WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

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

Location: Seattle Tox Lab Solution Batch Number: 08031

	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 L Gullberg Date: 7-31-08

Reviewer Signature: K.L. T 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 **08031** Date prepared: 07/11/2008

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	0.098	0.098	0.098
2	0.098	0.098	0.098
3	0.098	0.098	0.098
4	0.098	0.098	0.098
5	0.098	0.098	0.098
Ctrl	0.100	0.100	0.100

Statistics:
Avg. solution concent.: 0.0980 g/100 mL
SD: 0.00000
Range (3.8XSD): 0.0980 to 0.0980
Precision CV (%): 0.0000 %

External Control:
Lot #: a056938 Exp date: MM 04 / YYYY 2012
Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.0797 g/210L

Analyst	Name	Signature	Date Tested
1	Brianne Akins	Brianne Akins	07/11/2008
2	Erin Kolbrich	Erin Kolbrich	07/14/2008
3	Lisa Noble	Lisa Noble	07/15/2008

Prepared by: Brianne Akins according to the approved protocol.

Final review by: [signature]

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 LOT 08031

I, Brianne E. Akins, do certify under penalty of perjury that:

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

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

The quality assurance solution, Lot Number 08031, was prepared in the Washington State Toxicology Laboratory on 7/11/2008. 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 7/11/2009.

Seattle, WA

Brianne E Akins 7-24-08
Brianne E. Akins
Forensic Toxicologist

BEA/ik
BAQA

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 08031

I, Erin A Kolbrich, 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 Forensic Chemistry and Ph.D. degree in Toxicology.

The quality assurance solution, Lot Number 08031, was prepared in the Washington State Toxicology Laboratory on 7/11/2008. 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 7/11/2009.

Seattle, WA

EAKolbrich 7/24/08

Erin A Kolbrich, Ph.D. Date
Forensic Toxicologist

EK/ik
EKQA

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 08031

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

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

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

The quality assurance solution, Lot Number 08031, was prepared in the Washington State Toxicology Laboratory on 7/11/2008. 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 7/11/2009.

Seattle, WA

Lisa R Noble 7/24/08

Lisa R Noble Date
Forensic Toxicologist

LN/ik
LPQA

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~~		
Brianne Akins	BEa	7.24.08
~~Brittany Ball~~		
~~Christie Mitchell~~		
~~Christopher Johnston~~		
Erin Kolbrich	EAK	7/24/08
~~Estuardo Miranda~~		
~~Gwynyth Scherperel~~		
~~Justin Knoy~~		
Lisa Noble	LN	7/24/08
~~Melissa Pemberton~~		
~~Naziha Nuwayhid~~		
~~Rebecca Flaherty~~		
~~Sarah Swenson~~		

Sequence Parameters:

Operator:	Brianne E. Akins
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:	080711BA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
ORIGINAL CALIBRATION IN QA 08030 FILE.
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	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	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 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.20 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
12	Vial 12	BLANK	BLDALCO3	1	Sample		
13	Vial 13	QA 08030 A	BLDALCO3	1	Sample		
14	Vial 14	QA 08030 B	BLDALCO3	1	Sample		
15	Vial 15	QA 08030 C	BLDALCO3	1	Sample		
16	Vial 16	QA 08030 D	BLDALCO3	1	Sample		
17	Vial 17	QA 08030 E	BLDALCO3	1	Sample		
18	Vial 18	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO3	1	Sample		
20	Vial 20	QA 08031 A	BLDALCO3	1	Sample		
21	Vial 21	QA 08031 B	BLDALCO3	1	Sample		
22	Vial 22	QA 08031 C	BLDALCO3	1	Sample		
23	Vial 23	QA 08031 D	BLDALCO3	1	Sample		
24	Vial 24	QA 08031 E	BLDALCO3	1	Sample		
25	Vial 25	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
26	Vial 26	BLANK	BLDALCO3	1	Sample		
27	Vial 27	QA 08032 A	BLDALCO3	1	Sample		
28	Vial 28	QA 08032 B	BLDALCO3	1	Sample		
29	Vial 29	QA 08032 C	BLDALCO3	1	Sample		
30	Vial 30	QA 08032 D	BLDALCO3	1	Sample		
31	Vial 31	QA 08032 E	BLDALCO3	1	Sample		

BEA

Sequence: C:\HPCHEM\1\SEQUENCE\BA3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
32	Vial 32	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
33	Vial 33	BLANK	BLDALCO3	1	Sample		
34	Vial 34	QA 08033 A	BLDALCO3	1	Sample		
35	Vial 35	QA 08033 B	BLDALCO3	1	Ctrl Samp		
36	Vial 36	QA 08033 C	BLDALCO3	1	Sample		
37	Vial 37	QA 08033 D	BLDALCO3	1	Sample		
38	Vial 38	QA 08033 E	BLDALCO3	1	Sample		
39	Vial 39	0.10 CONTROL-BA	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	Replace	
6	Vial 6	0.04 MIX	VOL	1	Replace	Replace	
7	Vial 7	0.08 MIX	VOL	2	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

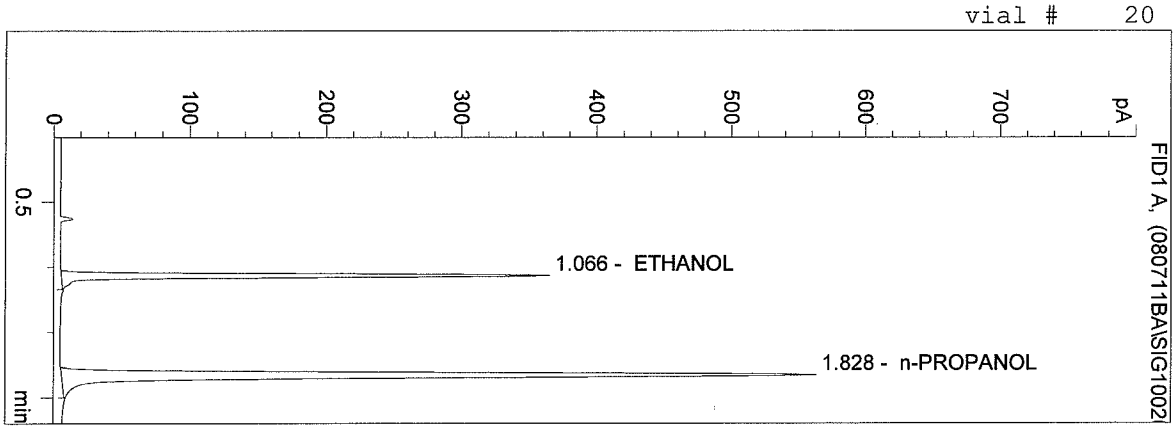
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

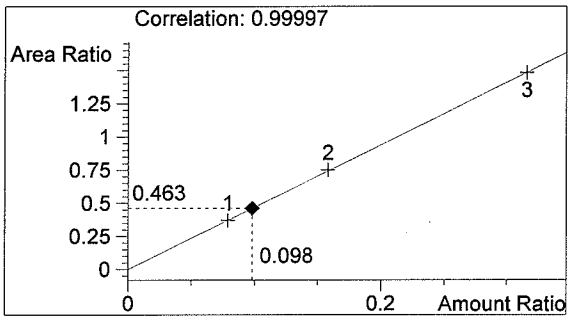
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/11/2008 4:15:37 PM
Instrument 3
db-alc2

QA 08031 A
Brianne E. Akins

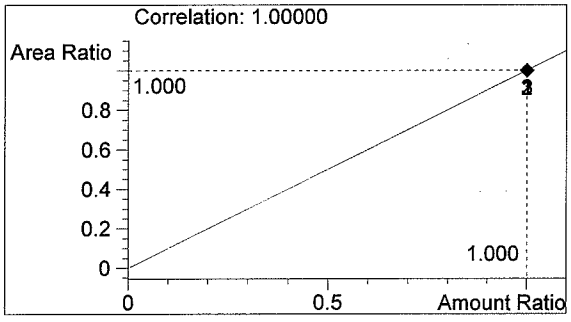
vial # 20



#	Compound	Area	RT
1	ETHANOL	728	1.066
2	n-PROPANOL	1573	1.828
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

pcw

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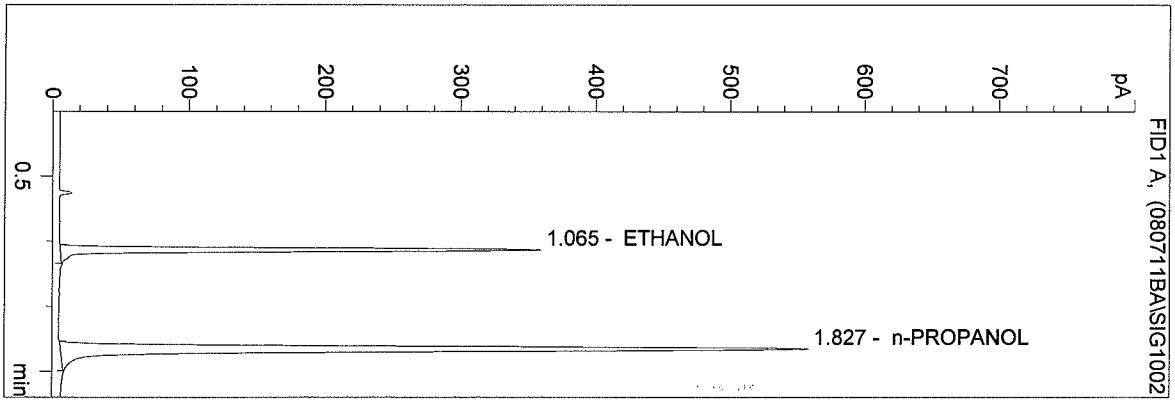
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/11/2008 4:18:44 PM
Instrument 3
db-alc2

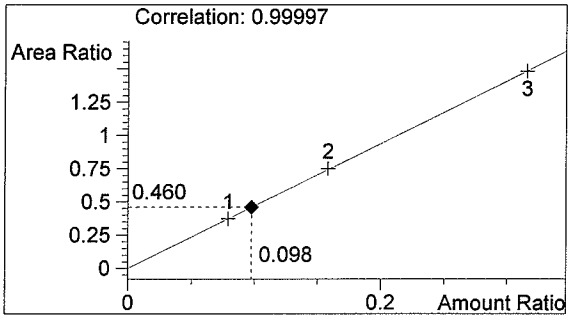
QA 08031 B
Brianne E. Akins

vial # 21

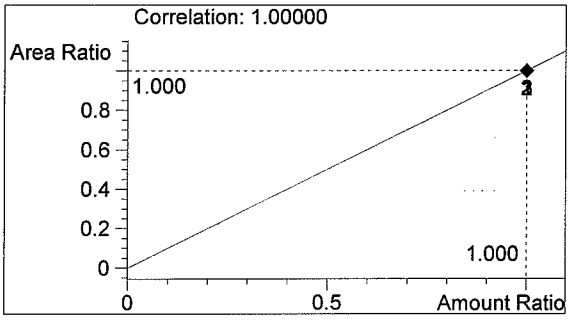


#	Compound	Area	RT
1	ETHANOL	717	1.065
2	n-PROPANOL	1557	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

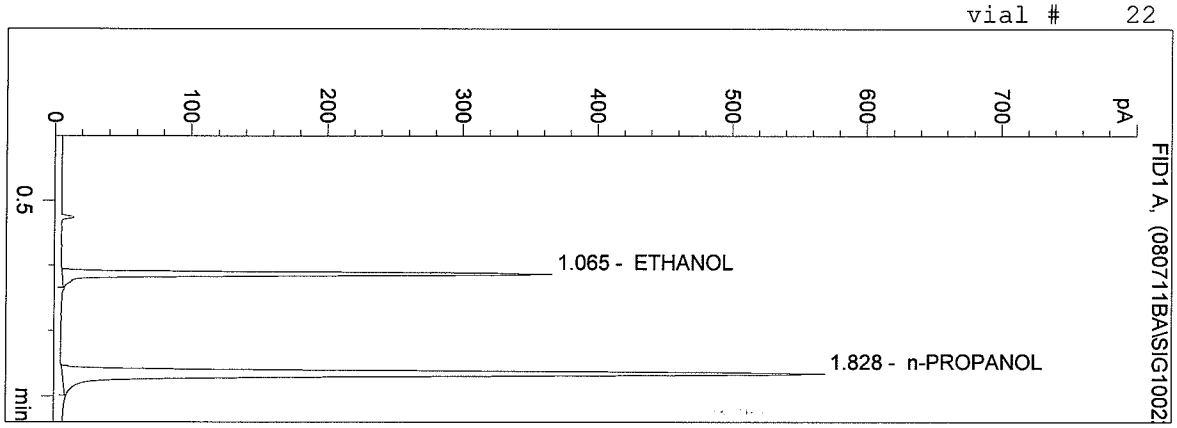
BCA

WASHINGTON STATE TOXICOLOGY LABORATORY

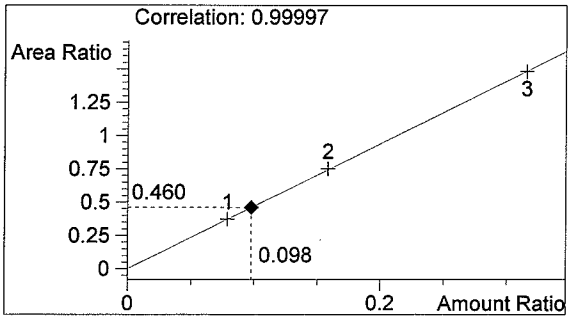
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/11/2008 4:21:51 PM
Instrument 3
db-alc2

QA 08031 C
Brianne E. Akins

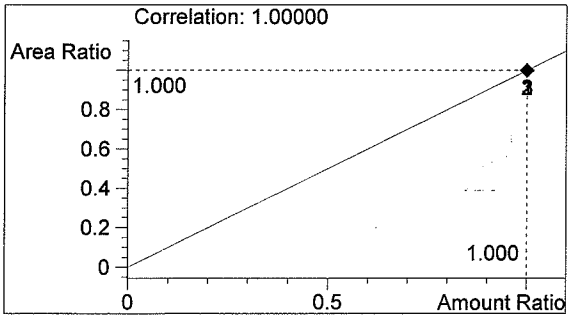
vial # 22



#	Compound	Area	RT
1	ETHANOL	731	1.065
2	n-PROPANOL	1588	1.828
Totals:			



ETHANOL 0.098 g/100ml



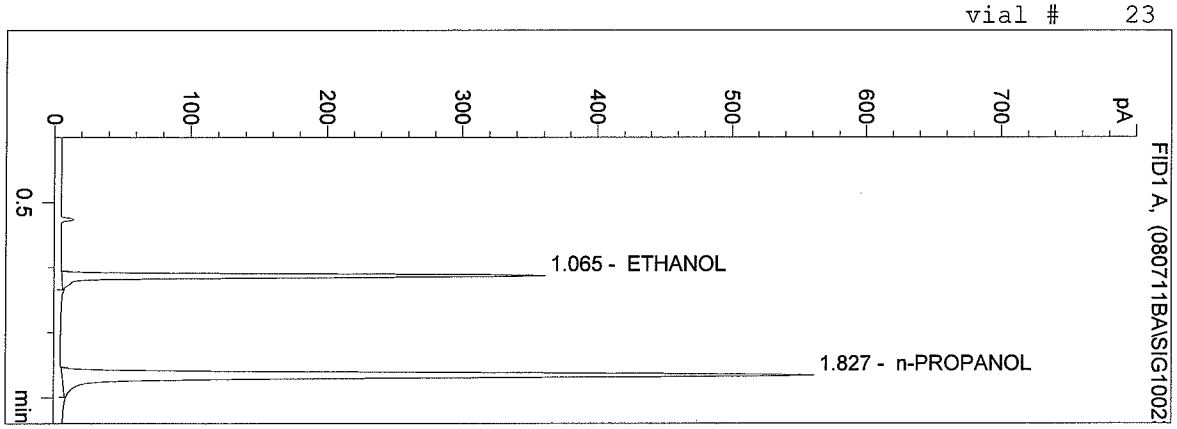
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

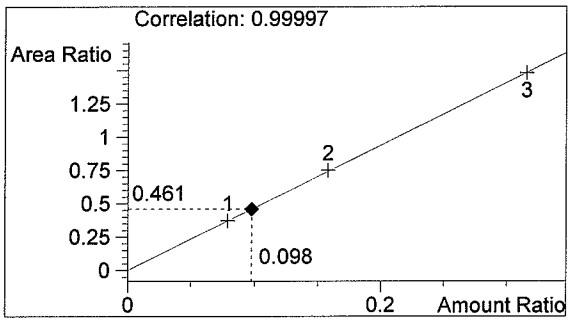
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/11/2008 4:24:58 PM
Instrument 3
db-alc2

QA 08031 D
Brianne E. Akins

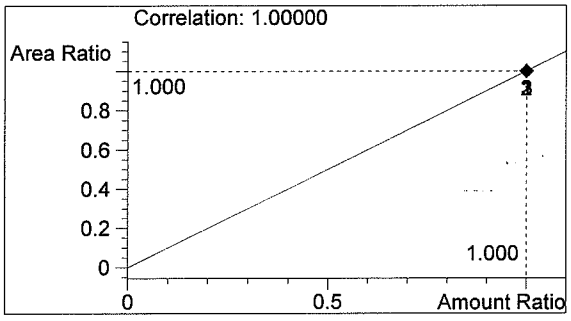
vial # 23



#	Compound	Area	RT
1	ETHANOL	721	1.065
2	n-PROPANOL	1566	1.827
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

BCA

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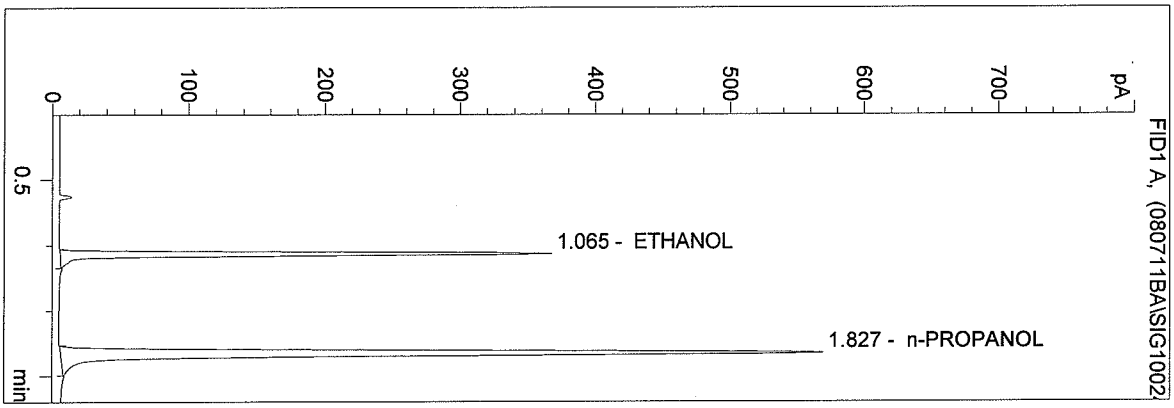
WASHINGTON STATE TOXICOLOGY LABORATORY

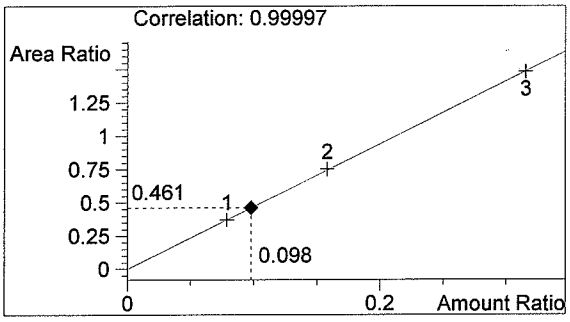
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/11/2008 4:28:05 PM
Instrument 3
db-alc2

QA 08031 E
Brianne E. Akins

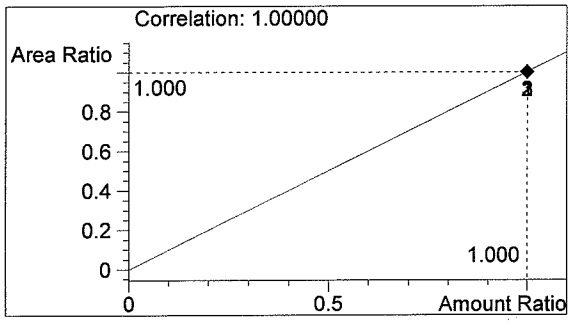
vial # 24



#	Compound	Area	RT
1	ETHANOL	734	1.065
2	n-PROPANOL	1591	1.827
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

BEA

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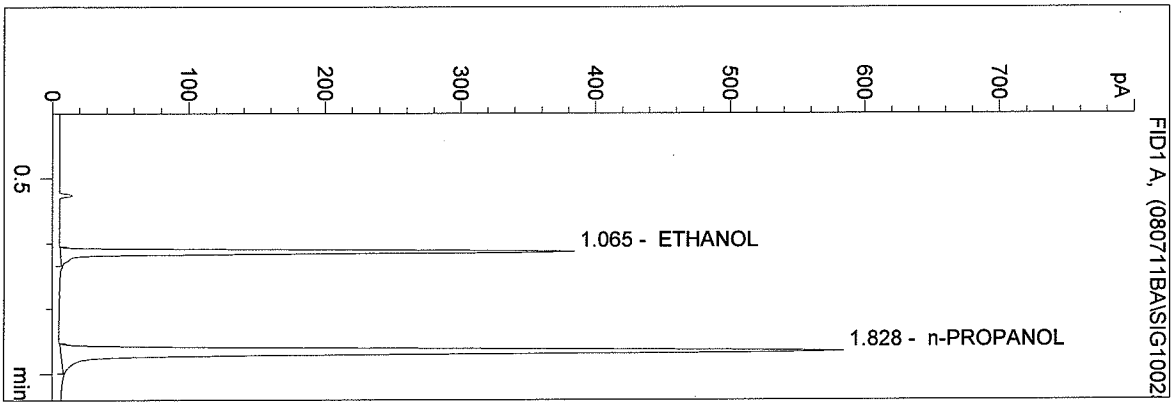
WASHINGTON STATE TOXICOLOGY LABORATORY

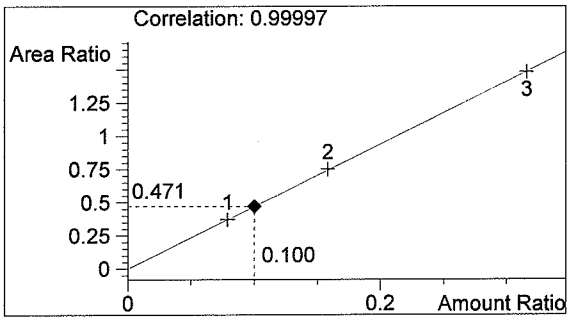
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/11/2008 4:31:14 PM
Instrument 3
db-alc2

0.10 CONTROL-BA
Brianne E. Akins

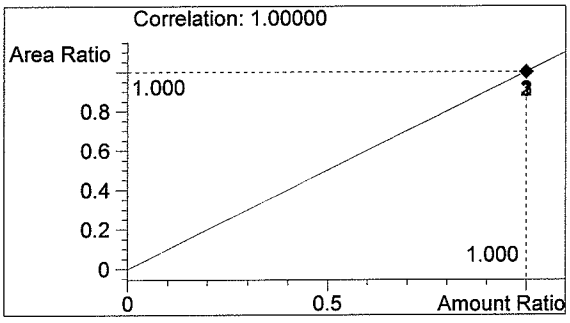
vial # 25



#	Compound	Area	RT
1	ETHANOL	769	1.065
2	n-PROPANOL	1633	1.828
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

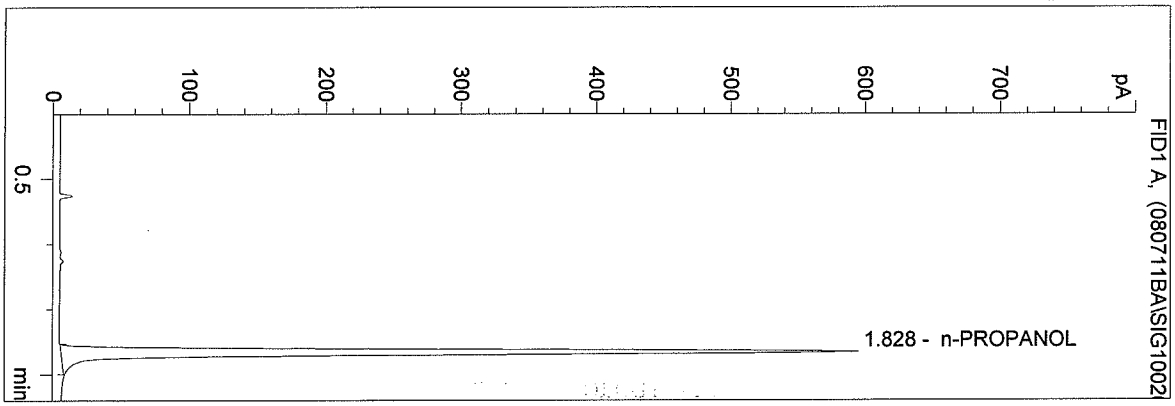
BCA

WASHINGTON STATE TOXICOLOGY LABORATORY

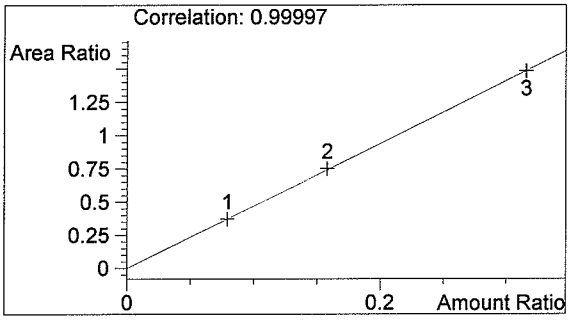
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/11/2008 4:34:24 PM
Instrument 3
db-alc2

BLANK
Brianne E. Akins

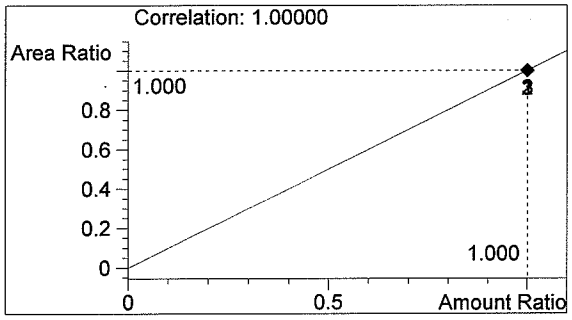
vial # 26



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1660	1.828
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

Sequence: C:\HPCHEM\1\SEQUENCE\EKCAL3.S

Sequence Parameters:

Operator:	Erin Kolbrich
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:	080714E1
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 CAL1	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL2	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL3	BLDALCO3	1	Calib		
5	Vial 5	Blank-EK	BLDALCO3	1	Ctrl Samp		
6	Vial 6	0.02	BLDALCO3	1	Sample		
7	Vial 7	40 VOLMIX	VOL3	1	Calib		
8	Vial 8	80 VOLMIX	VOL3	1	Calib		
9	Vial 9	0.040 CTRL-EK	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.200 CTRL-EK	BLDALCO3	1	Ctrl Samp		
12	Vial 12	Blank	BLDALCO3	1	Sample		
13	Vial 13	QA 08030 #1	BLDALCO3	1	Sample		
14	Vial 14	QA 08030 #2	BLDALCO3	1	Sample		
15	Vial 15	QA 08030 #3	BLDALCO3	1	Sample		
16	Vial 16	QA 08030 #4	BLDALCO3	1	Sample		
17	Vial 17	QA 08030 #5	BLDALCO3	1	Sample		
18	Vial 18	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
19	Vial 19	Blank	BLDALCO3	1	Sample		
20	Vial 20	QA 08031 #1	BLDALCO3	1	Sample		
21	Vial 21	QA 08031 #2	BLDALCO3	1	Sample		
22	Vial 22	QA 08031 #3	BLDALCO3	1	Sample		
23	Vial 23	QA 08031 #4	BLDALCO3	1	Sample		
24	Vial 24	QA 08031 #5	BLDALCO3	1	Sample		
25	Vial 25	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
26	Vial 26	Blank	BLDALCO3	1	Sample		
27	Vial 27	QA 08032 #1	BLDALCO3	1	Sample		
28	Vial 28	QA 08032 #2	BLDALCO3	1	Sample		
29	Vial 29	QA 08032 #3	BLDALCO3	1	Sample		
30	Vial 30	QA 08032 #4	BLDALCO3	1	Sample		
31	Vial 31	QA 08032 #5	BLDALCO3	1	Sample		
32	Vial 32	0.100 CTRL-EK	BLDALCO3	1	Ctrl Samp		
33	Vial 33	Blank	BLDALCO3	1	Sample		
34	Vial 34	QA 08033 #1	BLDALCO3	1	Sample		
35	Vial 35	QA 08033 #2	BLDALCO3	1	Sample		
36	Vial 36	QA 08033 #3	BLDALCO3	1	Sample		
37	Vial 37	QA 08033 #4	BLDALCO3	1	Sample		

calibrator data and control lot #/ exp. date with QA 08030

AV

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
38	Vial 38	QA 08033 #5	BLDALCO3	1	Sample		
39	Vial 39	0.100 CTRL-EK	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 CAL1	BLDALCO3	1	Replace	Average	
3	Vial 3	0.158 CAL2	BLDALCO3	2	Replace	Average	
4	Vial 4	0.316 CAL3	BLDALCO3	3	Replace	Average	
7	Vial 7	40 VOLMIX	VOL3	1	Replace	Average	
8	Vial 8	80 VOLMIX	VOL3	2	Replace	Average	

Sequence Table (Back Injector):

No entries - empty table!

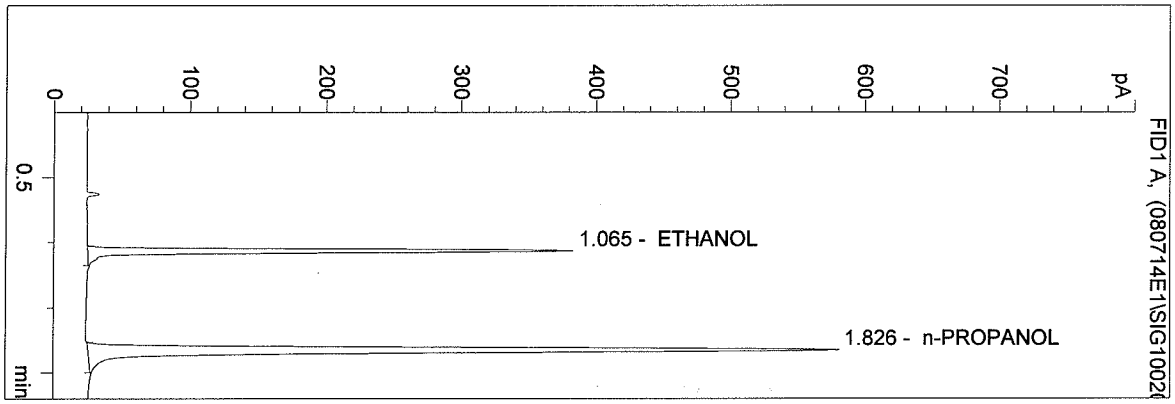
EK

WASHINGTON STATE TOXICOLOGY LABORATORY

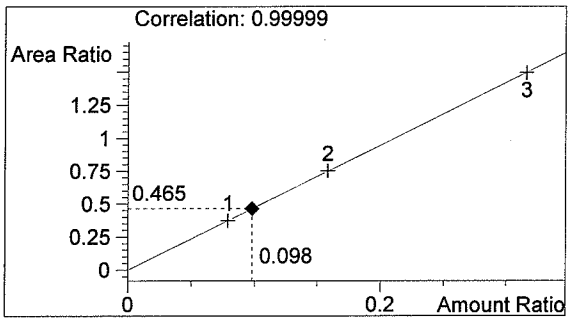
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/14/2008 12:52:36 PM
Instrument 3
db-alc2

QA 08031 #1
Erin Kolbrich

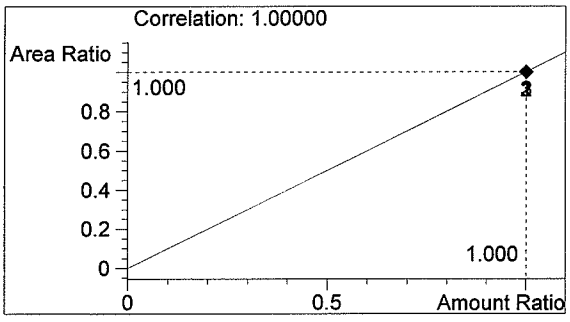
vial # 20



#	Compound	Area	RT
1	ETHANOL	725	1.065
2	n-PROPANOL	1559	1.826
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

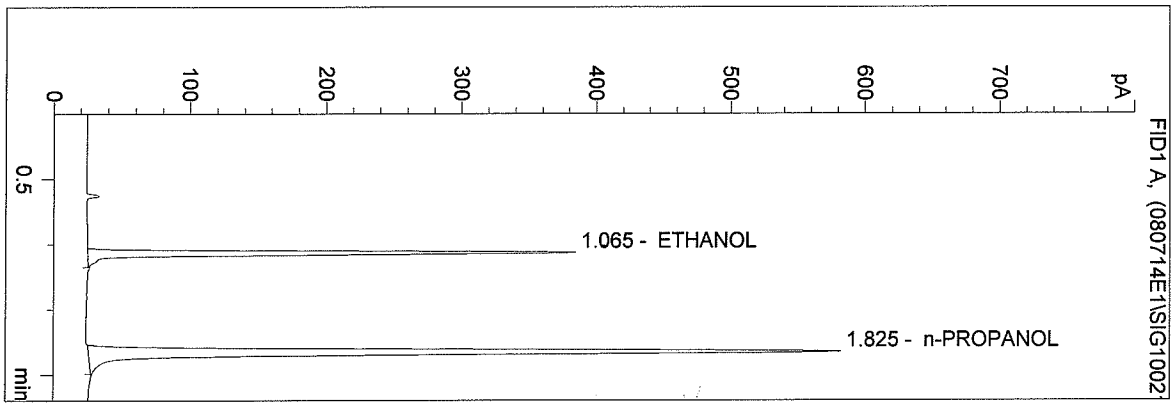
EK

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/14/2008 12:55:43 PM
Instrument 3
db-alc2

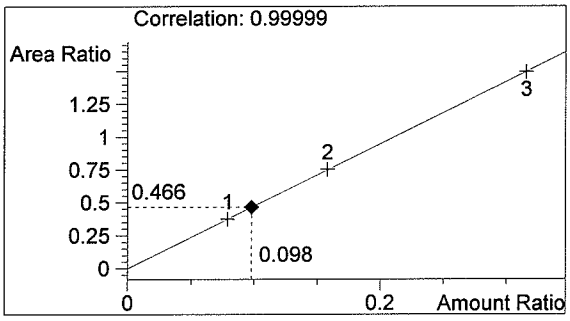
QA 08031 #2
Erin Kolbrich

vial # 21

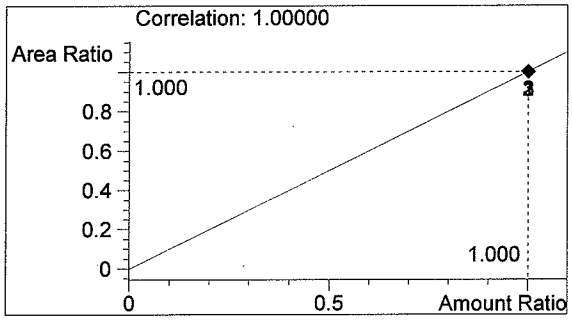


#	Compound	Area	RT
1	ETHANOL	728	1.065
2	n-PROPANOL	1563	1.825

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

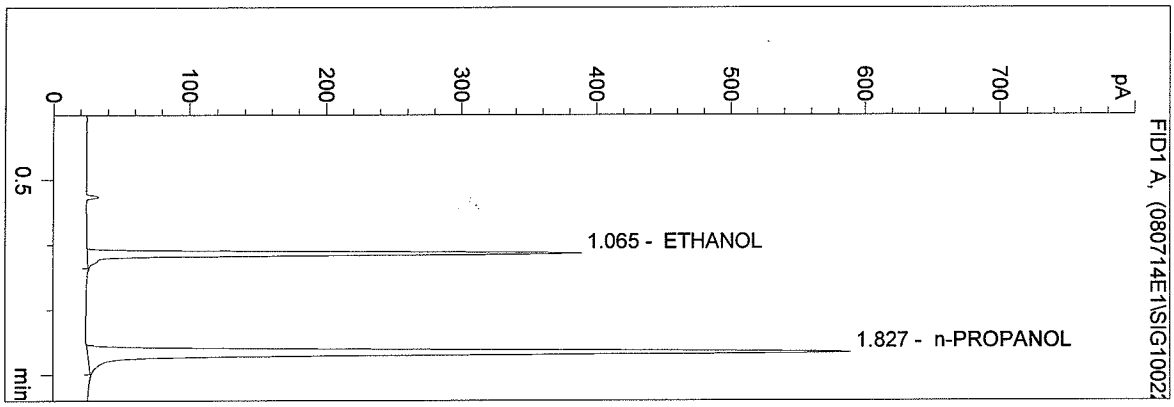
EM

WASHINGTON STATE TOXICOLOGY LABORATORY

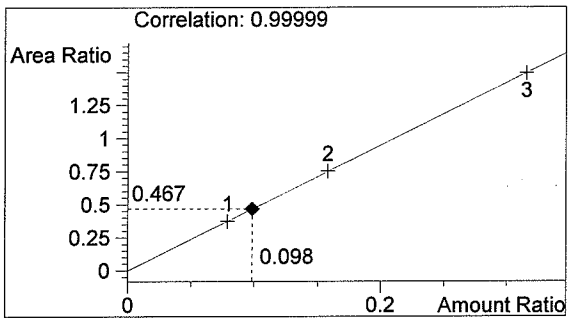
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/14/2008 12:58:50 PM
Instrument 3
db-alc2

QA 08031 #3
Erin Kolbrich

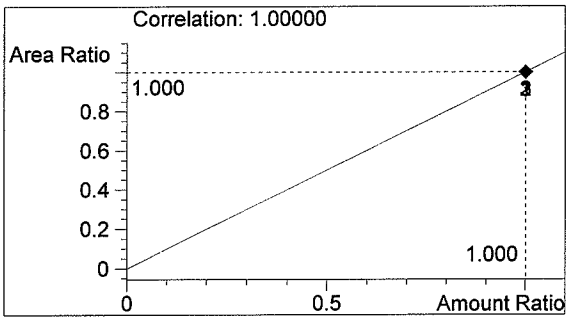
vial # 22



#	Compound	Area	RT
1	ETHANOL	742	1.065
2	n-PROPANOL	1589	1.827
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

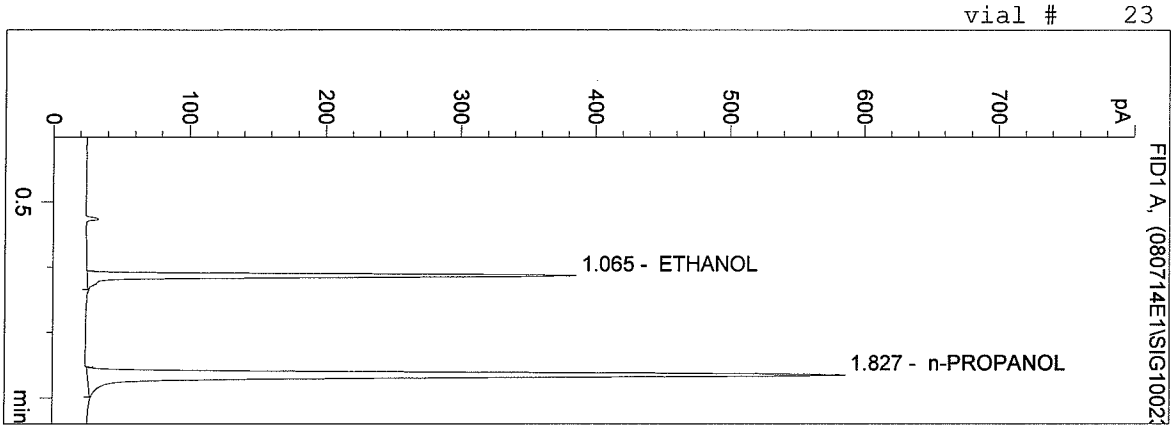
EM

WASHINGTON STATE TOXICOLOGY LABORATORY

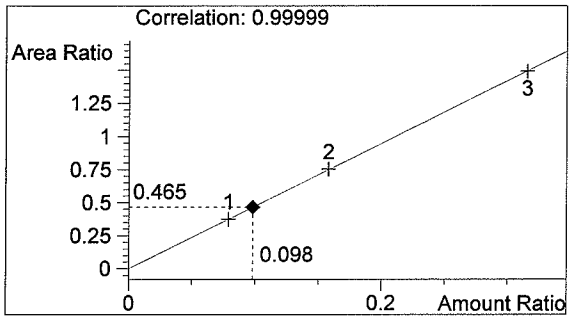
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/14/2008 1:01:57 PM
Instrument 3
db-alc2

QA 08031 #4
Erin Kolbrich

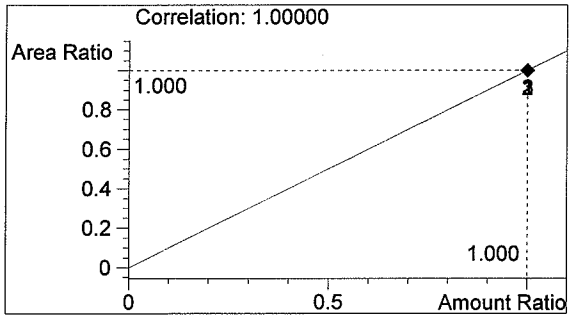
vial # 23



#	Compound	Area	RT
1	ETHANOL	734	1.065
2	n-PROPANOL	1577	1.827
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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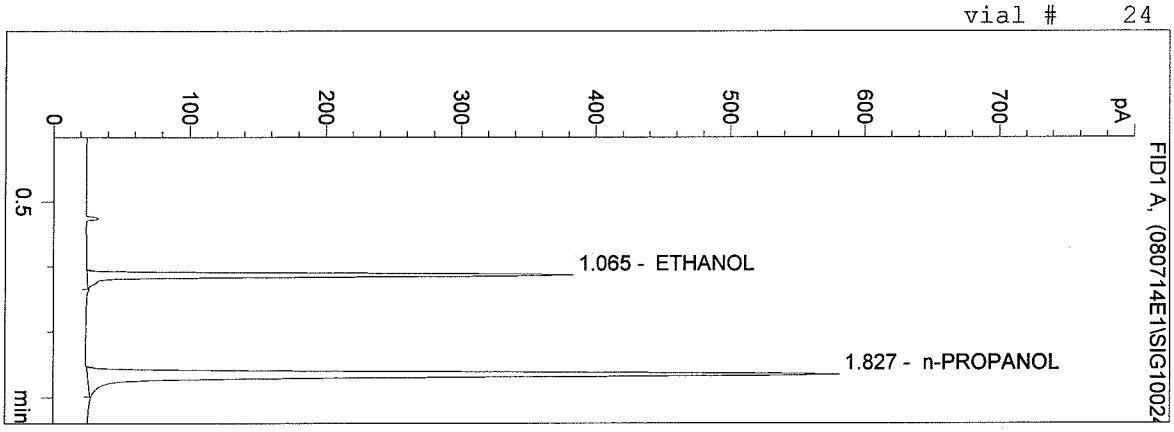
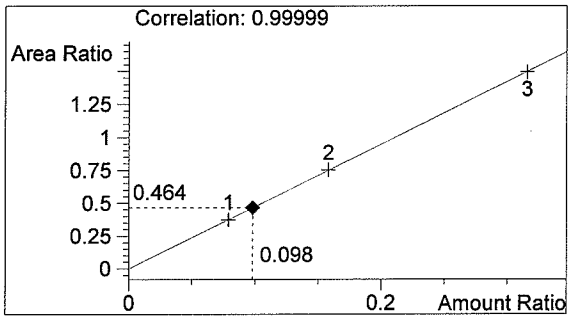
7/14/2008 1:05:04 PM
Instrument 3
db-alc2

QA 08031 #5
Erin Kolbrich

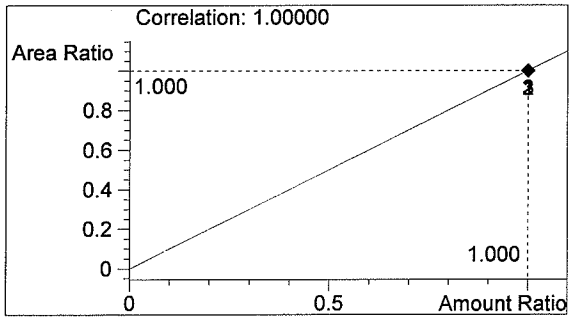
vial # 24



#	Compound	Area	RT
1	ETHANOL	726	1.065
2	n-PROPANOL	1563	1.827
Totals:			



ETHANOL 0.098 g/100ml



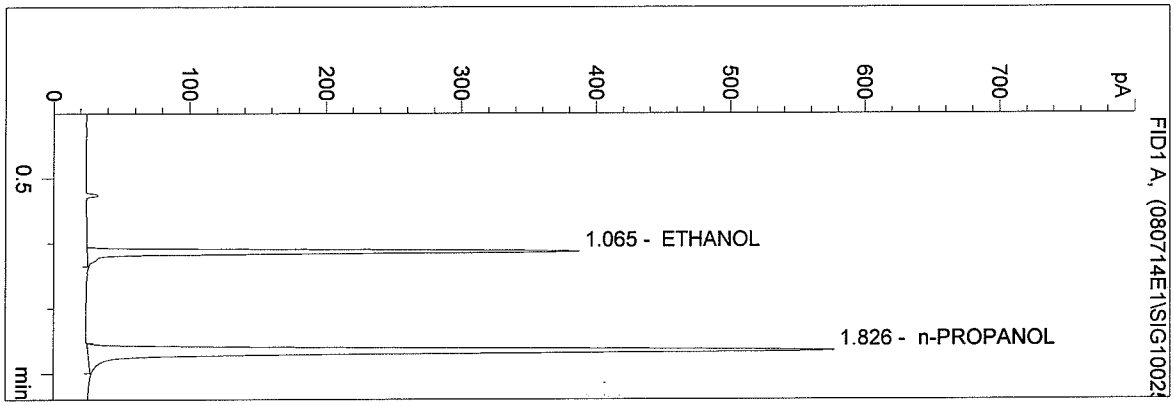
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

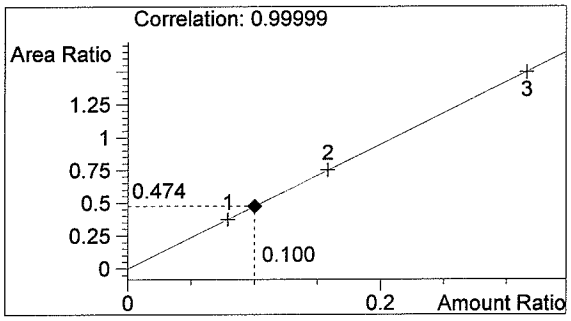
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/14/2008 1:08:11 PM
Instrument 3
db-alc2

0.100 CTRL-EK
Erin Kolbrich

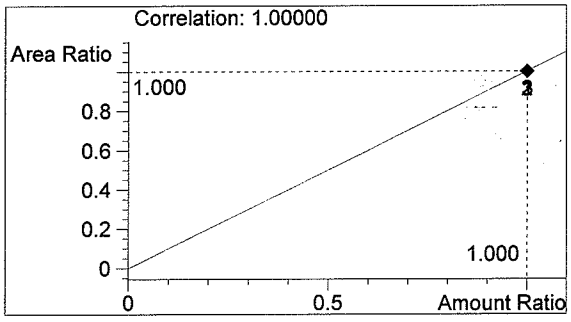
vial # 25



#	Compound	Area	RT
1	ETHANOL	737	1.065
2	n-PROPANOL	1555	1.826
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

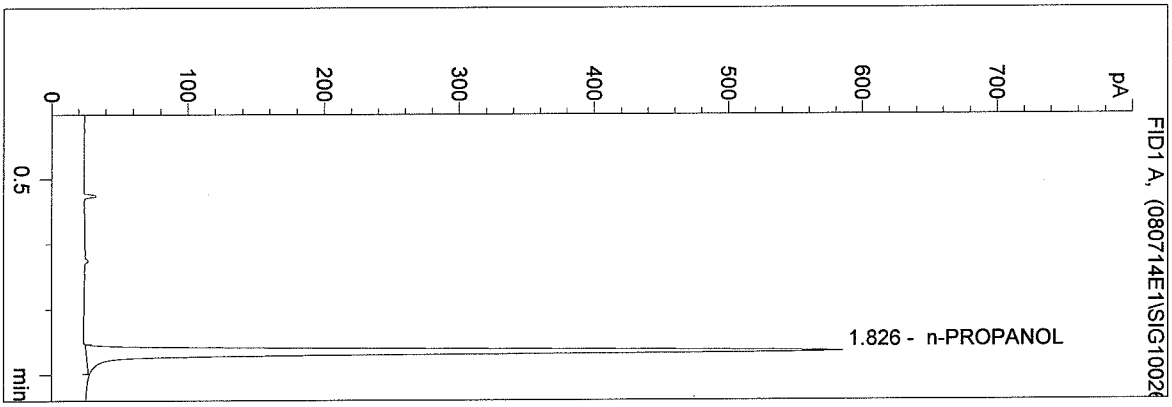
EK

WASHINGTON STATE TOXICOLOGY LABORATORY

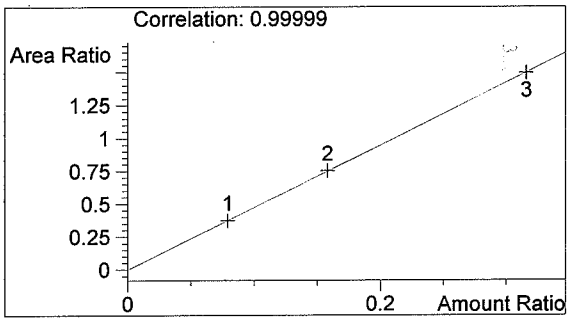
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/14/2008 1:11:18 PM
Instrument 3
db-alc2

Blank
Erin Kolbrich

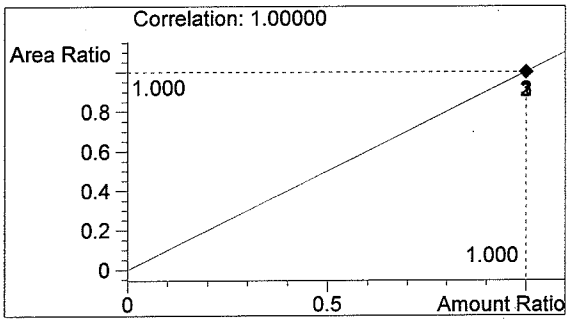
vial # 26



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1570	1.826
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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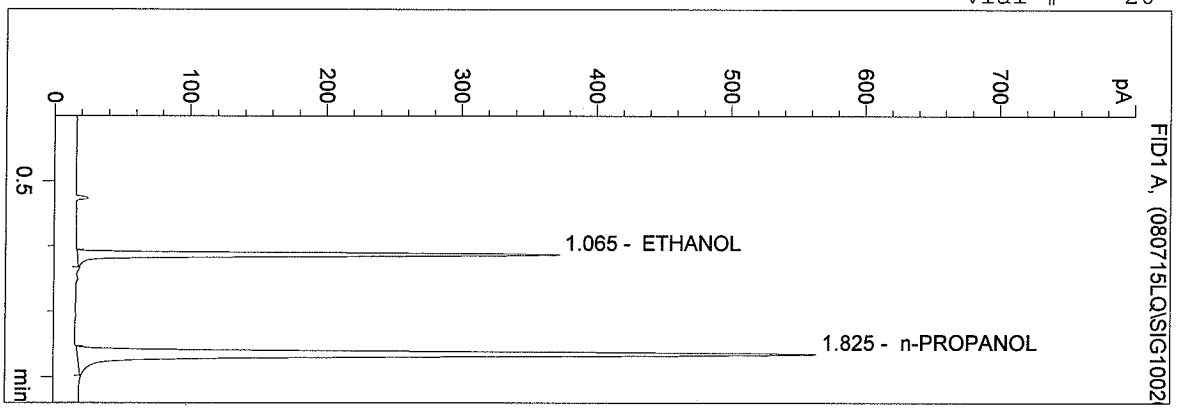
7/15/2008 4:02:42 PM
Instrument 3
db-alc2

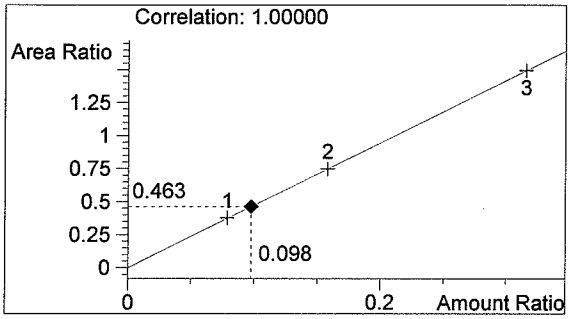
08031-1
Lisa Noble

vial # 20

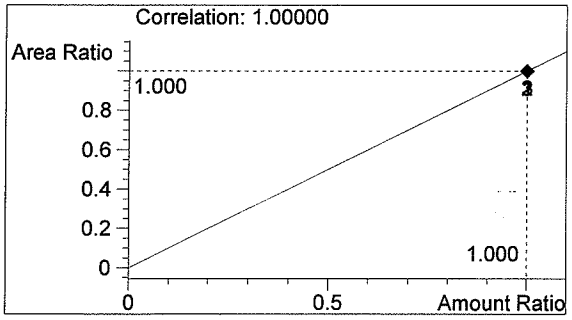


#	Compound	Area	RT
1	ETHANOL	710	1.065
2	n-PROPANOL	1532	1.825

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

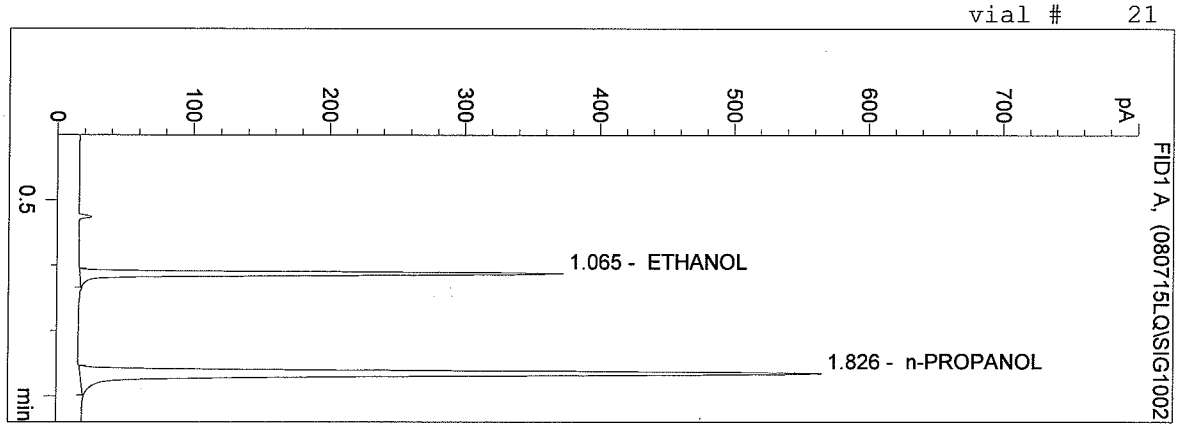
calibration filed with QA 08030.

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/15/2008 4:05:49 PM
Instrument 3
db-alc2

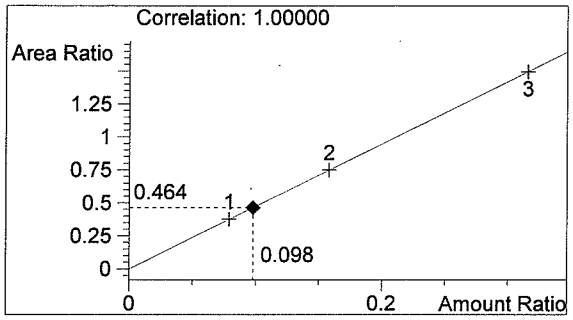
08031-2
Lisa Noble

vial # 21

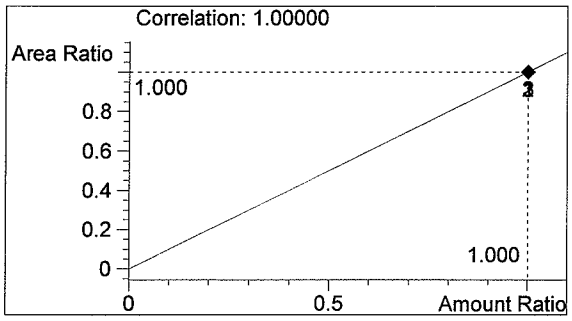


#	Compound	Area	RT
1	ETHANOL	713	1.065
2	n-PROPANOL	1537	1.826

Totals:



ETHANOL 0.098 g/100ml



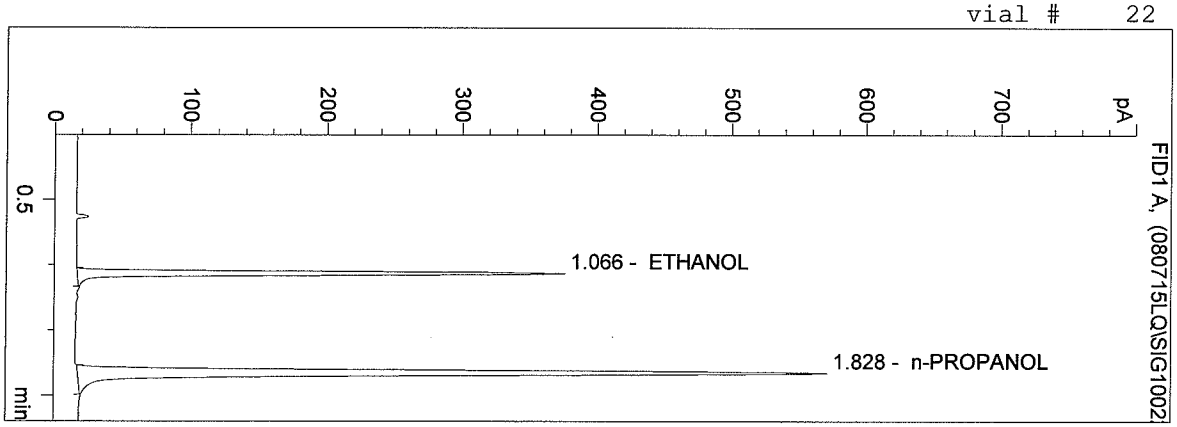
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/15/2008 4:08:57 PM
Instrument 3
db-alc2

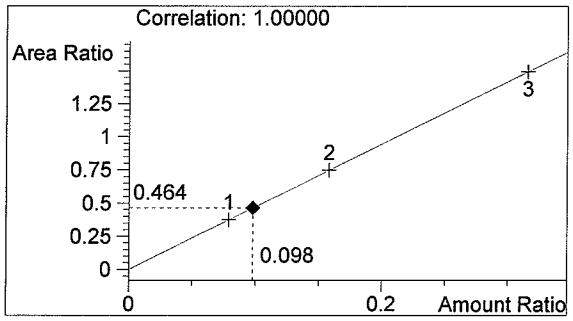
08031-3
Lisa Noble

vial # 22

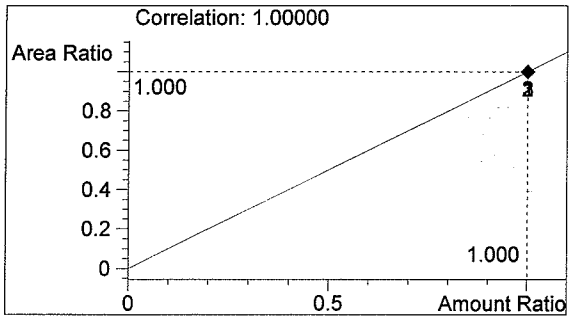


#	Compound	Area	RT
1	ETHANOL	723	1.066
2	n-PROPANOL	1557	1.828

Totals:



ETHANOL 0.098 g/100ml

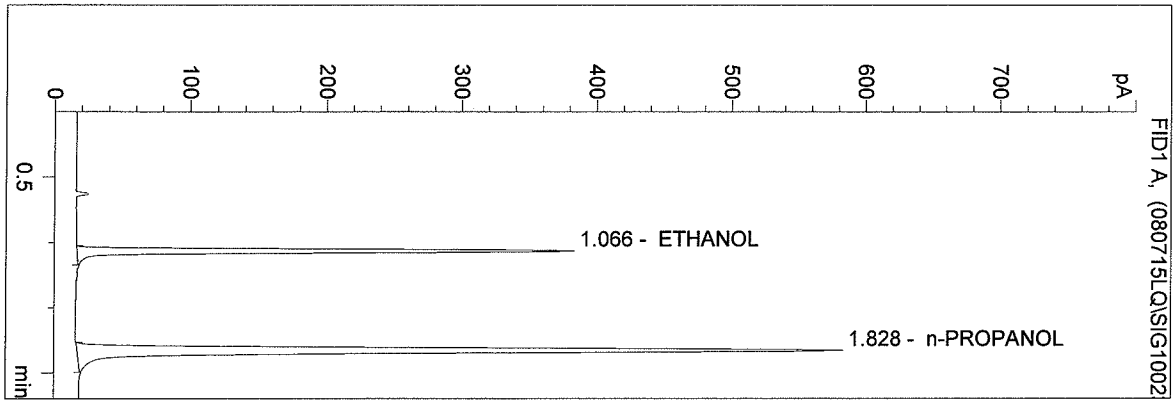


n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

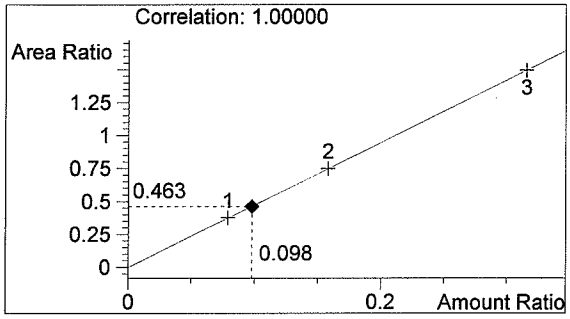
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/15/2008 4:12:04 PM 08031-4
Instrument 3 Lisa Noble
db-alc2

vial # 23

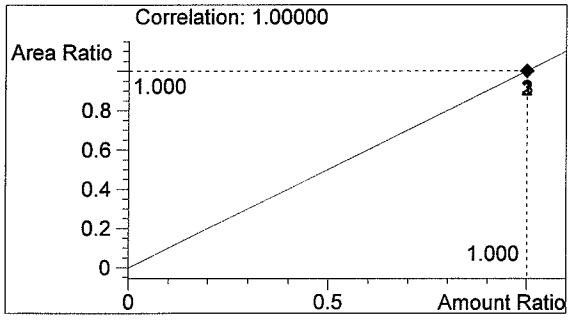


#	Compound	Area	RT
1	ETHANOL	740	1.066
2	n-PROPANOL	1596	1.828

Totals:



ETHANOL 0.098 g/100ml



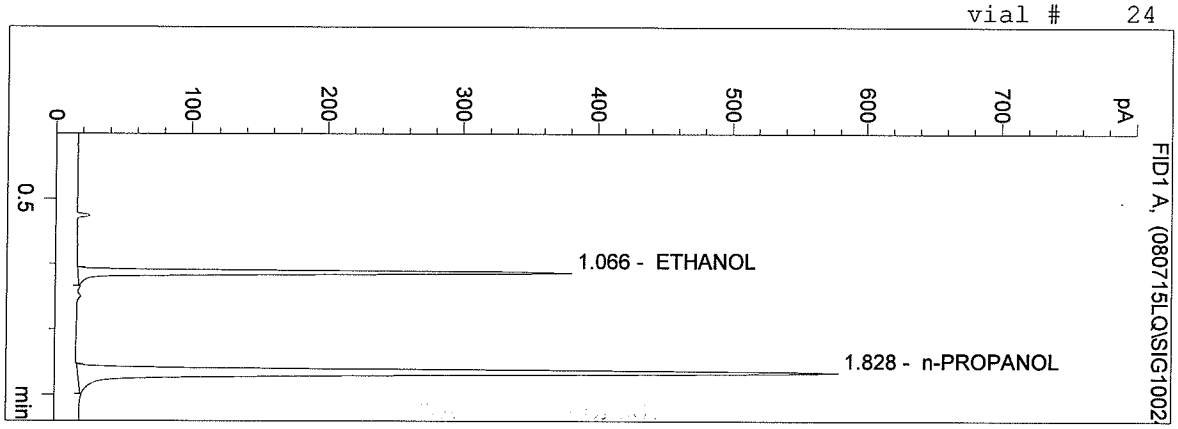
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/15/2008 4:15:11 PM
Instrument 3
db-alc2

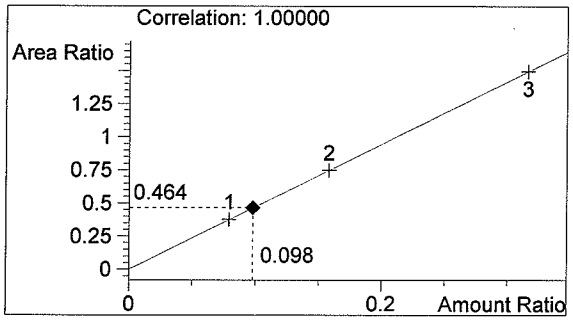
08031-5
Lisa Noble

vial # 24

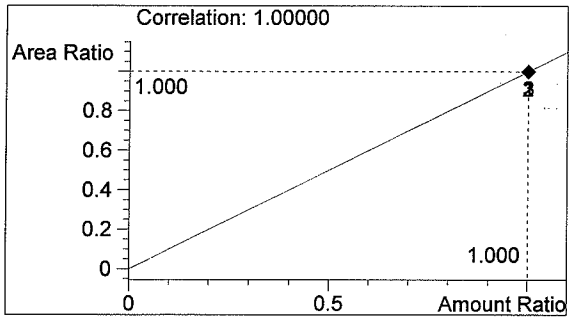


#	Compound	Area	RT
1	ETHANOL	735	1.066
2	n-PROPANOL	1584	1.828

Totals:



ETHANOL 0.098 g/100ml



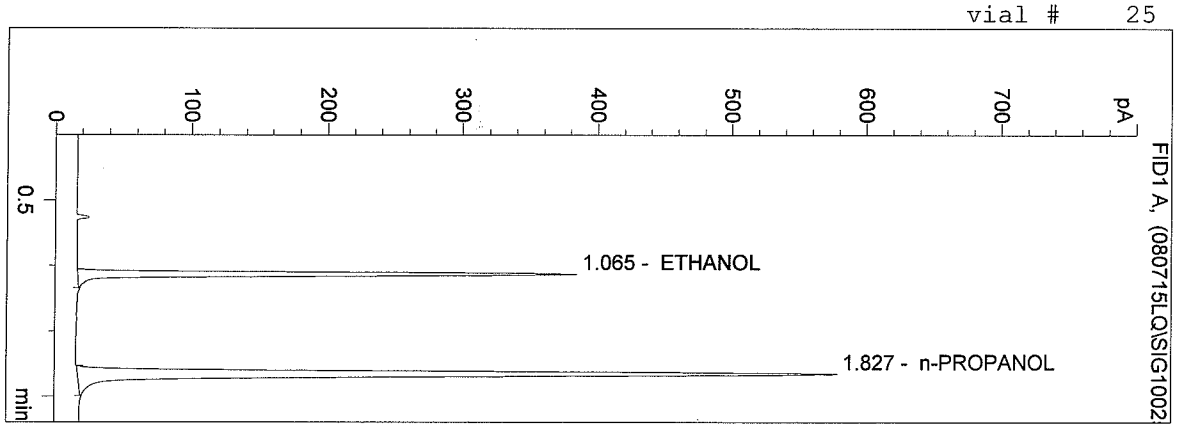
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/15/2008 4:18:18 PM
Instrument 3
db-alc2

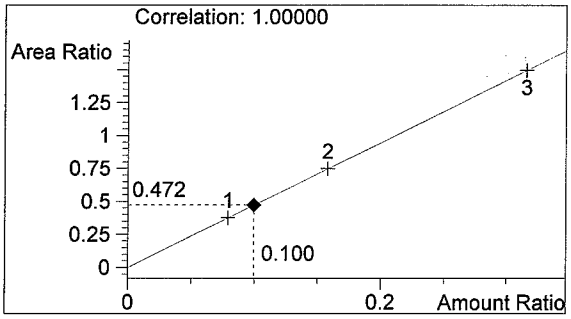
0.10 CONTROL LN
Lisa Noble

vial # 25

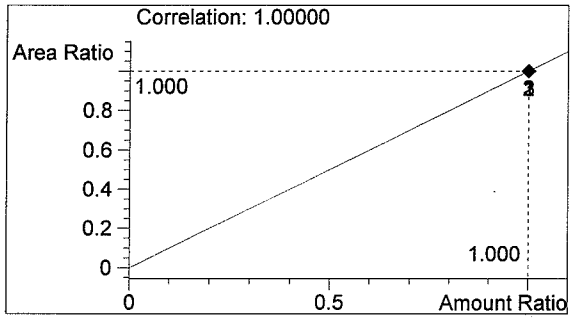


#	Compound	Area	RT
1	ETHANOL	746	1.065
2	n-PROPANOL	1582	1.827

Totals:



ETHANOL 0.100 g/100ml



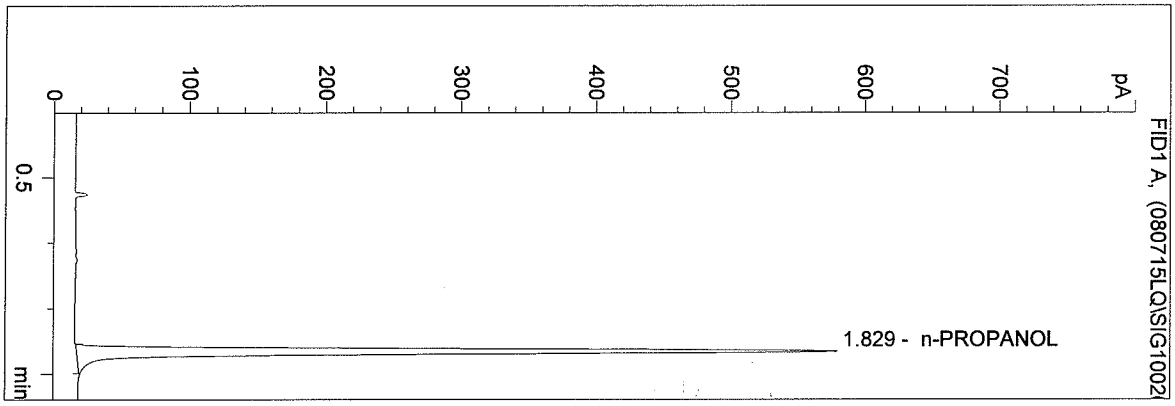
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

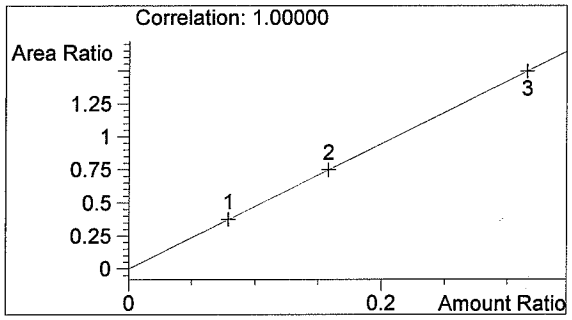
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/15/2008 4:21:25 PM
Instrument 3
db-alc2

BLANK LN
Lisa Noble

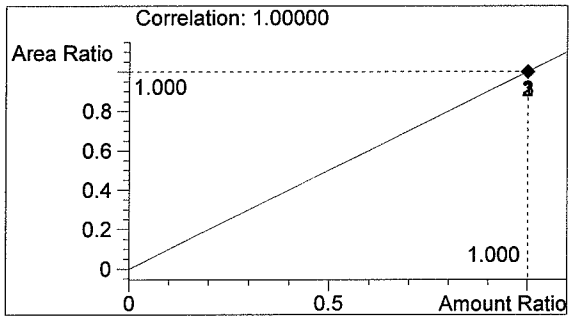
vial # 26



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1584	1.829
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml