WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/ s: DENTON / GULLBERG Date: 7/31/2008

Location: Seattle Tox Lab Solution Batch Number: 08034

	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. Gullberg Date: 7-31-08

Reviewer Signature: K.L. Denton Date: 7/31/2008

Rev. Date: 2/14/2008

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 **0.08** g/210L Quality Assurance Solution

Batch number **08034** Date prepared: 07/14/2008

Preparation: **22.2** 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	0.099	0.097	0.100
2	0.100	0.099	0.101
3	0.100	0.099	0.099
4	0.098	0.098	0.098
5	0.099	0.099	0.099
Ctrl	0.102	0.097	0.099

Statistics:

Avg. solution concent.: 0.0990 g/100 mL

SD: 0.00100

Range (3.8XSD): 0.0952 to 0.1028

Precision CV (%): 1.0101 %

External Control:

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

Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.0805 g/210L

Analyst	Name	Signature	Date Tested
1	Brittany Ball	Brittany Ball	07/14/2008
2	Brianna Peterson	Brianna Peterson	07/15/2008
3	Justin L Knoy	[illegible]	07/15/2008

Prepared by: Brittany Ball according to the approved protocol.

Final review by: [illegible]

ver 12/19/2007

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 QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 08034

I, Brittany Ball, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The quality assurance solution, Lot Number 08034, was prepared in the Washington State Toxicology Laboratory on 7/14/2008. 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 7/14/2009.

Seattle, WA

Brittany Ball 7/23/08
Brittany Ball Date
Forensic Toxicologist

BB/ik
BBQA

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 08034

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 08034, was prepared in the Washington State Toxicology Laboratory on 7/14/2008. 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 7/14/2009.

Seattle, WA

Brianna Peterson 7/23/08
Brianna Peterson Date
Forensic Toxicologist

BP/ik
BPQA

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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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 08034

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 08034, was prepared in the Washington State Toxicology Laboratory on 7/14/2008. 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 7/14/2009.

Seattle, WA

7-24-08

Justin L. Knoy Date
Forensic Toxicologist

JLK/ik
JKQA

Batch Worksheet Check Off

Please check the data entered into the worksheet is correct and that the date to the right of your name is the date that you tested the solution and then sign the worksheet.

Please initial below to affirm that you have:

1 – Initialed your chromatograms
2 – Checked your data
3 – Checked the date to the right of your name on the worksheet
4 – Signed the worksheet.

Initials	Date
Amanda Black	
Asa Louis	
Brian Capron	
Brianna Peterson BP	7·23·08
Brianne Akins	
Brittany Ball BB	7/23/08
Christie Mitchell	
Christopher Johnston	
Erin Kolbrich	
Estuardo Miranda	
Gwynyth Scherperel	
Justin Knoy JK	7-24-08
Lisa Noble	
Melissa Pemberton	
Naziha Nuwayhid	
Rebecca Flaherty	
Sarah Swenson	

Sequence Parameters:

Operator:	BRITTANY BALL
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	080714BB
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	BLDALCO2	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO2	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO2	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO2	1	Calib		
5	Vial 5	BLANK	BLDALCO2	1	Ctrl Samp		
6	Vial 6	40 MIX	VOL	1	Calib		
7	Vial 7	80 MIX	VOL	1	Calib		
8	Vial 8	0.02 STD	BLDALCO2	1	Sample		
9	Vial 9	0.04 CONTROL BB	BLDALCO2	1	Ctrl Samp	A056758	exp 3/2012
10	Vial 10	0.10 CONTROL BB	BLDALCO2	1	Ctrl Samp	A056938	exp 4/2012
11	Vial 11	0.20 CONTROL BB	BLDALCO2	1	Ctrl Samp	A055525	exp 2/2012
12	Vial 12	BLANK	BLDALCO2	1	Sample		
13	Vial 13	QA08034-1bb	BLDALCO2	1	Sample		
14	Vial 14	QA08034-2bb	BLDALCO2	1	Sample		
15	Vial 15	QA08034-3bb	BLDALCO2	1	Sample		
16	Vial 16	QA08034-4bb	BLDALCO2	1	Sample		
17	Vial 17	QA08034-5bb	BLDALCO2	1	Sample		
18	Vial 18	0.10 CONTROL-BB	BLDALCO2	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO2	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	BLDALCO2	1	Replace	Average	
3	Vial 3	0.158 CAL	BLDALCO2	2	Replace	Average	
4	Vial 4	0.316 CAL	BLDALCO2	3	Replace	Average	
6	Vial 6	40 MIX	VOL	1	Replace	Average	
7	Vial 7	80 MIX	VOL	2	Replace	Average	

BB 7/28/08

Sequence Table (Back Injector):

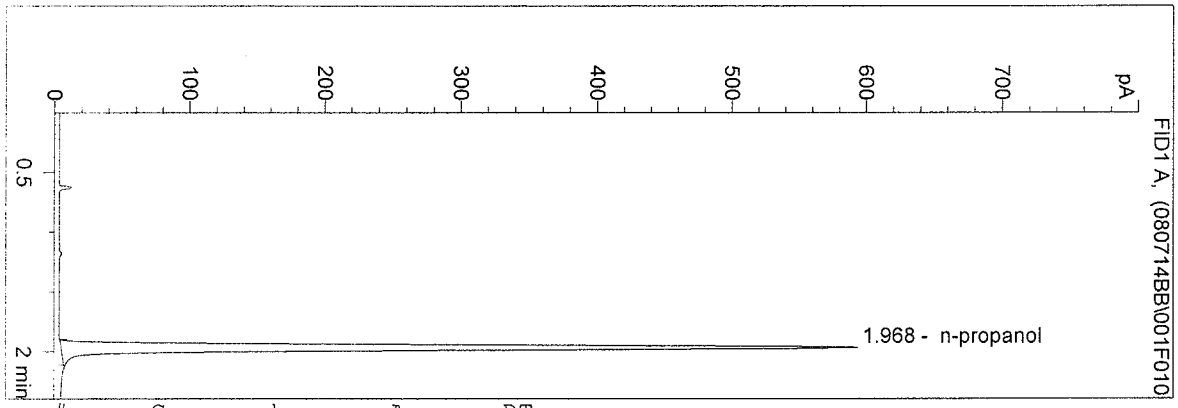
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 3:25:54 PM
Instrument 5
DB-ALC2

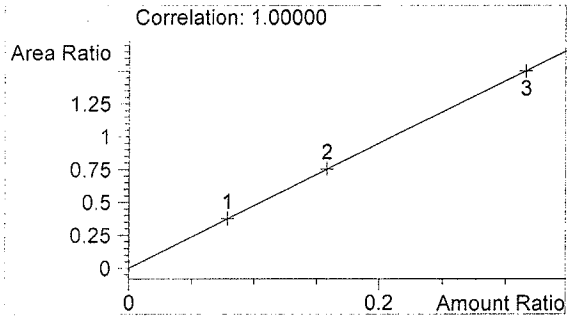
BLANK
BRITTANY BALL

vial # 1

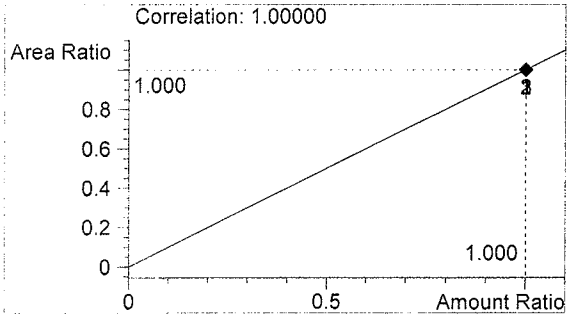


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1821	1.968

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

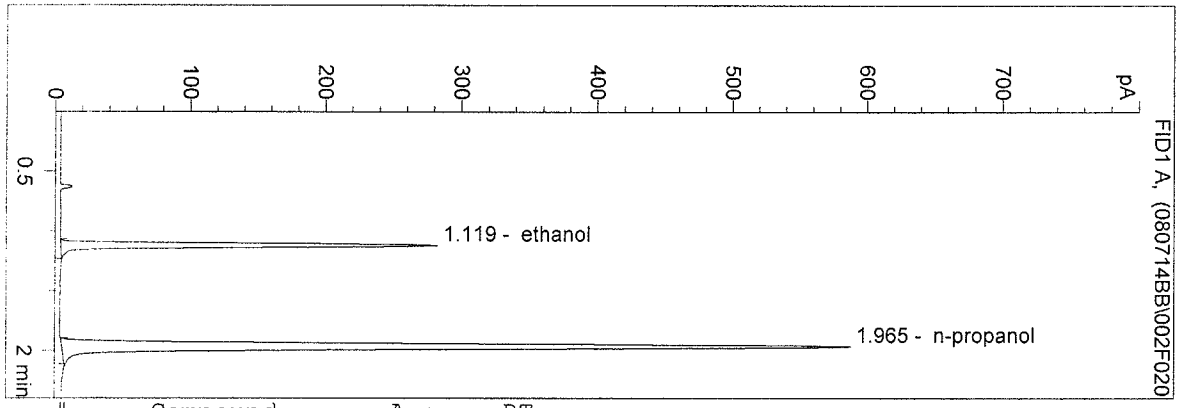
BB
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 3:29:17 PM
Instrument 5
DB-ALC2

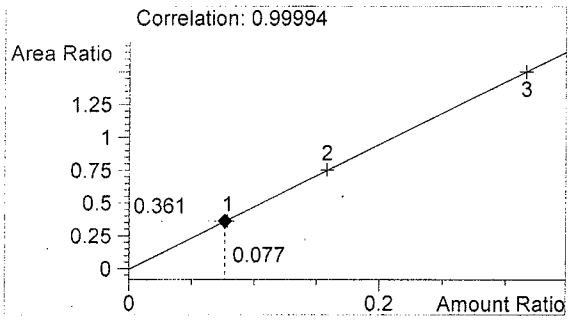
0.079 CAL
BRITTANY BALL

vial # 2

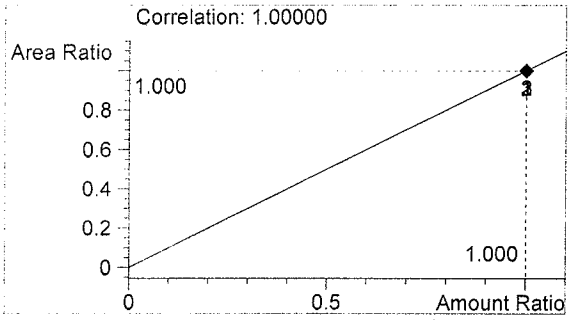


#	Compound	Area	RT
1	ethanol	656	1.119
2	n-propanol	1819	1.965

Totals:



ethanol 0.077 g/100ml



n-propanol 1.000 g/100ml

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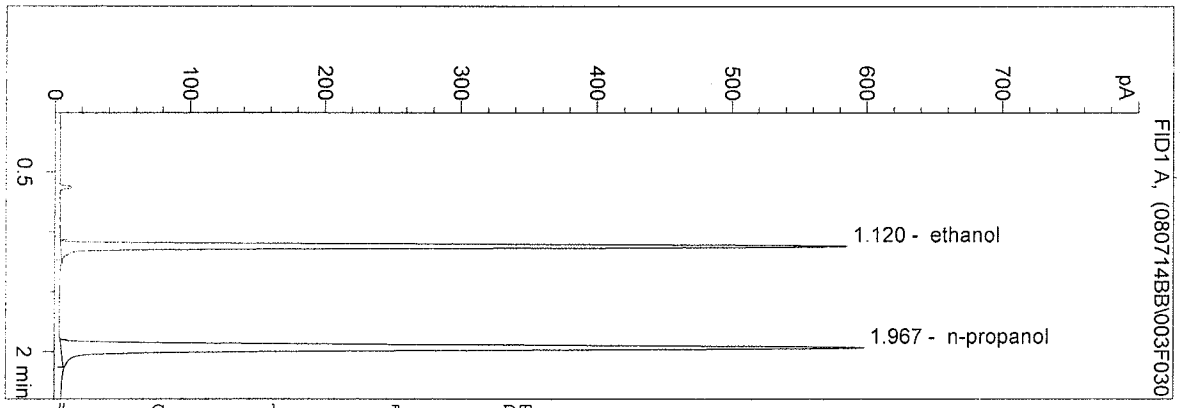
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 3:32:40 PM
Instrument 5
DB-ALC2

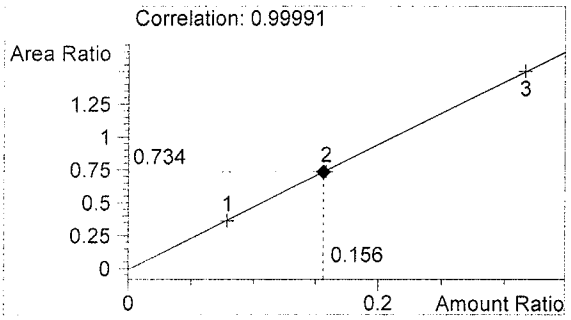
0.158 CAL
BRITTANY BALL

vial # 3

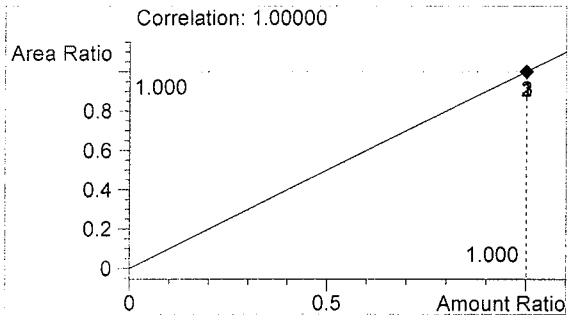


#	Compound	Area	RT
1	ethanol	1363	1.120
2	n-propanol	1855	1.967

Totals:



ethanol 0.156 g/100ml



n-propanol 1.000 g/100ml

BB
7/23/08

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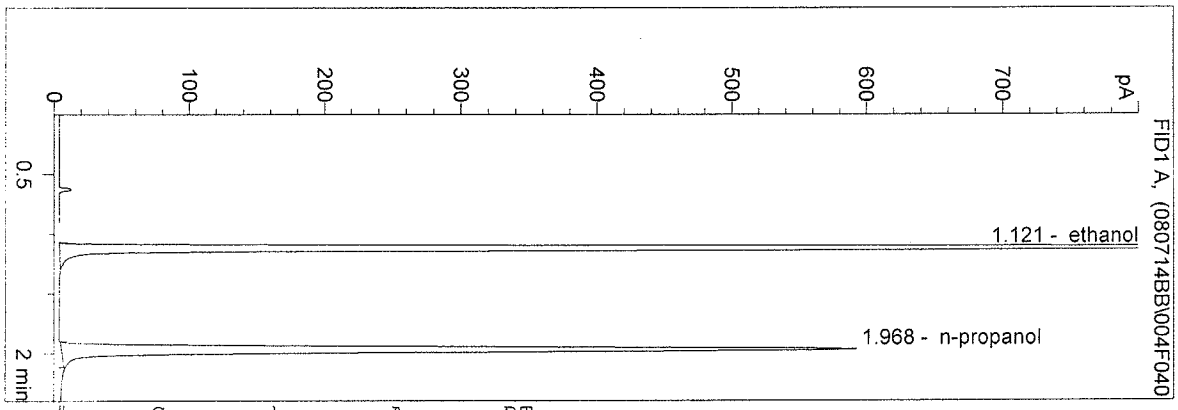
D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 3:37:43 PM
Instrument 5
DB-ALC2

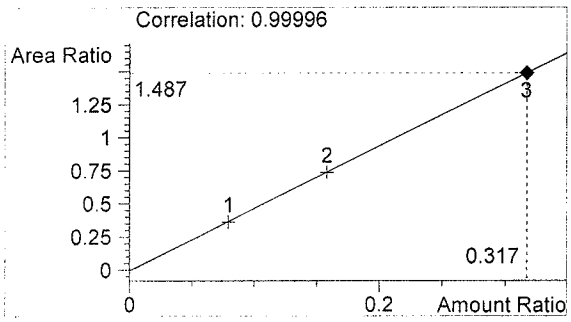
0.316 CAL
BRITTANY BALL

vial # 4

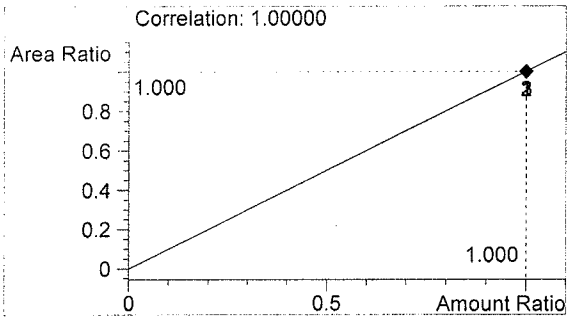


#	Compound	Area	RT
1	ethanol	2711	1.121
2	n-propanol	1823	1.968

Totals:



ethanol 0.317 g/100ml



n-propanol 1.000 g/100ml

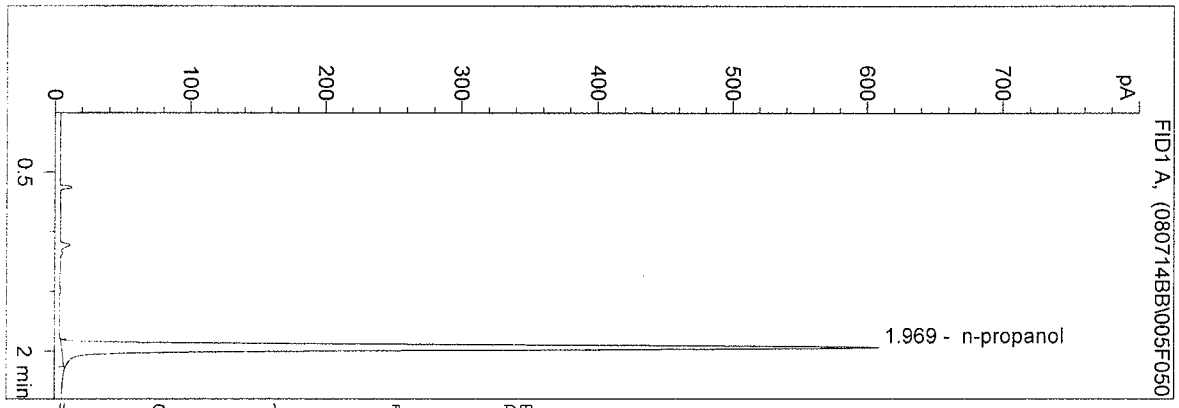
BB
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 3:41:07 PM
Instrument 5
DB-ALC2

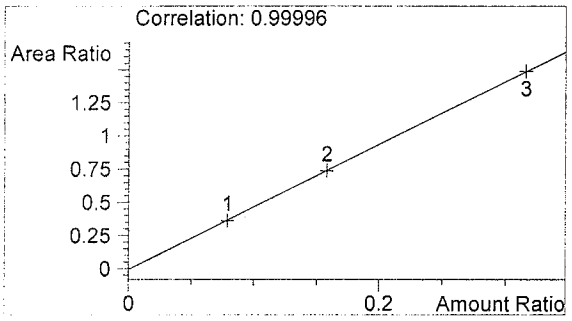
BLANK
BRITTANY BALL

vial # 5

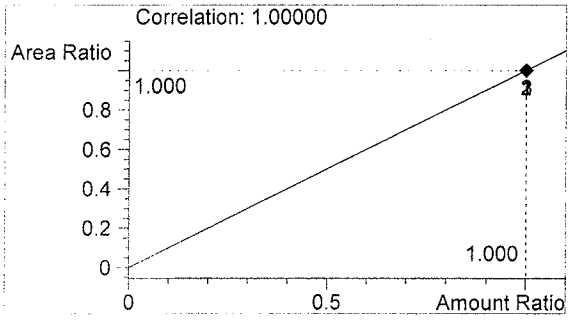


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1879	1.969

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

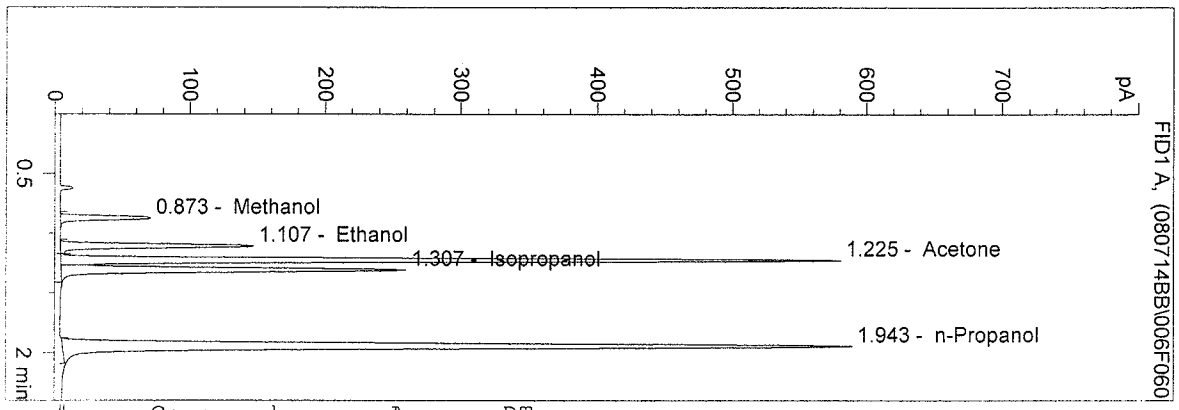
BB
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M
7/14/2008 3:53:39 PM
Instrument 5
DB-ALC2

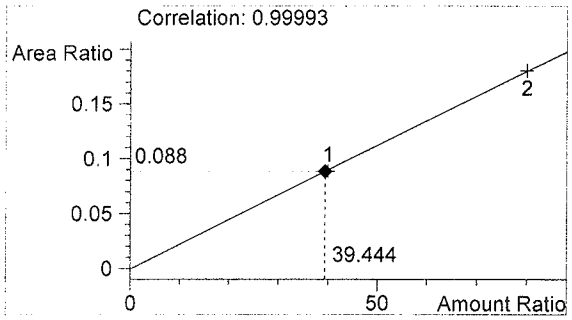
40 MIX
BRITTANY BALL

vial # 6

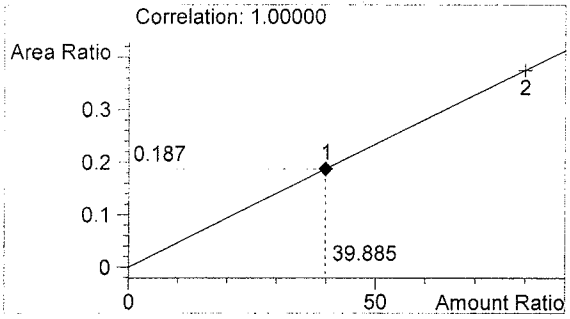


#	Compound	Area	RT
1	Methanol	159	0.873
2	Ethanol	336	1.107
3	Acetone	1236	1.225
4	Isopropanol	637	1.307
5	n-Propanol	1796	1.943

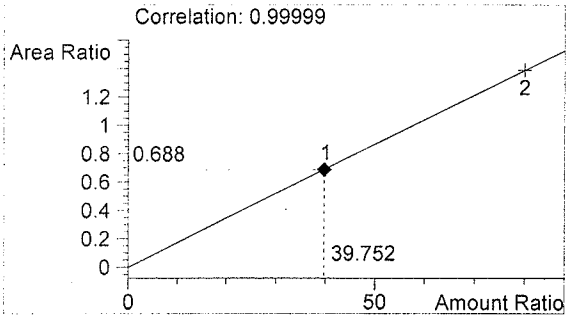
Totals:



Methanol 39.444 mg/dL



Ethanol 39.885 mg/dL



Acetone 39.752 mg/dL

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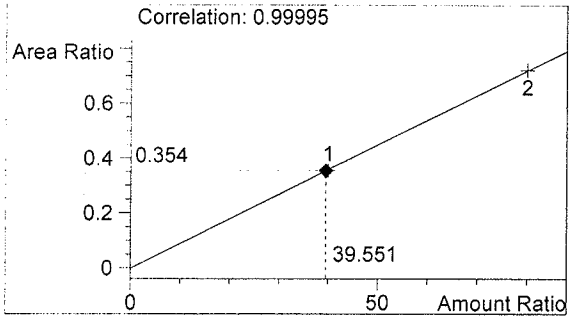
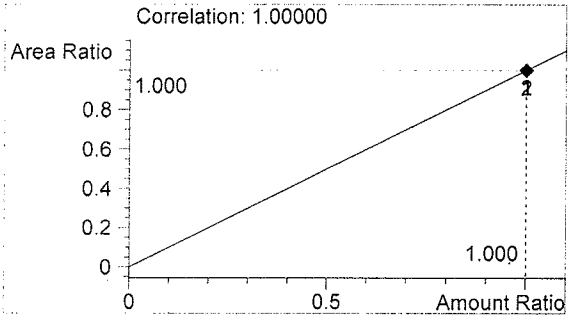
D:\HPCHEM\1\METHODS\VOL.M



Isopropanol 39.551 mg/dL



n-Propanol 1.000 mg/dL

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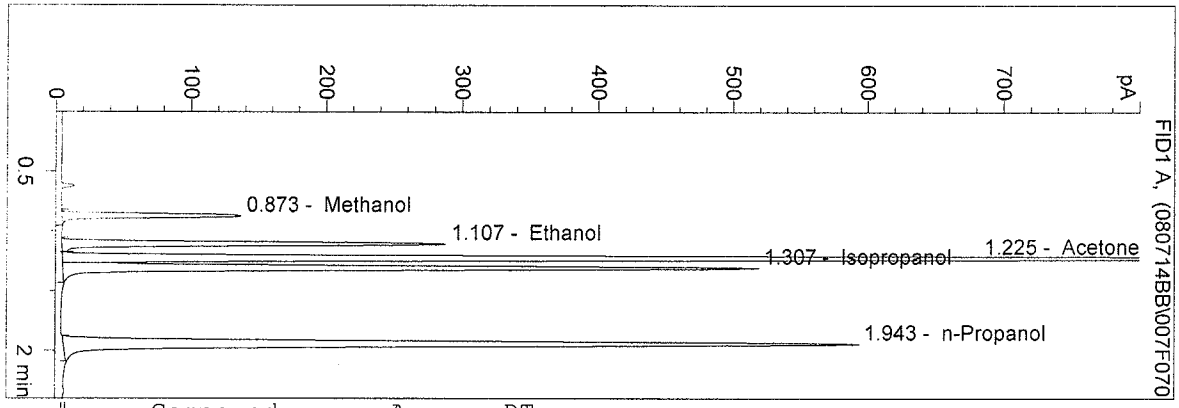
D:\HPCHEM\1\METHODS\VOL.M
7/14/2008 3:57:10 PM
Instrument 5
DB-ALC2

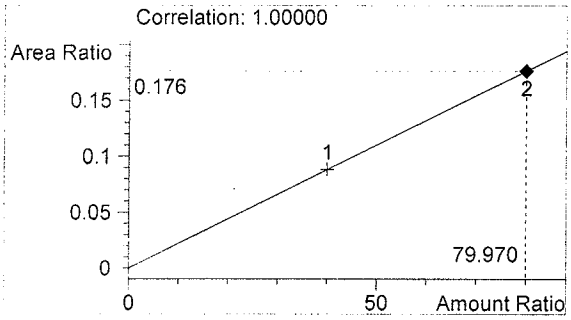
80 MIX
BRITTANY BALL

vial # 7

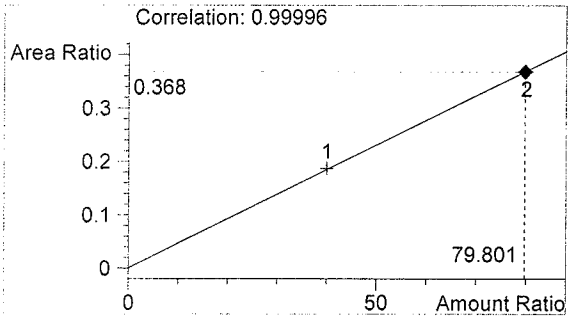


#	Compound	Area	RT
1	Methanol	317	0.873
2	Ethanol	663	1.107
3	Acetone	2473	1.225
4	Isopropanol	1281	1.307
5	n-Propanol	1802	1.943

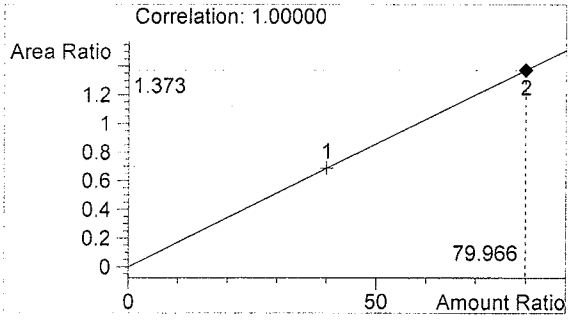
Totals:



Methanol 79.970 mg/dL



Ethanol 79.801 mg/dL



Acetone 79.966 mg/dL

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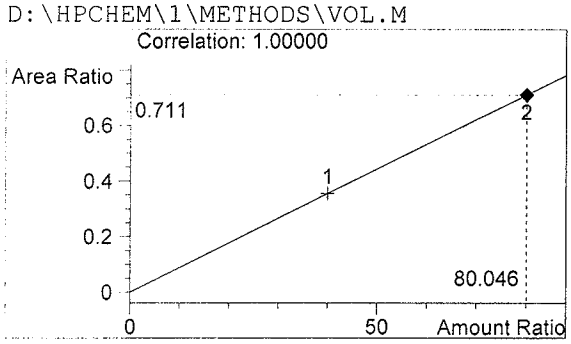
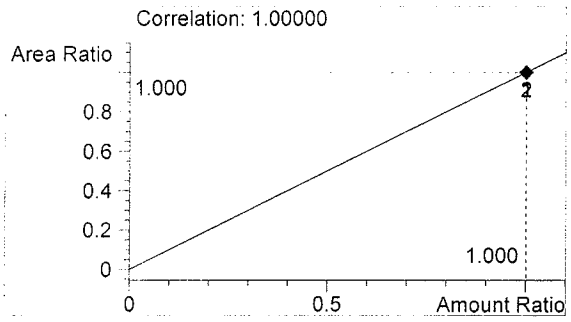
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M



Isopropanol 80.046 mg/dL



n-Propanol 1.000 mg/dL

BB
7/23/08

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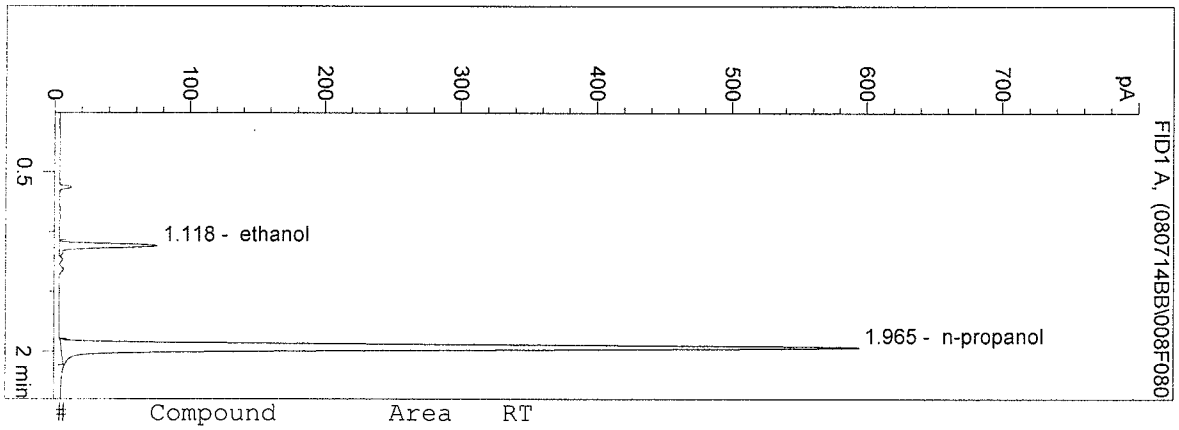
D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:09:30 PM
Instrument 5
DB-ALC2

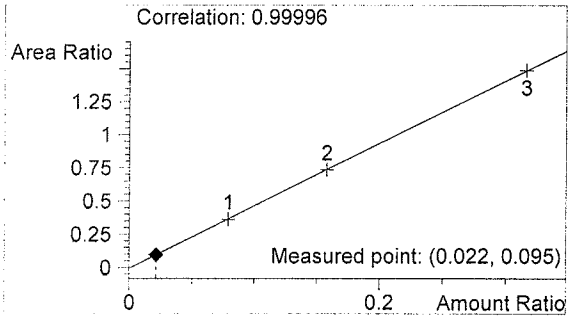
0.02 STD
BRITTANY BALL

vial # 8

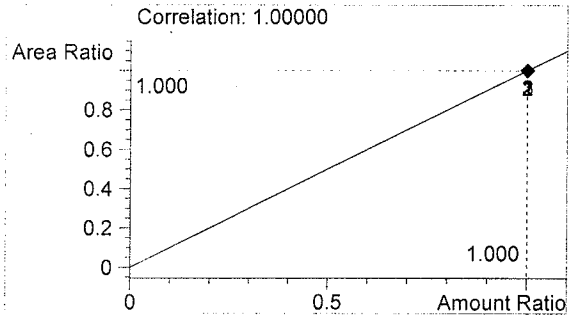


#	Compound	Area	RT
1	ethanol	175	1.118
2	n-propanol	1841	1.965

Totals:



ethanol 0.022 g/100ml



n-propanol 1.000 g/100ml

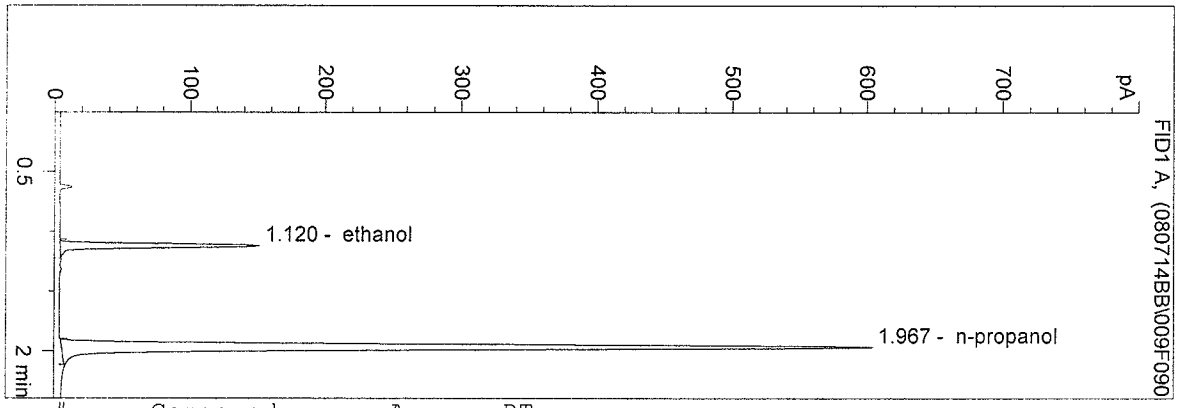
BB
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:12:53 PM
Instrument 5
DB-ALC2

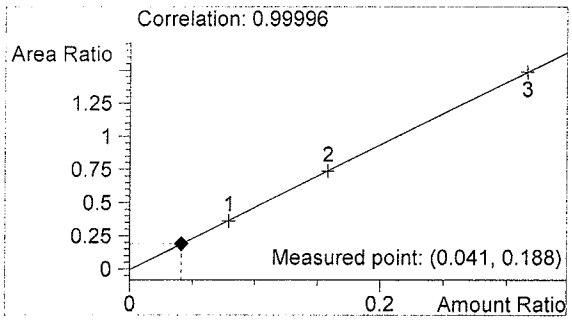
0.04 CONTROL BB
BRITTANY BALL

vial # 9

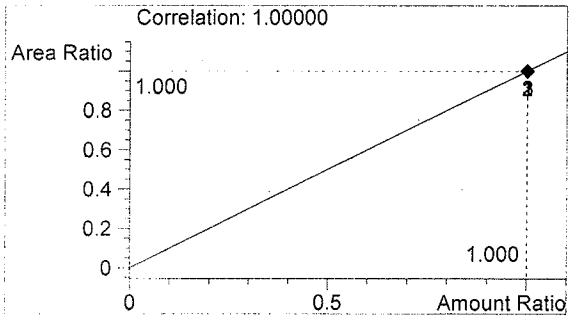


#	Compound	Area	RT
1	ethanol	349	1.120
2	n-propanol	1858	1.967

Totals:



ethanol 0.041 g/100ml



n-propanol 1.000 g/100ml

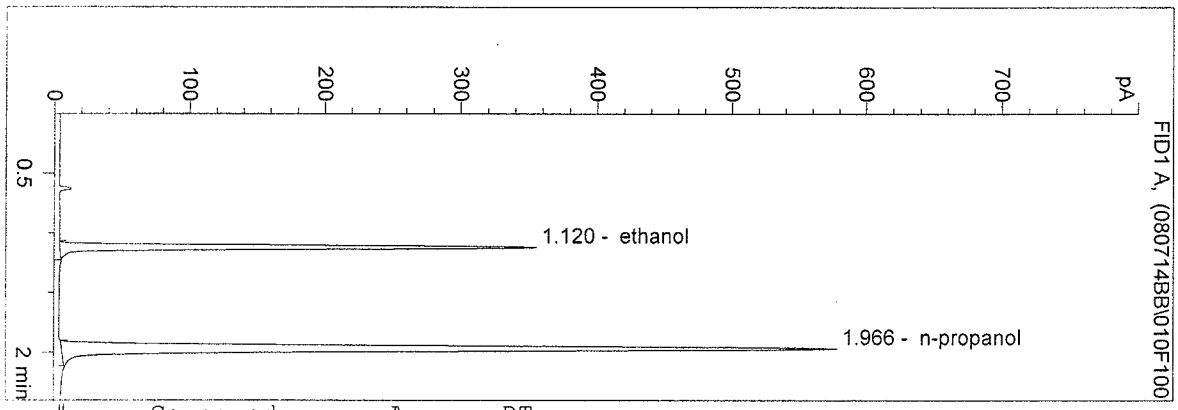
BB
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:16:15 PM
Instrument 5
DB-ALC2

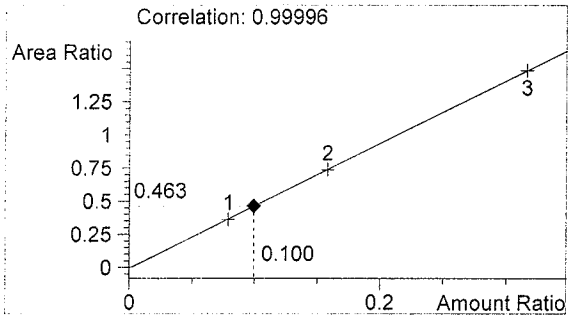
0.10 CONTROL BB
BRITTANY BALL

vial # 10

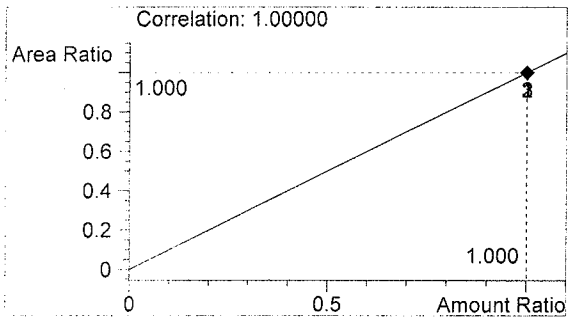


#	Compound	Area	RT
1	ethanol	825	1.120
2	n-propanol	1781	1.966

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

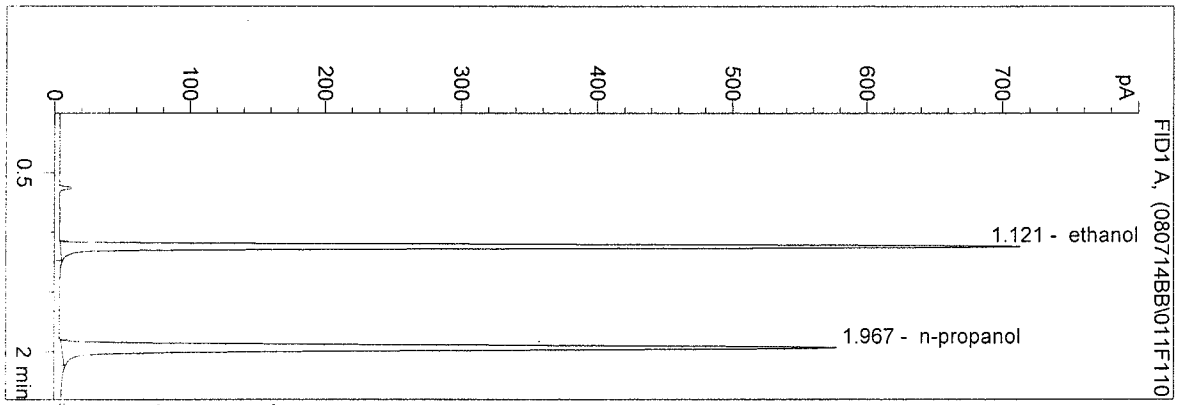
BB
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:21:17 PM
Instrument 5
DB-ALC2

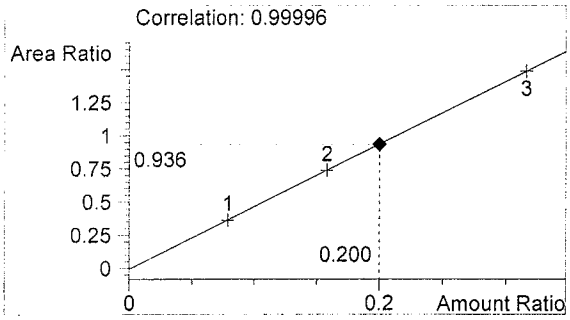
0.20 CONTROL BB
BRITTANY BALL

vial # 11

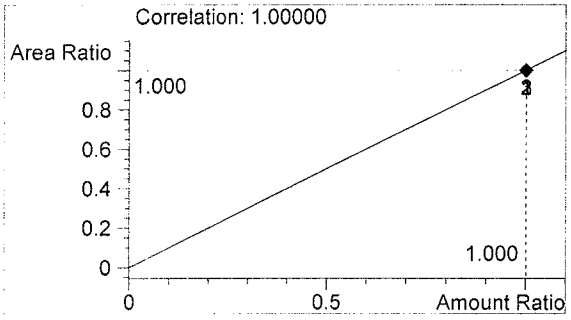


#	Compound	Area	RT
1	ethanol	1662	1.121
2	n-propanol	1775	1.967

Totals:



ethanol 0.200 g/100ml



n-propanol 1.000 g/100ml

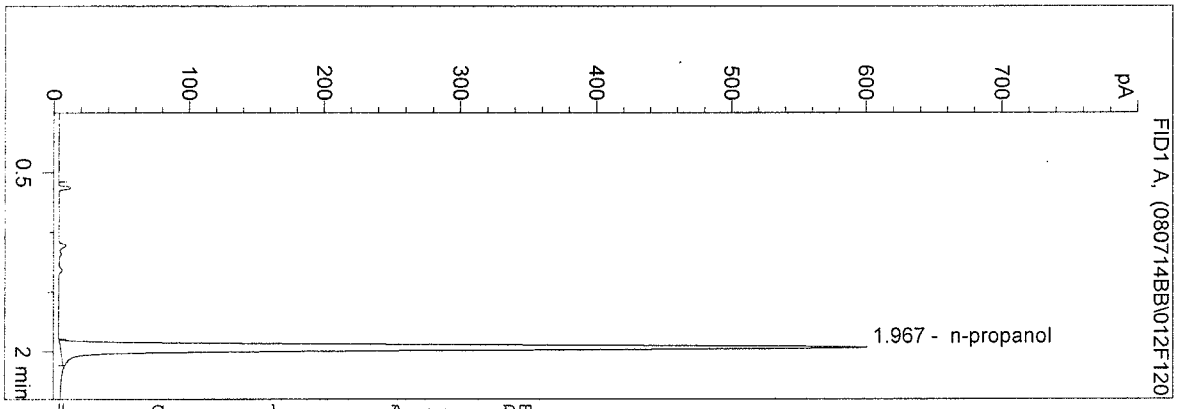
BB
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:24:41 PM
Instrument 5
DB-ALC2

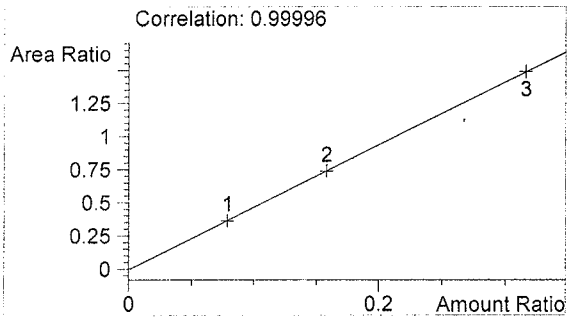
BLANK
BRITTANY BALL

vial # 12

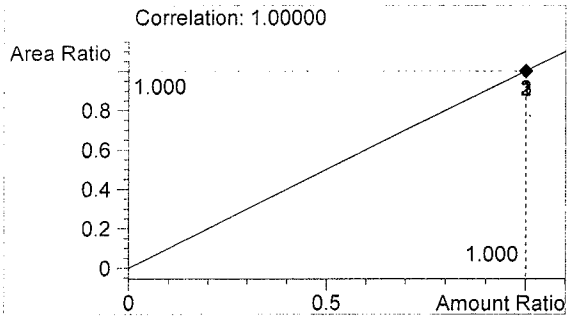


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1855	1.967

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

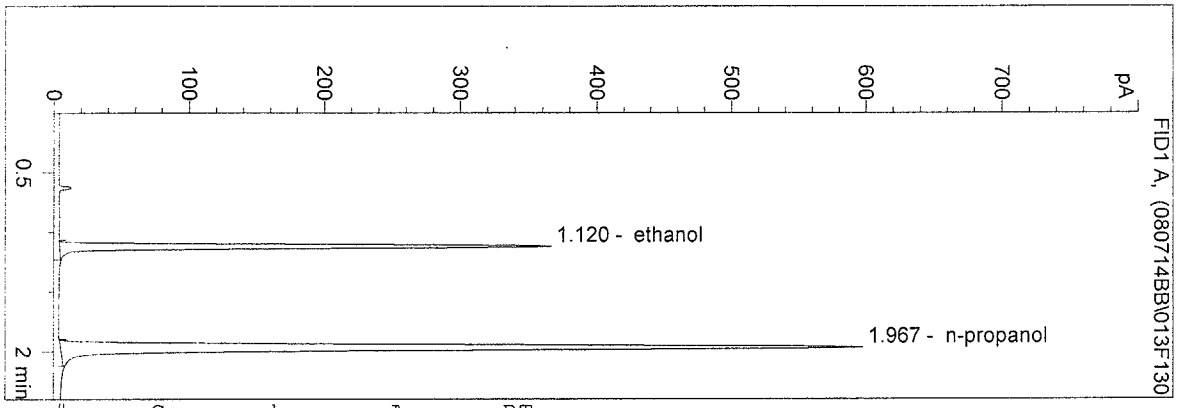
BB 7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:28:04 PM
Instrument 5
DB-ALC2

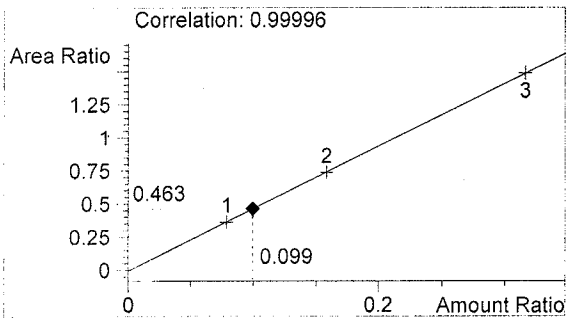
QA08034-1bb
BRITTANY BALL

vial # 13

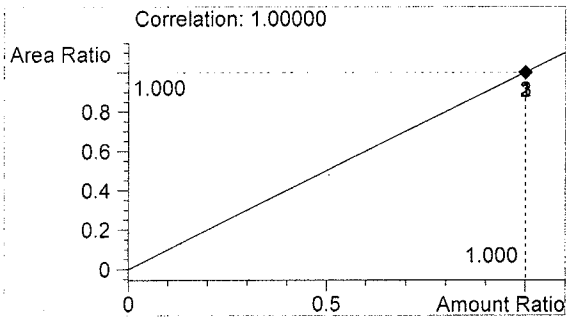


#	Compound	Area	RT
1	ethanol	856	1.120
2	n-propanol	1852	1.967

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

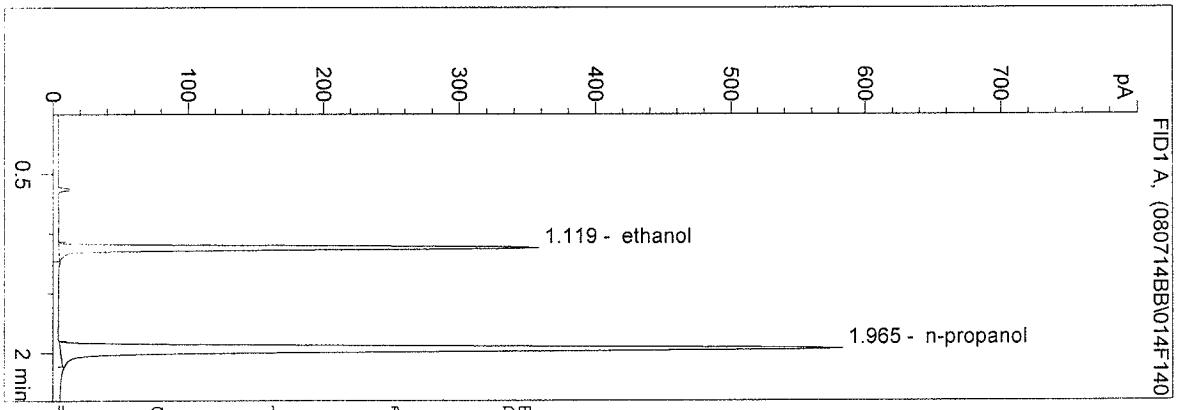
BB 7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:33:05 PM
Instrument 5
DB-ALC2

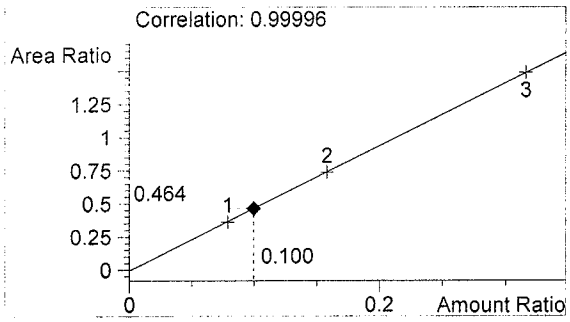
QA08034-2bb
BRITTANY BALL

vial # 14

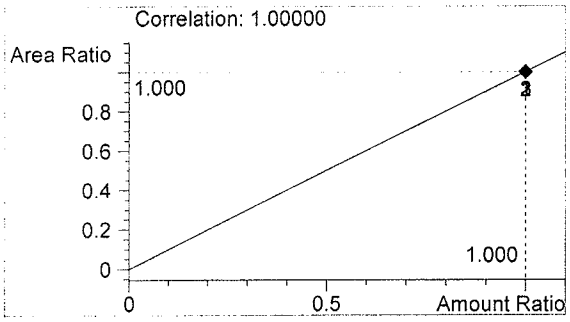


#	Compound	Area	RT
1	ethanol	834	1.119
2	n-propanol	1800	1.965

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

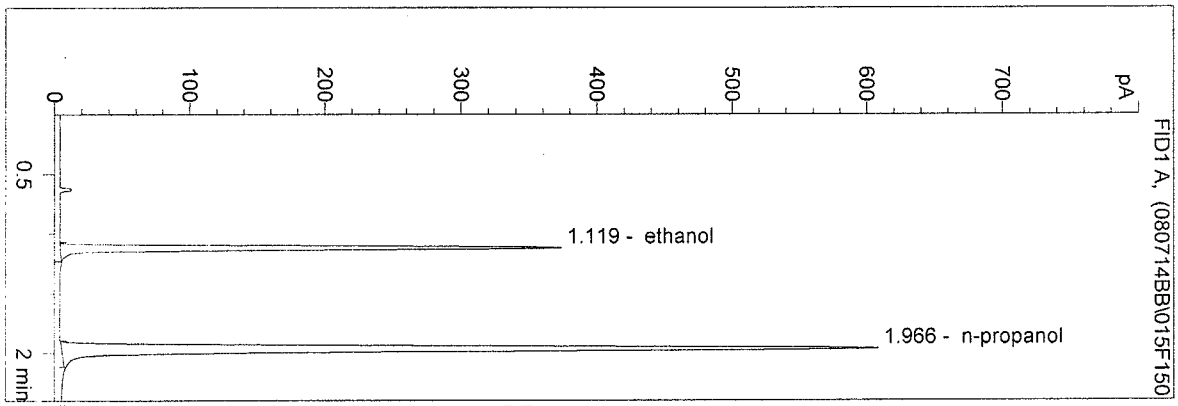
BB 7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:36:28 PM
Instrument 5
DB-ALC2

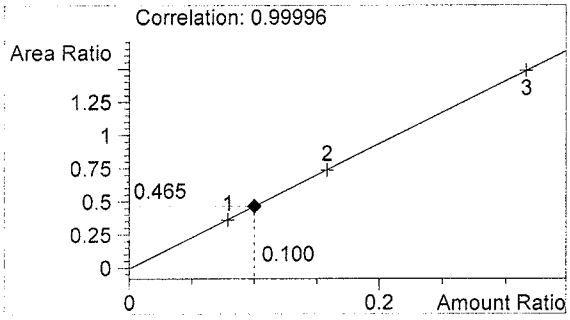
QA08034-3bb
BRITTANY BALL

vial # 15

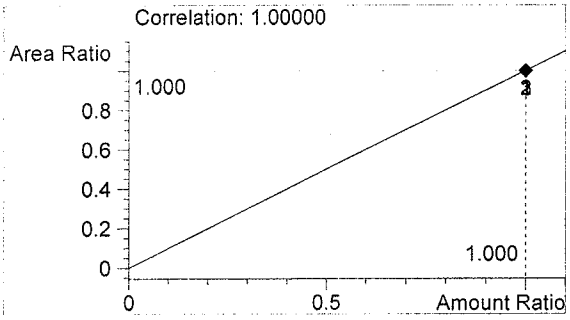


#	Compound	Area	RT
1	ethanol	873	1.119
2	n-propanol	1877	1.966

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

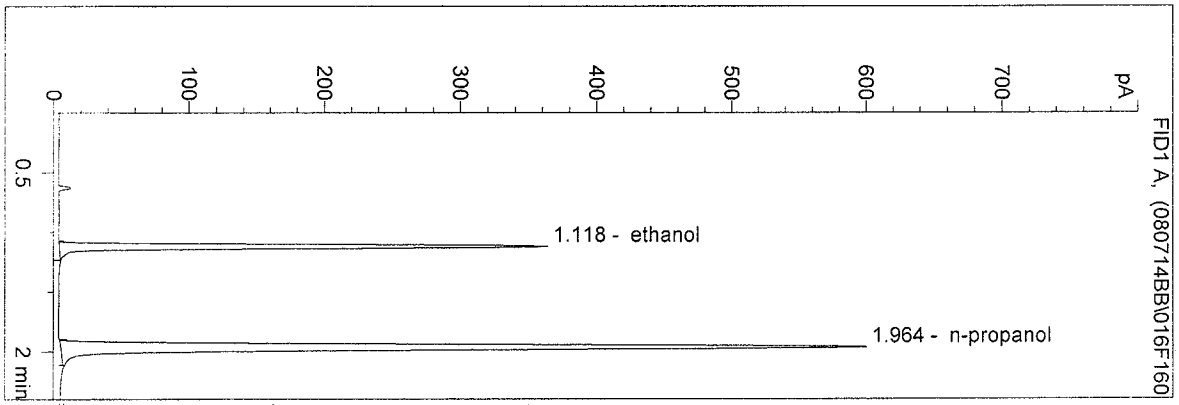
BB 7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:39:51 PM
Instrument 5
DB-ALC2

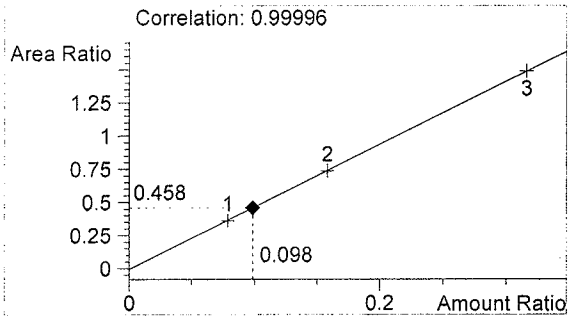
QA08034-4bb
BRITTANY BALL

vial # 16

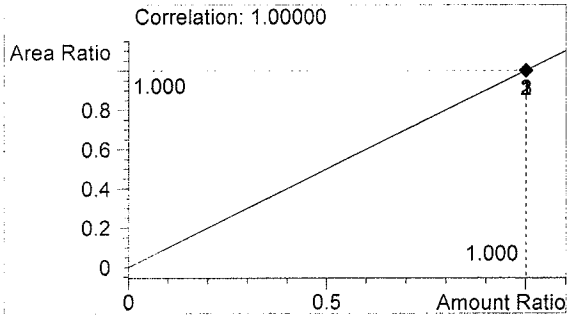


#	Compound	Area	RT
1	ethanol	848	1.118
2	n-propanol	1853	1.964

Totals:



ethanol 0.098 g/100ml



n-propanol 1.000 g/100ml

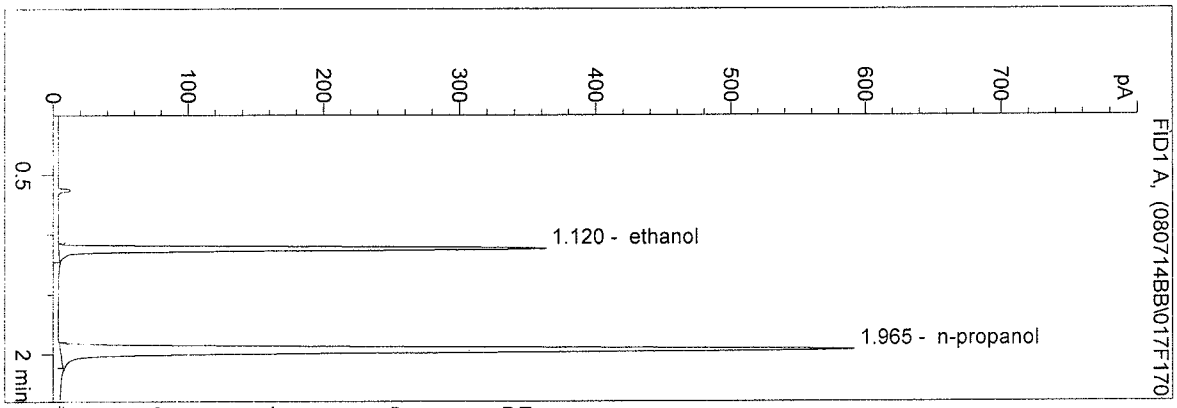
BB
7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:44:53 PM
Instrument 5
DB-ALC2

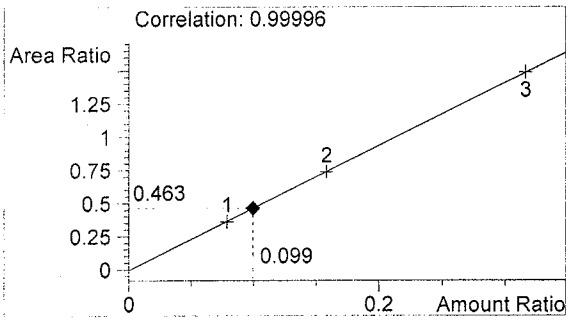
QA08034-5bb
BRITTANY BALL

vial # 17

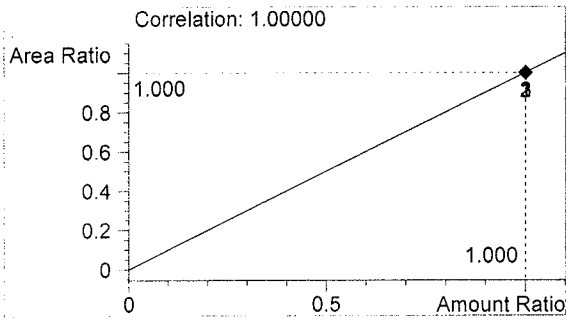


#	Compound	Area	RT
1	ethanol	842	1.120
2	n-propanol	1820	1.965

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

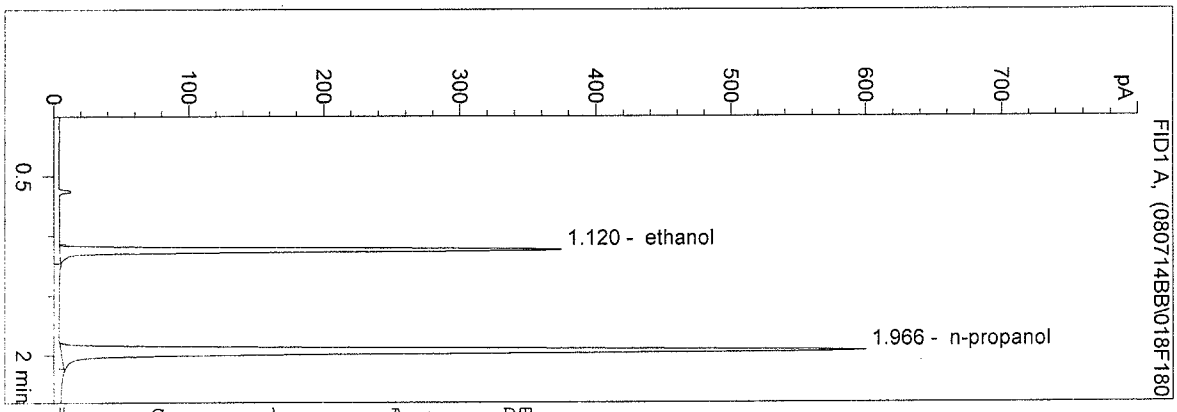
BB 7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:48:17 PM
Instrument 5
DB-ALC2

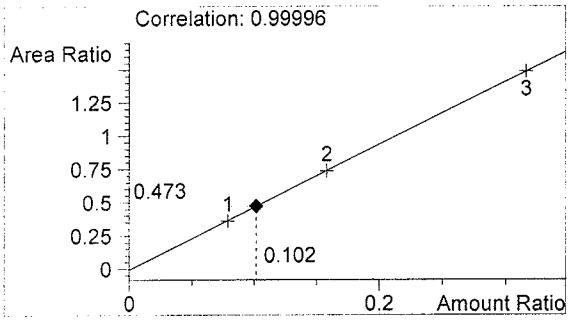
0.10 CONTROL-BB
BRITTANY BALL

vial # 18

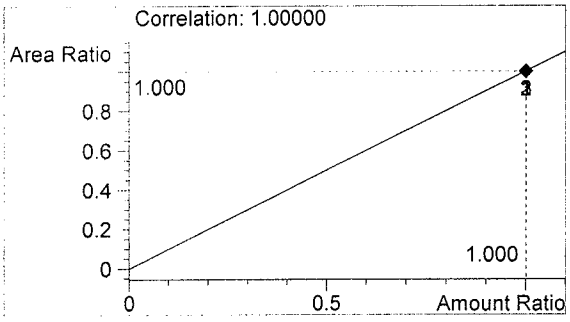


#	Compound	Area	RT
1	ethanol	875	1.120
2	n-propanol	1852	1.966

Totals:



ethanol 0.102 g/100ml



n-propanol 1.000 g/100ml

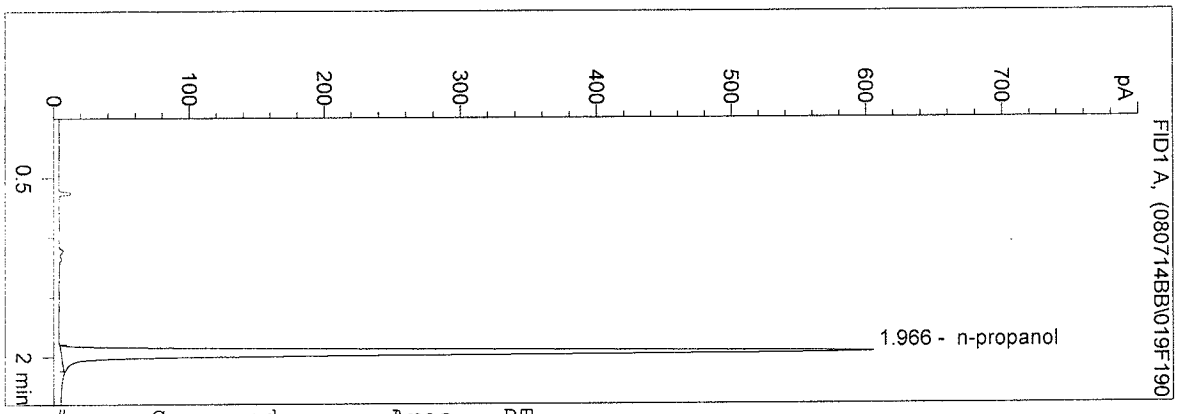
BB 7/23/08

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/14/2008 4:51:40 PM
Instrument 5
DB-ALC2

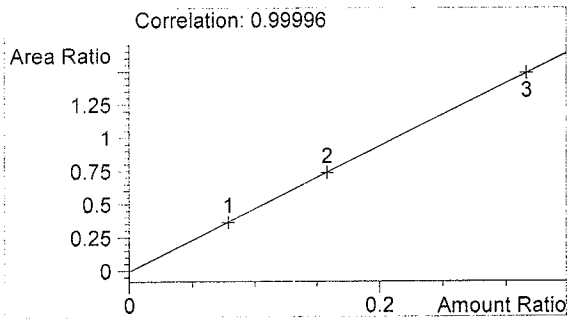
BLANK
BRITTANY BALL

vial # 19

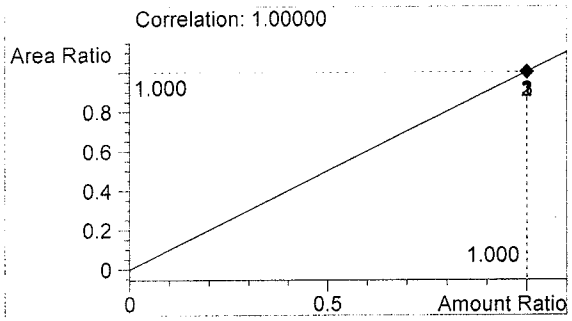


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1867	1.966

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

BB
7/23/08

Sequence Parameters:

Operator:	Brianna Peterson
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	080715BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A056758 - exp 03/2012
0.10 Control - Lot # A056938 - exp 04/2012
0.20 Control - Lot # A055525 - exp 02/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO2	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO2	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO2	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO2	1	Calib		
5	Vial 5	BLANK-BP	BLDALCO2	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	BLDALCO2	1	Sample		
9	Vial 9	0.04 CONTROL-BP	BLDALCO2	1	Ctrl Samp		
10	Vial 10	0.10 CONTROL-BP	BLDALCO2	1	Ctrl Samp		
11	Vial 11	0.20 CONTROL-BP	BLDALCO2	1	Ctrl Samp		
12	Vial 12	BLANK	BLDALCO2	1	Sample		
13	Vial 13	QA 08034-1	BLDALCO2	1	Sample		
14	Vial 14	QA 08034-2	BLDALCO2	1	Sample		
15	Vial 15	QA 08034-3	BLDALCO2	1	Sample		
16	Vial 16	QA 08034-4	BLDALCO2	1	Sample		
17	Vial 17	QA 08034-5	BLDALCO2	1	Sample		
18	Vial 18	0.10 CONTROL-BP	BLDALCO2	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

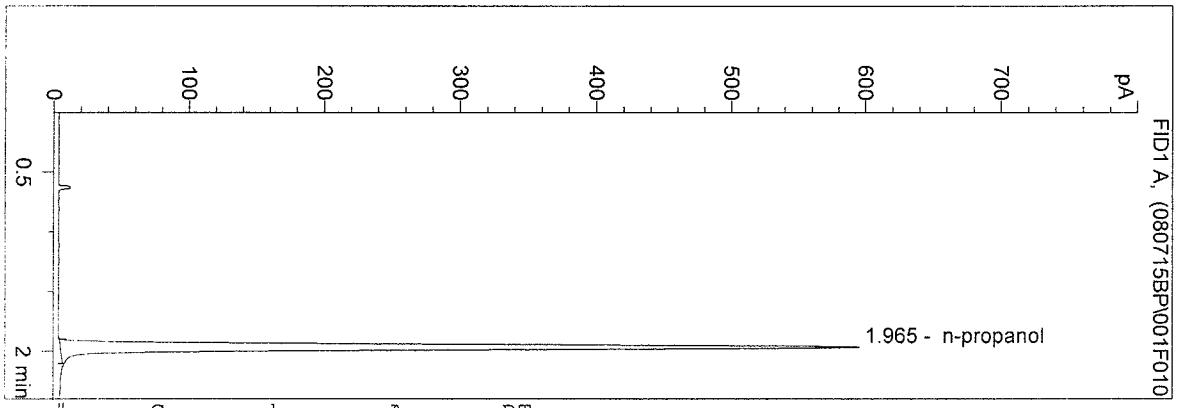
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 9:15:15 AM
Instrument 5
DB-ALC2

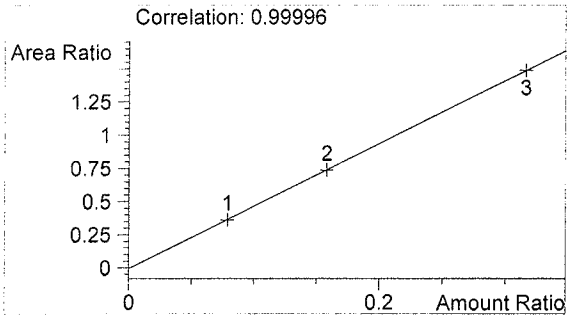
BLANK
Brianna Peterson

vial # 1

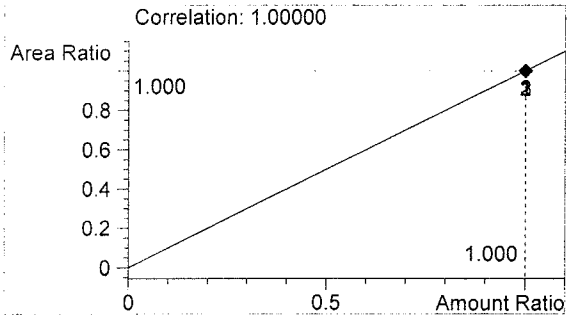


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1832	1.965

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

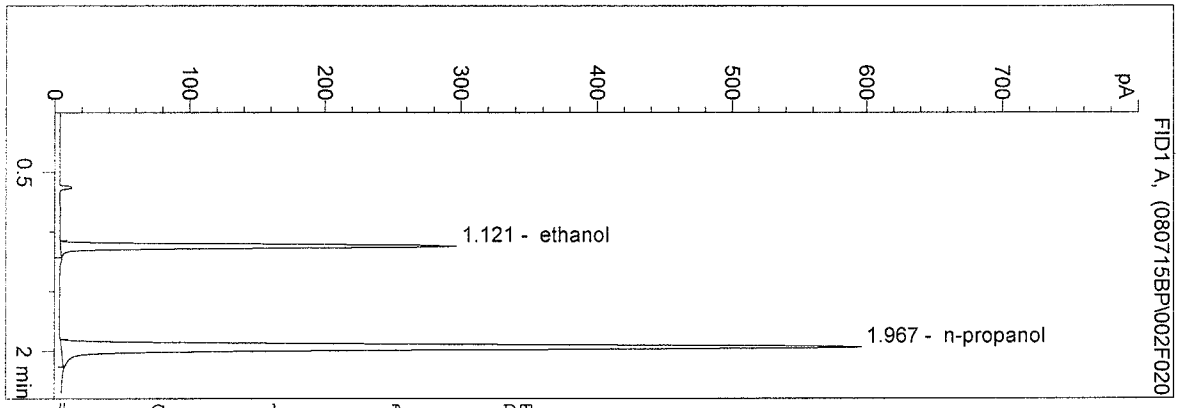
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 9:18:38 AM
Instrument 5
DB-ALC2

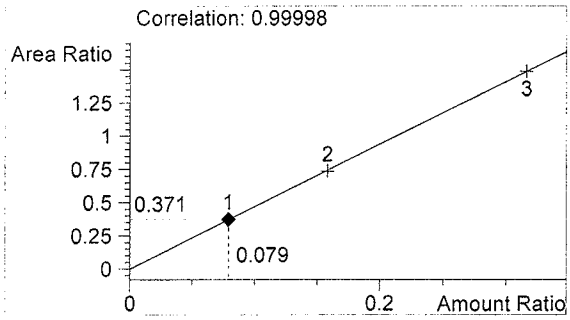
0.079 CAL
Brianna Peterson

vial # 2

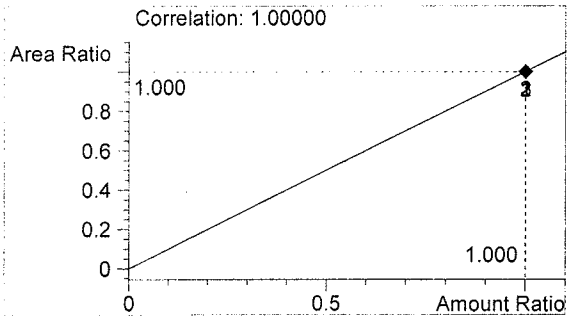


#	Compound	Area	RT
1	ethanol	681	1.121
2	n-propanol	1833	1.967

Totals:



ethanol 0.079 g/100ml



n-propanol 1.000 g/100ml

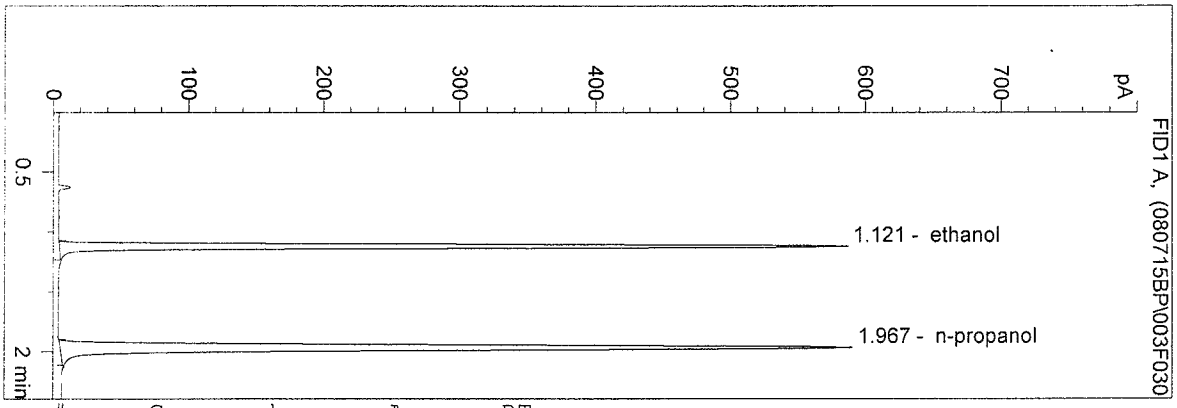
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 9:22:02 AM
Instrument 5
DB-ALC2

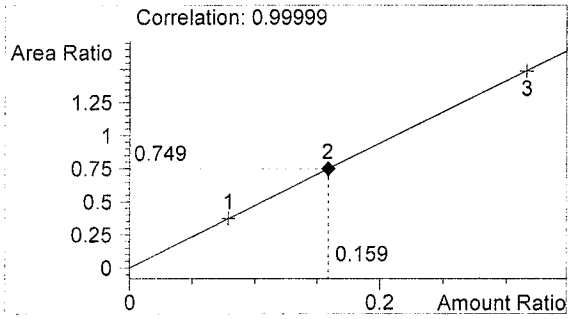
0.158 CAL
Brianna Peterson

vial # 3

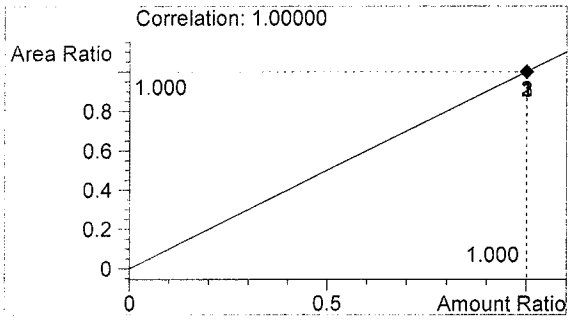


#	Compound	Area	RT
1	ethanol	1359	1.121
2	n-propanol	1815	1.967

Totals:



ethanol 0.159 g/100ml



n-propanol 1.000 g/100ml

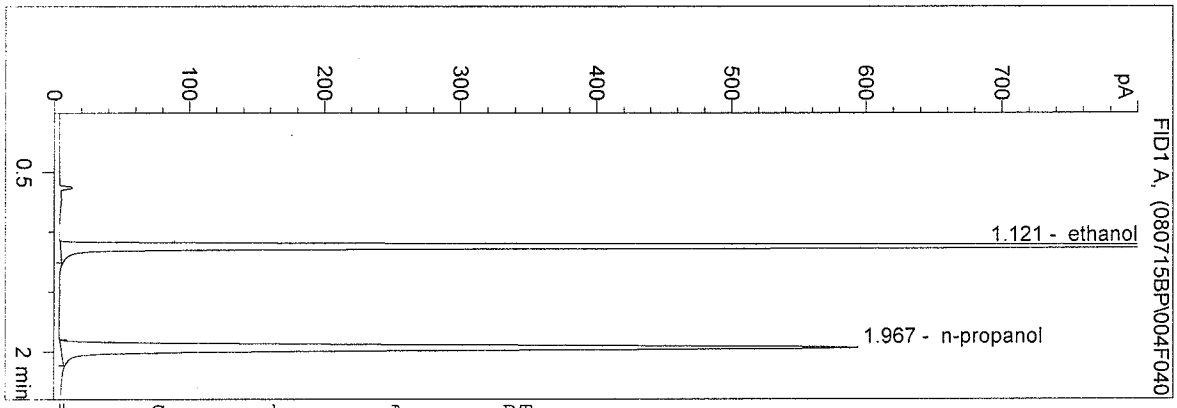
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 9:27:03 AM
Instrument 5
DB-ALC2

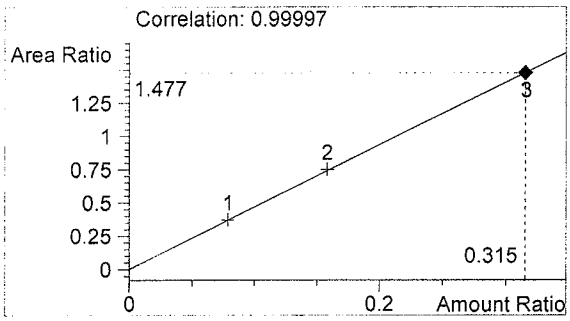
0.316 CAL
Brianna Peterson

vial # 4

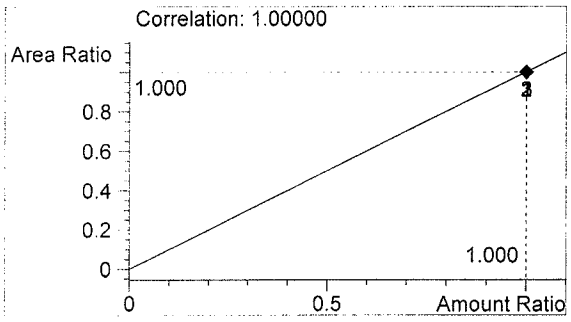


#	Compound	Area	RT
1	ethanol	2689	1.121
2	n-propanol	1821	1.967

Totals:



ethanol 0.315 g/100ml



n-propanol 1.000 g/100ml

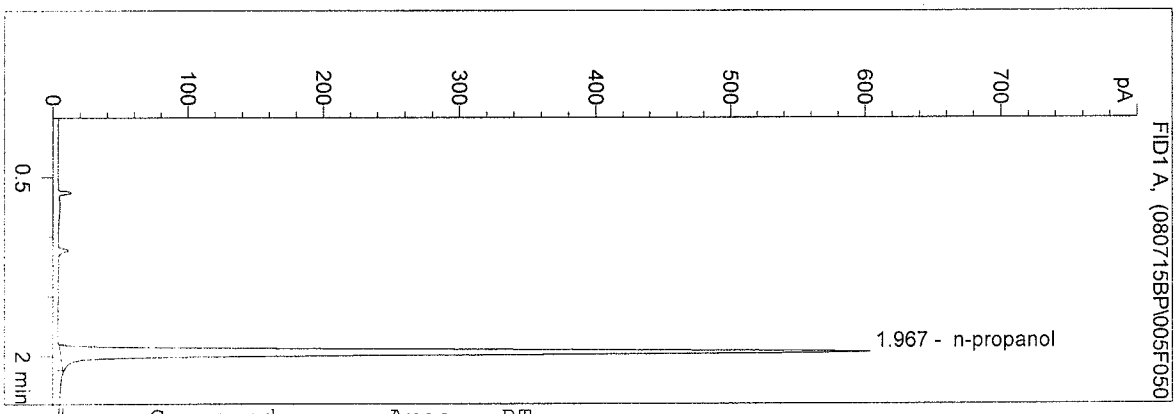
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 9:30:26 AM
Instrument 5
DB-ALC2

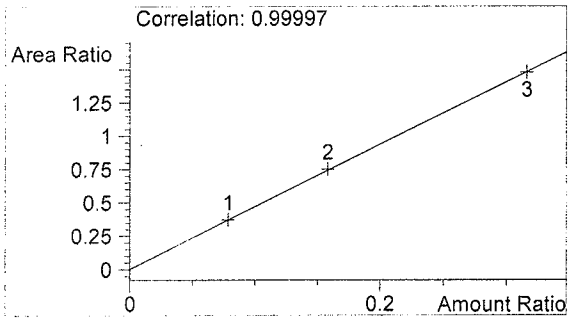
BLANK-BP
Brianna Peterson

vial # 5

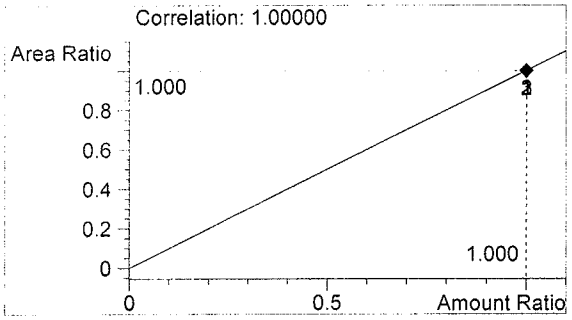


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1855	1.967

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

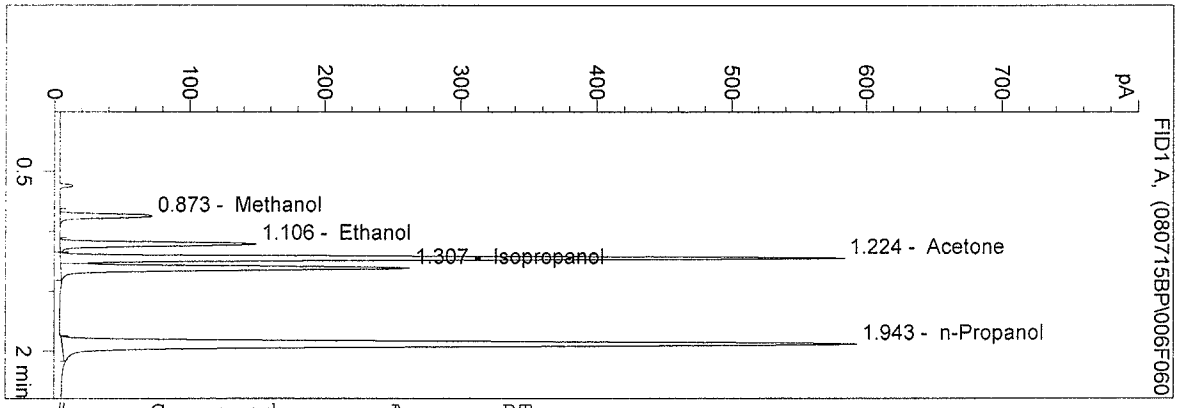
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M
7/15/2008 9:42:57 AM
Instrument 5
DB-ALC2

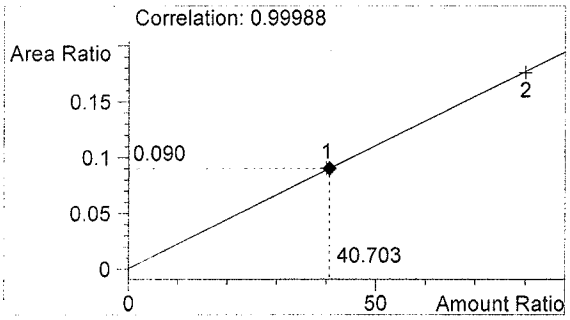
0.04 MIX
Brianna Peterson

vial # 6

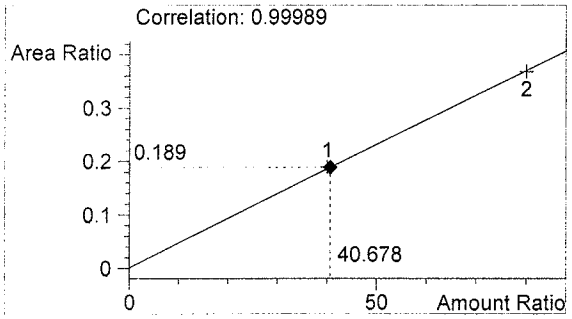


#	Compound	Area	RT
1	Methanol	163	0.873
2	Ethanol	340	1.106
3	Acetone	1239	1.224
4	Isopropanol	645	1.307
5	n-Propanol	1803	1.943

Totals:

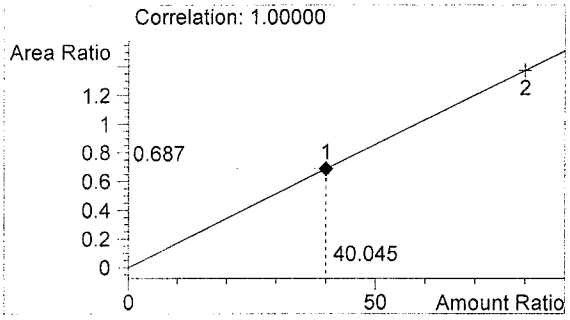


Methanol 40.703 mg/dL



Ethanol 40.678 mg/dL

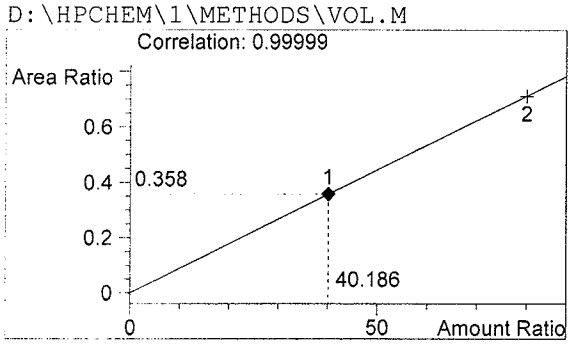
BP



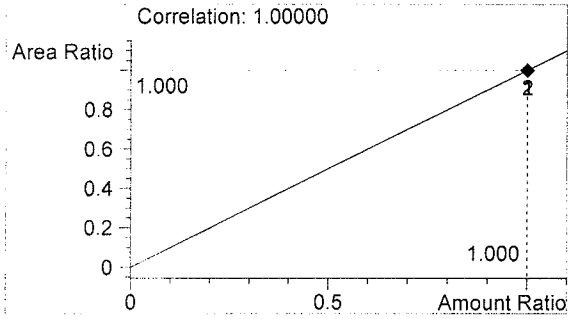
Acetone 40.045 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M



Isopropanol 40.186 mg/dL



n-Propanol 1.000 mg/dL

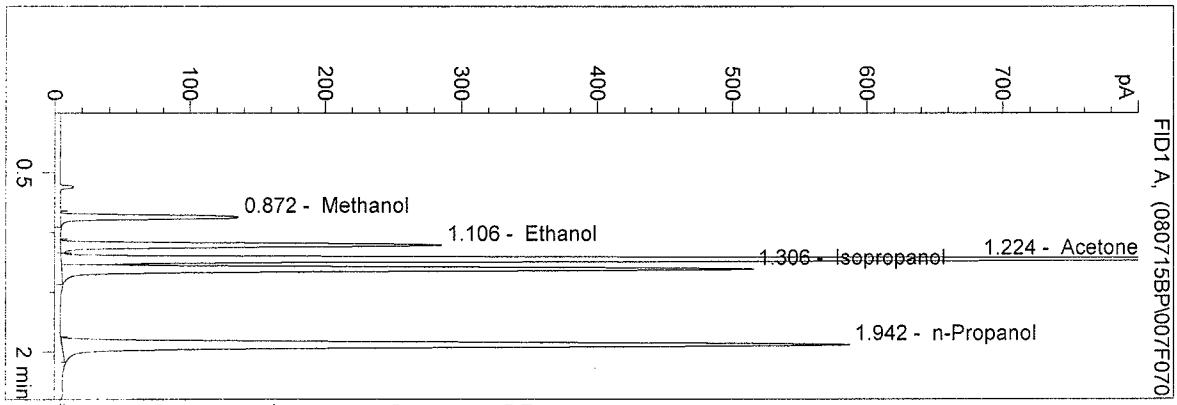
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M
7/15/2008 9:46:27 AM
Instrument 5
DB-ALC2

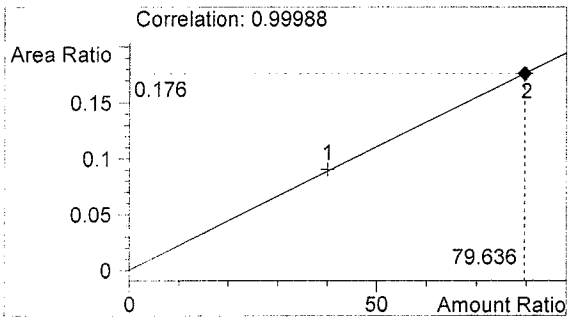
0.08 MIX
Brianna Peterson

vial # 7

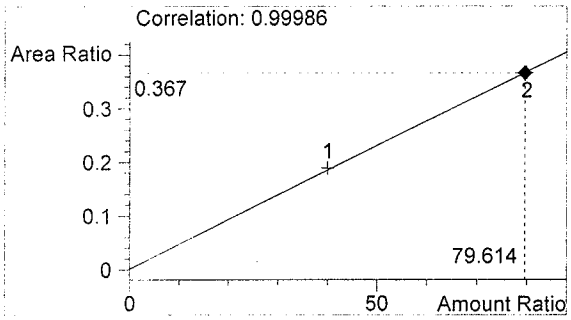


#	Compound	Area	RT
1	Methanol	315	0.872
2	Ethanol	657	1.106
3	Acetone	2439	1.224
4	Isopropanol	1275	1.306
5	n-Propanol	1791	1.942

Totals:

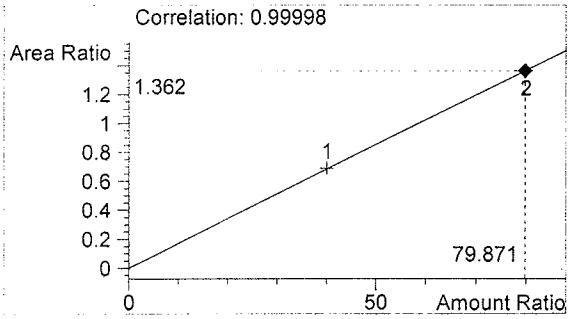


Methanol 79.636 mg/dL



Ethanol 79.614 mg/dL

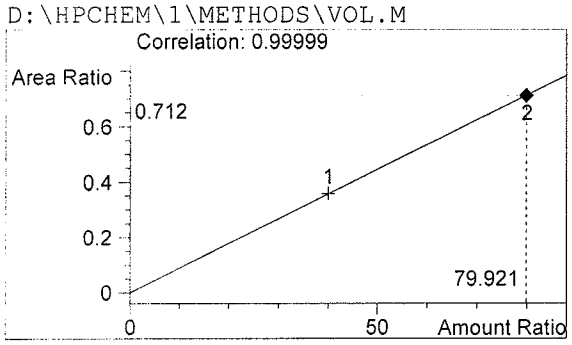
BP



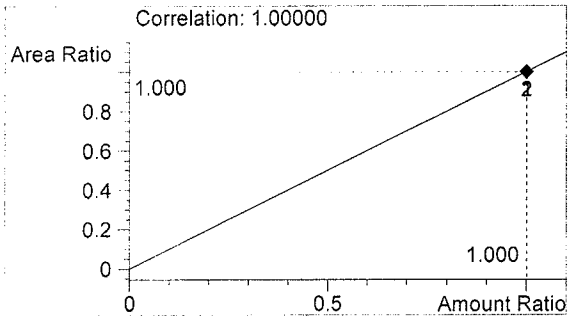
Acetone 79.871 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M



Isopropanol 79.921 mg/dL



n-Propanol 1.000 mg/dL

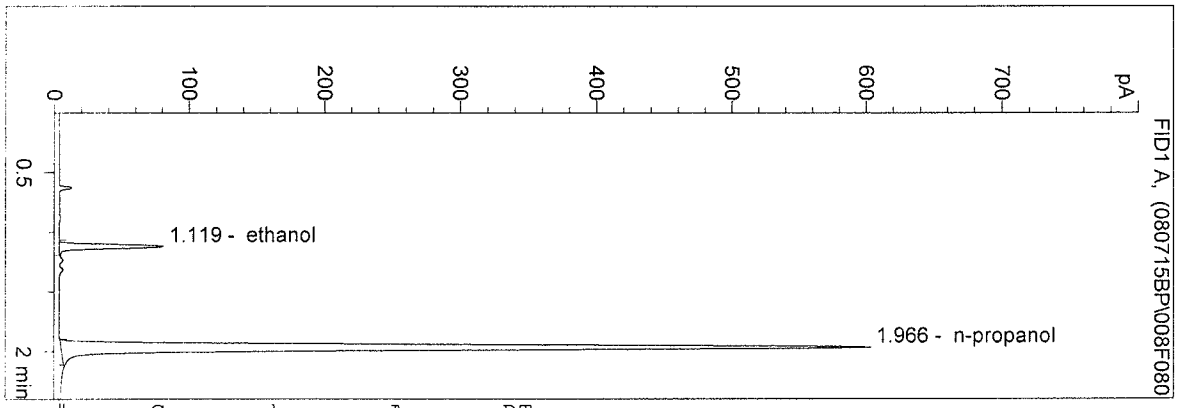
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 9:58:49 AM
Instrument 5
DB-ALC2

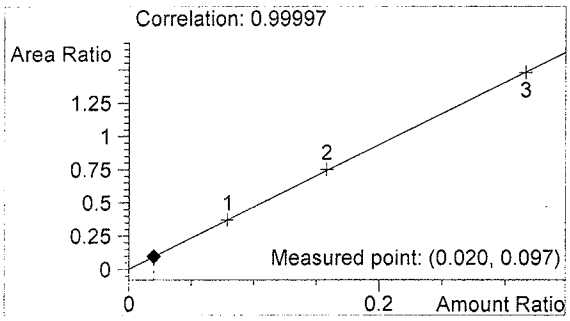
0.02 STD
Brianna Peterson

vial # 8

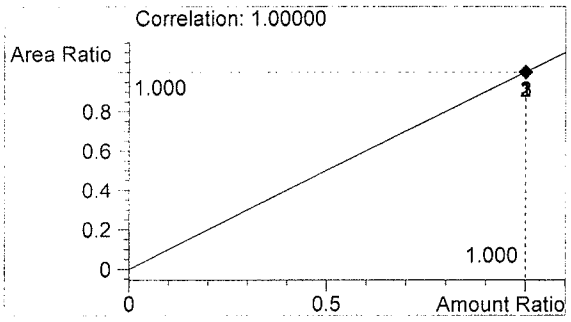


#	Compound	Area	RT
1	ethanol	180	1.119
2	n-propanol	1854	1.966

Totals:



ethanol 0.020 g/100ml



n-propanol 1.000 g/100ml

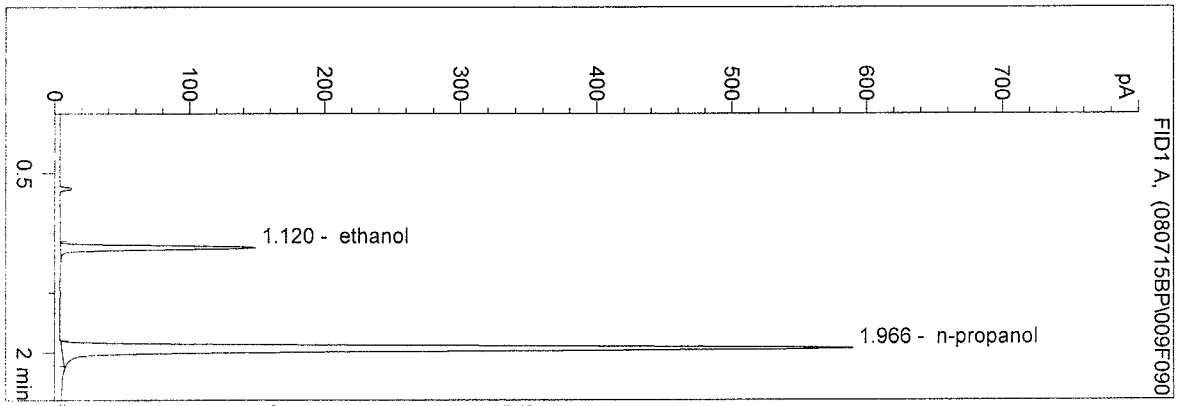
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:02:12 AM
Instrument 5
DB-ALC2

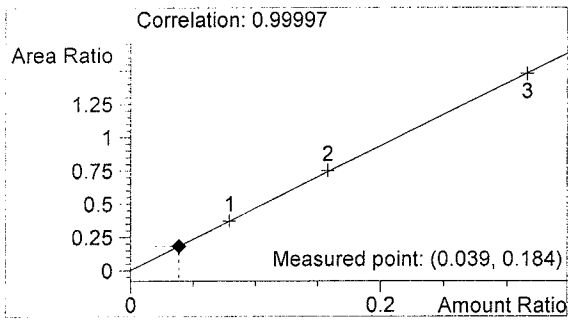
0.04 CONTROL-BP
Brianna Peterson

vial # 9

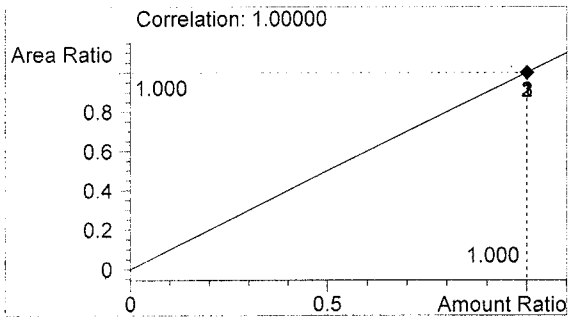


#	Compound	Area	RT
1	ethanol	335	1.120
2	n-propanol	1819	1.966

Totals:



ethanol 0.039 g/100ml



n-propanol 1.000 g/100ml

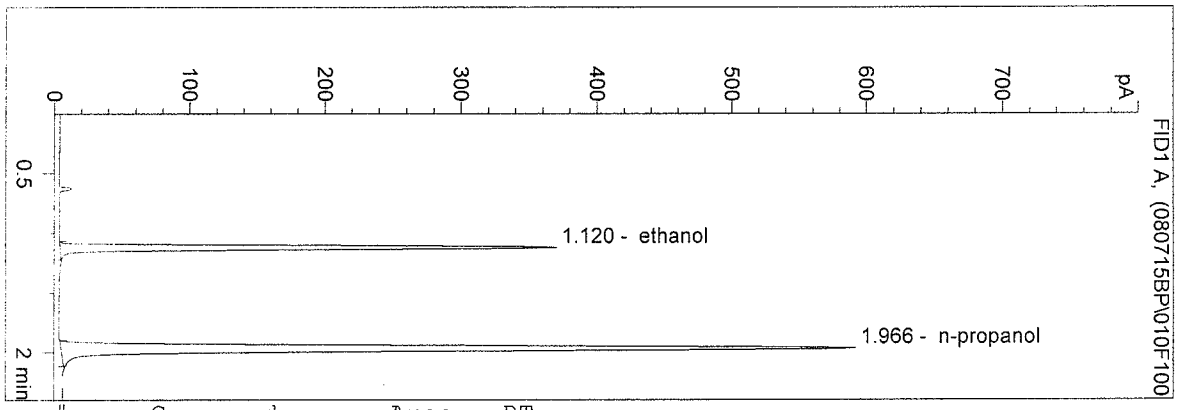
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:05:35 AM
Instrument 5
DB-ALC2

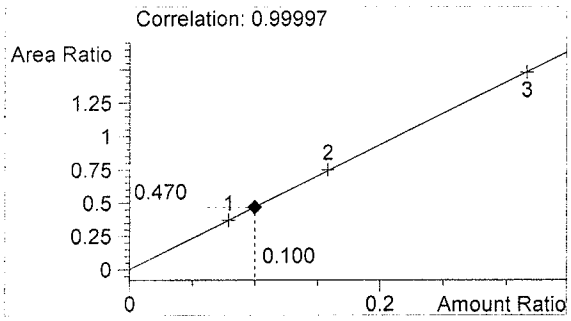
0.10 CONTROL-BP
Brianna Peterson

vial # 10

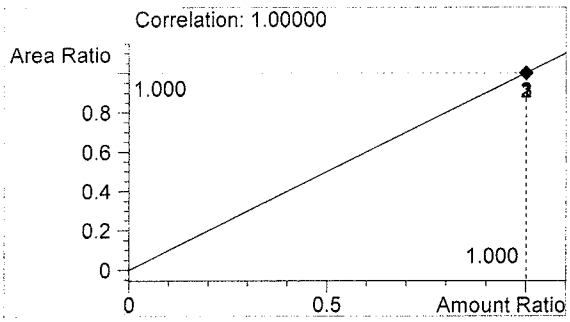


#	Compound	Area	RT
1	ethanol	856	1.120
2	n-propanol	1820	1.966

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

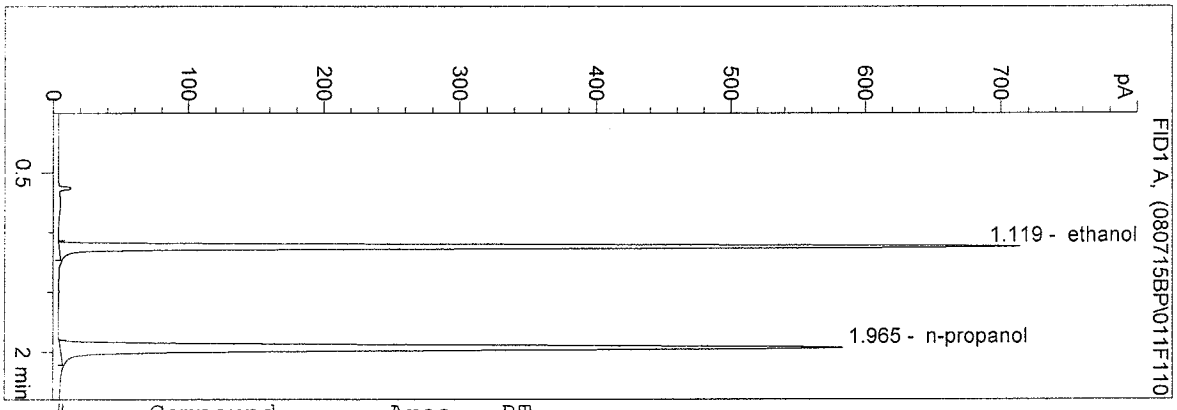
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:10:35 AM
Instrument 5
DB-ALC2

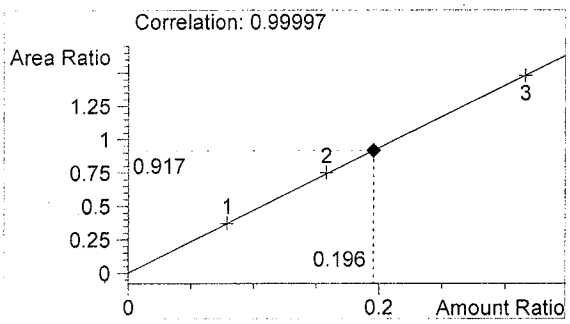
0.20 CONTROL-BP
Brianna Peterson

vial # 11

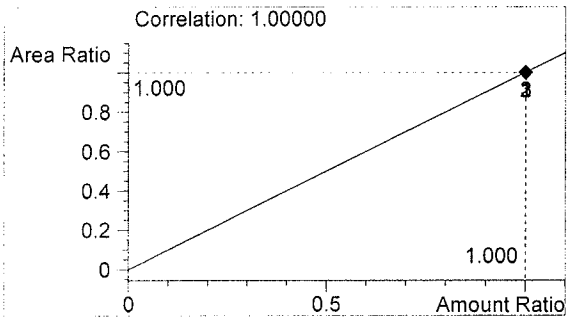


#	Compound	Area	RT
1	ethanol	1645	1.119
2	n-propanol	1794	1.965

Totals:



ethanol 0.196 g/100ml



n-propanol 1.000 g/100ml

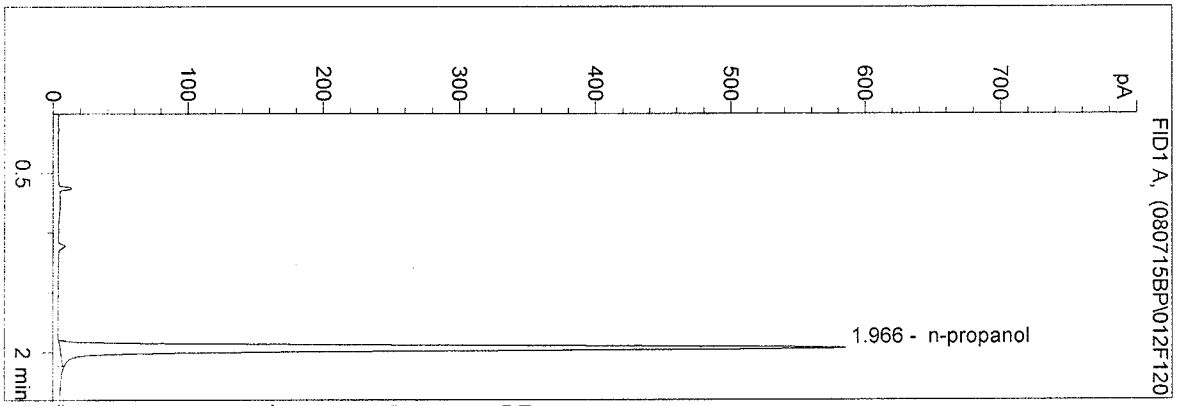
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:13:59 AM
Instrument 5
DB-ALC2

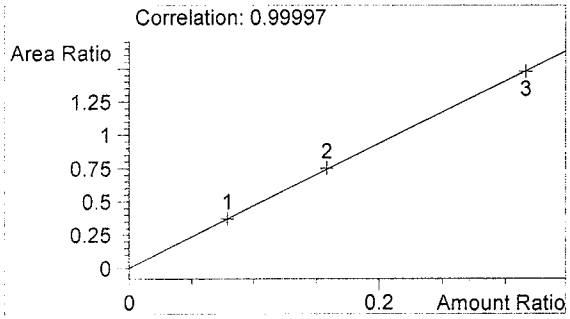
BLANK
Brianna Peterson

vial # 12

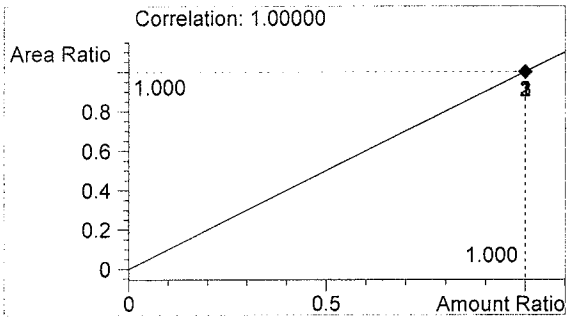


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1802	1.966

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

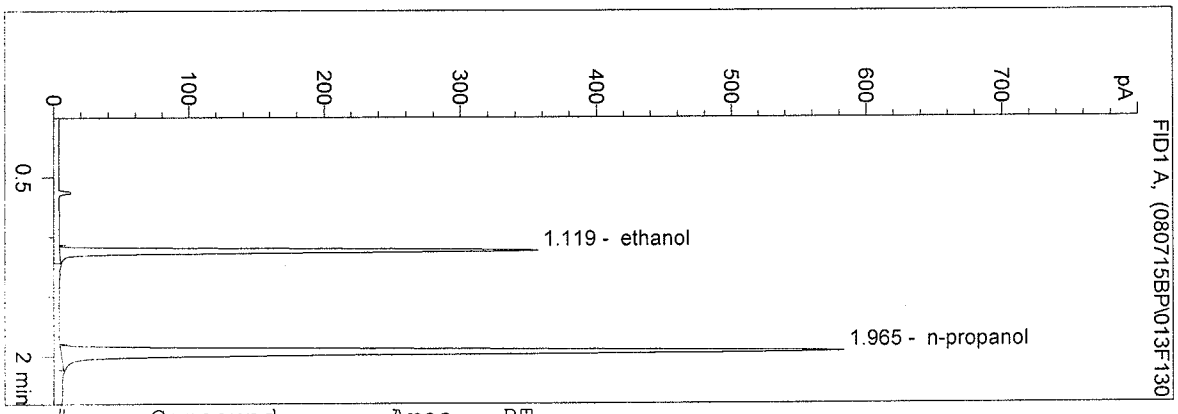
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:17:23 AM
Instrument 5
DB-ALC2

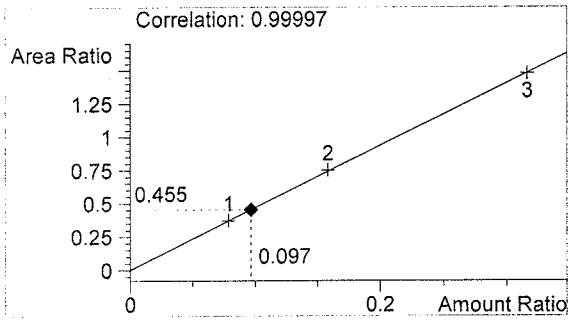
QA 08034-1
Brianna Peterson

vial # 13

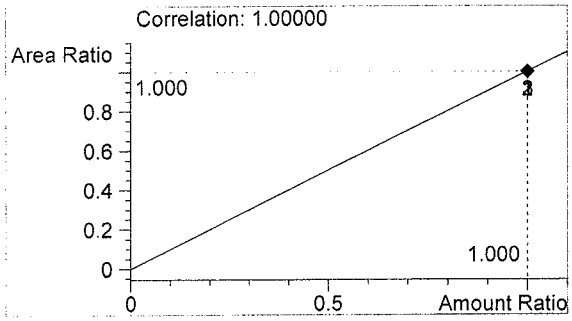


#	Compound	Area	RT
1	ethanol	819	1.119
2	n-propanol	1798	1.965

Totals:



ethanol 0.097 g/100ml



n-propanol 1.000 g/100ml

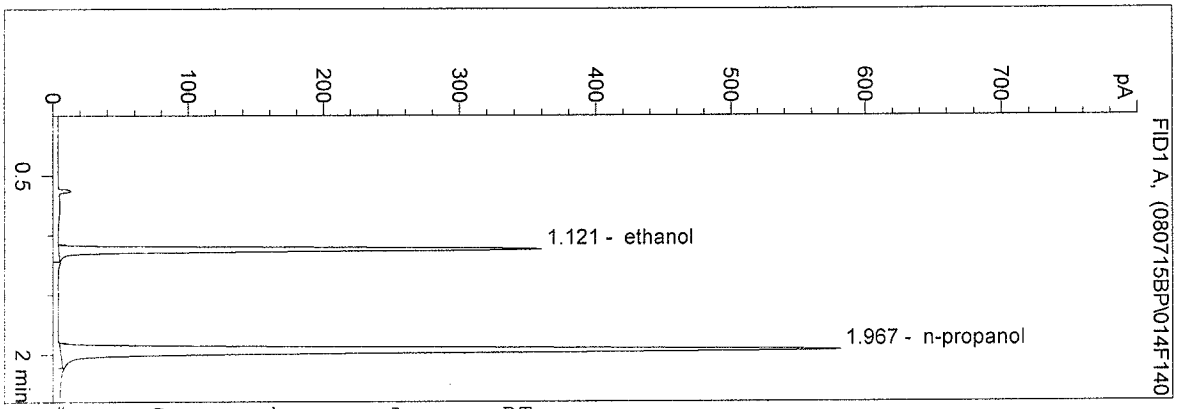
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:22:22 AM
Instrument 5
DB-ALC2

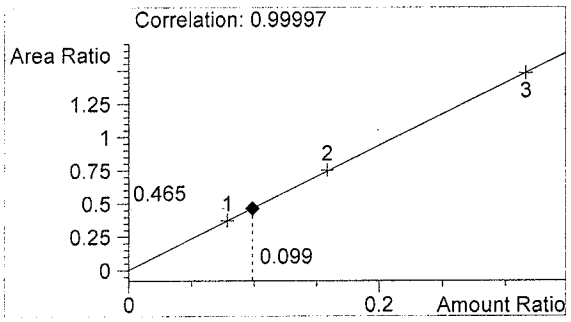
QA 08034-2
Brianna Peterson

vial # 14

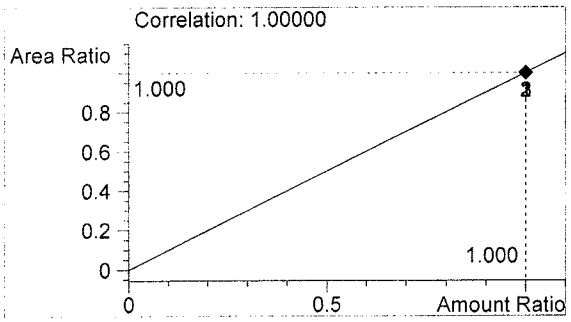


#	Compound	Area	RT
1	ethanol	831	1.121
2	n-propanol	1788	1.967

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

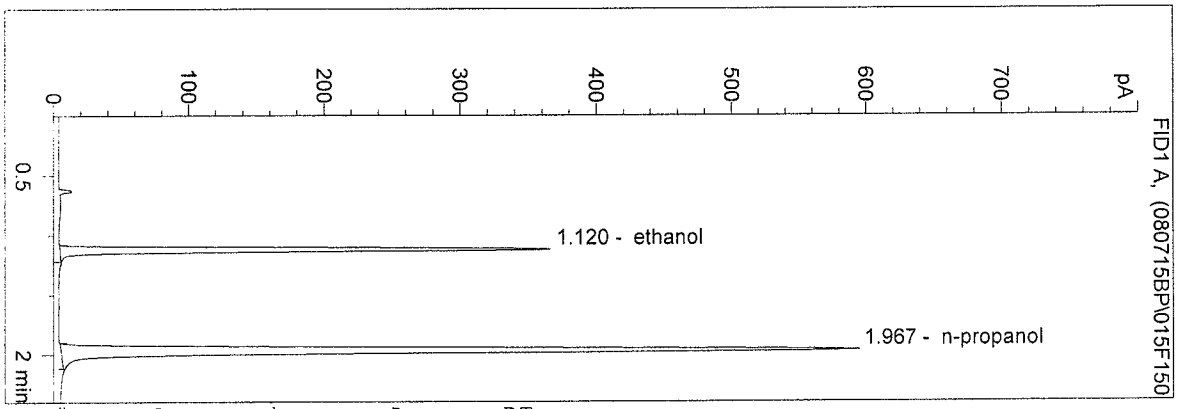
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:25:46 AM
Instrument 5
DB-ALC2

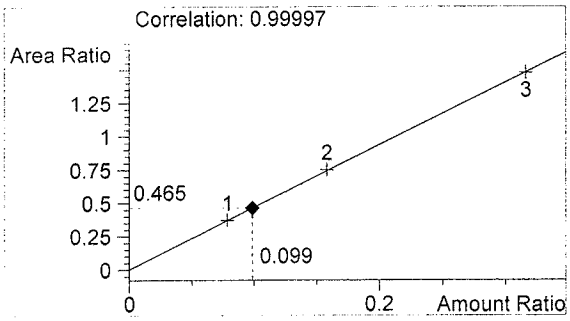
QA 08034-3
Brianna Peterson

vial # 15

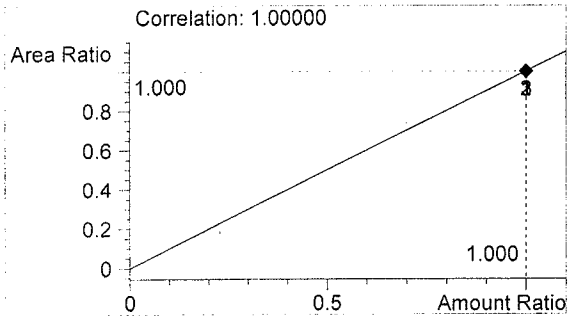


#	Compound	Area	RT
1	ethanol	849	1.120
2	n-propanol	1828	1.967

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

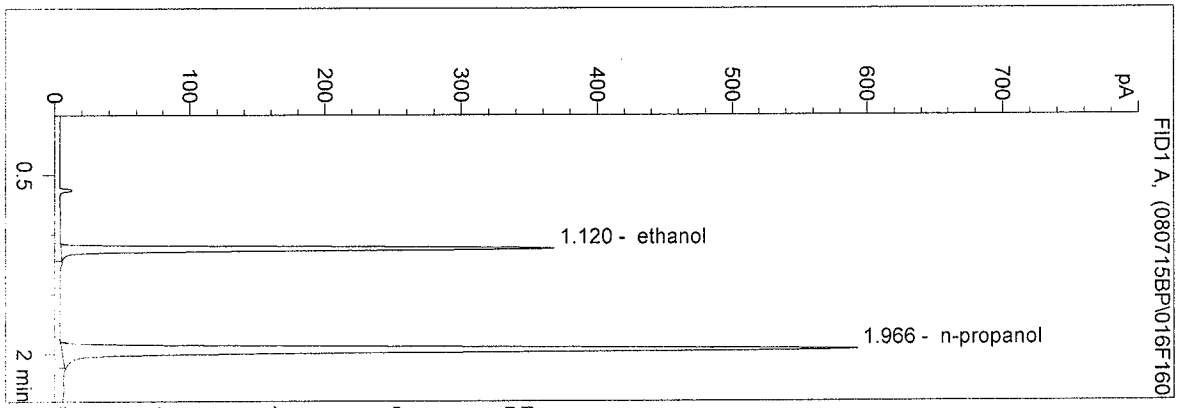
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:29:11 AM
Instrument 5
DB-ALC2

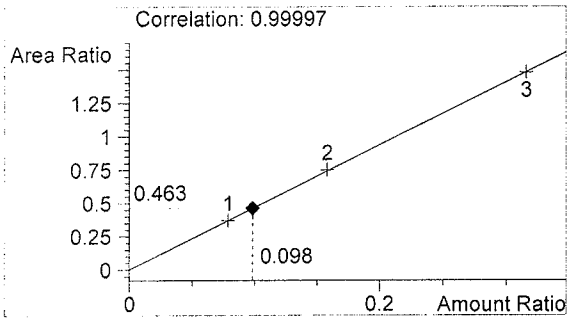
QA 08034-4
Brianna Peterson

vial # 16

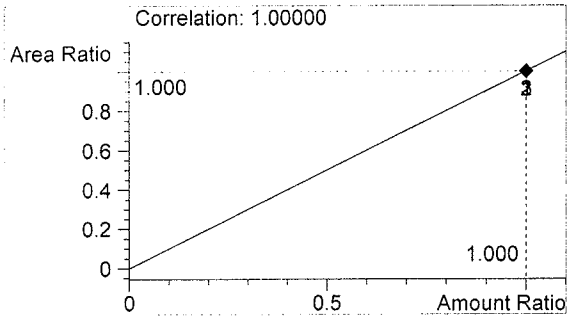


#	Compound	Area	RT
1	ethanol	845	1.120
2	n-propanol	1823	1.966

Totals:



ethanol 0.098 g/100ml



n-propanol 1.000 g/100ml

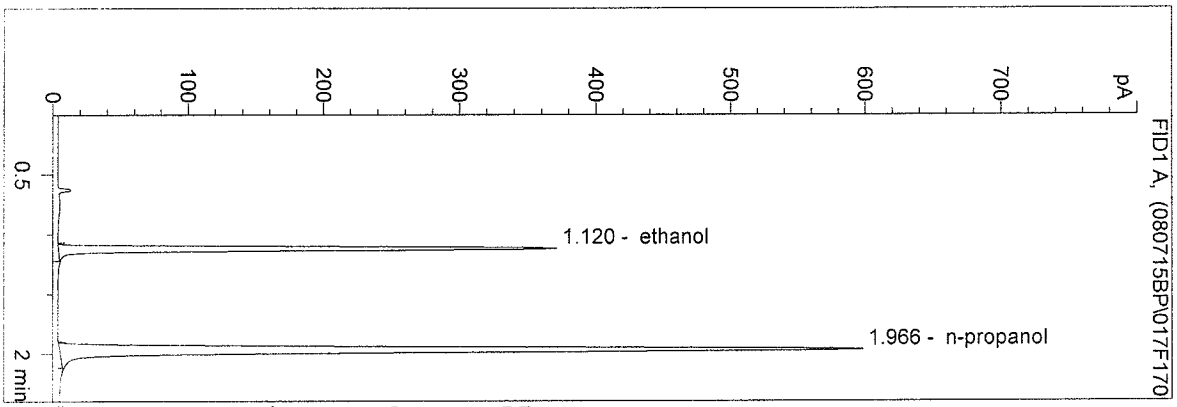
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:34:09 AM
Instrument 5
DB-ALC2

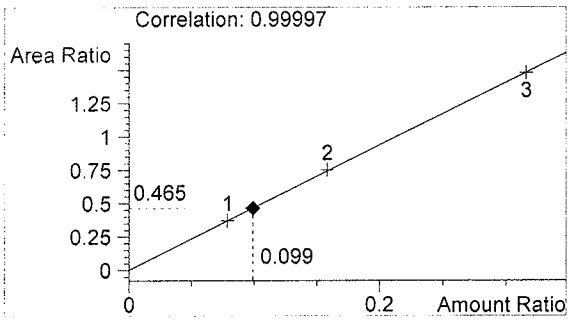
QA 08034-5
Brianna Peterson

vial # 17

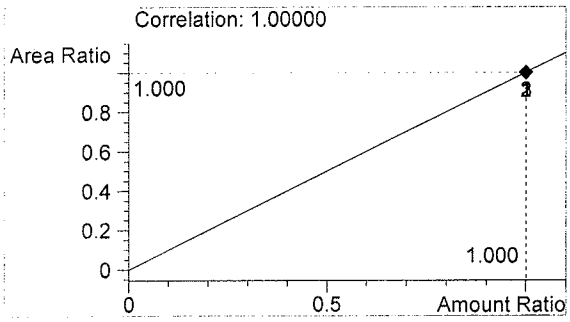


#	Compound	Area	RT
1	ethanol	859	1.120
2	n-propanol	1846	1.966

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

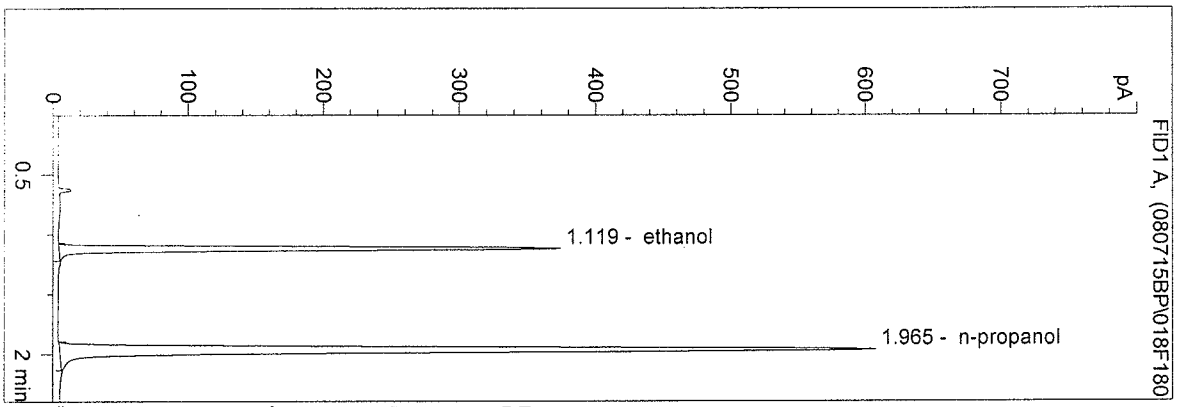
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:37:34 AM
Instrument 5
DB-ALC2

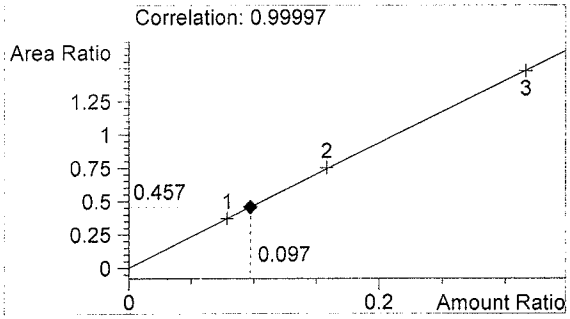
0.10 CONTROL-BP
Brianna Peterson

vial # 18

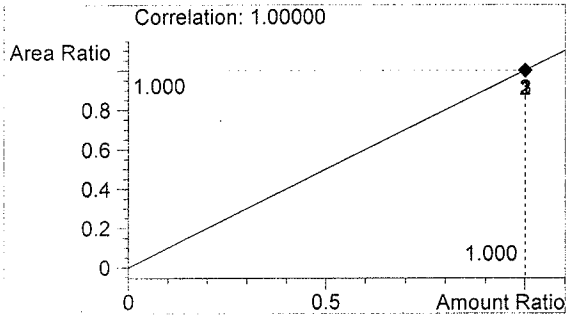


#	Compound	Area	RT
1	ethanol	861	1.119
2	n-propanol	1882	1.965

Totals:



ethanol 0.097 g/100ml



n-propanol 1.000 g/100ml

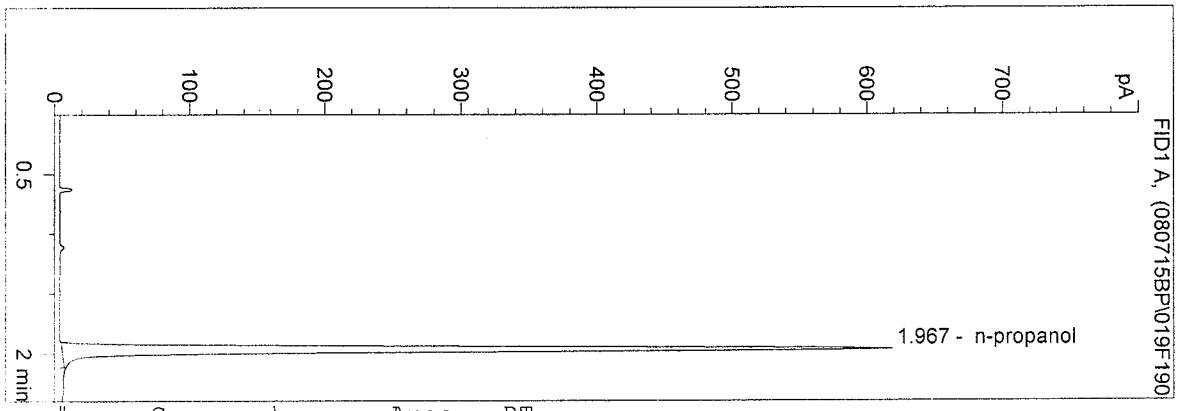
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 10:40:59 AM
Instrument 5
DB-ALC2

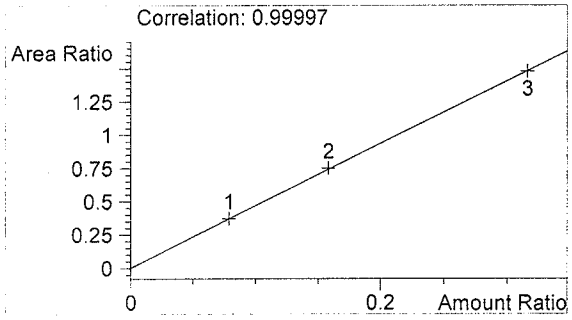
BLANK
Brianna Peterson

vial # 19

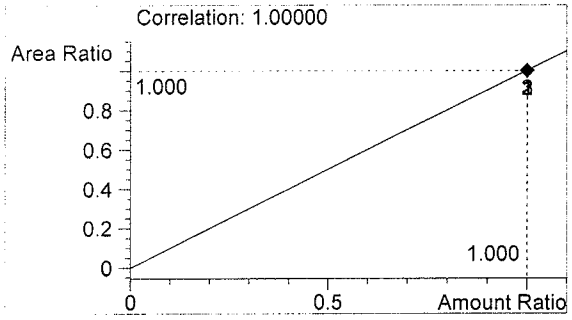


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1900	1.967

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

BP

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	080715JK
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	BLDALCO2	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO2	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO2	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO2	1	Calib		
5	Vial 5	BLANK	BLDALCO2	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	BLDALCO2	1	Sample		
9	Vial 9	0.04 CTRL JK	BLDALCO2	1	Ctrl Samp		
10	Vial 10	0.10 CTRL JK	BLDALCO2	1	Ctrl Samp		
11	Vial 11	0.20 CTRL JK	BLDALCO2	1	Ctrl Samp		
12	Vial 12	BLANK	BLDALCO2	1	Sample		
13	Vial 13	QA 08034-1	BLDALCO2	1	Sample		
14	Vial 14	QA 08034-2	BLDALCO2	1	Sample		
15	Vial 15	QA 08034-3	BLDALCO2	1	Sample		
16	Vial 16	QA 08034-4	BLDALCO2	1	Sample		
17	Vial 17	QA 08034-5	BLDALCO2	1	Sample		
18	Vial 18	0.10 CTRL JK	BLDALCO2	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO2	1	Sample		

A056758 Exp 3/2012
A056938 Exp 4/2012
A055525 Exp 2/2012

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	BLDALCO2	1	Replace	Average	
3	Vial 3	0.158 CAL	BLDALCO2	2	Replace	Average	
4	Vial 4	0.316 CAL	BLDALCO2	3	Replace	Average	
6	Vial 6	0.04 MIX	VOL	1	Replace	Average	
7	Vial 7	0.08 MIX	VOL	2	Replace	Average	

Sequence Table (Back Injector):

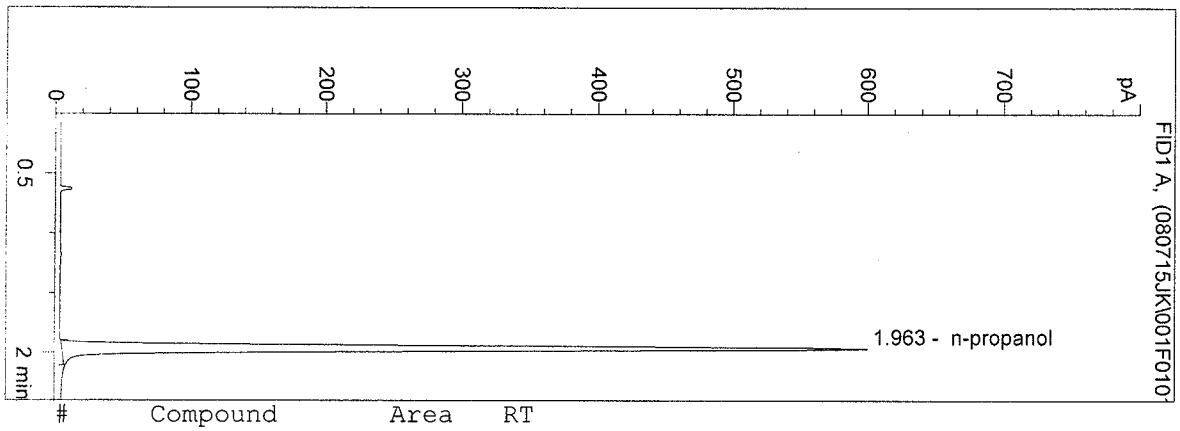
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 1:37:17 PM
Instrument 5
DB-ALC2

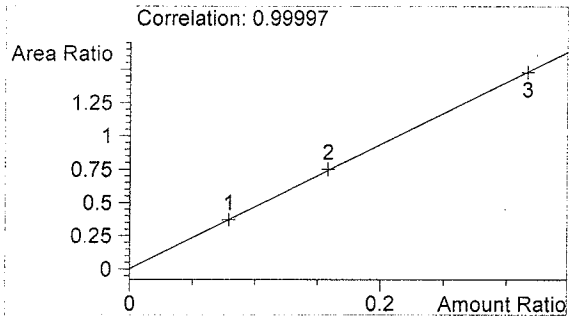
BLANK
Justin Knoy

vial # 1

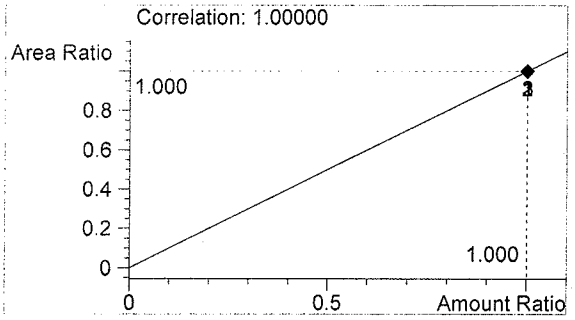


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1839	1.963

Totals:



ethanol 0.000 g/100ml



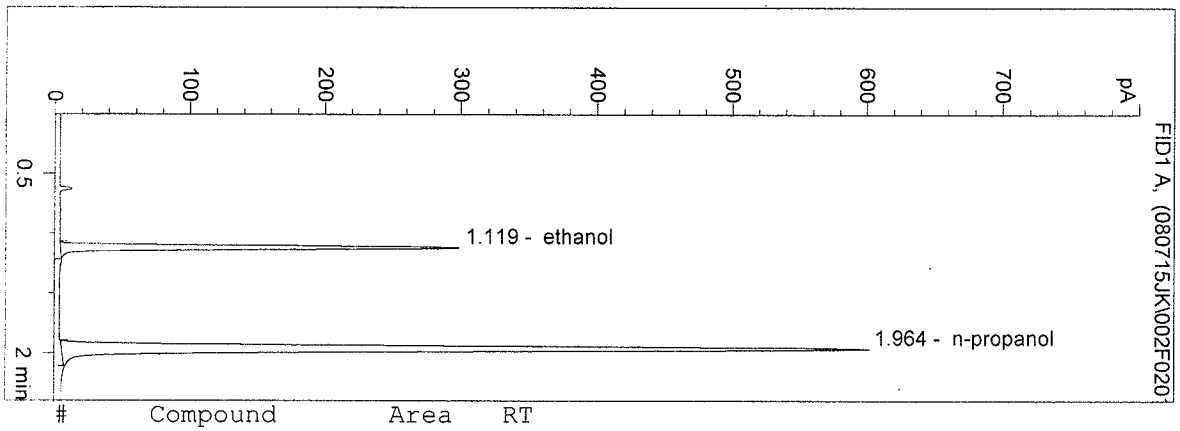
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 1:40:40 PM
Instrument 5
DB-ALC2

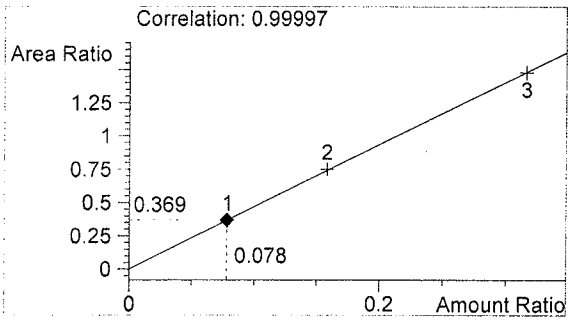
0.079 CAL
Justin Knoy

vial # 2

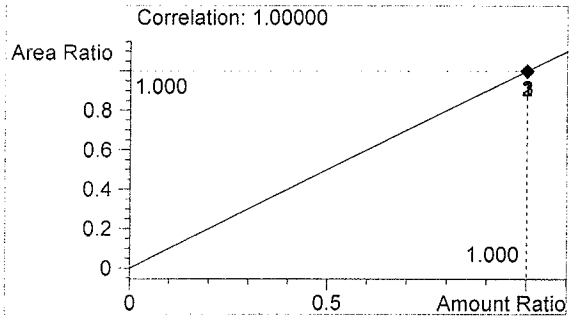


#	Compound	Area	RT
1	ethanol	681	1.119
2	n-propanol	1847	1.964

Totals:



ethanol 0.078 g/100ml



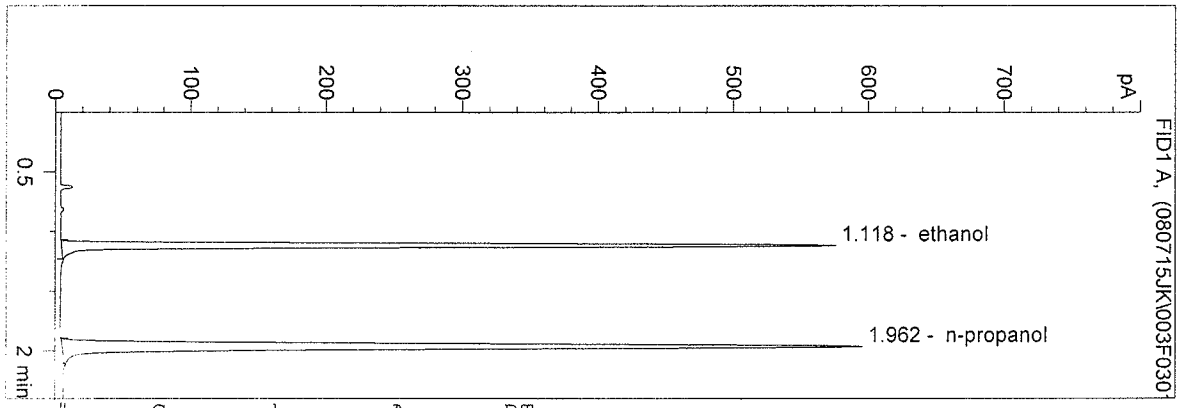
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

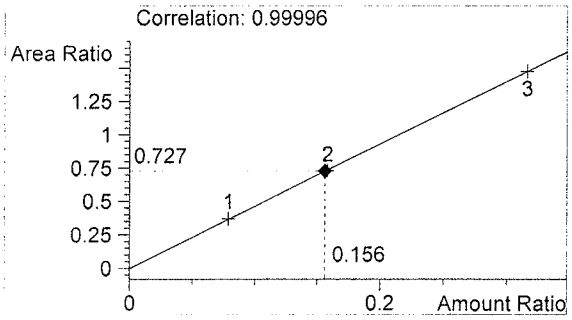
D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 1:44:02 PM
Instrument 5
DB-ALC2

0.158 CAL
Justin Knoy

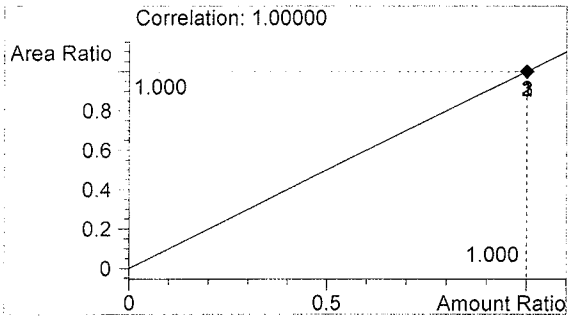
vial # 3



#	Compound	Area	RT
1	ethanol	1332	1.118
2	n-propanol	1833	1.962
Totals:			



ethanol 0.156 g/100ml



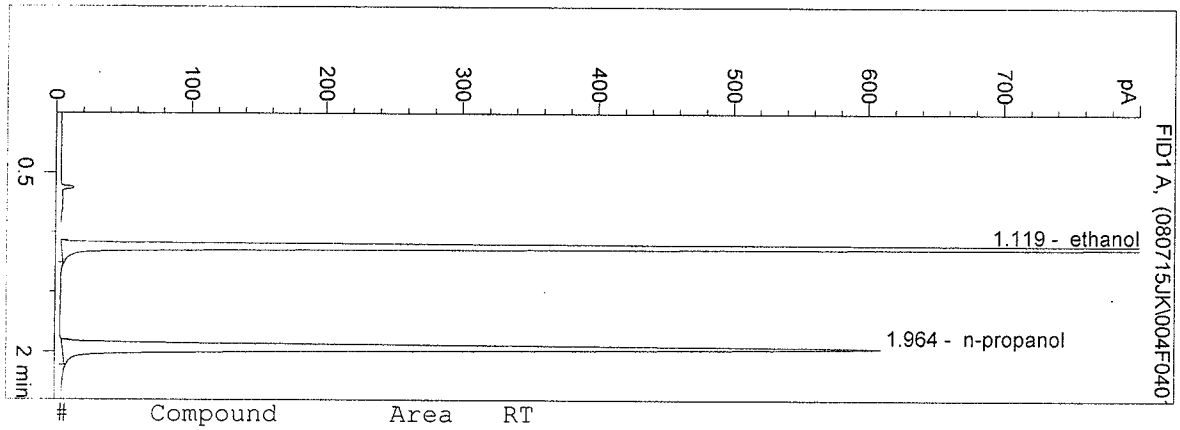
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

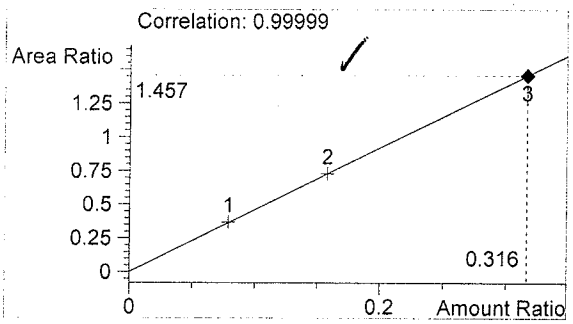
D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 1:49:04 PM
Instrument 5
DB-ALC2

0.316 CAL
Justin Knoy

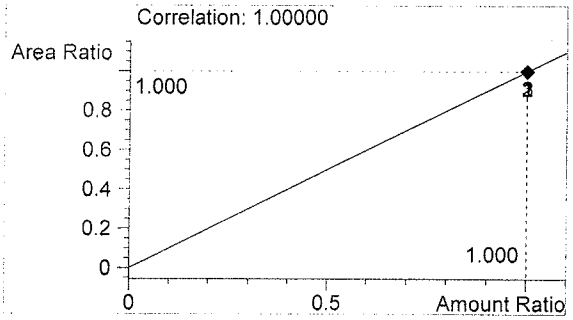
vial # 4



#	Compound	Area	RT
1	ethanol	2728	1.119
2	n-propanol	1872	1.964
Totals:			



ethanol 0.316 g/100ml



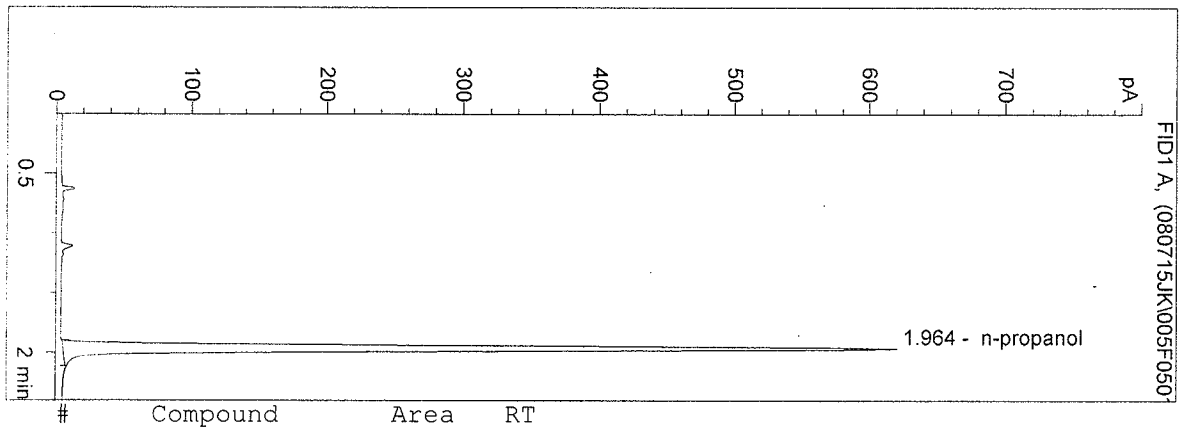
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 1:52:27 PM
Instrument 5
DB-ALC2

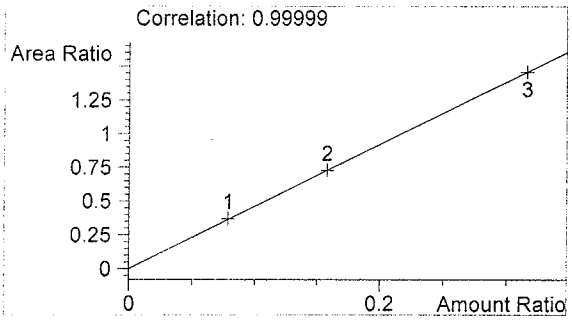
BLANK
Justin Knoy

vial # 5

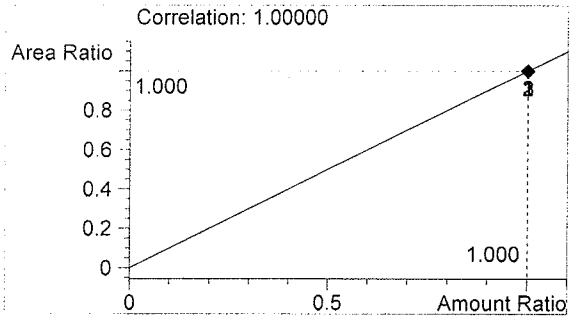


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1918	1.964

Totals:



ethanol 0.000 g/100ml



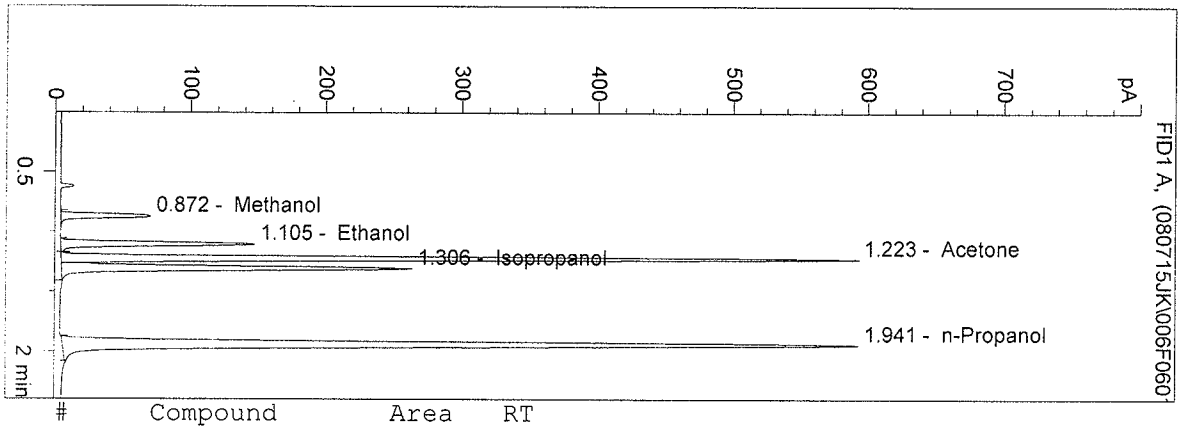
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M
7/15/2008 2:04:52 PM
Instrument 5
DB-ALC2

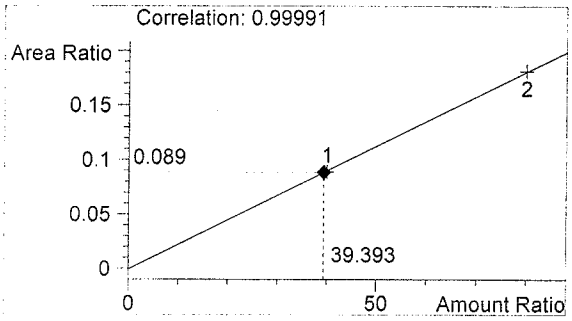
0.04 MIX
Justin Knoy

vial # 6

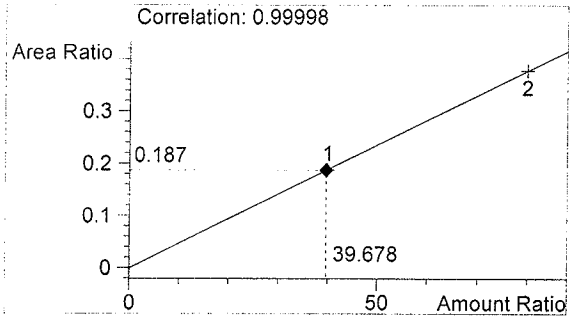


#	Compound	Area	RT
1	Methanol	160	0.872
2	Ethanol	338	1.105
3	Acetone	1262	1.223
4	Isopropanol	649	1.306
5	n-Propanol	1809	1.941

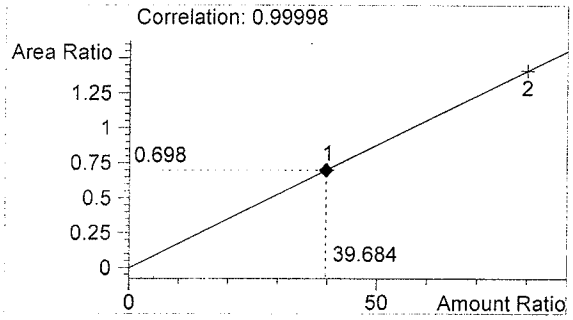
Totals:



Methanol 39.393 mg/dL



Ethanol 39.678 mg/dL



Acetone 39.684 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

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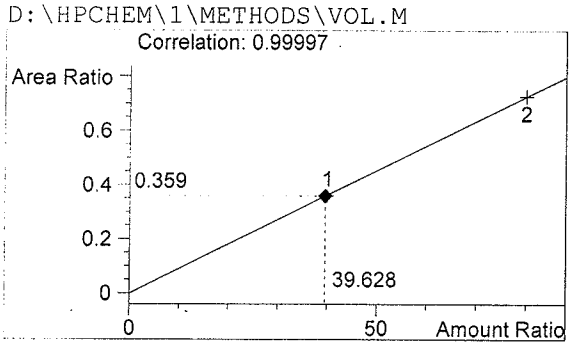
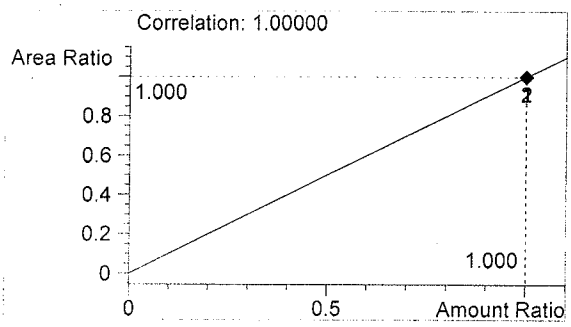


Isopropanol 39.628 mg/dL



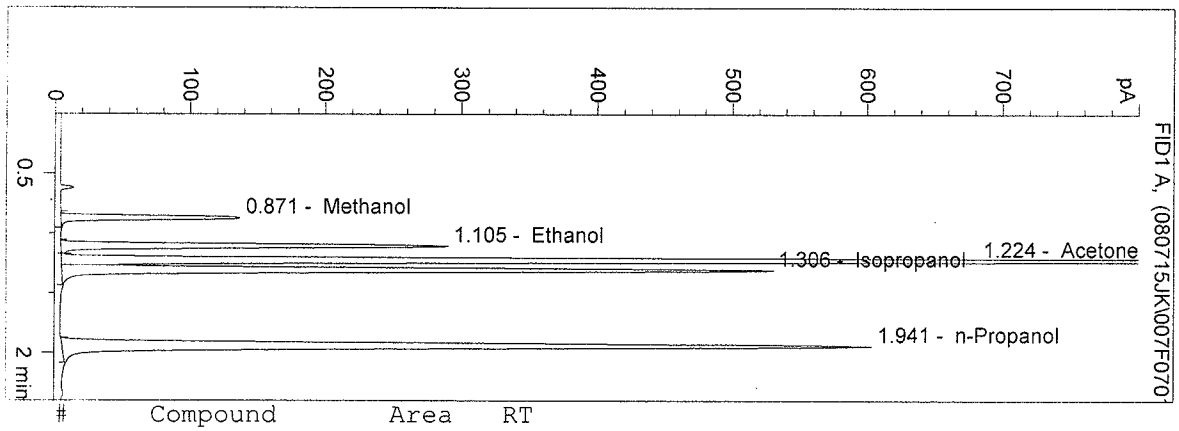
n-Propanol 1.000 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M
7/15/2008 2:08:24 PM
Instrument 5
DB-ALC2

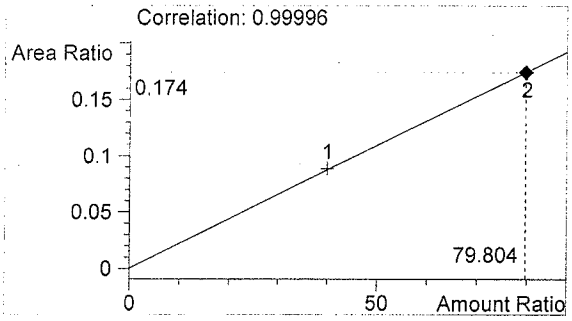
0.08 MIX
Justin Knoy

vial # 7

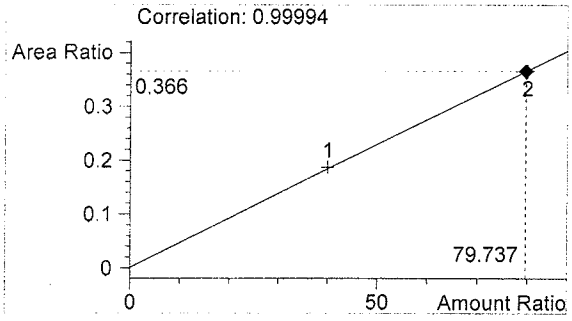


#	Compound	Area	RT
1	Methanol	321	0.871
2	Ethanol	674	1.105
3	Acetone	2534	1.224
4	Isopropanol	1315	1.306
5	n-Propanol	1841	1.941

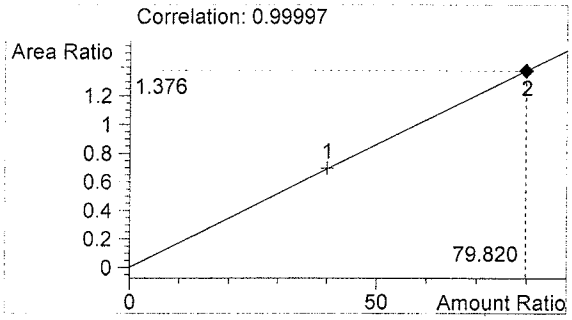
Totals:



Methanol 79.804 mg/dL



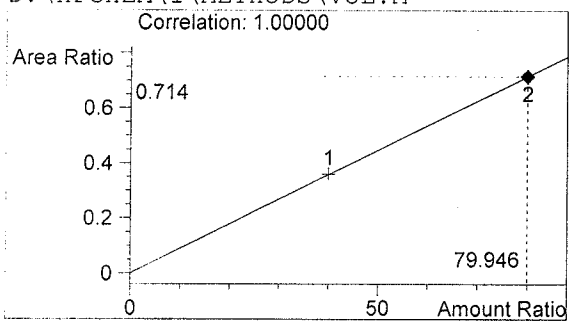
Ethanol 79.737 mg/dL



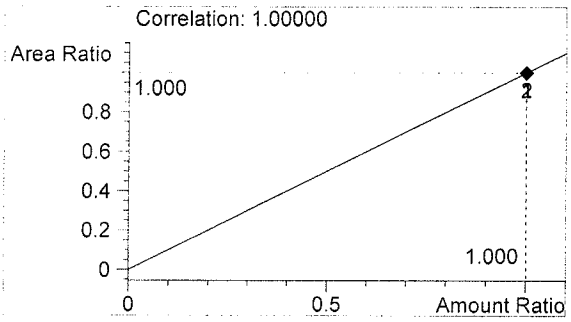
Acetone 79.820 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\VOL.M



Isopropanol 79.946 mg/dL



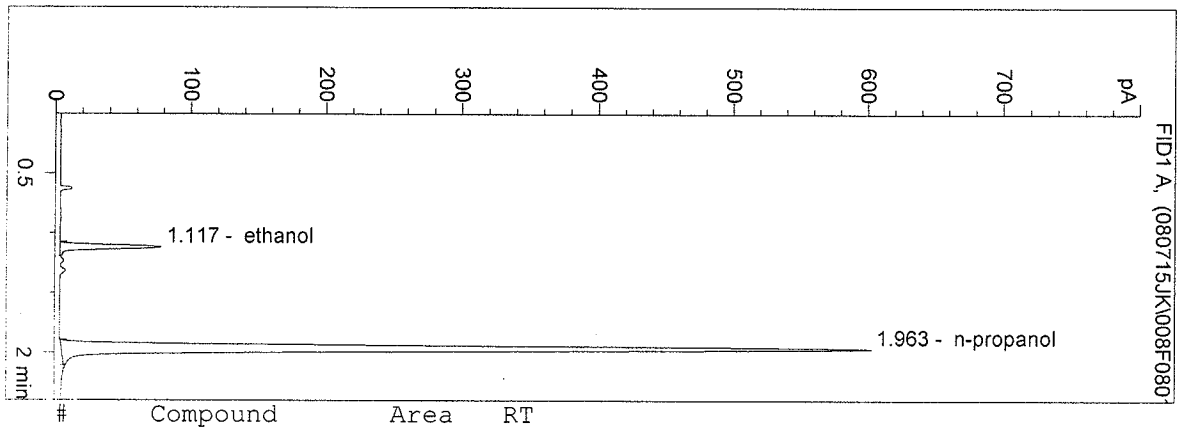
n-Propanol 1.000 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 2:20:45 PM
Instrument 5
DB-ALC2

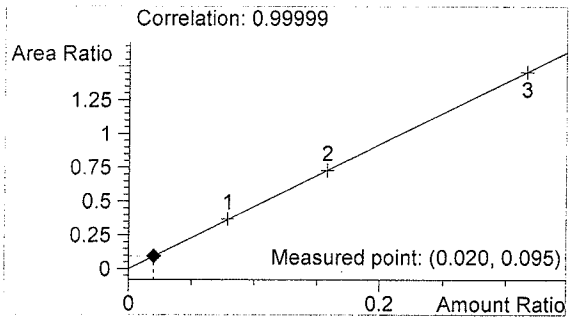
0.02 STD
Justin Knoy

vial # 8

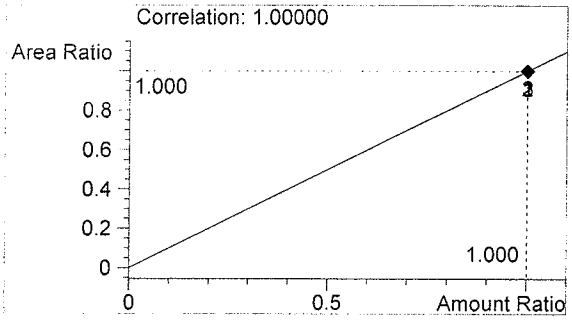


#	Compound	Area	RT
1	ethanol	177	1.117
2	n-propanol	1866	1.963

Totals:



ethanol 0.020 g/100ml



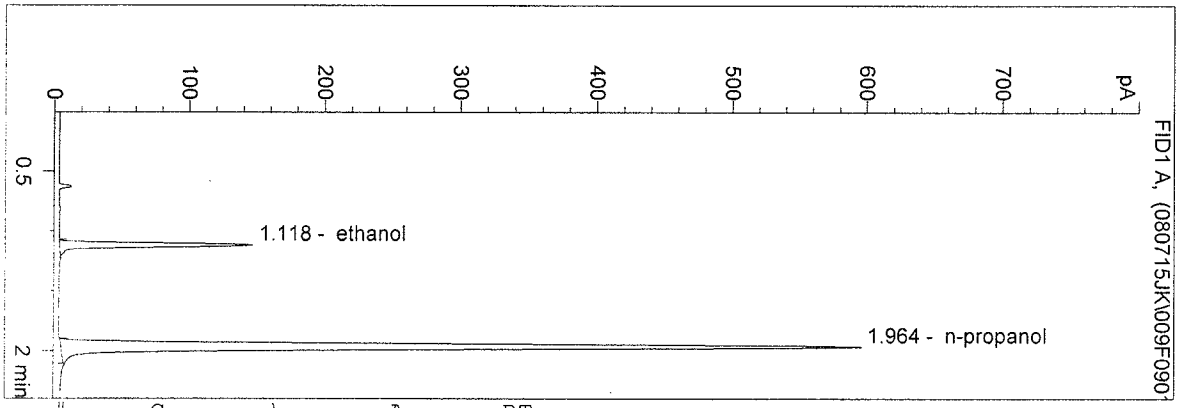
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 2:24:08 PM
Instrument 5
DB-ALC2

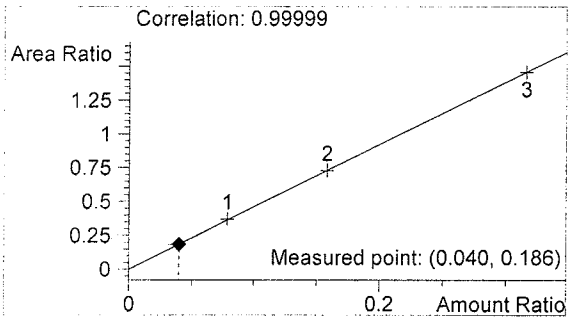
0.04 CTRL JK
Justin Knoy

vial # 9

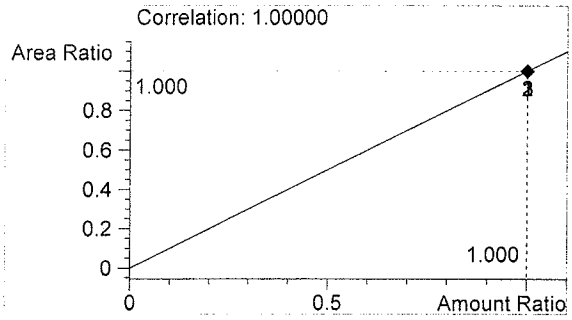


#	Compound	Area	RT
1	ethanol	341	1.118
2	n-propanol	1839	1.964

Totals:



ethanol 0.040 g/100ml



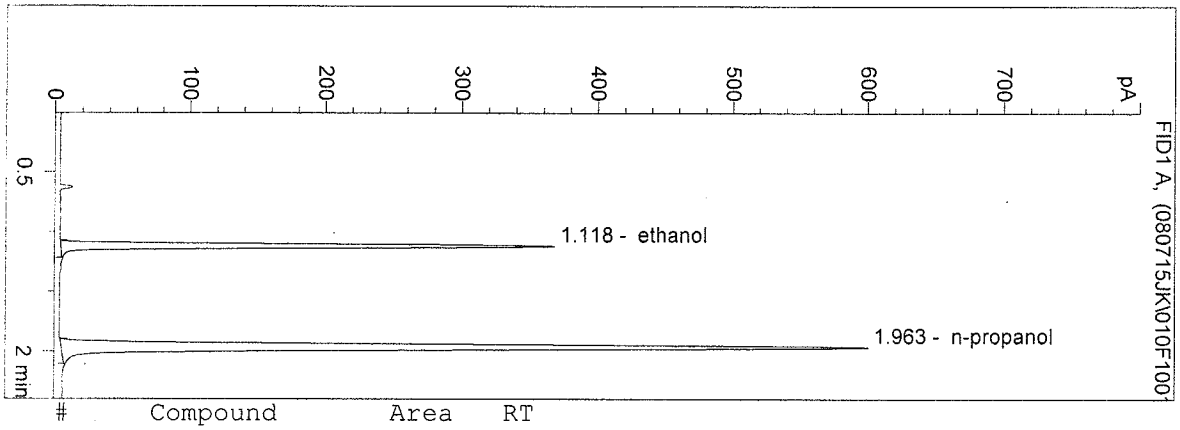
n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
7/15/2008 2:27:31 PM
Instrument 5
DB-ALC2

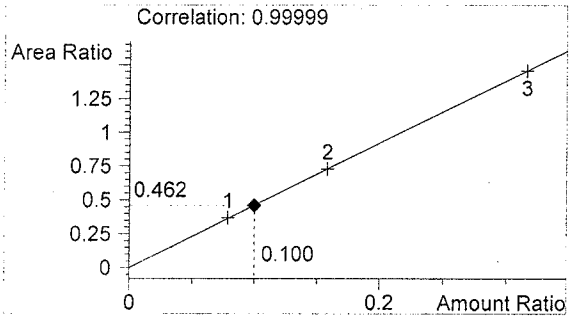
0.10 CTRL JK
Justin Knoy

vial # 10

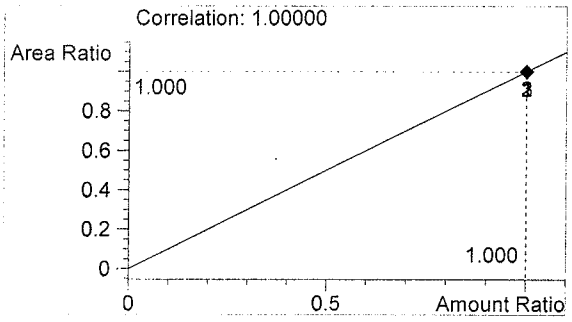


#	Compound	Area	RT
1	ethanol	858	1.118
2	n-propanol	1859	1.963

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

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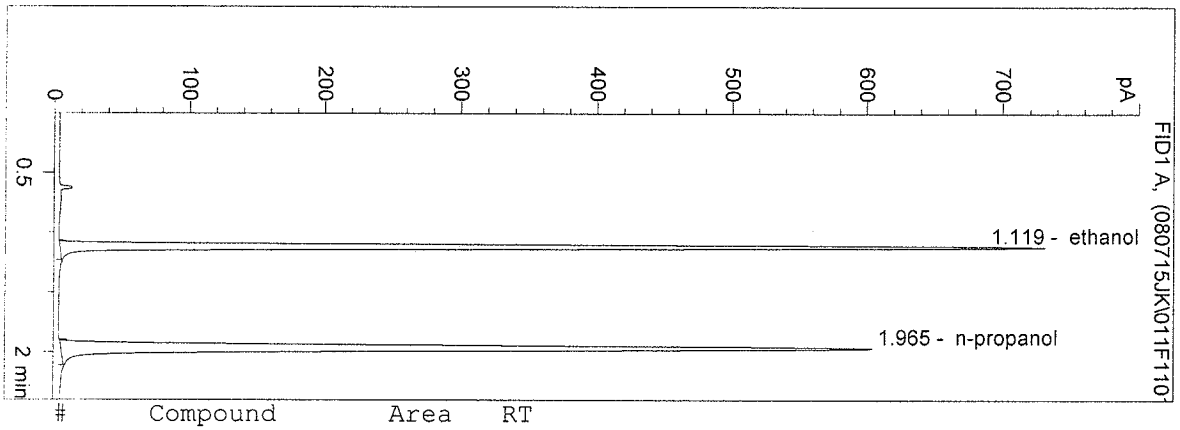
Instrument 5
DB-ALC2

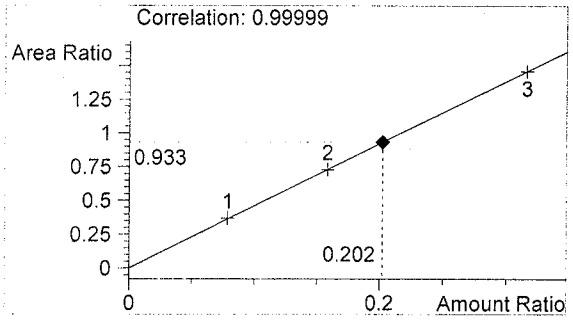
0.20 CTRL JK
Justin Knoy

vial # 11

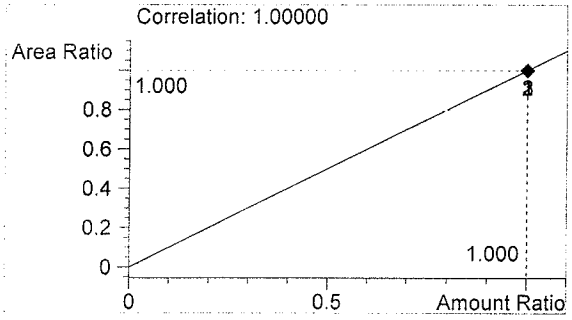


#	Compound	Area	RT
1	ethanol	1740	1.119
2	n-propanol	1864	1.965

Totals:



ethanol 0.202 g/100ml



n-propanol 1.000 g/100ml

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Instrument 5
DB-ALC2

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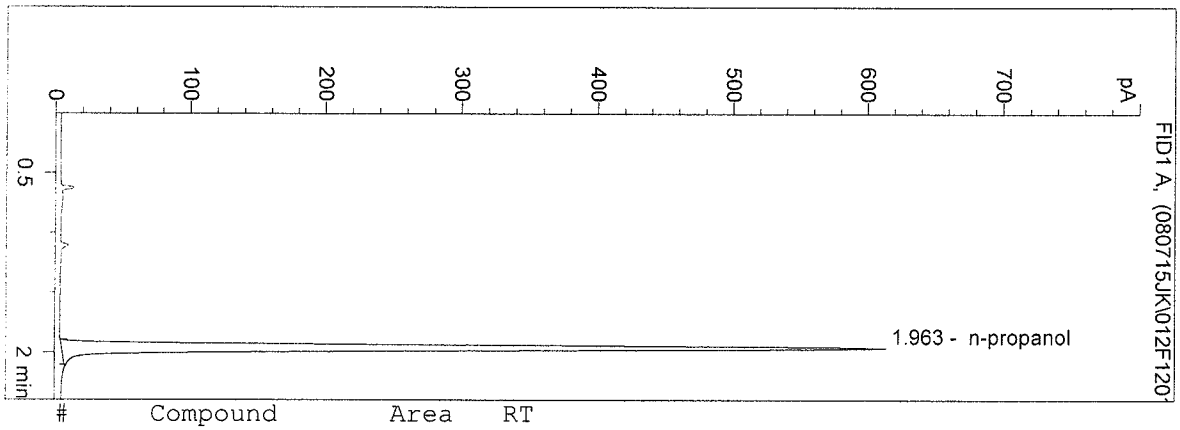
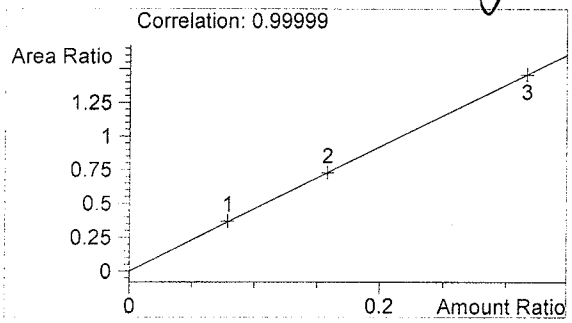
Justin Knoy

vial # 12

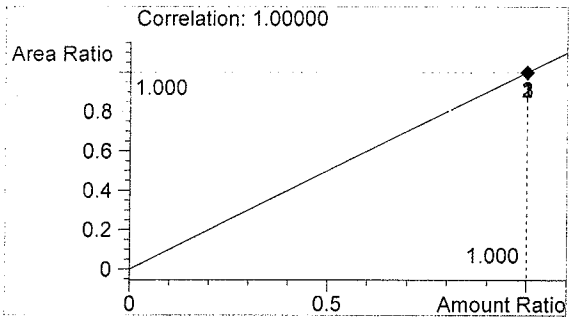


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1898	1.963

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml

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Instrument 5
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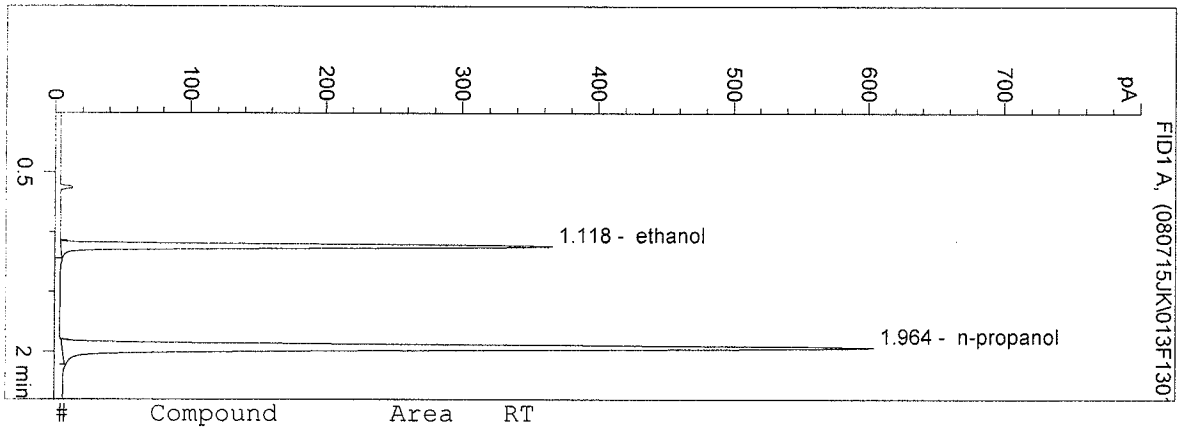
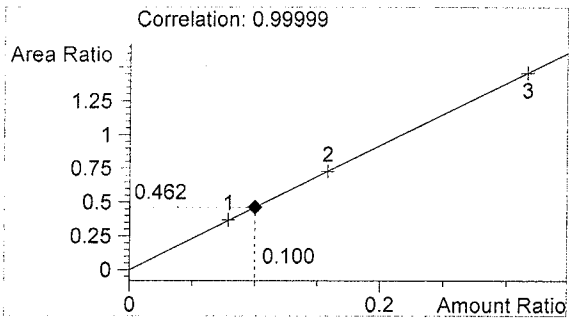
Justin Knoy

vial # 13

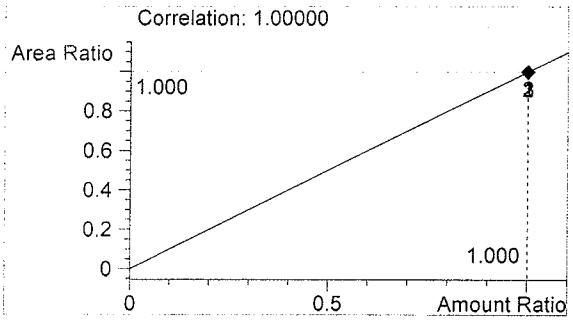


#	Compound	Area	RT
1	ethanol	863	1.118
2	n-propanol	1868	1.964

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

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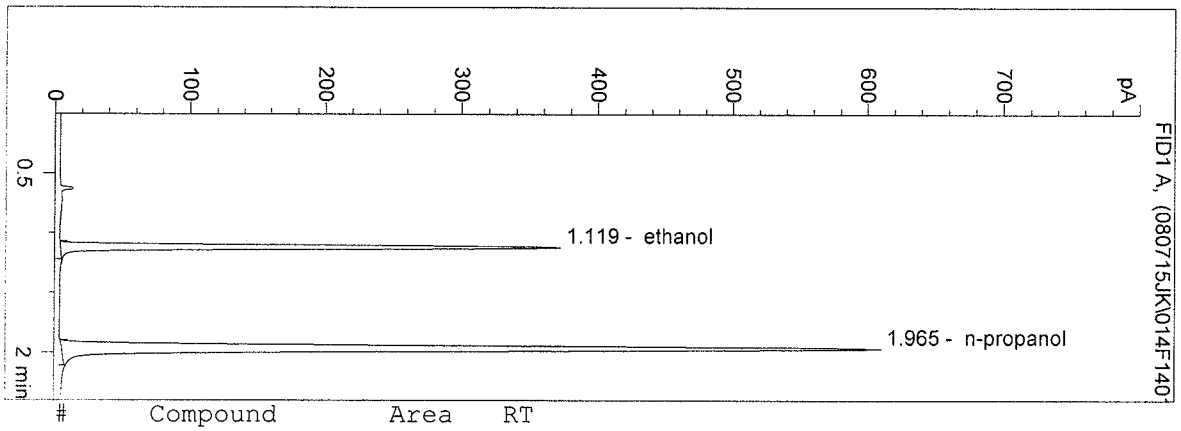
Instrument 5
DB-ALC2

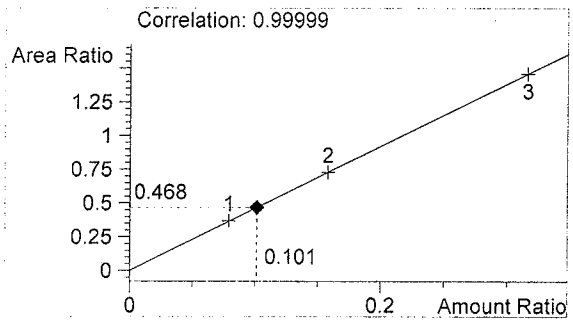
QA 08034-2
Justin Knoy

vial # 14

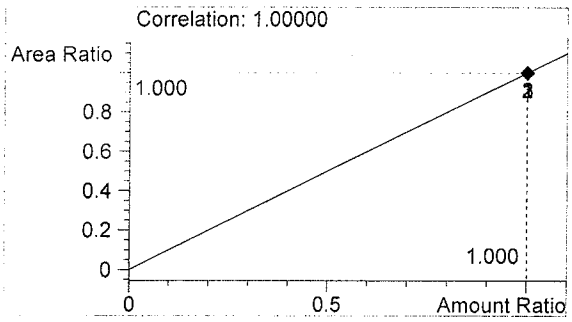


#	Compound	Area	RT
1	ethanol	881	1.119
2	n-propanol	1881	1.965

Totals:



ethanol 0.101 g/100ml



n-propanol 1.000 g/100ml

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Instrument 5
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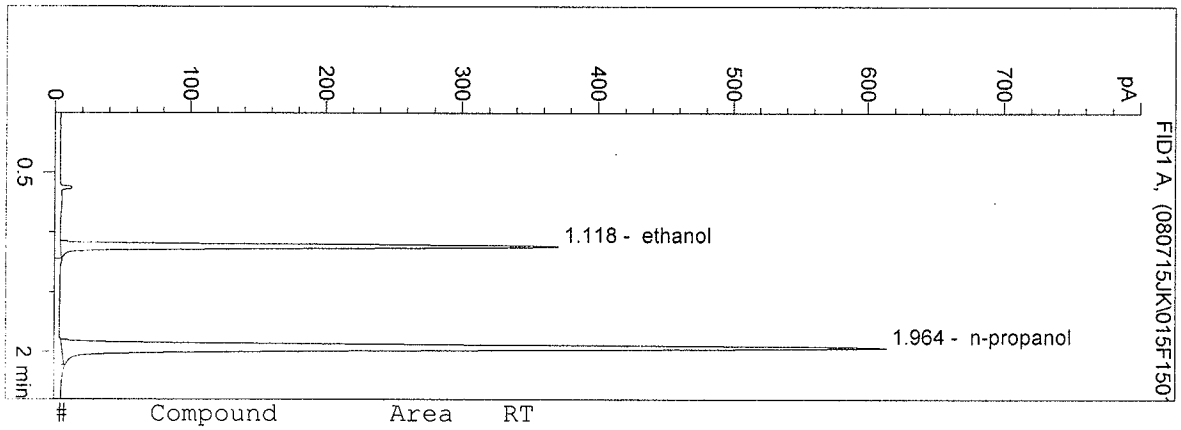
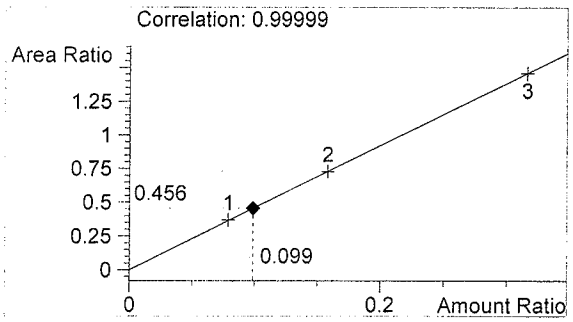
QA 08034-3
Justin Knoy

vial # 15

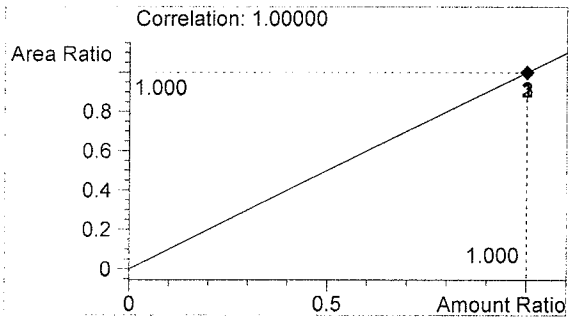


#	Compound	Area	RT
1	ethanol	864	1.118
2	n-propanol	1896	1.964

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

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Instrument 5
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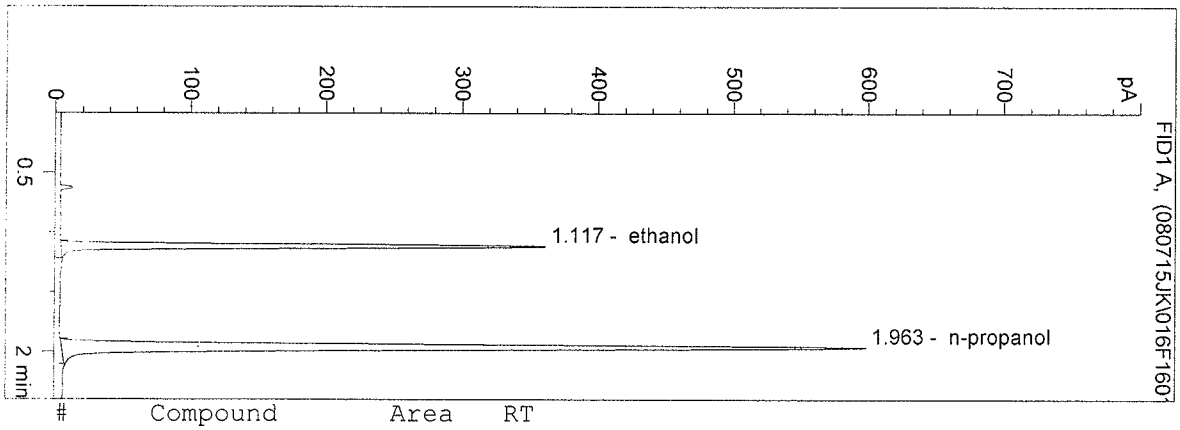
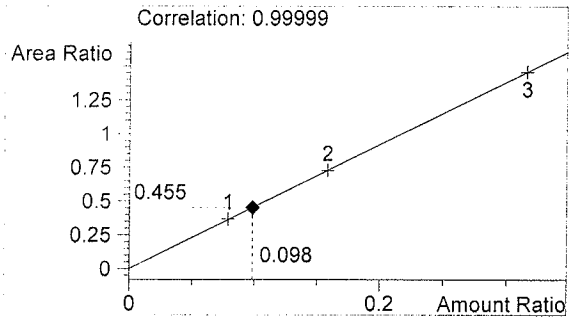
Justin Knoy

vial # 16

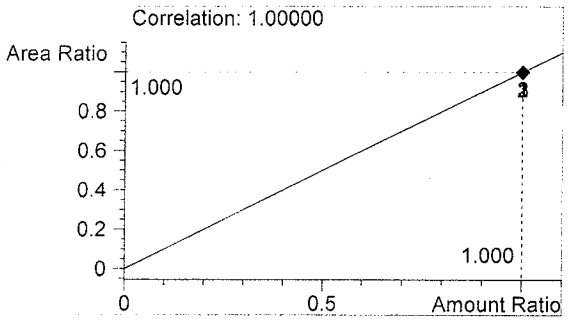


#	Compound	Area	RT
1	ethanol	840	1.117
2	n-propanol	1848	1.963

Totals:



ethanol 0.098 g/100ml



n-propanol 1.000 g/100ml

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Instrument 5
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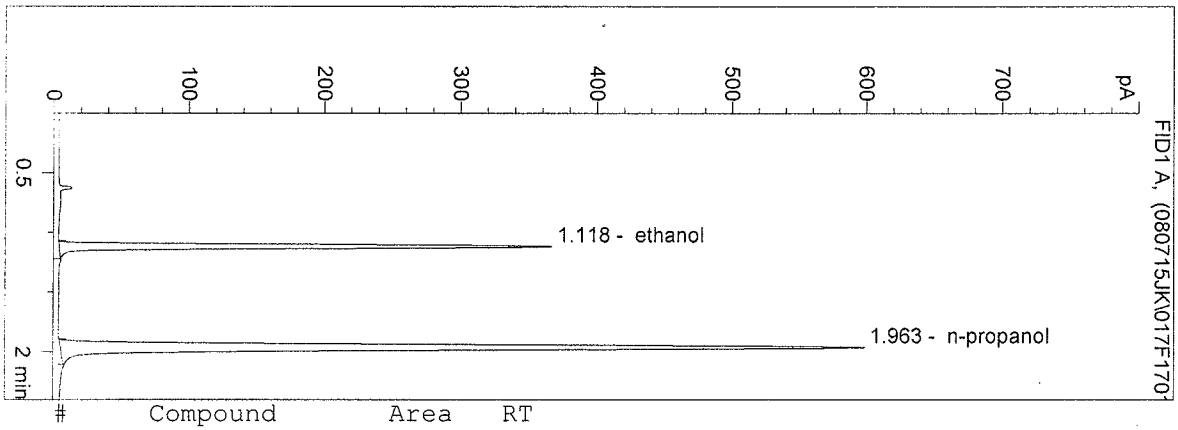
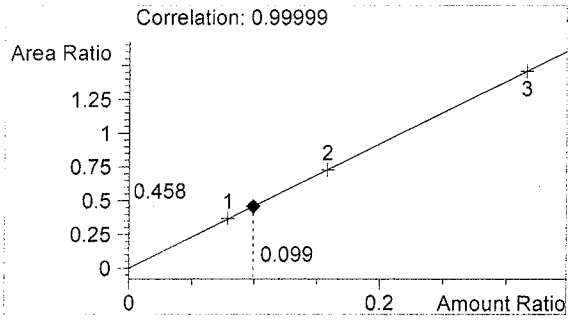
Justin Knoy

vial # 17

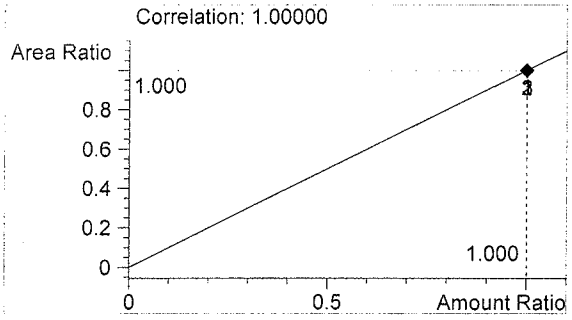


#	Compound	Area	RT
1	ethanol	843	1.118
2	n-propanol	1841	1.963

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

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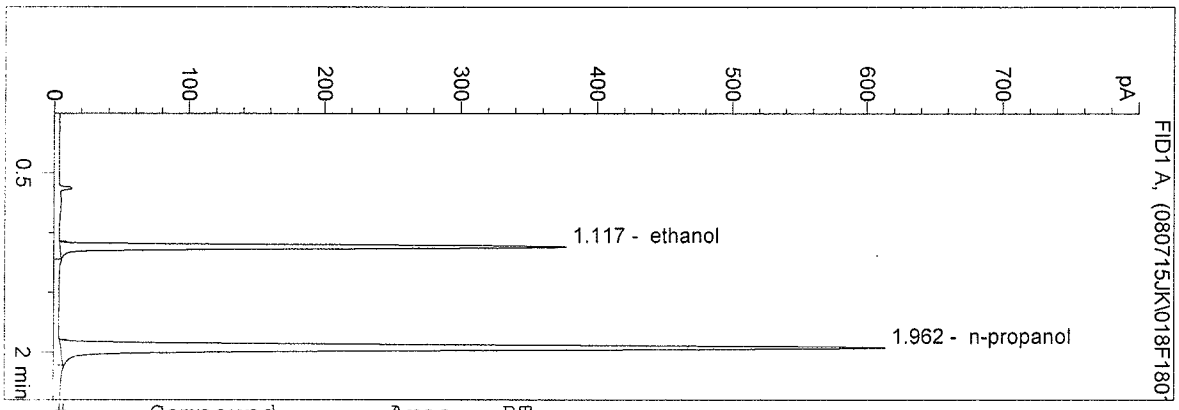
Instrument 5
DB-ALC2

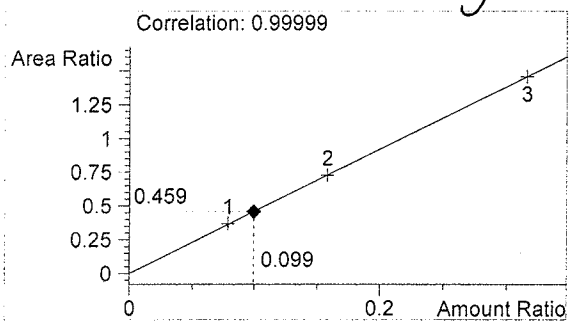
0.10 CTRL JK
Justin Knoy

vial # 18

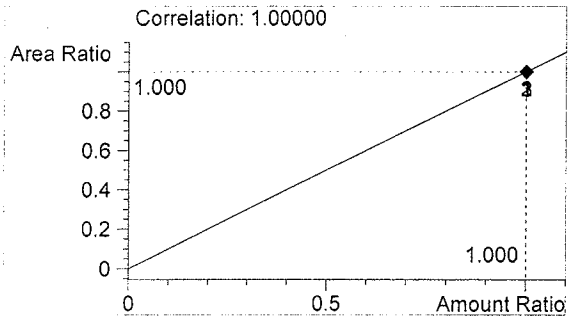


#	Compound	Area	RT
1	ethanol	869	1.117
2	n-propanol	1892	1.962

Totals:



ethanol 0.099 g/100ml



n-propanol 1.000 g/100ml

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Instrument 5
DB-ALC2

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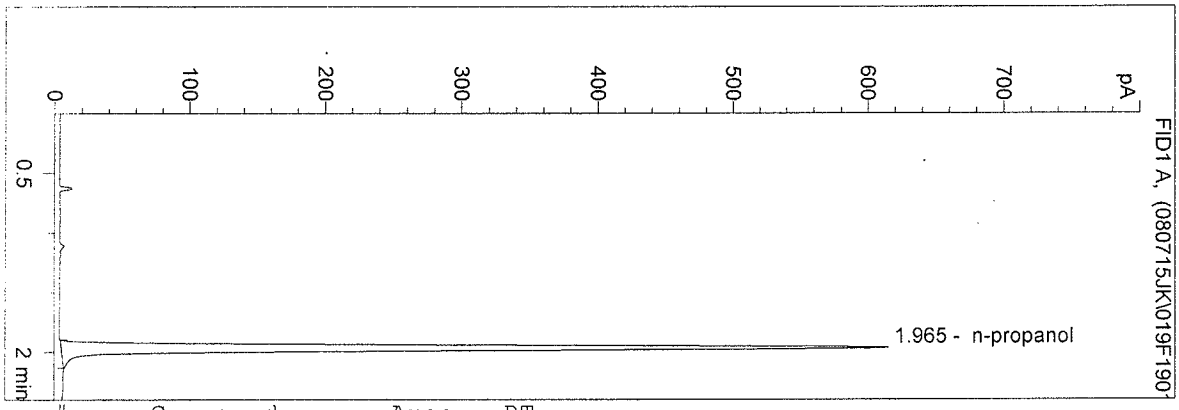
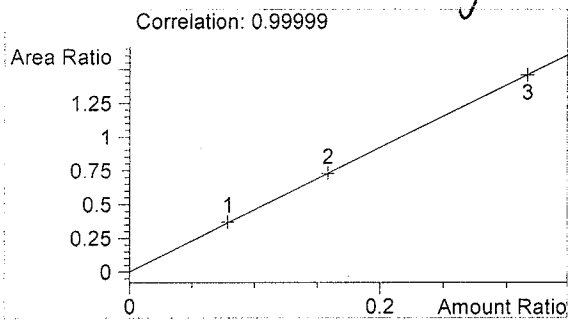
Justin Knoy

vial # 19

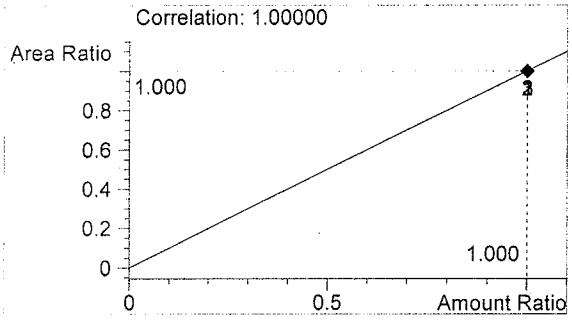


#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1896	1.965

Totals:



ethanol 0.000 g/100ml



n-propanol 1.000 g/100ml