WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
WASHINGTON STATE PATROL
2203 AIRPORT WAY S, SUITE 360
SEATTLE, WASHINGTON 98134-2027
(206) 262-6100 FAX (206) 262-6145

QUALITY ASSURANCE SOLUTION DATABASE

Preparation and certification of **0.04** g/210L Quality Assurance Solution

Batch number **08036** Date prepared: 07/31/2008

Preparation: **11.1** mL of absolute ethyl alcohol diluted to **18** Liters with water

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

	Analyst 1	Analyst 2	Analyst 3
1	0.047	0.048	0.048
2	0.048	0.047	0.049
3	0.047	0.048	0.048
4	0.048	0.048	0.048
5	0.048	0.048	0.048
Ctrl	0.099	0.099	0.100

Statistics:

Avg. solution concent.: 0.0479 g/100 mL

SD: 0.00052

Range (3.8XSD): 0.0459 to 0.0499

Precision CV (%): 1.0781 %

External Control:

Lot #: A056938 Exp date: MM 04 / YYYY 2012

Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.0389 g/210L

Analyst	Name	Signature	Date Tested
1	Brianna Peterson	Brianna Peterson	07/31/2008
2	Justin L Knoy	Justin L Knoy	08/01/2008
3	Christie Mitchell	Christie Mitchell	08/06/2008

Prepared by: Brianna Peterson according to the approved protocol.

Final review by: [illegible] 9/8/08

ver 12/19/2007

WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/ s: KEN DENTON/ROD GULLBERG Date: 9-4-2008

Location: TOX LAB Solution Batch Number: D8D36

	YES	NO	N/A
Preparation date precedes all analysis dates:	☒	☐	☐
Declarations signed and properly dated:	☒	☐	☐
Data entry corresponds to all chromatograms:	☒	☐	☐
All signatures present on Analysis sheet:	☒	☐	☐
Avg. solution concentration correct?:	☒	☐	☐
Standard deviation correct:	☒	☐	☐
Range correct if applicable:	☒	☐	☐
Equivalent vapor concentration correct?	☒	☐	☐
Blank Chromatograms included in file:	☒	☐	☐
External Control information correct: (lot # present and future date)	☒	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐	☐
CV% Correct?	☒	☐	☐
Reviewed for outliers per policy and none found?	☒	☐	☐

Comments:

Reviewer Signature: R G Gull Date: 9-4-08

Reviewer Signature: K.L. Denton Date: 9-4-2008

Rev. Date: 2/14/2008

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 08036

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 quality assurance solution, Lot Number 08036, was prepared in the Washington State Toxicology Laboratory on 7/31/2008. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 7/31/2009.

Seattle, WA

Brianna Peterson 9.3.08
Brianna Peterson Date
Forensic Toxicologist

BP/ik
BPQA

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 08036

I, Justin L. Knoy, do certify under penalty of perjury that:

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

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

The quality assurance solution, Lot Number 08036, was prepared in the Washington State Toxicology Laboratory on 7/31/2008. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 7/31/2009.

Seattle, WA

9/3/08

Justin L. Knoy Date
Forensic Toxicologist

JLK/ik
JKQA

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 08036

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 quality assurance solution, Lot Number 08036, was prepared in the Washington State Toxicology Laboratory on 7/31/2008. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 7/31/2009.

Seattle, WA

Christie Mitchell 9/3/08
Christie Mitchell Date
Forensic Toxicologist

CM/ik
CMQA

Solution Certificate Review Checkoff

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Black		
Asa Louis		
Brian Capron		
Brianna Peterson	BP	9.3.08
Brianne Akins		
Brittany Ball		
Christie Mitchell	CM	9/3/08
Christopher Johnston		
Erin Kolbrich		
Estuardo Miranda		
Gwynyth Scherperel		
Justin Knoy	JK	9/3/08
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Sequence Parameters:

Operator:	Brianna Peterson
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	080731BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO3	1	Calib		
5	Vial 5	Blank-BP	BLDALCO3	1	Ctrl Samp		
6	Vial 6	0.04 Mix	VOL	1	Calib		
7	Vial 7	0.08 Mix	VOL	1	Calib		
8	Vial 8	0.02 Std	BLDALCO3	1	Sample		
9	Vial 9	0.04 Ctrl - BP	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.10 Ctrl - BP	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.20 Ctrl - BP	BLDALCO3	1	Ctrl Samp		
12	Vial 12	Blank	BLDALCO3	1	Sample		
13	Vial 13	QA08036-1	BLDALCO3	1	Sample		
14	Vial 14	QA08036-2	BLDALCO3	1	Sample		
15	Vial 15	QA08036-3	BLDALCO3	1	Sample		
16	Vial 16	QA08036-4	BLDALCO3	1	Sample		
17	Vial 17	QA08036-5	BLDALCO3	1	Sample		
18	Vial 18	0.10 Ctrl-BP	BLDALCO3	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO3	1	Sample		
20	Vial 20	QA08037-1	BLDALCO3	1	Sample		
21	Vial 21	QA08037-2	BLDALCO3	1	Sample		
22	Vial 22	QA08037-3	BLDALCO3	1	Sample		
23	Vial 23	QA08037-4	BLDALCO3	1	Sample		
24	Vial 24	QA08037-5	BLDALCO3	1	Sample		
25	Vial 25	0.10 Ctrl-BP	BLDALCO3	1	Ctrl Samp		
26	Vial 26	BLANK	BLDALCO3	1	Sample		
27	Vial 27	QA08038-1	BLDALCO3	1	Sample		
28	Vial 28	QA08038-2	BLDALCO3	1	Sample		
29	Vial 29	QA08038-3	BLDALCO3	1	Sample		
30	Vial 30	QA08038-4	BLDALCO3	1	Sample		
31	Vial 31	QA08038-5	BLDALCO3	1	Sample		
32	Vial 32	0.10 Ctrl-BP	BLDALCO3	1	Ctrl Samp		
33	Vial 33	BLANK	BLDALCO3	1	Sample		
34	Vial 34	QA08039-1	BLDALCO3	1	Sample		
35	Vial 35	QA08039-2	BLDALCO3	1	Sample		
36	Vial 36	QA08039-3	BLDALCO3	1	Sample		
37	Vial 37	QA08039-4	BLDALCO3	1	Sample		
38	Vial 38	QA08039-5	BLDALCO3	1	Sample		
39	Vial 39	0.10 CTL-BP	BLDALCO3	1	Ctrl Samp		
40	Vial 40	BLANK	BLDALCO3	1	Sample		

0.04 Control
Lot# A056758
Exp: 03/2012

0.10 Control
Lot# A056938
Exp: 04/2012

0.20 Control
Lot# A055525
Exp: 02/2012

BP

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

Sequence Table (Back Injector):

No entries - empty table!

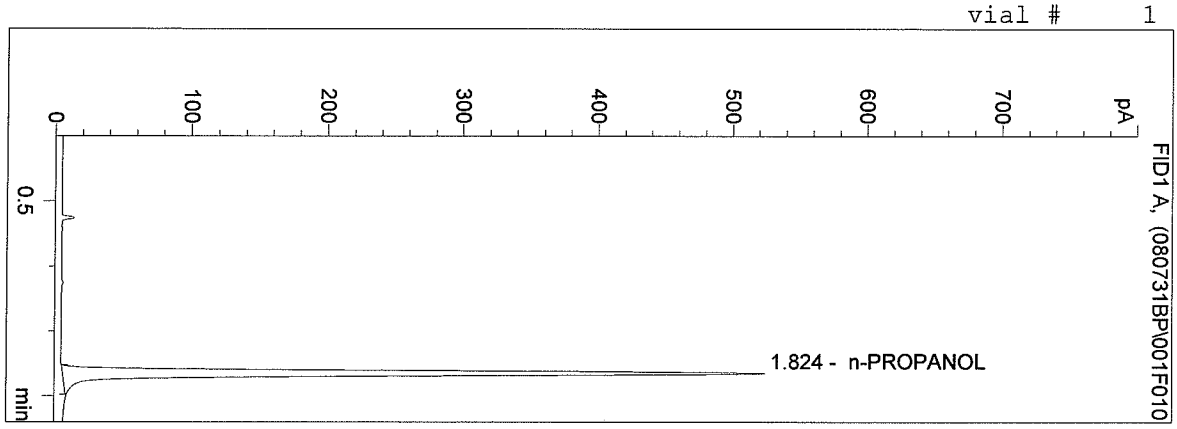
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:02:29 PM
Instrument 3
db-alc2

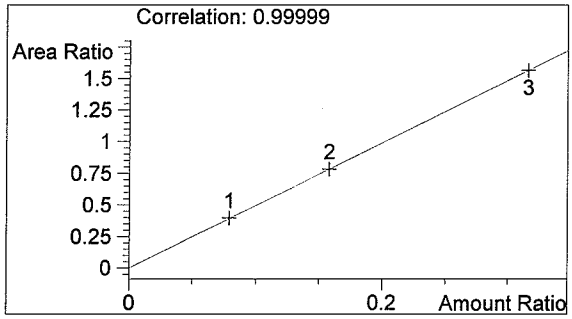
BLANK
Brianna Peterson

vial # 1

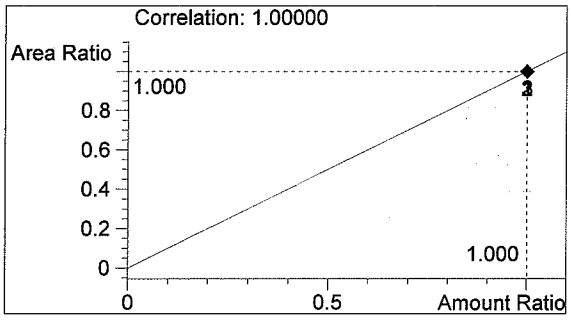


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1454	1.824

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

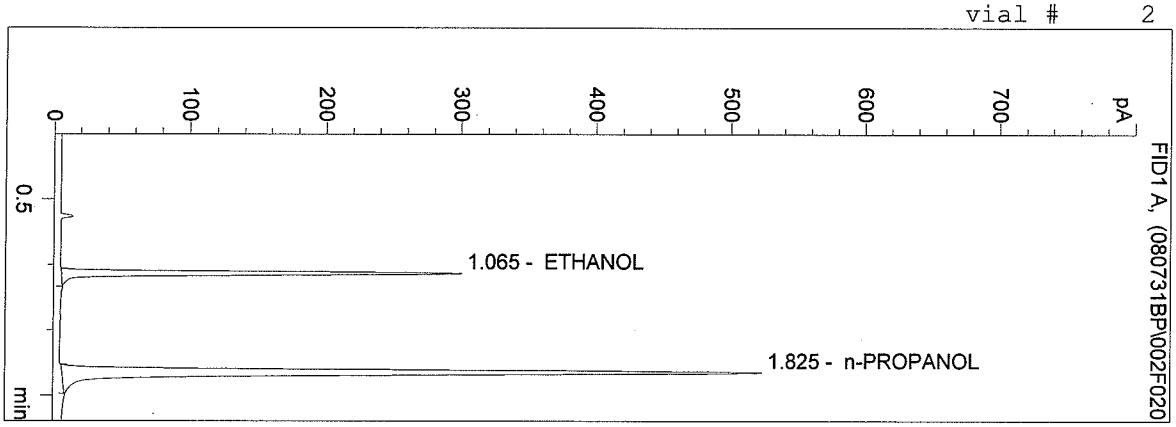
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:05:36 PM
Instrument 3
db-alc2

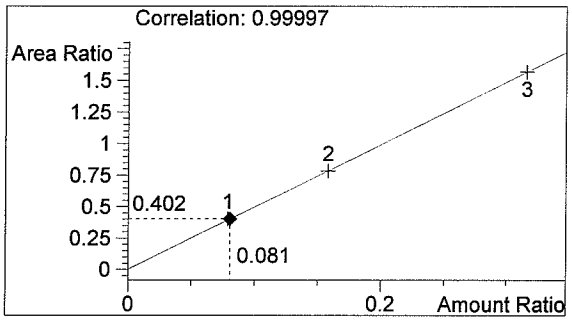
0.079 CAL
Brianna Peterson

vial # 2

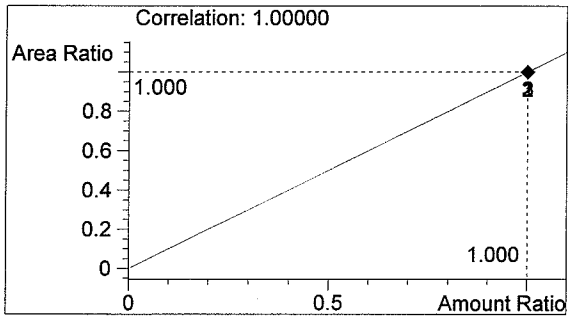


#	Compound	Area	RT
1	ETHANOL	582	1.065
2	n-PROPANOL	1448	1.825

Totals:



ETHANOL 0.081 g/100ml



n-PROPANOL 1.000 g/100ml

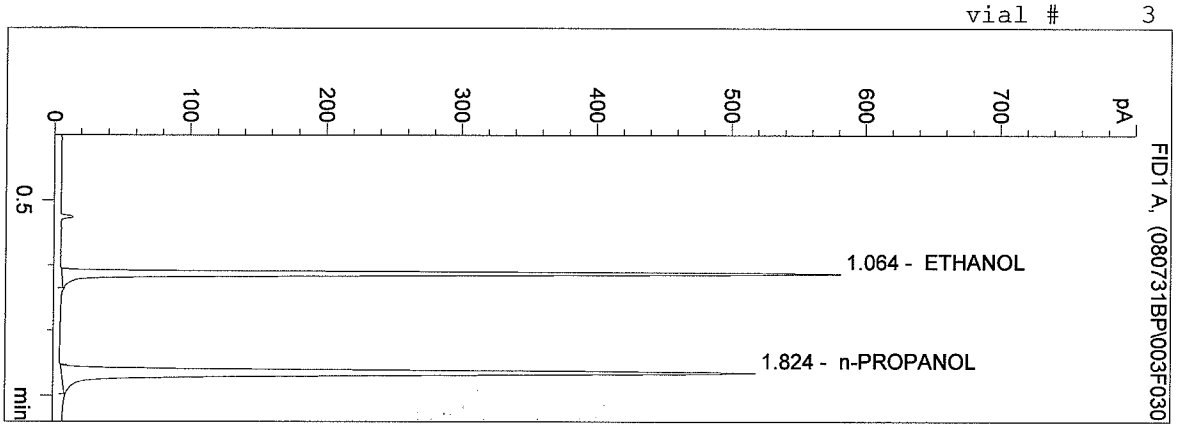
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:08:43 PM
Instrument 3
db-alc2

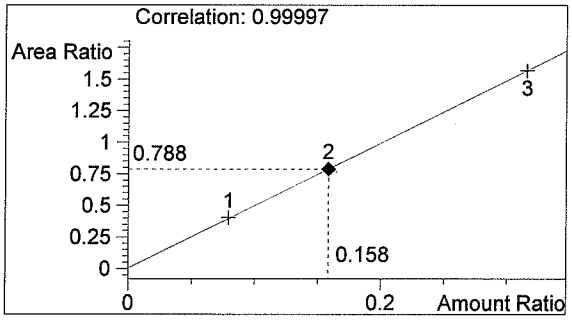
0.158 CAL
Brianna Peterson

vial # 3

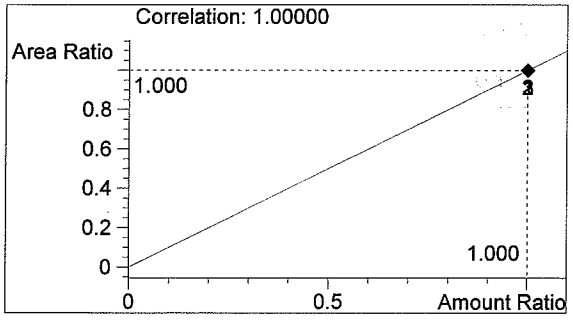


#	Compound	Area	RT
1	ETHANOL	1134	1.064
2	n-PROPANOL	1438	1.824

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

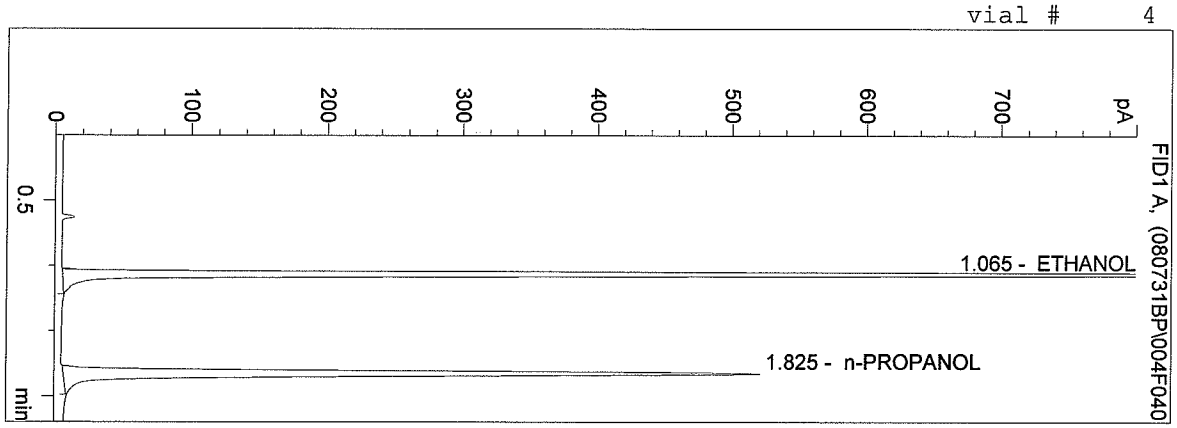
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:11:50 PM
Instrument 3
db-alc2

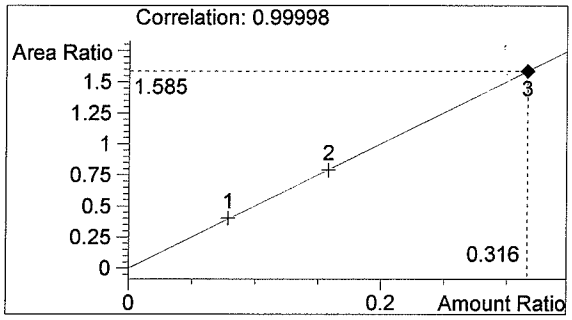
0.316 CAL
Brianna Peterson

vial # 4

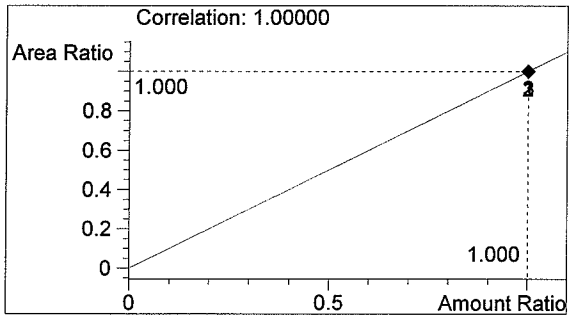


#	Compound	Area	RT
1	ETHANOL	2285	1.065
2	n-PROPANOL	1441	1.825

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

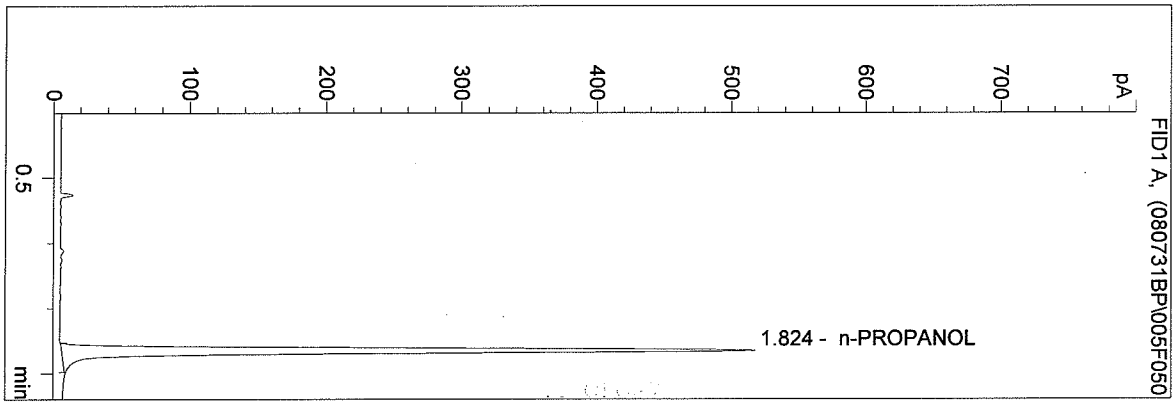
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:14:57 PM
Instrument 3
db-alc2

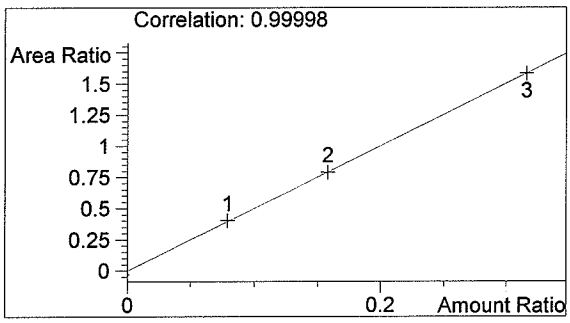
Blank-BP
Brianna Peterson

vial # 5

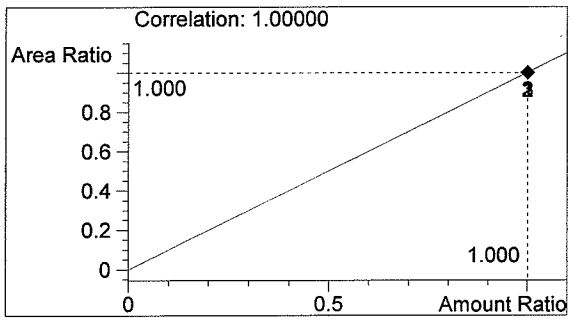


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1438	1.824

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

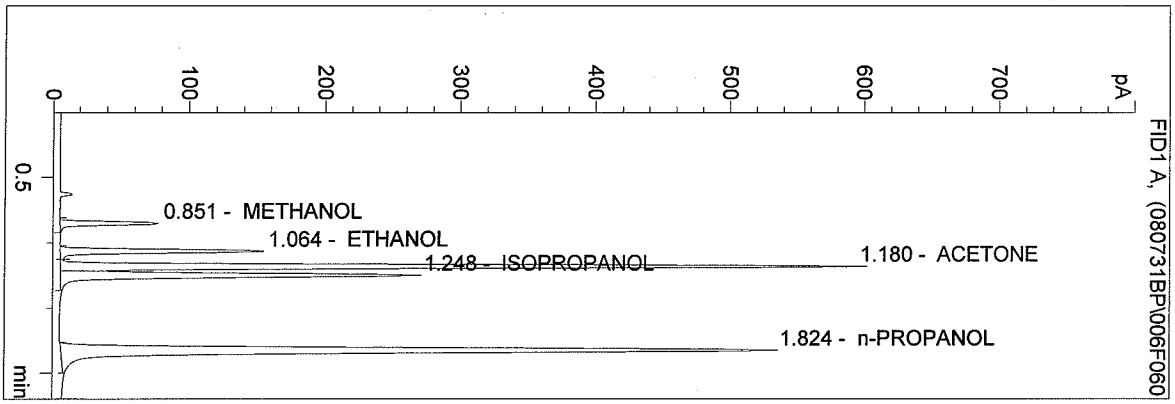
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
7/31/2008 1:18:07 PM
Instrument 3
db-alc2

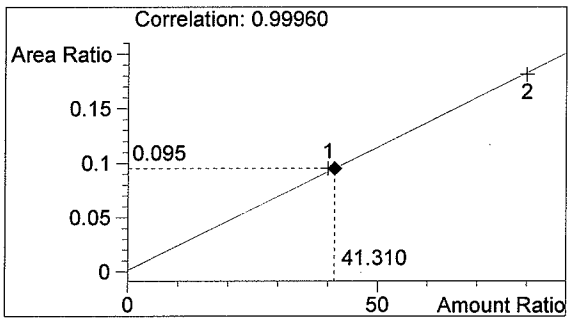
0.04 Mix
Brianna Peterson

vial # 6

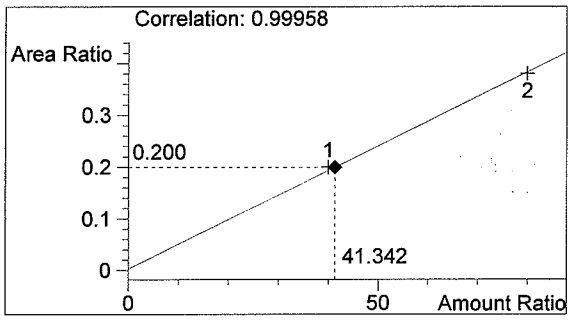


#	Compound	Area	RT
1	METHANOL	142	0.851
2	ETHANOL	298	1.064
3	ACETONE	1151	1.180
4	ISOPROPANOL	598	1.248
5	n-PROPANOL	1491	1.824

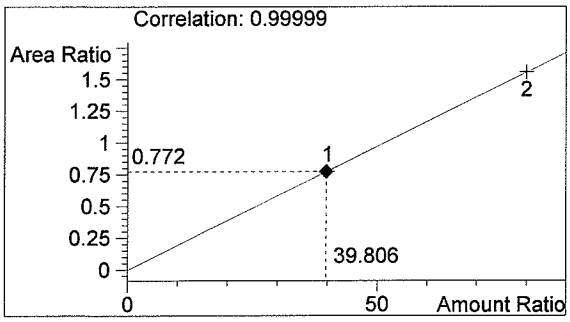
Totals:



METHANOL 41.310 mg/dL



ETHANOL 41.342 mg/dL



ACETONE 39.806 mg/dL

BP

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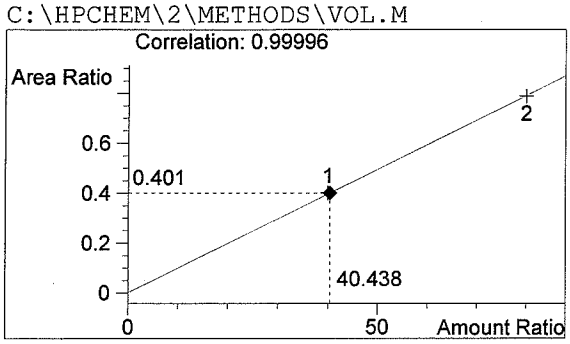
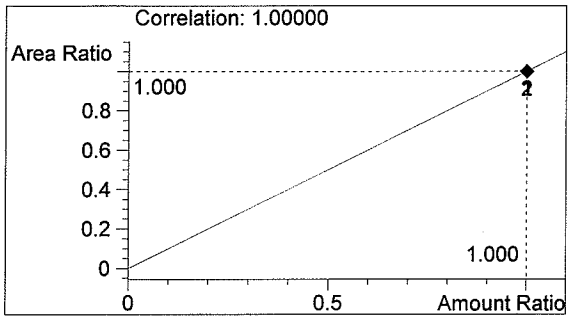
C:\HPCHEM\2\METHODS\VOL.M



ISOPROPANOL 40.438 mg/dL



n-PROPANOL 1.000 mg/dL

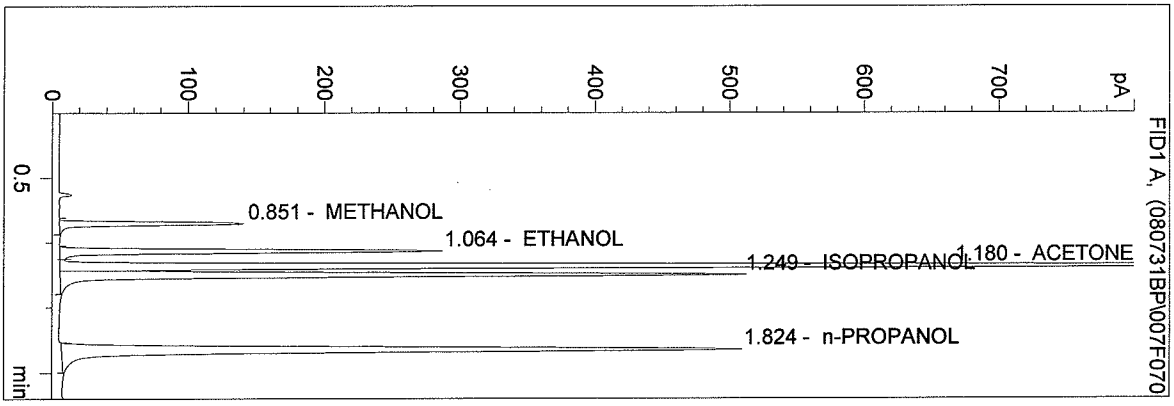
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
7/31/2008 1:21:14 PM
Instrument 3
db-alc2

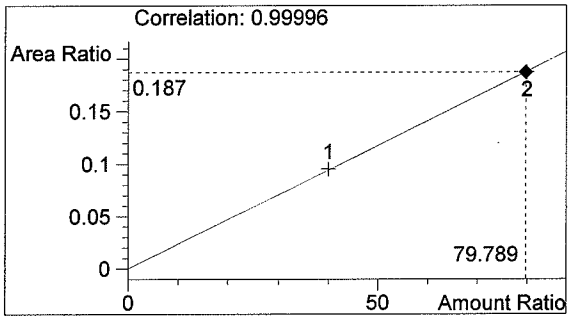
0.08 Mix
Brianna Peterson

vial # 7

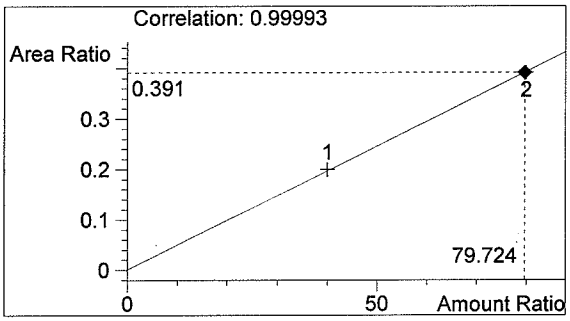


#	Compound	Area	RT
1	METHANOL	263	0.851
2	ETHANOL	549	1.064
3	ACETONE	2188	1.180
4	ISOPROPANOL	1135	1.249
5	n-PROPANOL	1403	1.824

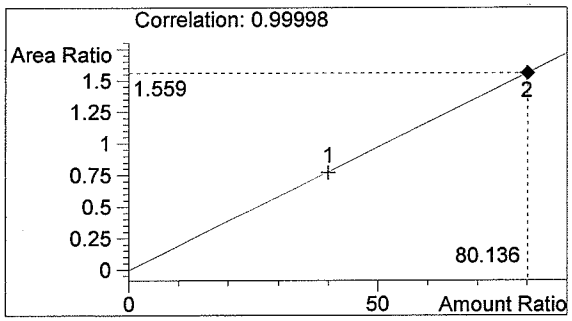
Totals:



METHANOL 79.789 mg/dL



ETHANOL 79.724 mg/dL

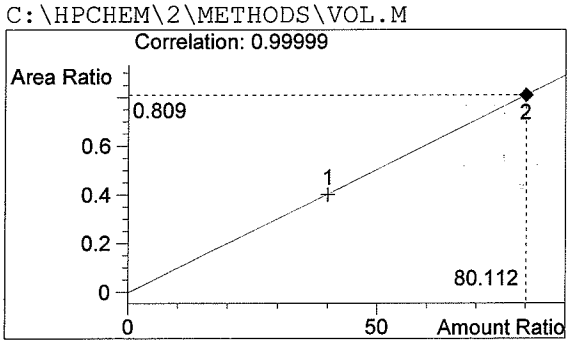


ACETONE 80.136 mg/dL

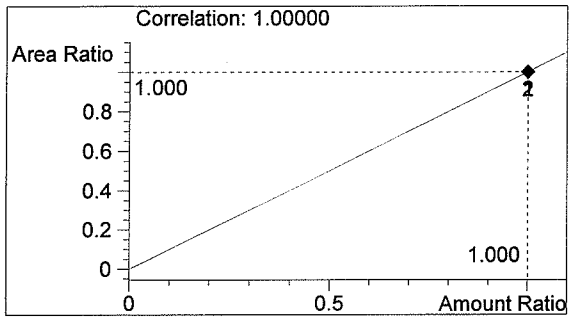
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M



ISOPROPANOL 80.112 mg/dL



n-PROPANOL 1.000 mg/dL

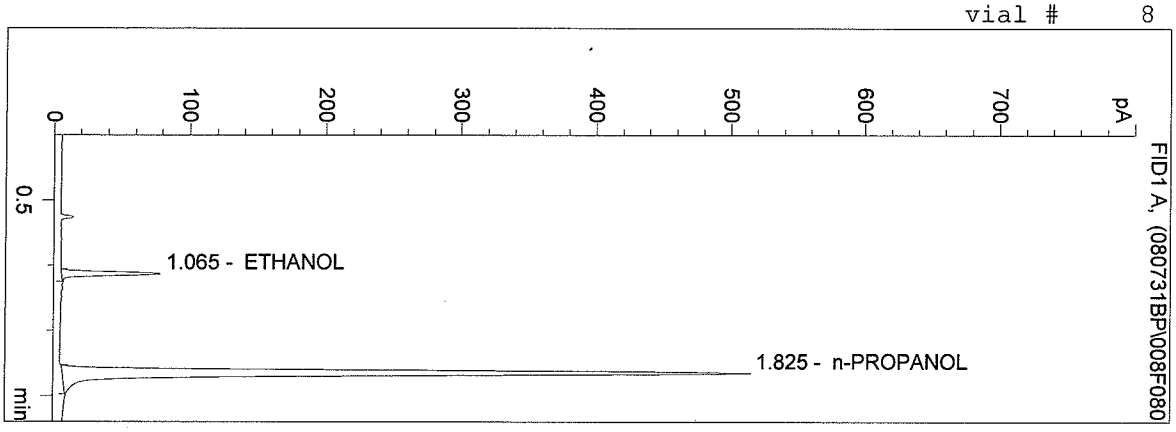
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:24:25 PM
Instrument 3
db-alc2

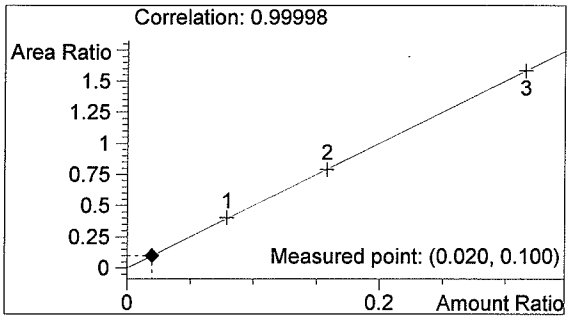
0.02 Std
Brianna Peterson

vial # 8

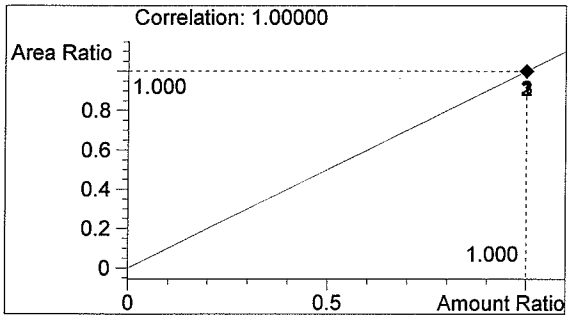


#	Compound	Area	RT
1	ETHANOL	142	1.065
2	n-PROPANOL	1426	1.825

Totals:



ETHANOL 0.020 g/100ml



n-PROPANOL 1.000 g/100ml

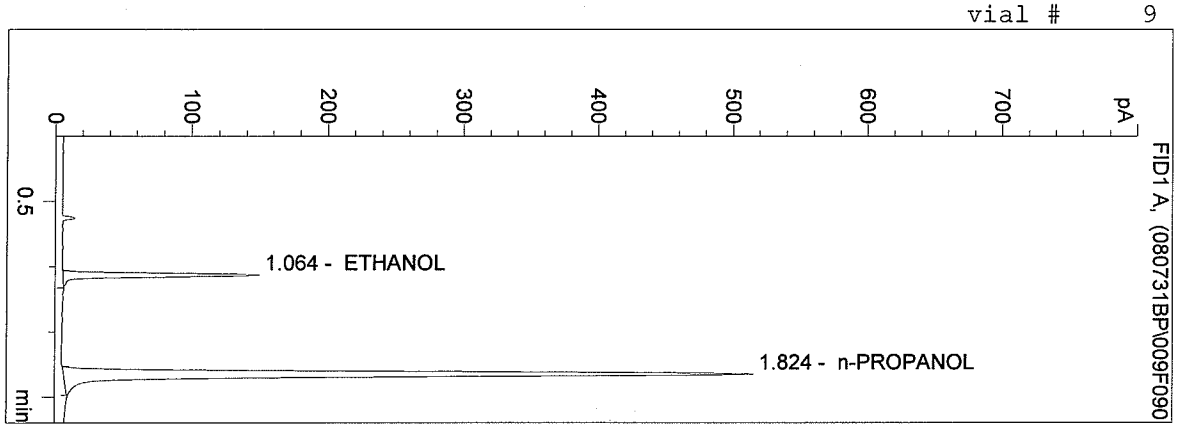
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:27:32 PM
Instrument 3
db-alc2

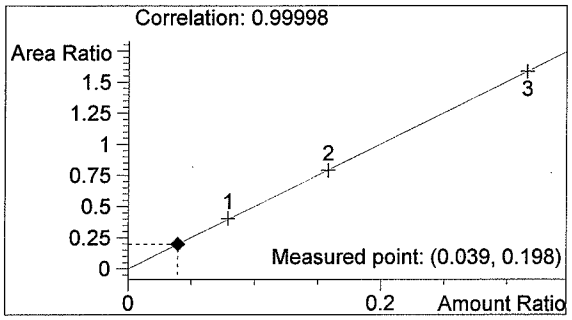
0.04 Ctrl - BP
Brianna Peterson

vial # 9

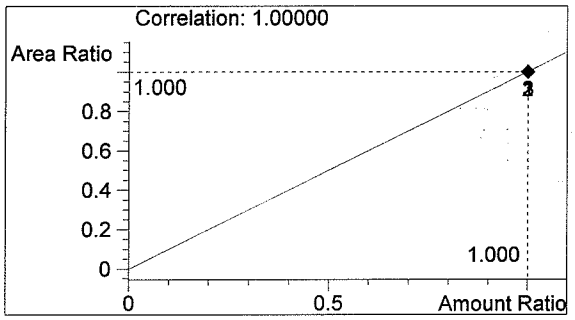


#	Compound	Area	RT
1	ETHANOL	283	1.064
2	n-PROPANOL	1428	1.824

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

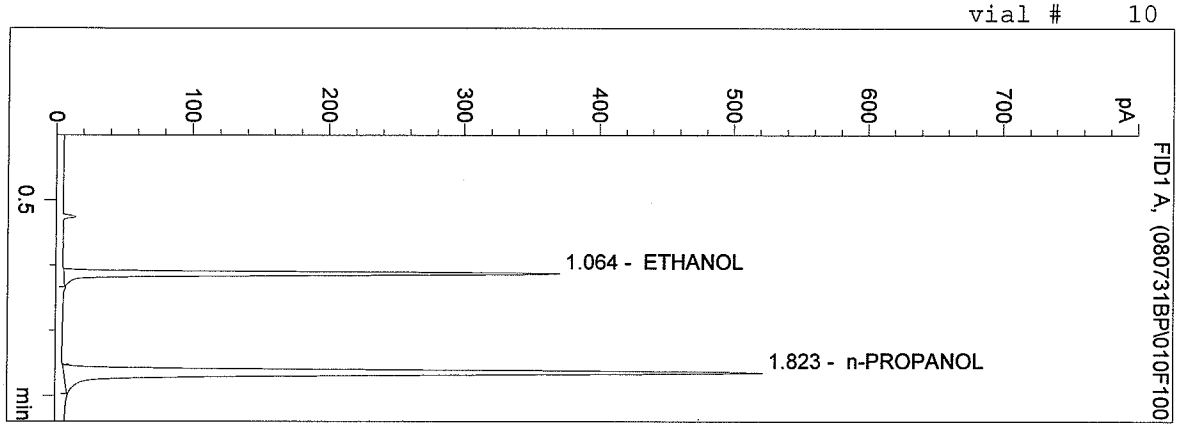
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:30:39 PM
Instrument 3
db-alc2

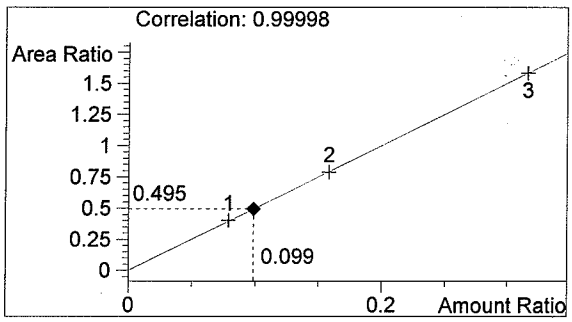
0.10 Ctrl - BP
Brianna Peterson

vial # 10

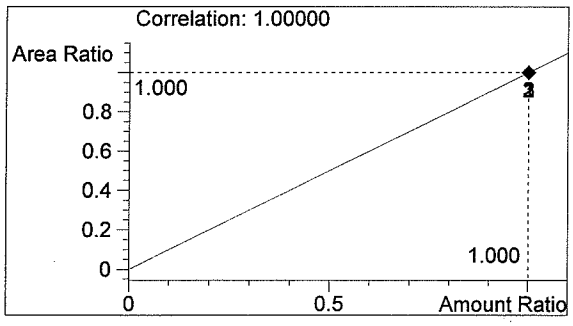


#	Compound	Area	RT
1	ETHANOL	718	1.064
2	n-PROPANOL	1449	1.823

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

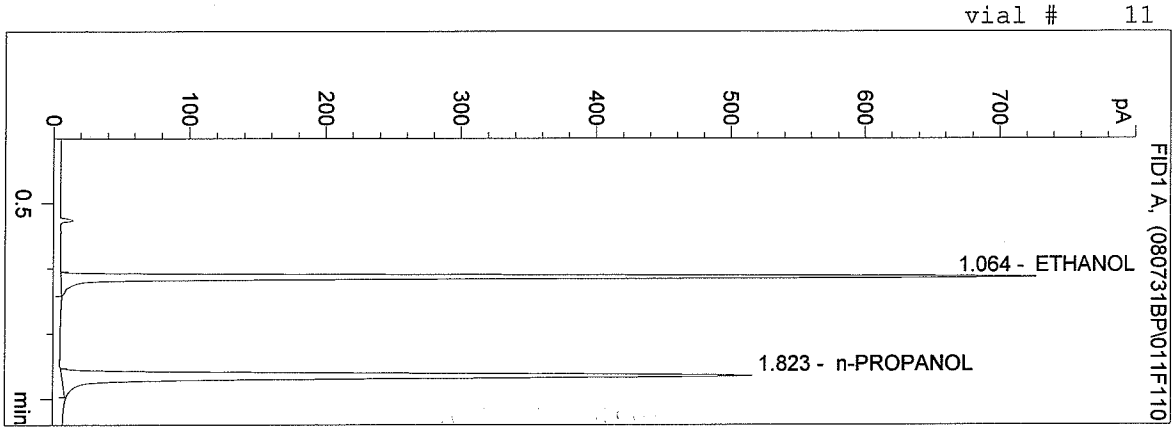
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:33:47 PM
Instrument 3
db-alc2

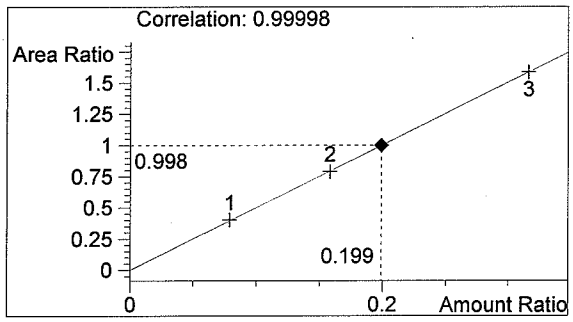
0.20 Ctrl - BP
Brianna Peterson

vial # 11

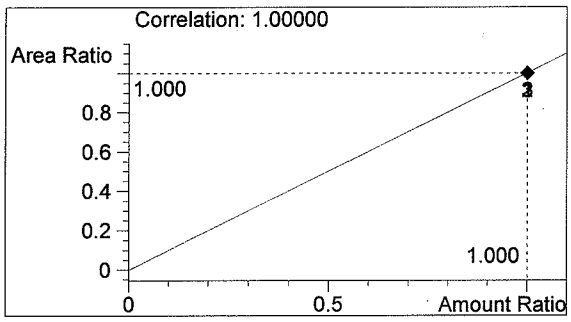


#	Compound	Area	RT
1	ETHANOL	1427	1.064
2	n-PROPANOL	1429	1.823

Totals:



ETHANOL 0.199 g/100ml



n-PROPANOL 1.000 g/100ml

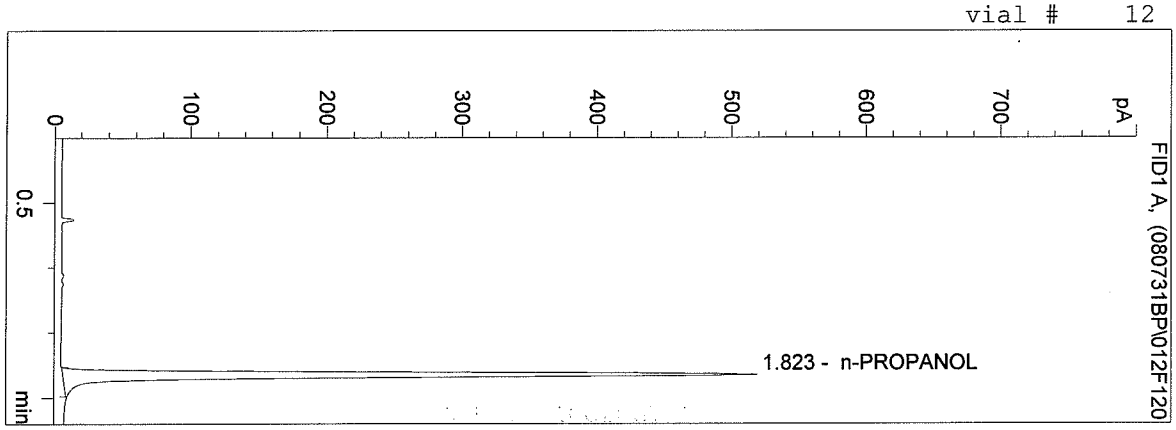
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:36:54 PM
Instrument 3
db-alc2

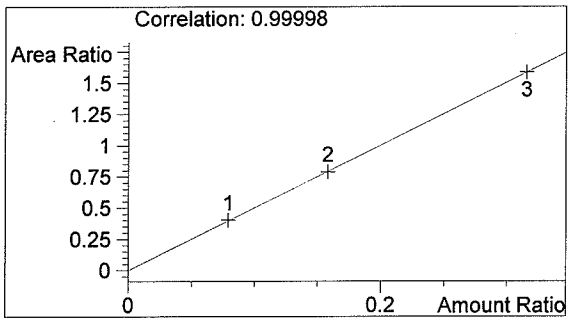
Blank
Brianna Peterson

vial # 12

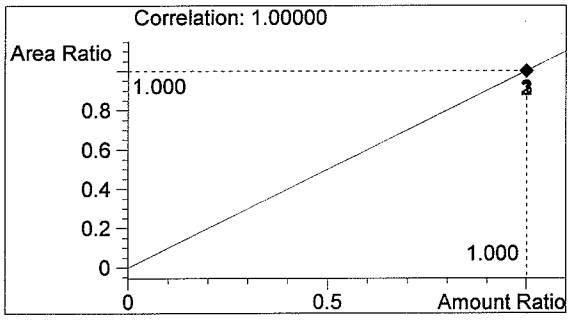


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1439	1.823

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

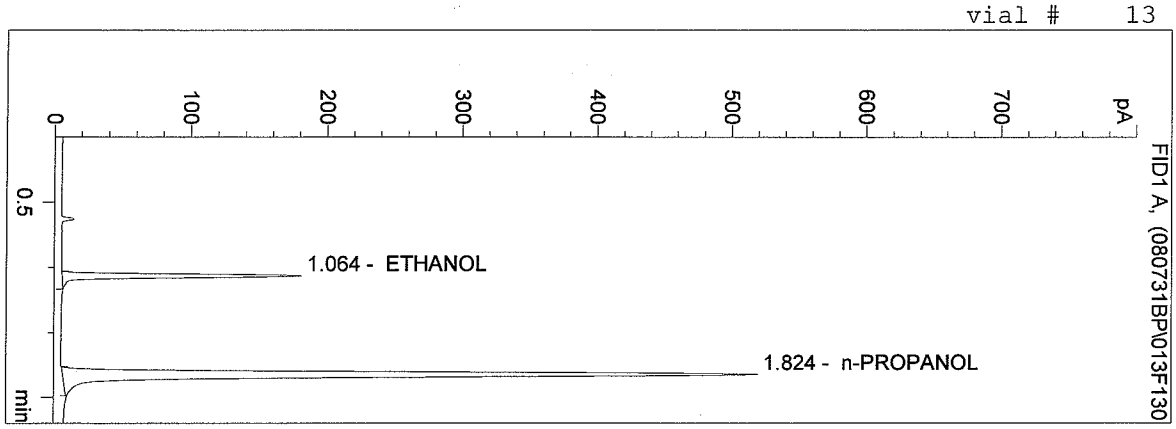
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:40:01 PM
Instrument 3
db-alc2

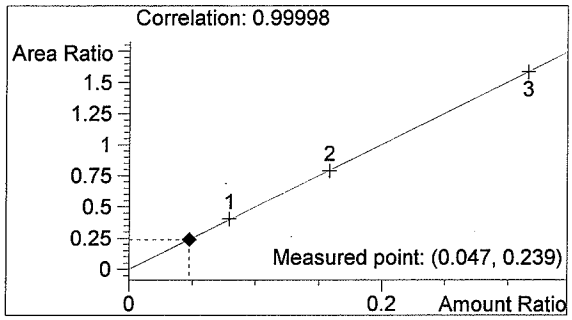
QA08036-1
Brianna Peterson

vial # 13

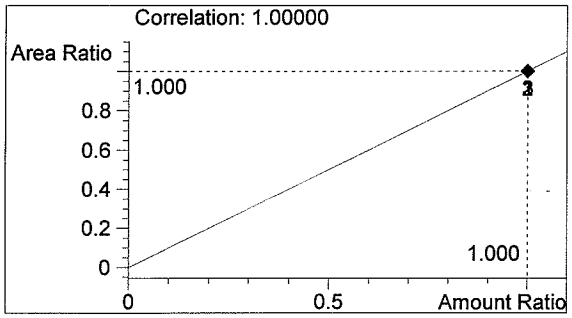


#	Compound	Area	RT
1	ETHANOL	345	1.064
2	n-PROPANOL	1442	1.824

Totals:



ETHANOL 0.047 g/100ml



n-PROPANOL 1.000 g/100ml

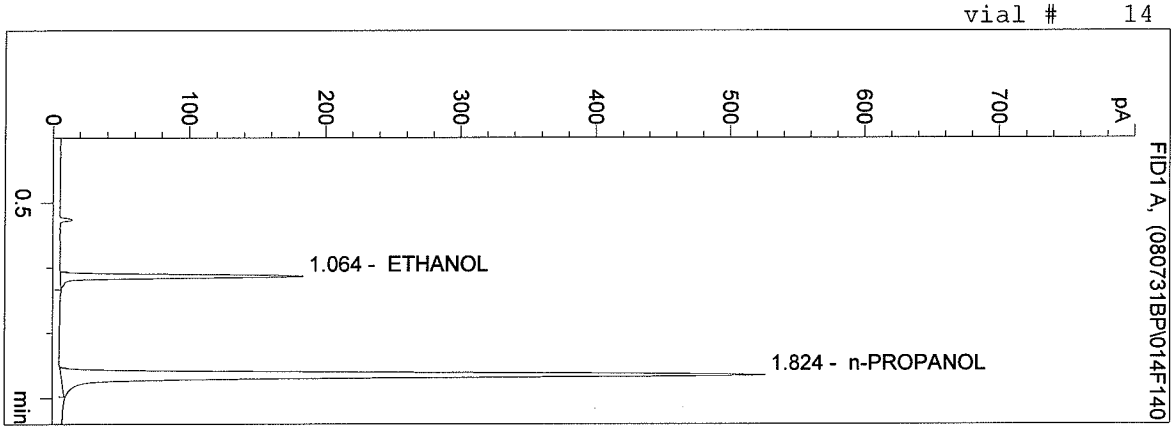
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:43:08 PM
Instrument 3
db-alc2

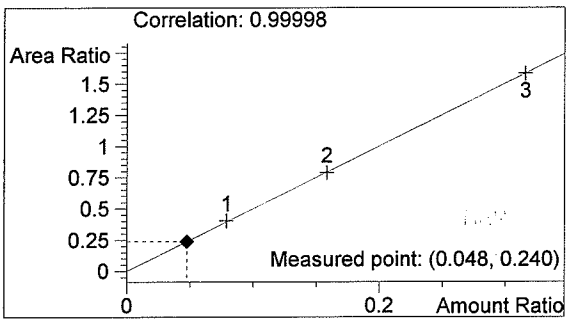
QA08036-2
Brianna Peterson

vial # 14

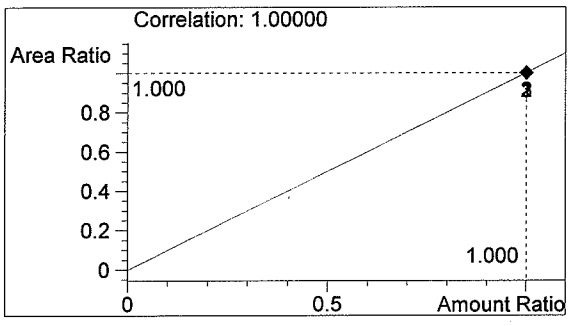


#	Compound	Area	RT
1	ETHANOL	349	1.064
2	n-PROPANOL	1458	1.824

Totals:



ETHANOL 0.048 g/100ml



n-PROPANOL 1.000 g/100ml

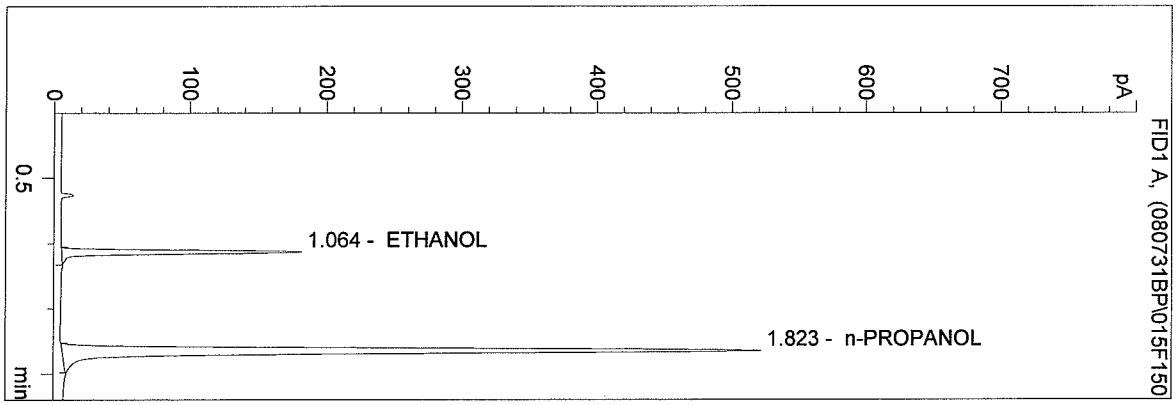
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:46:15 PM
Instrument 3
db-alc2

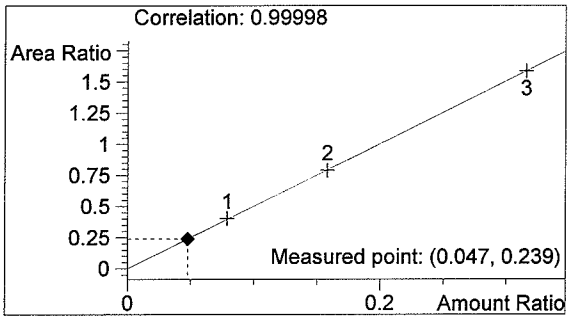
QA08036-3
Brianna Peterson

vial # 15

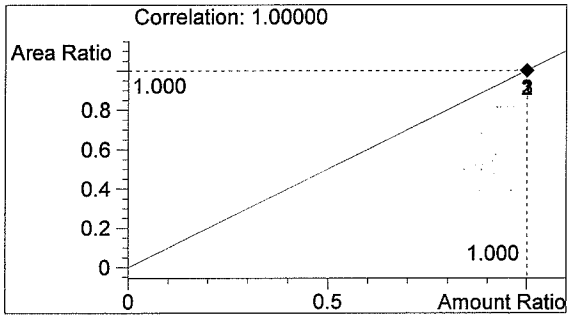


#	Compound	Area	RT
1	ETHANOL	347	1.064
2	n-PROPANOL	1450	1.823

Totals:



ETHANOL 0.047 g/100ml



n-PROPANOL 1.000 g/100ml

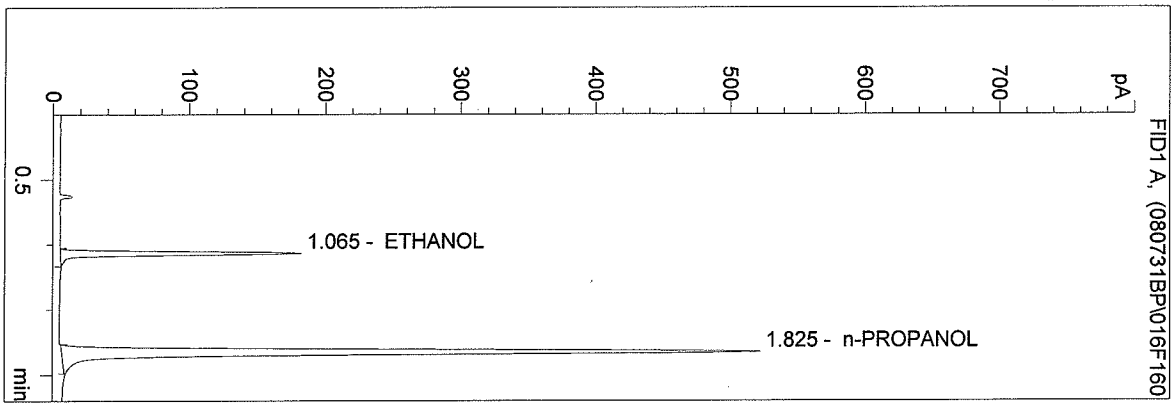
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:49:23 PM
Instrument 3
db-alc2

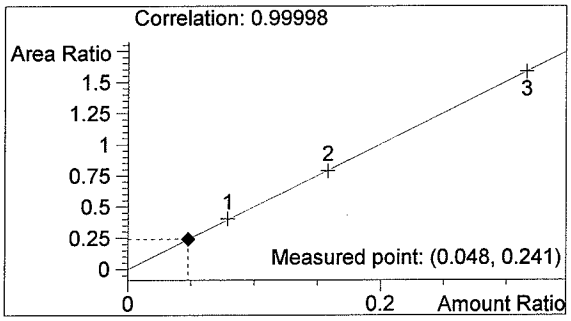
QA08036-4
Brianna Peterson

vial # 16

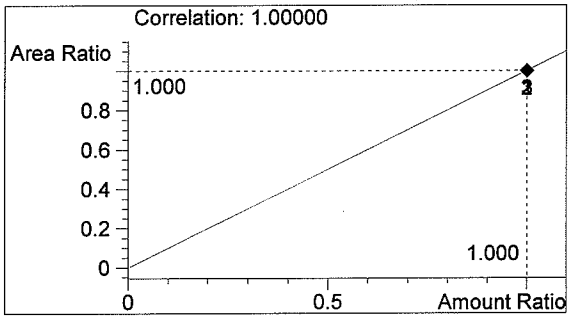


#	Compound	Area	RT
1	ETHANOL	348	1.065
2	n-PROPANOL	1444	1.825

Totals:



ETHANOL 0.048 g/100ml



n-PROPANOL 1.000 g/100ml

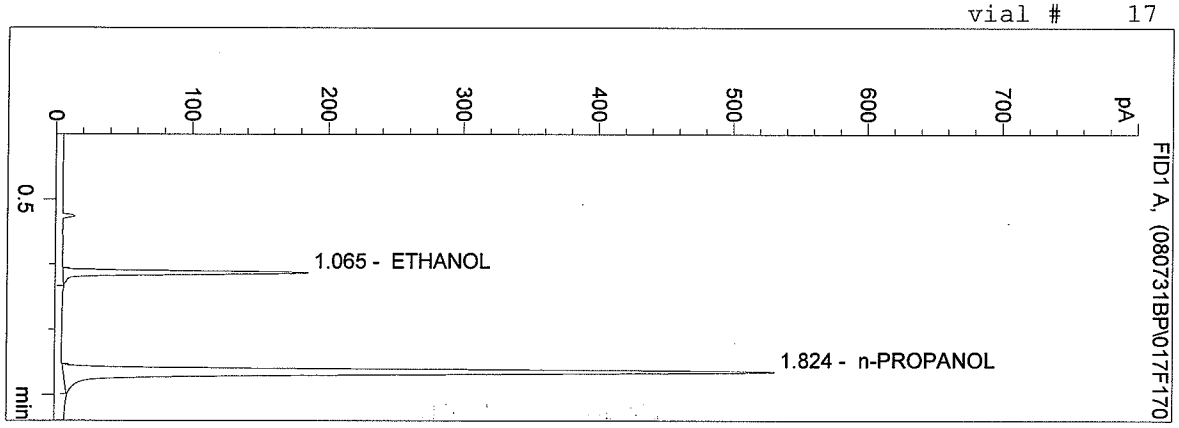
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:52:30 PM
Instrument 3
db-alc2

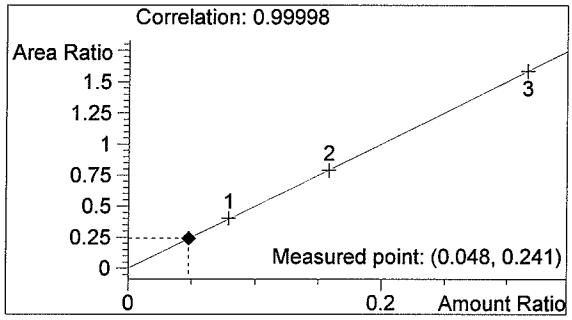
QA08036-5
Brianna Peterson

vial # 17

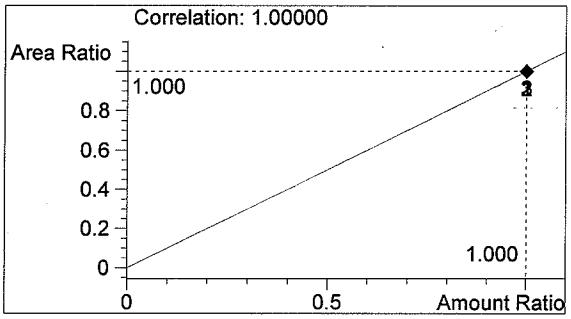


#	Compound	Area	RT
1	ETHANOL	356	1.065
2	n-PROPANOL	1476	1.824

Totals:



ETHANOL 0.048 g/100ml



n-PROPANOL 1.000 g/100ml

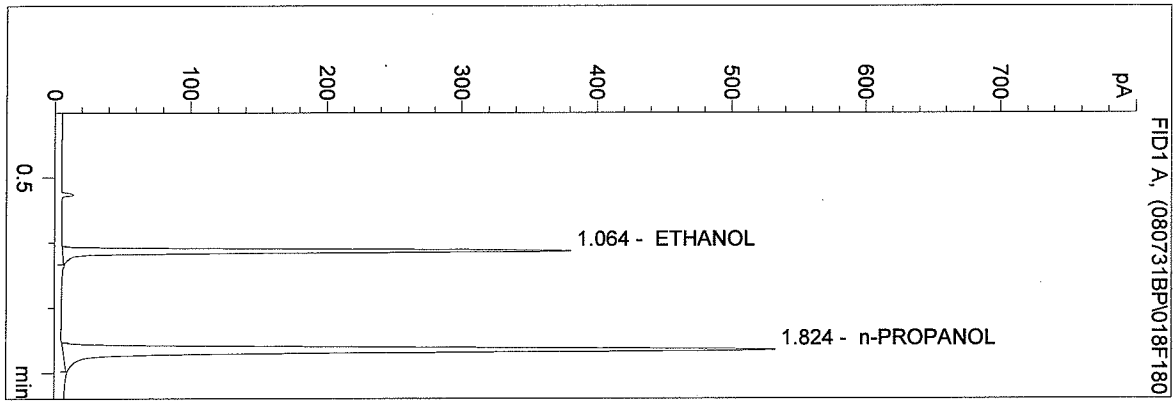
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:55:37 PM
Instrument 3
db-alc2

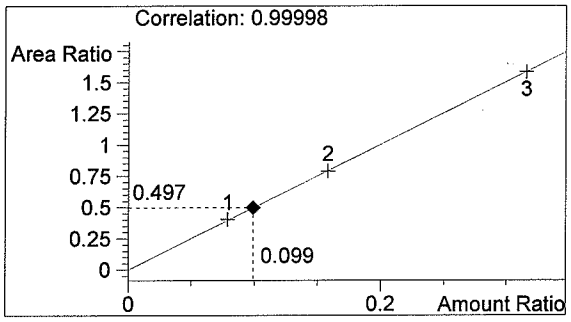
0.10 Ctrl-BP
Brianna Peterson

vial # 18

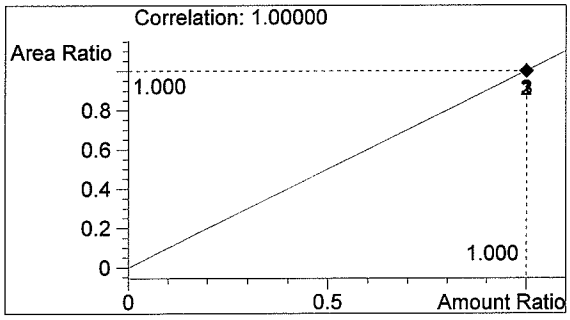


#	Compound	Area	RT
1	ETHANOL	733	1.064
2	n-PROPANOL	1475	1.824

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

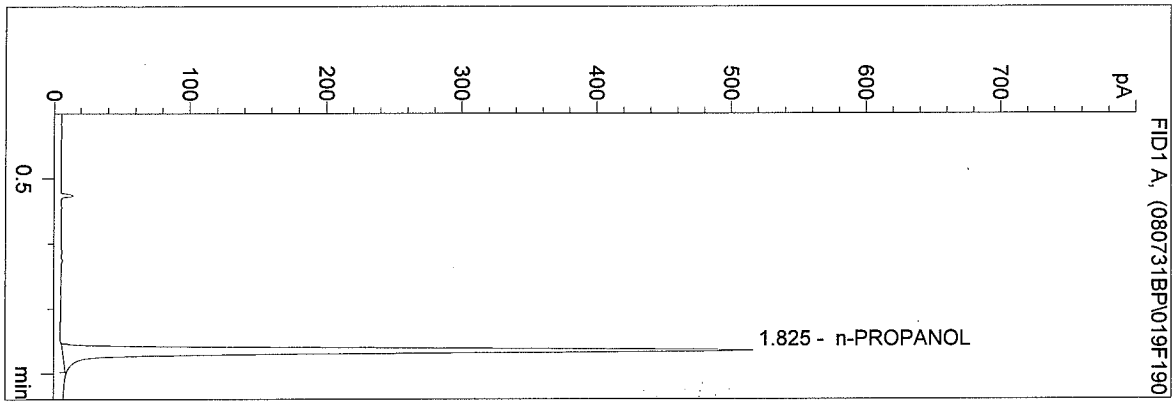
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/31/2008 1:58:44 PM
Instrument 3
db-alc2

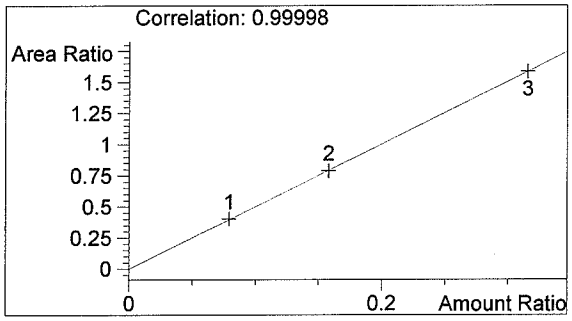
BLANK
Brianna Peterson

vial # 19

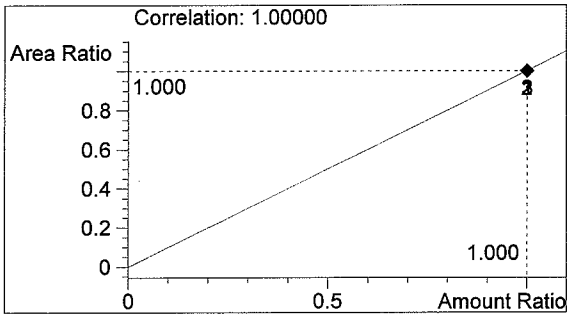


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1425	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BP

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	080801JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO3	1	Calib		
5	Vial 5	BLANK	BLDALCO3	1	Ctrl Samp		
6	Vial 6	0.04 MIX	VOL3	1	Calib		
7	Vial 7	0.08 MIX	VOL3	1	Calib		
8	Vial 8	0.02 STD	BLDALCO3	1	Sample		
9	Vial 9	0.04 CTRL JK	BLDALCO3	1	Ctrl Samp	A056758 Exp 3/2012	
10	Vial 10	0.10 CTRL JK	BLDALCO3	1	Ctrl Samp	A056938 Exp 4/2012	
11	Vial 11	0.20 CTRL JK	BLDALCO3	1	Ctrl Samp	A055525 Exp 2/2012	
12	Vial 12	BLANK	BLDALCO3	1	Sample		
13	Vial 13	QA08036-1	BLDALCO3	1	Sample		
14	Vial 14	QA08036-2	BLDALCO3	1	Sample		
15	Vial 15	QA08036-3	BLDALCO3	1	Sample		
16	Vial 16	QA08036-4	BLDALCO3	1	Sample		
17	Vial 17	QA08036-5	BLDALCO3	1	Sample		
18	Vial 18	0.10 CTRL JK	BLDALCO3	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO3	1	Sample		
20	Vial 20	QA08037-1	BLDALCO3	1	Sample		
21	Vial 21	QA08037-2	BLDALCO3	1	Sample		
22	Vial 22	QA08037-3	BLDALCO3	1	Sample		
23	Vial 23	QA08037-4	BLDALCO3	1	Sample		
24	Vial 24	QA08037-5	BLDALCO3	1	Sample		
25	Vial 25	0.10 CTRL JK	BLDALCO3	1	Ctrl Samp		
26	Vial 26	BLANK	BLDALCO3	1	Sample		
27	Vial 27	QA08038-1	BLDALCO3	1	Sample		
28	Vial 28	QA08038-2	BLDALCO3	1	Sample		
29	Vial 29	QA08038-3	BLDALCO3	1	Sample		
30	Vial 30	QA08038-4	BLDALCO3	1	Sample		
31	Vial 31	QA08038-5	BLDALCO3	1	Sample		
32	Vial 32	0.10 CTRL JK	BLDALCO3	1	Ctrl Samp		
33	Vial 33	BLANK	BLDALCO3	1	Sample		
34	Vial 34	QA08039-1	BLDALCO3	1	Sample		
35	Vial 35	QA08039-2	BLDALCO3	1	Sample		
36	Vial 36	QA08039-3	BLDALCO3	1	Sample		
37	Vial 37	QA08039-4	BLDALCO3	1	Sample		

Sequence: C:\HPCHEM\1\SEQUENCE\JKQARUN3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
38	Vial 38	QA08039-5	BLDALCO3	1	Sample		
39	Vial 39	0.10 CTRL JK	BLDALCO3	1	Ctrl Samp		
40	Vial 40	BLANK	BLDALCO3	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	BLDALCO3	1	Replace	Replace	
3	Vial 3	0.158 CAL	BLDALCO3	2	Replace	Average	
4	Vial 4	0.316 CAL	BLDALCO3	3	Replace	Average	
6	Vial 6	0.04 MIX	VOL3	1	Replace	Replace	
7	Vial 7	0.08 MIX	VOL3	2	Replace	Average	

Sequence Table (Back Injector):

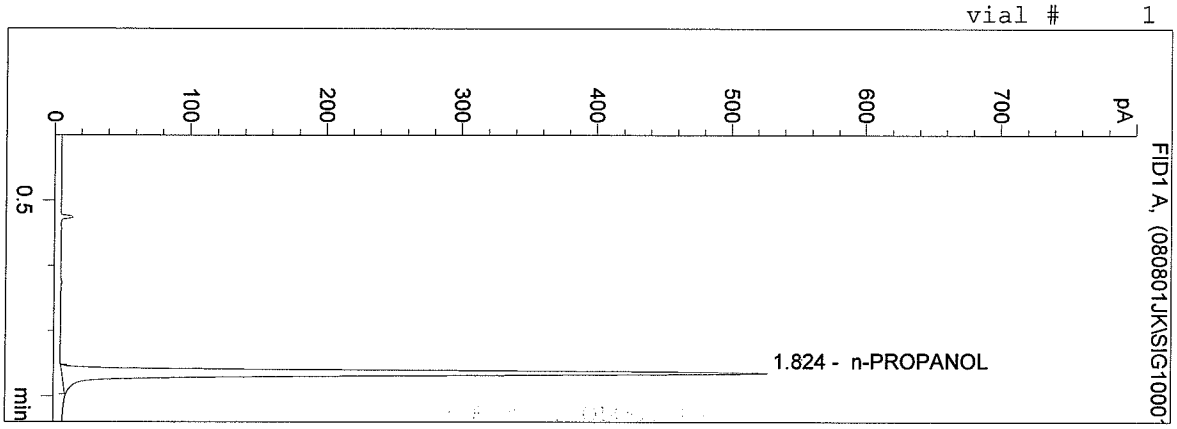
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

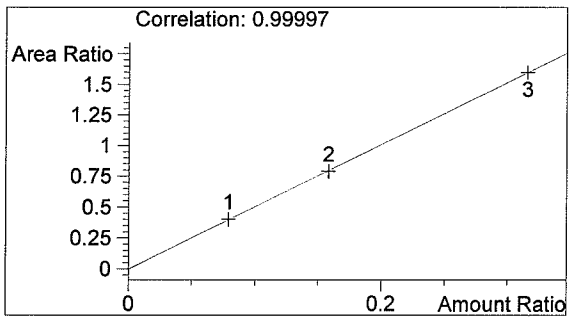
C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 1:56:31 PM
Instrument 3
db-alc2

BLANK
Justin Knoy

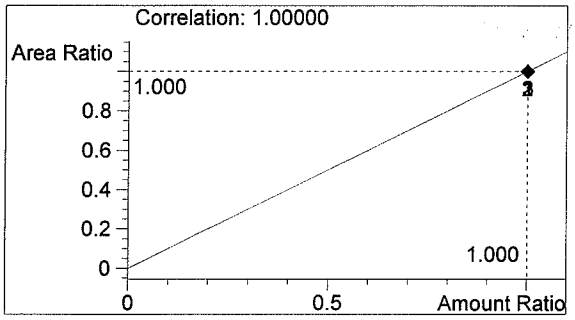
vial # 1



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1461	1.824
Totals:			



ETHANOL 0.000 g/100ml



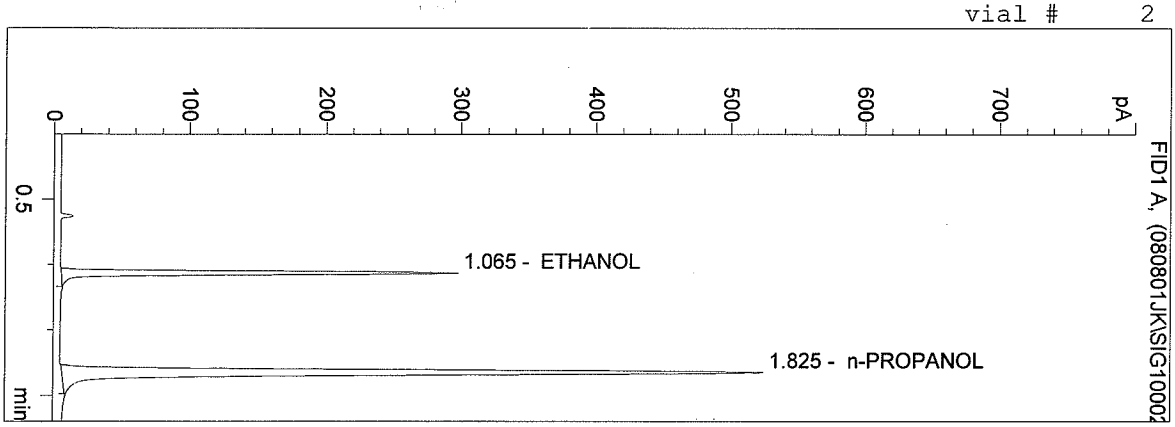
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

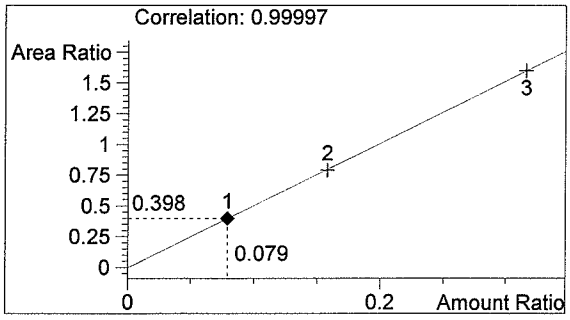
C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 1:59:38 PM
Instrument 3
db-alc2

0.079 CAL
Justin Knoy

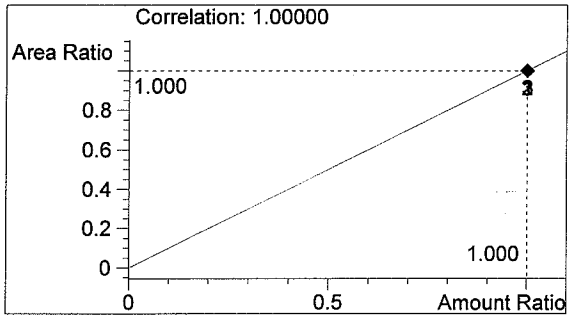
vial # 2



#	Compound	Area	RT
1	ETHANOL	577	1.065
2	n-PROPANOL	1452	1.825
Totals:			



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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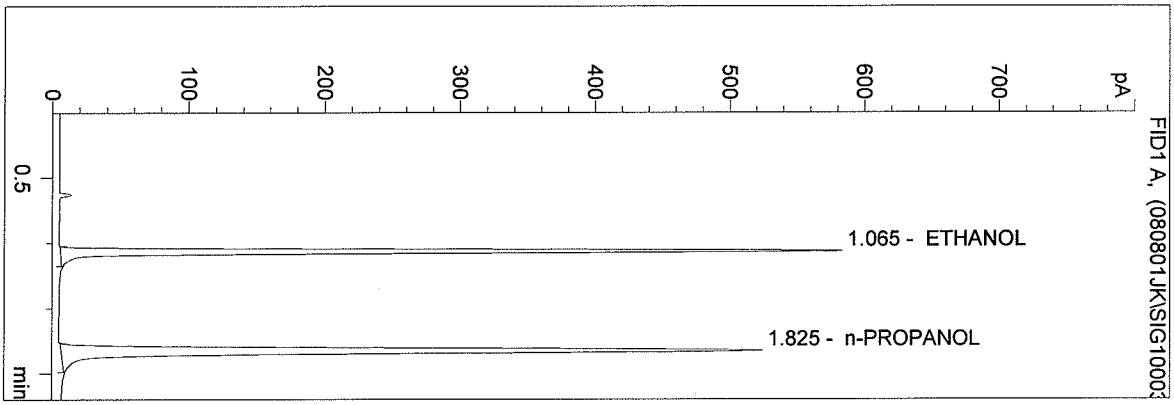
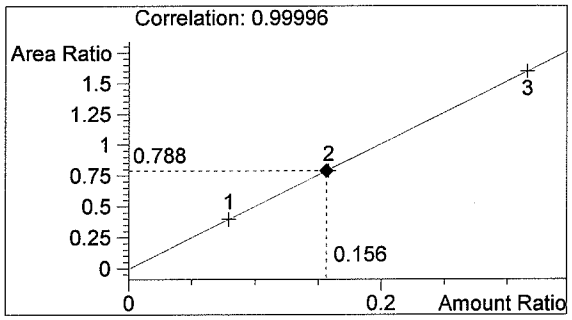
8/1/2008 2:02:45 PM
Instrument 3
db-alc2

0.158 CAL
Justin Knoy

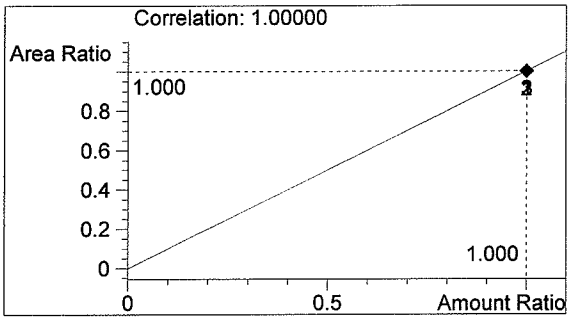
vial # 3



#	Compound	Area	RT
1	ETHANOL	1145	1.065
2	n-PROPANOL	1454	1.825
Totals:			



ETHANOL 0.156 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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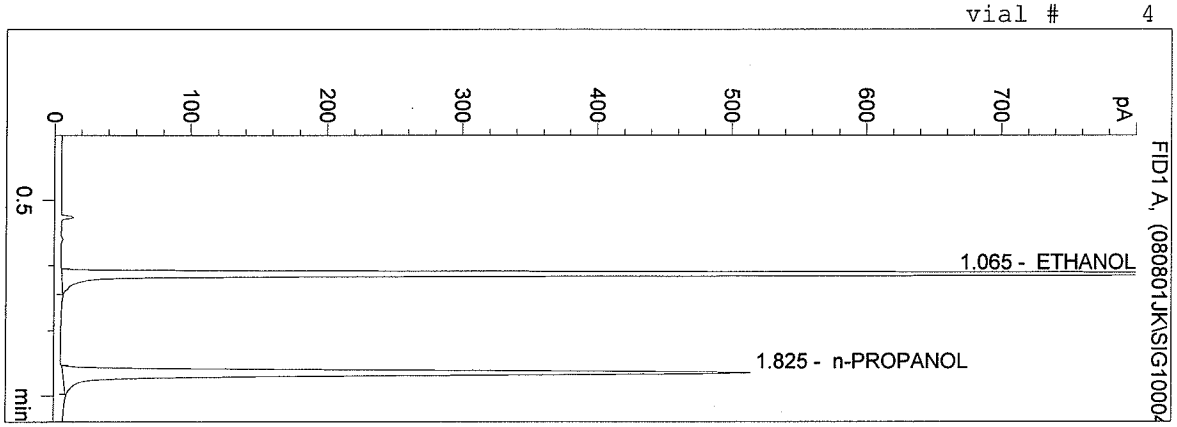
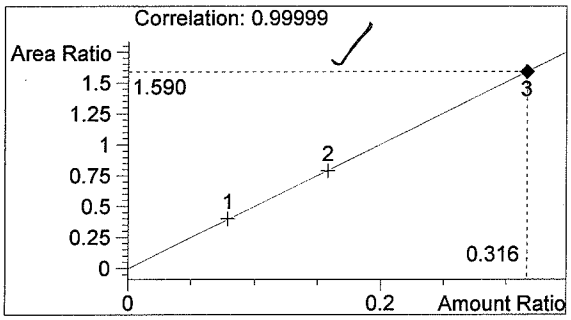
8/1/2008 2:05:52 PM
Instrument 3
db-alc2

0.316 CAL
Justin Knoy

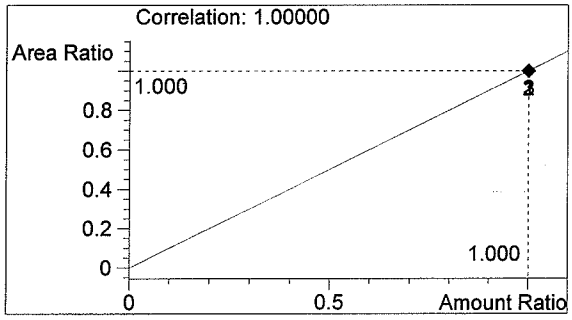
vial # 4



#	Compound	Area	RT
1	ETHANOL	2265	1.065
2	n-PROPANOL	1425	1.825
Totals:			



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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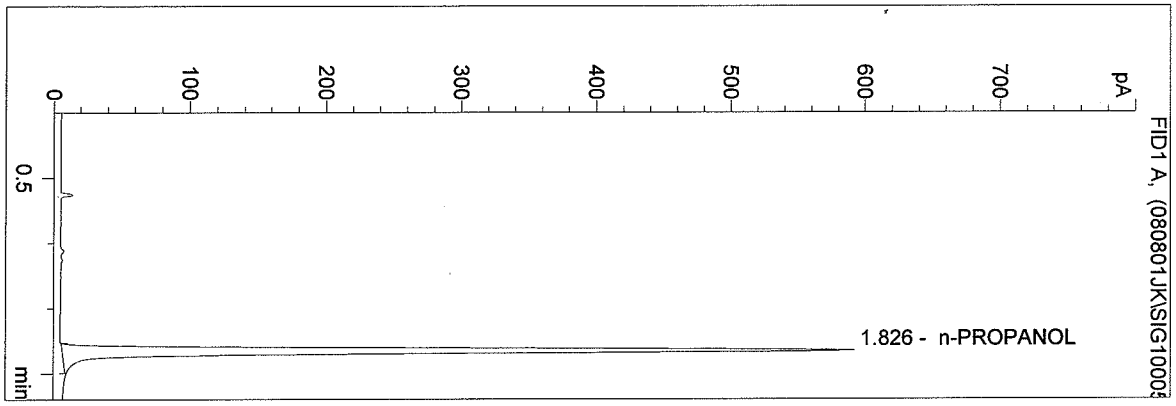
8/1/2008 2:08:59 PM
Instrument 3
db-alc2

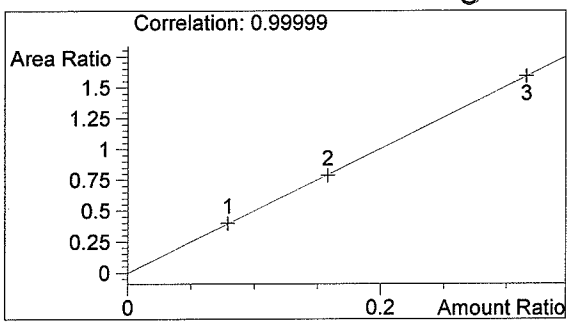
BLANK
Justin Knoy

vial # 5

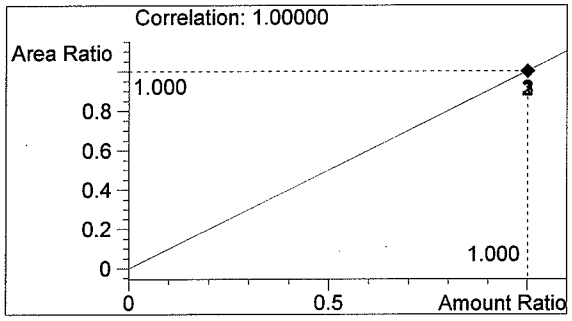


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1644	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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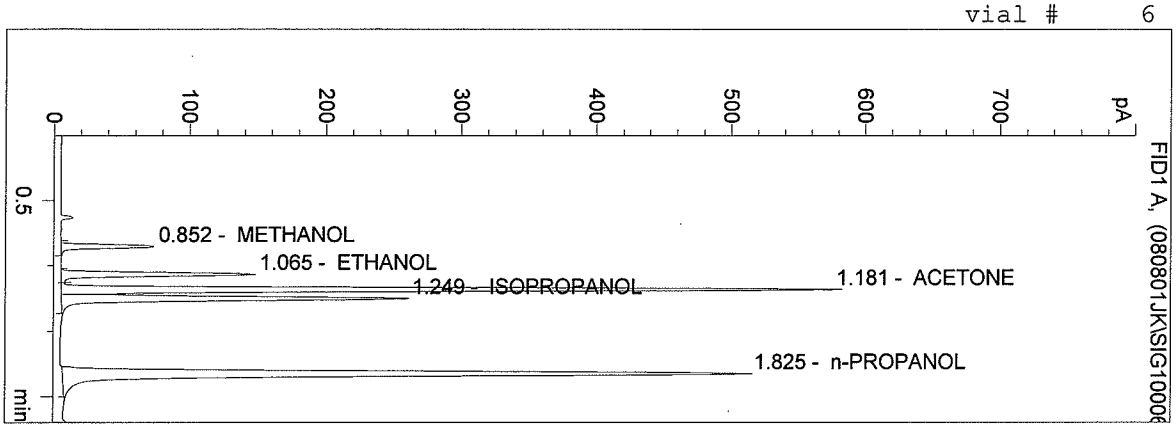
8/1/2008 2:12:08 PM
Instrument 3
db-alc2

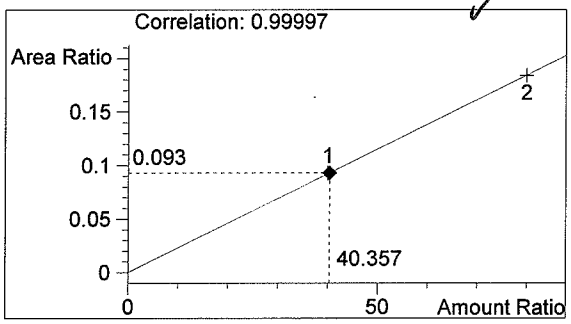
0.04 MIX
Justin Knoy

vial # 6

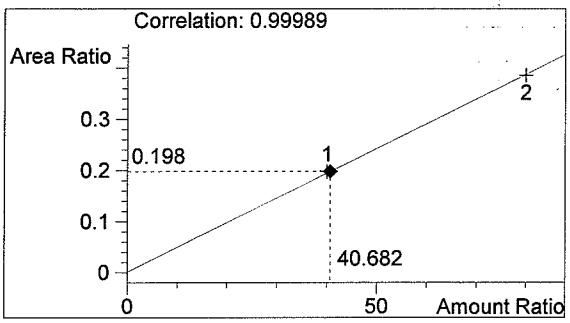


#	Compound	Area	RT
1	METHANOL	133	0.852
2	ETHANOL	283	1.065
3	ACETONE	1114	1.181
4	ISOPROPANOL	575	1.249
5	n-PROPANOL	1432	1.825

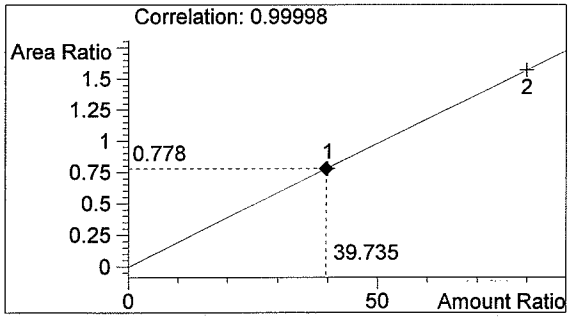
Totals:



METHANOL 40.357 mg/dL



ETHANOL 40.682 mg/dL



ACETONE 39.735 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

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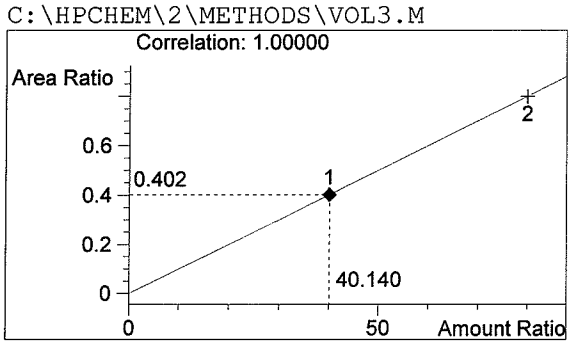
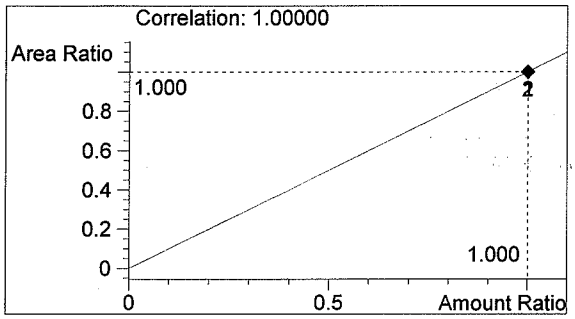


ISOPROPANOL 40.140 mg/dL



n-PROPANOL 1.000 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

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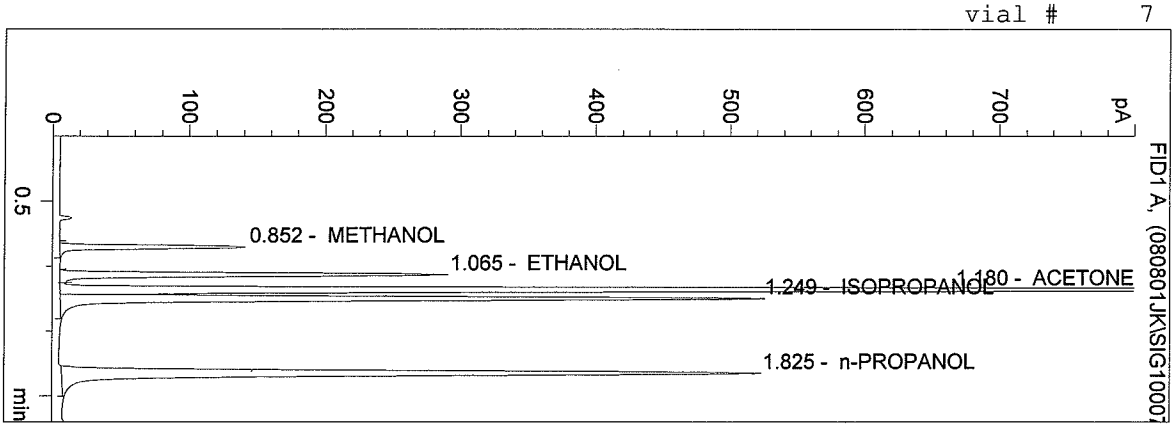
8/1/2008 2:15:16 PM
Instrument 3
db-alc2

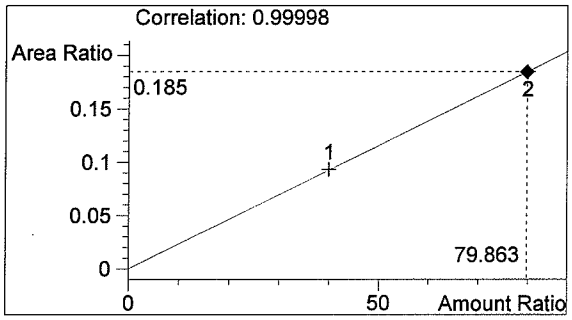
0.08 MIX
Justin Knoy

vial # 7

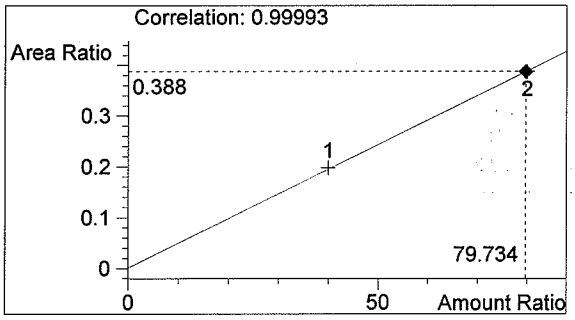


#	Compound	Area	RT
1	METHANOL	268	0.852
2	ETHANOL	563	1.065
3	ACETONE	2271	1.180
4	ISOPROPANOL	1184	1.249
5	n-PROPANOL	1451	1.825

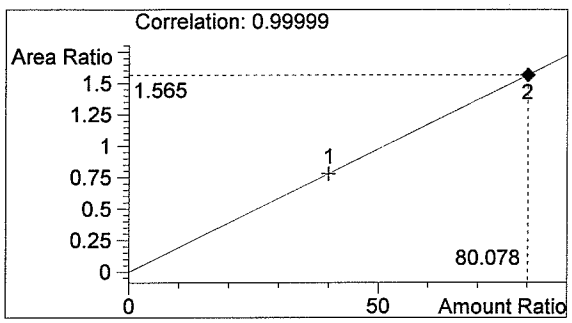
Totals:



METHANOL 79.863 mg/dL



ETHANOL 79.734 mg/dL



ACETONE 80.078 mg/dL

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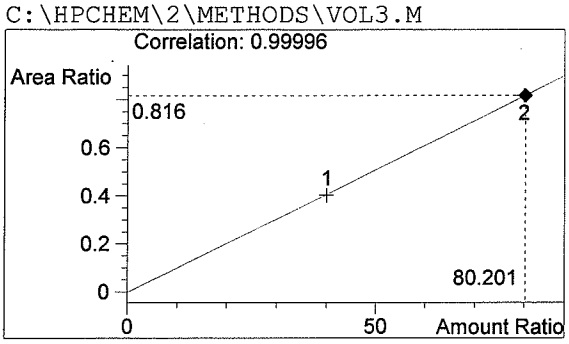
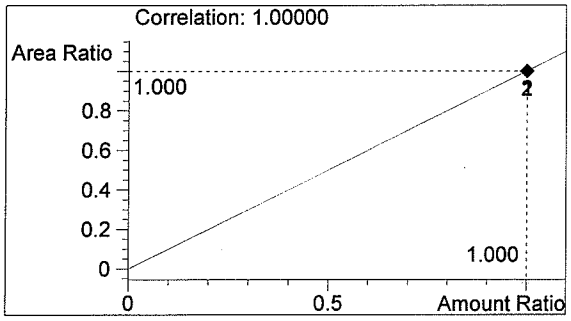


ISOPROPANOL 80.201 mg/dL



n-PROPANOL 1.000 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

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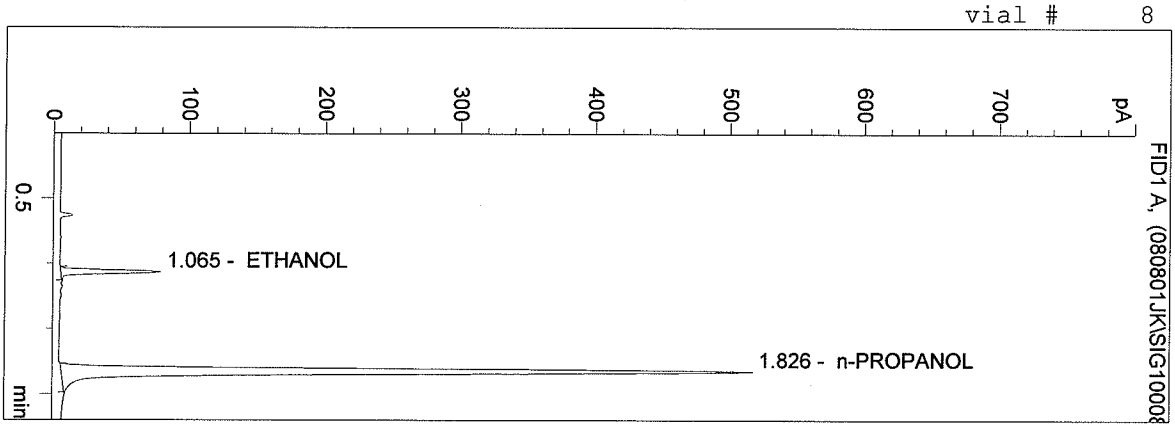
8/1/2008 2:18:26 PM
Instrument 3
db-alc2

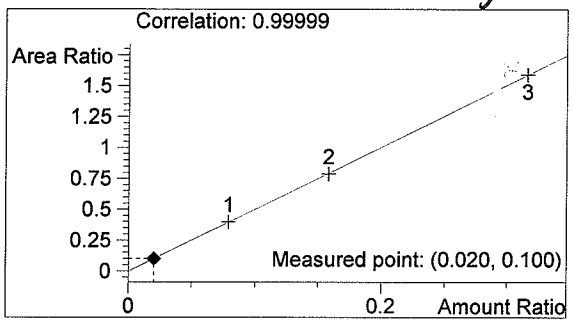
0.02 STD
Justin Knoy

vial # 8

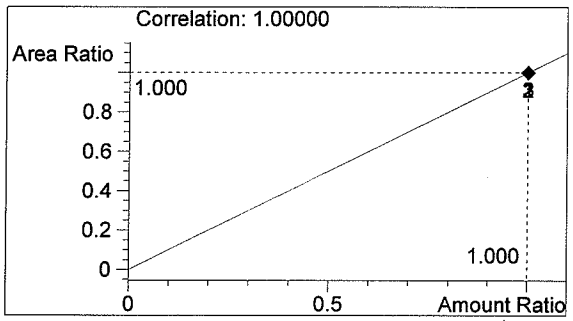


#	Compound	Area	RT
1	ETHANOL	143	1.065
2	n-PROPANOL	1434	1.826

Totals:



ETHANOL 0.020 g/100ml



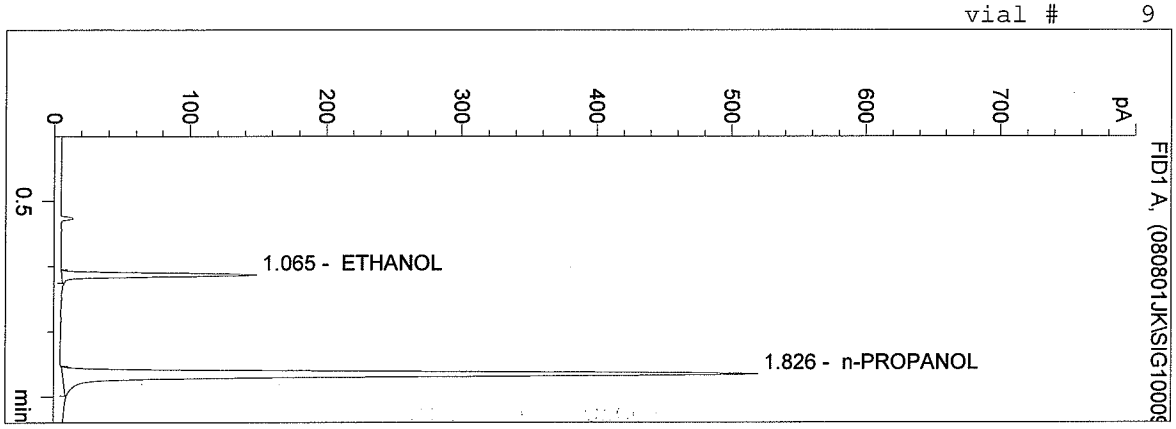
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 2:21:34 PM
Instrument 3
db-alc2

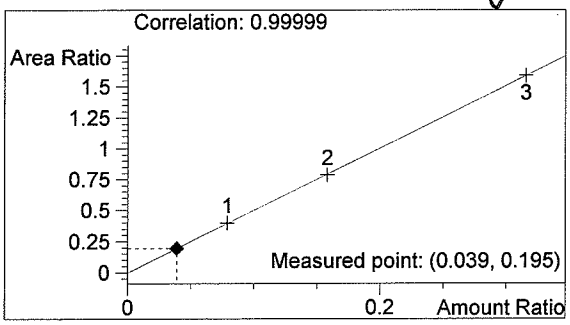
0.04 CTRL JK
Justin Knoy

vial # 9

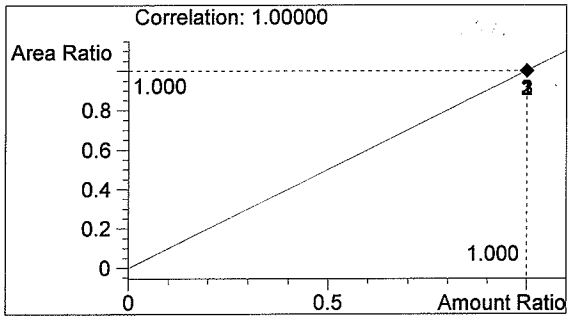


#	Compound	Area	RT
1	ETHANOL	282	1.065
2	n-PROPANOL	1447	1.826

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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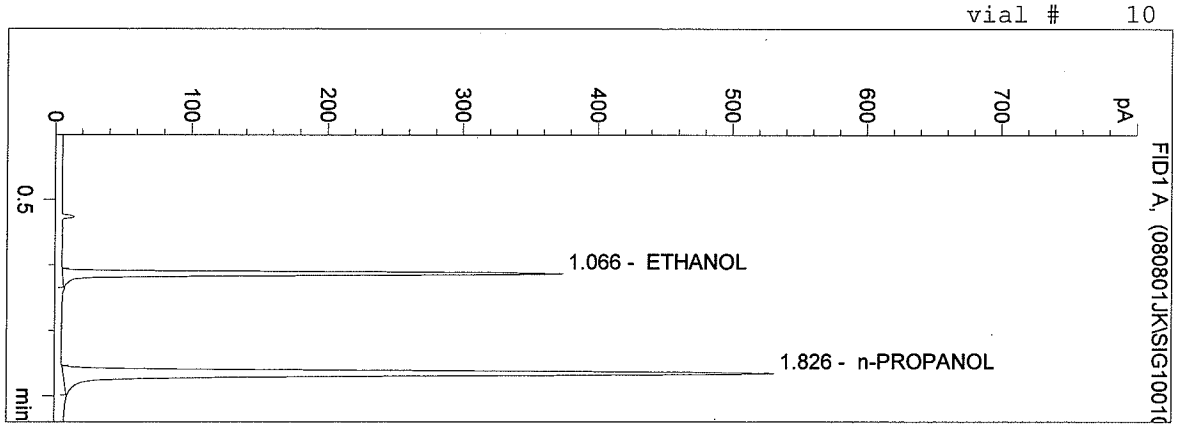
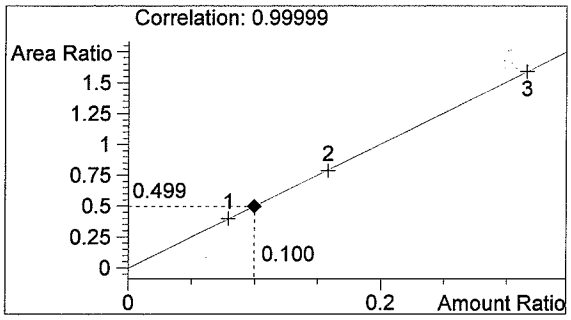
8/1/2008 2:24:41 PM
Instrument 3
db-alc2

0.10 CTRL JK
Justin Knoy

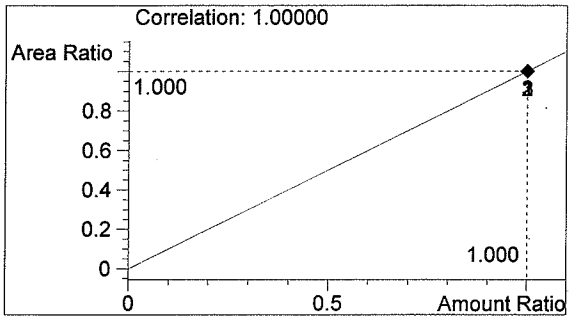
vial # 10



#	Compound	Area	RT
1	ETHANOL	736	1.066
2	n-PROPANOL	1474	1.826
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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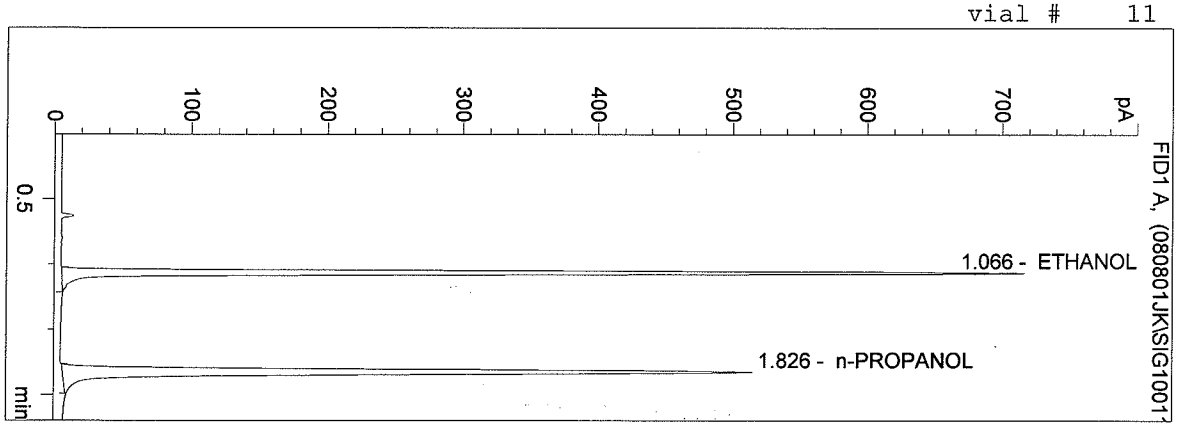
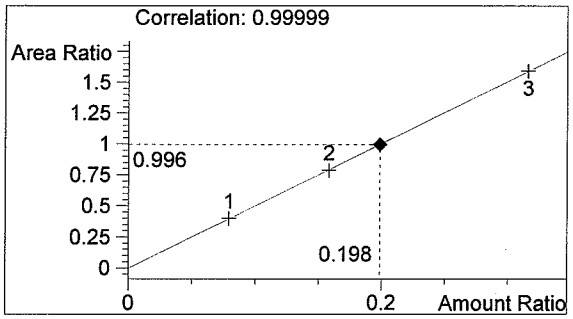
8/1/2008 2:27:48 PM
Instrument 3
db-alc2

0.20 CTRL JK
Justin Knoy

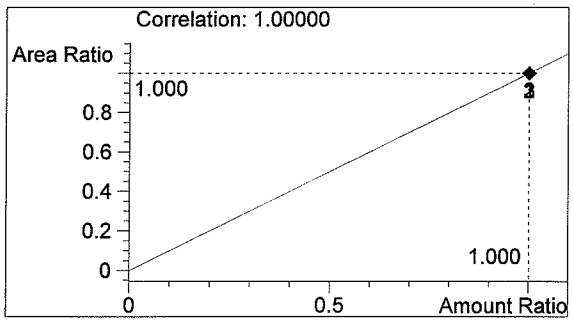
vial # 11



#	Compound	Area	RT
1	ETHANOL	1423	1.066
2	n-PROPANOL	1429	1.826
Totals:			



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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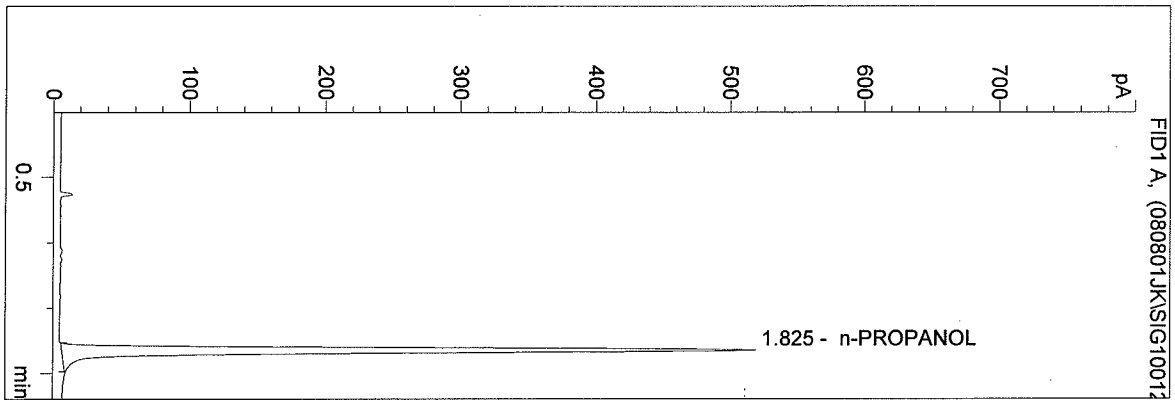
Instrument 3
db-alc2

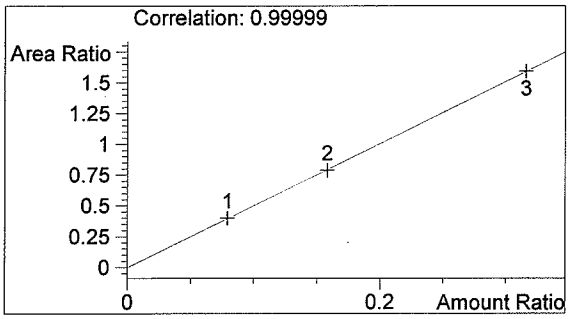
BLANK
Justin Knoy

vial # 12

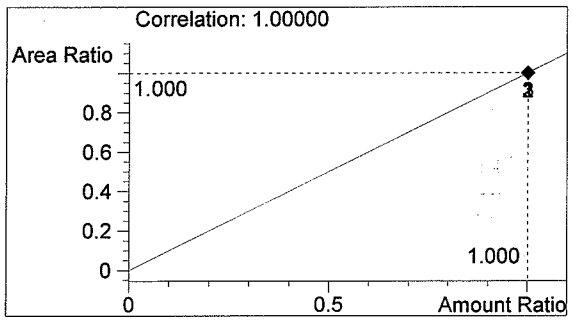


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1443	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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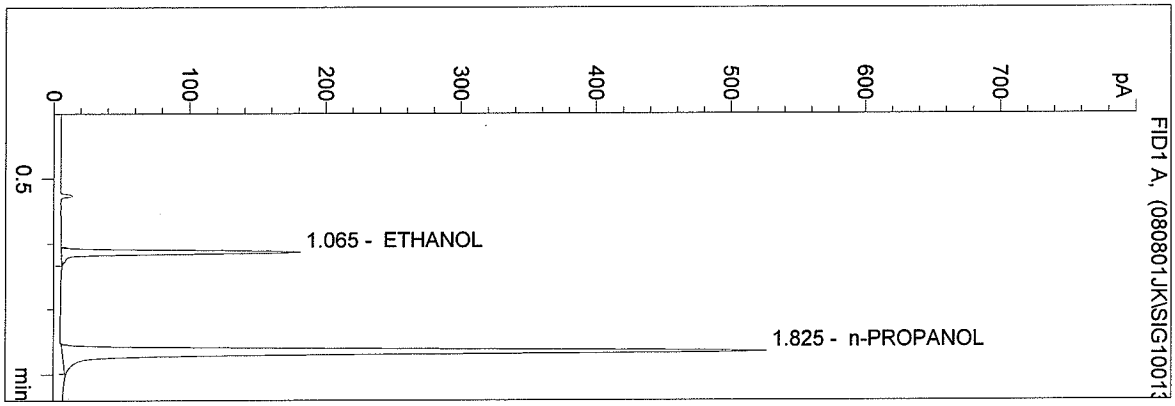
8/1/2008 2:34:02 PM
Instrument 3
db-alc2

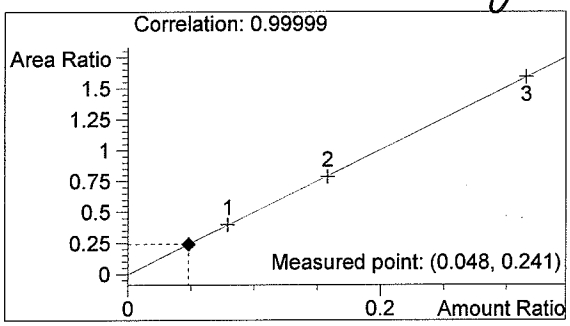
QA08036-1
Justin Knoy

vial # 13

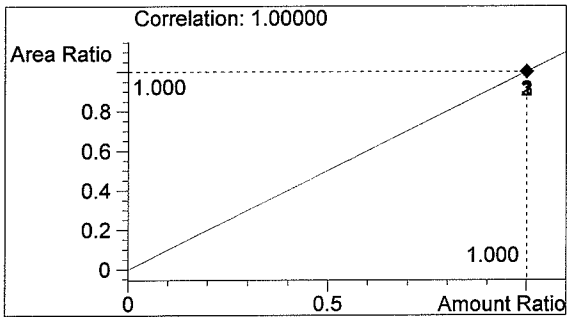


#	Compound	Area	RT
1	ETHANOL	353	1.065
2	n-PROPANOL	1462	1.825

Totals:



ETHANOL 0.048 g/100ml



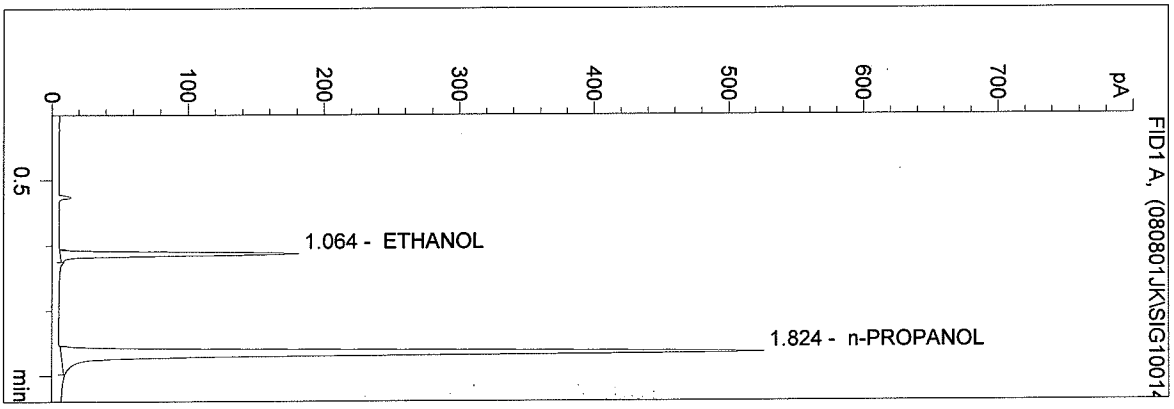
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

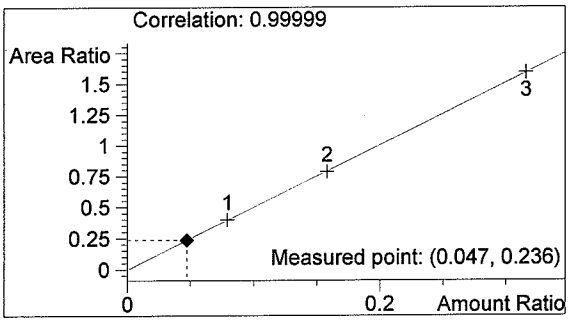
C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 2:37:09 PM
Instrument 3
db-alc2

QA08036-2
Justin Knoy

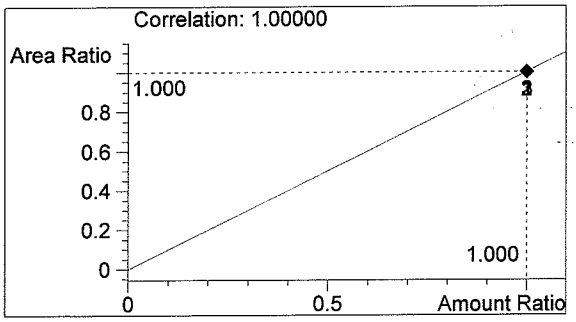
vial # 14



#	Compound	Area	RT
1	ETHANOL	343	1.064
2	n-PROPANOL	1455	1.824
Totals:			



ETHANOL 0.047 g/100ml



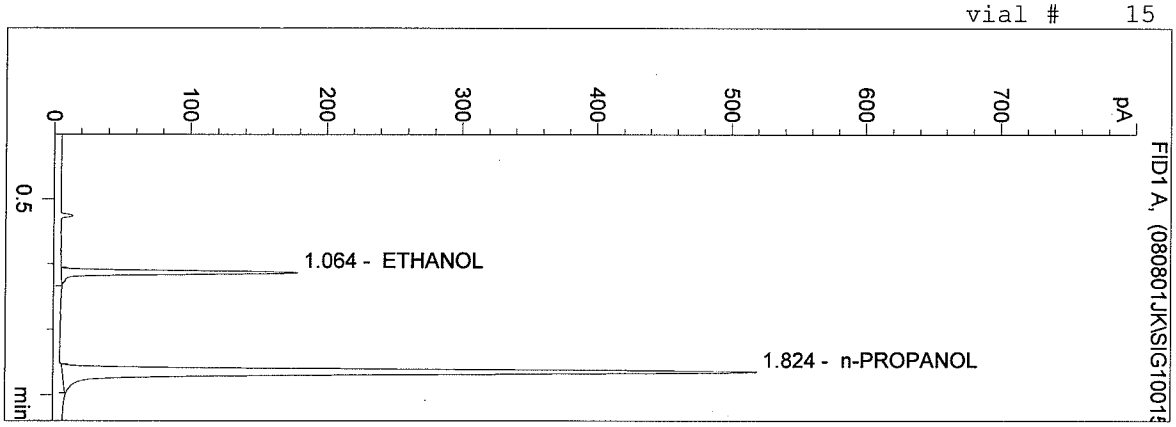
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

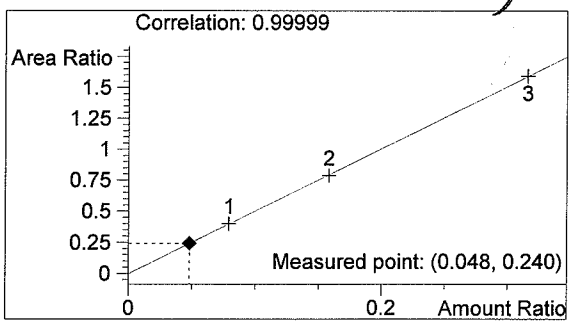
C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 2:40:16 PM
Instrument 3
db-alc2

QA08036-3
Justin Knoy

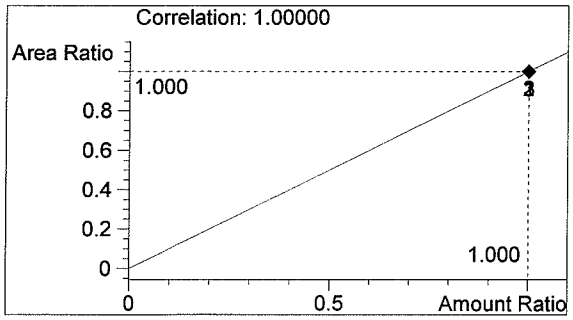
vial # 15



#	Compound	Area	RT
1	ETHANOL	345	1.064
2	n-PROPANOL	1440	1.824
Totals:			



ETHANOL 0.048 g/100ml



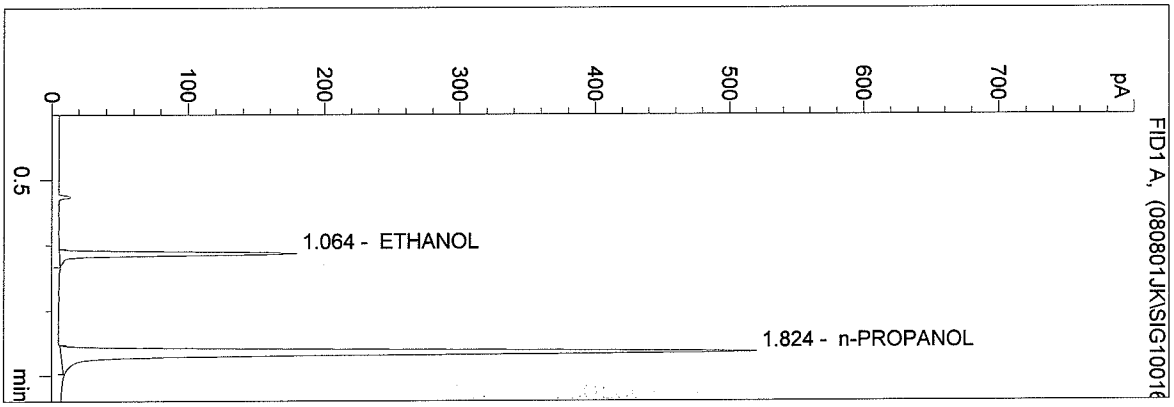
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

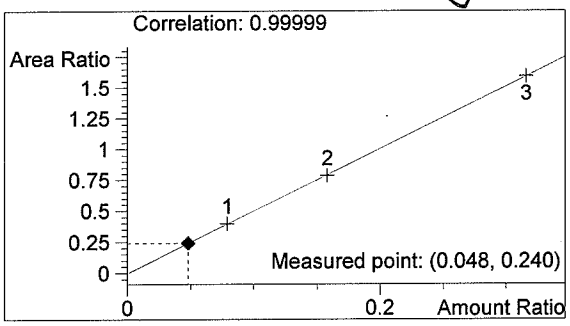
C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 2:43:23 PM
Instrument 3
db-alc2

QA08036-4
Justin Knoy

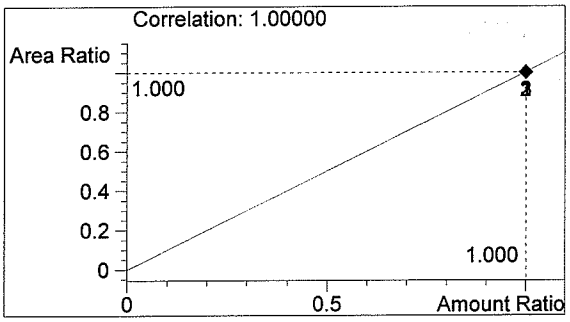
vial # 16



#	Compound	Area	RT
1	ETHANOL	346	1.064
2	n-PROPANOL	1443	1.824
Totals:			



ETHANOL 0.048 g/100ml



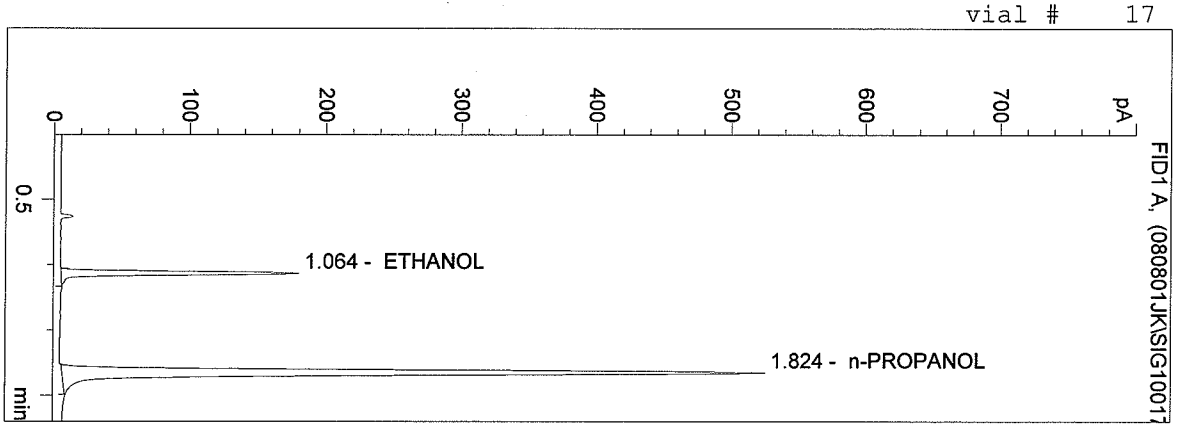
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 2:46:30 PM
Instrument 3
db-alc2

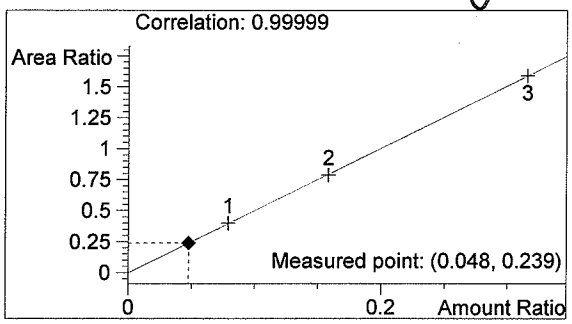
QA08036-5
Justin Knoy

vial # 17

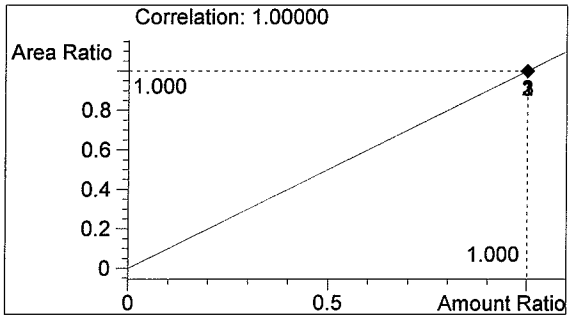


#	Compound	Area	RT
1	ETHANOL	349	1.064
2	n-PROPANOL	1457	1.824

Totals:



ETHANOL 0.048 g/100ml



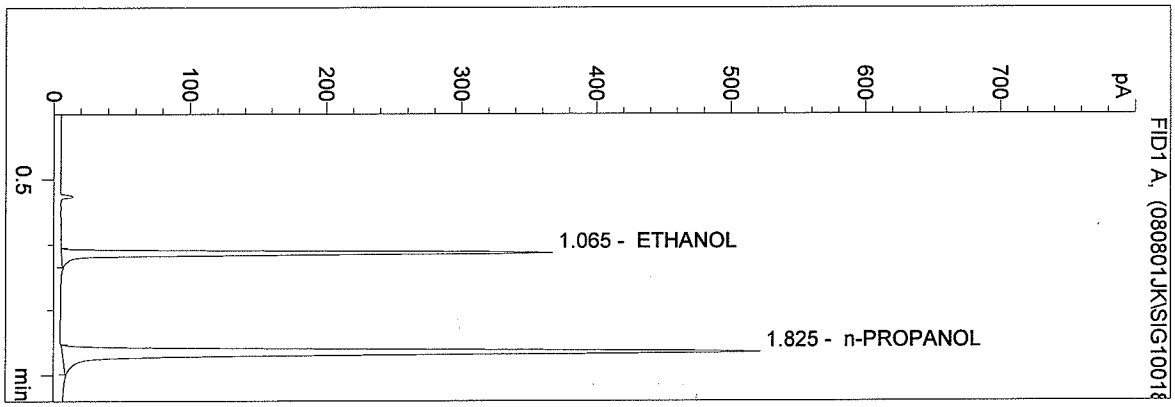
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 2:49:37 PM
Instrument 3
db-alc2

0.10 CTRL JK
Justin Knoy

vial # 18



#	Compound	Area	RT
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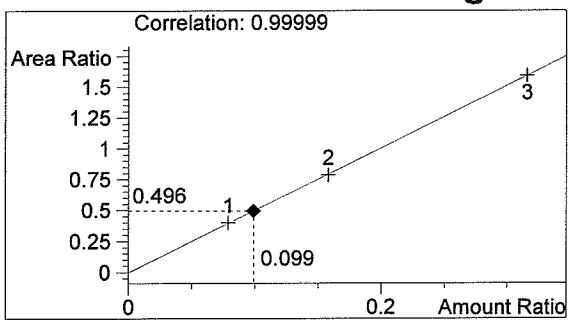
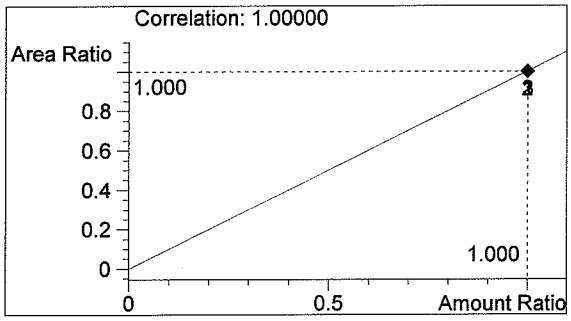
2	n-PROPANOL	1450	1.825

Totals:



ETHANOL 0.099 g/100ml



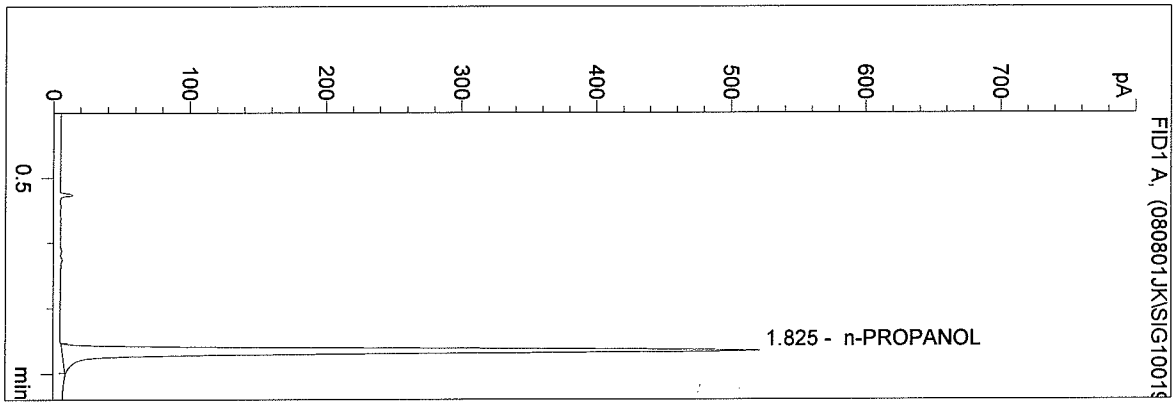
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/1/2008 2:52:44 PM
Instrument 3
db-alc2

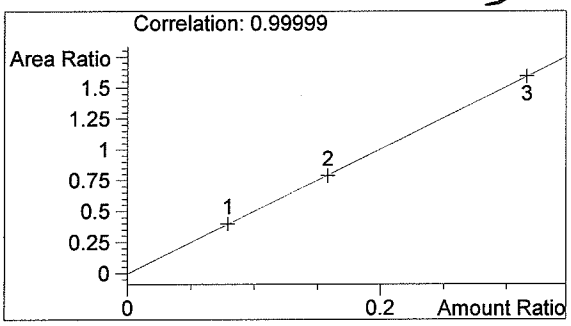
BLANK
Justin Knoy

vial # 19

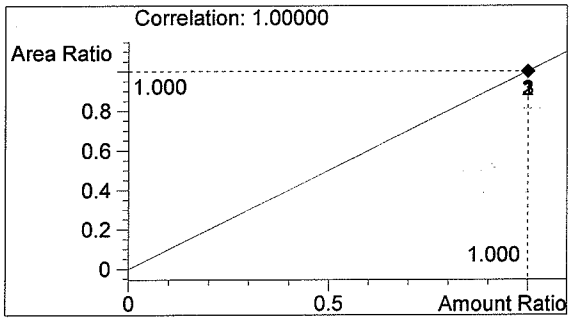


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1447	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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

Sequence Parameters:

Operator:	Christie Mitchell
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	080806CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO3	1	Calib		
5	Vial 5	Blank-CM	BLDALCO3	1	Ctrl Samp		
6	Vial 6	0.04 Mix	VOL	1	Calib		
7	Vial 7	0.08 Mix	VOL	1	Calib		
8	Vial 8	0.02 Std	BLDALCO3	1	Sample		
9	Vial 9	0.04 Ctrl - CM	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.10 Ctrl - CM	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.20 Ctrl - CM	BLDALCO3	1	Ctrl Samp		
12	Vial 12	Blank	BLDALCO3	1	Sample		
13	Vial 13	QA08036-1	BLDALCO3	1	Sample		
14	Vial 14	QA08036-2	BLDALCO3	1	Sample		
15	Vial 15	QA08036-3	BLDALCO3	1	Sample		
16	Vial 16	QA08036-4	BLDALCO3	1	Sample		
17	Vial 17	QA08036-5	BLDALCO3	1	Sample		
18	Vial 18	0.10 Ctrl-CM	BLDALCO3	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO3	1	Sample		
20	Vial 20	QA08037-1	BLDALCO3	1	Sample		
21	Vial 21	QA08037-2	BLDALCO3	1	Sample		
22	Vial 22	QA08037-3	BLDALCO3	1	Sample		
23	Vial 23	QA08037-4	BLDALCO3	1	Sample		
24	Vial 24	QA08037-5	BLDALCO3	1	Sample		
25	Vial 25	0.10 Ctrl-CM	BLDALCO3	1	Ctrl Samp		
26	Vial 26	BLANK	BLDALCO3	1	Sample		
27	Vial 27	QA08038-1	BLDALCO3	1	Sample		
28	Vial 28	QA08038-2	BLDALCO3	1	Sample		
29	Vial 29	QA08038-3	BLDALCO3	1	Sample		
30	Vial 30	QA08038-4	BLDALCO3	1	Sample		
31	Vial 31	QA08038-5	BLDALCO3	1	Sample		
32	Vial 32	0.10 Ctrl-CM	BLDALCO3	1	Ctrl Samp		
33	Vial 33	BLANK	BLDALCO3	1	Sample		
34	Vial 34	QA08039-1	BLDALCO3	1	Sample		
35	Vial 35	QA08039-2	BLDALCO3	1	Sample		
36	Vial 36	QA08039-3	BLDALCO3	1	Sample		
37	Vial 37	QA08039-4	BLDALCO3	1	Sample		
38	Vial 38	QA08039-5	BLDALCO3	1	Sample		
39	Vial 39	0.10 Ctrl-CM	BLDALCO3	1	Ctrl Samp		
40	Vial 40	BLANK	BLDALCO3	1	Sample		

	Lot#	Exp
0.04 Cntl	A056758	3/2012
0.10 Cntl	A056938	4/2012
0.20 Cntl	A055525	2/2012

CM

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

Sequence Table (Back Injector):

No entries - empty table!

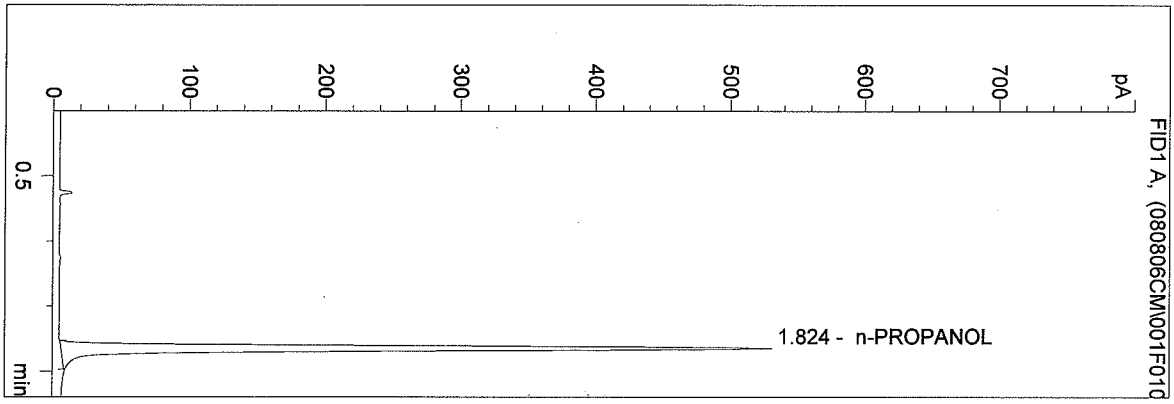
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/6/2008 9:33:37 AM
Instrument 3
db-alc2

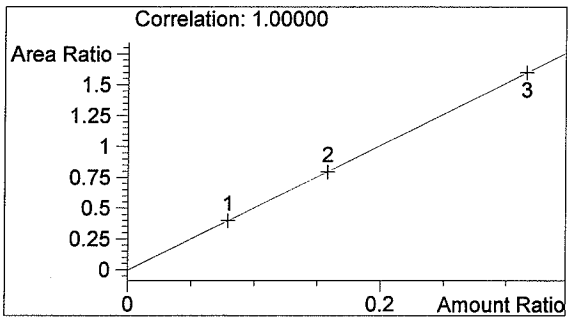
BLANK
Christie Mitchell

vial # 1

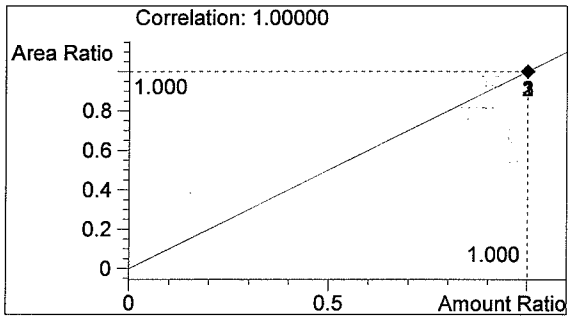


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1469	1.824

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

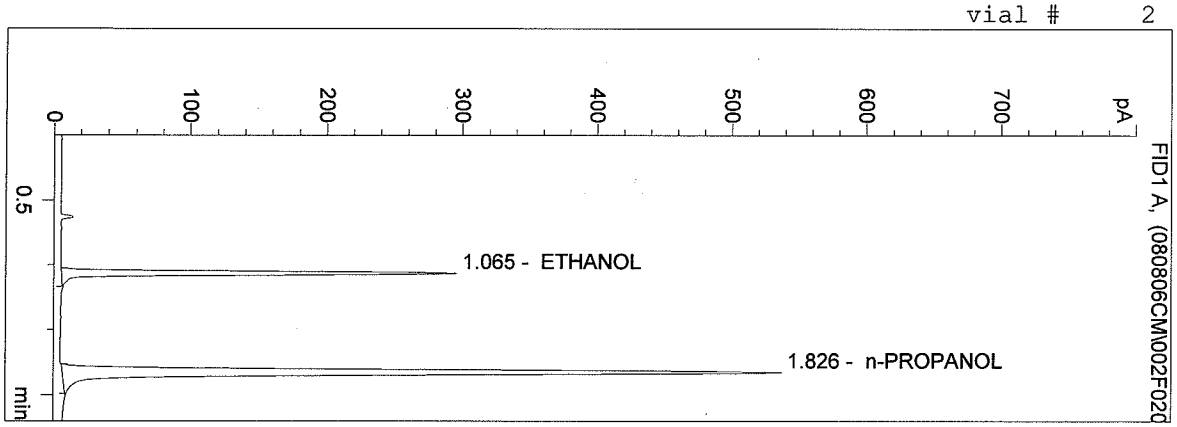
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/6/2008 9:36:44 AM
Instrument 3
db-alc2

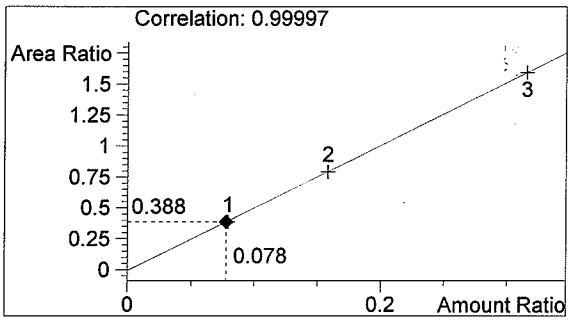
0.079 CAL
Christie Mitchell

vial # 2

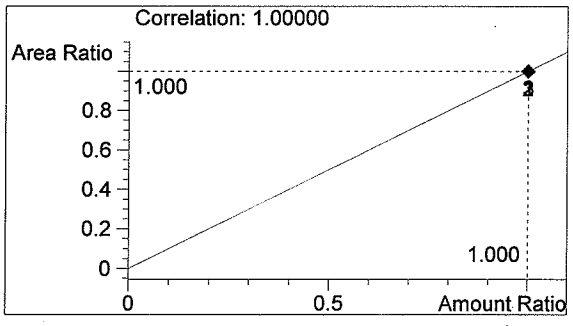


#	Compound	Area	RT
1	ETHANOL	580	1.065
2	n-PROPANOL	1496	1.826

Totals:



ETHANOL 0.078 g/100ml



n-PROPANOL 1.000 g/100ml

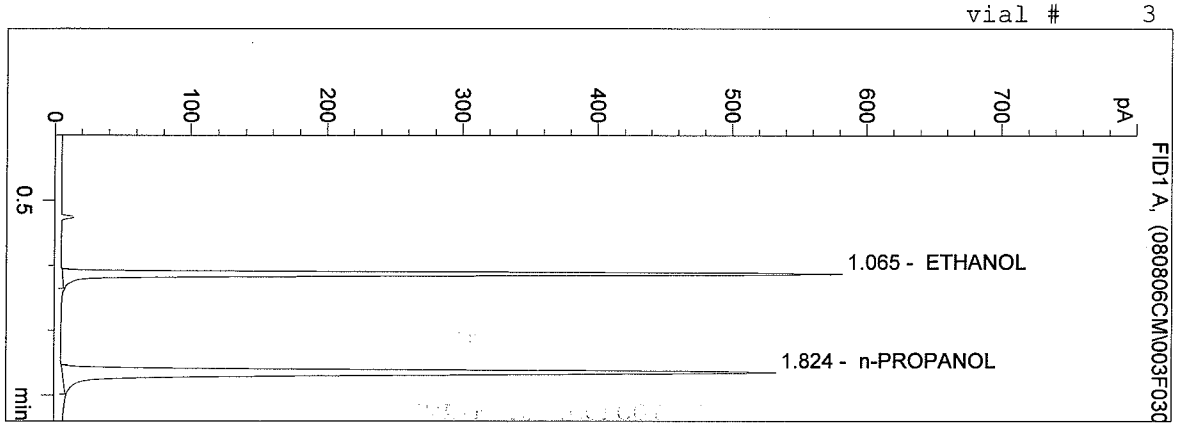
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/6/2008 9:39:51 AM
Instrument 3
db-alc2

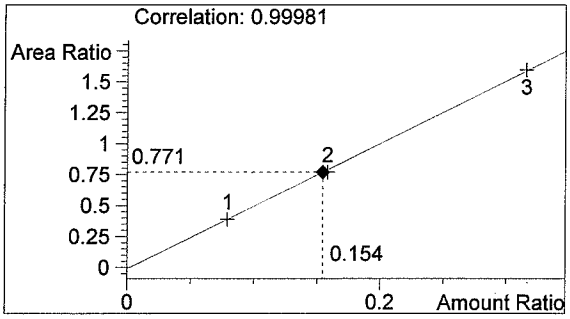
0.158 CAL
Christie Mitchell

vial # 3

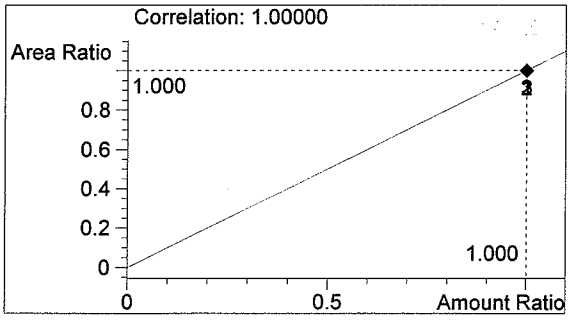


#	Compound	Area	RT
1	ETHANOL	1143	1.065
2	n-PROPANOL	1483	1.824

Totals:



ETHANOL 0.154 g/100ml



n-PROPANOL 1.000 g/100ml

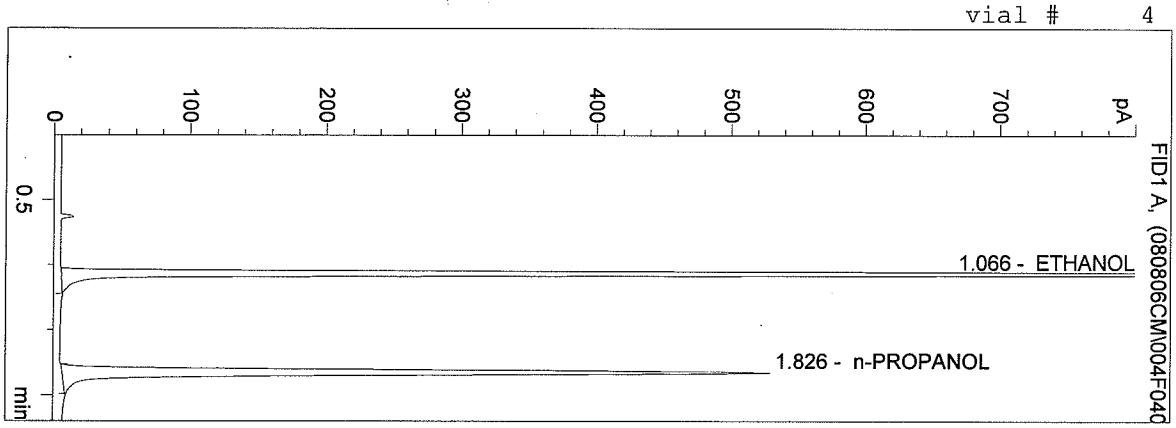
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/6/2008 9:42:58 AM
Instrument 3
db-alc2

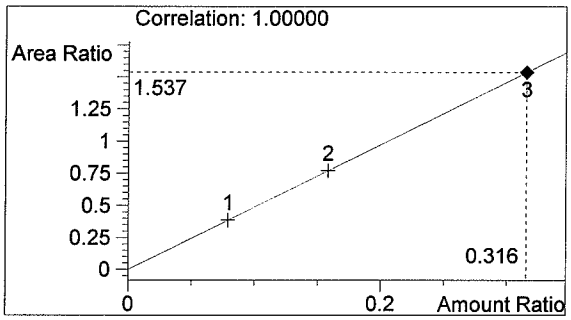
0.316 CAL
Christie Mitchell

vial # 4

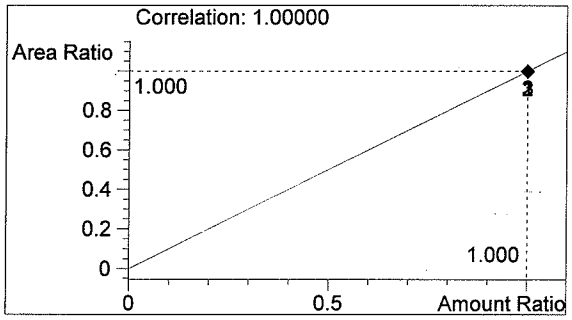


#	Compound	Area	RT
1	ETHANOL	2255	1.066
2	n-PROPANOL	1468	1.826

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

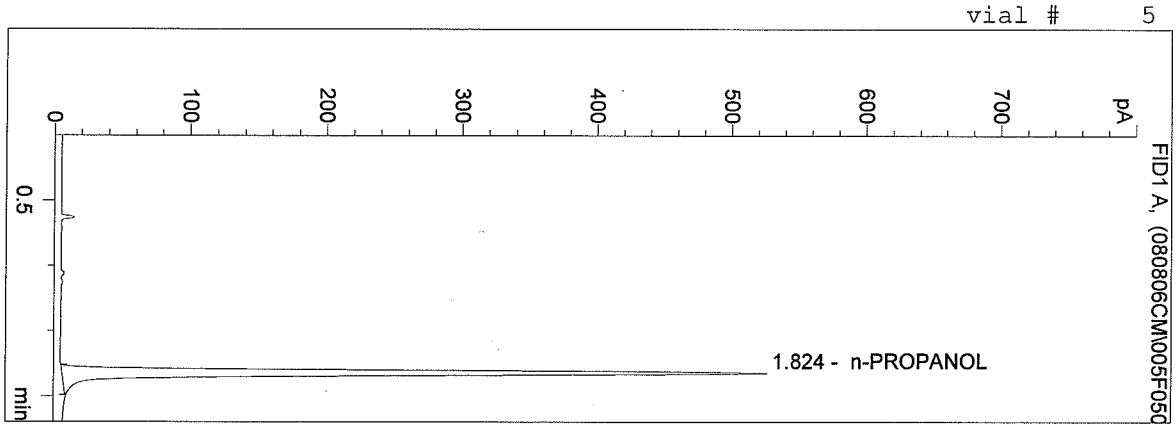
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/6/2008 9:46:05 AM
Instrument 3
db-alc2

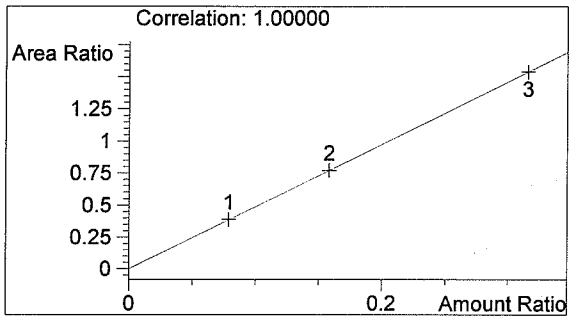
Blank-CM
Christie Mitchell

vial # 5

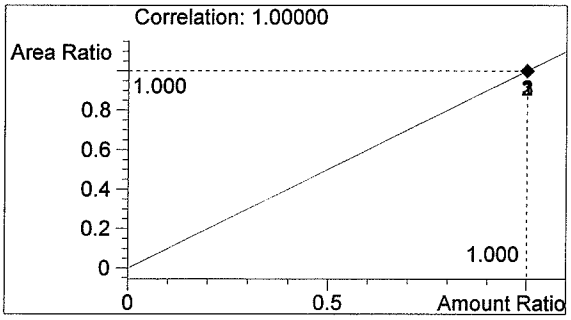


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1468	1.824

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

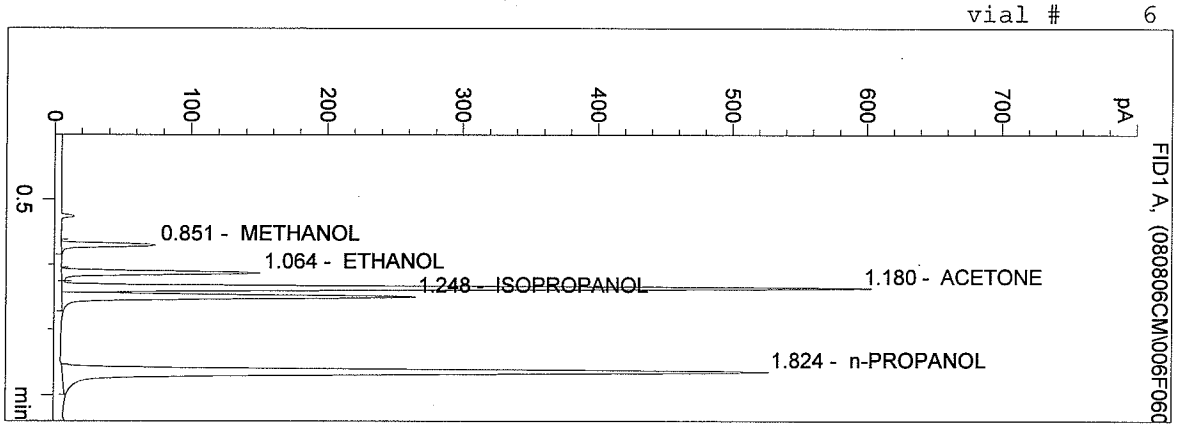
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
8/6/2008 9:49:16 AM
Instrument 3
db-alc2

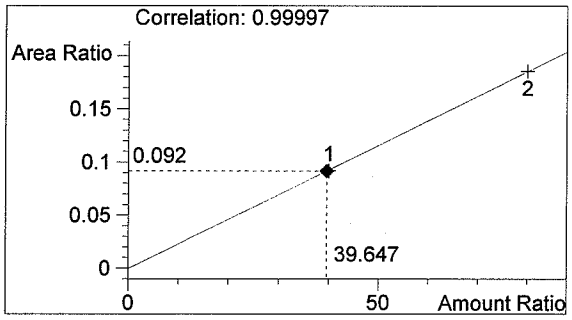
0.04 Mix
Christie Mitchell

vial # 6

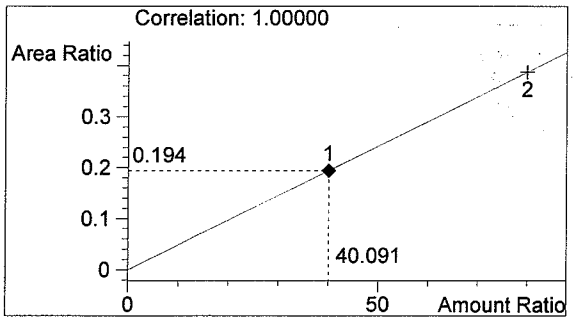


#	Compound	Area	RT
1	METHANOL	134	0.851
2	ETHANOL	285	1.064
3	ACETONE	1146	1.180
4	ISOPROPANOL	583	1.248
5	n-PROPANOL	1467	1.824

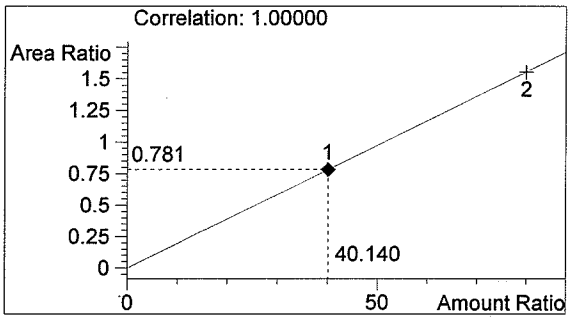
Totals:



METHANOL 39.647 mg/dL



ETHANOL 40.091 mg/dL



ACETONE 40.140 mg/dL

CM

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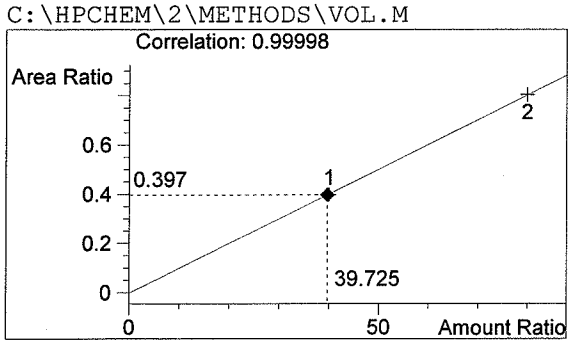
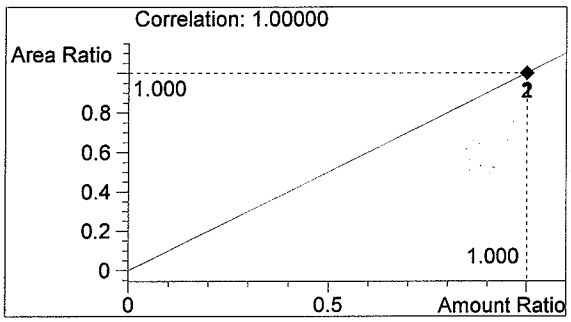
C:\HPCHEM\2\METHODS\VOL.M



ISOPROPANOL 39.725 mg/dL



n-PROPANOL 1.000 mg/dL

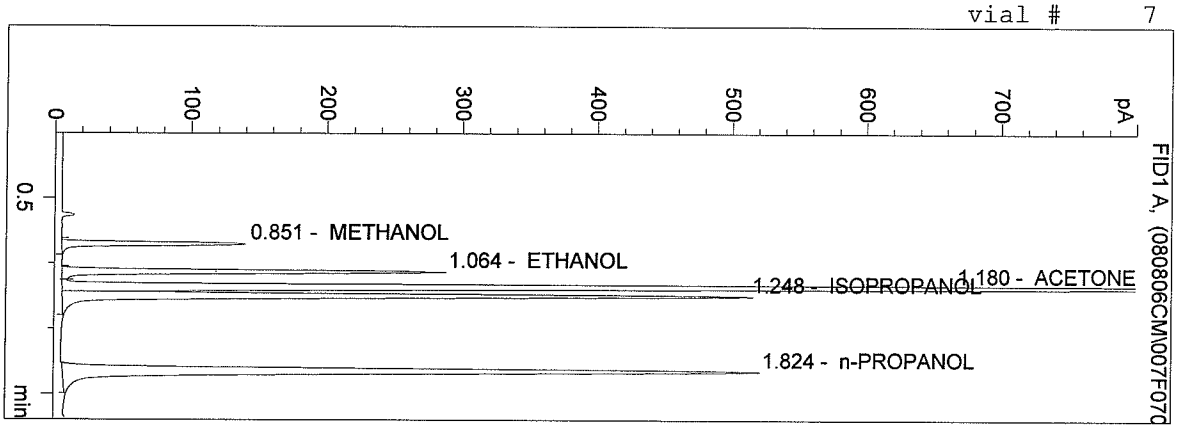
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
8/6/2008 9:52:23 AM
Instrument 3
db-alc2

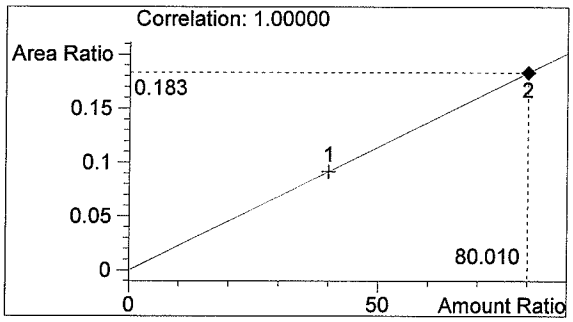
0.08 Mix
Christie Mitchell

vial # 7

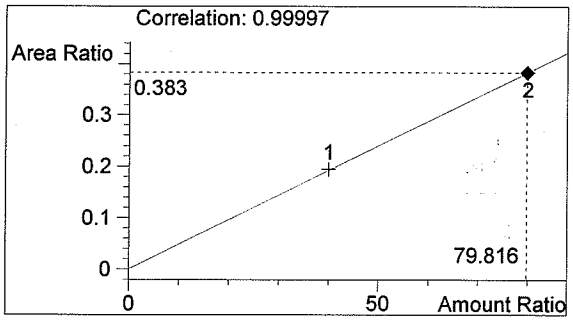


#	Compound	Area	RT
1	METHANOL	265	0.851
2	ETHANOL	554	1.064
3	ACETONE	2248	1.180
4	ISOPROPANOL	1148	1.248
5	n-PROPANOL	1446	1.824

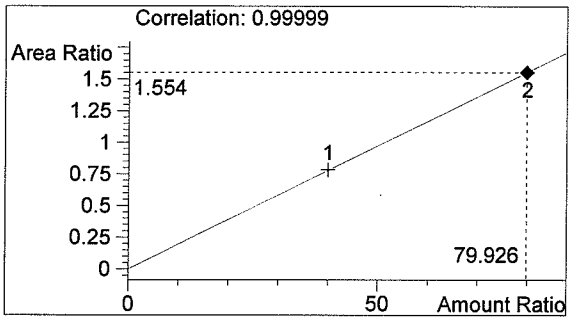
Totals:



METHANOL 80.010 mg/dL



ETHANOL 79.816 mg/dL



ACETONE 79.926 mg/dL

CM

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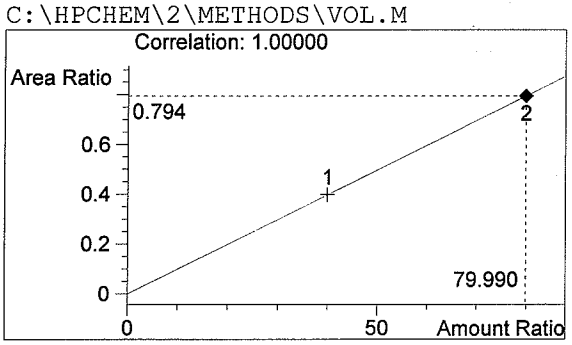
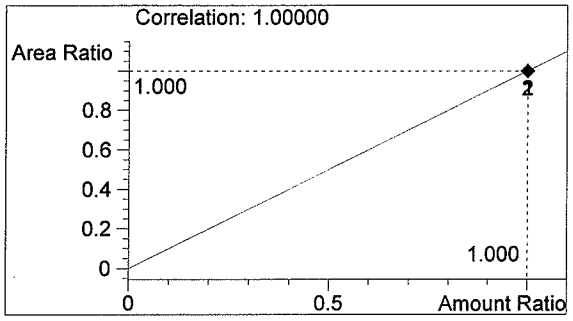
C:\HPCHEM\2\METHODS\VOL.M



ISOPROPANOL 79.990 mg/dL



n-PROPANOL 1.000 mg/dL

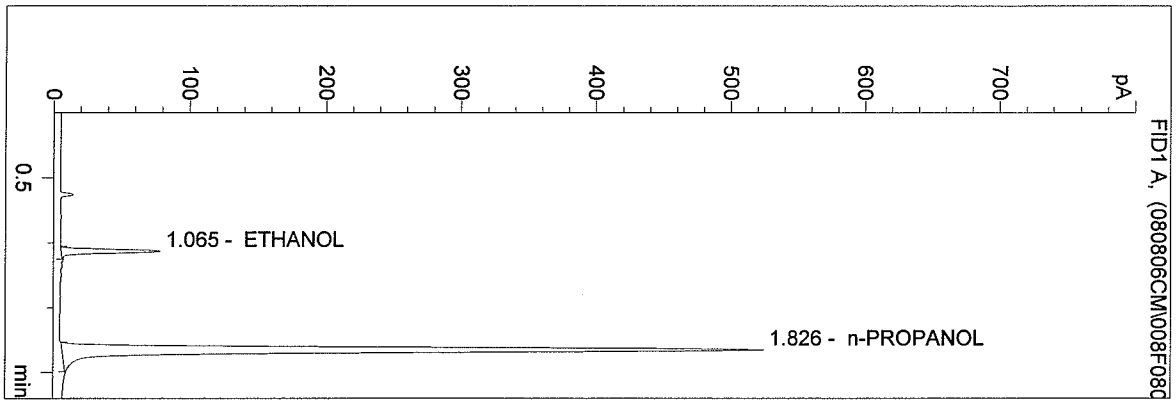
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
8/6/2008 9:55:34 AM
Instrument 3
db-alc2

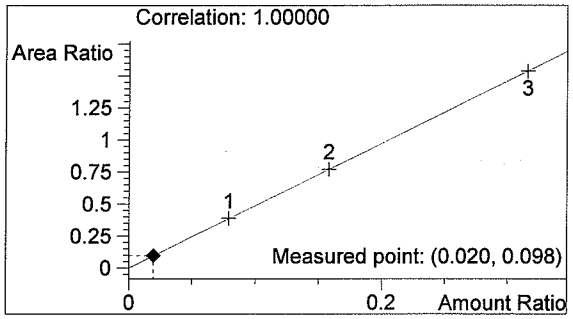
0.02 Std
Christie Mitchell

vial # 8

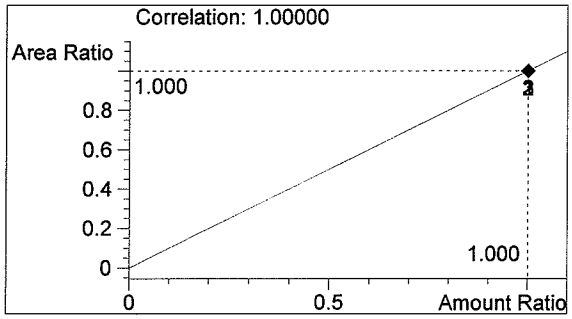


#	Compound	Area	RT
1	ETHANOL	143	1.065
2	n-PROPANOL	1458	1.826

Totals:



ETHANOL 0.020 g/100ml



n-PROPANOL 1.000 g/100ml

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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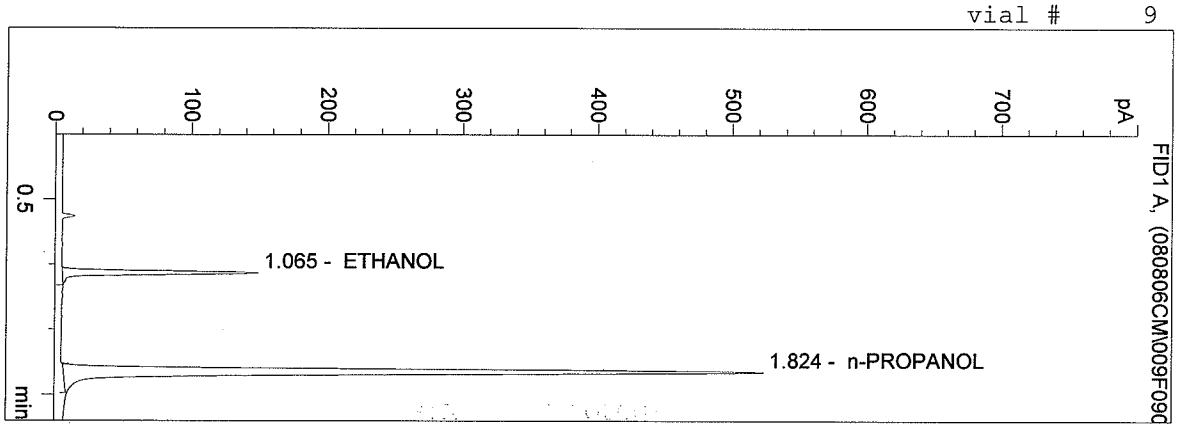
8/6/2008 9:58:42 AM
Instrument 3
db-alc2

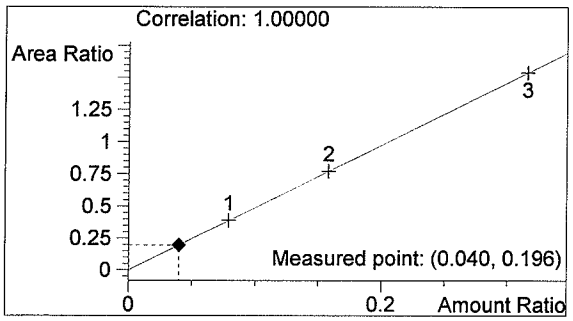
0.04 Ctrl - CM
Christie Mitchell

vial # 9

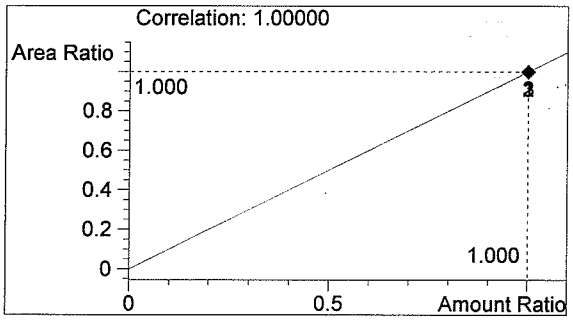


#	Compound	Area	RT
1	ETHANOL	284	1.065
2	n-PROPANOL	1450	1.824

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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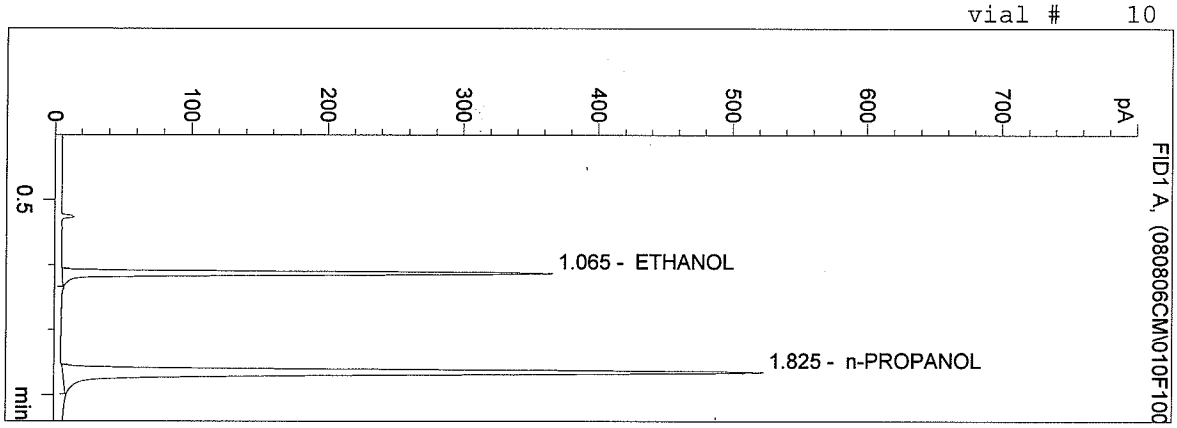
Instrument 3
db-alc2

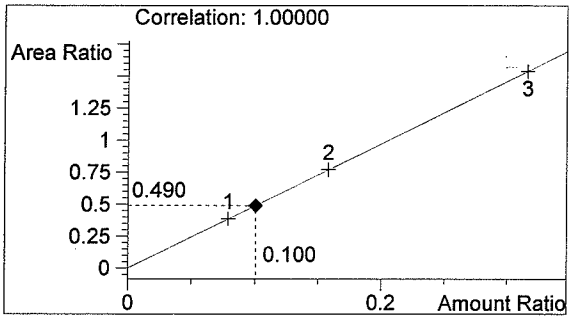
0.10 Ctrl - CM
Christie Mitchell

vial # 10

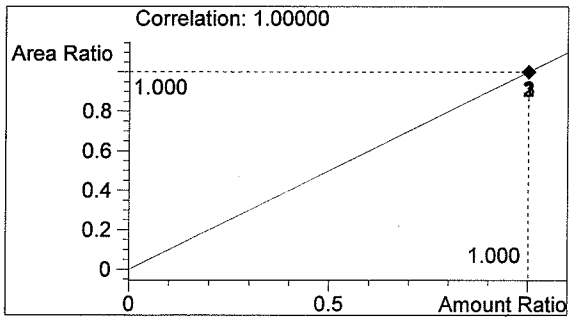


#	Compound	Area	RT
1	ETHANOL	712	1.065
2	n-PROPANOL	1452	1.825

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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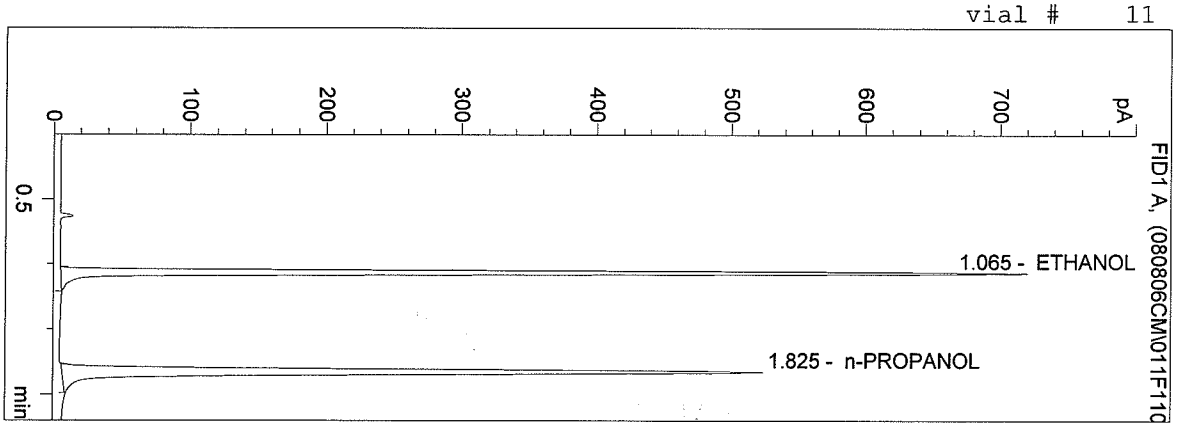
C:\HPCHEM\2\METHODS\BLDALCO3.M
8/6/2008 10:04:56 AM
Instrument 3
db-alc2

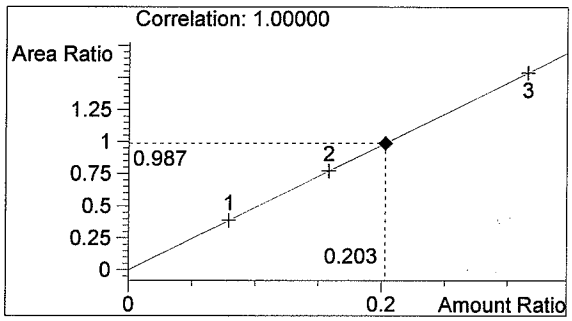
0.20 Ctrl - CM
Christie Mitchell

vial # 11

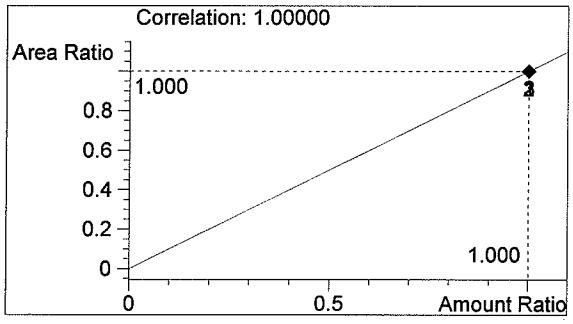


#	Compound	Area	RT
1	ETHANOL	1435	1.065
2	n-PROPANOL	1454	1.825

Totals:



ETHANOL 0.203 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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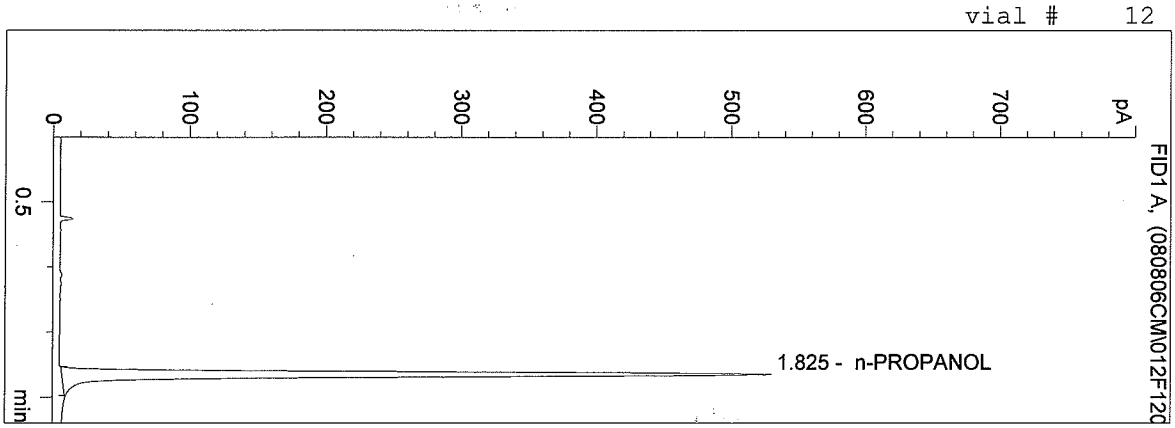
8/6/2008 10:08:03 AM
Instrument 3
db-alc2

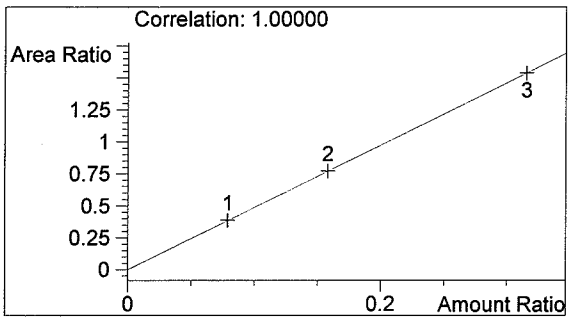
Blank
Christie Mitchell

vial # 12

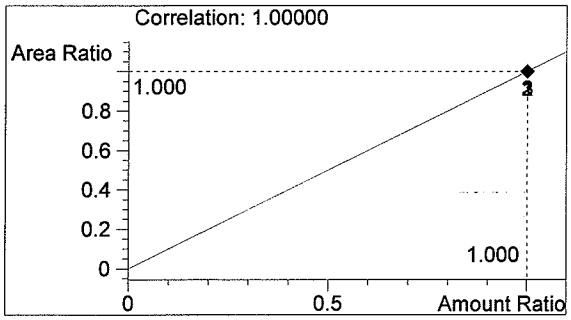


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1470	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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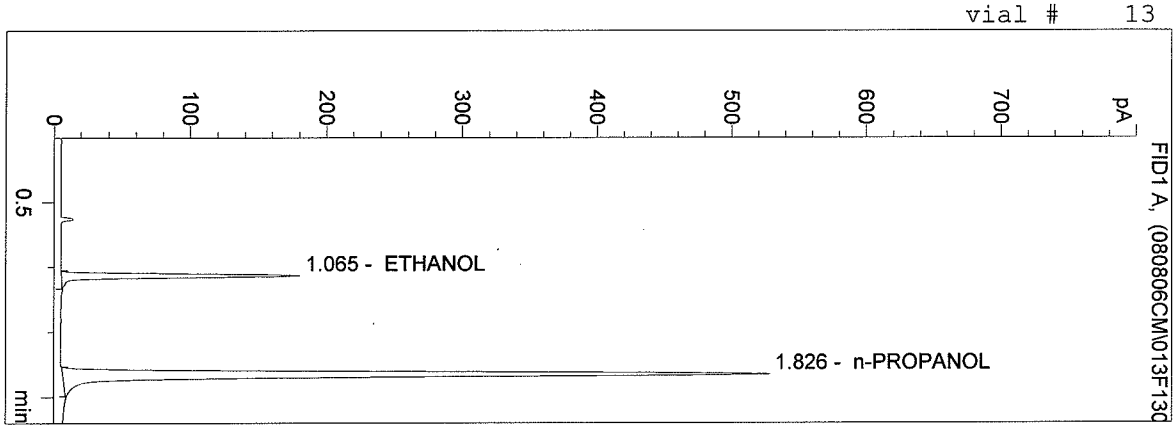
8/6/2008 10:11:10 AM
Instrument 3
db-alc2

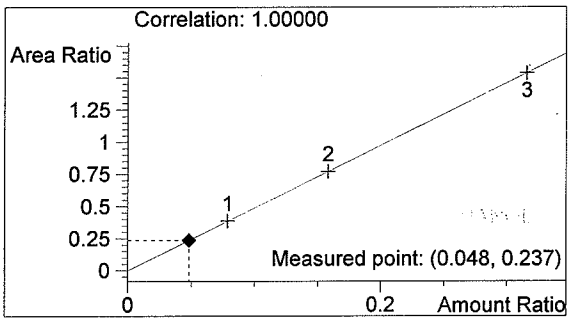
QA08036-1
Christie Mitchell

vial # 13

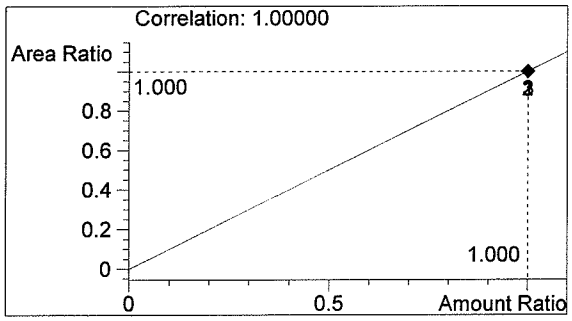


#	Compound	Area	RT
1	ETHANOL	347	1.065
2	n-PROPANOL	1467	1.826

Totals:



ETHANOL 0.048 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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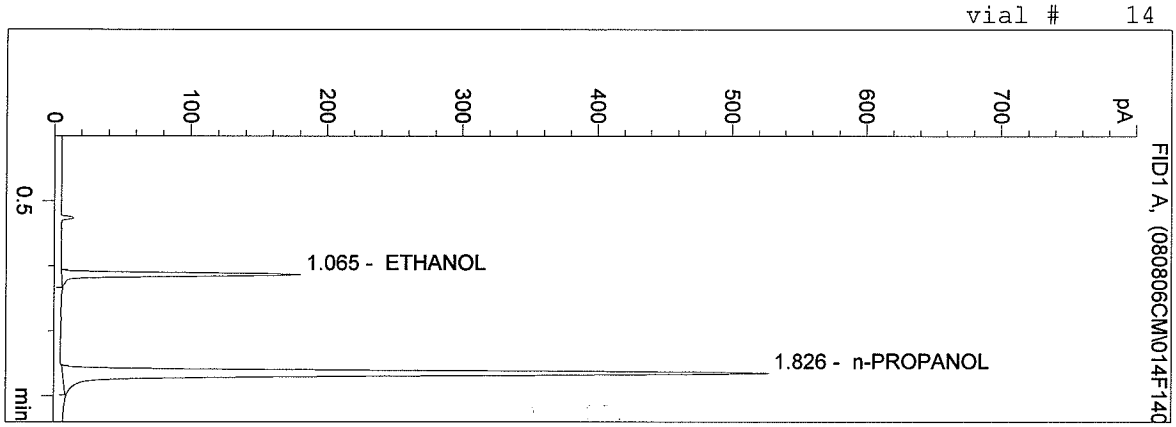
8/6/2008 10:14:18 AM
Instrument 3
db-alc2

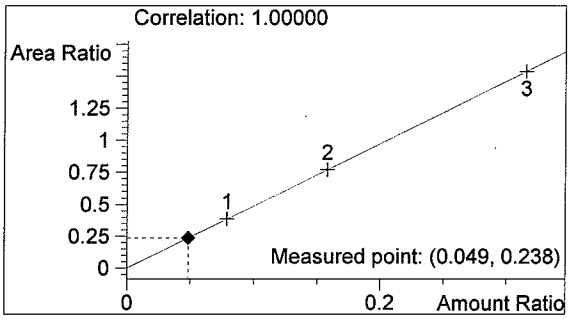
QA08036-2
Christie Mitchell

vial # 14

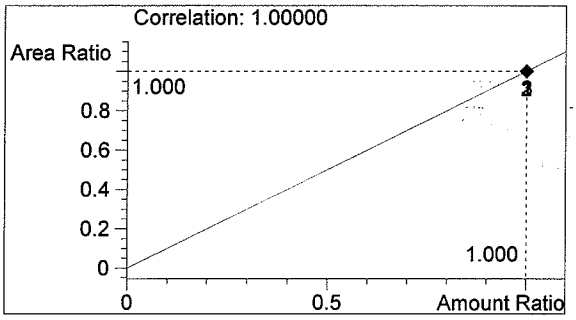


#	Compound	Area	RT
1	ETHANOL	349	1.065
2	n-PROPANOL	1464	1.826

Totals:



ETHANOL 0.049 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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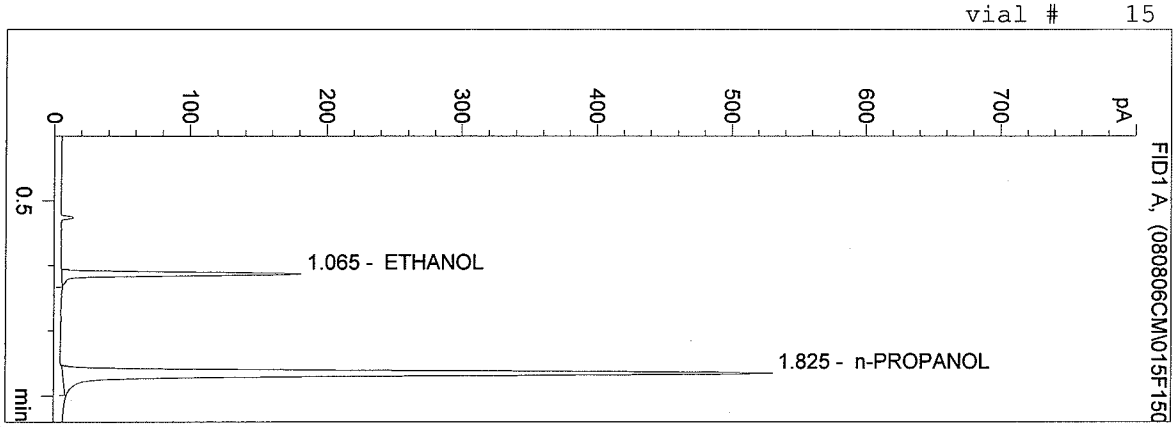
8/6/2008 10:17:25 AM
Instrument 3
db-alc2

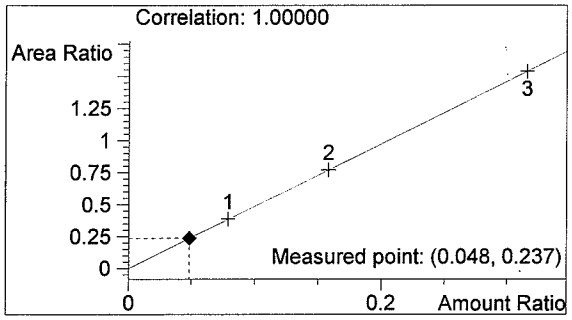
QA08036-3
Christie Mitchell

vial # 15

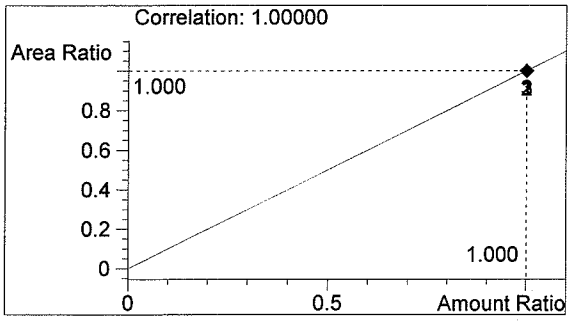


#	Compound	Area	RT
1	ETHANOL	350	1.065
2	n-PROPANOL	1474	1.825

Totals:



ETHANOL 0.048 g/100ml



n-PROPANOL 1.000 g/100ml

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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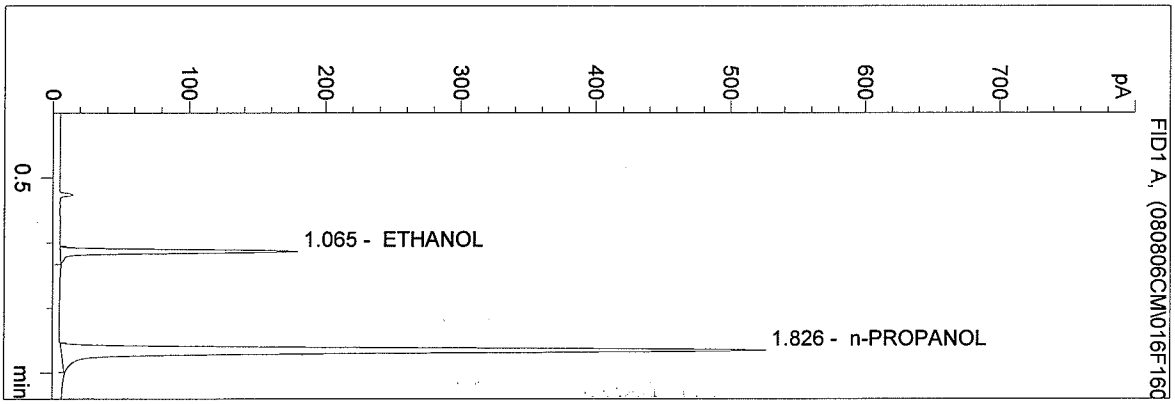
8/6/2008 10:20:32 AM
Instrument 3
db-alc2

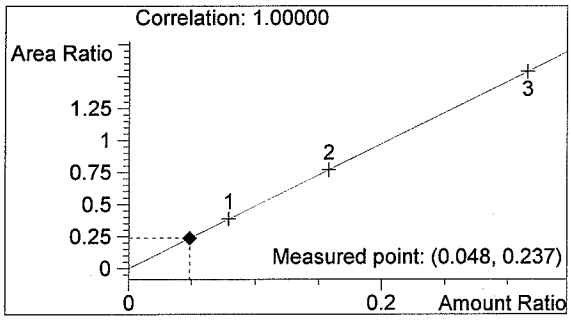
QA08036-4
Christie Mitchell

vial # 16

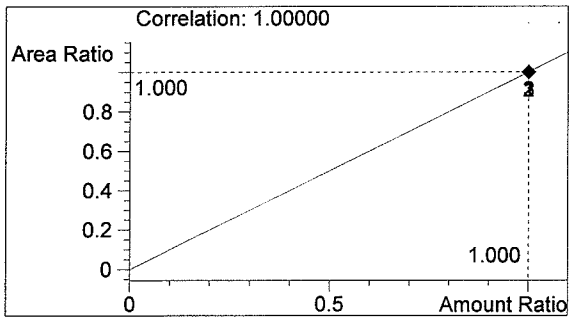


#	Compound	Area	RT
1	ETHANOL	348	1.065
2	n-PROPANOL	1465	1.826

Totals:



ETHANOL 0.048 g/100ml



n-PROPANOL 1.000 g/100ml

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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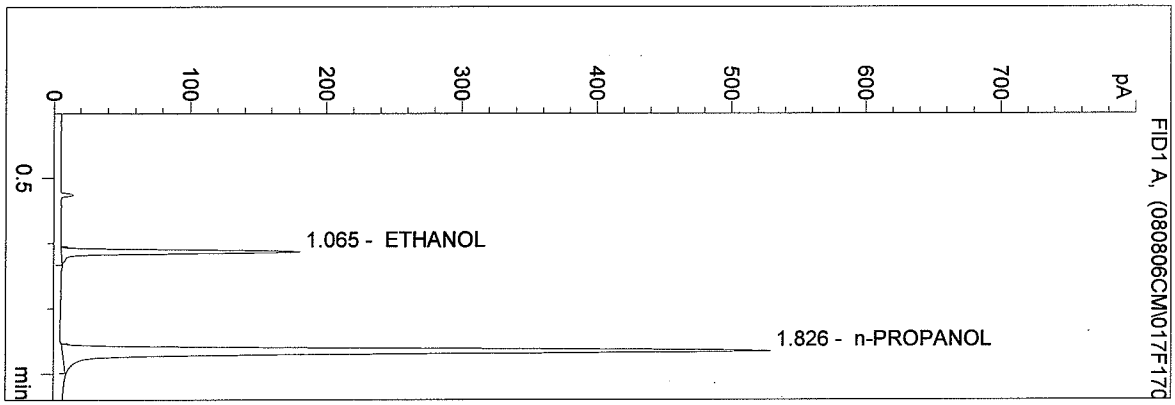
Instrument 3
db-alc2

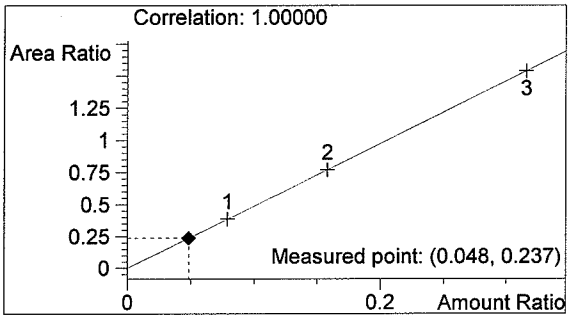
QA08036-5
Christie Mitchell

vial # 17

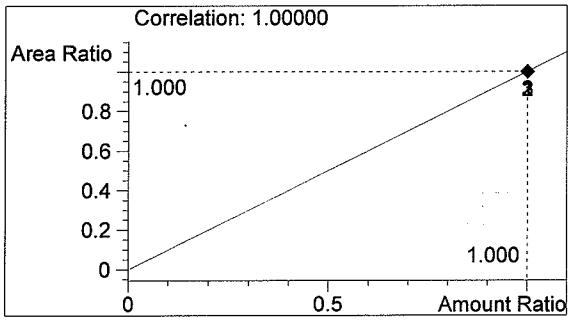


#	Compound	Area	RT
1	ETHANOL	348	1.065
2	n-PROPANOL	1467	1.826

Totals:



ETHANOL 0.048 g/100ml



n-PROPANOL 1.000 g/100ml

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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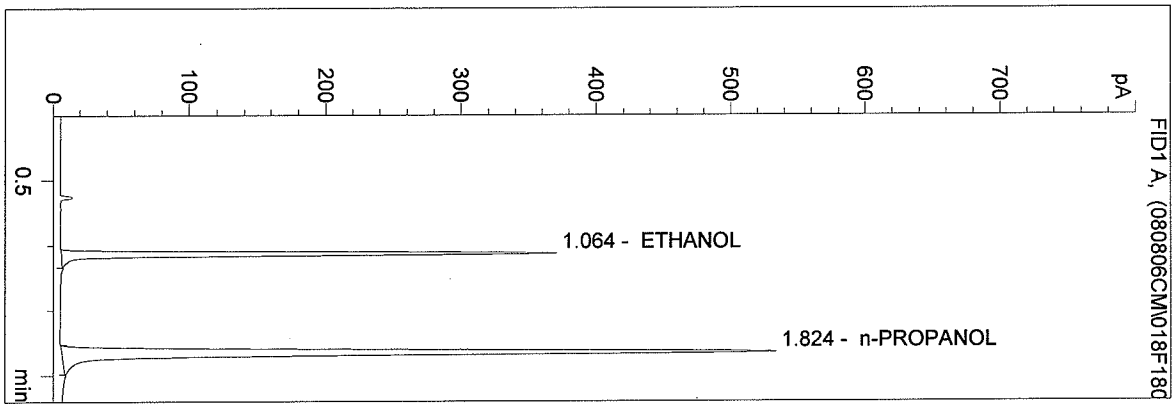
Instrument 3
db-alc2

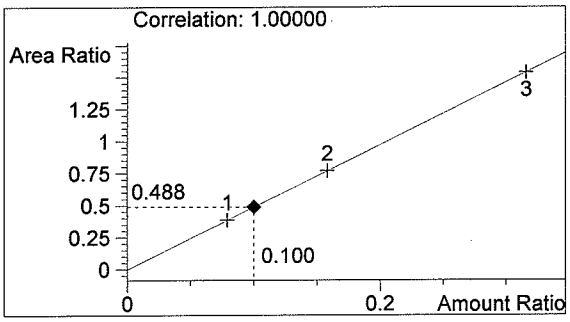
0.10 Ctrl-CM
Christie Mitchell

vial # 18

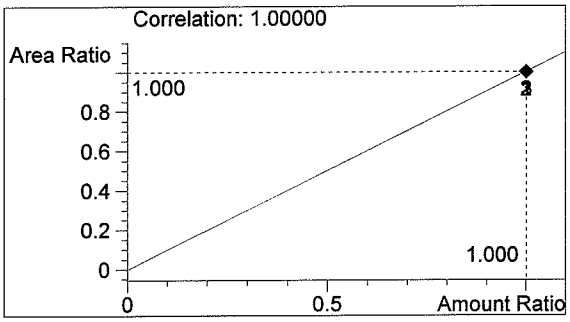


#	Compound	Area	RT
1	ETHANOL	724	1.064
2	n-PROPANOL	1484	1.824

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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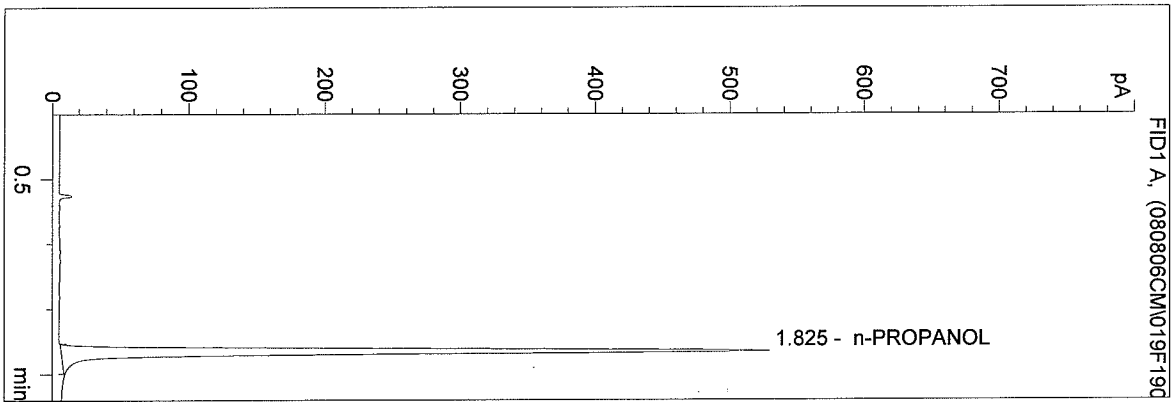
Instrument 3
db-alc2

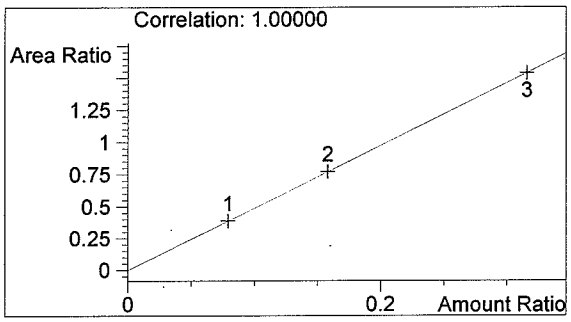
BLANK
Christie Mitchell

vial # 19

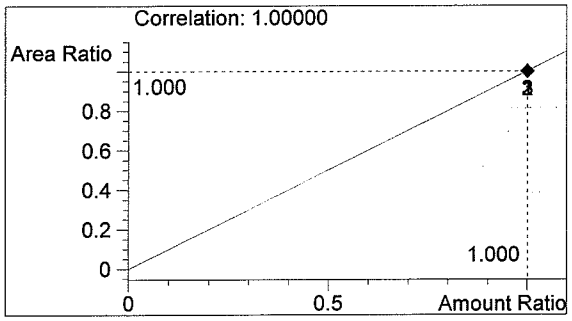


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1470	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM