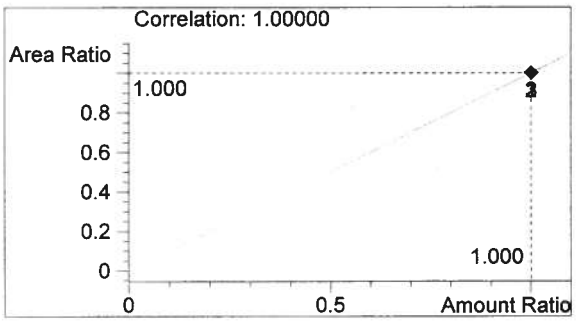


#	Compound	Area	RT
1	ETHANOL	833	1.067
2	n-PROPANOL	2250	1.827

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

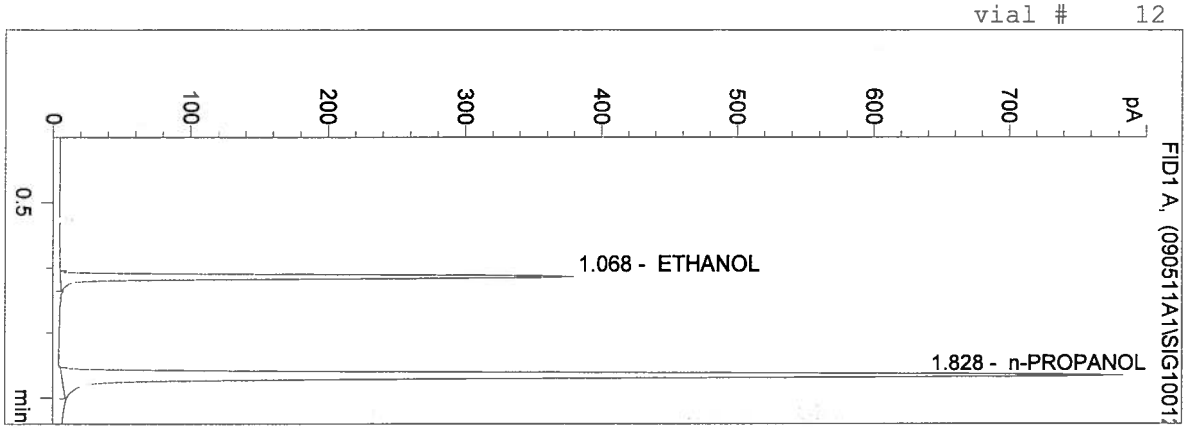
AL
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:32:52 PM
Instrument 3
db-alc2

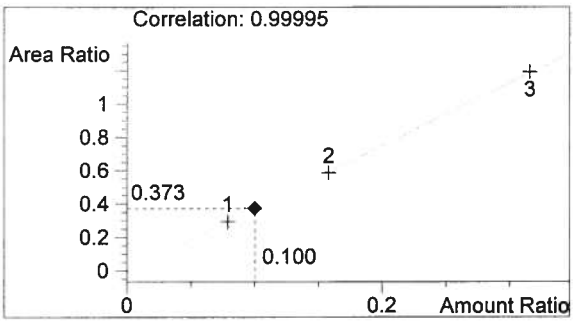
09022 #3
asa louis

vial # 12

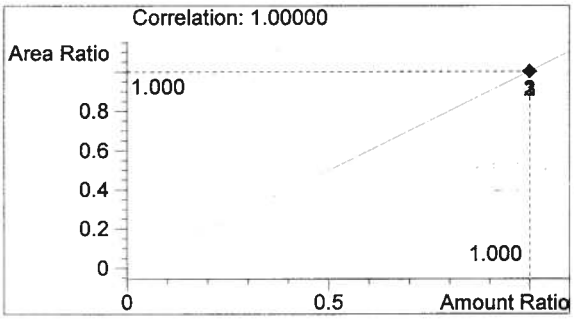


#	Compound	Area	RT
1	ETHANOL	843	1.068
2	n-PROPANOL	2260	1.828

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

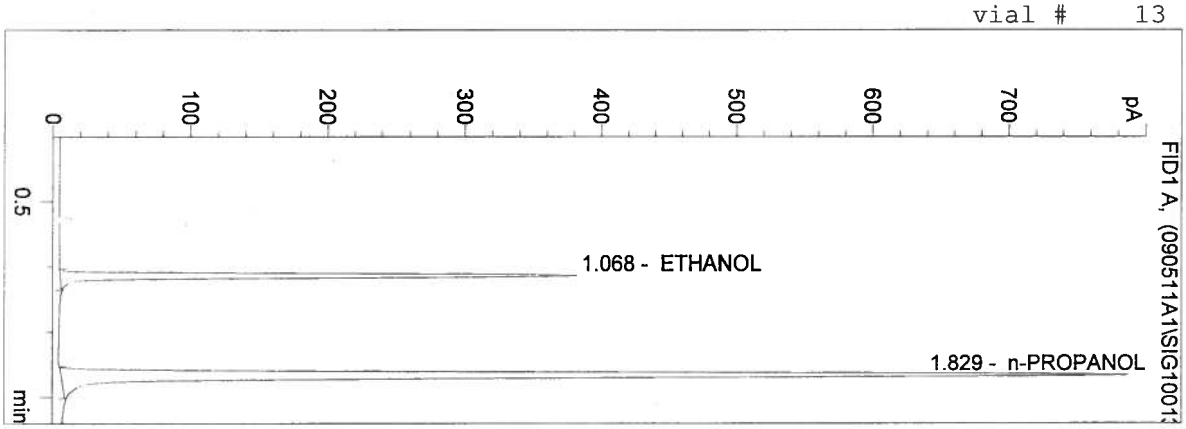
AL
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:35:59 PM
Instrument 3
db-alc2

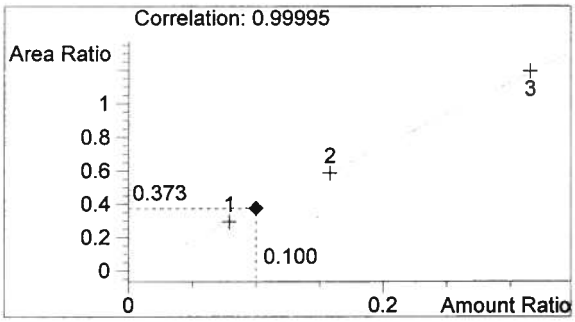
09022 #4
asa louis

vial # 13

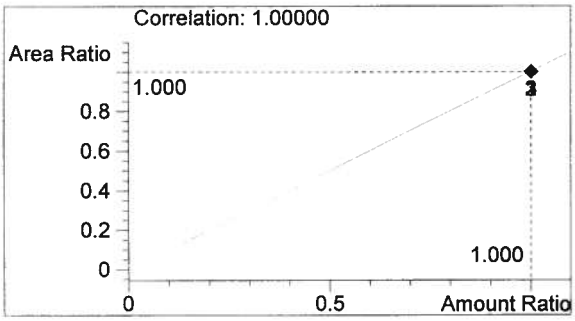


#	Compound	Area	RT
1	ETHANOL	847	1.068
2	n-PROPANOL	2273	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

A
20090511

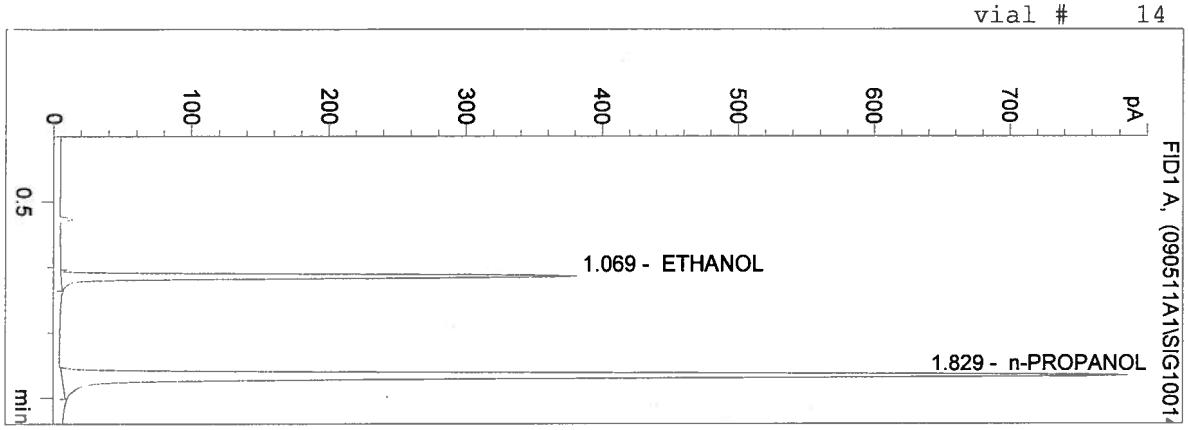
A
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:39:07 PM
Instrument 3
db-alc2

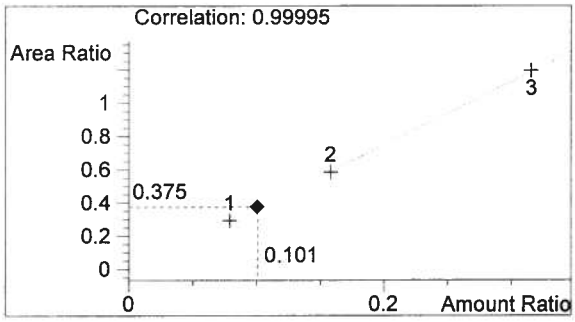
09022 #5
asa louis

vial # 14

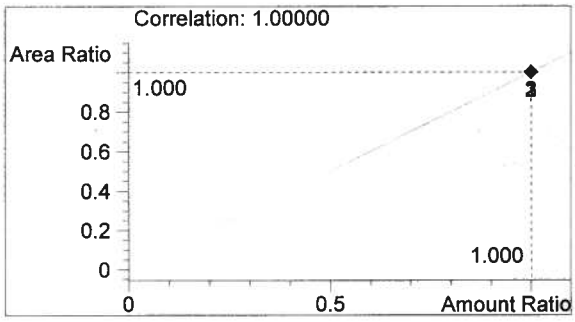


#	Compound	Area	RT
1	ETHANOL	849	1.069
2	n-PROPANOL	2266	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

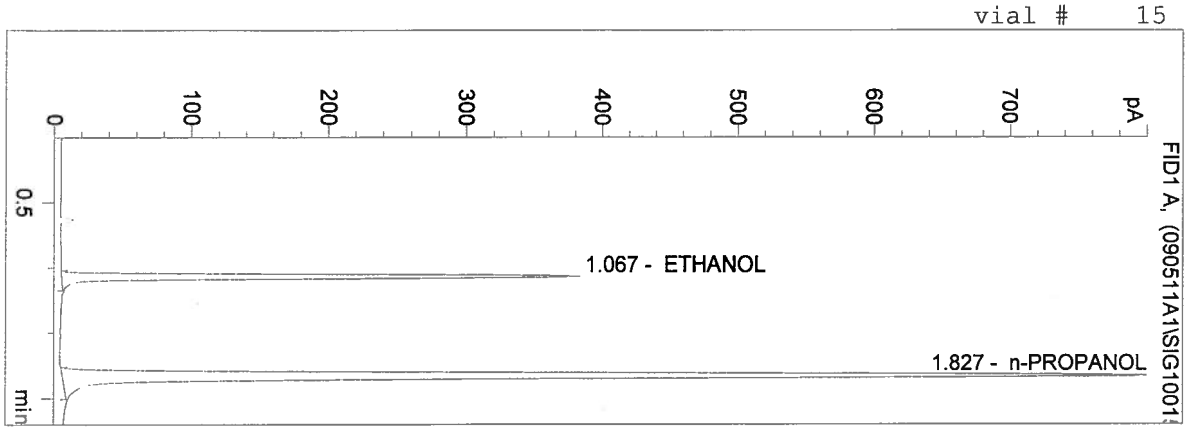
AL
20090524

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:42:15 PM
Instrument 3
db-alc2

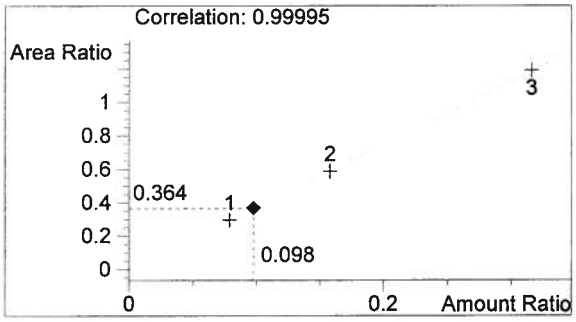
0.10 ctrl al
asa louis

vial # 15

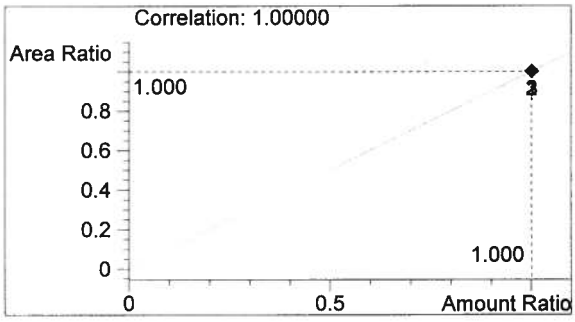


#	Compound	Area	RT
1	ETHANOL	855	1.067
2	n-PROPANOL	2350	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

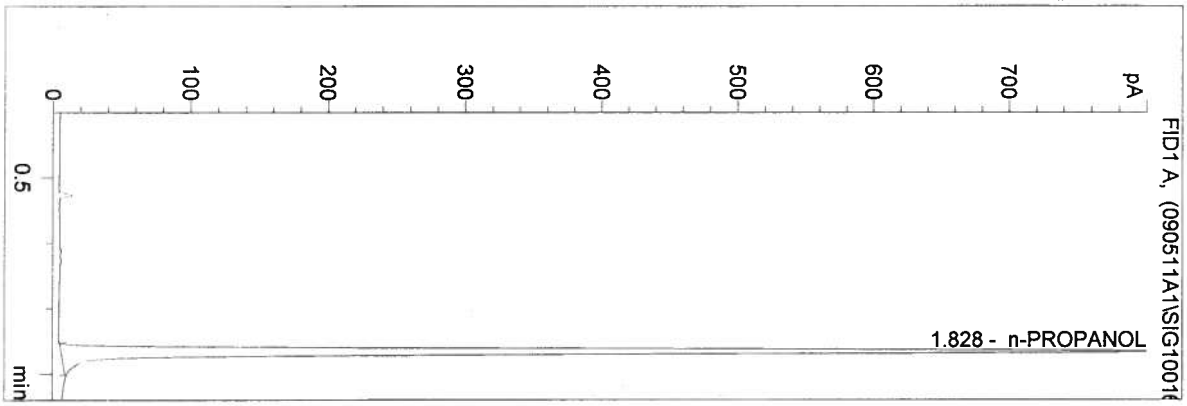
AL
20090514

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 2:45:23 PM
Instrument 3
db-alc2

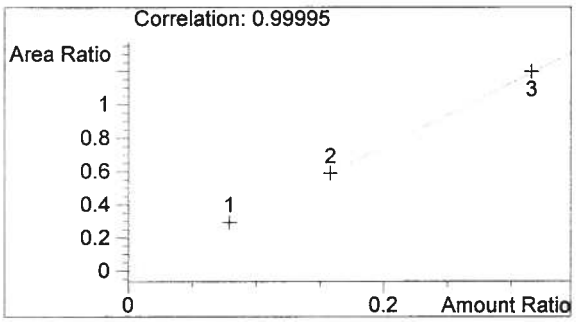
neg control - al
asa louis

vial # 16

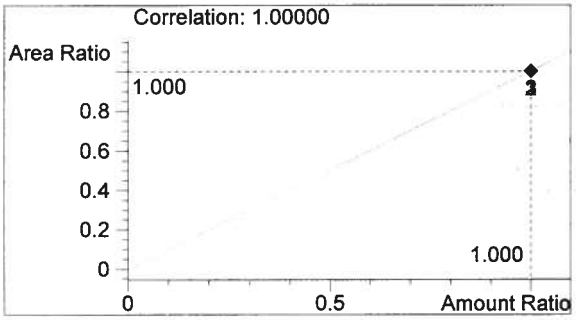


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2374	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090511

AL
20090514

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:	090511SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 14/2013
0.20 Control - Lot # A064522 - exp 04/2013
0.10 CONTROL - LOT # A064767 - EXP 04/2013 SMS 5/11/09

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	09022 #1	SIMALC	1	Sample		
11	Vial 11	09022#2	SIMALC	1	Sample		
12	Vial 12	09022 #3	SIMALC	1	Sample		
13	Vial 13	09022 #4	SIMALC	1	Sample		
14	Vial 14	09022 #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	

Sequence Table (Back Injector):

SMS

No entries - empty table!

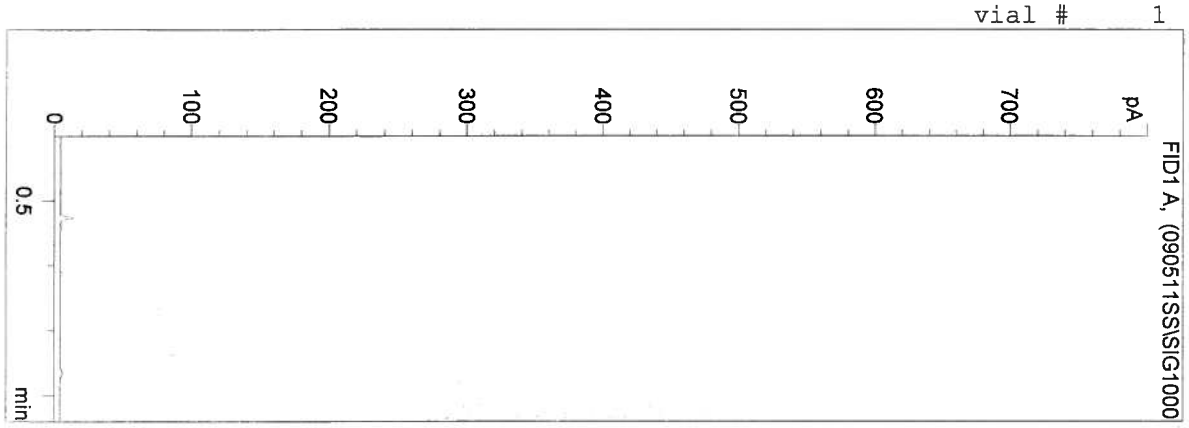
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:22:45 PM
Instrument 3
db-alc2

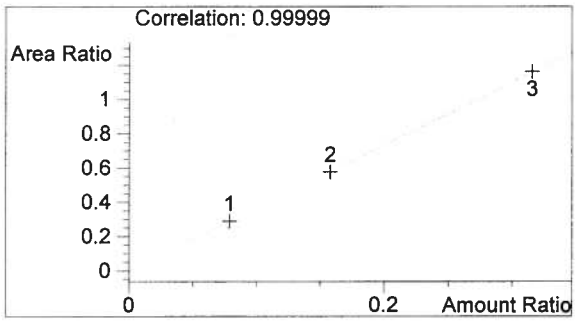
BLANK-SS
Sarah Swenson

vial # 1

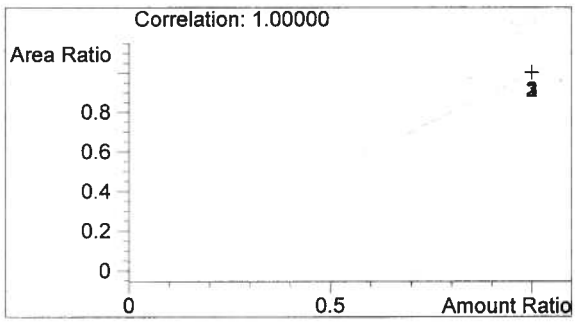


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

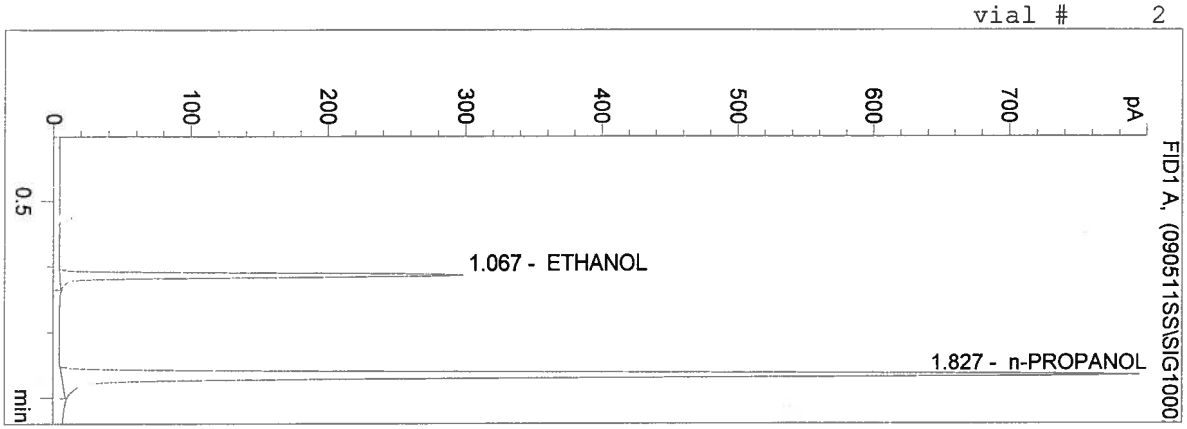
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:25:53 PM
Instrument 3
db-alc2

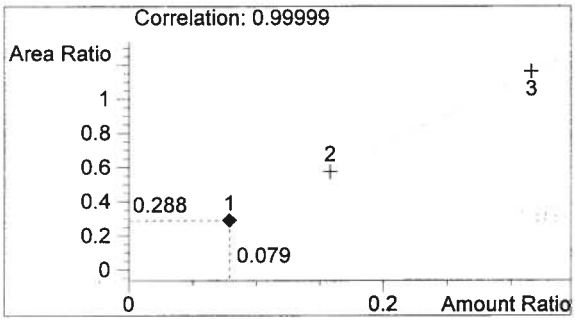
0.079 CAL 1
Sarah Swenson

vial # 2

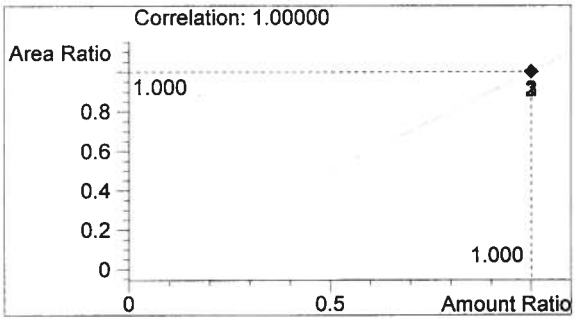


#	Compound	Area	RT
1	ETHANOL	660	1.067
2	n-PROPANOL	2291	1.827

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

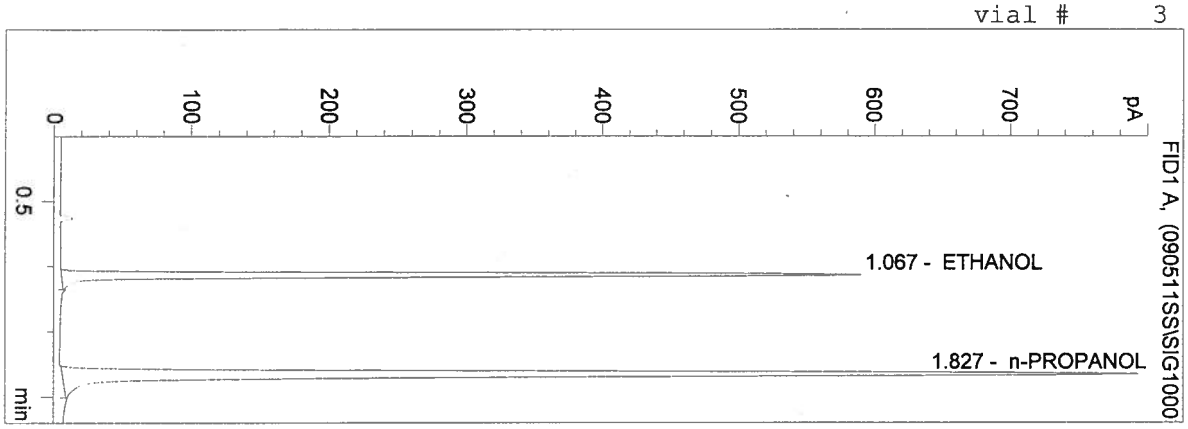
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:29:00 PM
Instrument 3
db-alc2

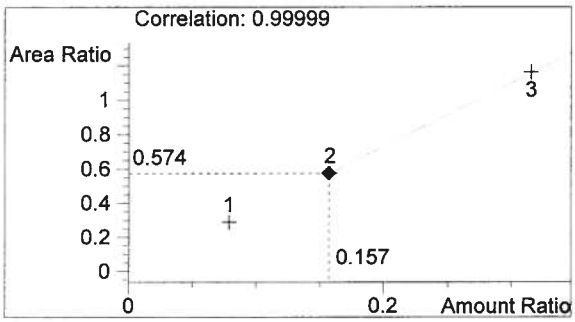
0.158 CAL 2
Sarah Swenson

vial # 3

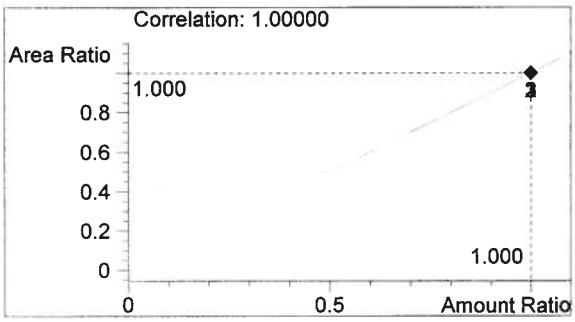


#	Compound	Area	RT
1	ETHANOL	1315	1.067
2	n-PROPANOL	2293	1.827

Totals:



ETHANOL 0.157 g/100ml



n-PROPANOL 1.000 g/100ml

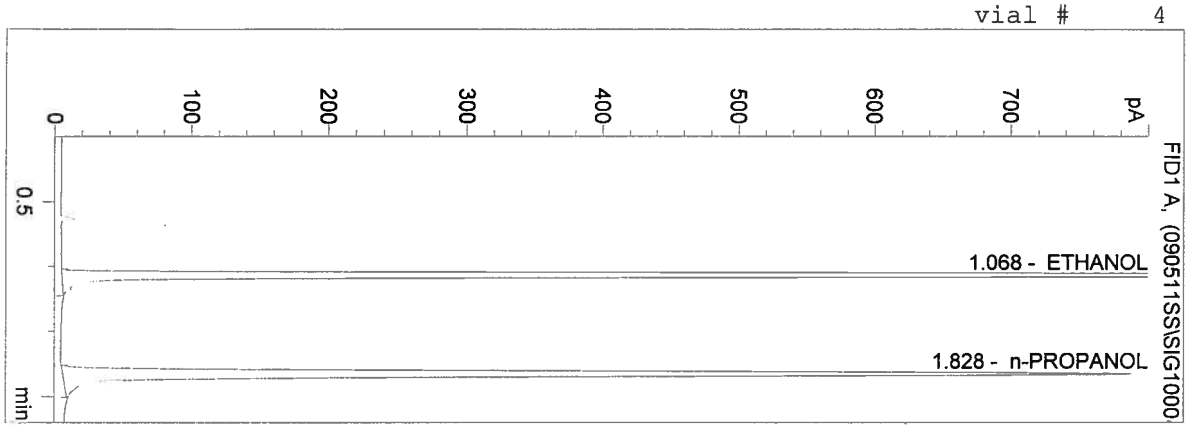
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

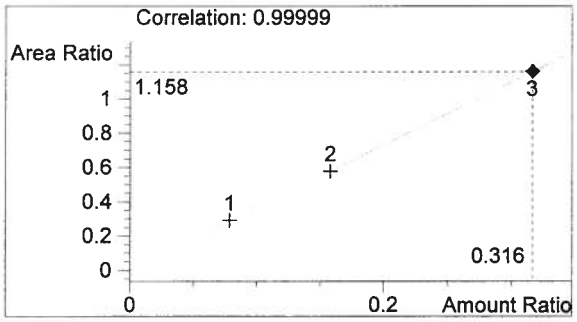
C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:32:08 PM
Instrument 3
db-alc2

0.316 CAL 3
Sarah Swenson

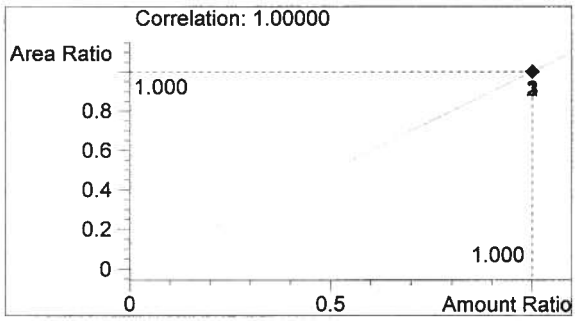
vial # 4



#	Compound	Area	RT
1	ETHANOL	2632	1.068
2	n-PROPANOL	2273	1.828
Totals:			



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

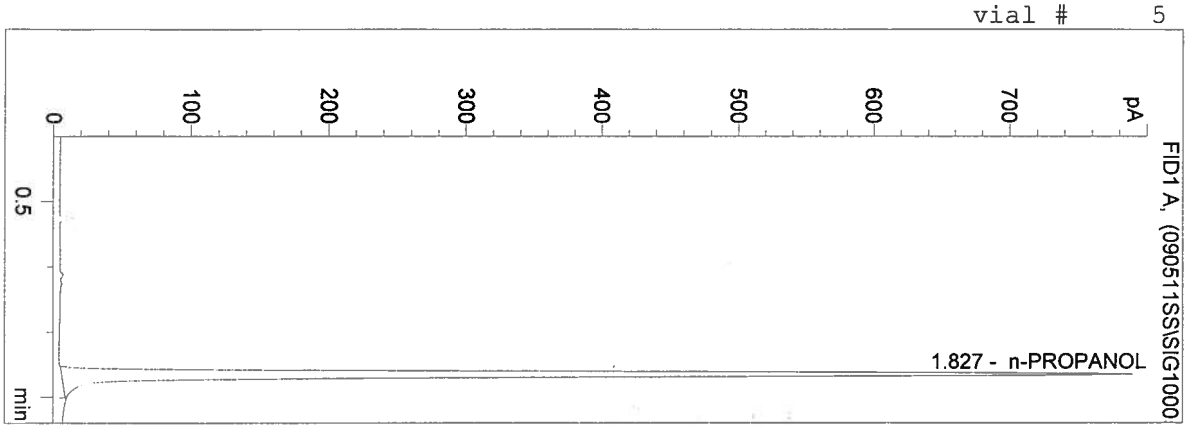
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:35:16 PM
Instrument 3
db-alc2

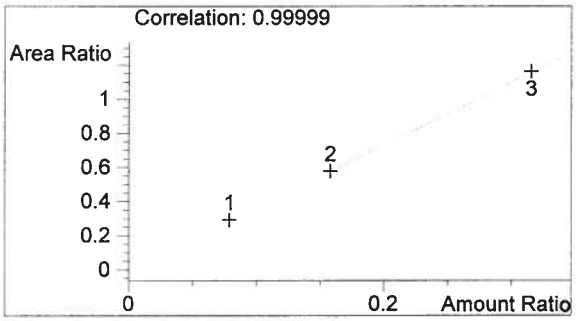
NEG CTRL-SS
Sarah Swenson

vial # 5

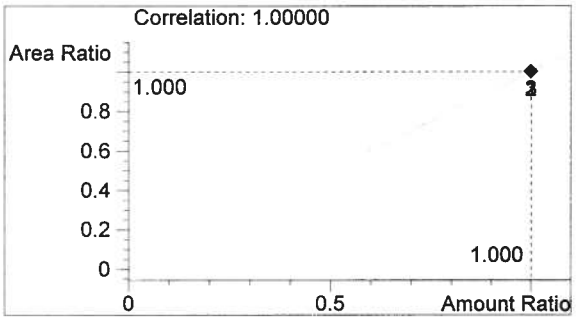


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2287	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

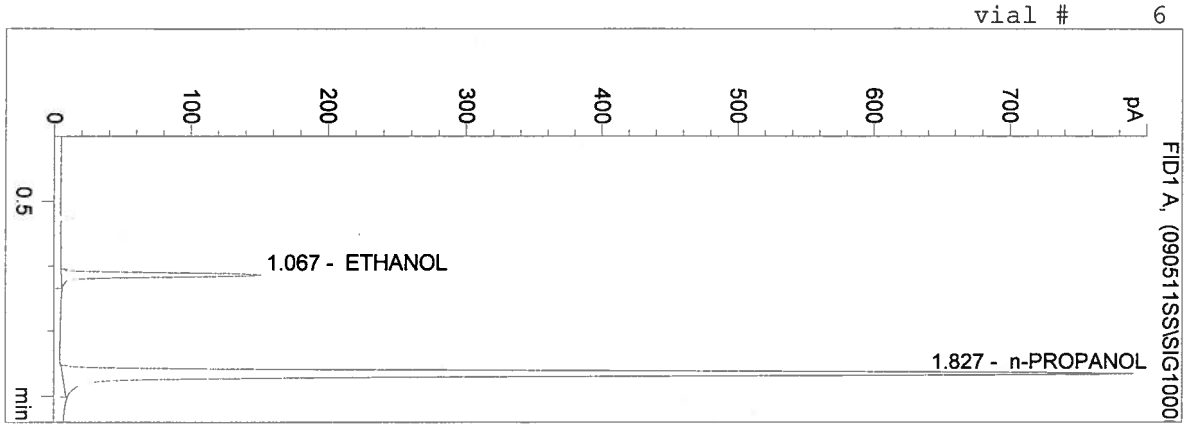
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:38:24 PM
Instrument 3
db-alc2

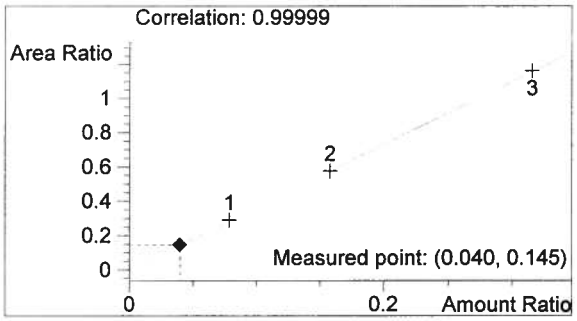
0.04 CTRL-SS
Sarah Swenson

vial # 6

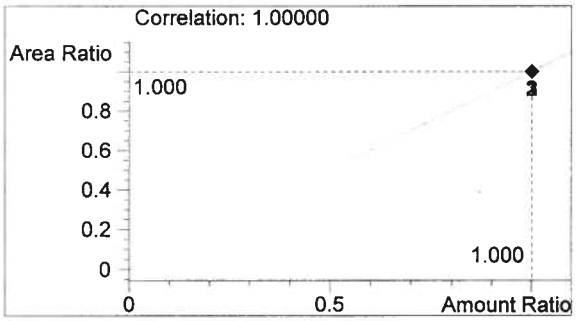


#	Compound	Area	RT
1	ETHANOL	331	1.067
2	n-PROPANOL	2285	1.827

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

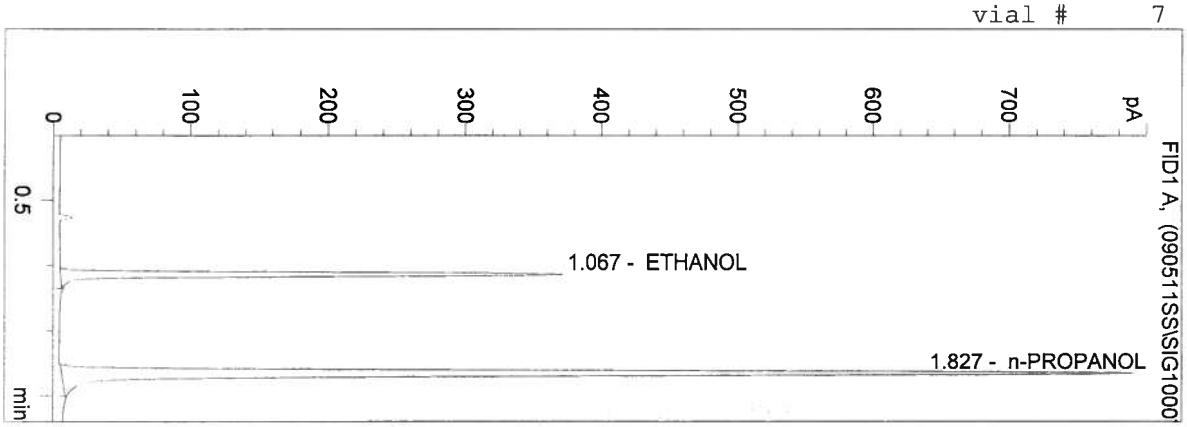
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

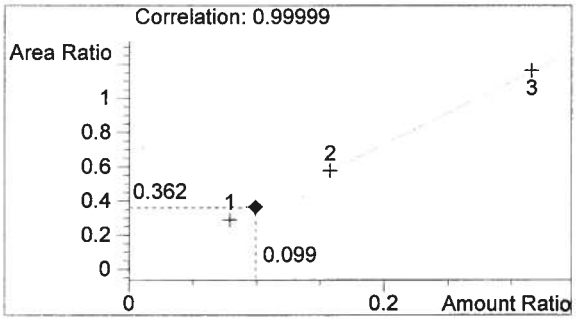
C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:41:31 PM
Instrument 3
db-alc2

0.10 CTRL-SS
Sarah Swenson

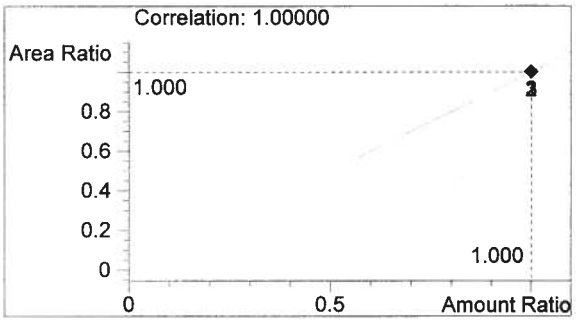
vial # 7



#	Compound	Area	RT
1	ETHANOL	825	1.067
2	n-PROPANOL	2280	1.827
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

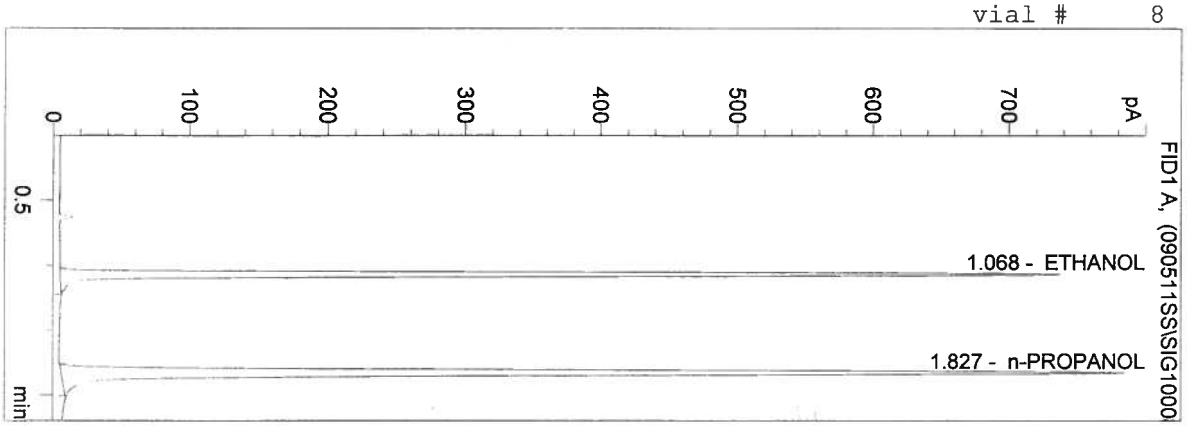
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:44:39 PM
Instrument 3
db-alc2

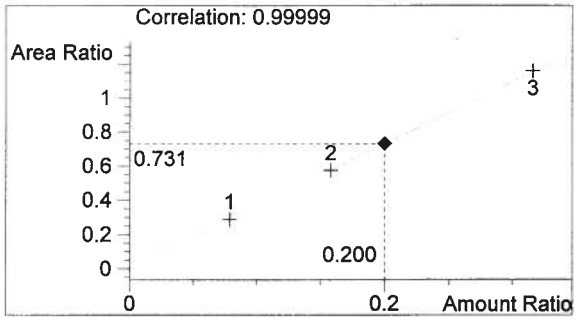
0.20 CTRL-SS
Sarah Swenson

vial # 8

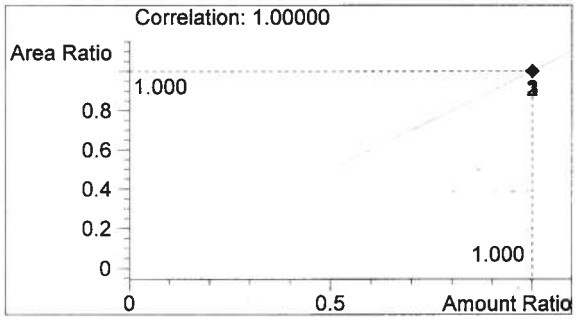


#	Compound	Area	RT
1	ETHANOL	1655	1.068
2	n-PROPANOL	2265	1.827

Totals:



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

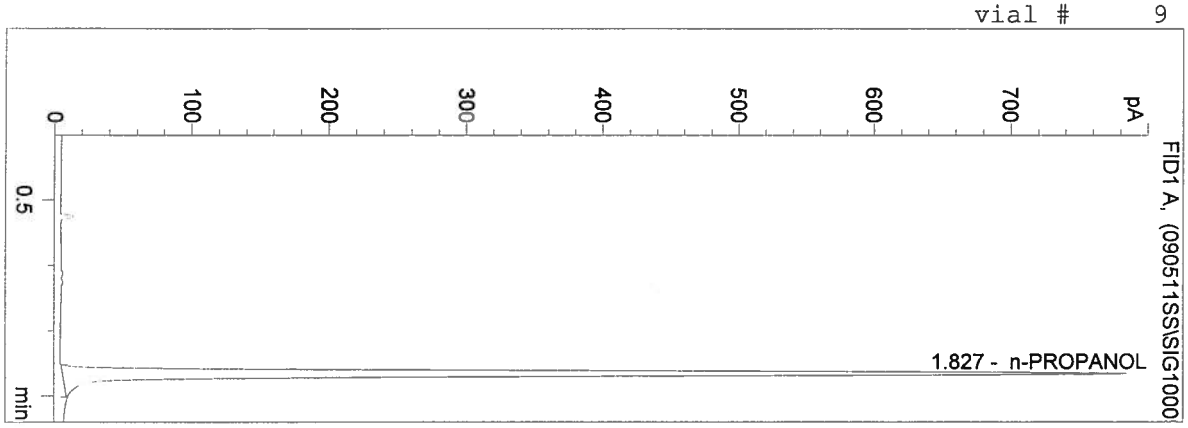
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:47:47 PM
Instrument 3
db-alc2

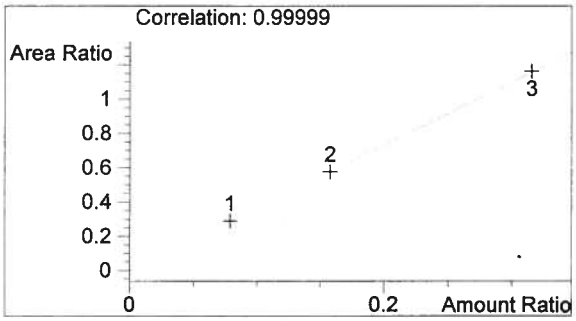
NEG CTRL-SS
Sarah Swenson

vial # 9

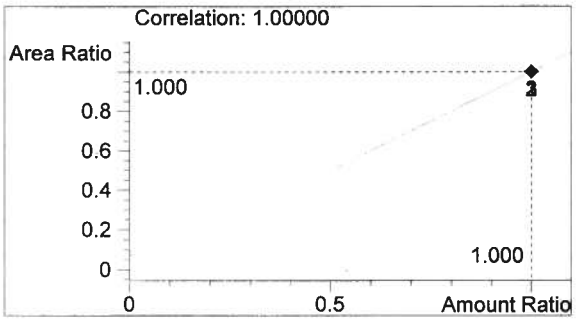


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2270	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

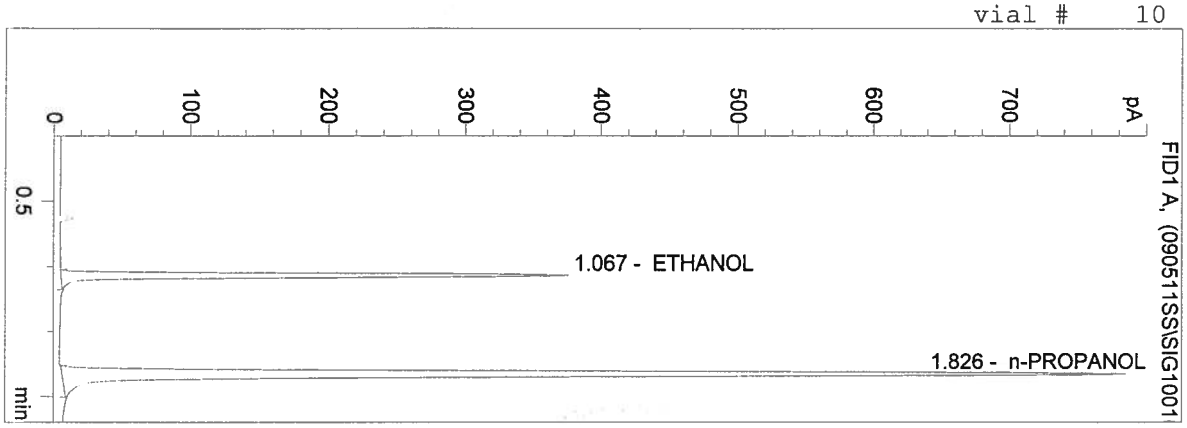
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:50:54 PM
Instrument 3
db-alc2

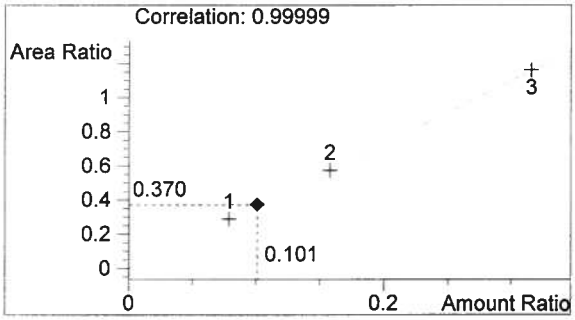
09022 #1
Sarah Swenson

vial # 10

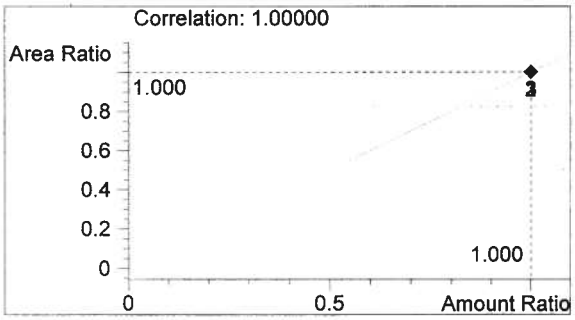


#	Compound	Area	RT
1	ETHANOL	839	1.067
2	n-PROPANOL	2269	1.826

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

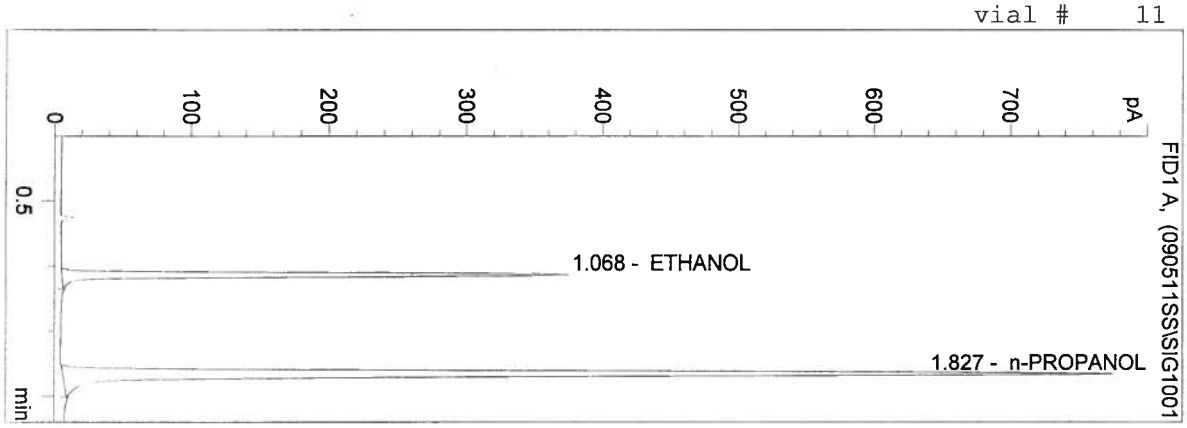
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

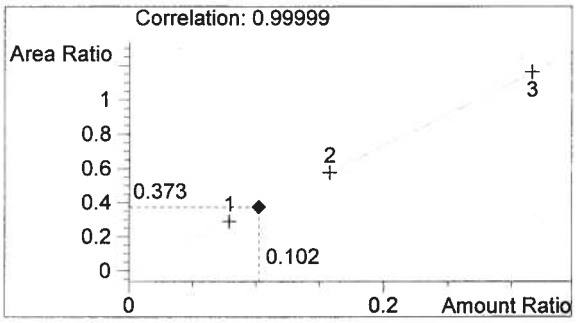
C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:54:02 PM
Instrument 3
db-alc2

09022#2
Sarah Swenson

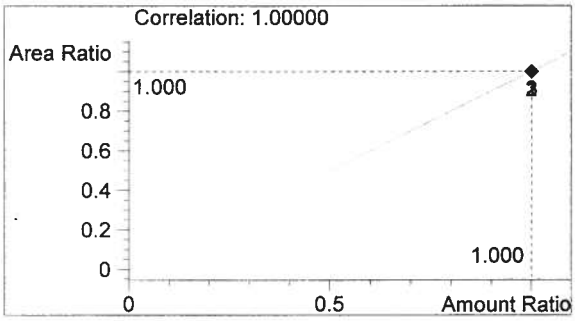
vial # 11



#	Compound	Area	RT
1	ETHANOL	835	1.068
2	n-PROPANOL	2238	1.827
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

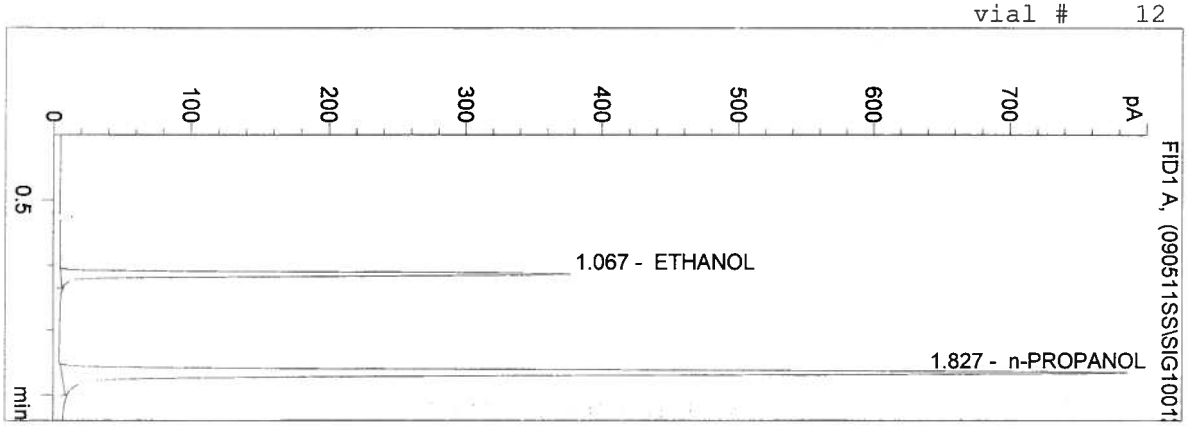
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 4:57:10 PM
Instrument 3
db-alc2

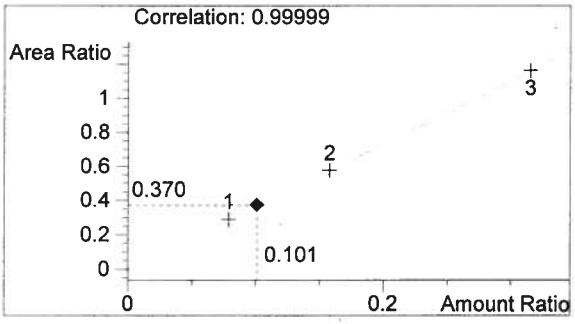
09022 #3
Sarah Swenson

vial # 12

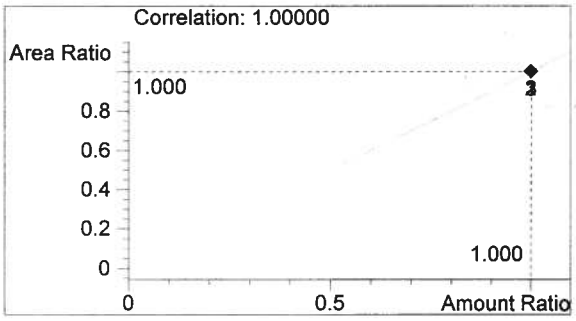


#	Compound	Area	RT
1	ETHANOL	841	1.067
2	n-PROPANOL	2274	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

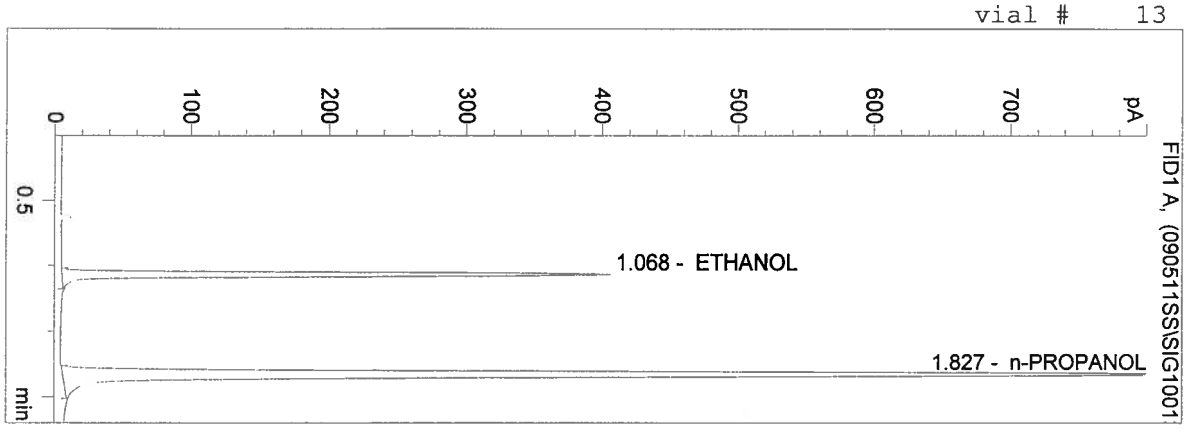
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:00:17 PM
Instrument 3
db-alc2

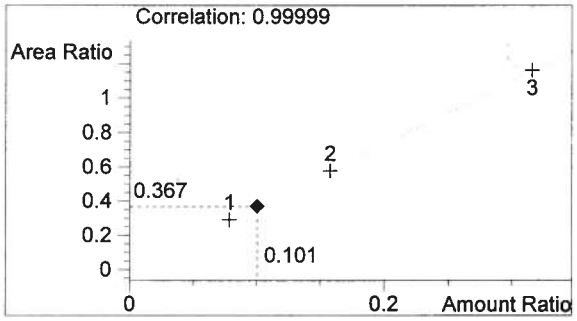
09022 #4
Sarah Swenson

vial # 13

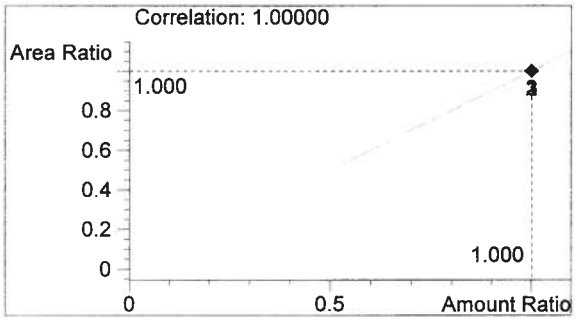


#	Compound	Area	RT
1	ETHANOL	901	1.068
2	n-PROPANOL	2453	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

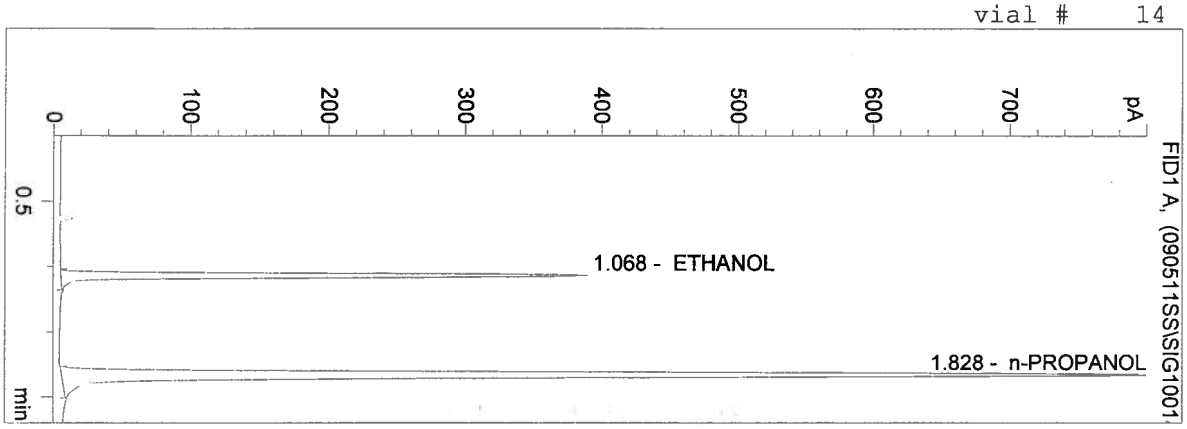
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:03:25 PM
Instrument 3
db-alc2

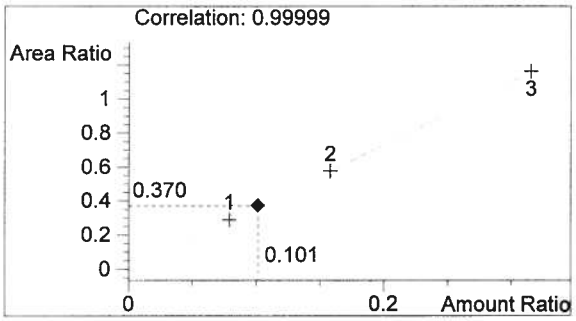
09022 #5
Sarah Swenson

vial # 14

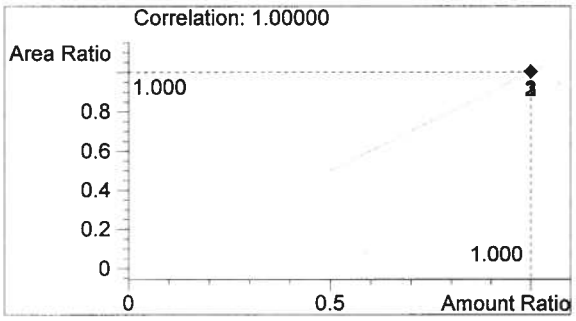


#	Compound	Area	RT
1	ETHANOL	873	1.068
2	n-PROPANOL	2358	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

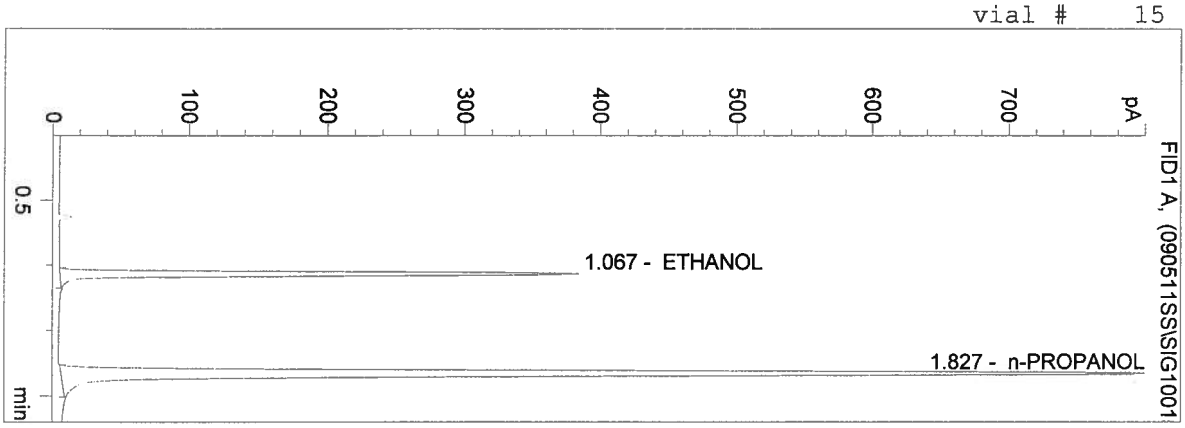
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:06:33 PM
Instrument 3
db-alc2

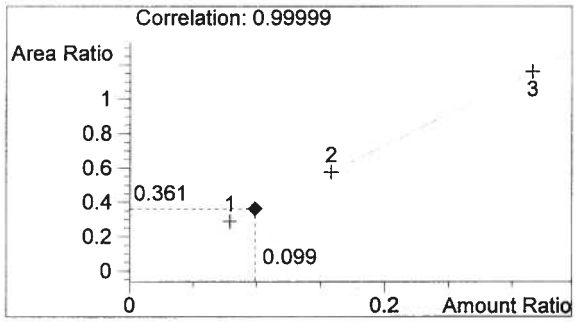
0.10 CTRL-SS
Sarah Swenson

vial # 15

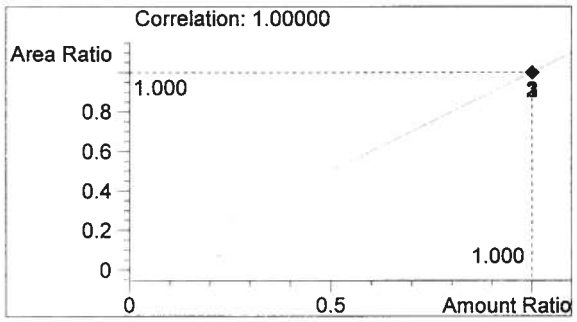


#	Compound	Area	RT
1	ETHANOL	857	1.067
2	n-PROPANOL	2372	1.827

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

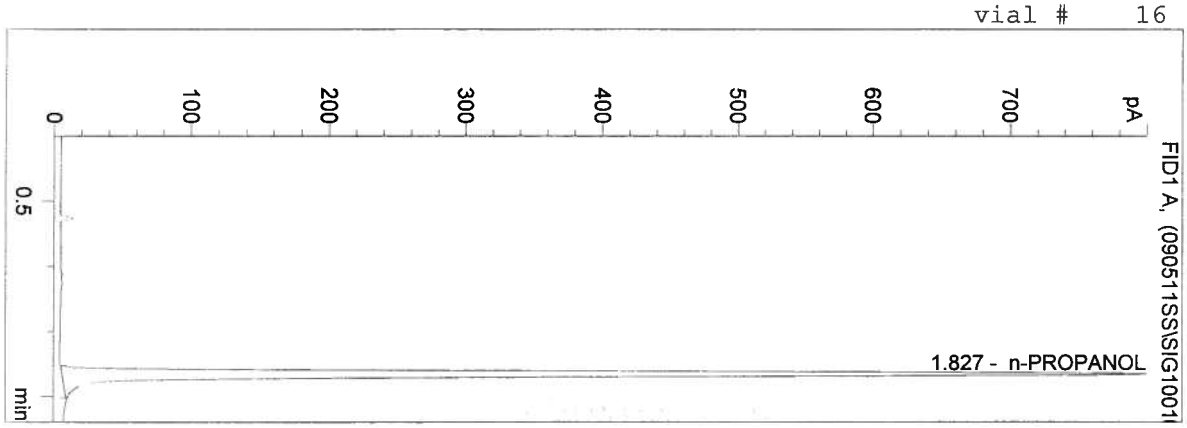
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:09:40 PM
Instrument 3
db-alc2

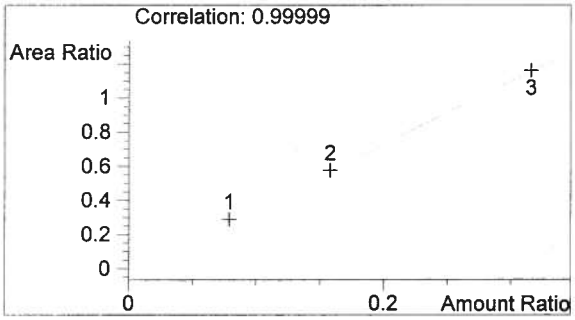
NEG CTRL-SS
Sarah Swenson

vial # 16

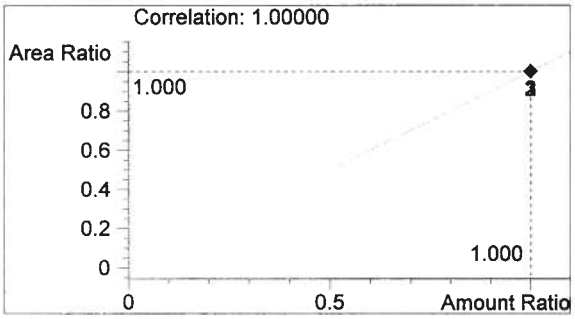


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2370	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

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:	090511CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # 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	09022 #1 CJ	SIMALC	1	Sample		
11	Vial 11	09022 #2 CJ	SIMALC	1	Sample		
12	Vial 12	09022 #3 CJ	SIMALC	1	Sample		
13	Vial 13	09022 #4 CJ	SIMALC	1	Sample		
14	Vial 14	09022 #5 CJ	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

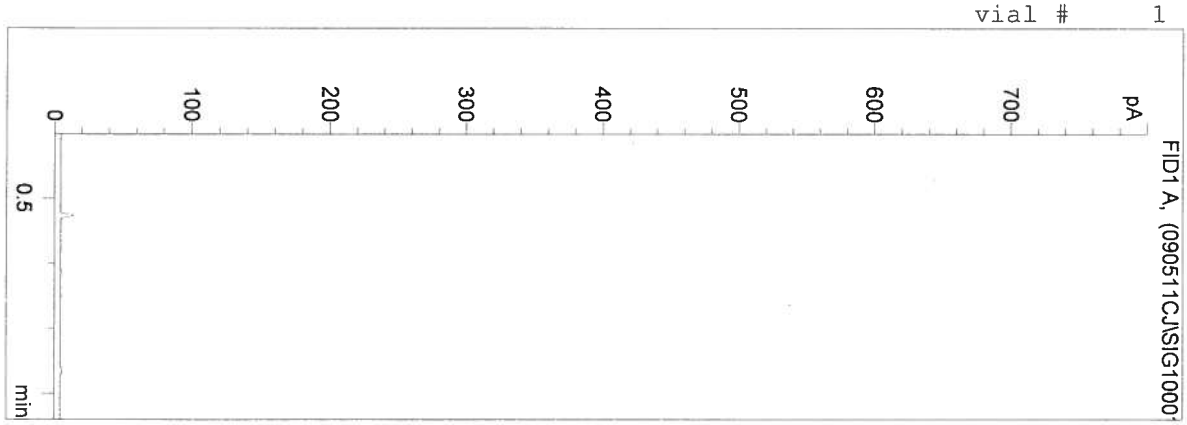
CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:34:22 PM
Instrument 3
db-alc2

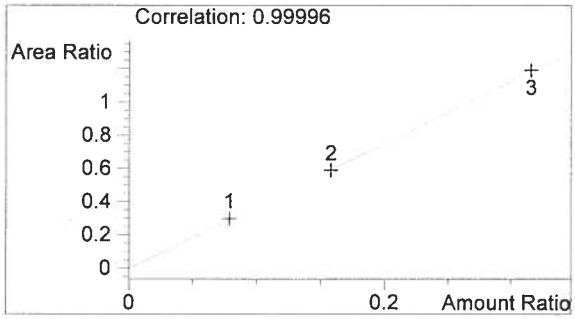
BLANK-CJ
Chris Johnston

vial # 1

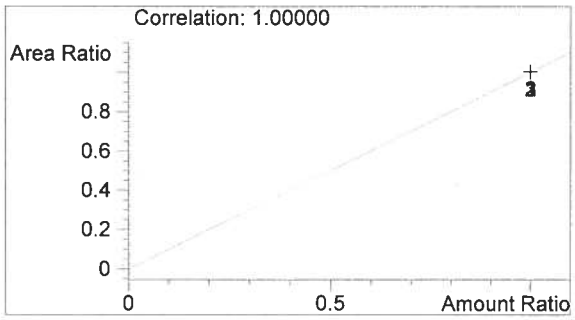


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



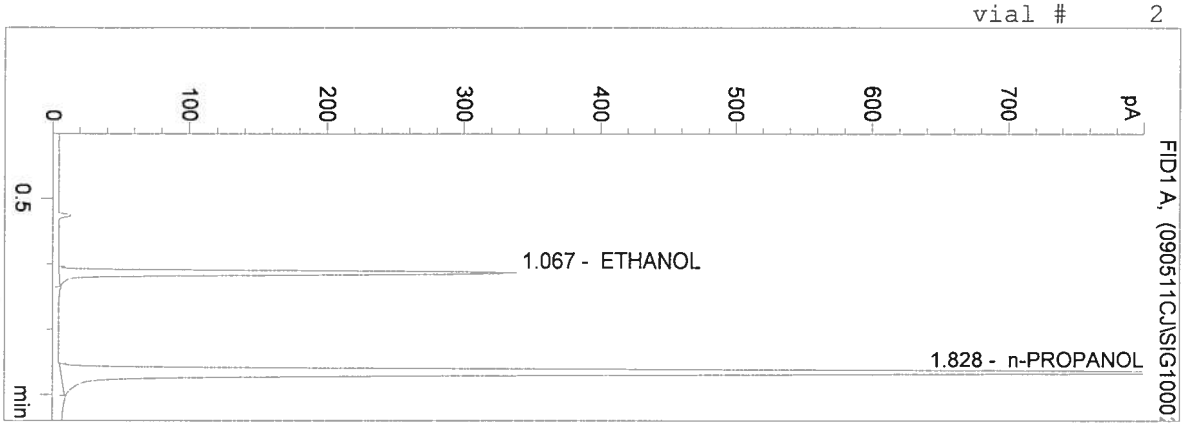
n-PROPANOL 0.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:37:30 PM
Instrument 3
db-alc2

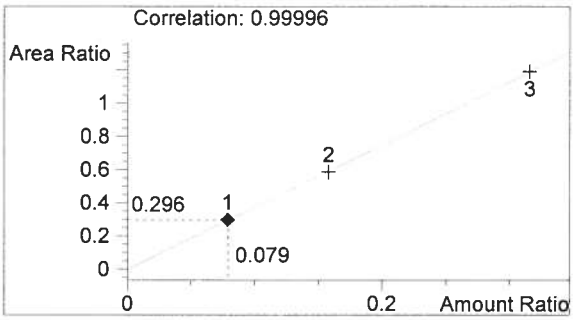
0.079 CAL 1
Chris Johnston

vial # 2

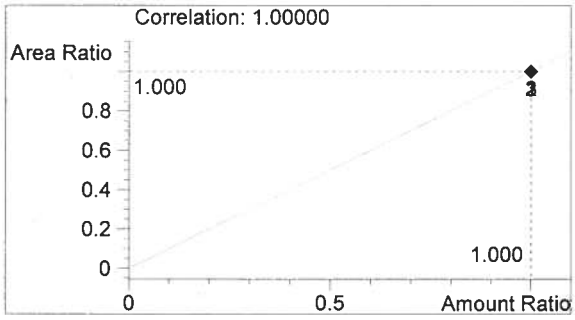


#	Compound	Area	RT
1	ETHANOL	757	1.067
2	n-PROPANOL	2559	1.828

Totals:



ETHANOL 0.079 g/100ml



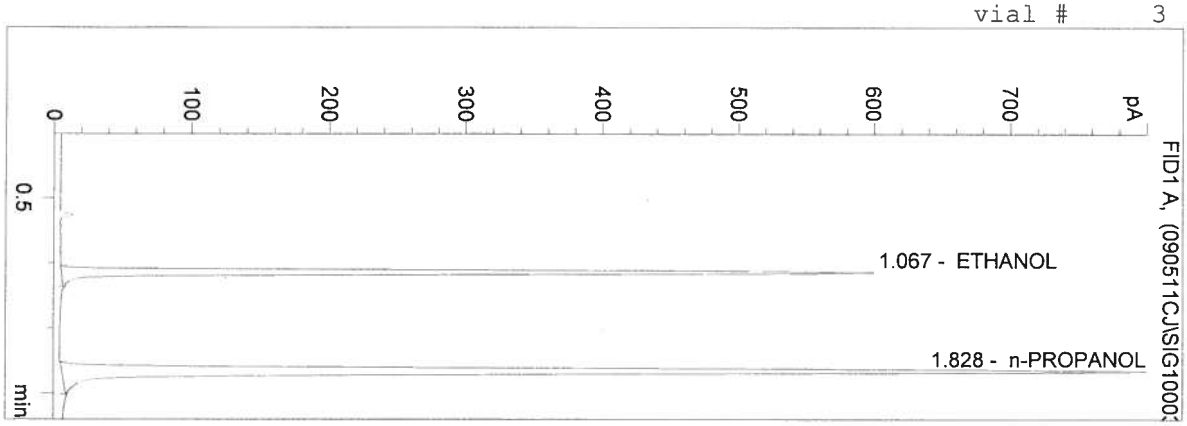
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:40:38 PM
Instrument 3
db-alc2

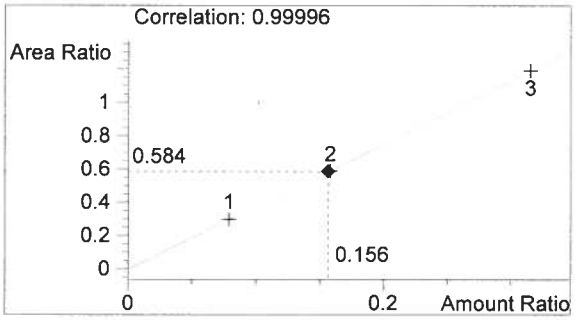
0.158 CAL 2
Chris Johnston

vial # 3

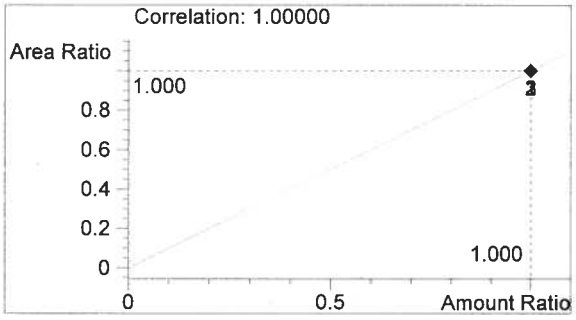


#	Compound	Area	RT
1	ETHANOL	1353	1.067
2	n-PROPANOL	2317	1.828

Totals:



ETHANOL 0.156 g/100ml



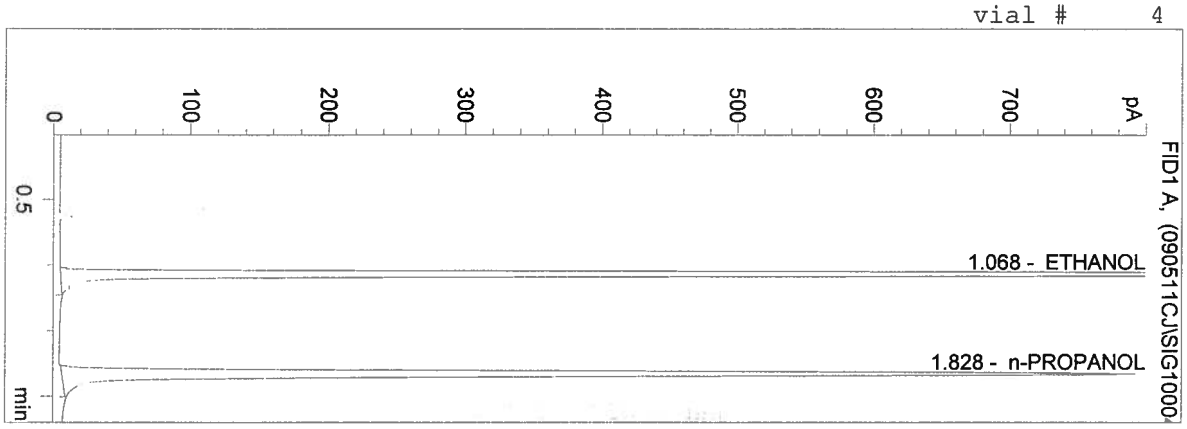
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:43:45 PM
Instrument 3
db-alc2

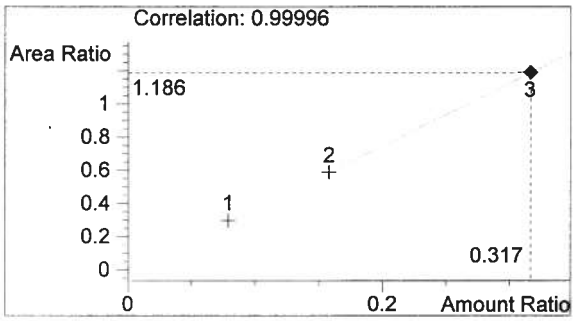
0.316 CAL 3
Chris Johnston

vial # 4

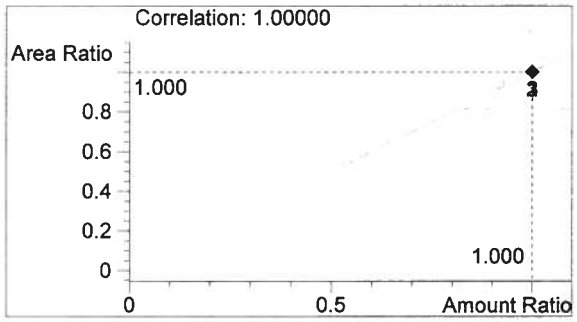


#	Compound	Area	RT
1	ETHANOL	2711	1.068
2	n-PROPANOL	2286	1.828

Totals:



ETHANOL 0.317 g/100ml



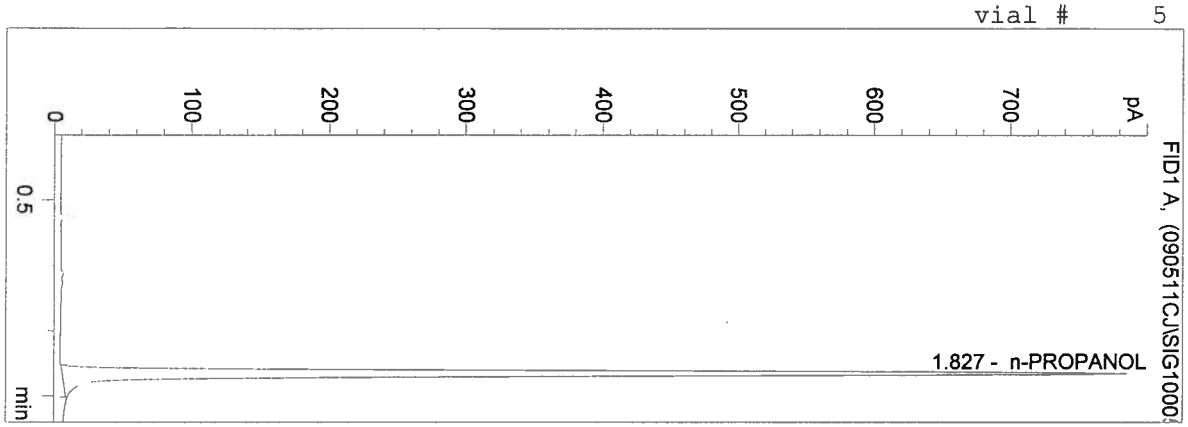
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:46:53 PM
Instrument 3
db-alc2

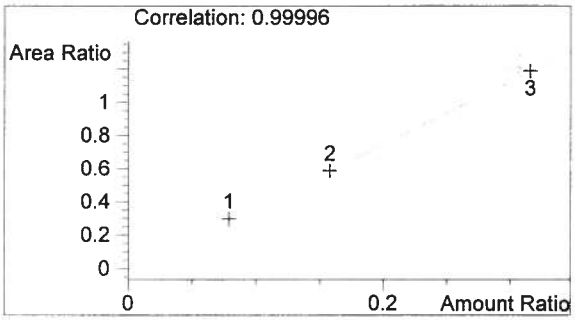
NEG CTRL-CJ
Chris Johnston

vial # 5



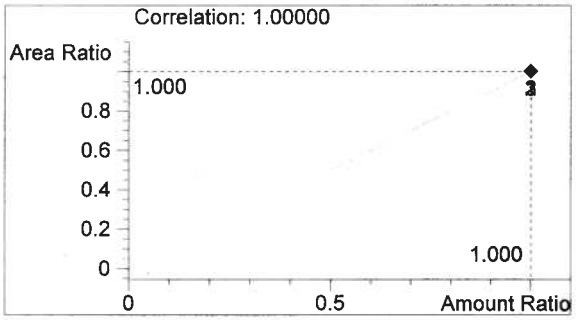
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2277	1.827

Totals:



ETHANOL 0.000 g/100ml

CJ



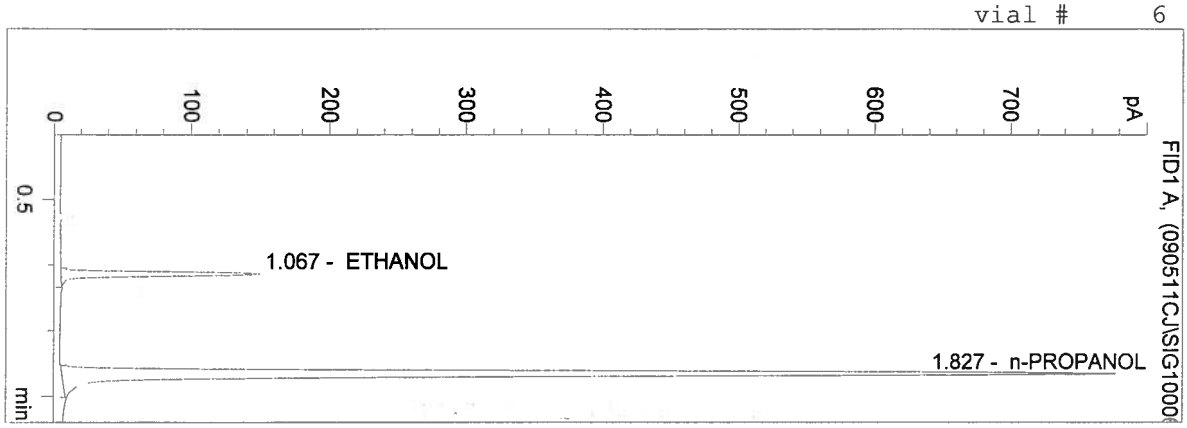
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:50:01 PM
Instrument 3
db-alc2

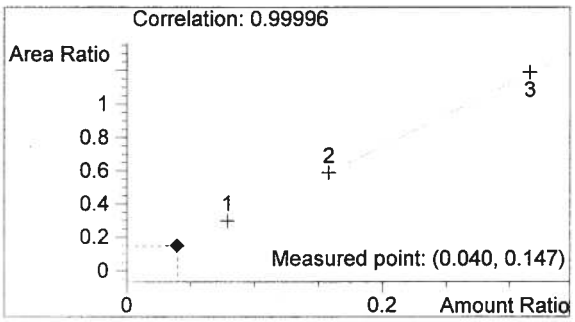
0.04 CTRL-CJ
Chris Johnston

vial # 6



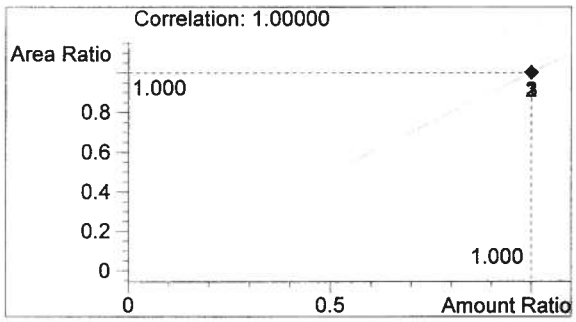
#	Compound	Area	RT
1	ETHANOL	332	1.067
2	n-PROPANOL	2253	1.827

Totals:



ETHANOL 0.040 g/100ml

CJ



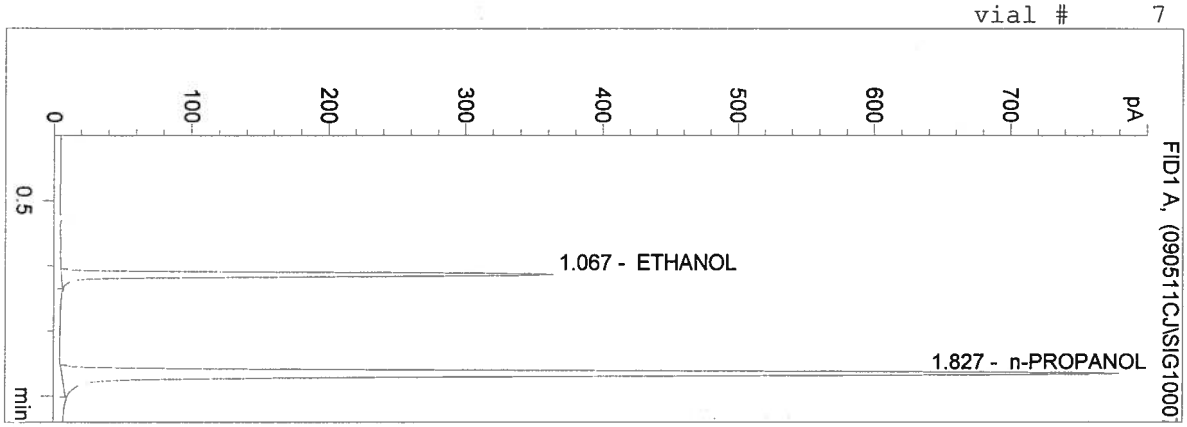
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:53:09 PM
Instrument 3
db-alc2

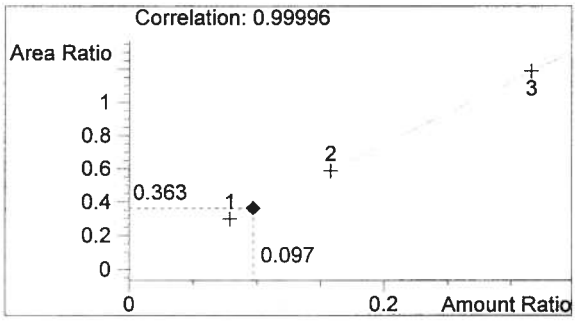
0.10 CTRL-CJ
Chris Johnston

vial # 7



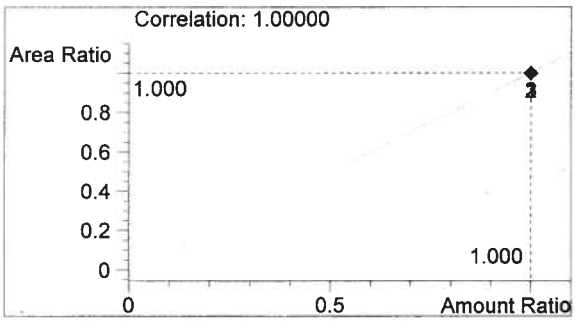
#	Compound	Area	RT
1	ETHANOL	820	1.067
2	n-PROPANOL	2261	1.827

Totals:



ETHANOL 0.097 g/100ml

CJ



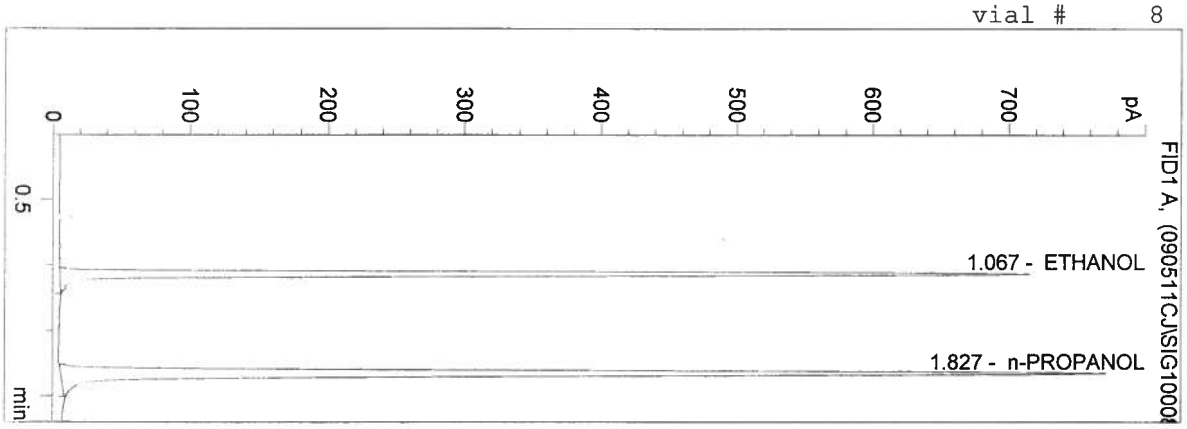
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:56:16 PM
Instrument 3
db-alc2

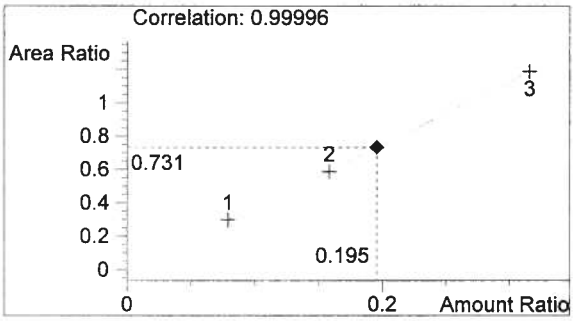
0.20 CTRL-CJ
Chris Johnston

vial # 8



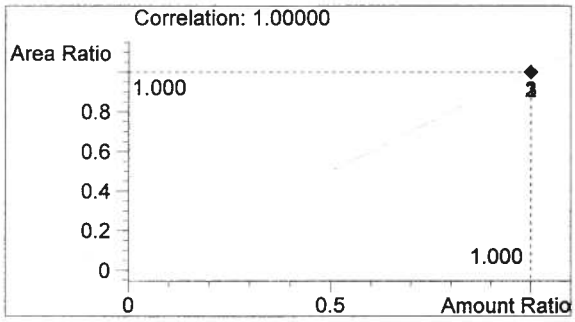
#	Compound	Area	RT
1	ETHANOL	1633	1.067
2	n-PROPANOL	2234	1.827

Totals:



ETHANOL 0.195 g/100ml

CJ



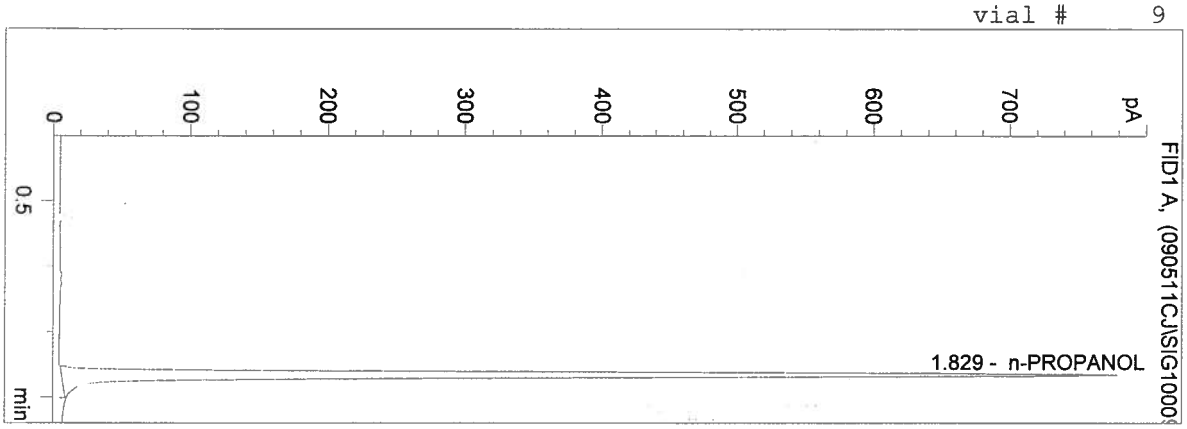
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:59:24 PM
Instrument 3
db-alc2

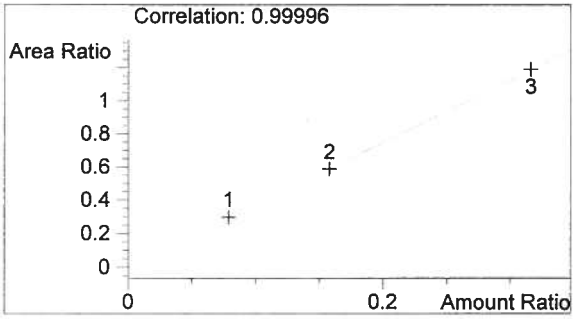
NEG CTRL-CJ
Chris Johnston

vial # 9

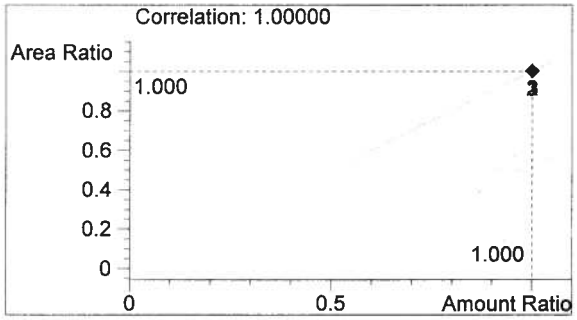


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2261	1.829

Totals:



ETHANOL 0.000 g/100ml



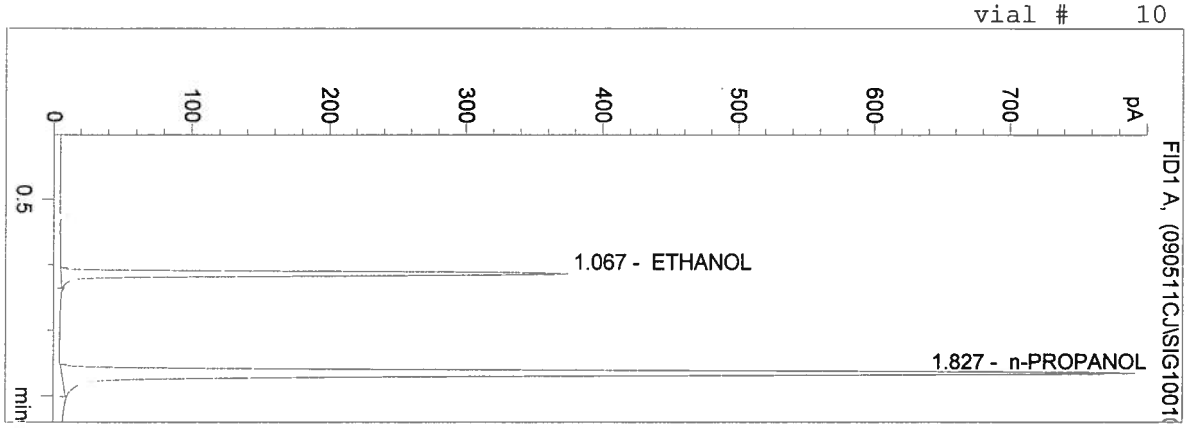
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

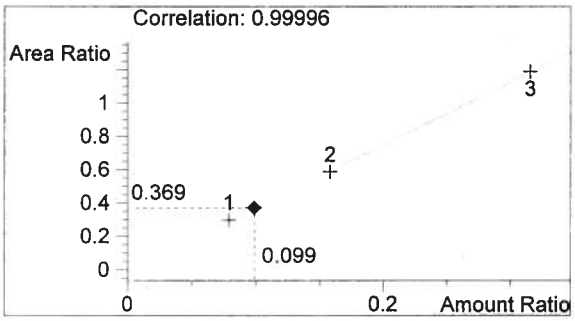
C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 7:02:32 PM
Instrument 3
db-alc2

09022 #1 CJ
Chris Johnston

vial # 10

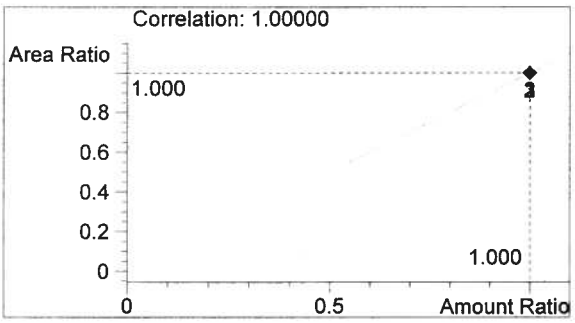


#	Compound	Area	RT
1	ETHANOL	849	1.067
2	n-PROPANOL	2298	1.827
Totals:			



ETHANOL 0.099 g/100ml

CJ



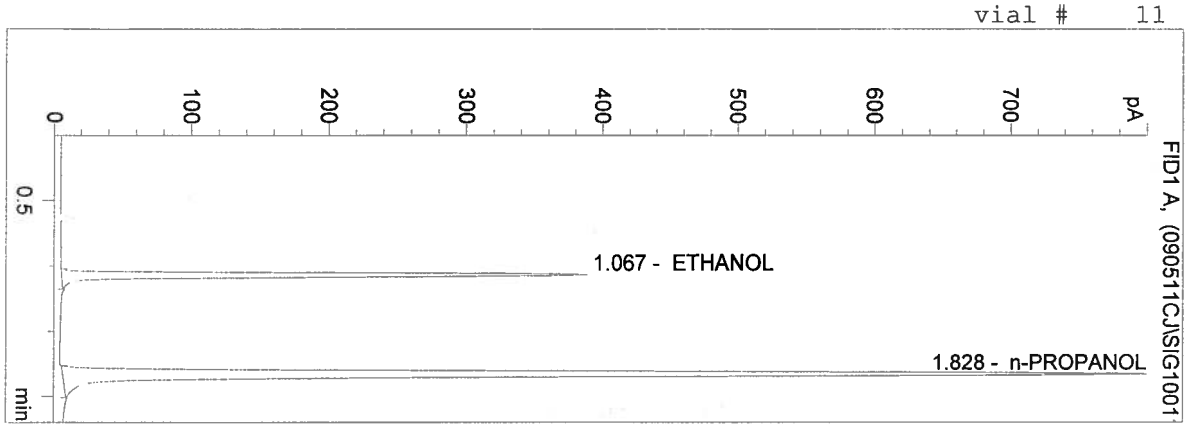
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

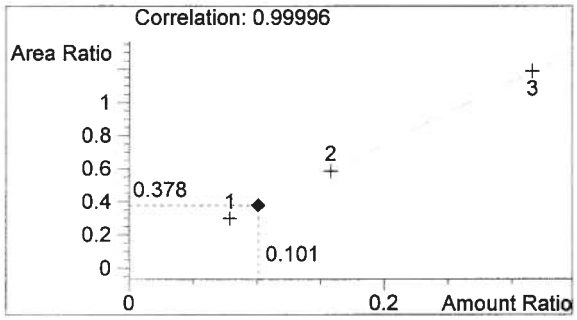
C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 7:05:39 PM
Instrument 3
db-alc2

09022 #2 CJ
Chris Johnston

vial # 11

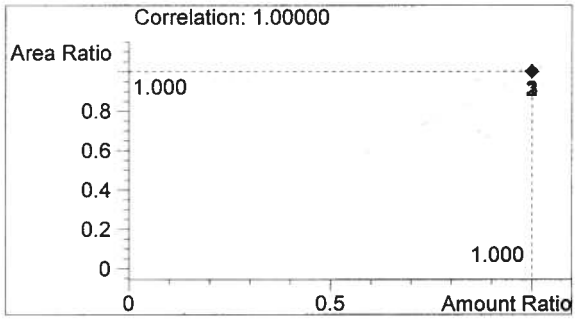


#	Compound	Area	RT
1	ETHANOL	873	1.067
2	n-PROPANOL	2310	1.828
Totals:			



ETHANOL 0.101 g/100ml

CJ



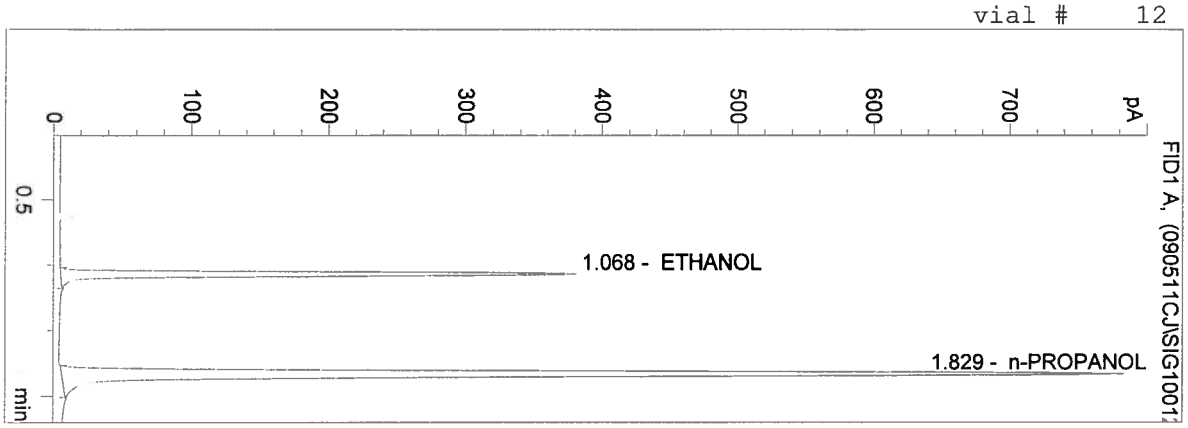
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

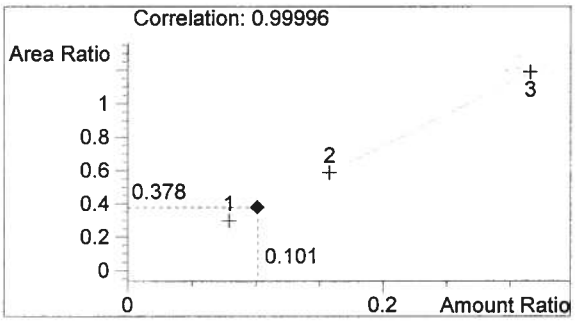
C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 7:08:47 PM
Instrument 3
db-alc2

09022 #3 CJ
Chris Johnston

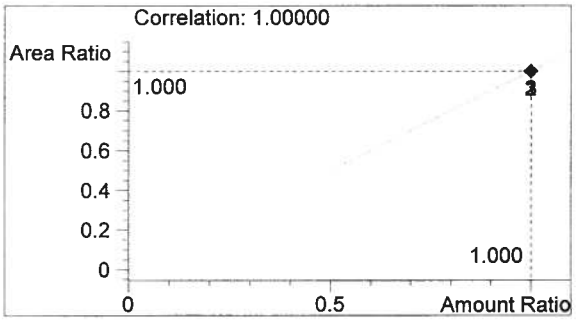
vial # 12



#	Compound	Area	RT
1	ETHANOL	855	1.068
2	n-PROPANOL	2263	1.829
Totals:			



ETHANOL 0.101 g/100ml



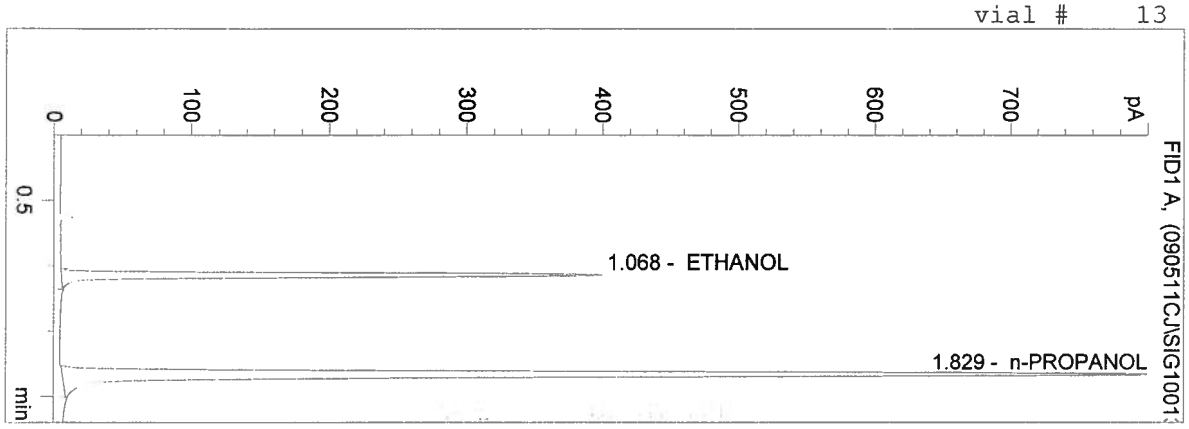
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 7:11:55 PM
Instrument 3
db-alc2

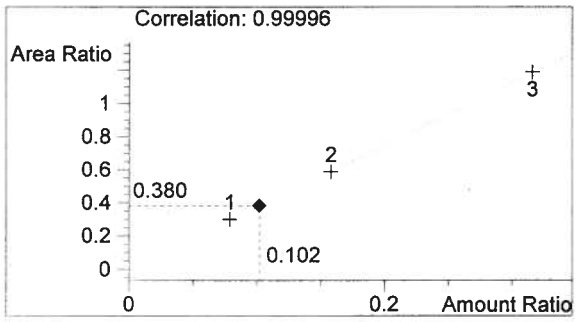
09022 #4 CJ
Chris Johnston

vial # 13



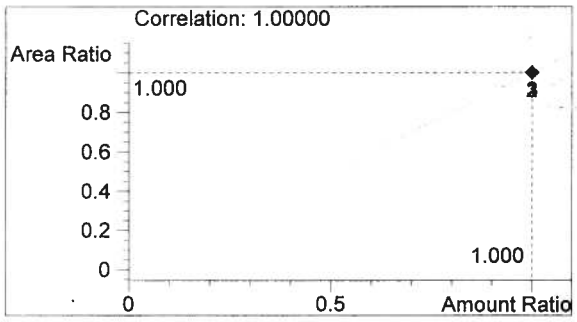
#	Compound	Area	RT
1	ETHANOL	898	1.068
2	n-PROPANOL	2360	1.829

Totals:



ETHANOL 0.102 g/100ml

CJ



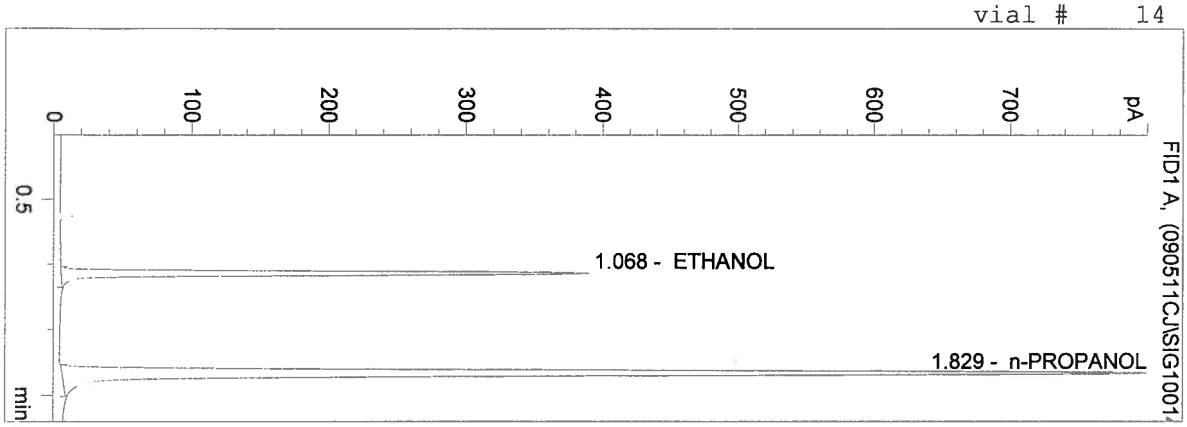
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 7:15:03 PM
Instrument 3
db-alc2

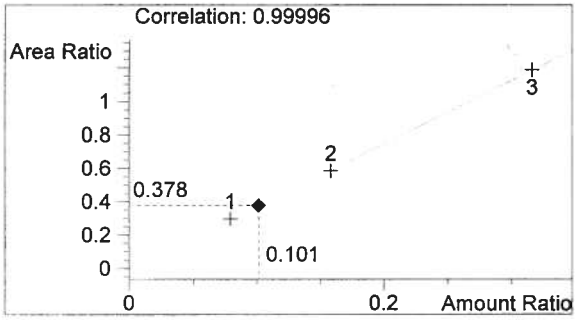
09022 #5 CJ
Chris Johnston

vial # 14

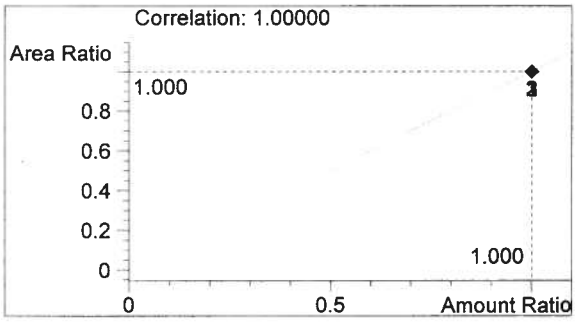


#	Compound	Area	RT
1	ETHANOL	876	1.068
2	n-PROPANOL	2316	1.829

Totals:



ETHANOL 0.101 g/100ml



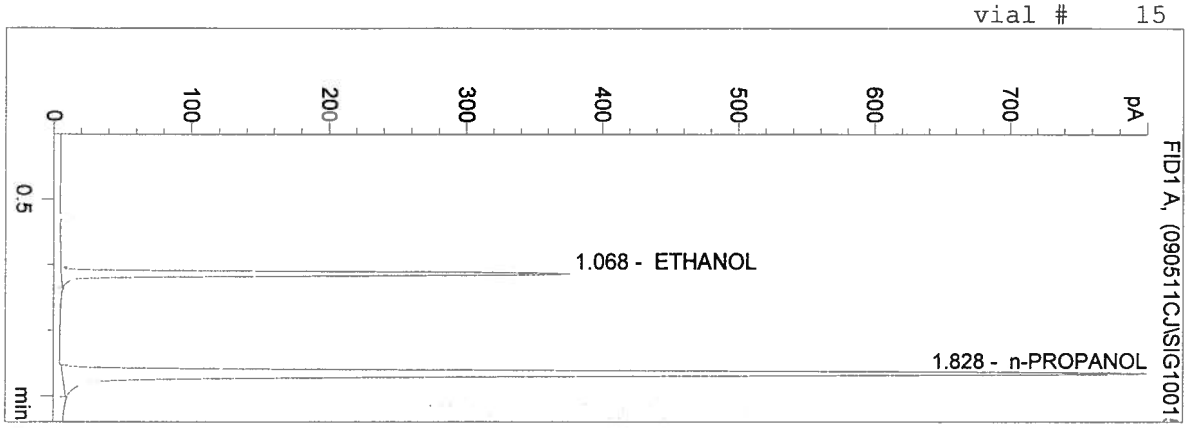
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 7:18:10 PM
Instrument 3
db-alc2

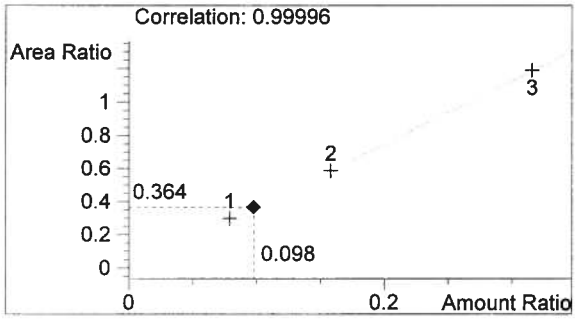
0.10 CTRL-CJ
Chris Johnston

vial # 15



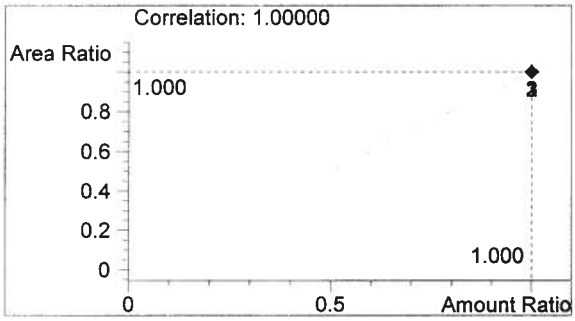
#	Compound	Area	RT
1	ETHANOL	846	1.068
2	n-PROPANOL	2320	1.828

Totals:



ETHANOL 0.098 g/100ml

CJ



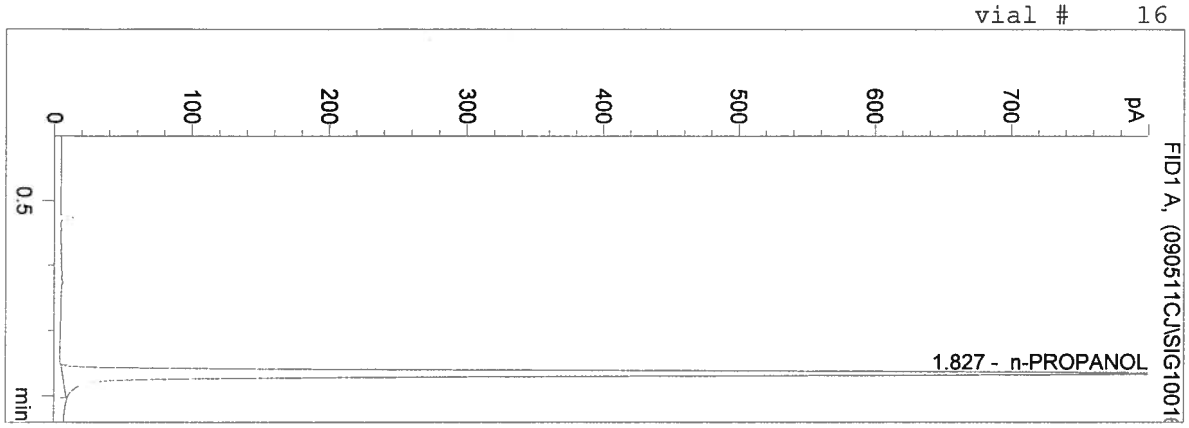
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 7:21:18 PM
Instrument 3
db-alc2

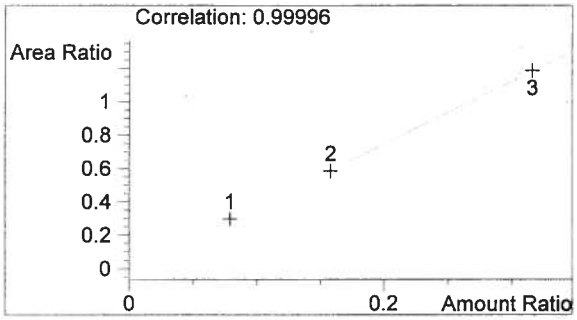
NEG CTRL-CJ
Chris Johnston

vial # 16

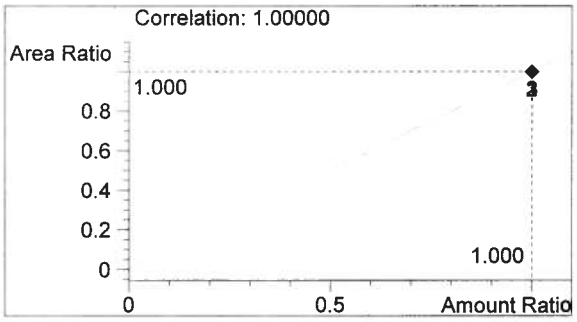


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2387	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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:	090511NA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # 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 CAL1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL3	SIMALC	1	Calib		
5	Vial 5	NEG CTL-NN	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTL-NN	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTL-NN	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTL-NN	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTL-NN	SIMALC	1	Ctrl Samp		
10	Vial 10	ESS 09022-1	SIMALC	1	Sample		
11	Vial 11	ESS 09022-2	SIMALC	1	Sample		
12	Vial 12	ESS 09022-3	SIMALC	1	Sample		
13	Vial 13	ESS 09022-4	SIMALC	1	Sample		
14	Vial 14	ESS 09022-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTL-NN	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTL-NN	SIMALC	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL1	SIMALC	1	Replace	Replace	
3	Vial 3	0.158 CAL2	SIMALC	2	Replace	Replace	
4	Vial 4	0.316 CAL3	SIMALC	3	Replace	Replace	

Sequence Table (Back Injector):

NN
5/12/09

No entries - empty table!

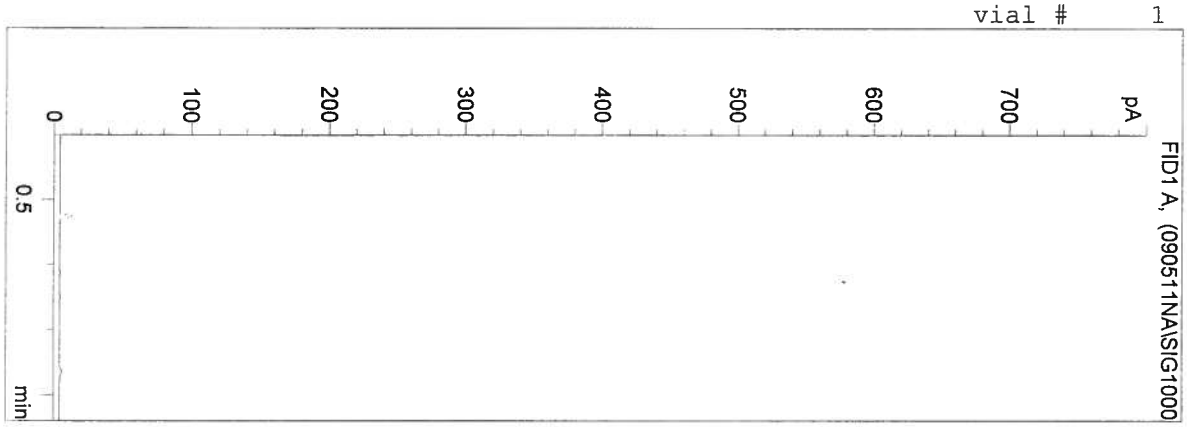
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:24:16 PM
Instrument 3
db-alc2

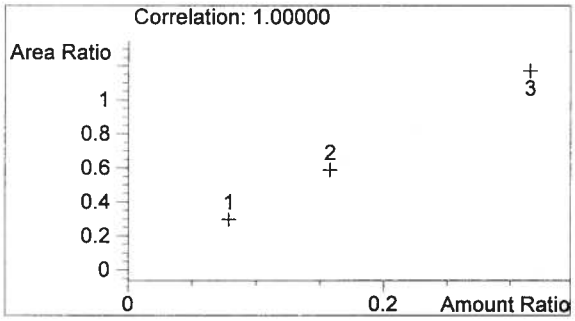
BLANK
Naziha Nuwayhid, PhD

vial # 1

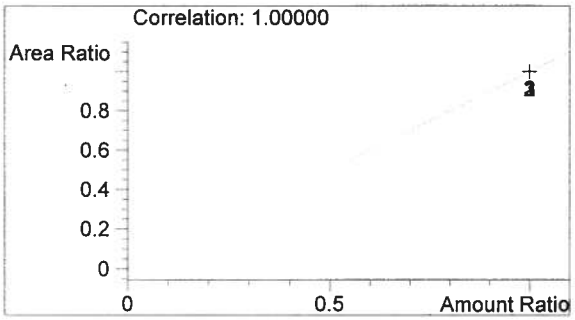


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

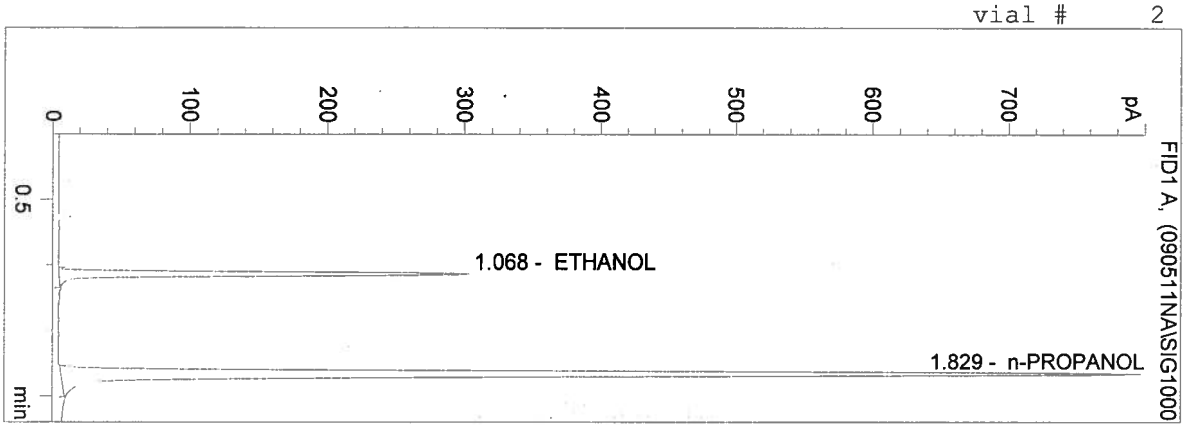
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:27:24 PM
Instrument 3
db-alc2

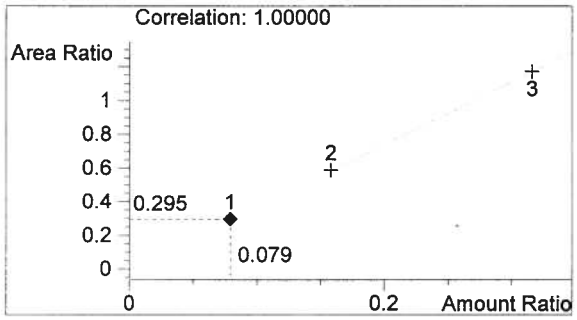
0.079 CAL1
Naziha Nuwayhid, PhD

vial # 2

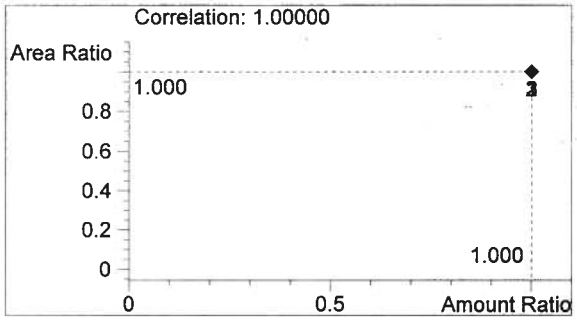


#	Compound	Area	RT
1	ETHANOL	676	1.068
2	n-PROPANOL	2294	1.829

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

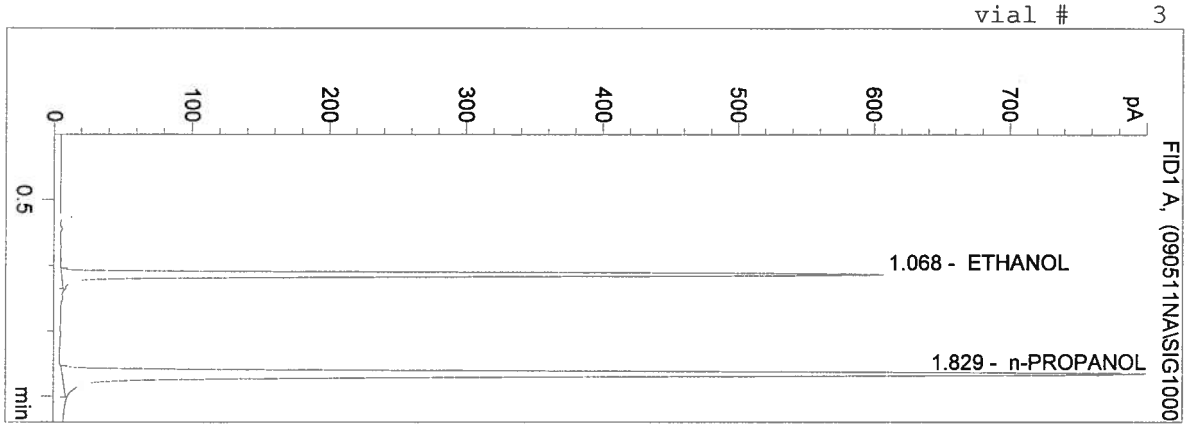
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:30:32 PM
Instrument 3
db-alc2

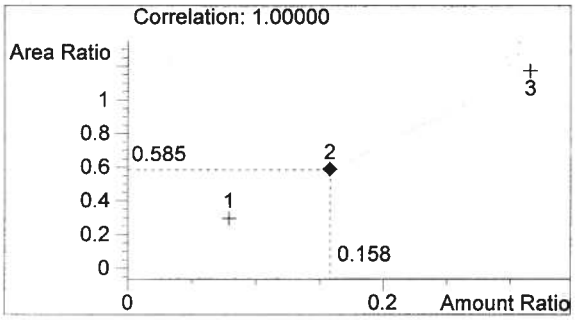
0.158 CAL2
Naziha Nuwayhid, PhD

vial # 3

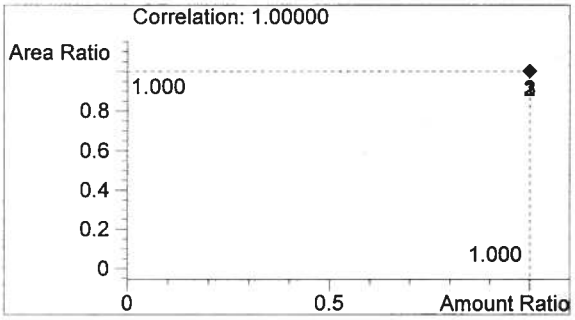


#	Compound	Area	RT
1	ETHANOL	1359	1.068
2	n-PROPANOL	2322	1.829

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

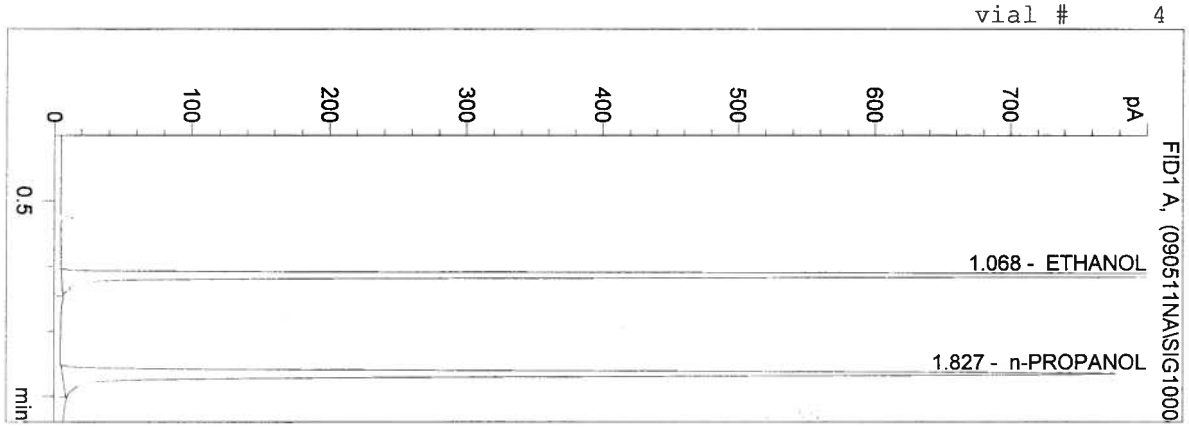
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:33:40 PM
Instrument 3
db-alc2

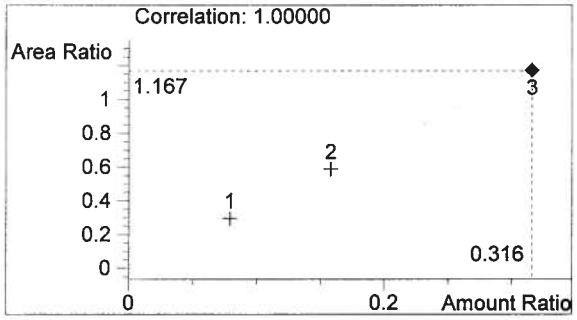
0.316 CAL3
Naziha Nuwayhid, PhD

vial # 4

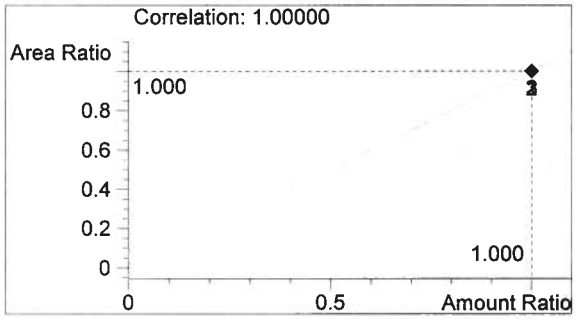


#	Compound	Area	RT
1	ETHANOL	2617	1.068
2	n-PROPANOL	2242	1.827

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

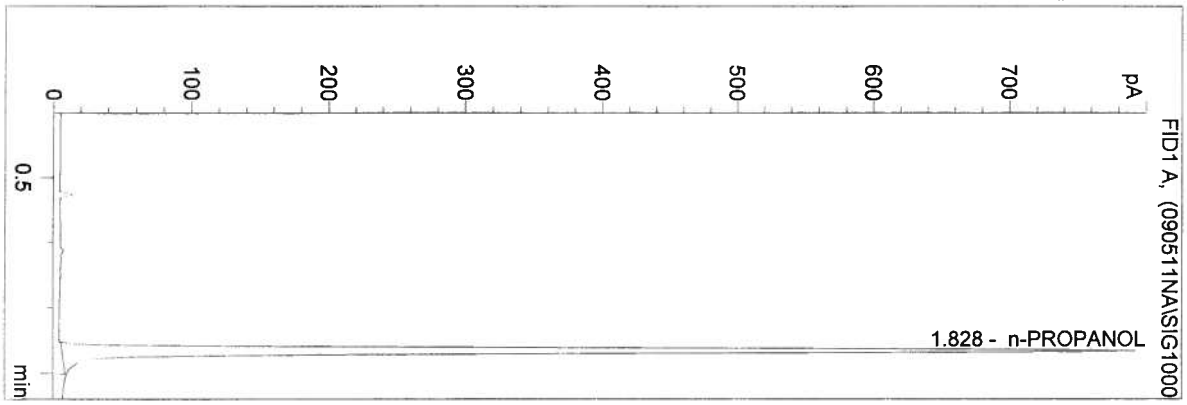
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:36:47 PM
Instrument 3
db-alc2

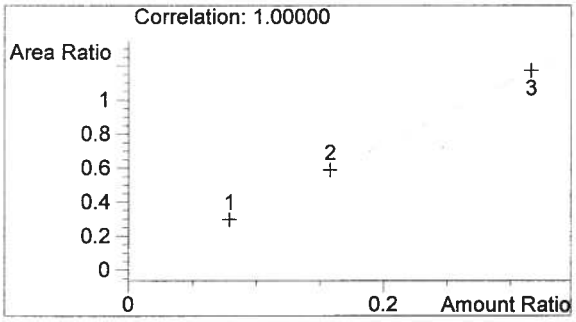
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 5

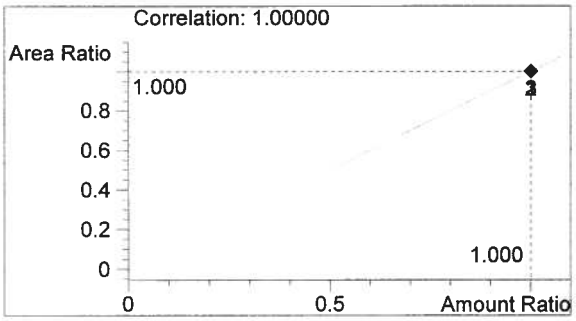


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2281	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

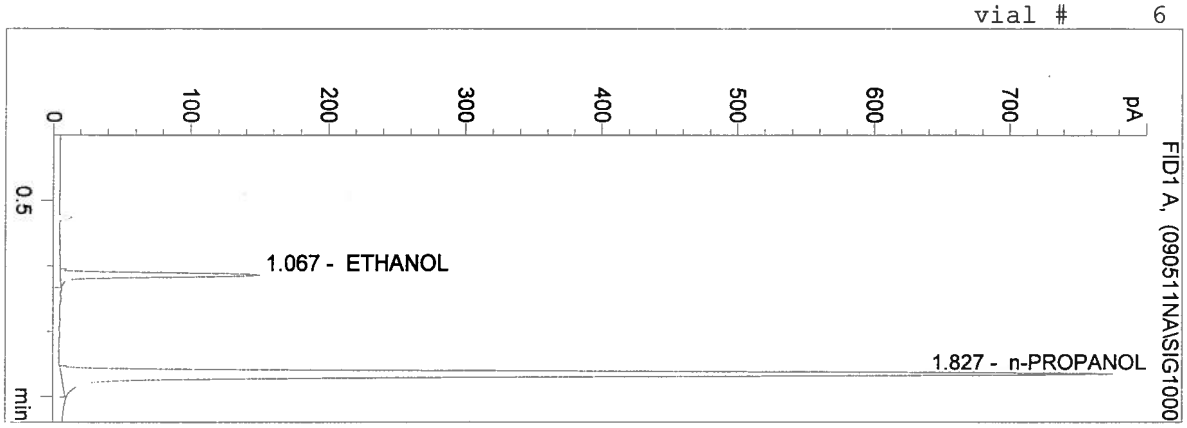
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:39:55 PM
Instrument 3
db-alc2

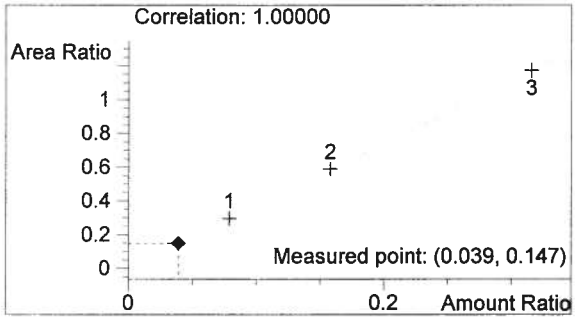
0.04 CTL-NN
Naziha Nuwayhid, PhD

vial # 6

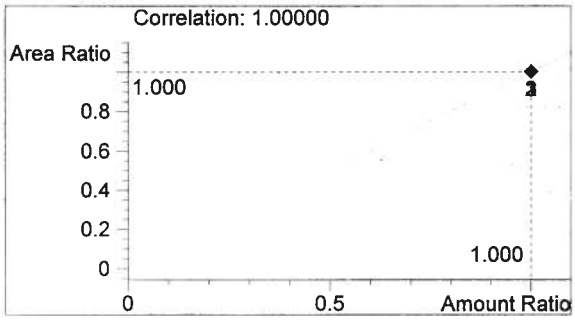


#	Compound	Area	RT
1	ETHANOL	328	1.067
2	n-PROPANOL	2236	1.827

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

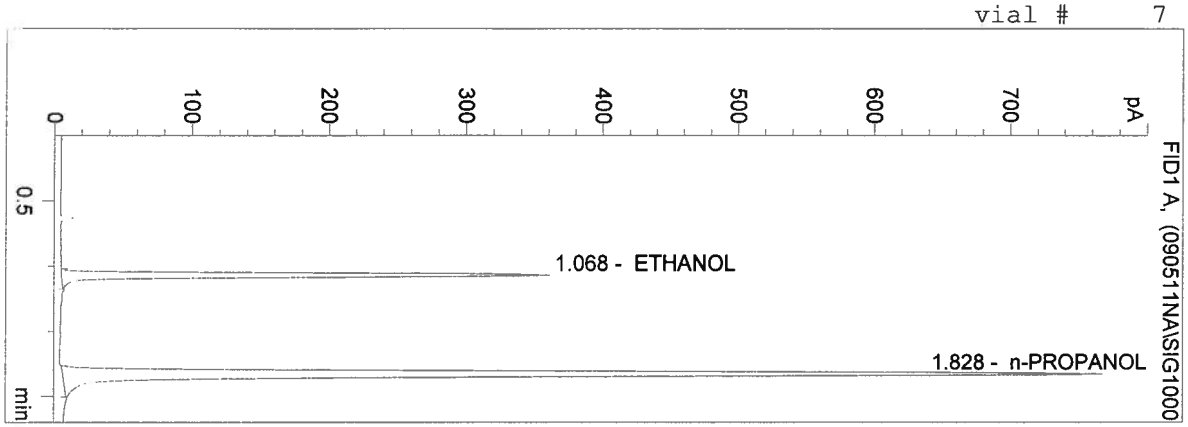
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

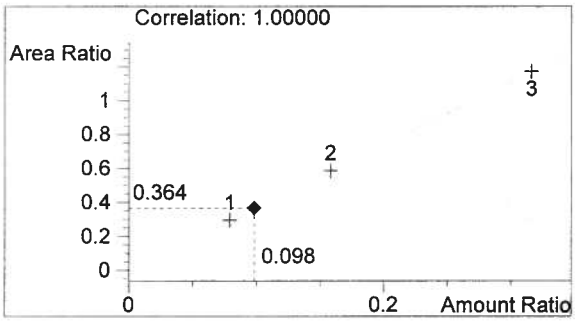
C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:43:03 PM
Instrument 3
db-alc2

0.10 CTL-NN
Naziha Nuwayhid, PhD

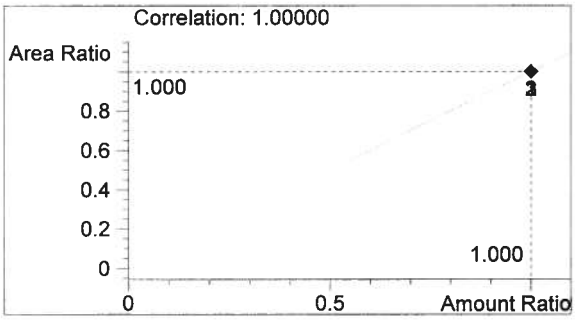
vial # 7



#	Compound	Area	RT
1	ETHANOL	806	1.068
2	n-PROPANOL	2212	1.828
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

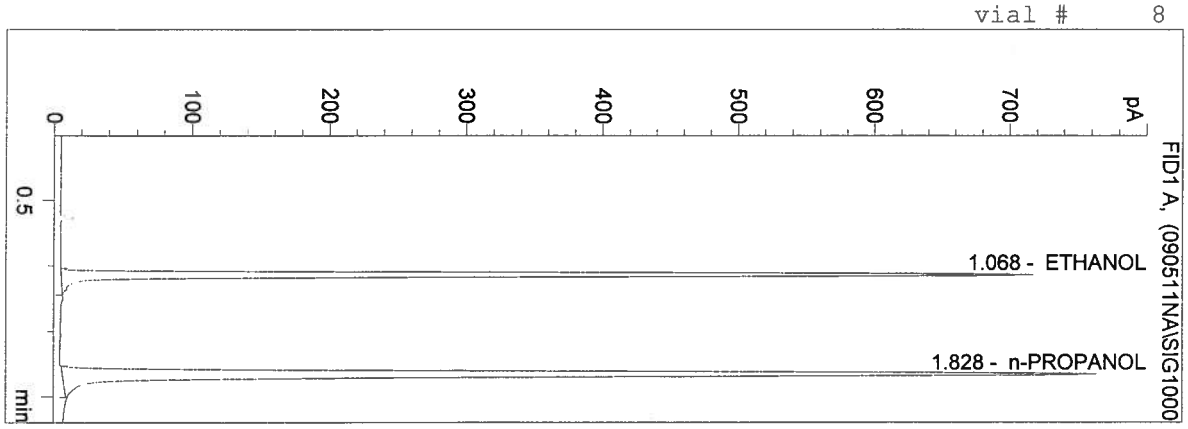
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:46:11 PM
Instrument 3
db-alc2

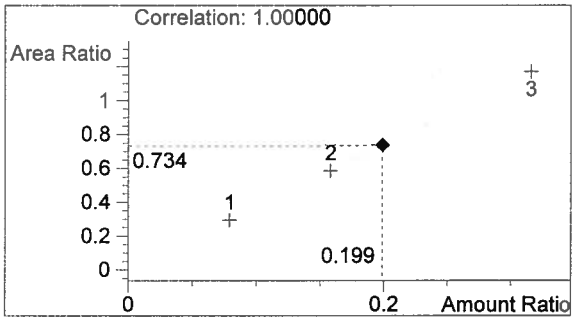
0.20 CTL-NN
Naziha Nuwayhid, PhD

vial # 8

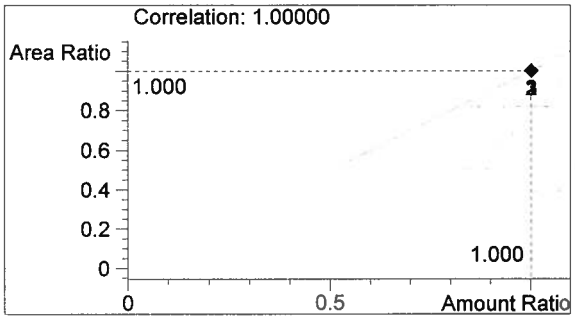


#	Compound	Area	RT
1	ETHANOL	1618	1.068
2	n-PROPANOL	2203	1.828

Totals:



ETHANOL 0.199 g/100ml



n-PROPANOL 1.000 g/100ml

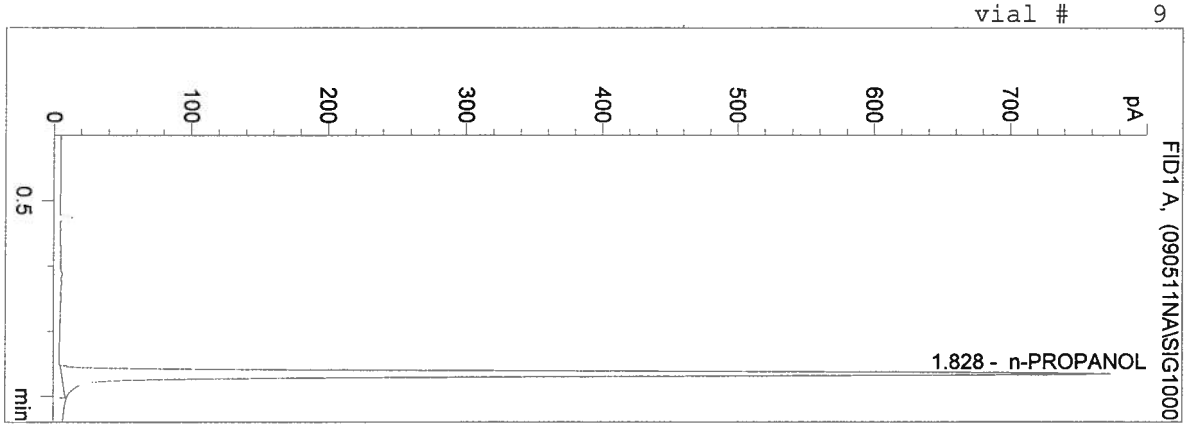
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:49:19 PM
Instrument 3
db-alc2

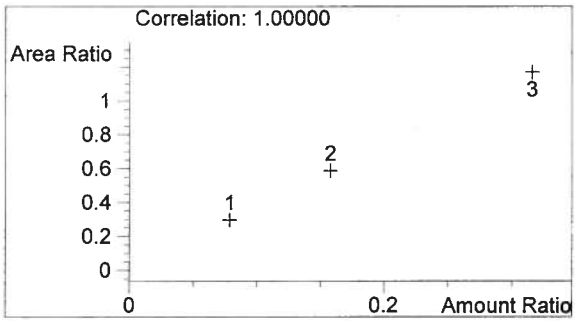
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 9

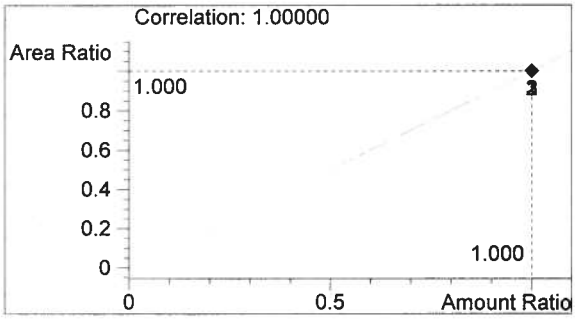


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2243	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

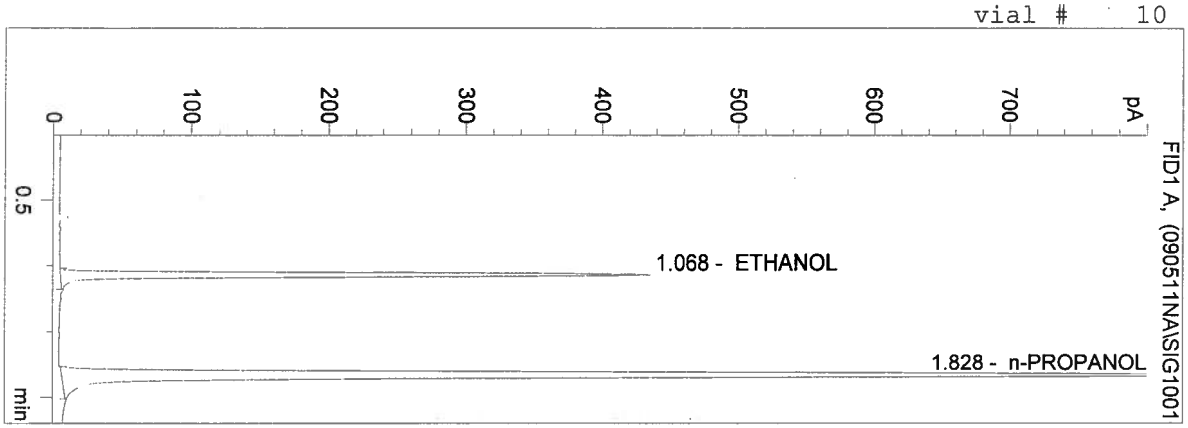
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:52:26 PM
Instrument 3
db-alc2

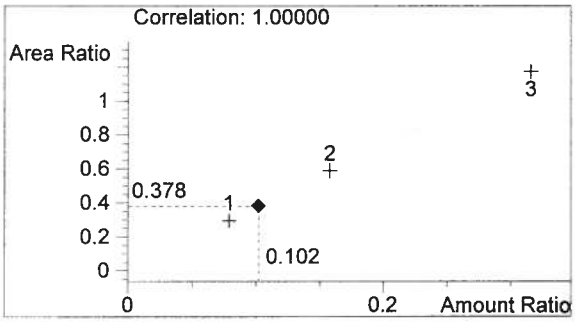
ESS 09022-1
Naziha Nuwayhid, PhD

vial # 10

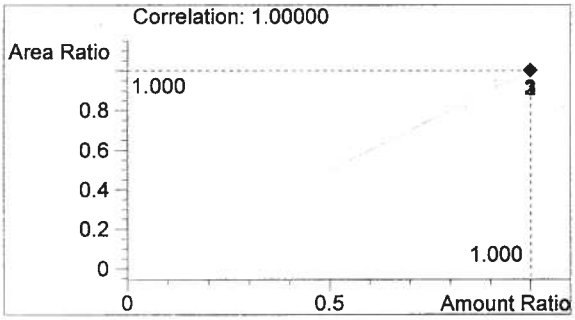


#	Compound	Area	RT
1	ETHANOL	969	1.068
2	n-PROPANOL	2563	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

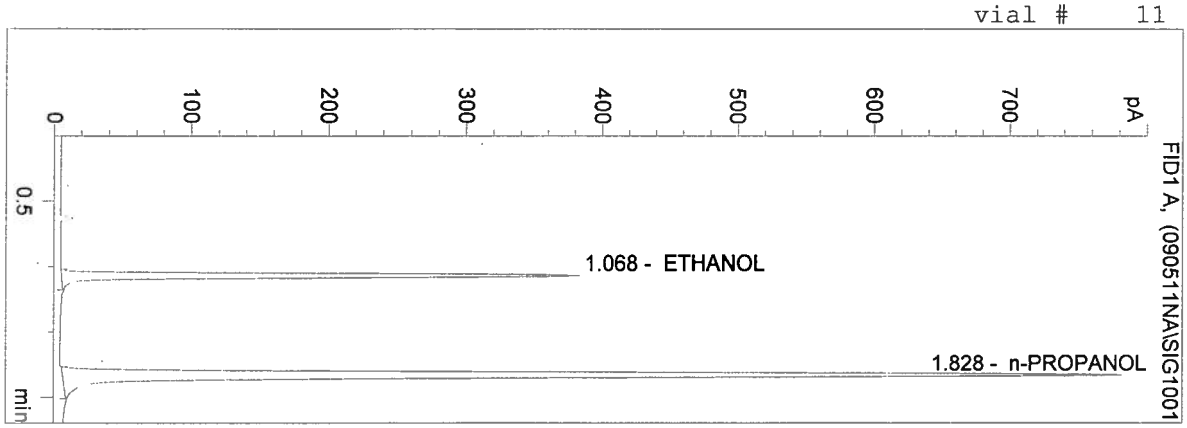
NV
5/17/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:55:34 PM
Instrument 3
db-alc2

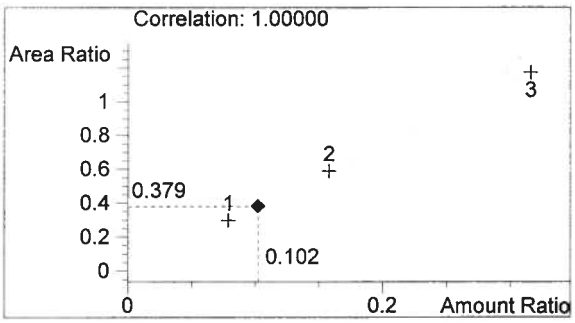
ESS 09022-2
Naziha Nuwayhid, PhD

vial # 11

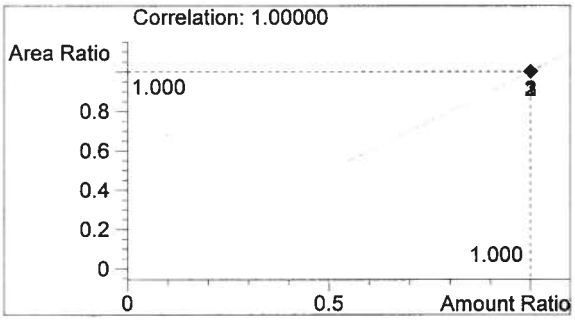


#	Compound	Area	RT
1	ETHANOL	856	1.068
2	n-PROPANOL	2256	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

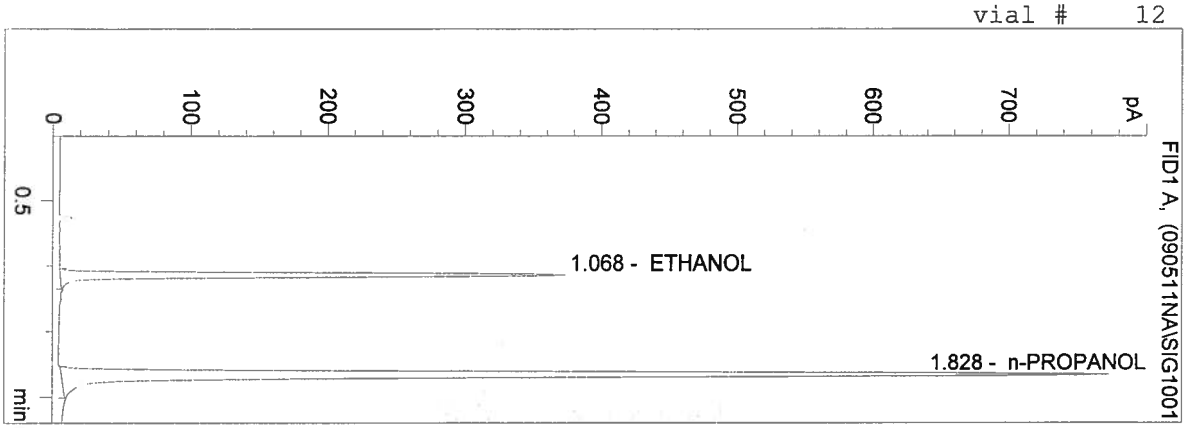
NW
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 5:58:42 PM
Instrument 3
db-alc2

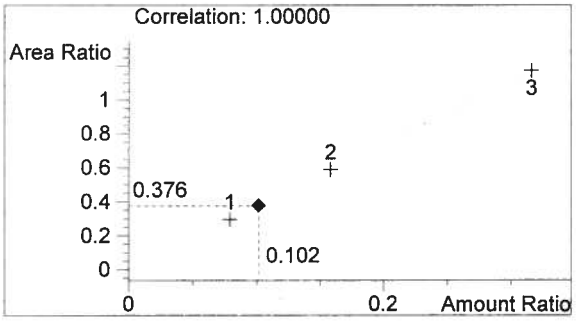
ESS 09022-3
Naziha Nuwayhid, PhD

vial # 12

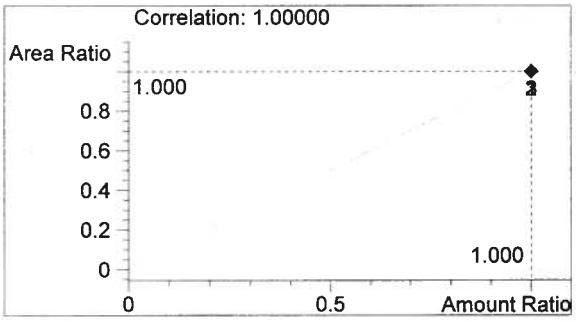


#	Compound	Area	RT
1	ETHANOL	842	1.068
2	n-PROPANOL	2237	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

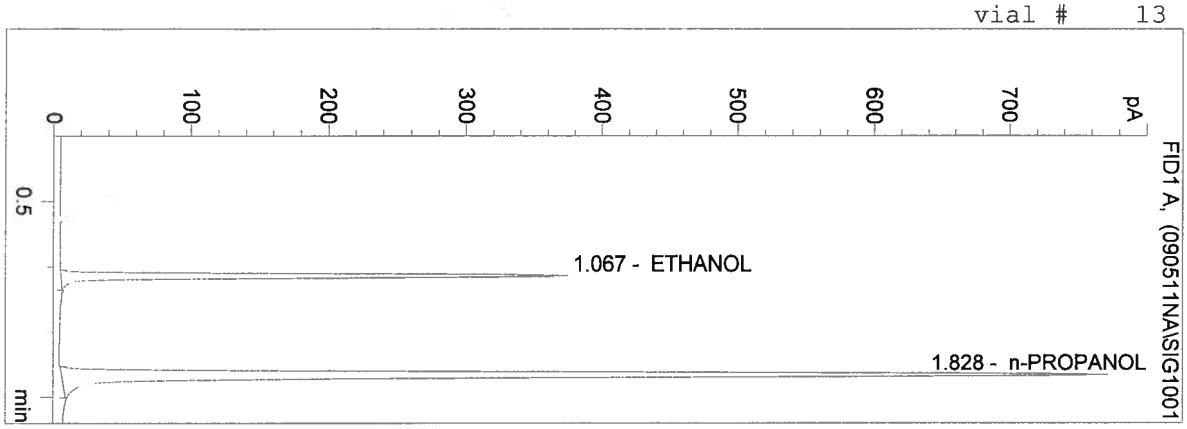
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:01:50 PM
Instrument 3
db-alc2

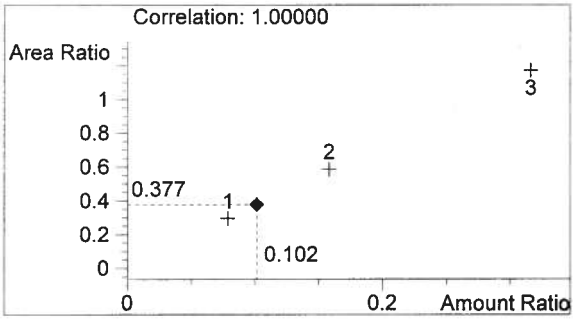
ESS 09022-4
Naziha Nuwayhid, PhD

vial # 13

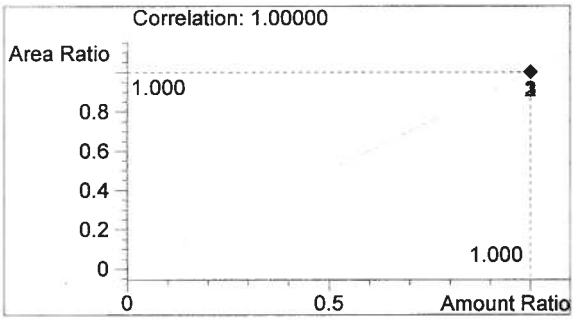


#	Compound	Area	RT
1	ETHANOL	841	1.067
2	n-PROPANOL	2231	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

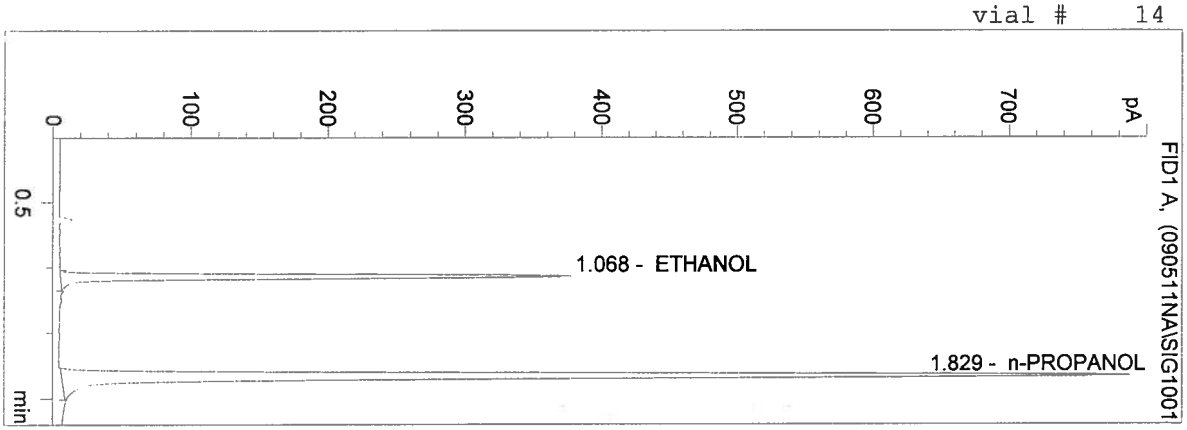
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:04:58 PM
Instrument 3
db-alc2

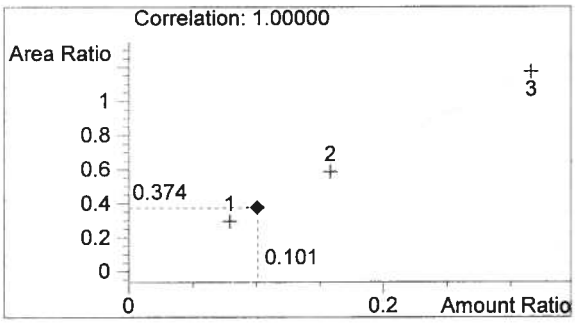
ESS 09022-5
Naziha Nuwayhid, PhD

vial # 14

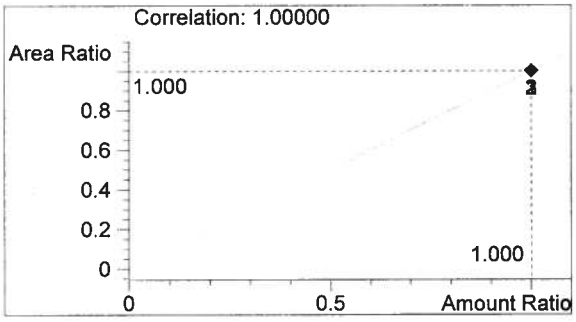


#	Compound	Area	RT
1	ETHANOL	851	1.068
2	n-PROPANOL	2277	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

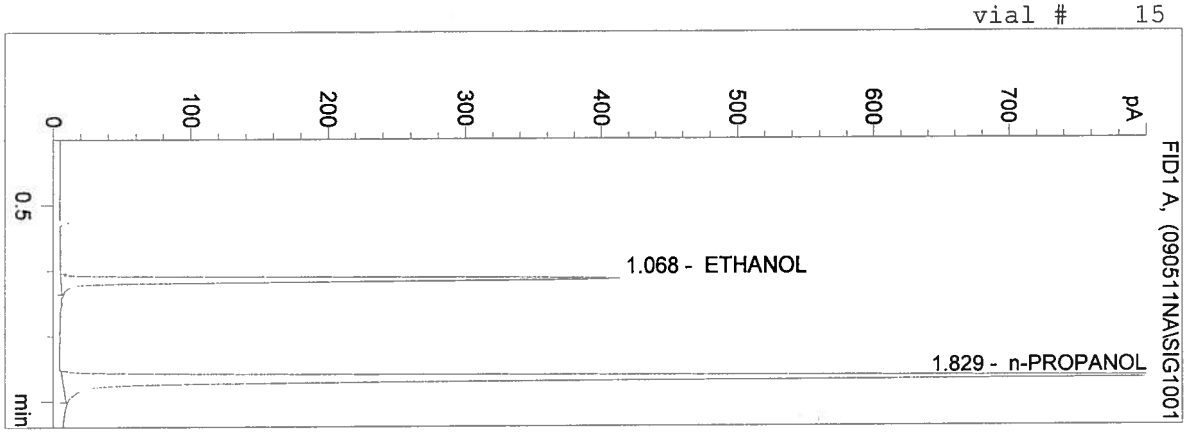
NN
5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:08:05 PM
Instrument 3
db-alc2

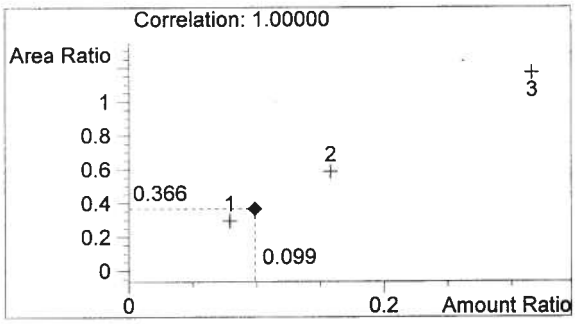
0.10 CTL-NN
Naziha Nuwayhid, PhD

vial # 15

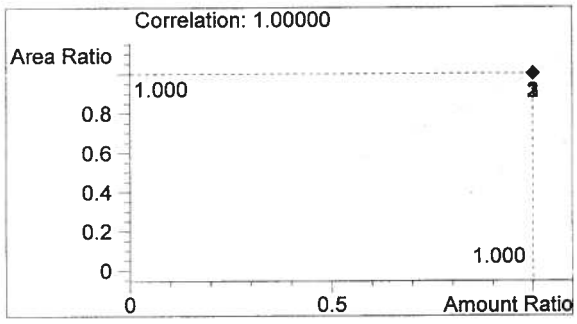


#	Compound	Area	RT
1	ETHANOL	920	1.068
2	n-PROPANOL	2513	1.829

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

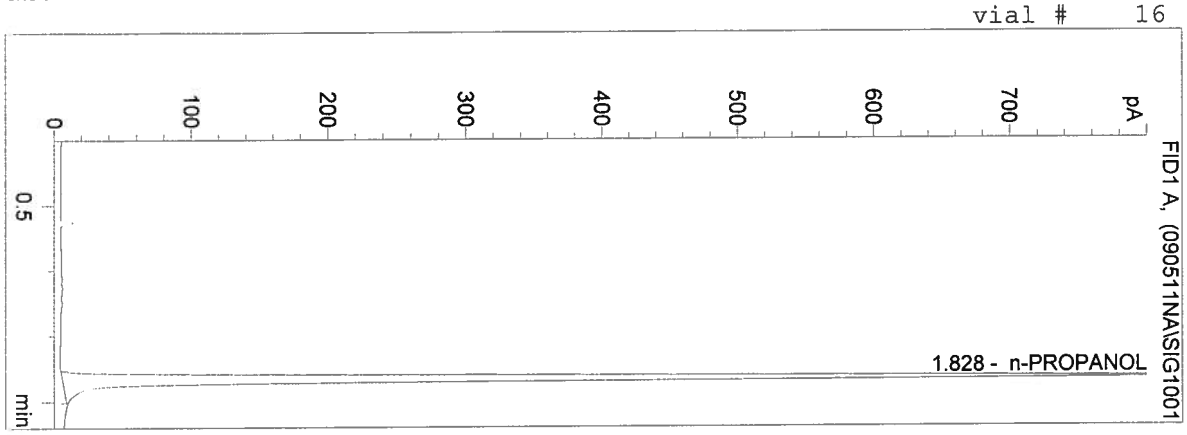
NN 5/12/09

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/11/2009 6:11:13 PM
Instrument 3
db-alc2

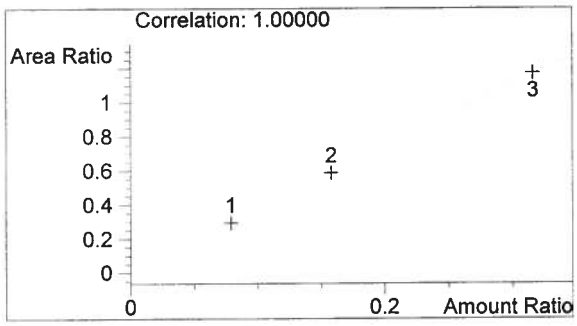
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 16

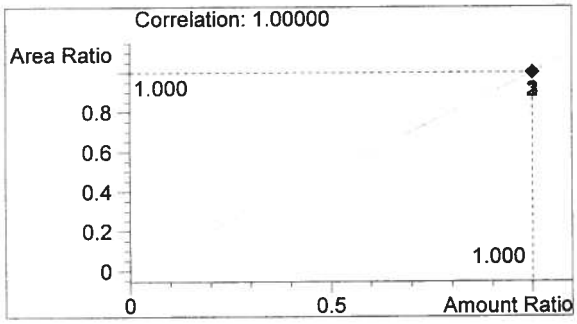


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2370	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

NN
5/12/09

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

Sequence Parameters:

Operator:	Christie Mitchell
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090512CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CM	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CM	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
10	Vial 10	ESS 09022 #1	SIMALC	1	Sample		
11	Vial 11	ESS 09022 #2	SIMALC	1	Sample		
12	Vial 12	ESS 09022 #3	SIMALC	1	Sample		
13	Vial 13	ESS 09022 #4	SIMALC	1	Sample		
14	Vial 14	ESS 09022 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CM	SIMALC	1	Ctrl Samp		

CM

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

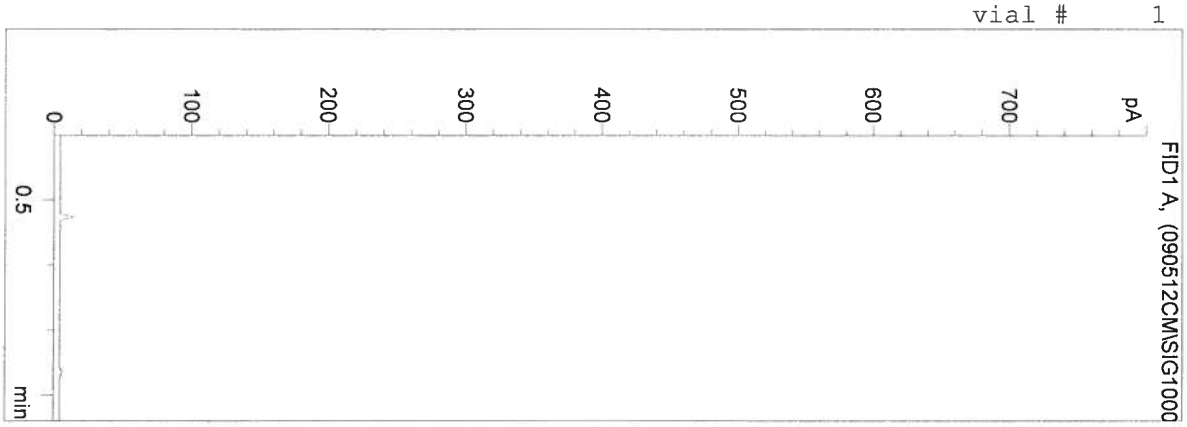
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:27:51 AM
Instrument 3
db-alc2

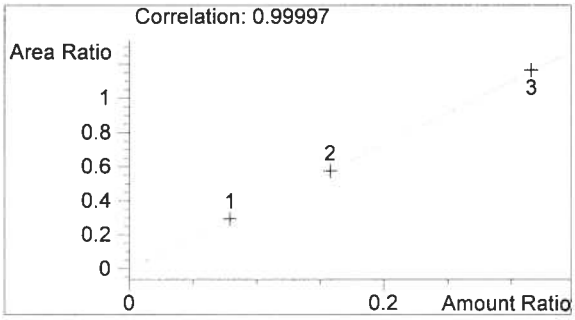
BLANK
Christie Mitchell

vial # 1

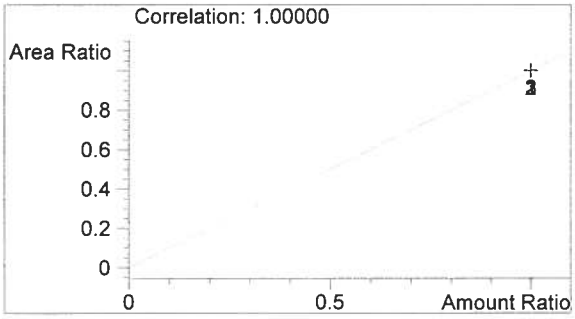


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

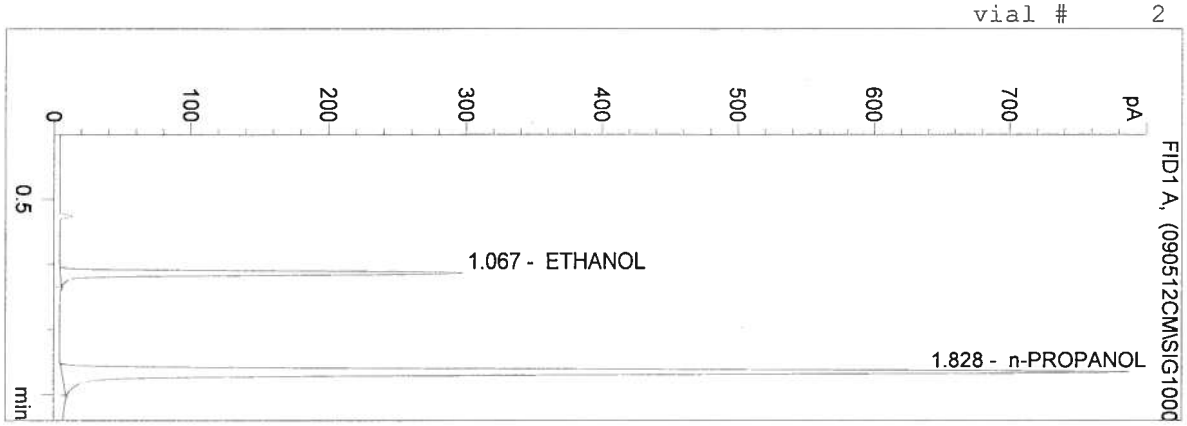
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:30:59 AM
Instrument 3
db-alc2

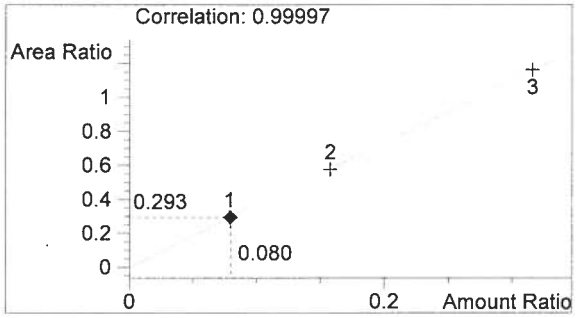
0.079 CAL 1
Christie Mitchell

vial # 2

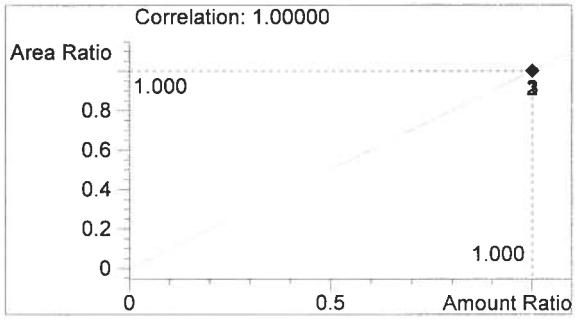


#	Compound	Area	RT
1	ETHANOL	668	1.067
2	n-PROPANOL	2277	1.828

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

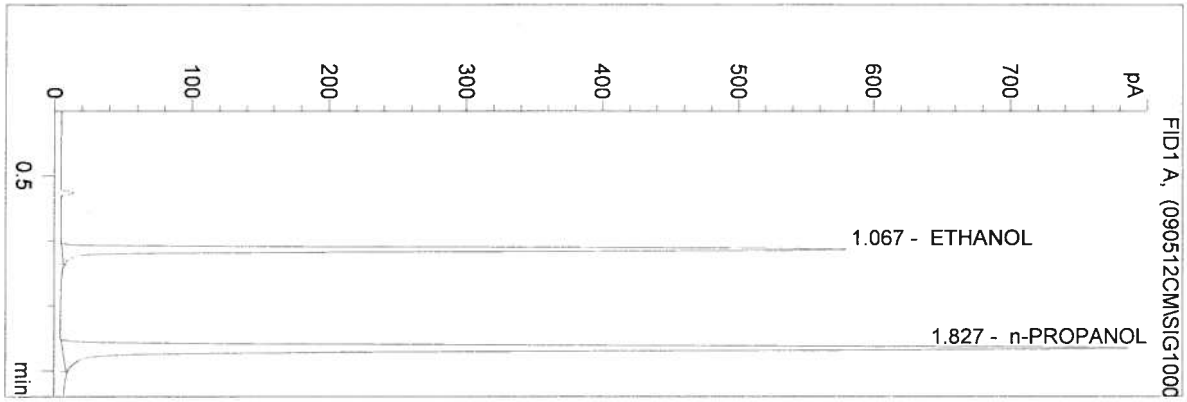
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:34:07 AM
Instrument 3
db-alc2

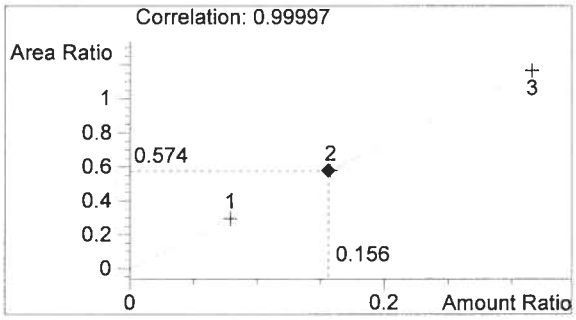
0.158 CAL 2
Christie Mitchell

vial # 3

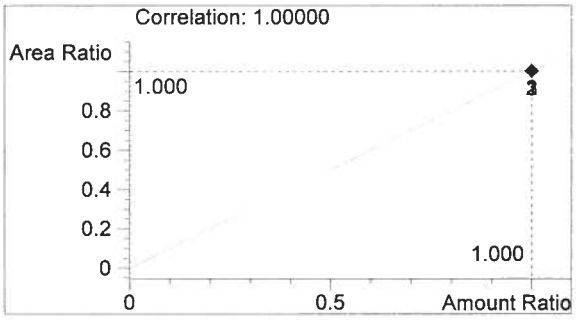


#	Compound	Area	RT
1	ETHANOL	1307	1.067
2	n-PROPANOL	2278	1.827

Totals:



ETHANOL 0.156 g/100ml



n-PROPANOL 1.000 g/100ml

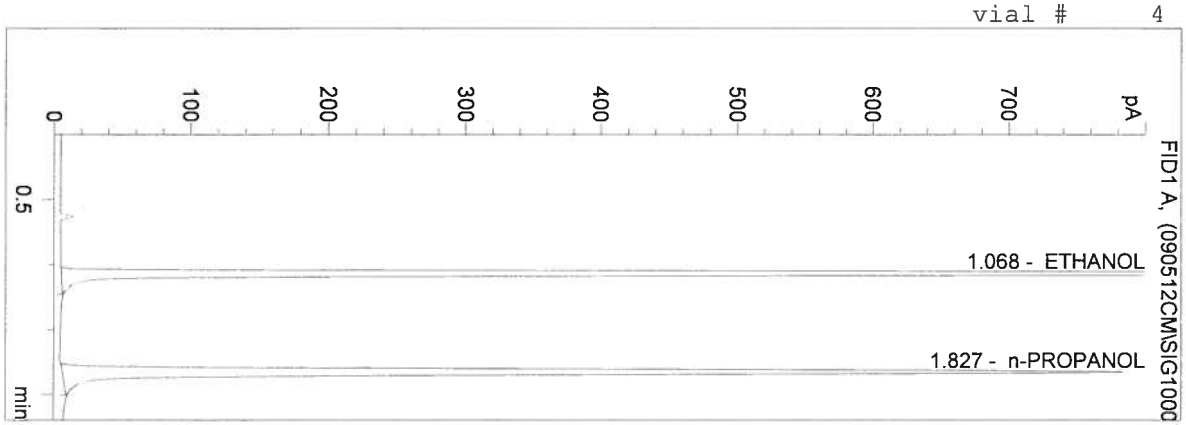
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

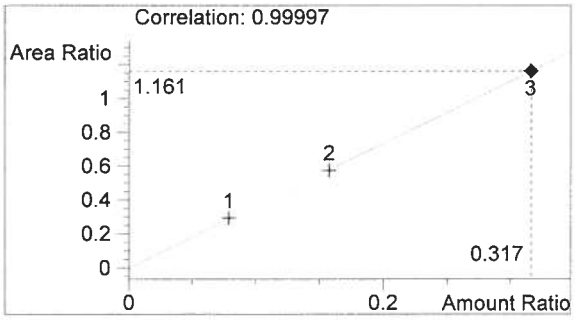
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:37:14 AM
Instrument 3
db-alc2

0.316 CAL 3
Christie Mitchell

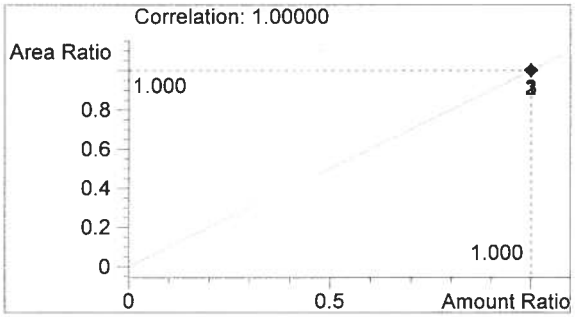
vial # 4



#	Compound	Area	RT
1	ETHANOL	2628	1.068
2	n-PROPANOL	2264	1.827
Totals:			



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

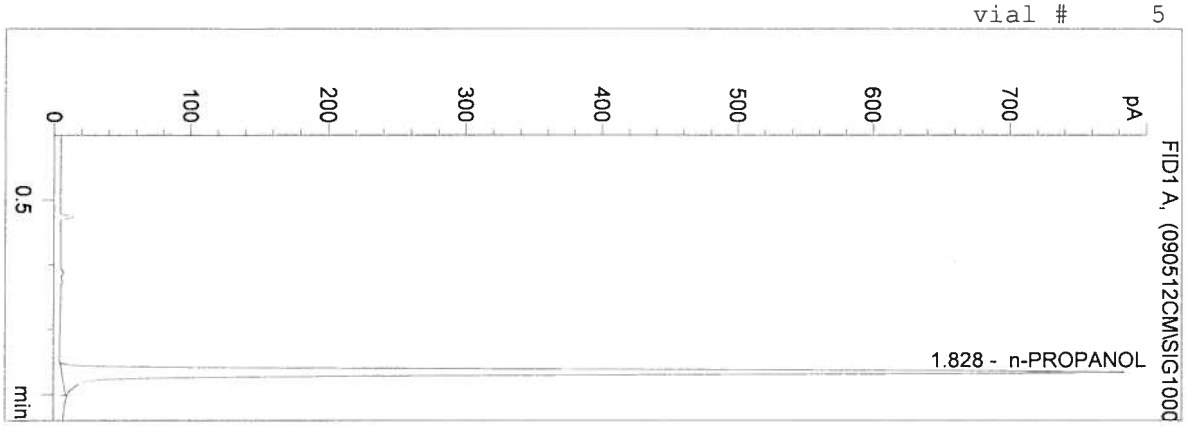
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:40:22 AM
Instrument 3
db-alc2

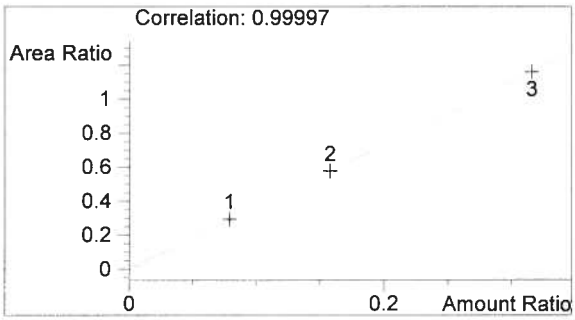
NEG CTRL-CM
Christie Mitchell

vial # 5

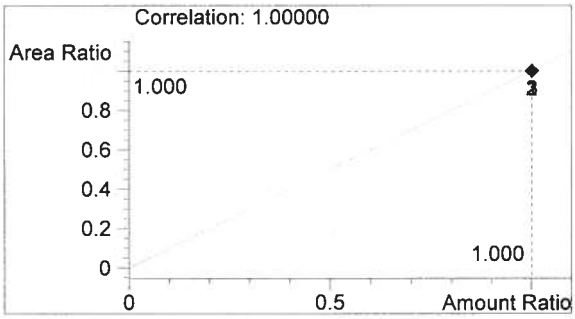


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2280	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

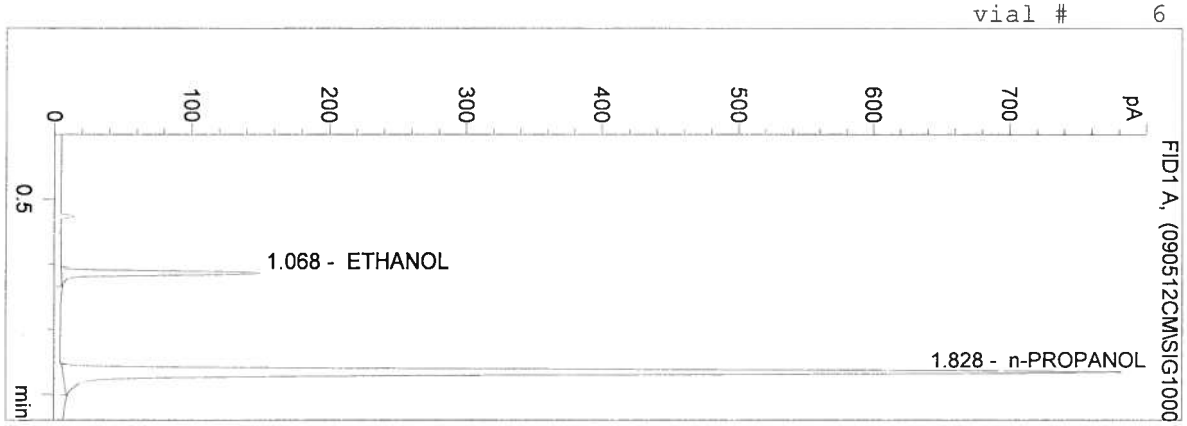
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

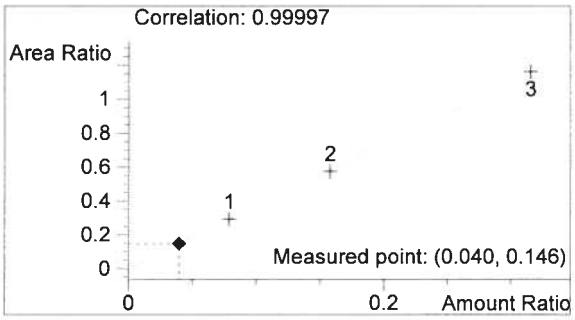
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:43:30 AM
Instrument 3
db-alc2

0.04 CTRL-CM
Christie Mitchell

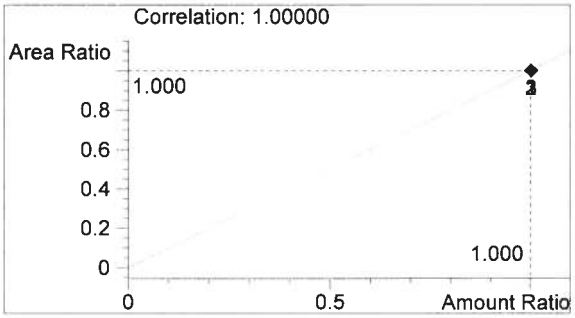
vial # 6



#	Compound	Area	RT
1	ETHANOL	329	1.068
2	n-PROPANOL	2258	1.828
Totals:			



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

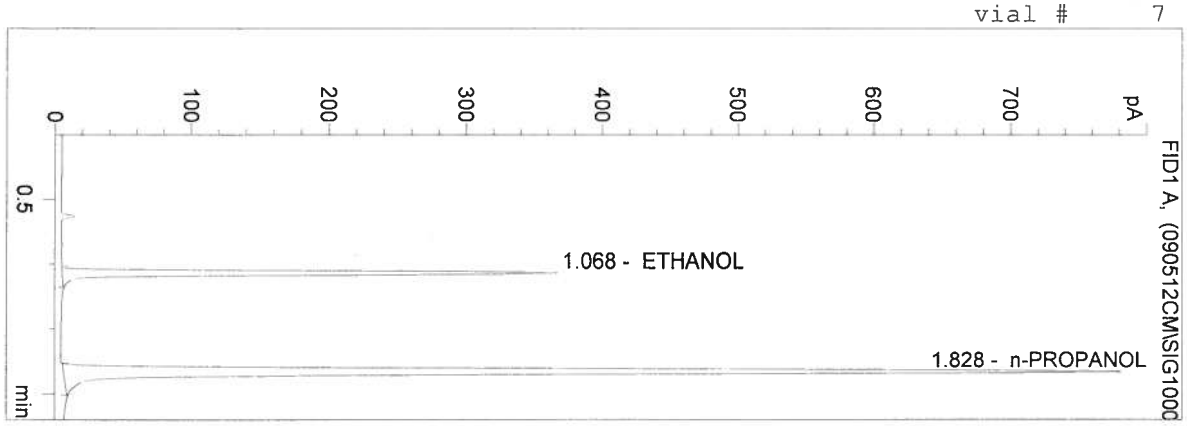
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

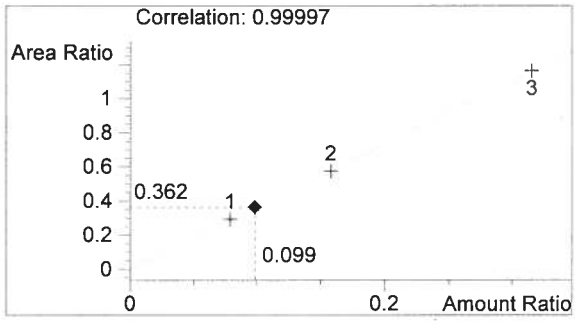
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:46:38 AM
Instrument 3
db-alc2

0.10 CTRL-CM
Christie Mitchell

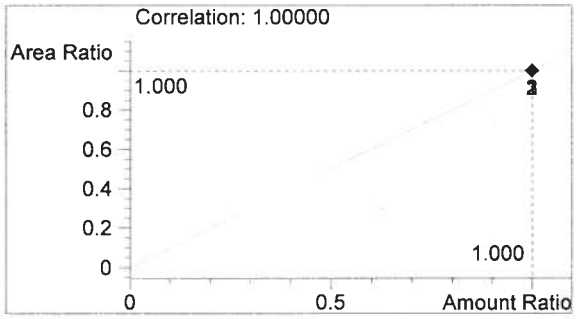
vial # 7



#	Compound	Area	RT
1	ETHANOL	819	1.068
2	n-PROPANOL	2260	1.828
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

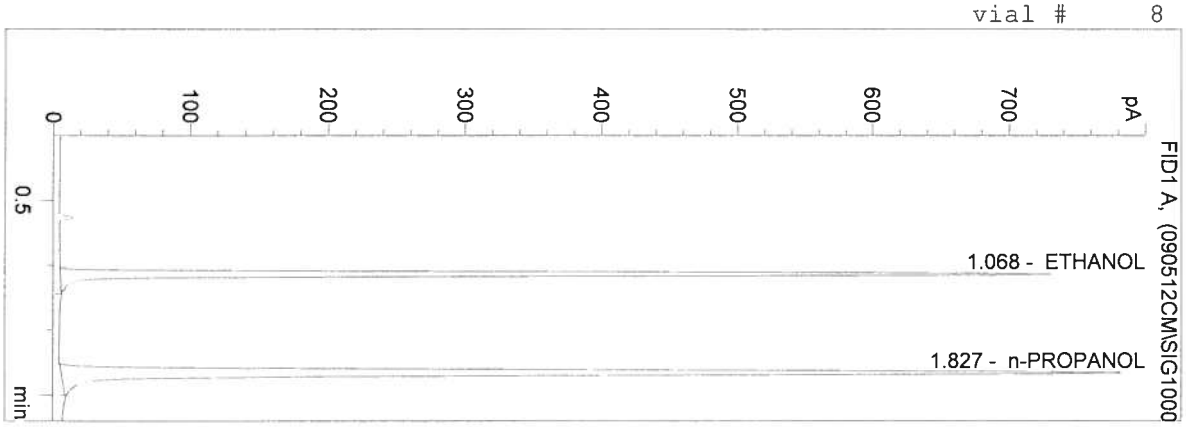
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:49:45 AM
Instrument 3
db-alc2

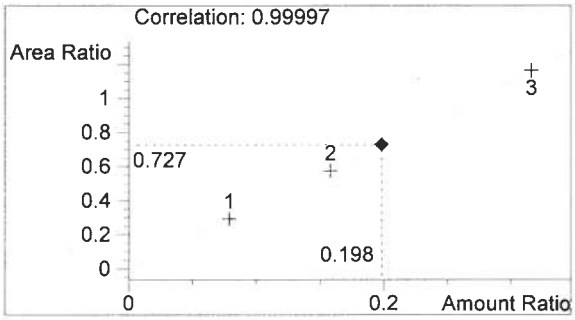
0.20 CTRL-CM
Christie Mitchell

vial # 8

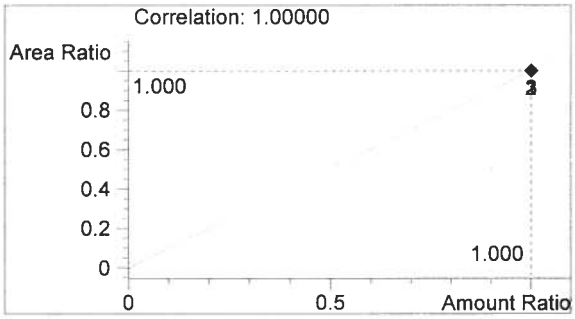


#	Compound	Area	RT
1	ETHANOL	1643	1.068
2	n-PROPANOL	2261	1.827

Totals:



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

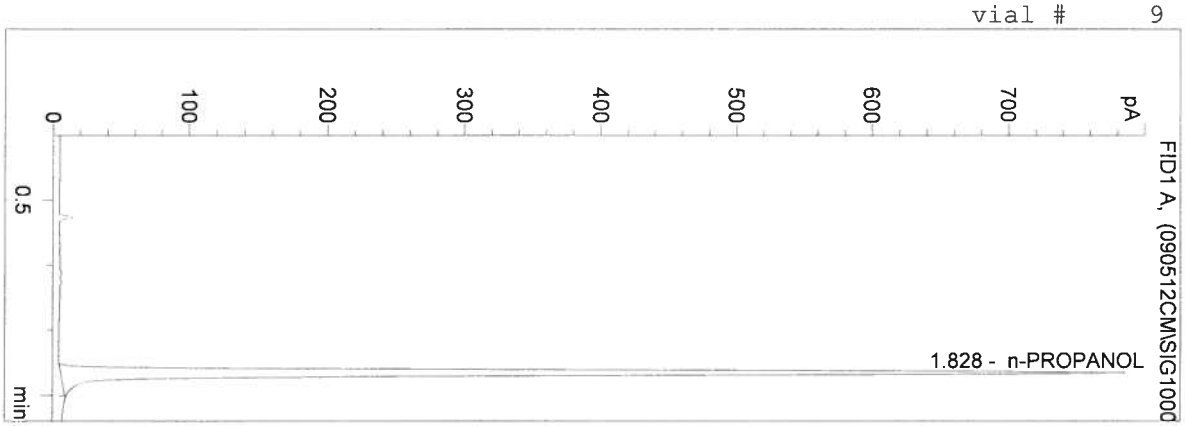
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:52:53 AM
Instrument 3
db-alc2

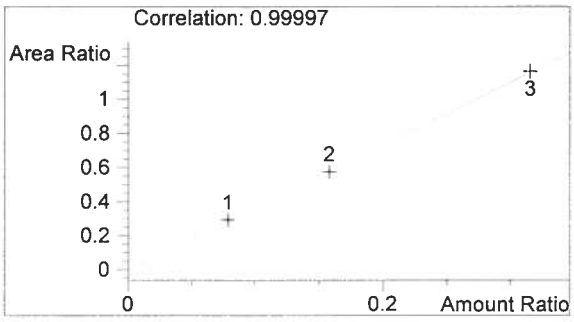
NEG CTRL-CM
Christie Mitchell

vial # 9

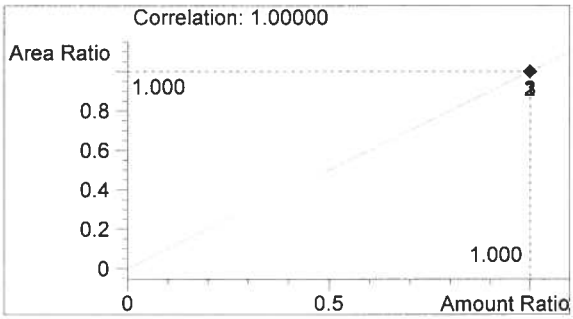


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2275	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

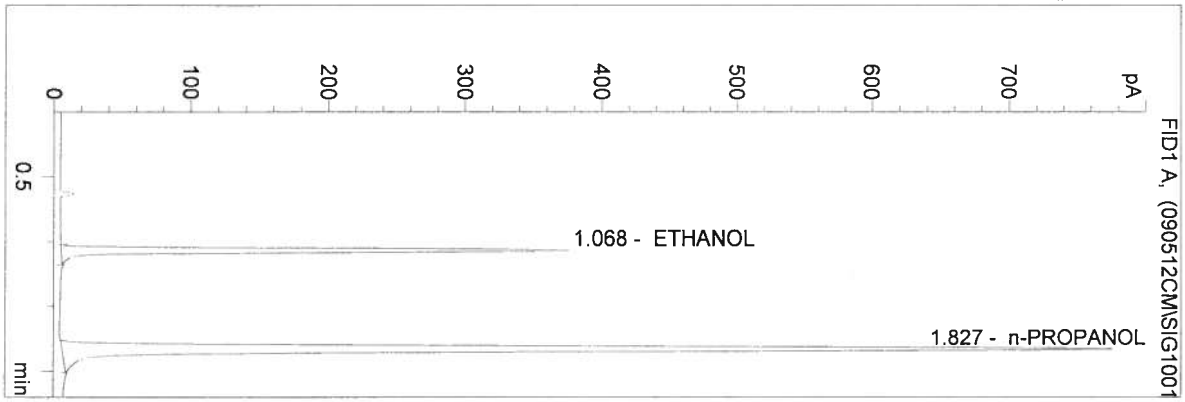
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:56:01 AM
Instrument 3
db-alc2

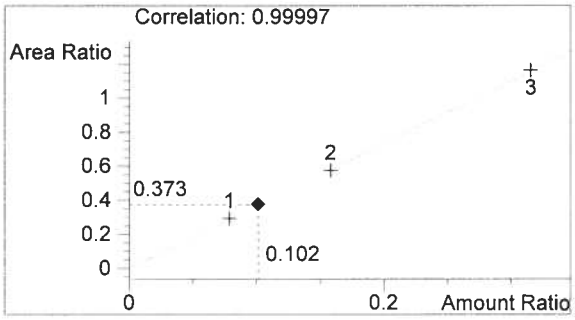
ESS 09022 #1
Christie Mitchell

vial # 10

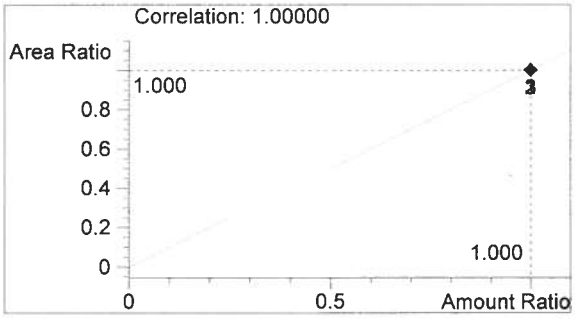


#	Compound	Area	RT
1	ETHANOL	835	1.068
2	n-PROPANOL	2241	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

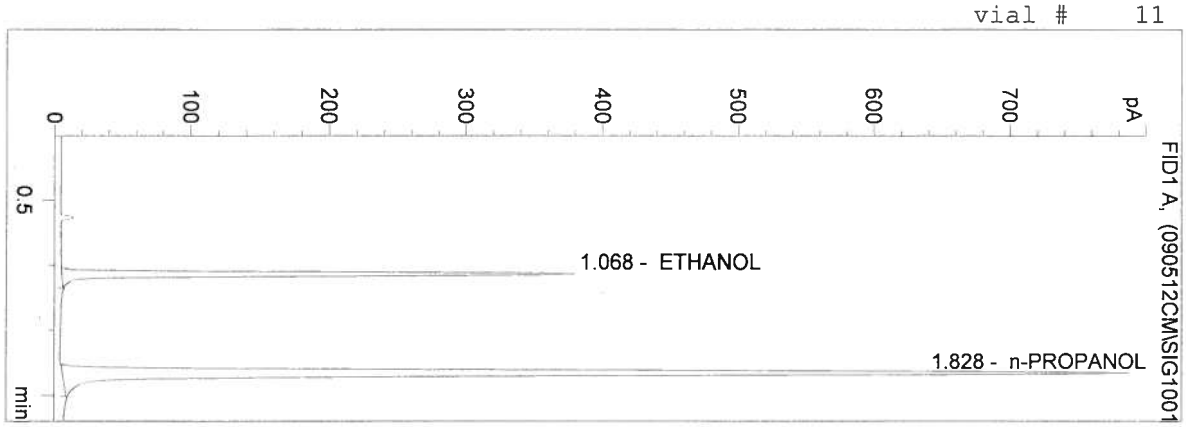
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

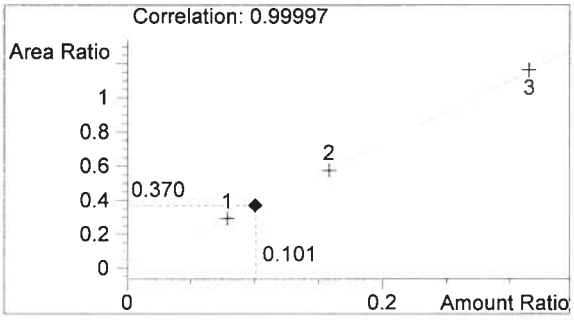
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 10:59:09 AM
Instrument 3
db-alc2

ESS 09022 #2
Christie Mitchell

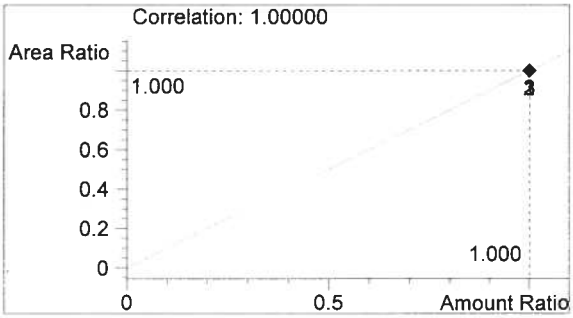
vial # 11



#	Compound	Area	RT
1	ETHANOL	842	1.068
2	n-PROPANOL	2277	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

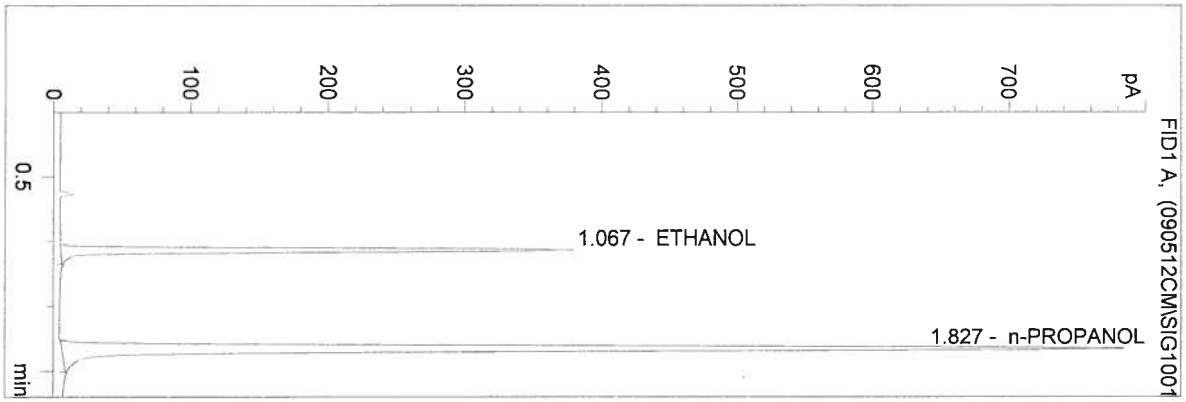
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

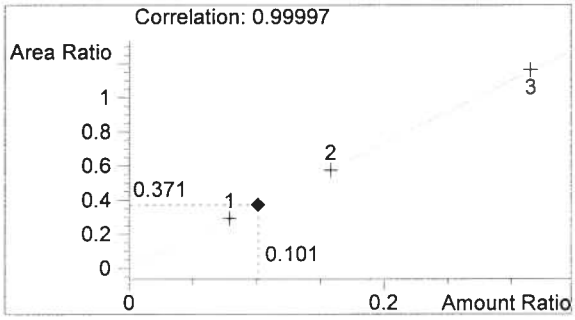
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:02:16 AM
Instrument 3
db-alc2

ESS 09022 #3
Christie Mitchell

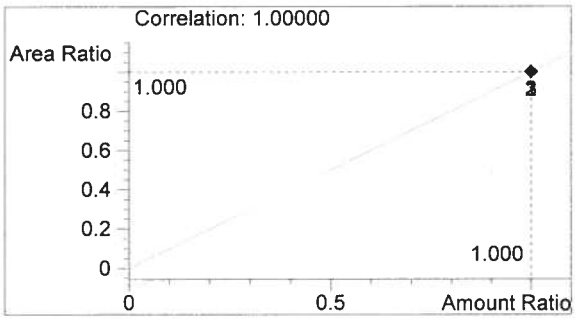
vial # 12



#	Compound	Area	RT
1	ETHANOL	841	1.067
2	n-PROPANOL	2268	1.827
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

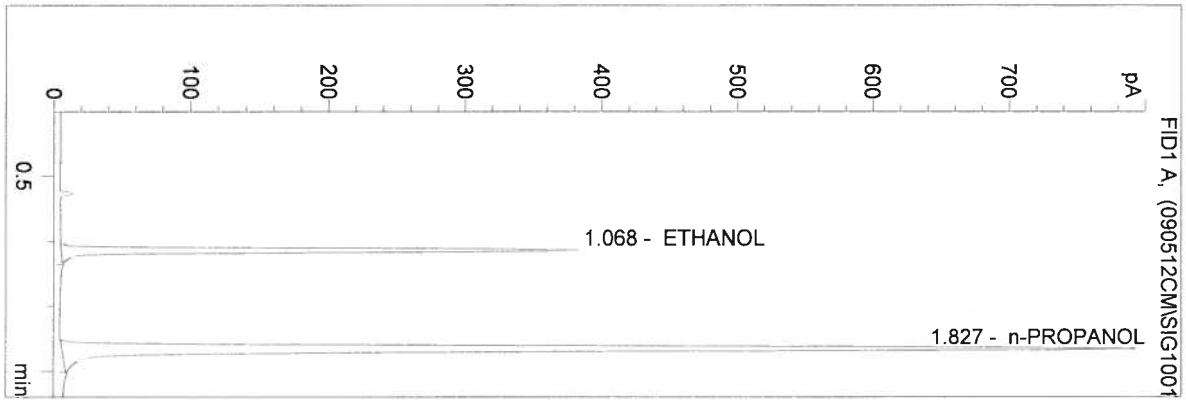
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

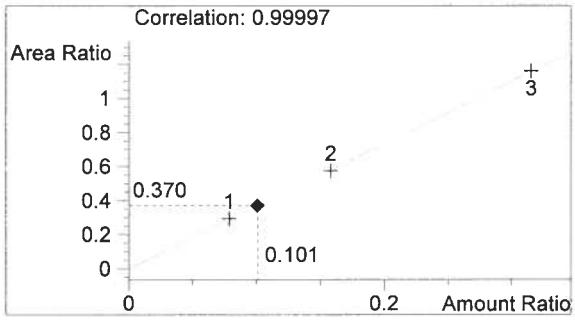
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:05:24 AM
Instrument 3
db-alc2

ESS 09022 #4
Christie Mitchell

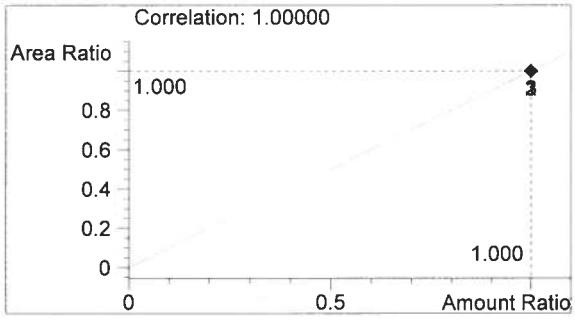
vial # 13



#	Compound	Area	RT
1	ETHANOL	849	1.068
2	n-PROPANOL	2292	1.827
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

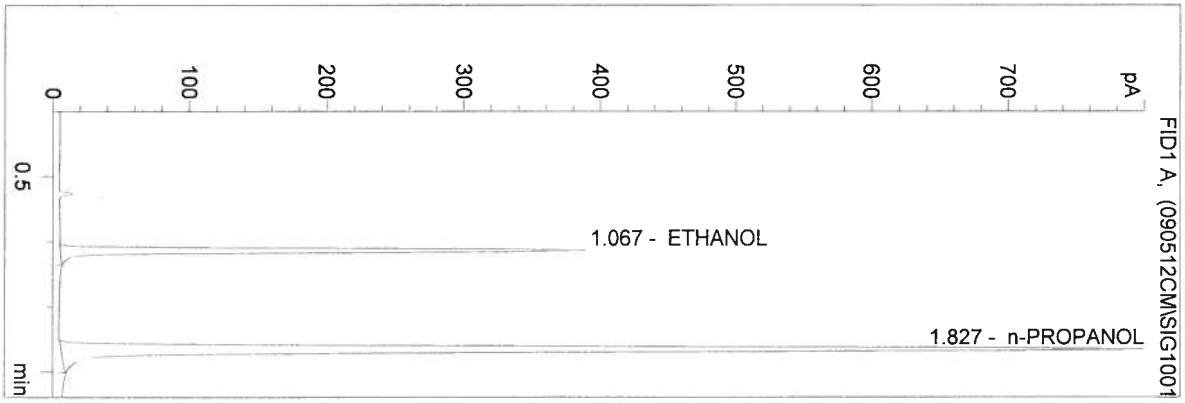
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

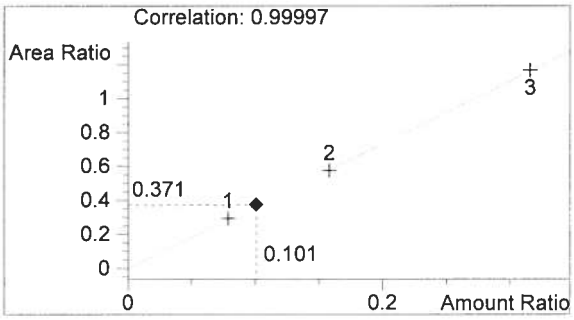
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:08:32 AM
Instrument 3
db-alc2

ESS 09022 #5
Christie Mitchell

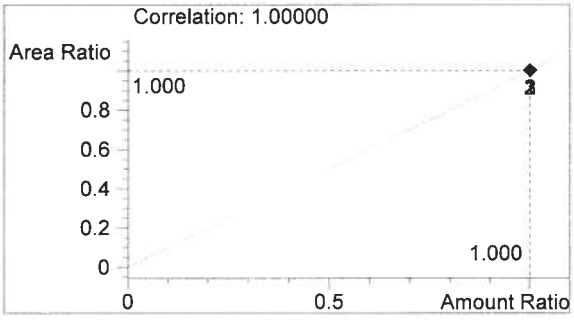
vial # 14



#	Compound	Area	RT
1	ETHANOL	863	1.067
2	n-PROPANOL	2328	1.827
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

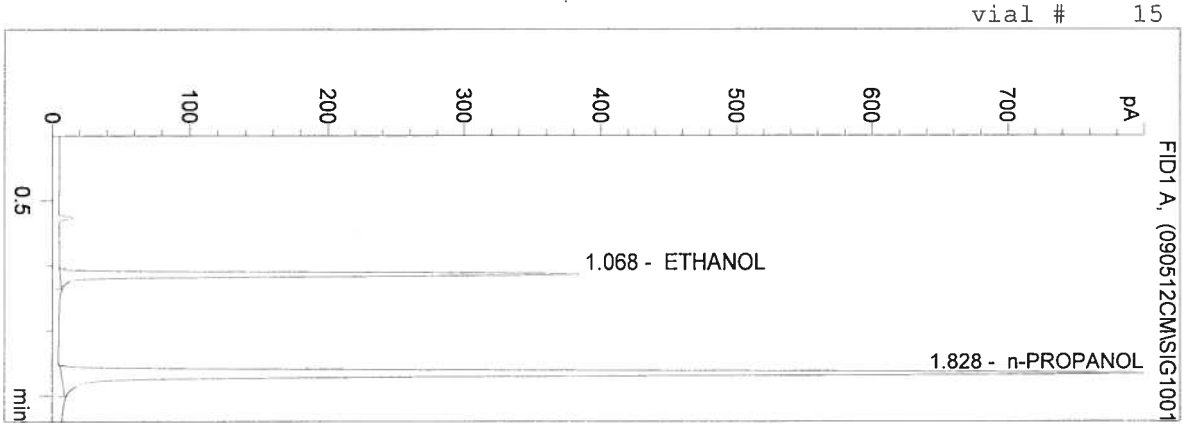
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

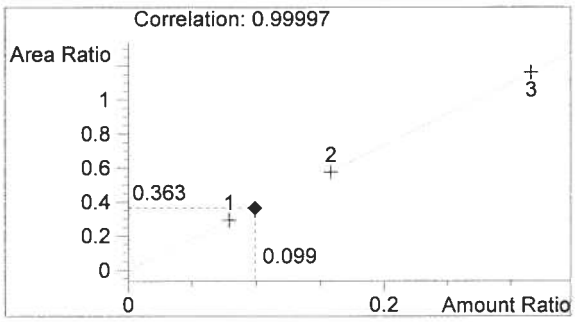
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:11:40 AM
Instrument 3
db-alc2

0.10 CTRL-CM
Christie Mitchell

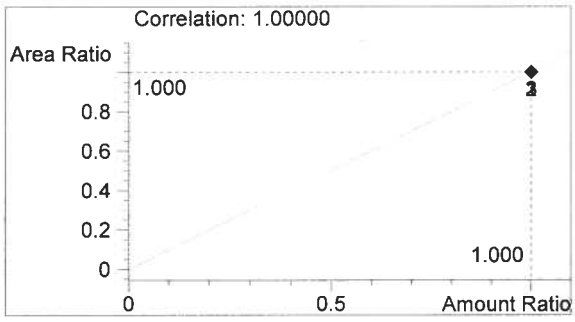
vial # 15



#	Compound	Area	RT
1	ETHANOL	849	1.068
2	n-PROPANOL	2338	1.828
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

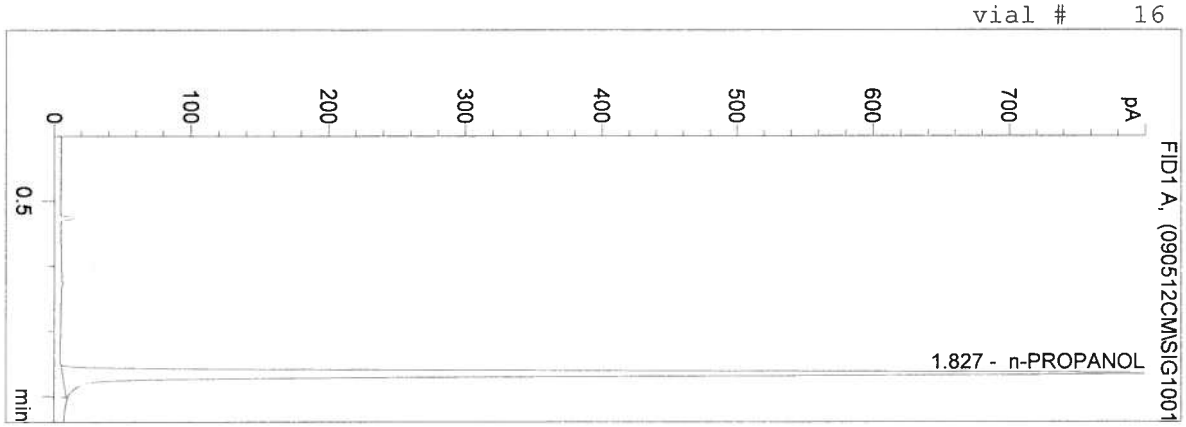
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:14:47 AM
Instrument 3
db-alc2

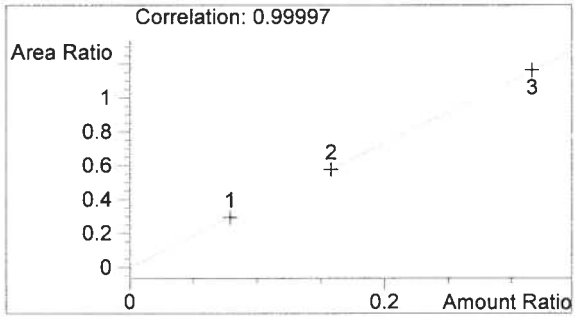
NEG CTRL-CM
Christie Mitchell

vial # 16

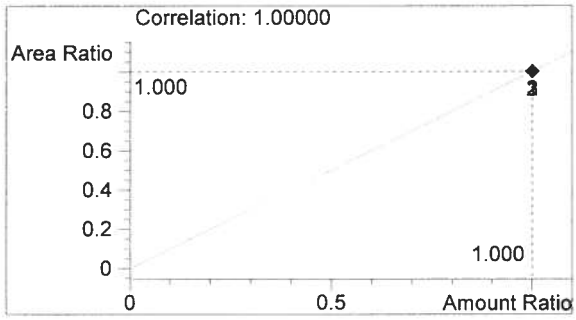


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2377	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

Sequence Parameters:

Operator:	Brianna Peterson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090512BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A061507 exp 11/2012
0.10 Control Lot#A064767 exp 04/2013
0.20 Control Lot#A064522 exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC	1	Ctrl Samp		
10	Vial 10	09022 #1	SIMALC	1	Sample		
11	Vial 11	09022 #2	SIMALC	1	Sample		
12	Vial 12	09022 #3	SIMALC	1	Sample		
13	Vial 13	09022 #4	SIMALC	1	Sample		
14	Vial 14	09022 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL - BP	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BP	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

BP

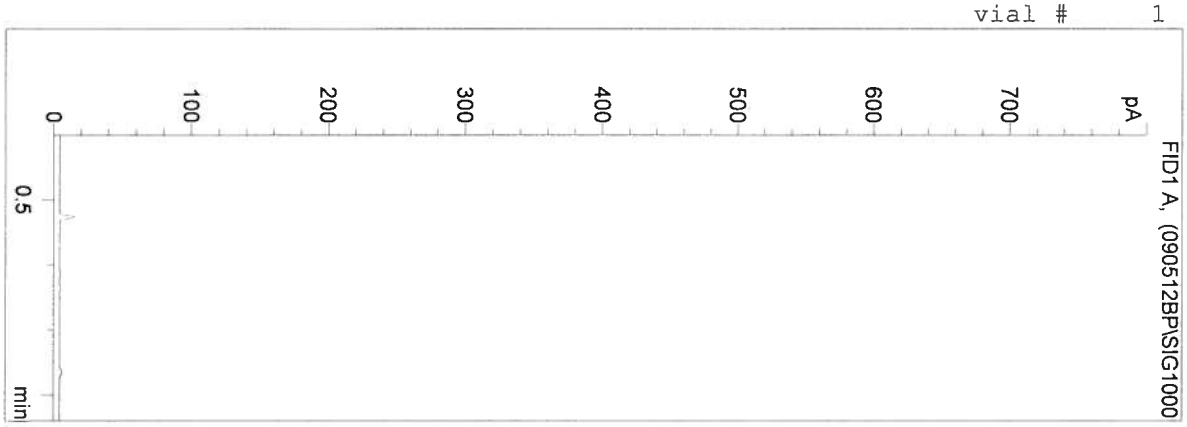
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:29:14 AM
Instrument 3
db-alc2

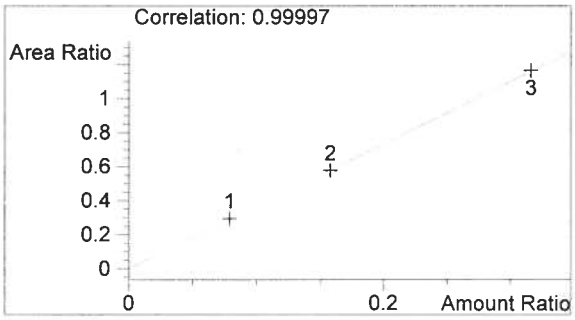
blank
Brianna Peterson

vial # 1

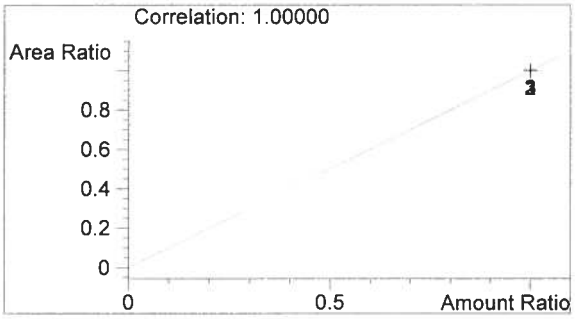


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

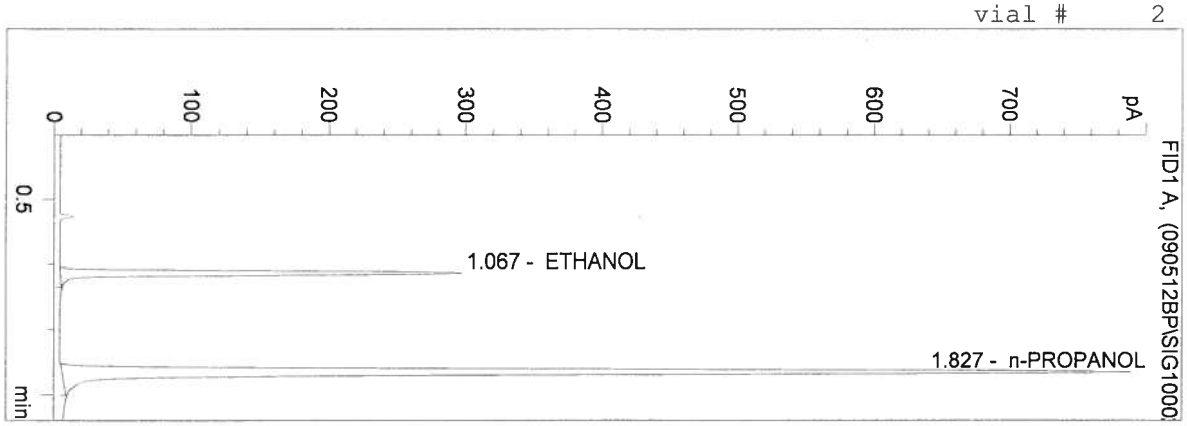
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:32:22 AM
Instrument 3
db-alc2

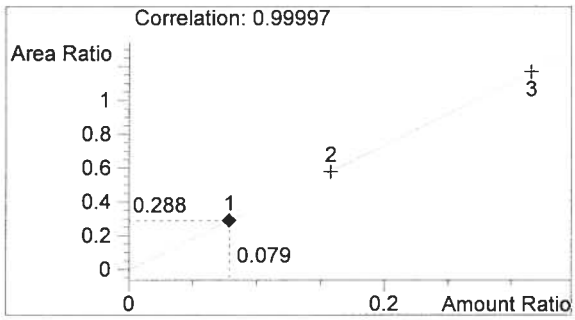
0.079 CAL 1
Brianna Peterson

vial # 2

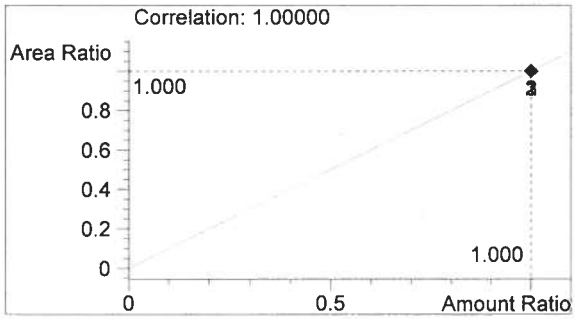


#	Compound	Area	RT
1	ETHANOL	655	1.067
2	n-PROPANOL	2271	1.827

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

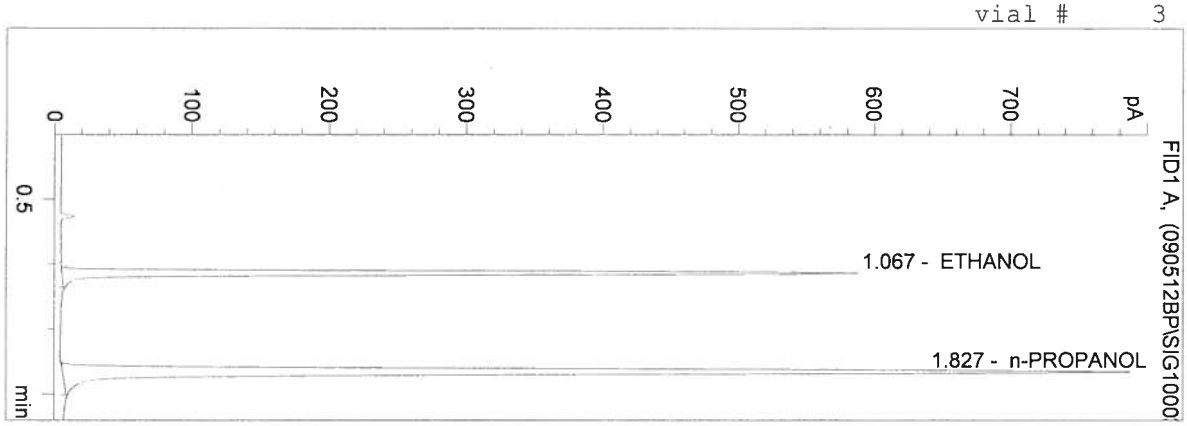
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:35:30 AM
Instrument 3
db-alc2

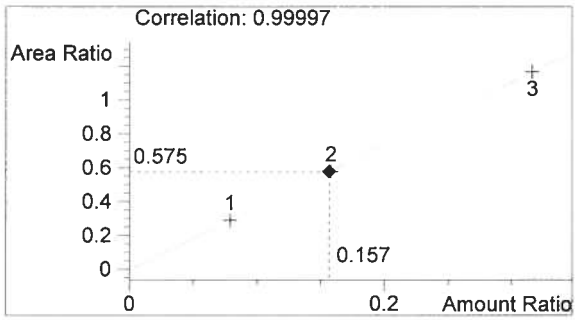
0.158 CAL 2
Brianna Peterson

vial # 3

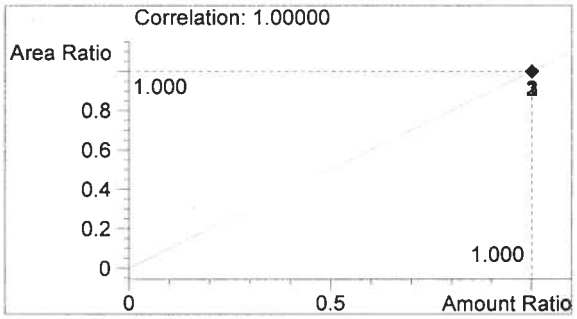


#	Compound	Area	RT
1	ETHANOL	1308	1.067
2	n-PROPANOL	2275	1.827

Totals:



ETHANOL 0.157 g/100ml



n-PROPANOL 1.000 g/100ml

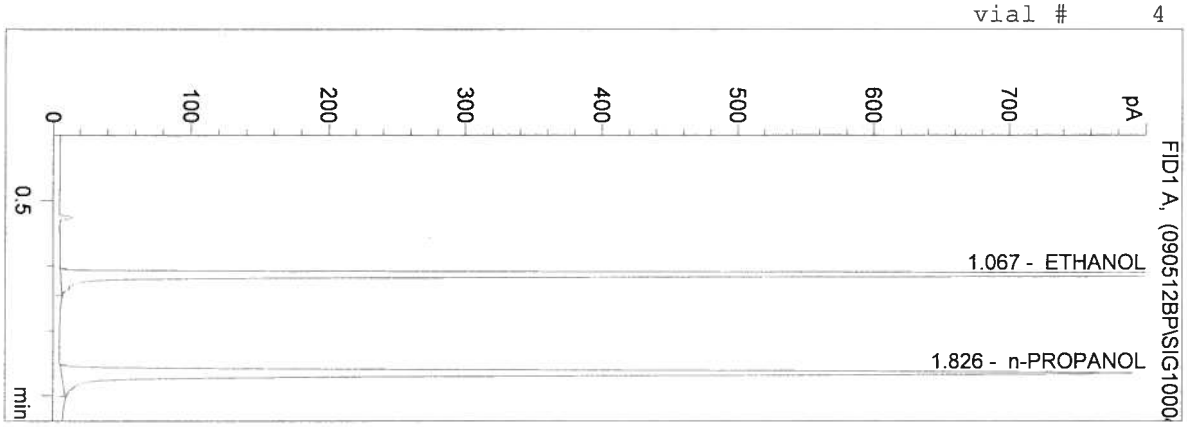
bh

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:38:38 AM
Instrument 3
db-alc2

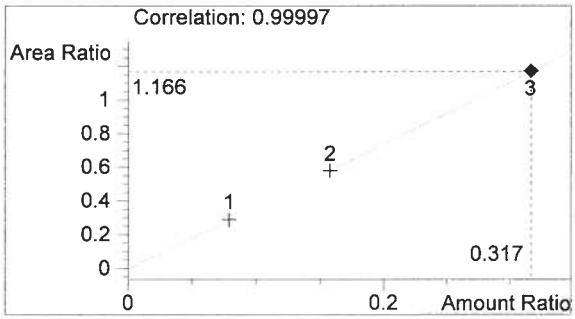
0.316 CAL 3
Brianna Peterson

vial # 4

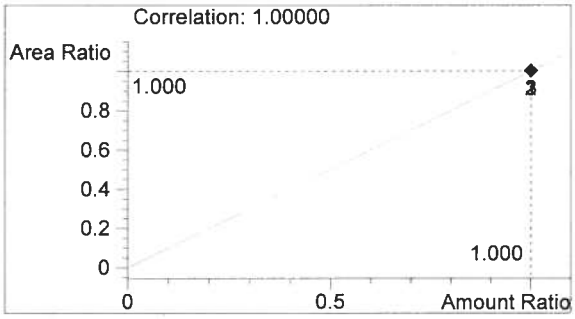


#	Compound	Area	RT
1	ETHANOL	2662	1.067
2	n-PROPANOL	2283	1.826

Totals:



ETHANOL 0.317 g/100ml



n-PROPANOL 1.000 g/100ml

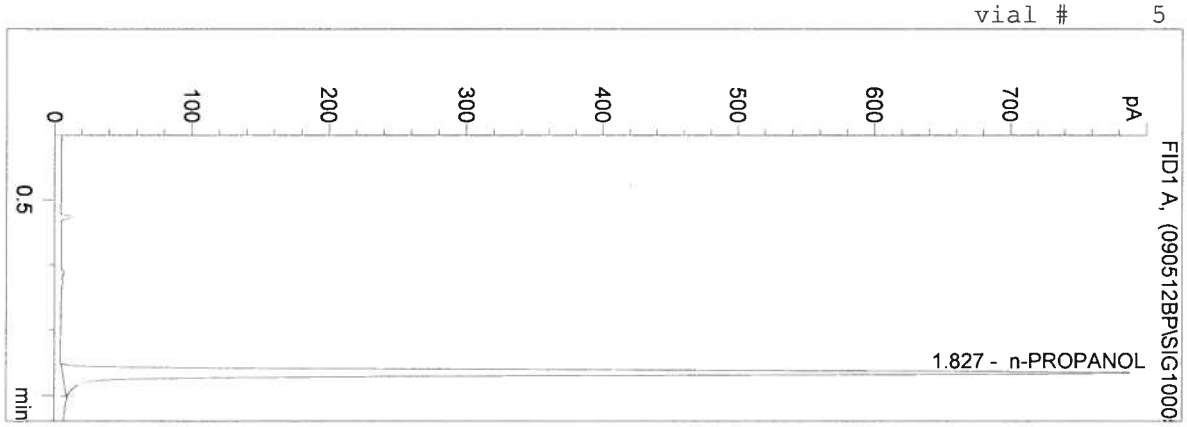
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:41:45 AM
Instrument 3
db-alc2

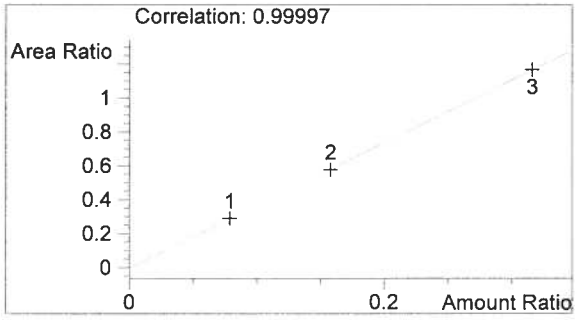
NEG CTRL - BP
Brianna Peterson

vial # 5

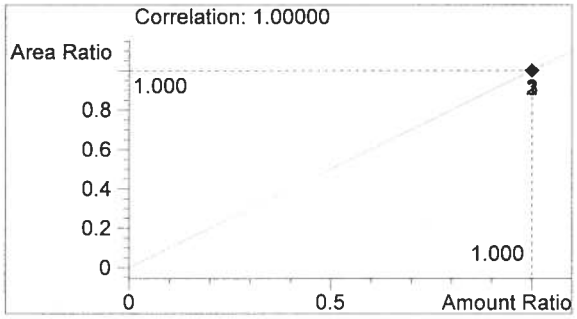


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2274	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

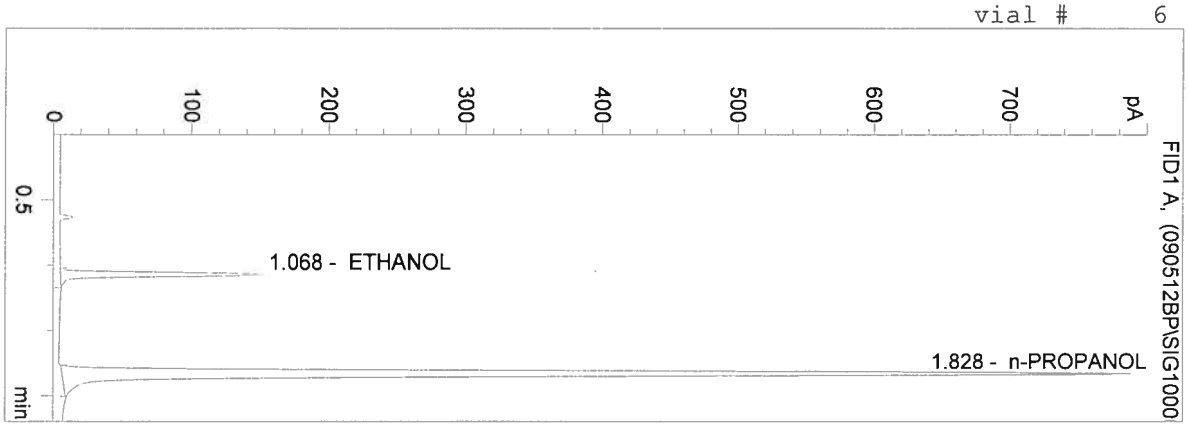
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

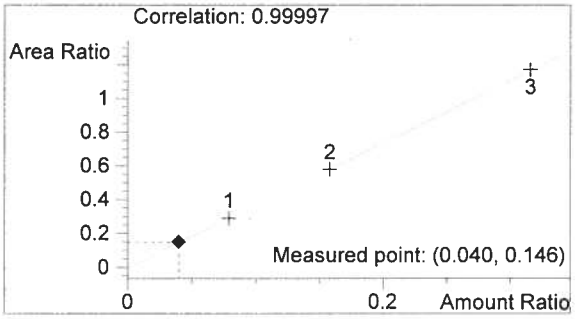
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:44:53 AM
Instrument 3
db-alc2

0.04 CTRL - BP
Brianna Peterson

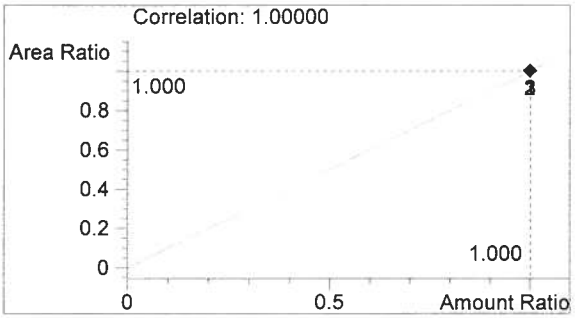
vial # 6



#	Compound	Area	RT
1	ETHANOL	331	1.068
2	n-PROPANOL	2271	1.828
Totals:			



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

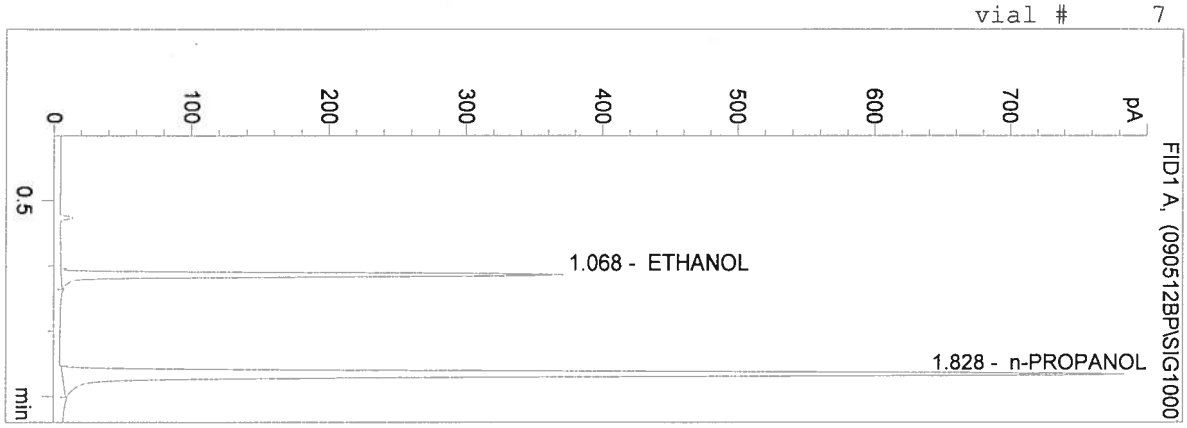
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:48:01 AM
Instrument 3
db-alc2

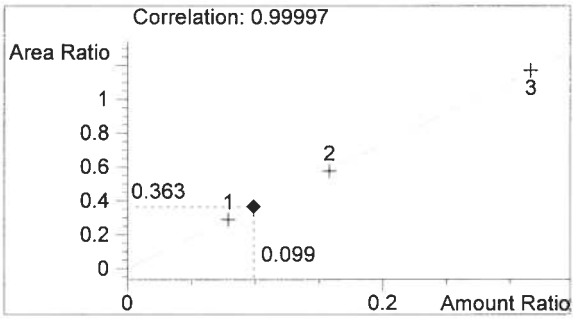
0.10 CTRL - BP
Brianna Peterson

vial # 7

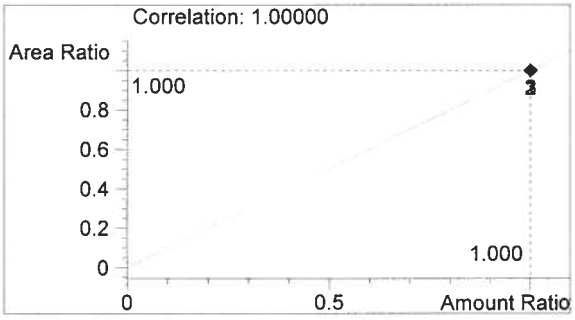


#	Compound	Area	RT
1	ETHANOL	817	1.068
2	n-PROPANOL	2253	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

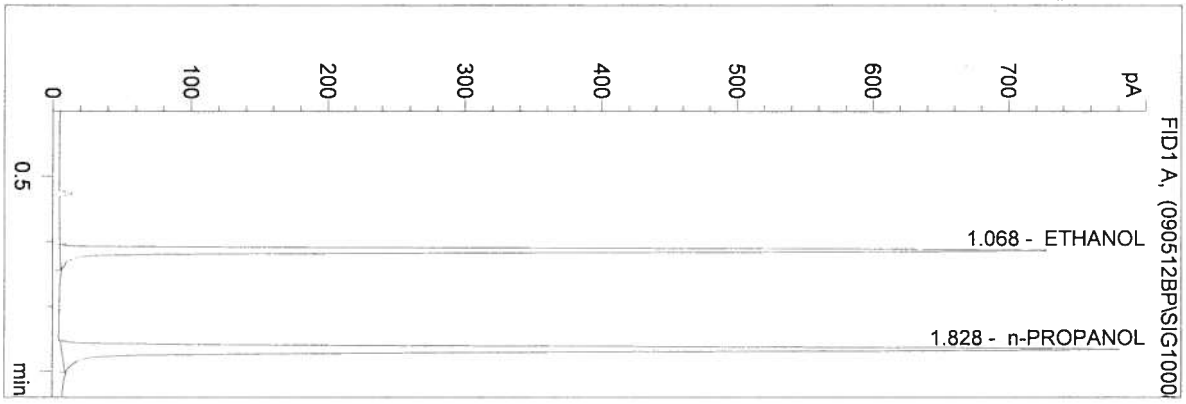
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:51:08 AM
Instrument 3
db-alc2

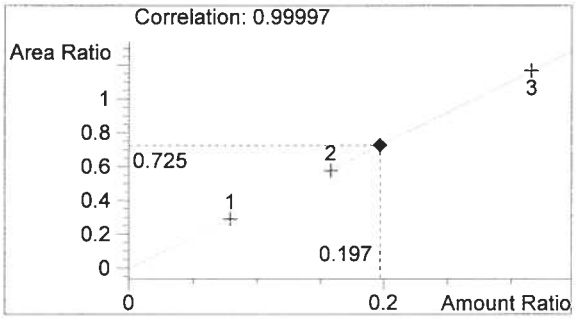
0.20 CTRL - BP
Brianna Peterson

vial # 8

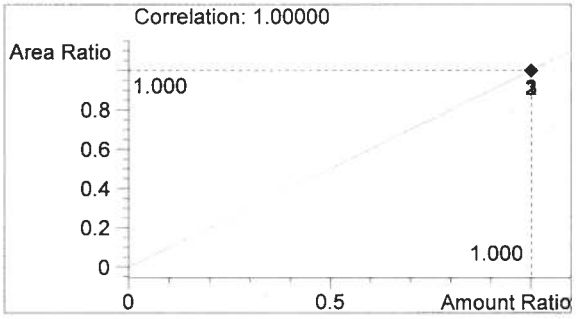


#	Compound	Area	RT
1	ETHANOL	1628	1.068
2	n-PROPANOL	2247	1.828

Totals:



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

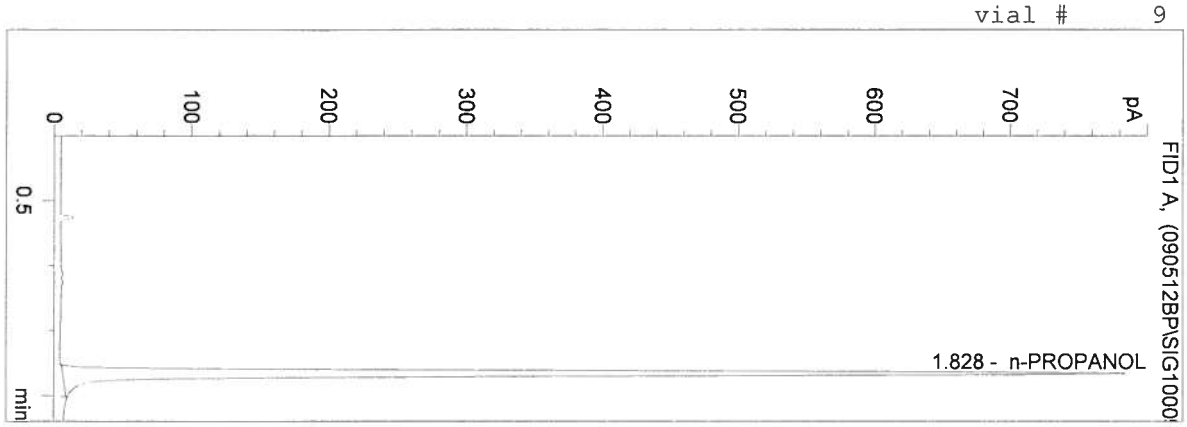
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:54:16 AM
Instrument 3
db-alc2

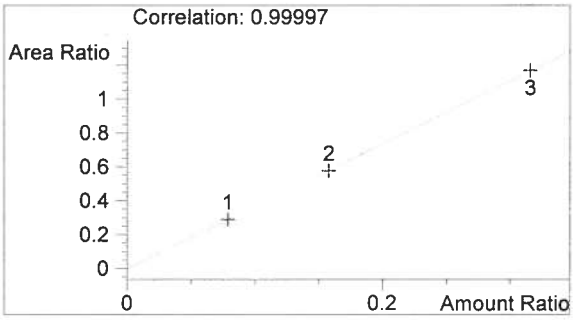
NEG CTRL - BP
Brianna Peterson

vial # 9

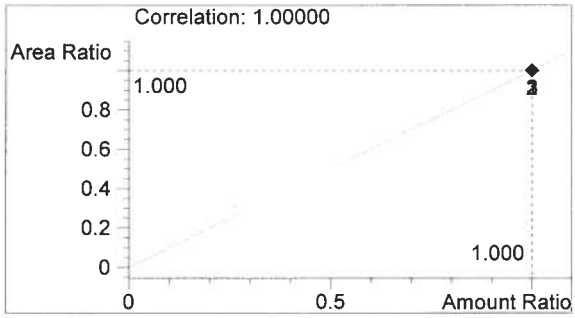


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2261	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

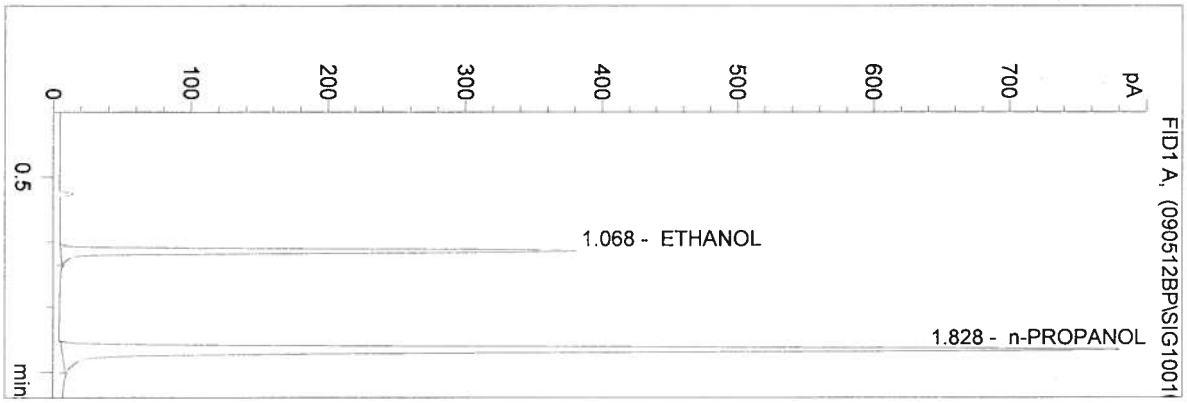
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 11:57:24 AM
Instrument 3
db-alc2

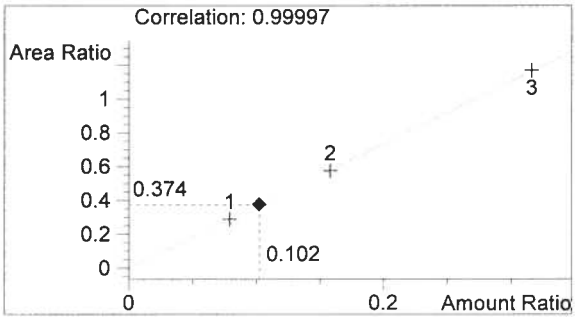
09022 #1
Brianna Peterson

vial # 10

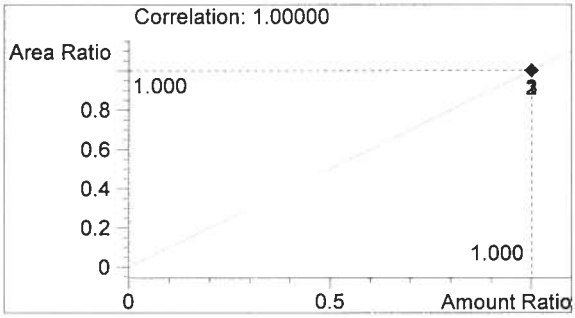


#	Compound	Area	RT
1	ETHANOL	842	1.068
2	n-PROPANOL	2248	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

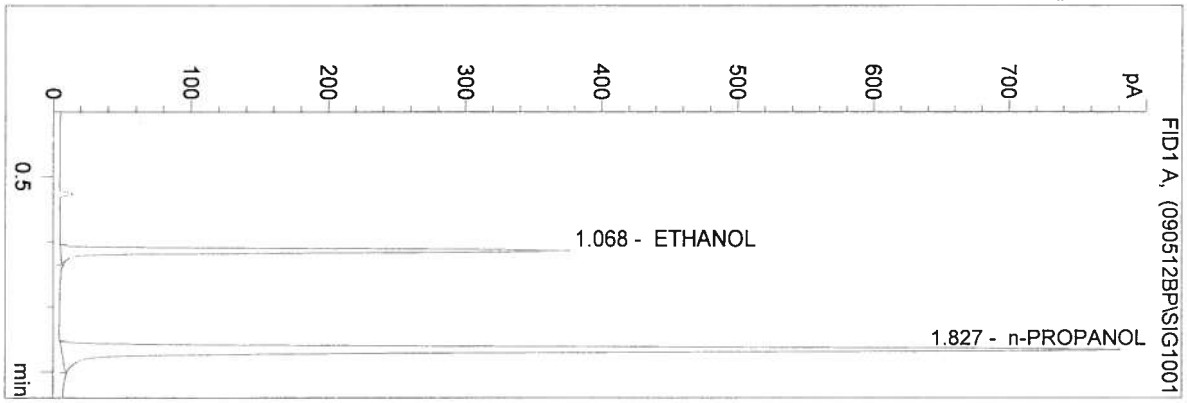
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 12:00:32 PM
Instrument 3
db-alc2

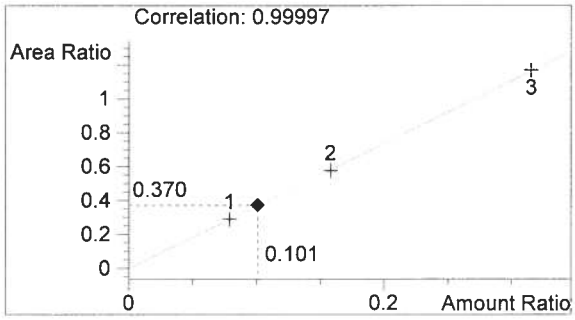
09022 #2
Brianna Peterson

vial # 11

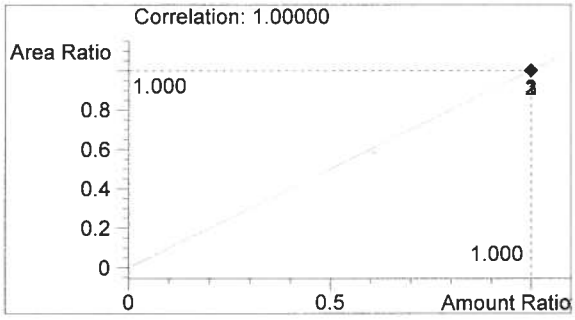


#	Compound	Area	RT
1	ETHANOL	836	1.068
2	n-PROPANOL	2257	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

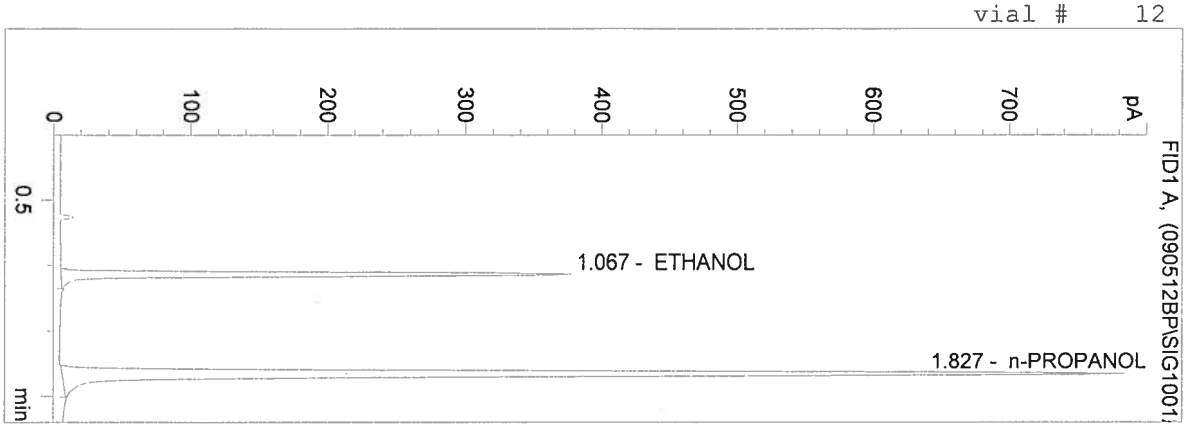
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

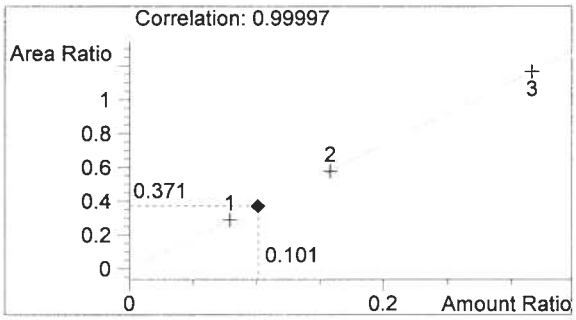
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 12:03:39 PM
Instrument 3
db-alc2

09022 #3
Brianna Peterson

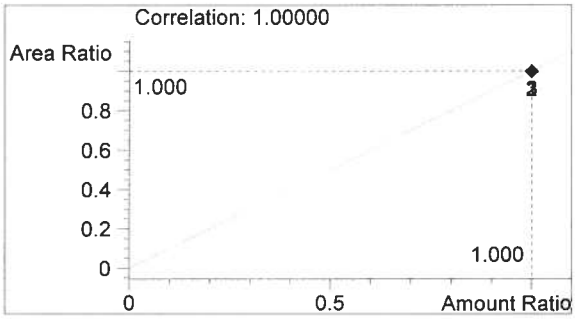
vial # 12



#	Compound	Area	RT
1	ETHANOL	839	1.067
2	n-PROPANOL	2263	1.827
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

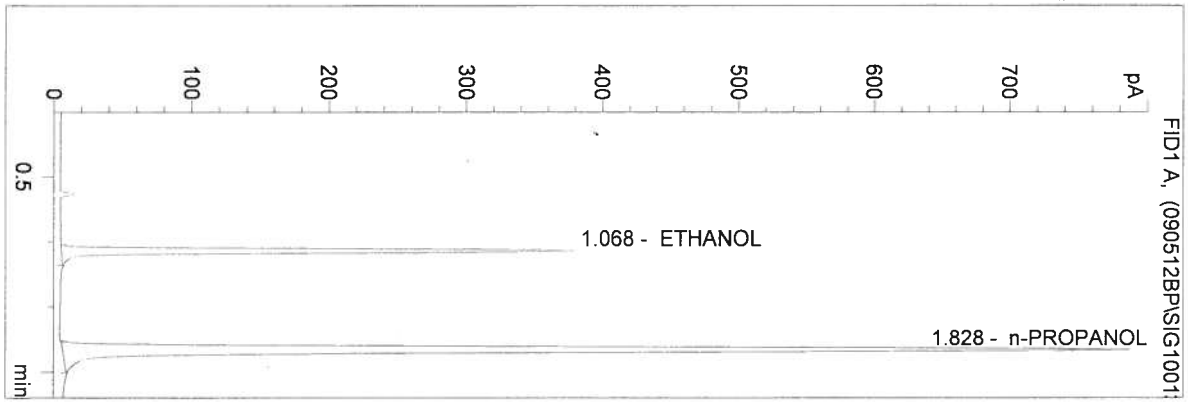
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 12:06:47 PM
Instrument 3
db-alc2

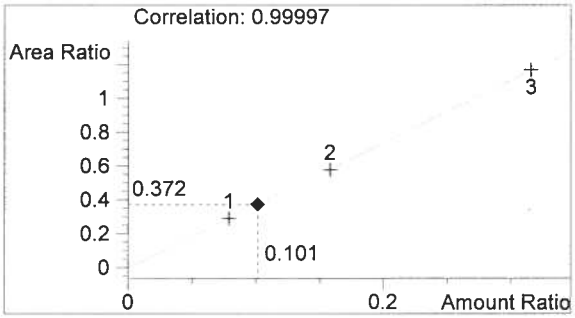
09022 #4
Brianna Peterson

vial # 13

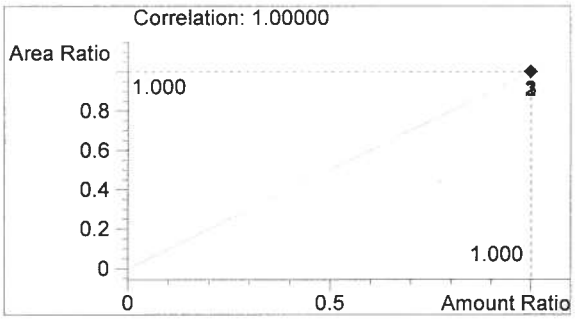


#	Compound	Area	RT
1	ETHANOL	844	1.068
2	n-PROPANOL	2270	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

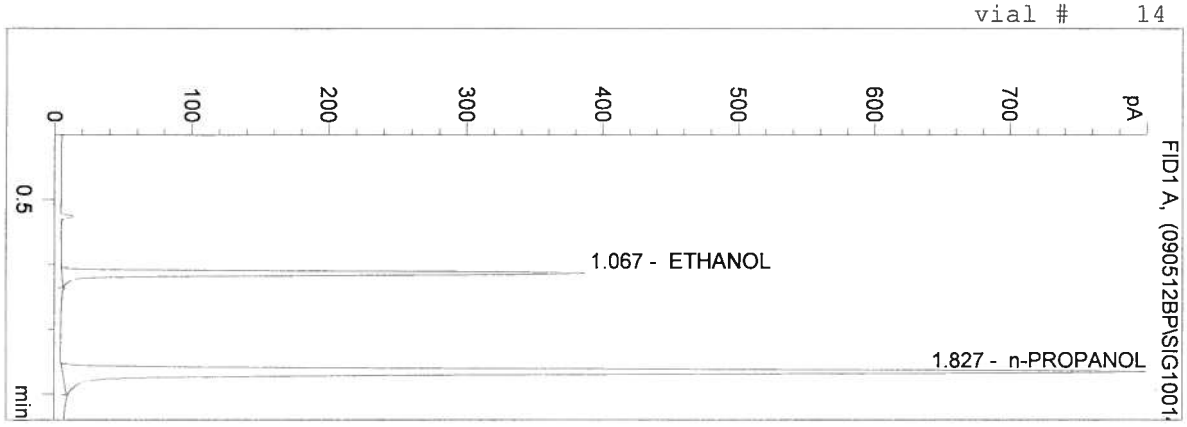
BR

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 12:09:55 PM
Instrument 3
db-alc2

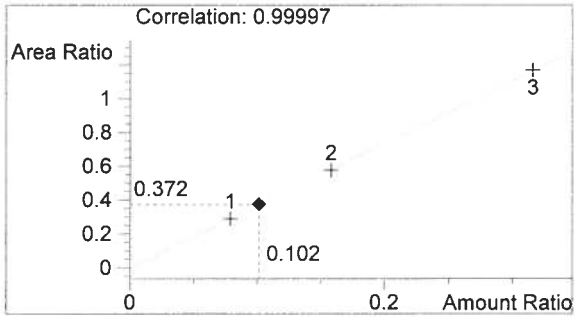
09022 #5
Brianna Peterson

vial # 14

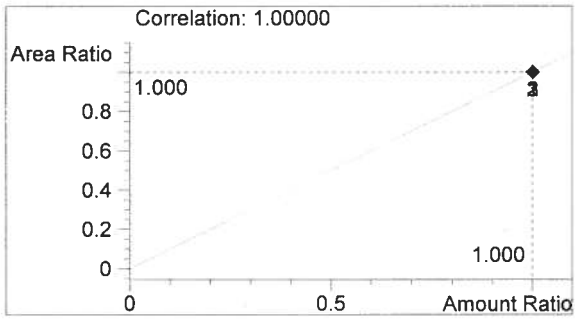


#	Compound	Area	RT
1	ETHANOL	860	1.067
2	n-PROPANOL	2310	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

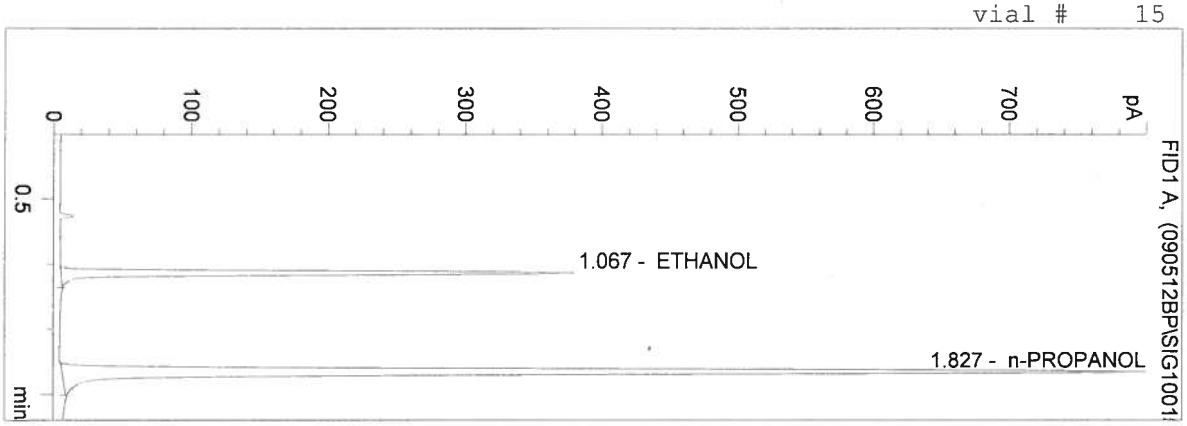
RB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 12:13:03 PM
Instrument 3
db-alc2

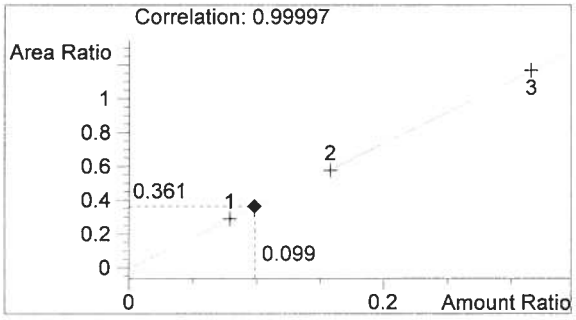
0.10 CTRL - BP
Brianna Peterson

vial # 15

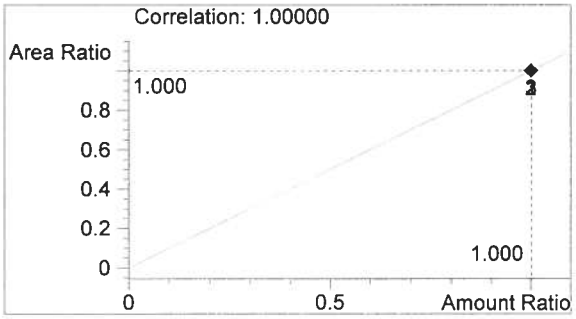


#	Compound	Area	RT
1	ETHANOL	844	1.067
2	n-PROPANOL	2339	1.827

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

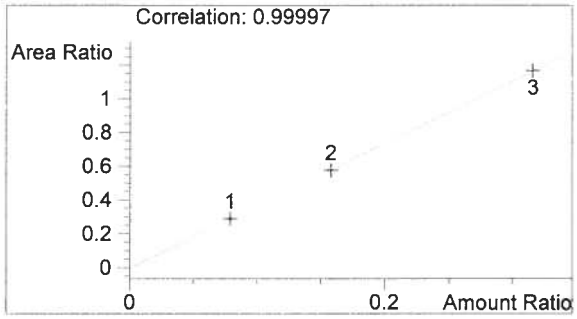
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 12:16:10 PM
Instrument 3
db-alc2

NEG CTRL - BP
Brianna Peterson

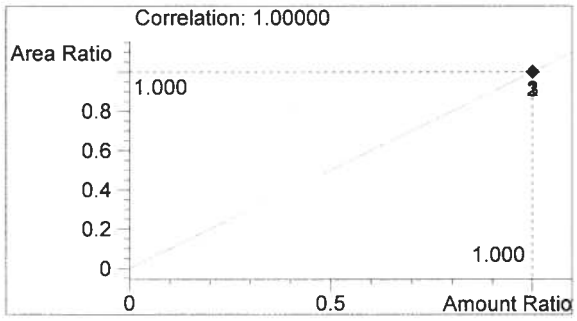
vial # 16

#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2341	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BP

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:	090512LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # 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	09022 #1	SIMALC	1	Sample		
11	Vial 11	09022 #2	SIMALC	1	Sample		
12	Vial 12	09022 #3	SIMALC	1	Sample		
13	Vial 13	09022 #4	SIMALC	1	Sample		
14	Vial 14	09022 #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		

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):

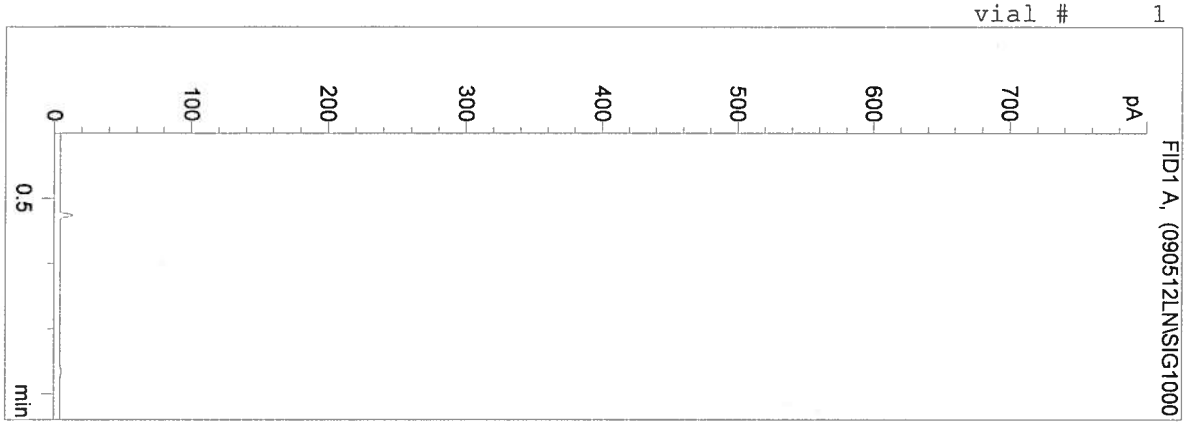
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:07:36 AM
Instrument 3
db-alc2

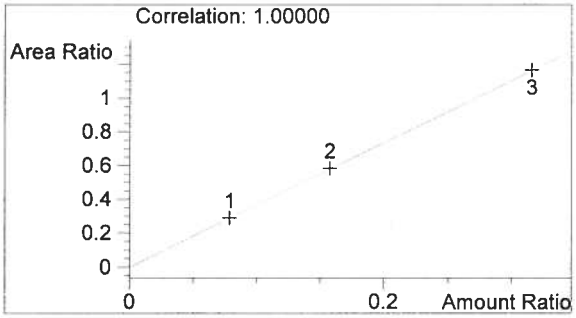
BLANK
Lisa Noble

vial # 1

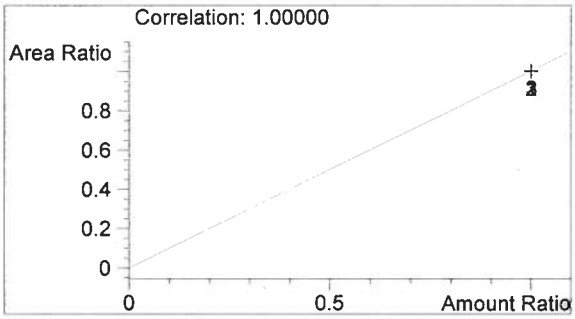


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



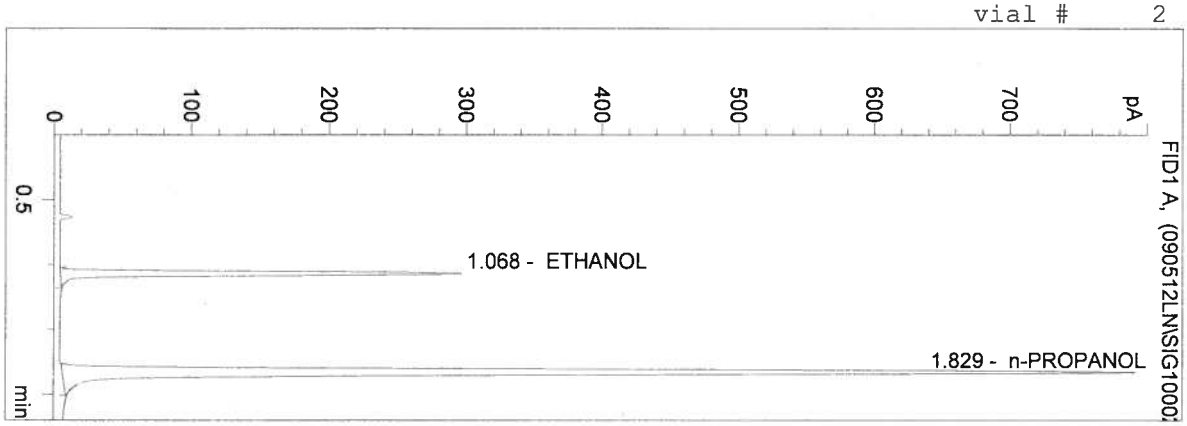
n-PROPANOL 0.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:10:44 AM
Instrument 3
db-alc2

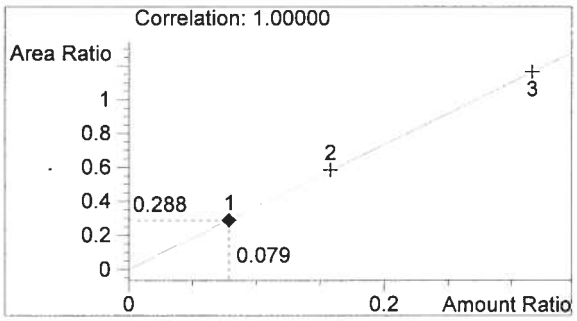
0.079 CAL 1
Lisa Noble

vial # 2

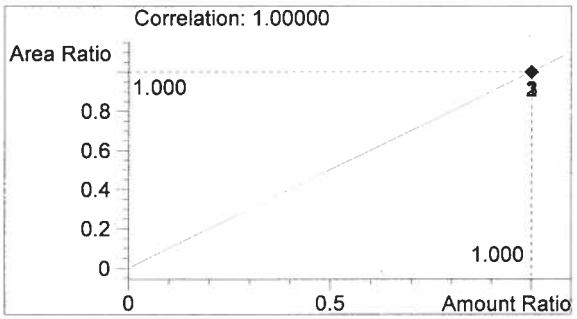


#	Compound	Area	RT
1	ETHANOL	659	1.068
2	n-PROPANOL	2288	1.829

Totals:



ETHANOL 0.079 g/100ml



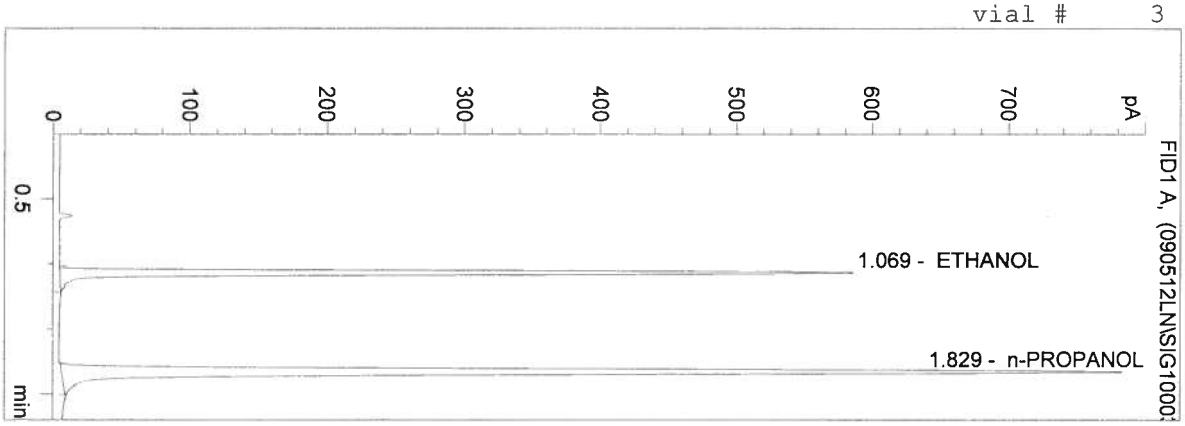
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:13:52 AM
Instrument 3
db-alc2

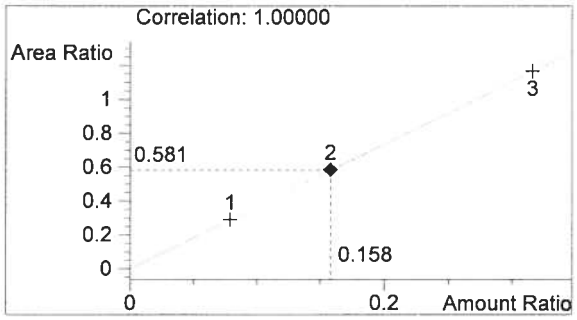
0.158 CAL 2
Lisa Noble

vial # 3

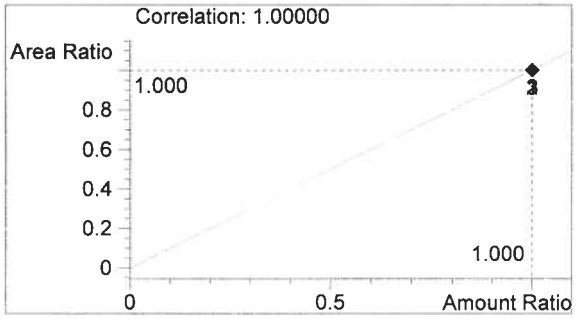


#	Compound	Area	RT
1	ETHANOL	1313	1.069
2	n-PROPANOL	2260	1.829

Totals:



ETHANOL 0.158 g/100ml



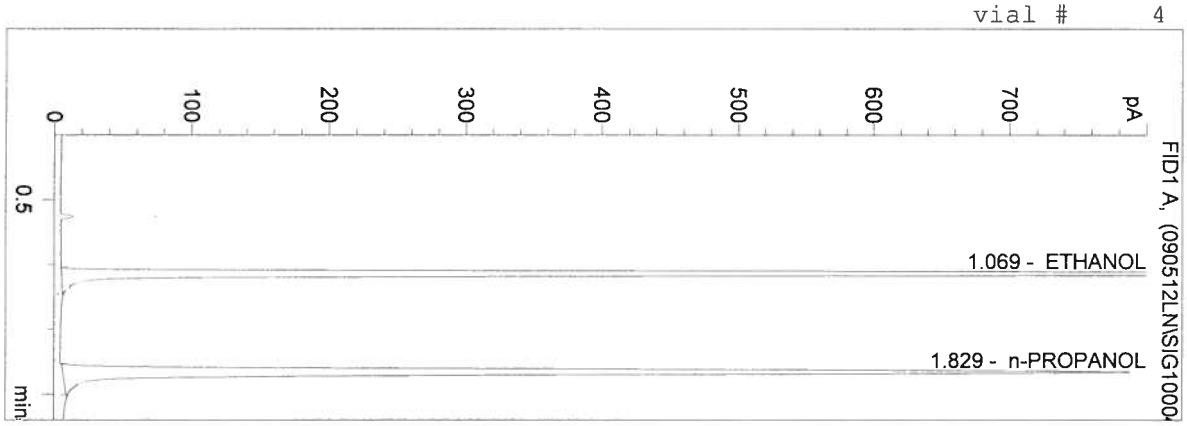
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:16:59 AM
Instrument 3
db-alc2

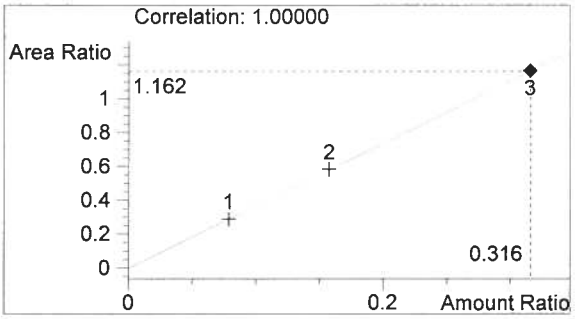
0.316 CAL 3
Lisa Noble

vial # 4

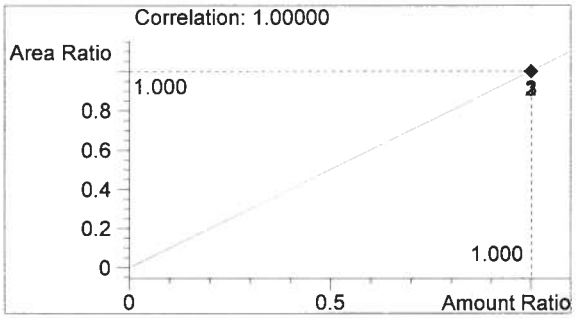


#	Compound	Area	RT
1	ETHANOL	2641	1.069
2	n-PROPANOL	2273	1.829

Totals:



ETHANOL 0.316 g/100ml



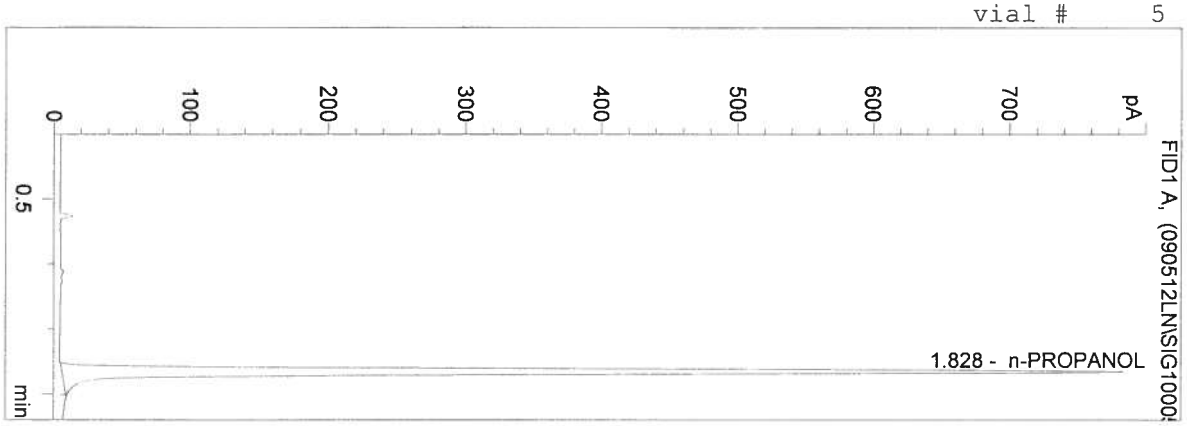
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:20:07 AM
Instrument 3
db-alc2

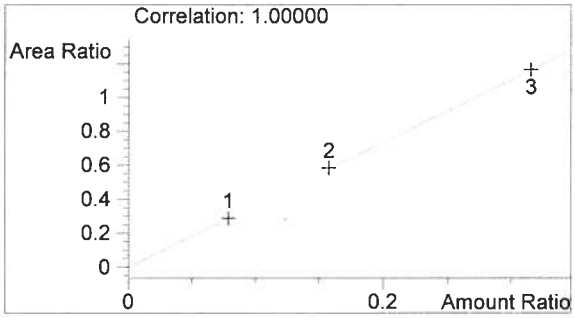
NEG CTRL-LN
Lisa Noble

vial # 5

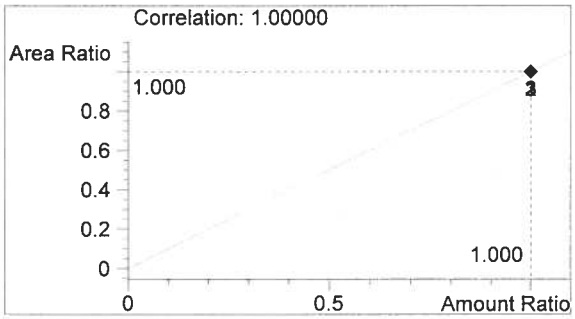


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2265	1.828

Totals:



ETHANOL 0.000 g/100ml



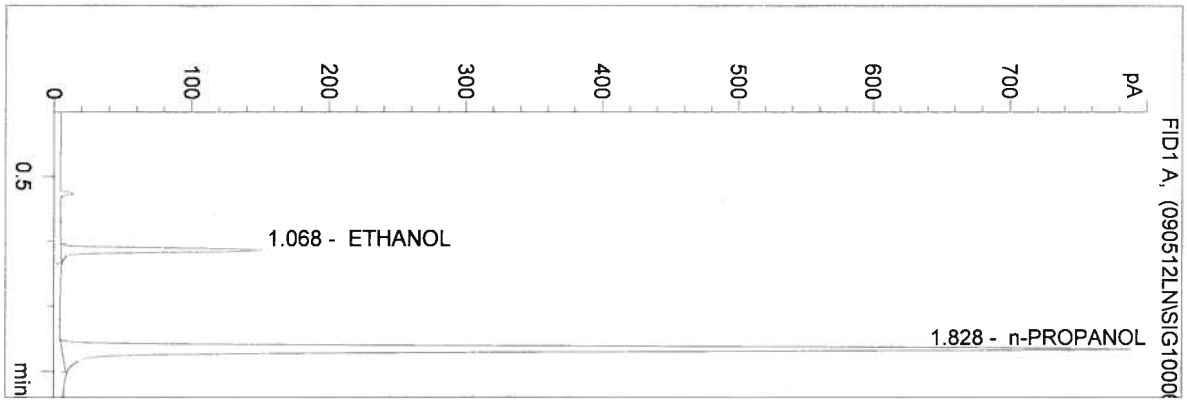
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

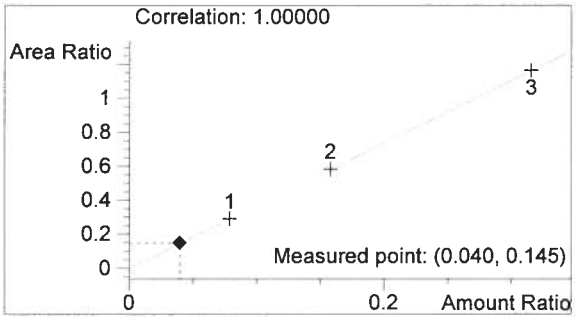
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:23:15 AM
Instrument 3
db-alc2

0.04 CTRL-LN
Lisa Noble

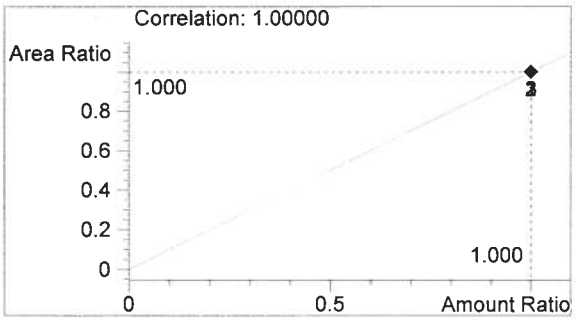
vial # 6



#	Compound	Area	RT
1	ETHANOL	332	1.068
2	n-PROPANOL	2283	1.828
Totals:			



ETHANOL 0.040 g/100ml



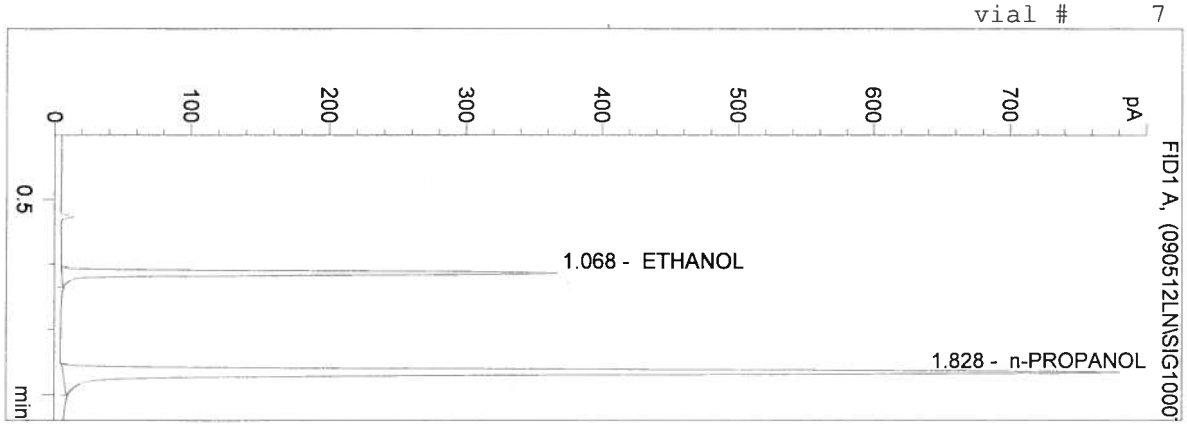
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

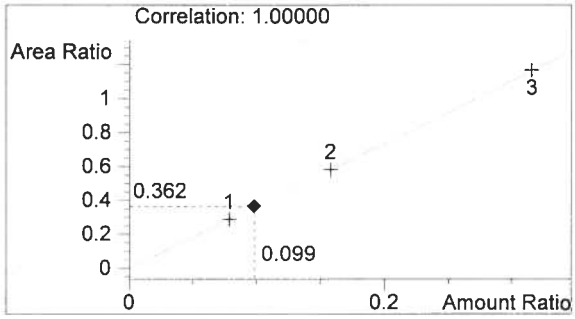
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:26:23 AM
Instrument 3
db-alc2

0.10 CTRL-LN
Lisa Noble

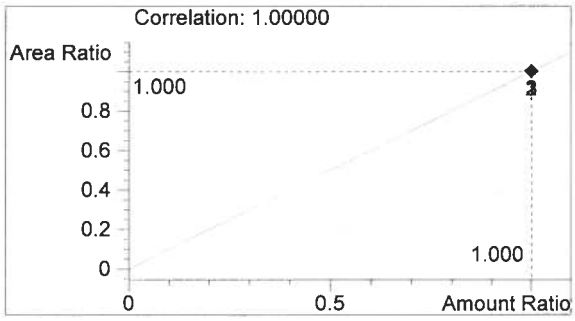
vial # 7



#	Compound	Area	RT
1	ETHANOL	816	1.068
2	n-PROPANOL	2252	1.828
Totals:			



ETHANOL 0.099 g/100ml



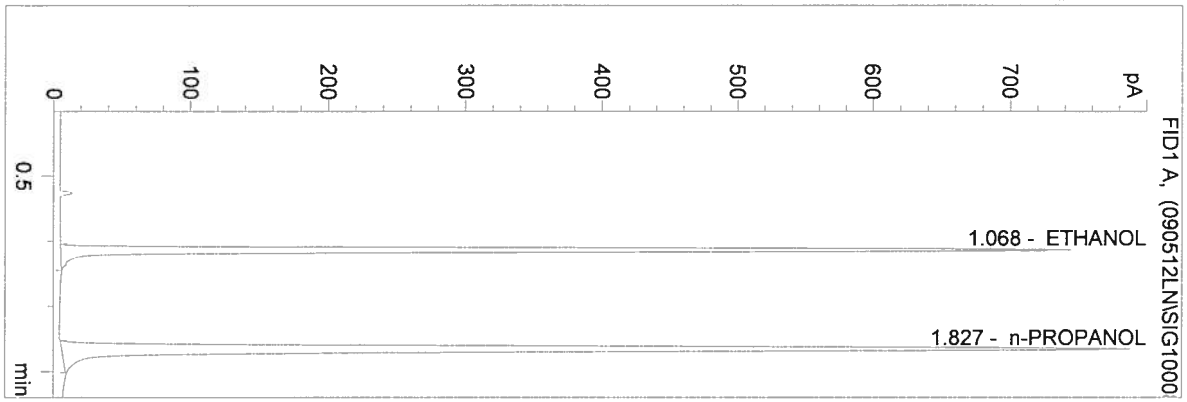
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

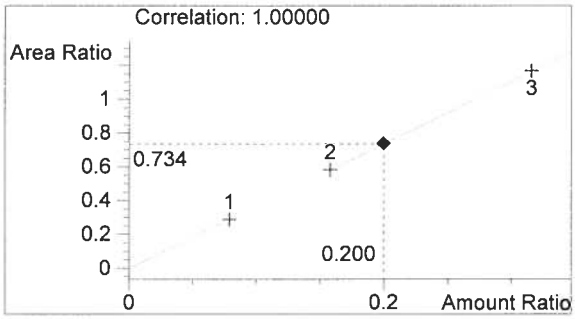
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:29:30 AM
Instrument 3
db-alc2

0.20 CTRL-LN
Lisa Noble

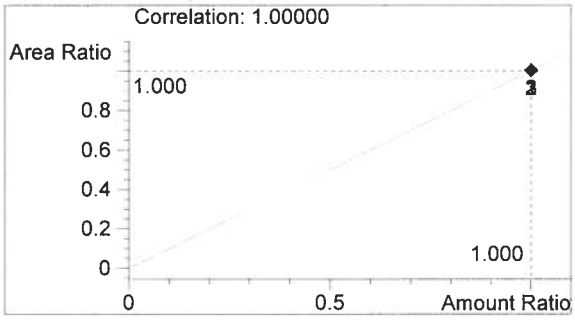
vial # 8



#	Compound	Area	RT
1	ETHANOL	1670	1.068
2	n-PROPANOL	2276	1.827
Totals:			



ETHANOL 0.200 g/100ml



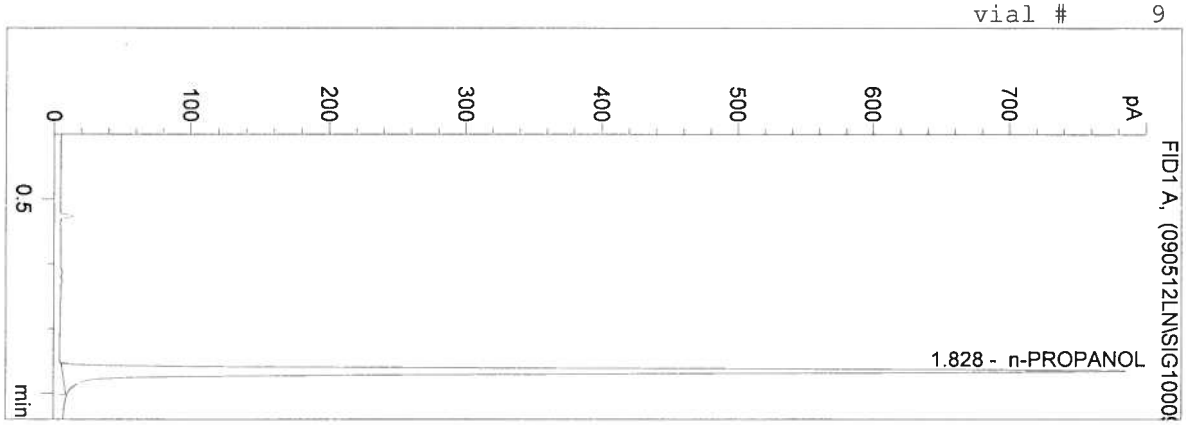
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:32:38 AM
Instrument 3
db-alc2

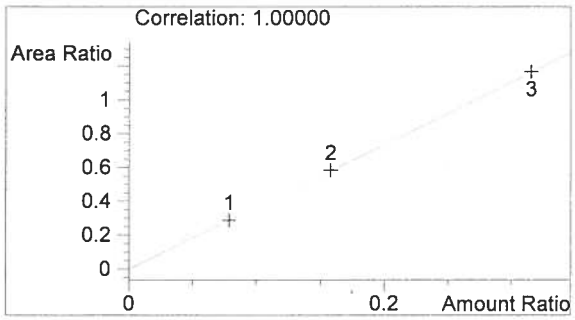
NEG CTRL-LN
Lisa Noble

vial # 9

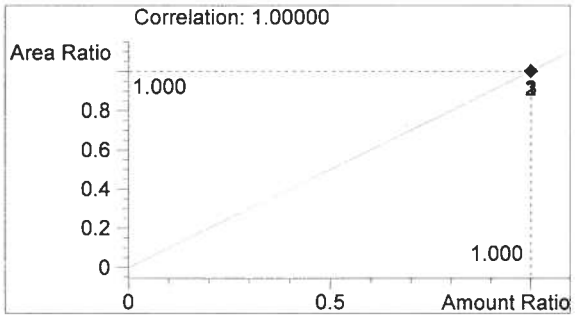


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2262	1.828

Totals:



ETHANOL 0.000 g/100ml



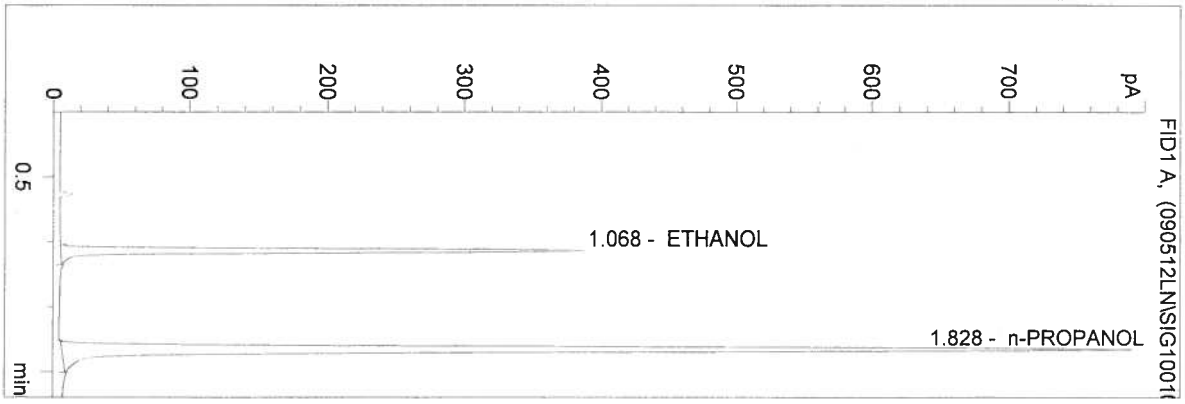
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

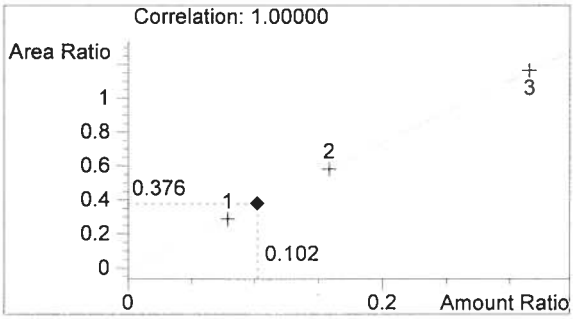
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:35:46 AM
Instrument 3
db-alc2

09022 #1
Lisa Noble

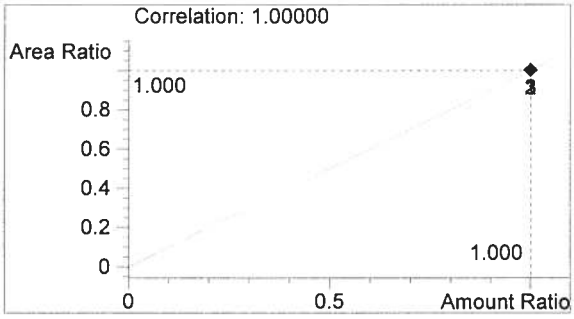
vial # 10



#	Compound	Area	RT
1	ETHANOL	855	1.068
2	n-PROPANOL	2273	1.828
Totals:			



ETHANOL 0.102 g/100ml



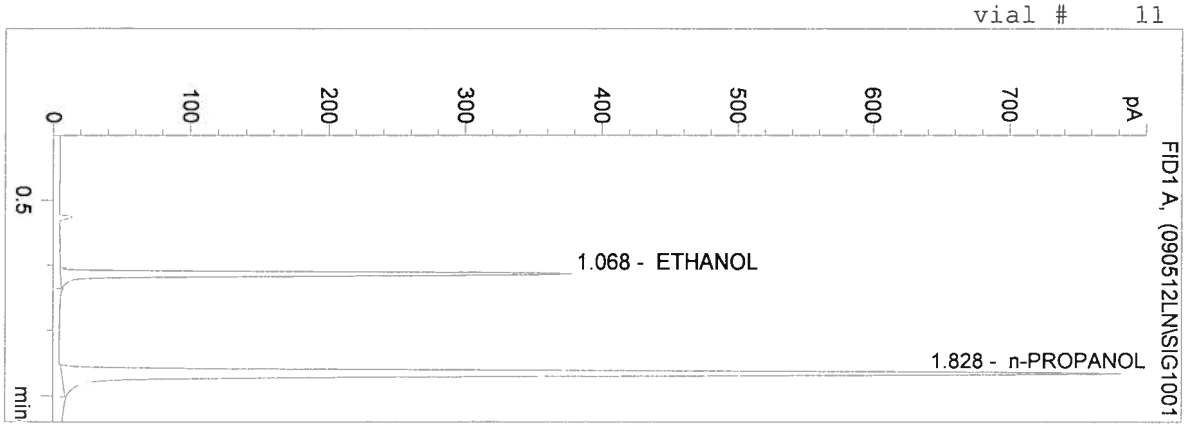
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

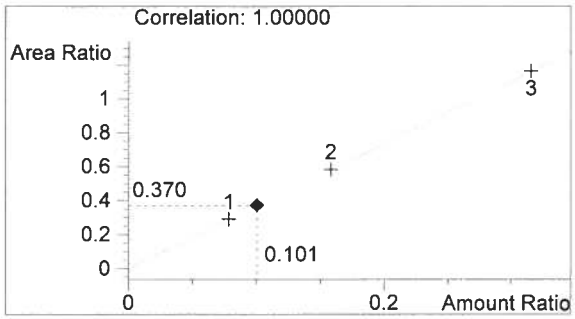
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:38:54 AM
Instrument 3
db-alc2

09022 #2
Lisa Noble

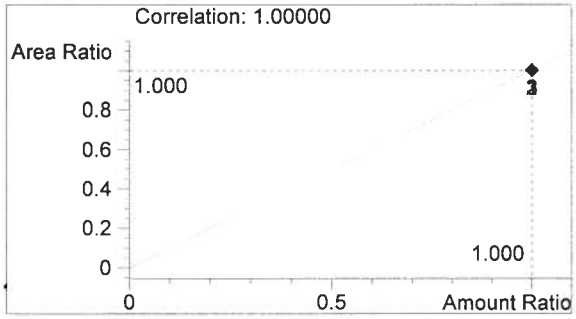
vial # 11



#	Compound	Area	RT
1	ETHANOL	833	1.068
2	n-PROPANOL	2253	1.828
Totals:			



ETHANOL 0.101 g/100ml



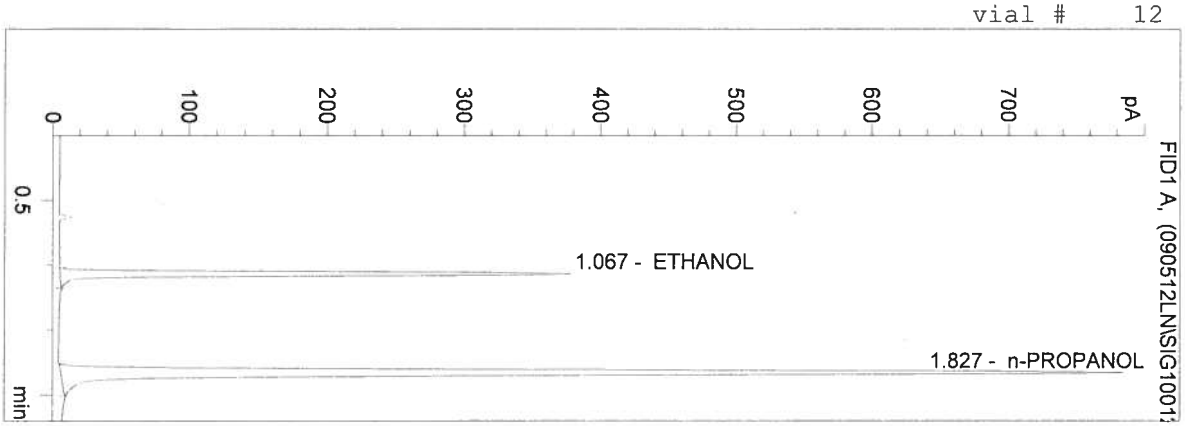
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

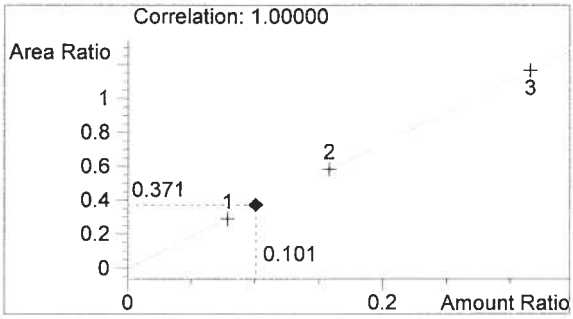
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:42:02 AM
Instrument 3
db-alc2

09022 #3
Lisa Noble

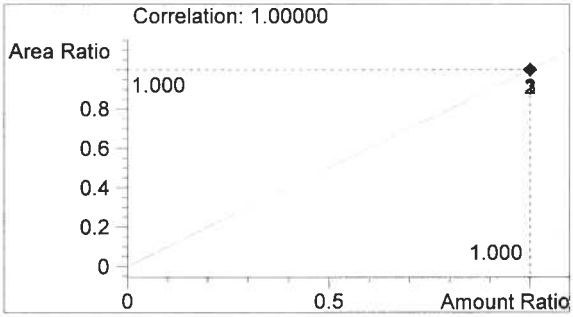
vial # 12



#	Compound	Area	RT
1	ETHANOL	840	1.067
2	n-PROPANOL	2266	1.827
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

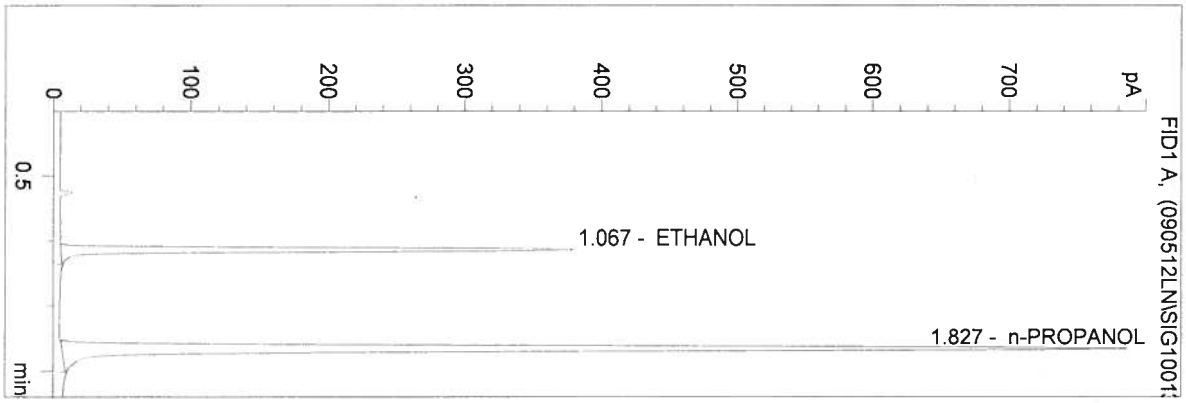
LN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:45:09 AM
Instrument 3
db-alc2

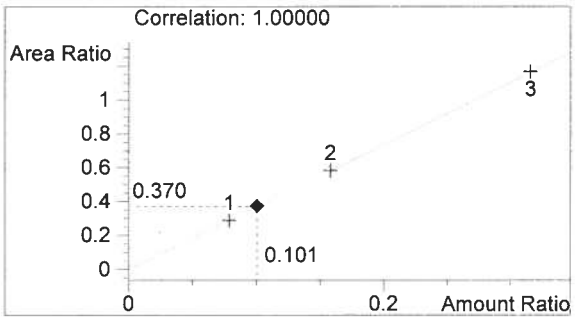
09022 #4
Lisa Noble

vial # 13

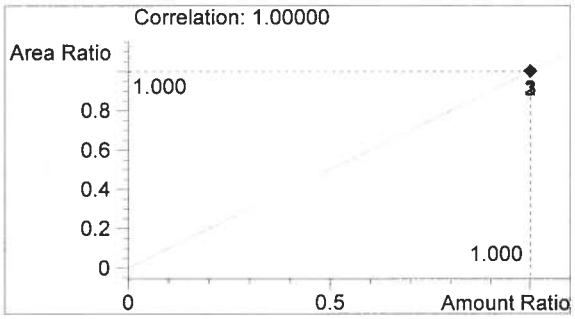


#	Compound	Area	RT
1	ETHANOL	842	1.067
2	n-PROPANOL	2274	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

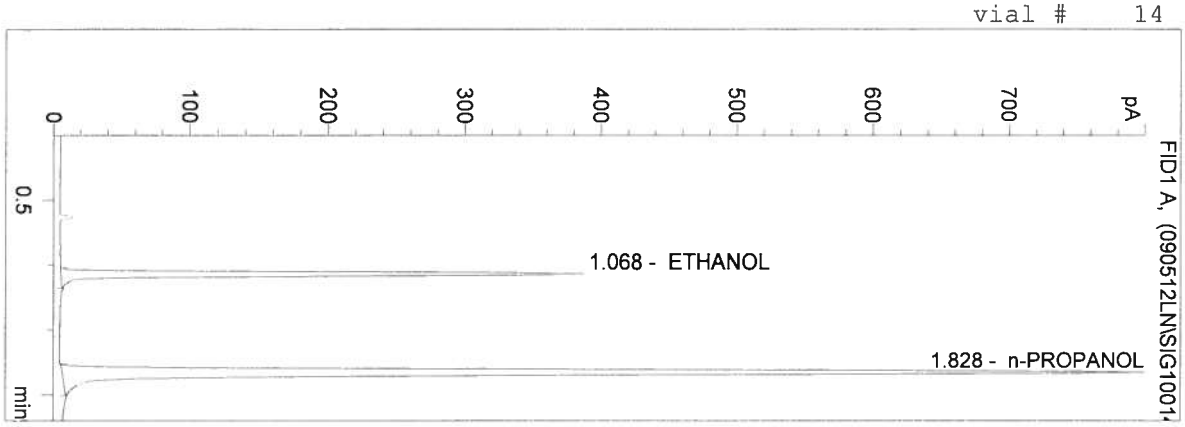
Ln

WASHINGTON STATE TOXICOLOGY LABORATORY

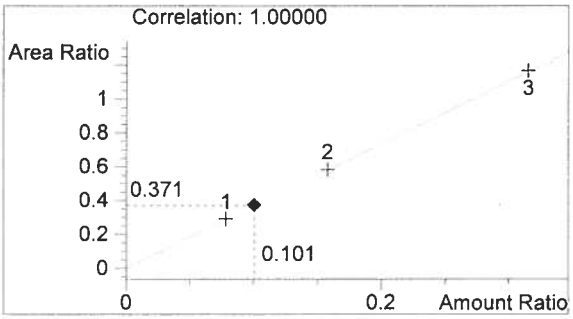
C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:48:17 AM
Instrument 3
db-alc2

09022 #5
Lisa Noble

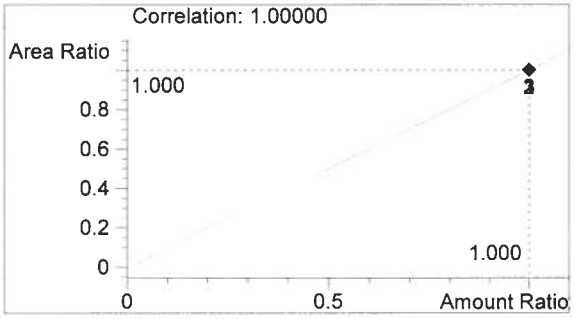
vial # 14



#	Compound	Area	RT
1	ETHANOL	858	1.068
2	n-PROPANOL	2312	1.828
Totals:			



ETHANOL 0.101 g/100ml



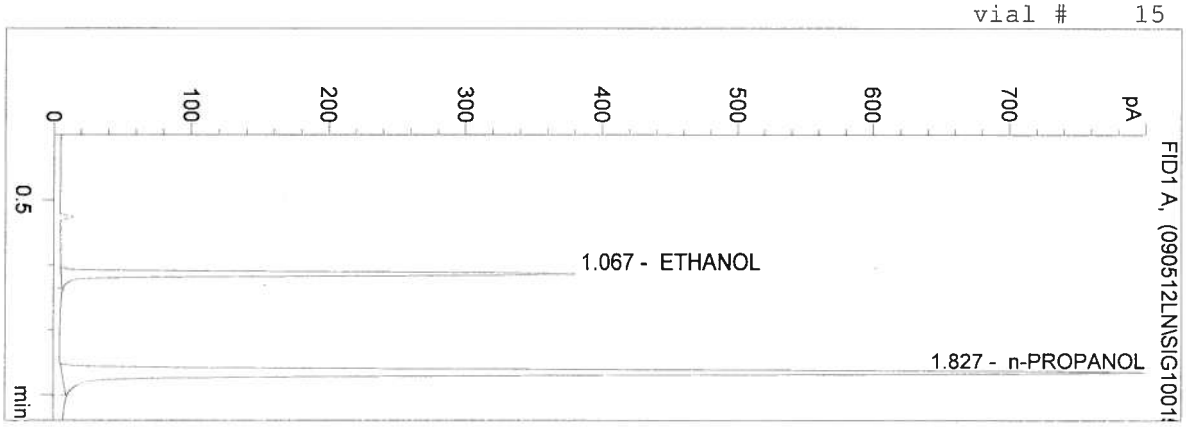
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:51:25 AM
Instrument 3
db-alc2

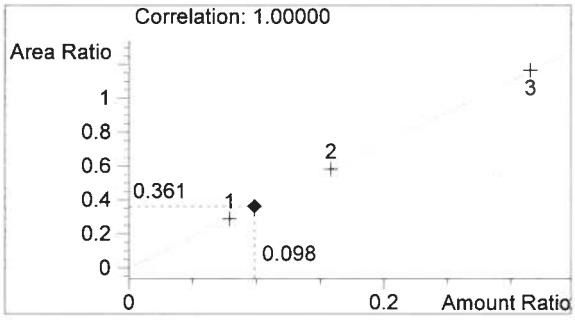
0.10 CTRL-LN
Lisa Noble

vial # 15

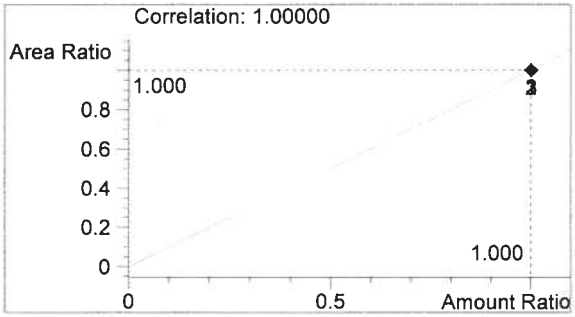


#	Compound	Area	RT
1	ETHANOL	842	1.067
2	n-PROPANOL	2331	1.827

Totals:



ETHANOL 0.098 g/100ml



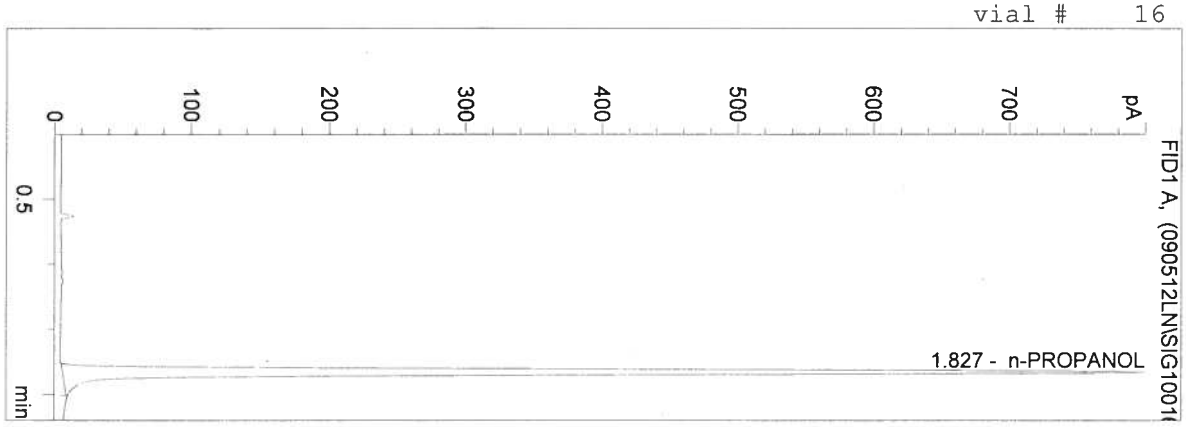
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/12/2009 9:54:37 AM
Instrument 3
db-alc2

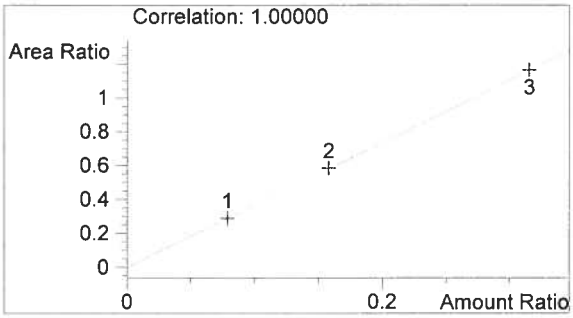
NEG CTRL-LN
Lisa Noble

vial # 16

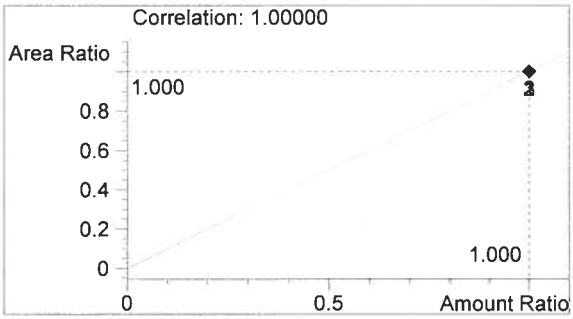


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2364	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

Washington State Patrol Toxicology Laboratory Division

EXTERNAL STANDARD SOLUTION PREPARATION WORKSHEET

Batch #: 09022

Preparer: E. Miranda

Date Prepared: 5-11-09

Expiration Date: 5-11-10

Lot 200 Proof (100%) Ethanol Used: XV3014

Date 200 Proof Ethanol Opened: 4-8-09
(Ethanol standard is approved for use for 6 months after opening unless an extension is approved by the State Toxicologist.)

52 L Deionized Water ☑

66.5 mL 200-proof ethanol ☑

Stir Bar is Rotating ☑

Stirred for at least 2 hours ☑

Spigot Purged ☑

Aliquot Taken ☑

Batch Labeled, Packaged and Sealed ☑ 5-11-09
Date

E. Miranda
Analyst

5-11-09
Date