Notice of Simulator Solution File Review

At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution data entry form along with a file review record and the chromatograms generated by the Toxicology Laboratory during the analyses of the solutions. This file has been reviewed by Tpr. Ken Denton and Mr. Rod Gullberg for accuracy and completeness. Where computations regarding simulator solution values have been found to be incorrect, the corrected values have been written in by Mr. Rod Gullberg along with initials and date. The corrected values were then evaluated to ensure that the solution still conformed to those standards established by the State Toxicologist.

Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear on their original affidavit along with a statement regarding their review of the results.

Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.

K.L.D 10/1/2007

Tpr. Ken Denton Date

R.G.G 10-1-07

Rod G. Gullberg Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROB GUNNESS Date 9-27-07

Location TOX LAB SEATTLE Batch Number 07011

Form Review Criteria

Preparation date precedes all analysis dates: Okay X Not Okay ___

Data entry corresponds to all chromatograms: Okay X Not Okay ___

All signatures present: Okay X Not Okay ___

Computations:

Avg. solution concentration: Correct X Not Correct ___

Standard deviation: Correct X Not Correct ___

Range: Correct X Not Correct ___

Precision: Correct X Not Correct ___

Equivalent vapor concent.: Correct X Not Correct ___

External Control Information
(lot # and future date): Correct X Not Correct ___

Complies with accuracy and precision requirements established by the State Toxicologist: Yes X No ___

Corrections Necessary:

Comments:

Reviewer Signature: _____ Date: 9-27-07

Reviewer Signature: _____ Date: 9/27/2007

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

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

Batch number **07011** Date: 4/26/2007

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

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12	Anal 13	Anal14	Anal 15	Anal 16
1	0.048	0.050	0.048													
2	0.049	0.048	0.048													
3	0.048	0.050	0.049													
4	0.049	0.050	0.049													
5	0.048	0.050	0.049													
Ctrl	0.099	0.100	0.098													

External Control:
Lot #: A048730 Exp date: 03/2011
Target concentration: 0.10 g/100mL

Statistics:
Avg. solution concent.: 0.0489 g/100 mL
SD: 0.00083
Range (3xSD): 0.0464 to 0.0514
Precision CV (%): 1.7051 %

Equivalent vapor concent.: 0.0398 g/210L

Analyst	Name	Signature	Date
1	Rebecca Flaherty		04/26/2007
2	Estuardo J. Miranda		04/30/2007
3	Brian Capron		05/01/2007
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Rebecca Flaherty according to the approved protocol

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

I, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The quality assurance solution, Lot Number 07011, was prepared in the Washington State Toxicology Laboratory on 4/26/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0489 grams per 100ml.

Dated: 5/3/2007
Seattle, WA

Rebecca Flaherty
Forensic Toxicologist

RF/jr
RFQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions. 9/28/07

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

I, Estuardo J. Miranda, do certify under penalty of perjury that:

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

I possess the following qualifications: Bachelor of Science in Chemistry, Master of Science in Zoology and nine years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 07011, was prepared in the Washington State Toxicology Laboratory on 4/26/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0489 grams per 100ml.

Dated: 5/3/2007
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
EMQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

9-28-07

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Brian Capron, 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 nine years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07011, was prepared in the Washington State Toxicology Laboratory on 4/26/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0489 grams per 100ml.

Dated: 5/3/2007
Seattle, WA

Brian Capron
Forensic Toxicologist

BC/jr
BCQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

Brian Capron 10.1.07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
4/26/2007 12:42:35 PM
Instrument 4
DB-ALC1

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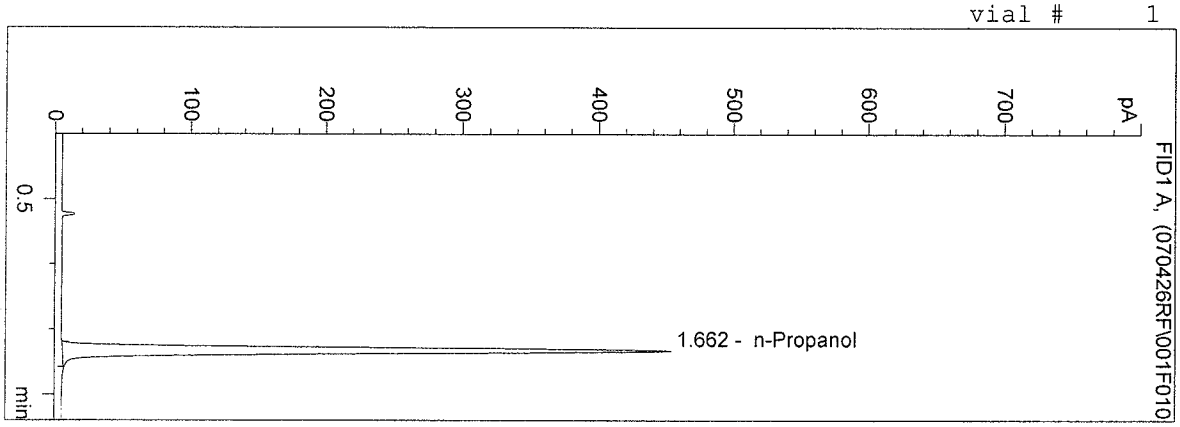
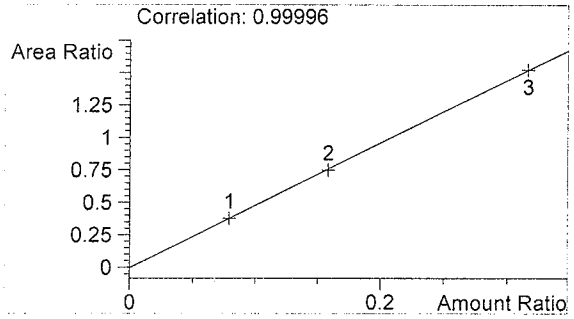
Rebecca Flaherty

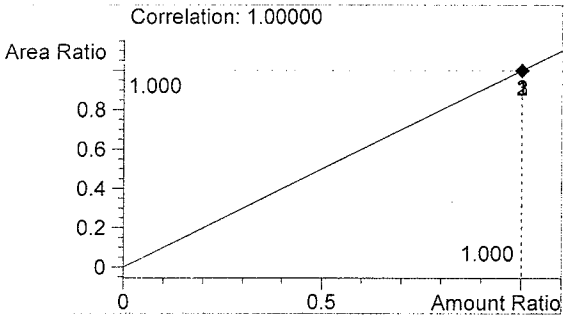
vial # 1



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1410	1.662
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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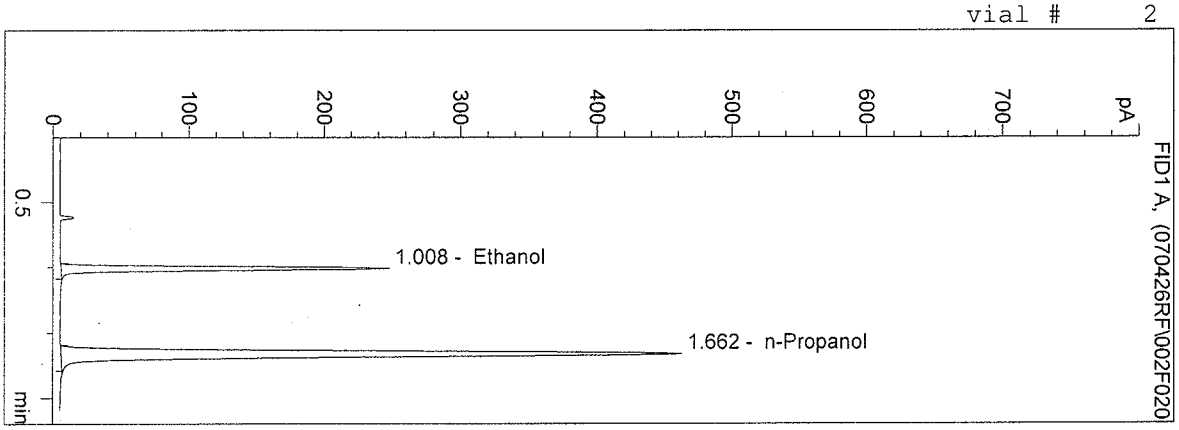
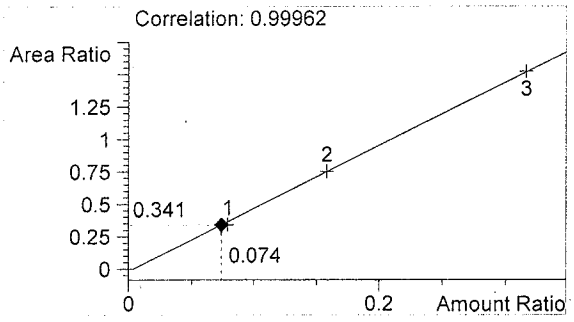
4/26/2007 12:45:53 PM
Instrument 4
DB-ALC1

0.079 CAL
Rebecca Flaherty

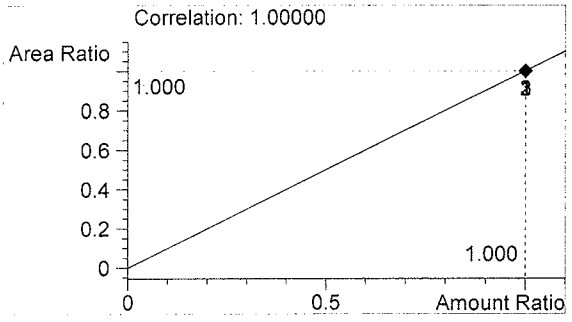
vial # 2



#	Compound	Area	RT
1	Ethanol	491	1.008
2	n-Propanol	1439	1.662
Totals:			



Ethanol 0.074 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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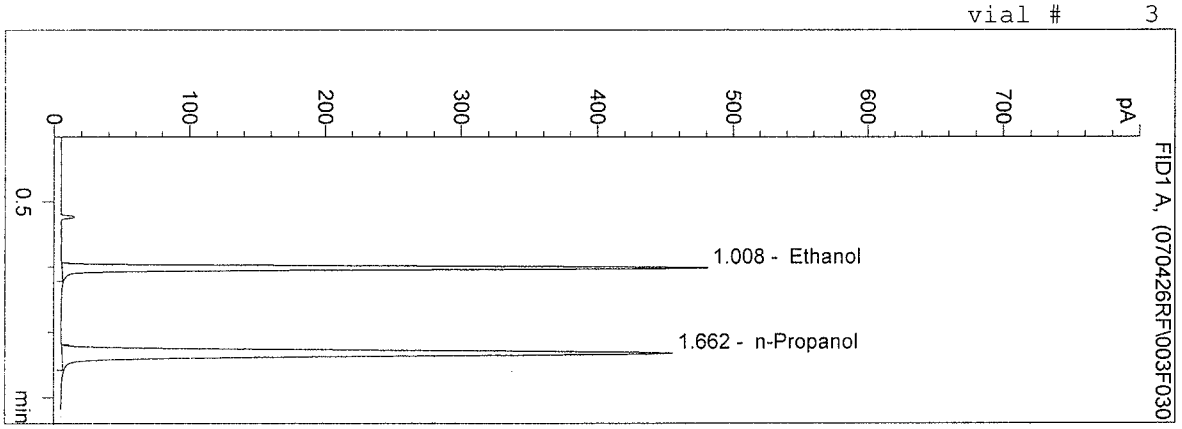
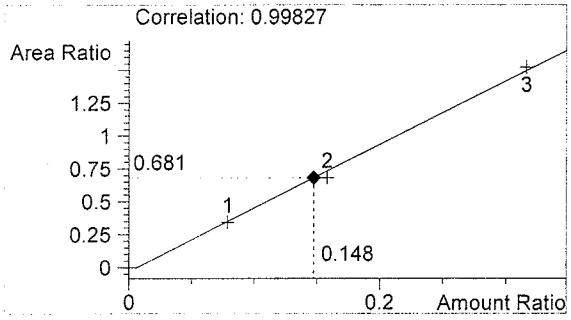
4/26/2007 12:49:08 PM
Instrument 4
DB-ALC1

0.158 CAL
Rebecca Flaherty

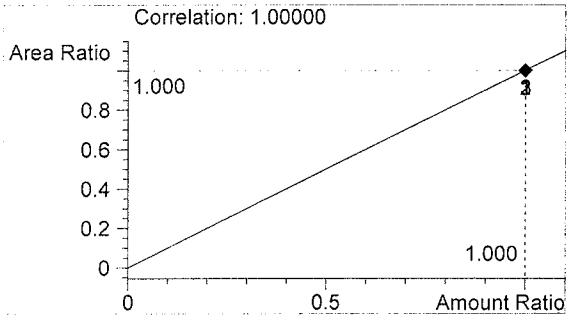
vial # 3



#	Compound	Area	RT
1	Ethanol	964	1.008
2	n-Propanol	1416	1.662
Totals:			



Ethanol 0.148 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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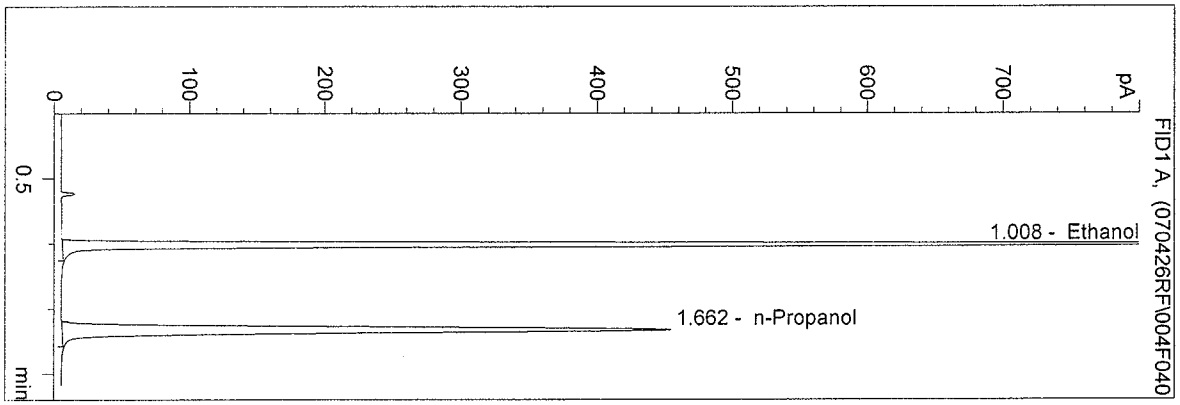
4/26/2007 12:52:19 PM
Instrument 4
DB-ALC1

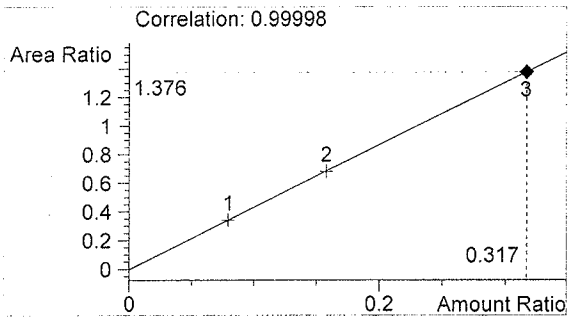
0.316 CAL
Rebecca Flaherty

vial # 4

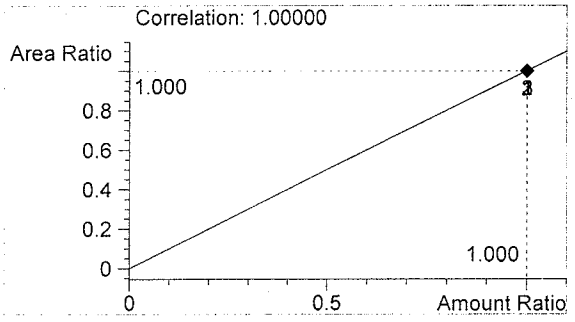


#	Compound	Area	RT
1	Ethanol	1942	1.008
2	n-Propanol	1411	1.662

Totals:



Ethanol 0.317 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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4/26/2007 12:55:32 PM
Instrument 4
DB-ALC1

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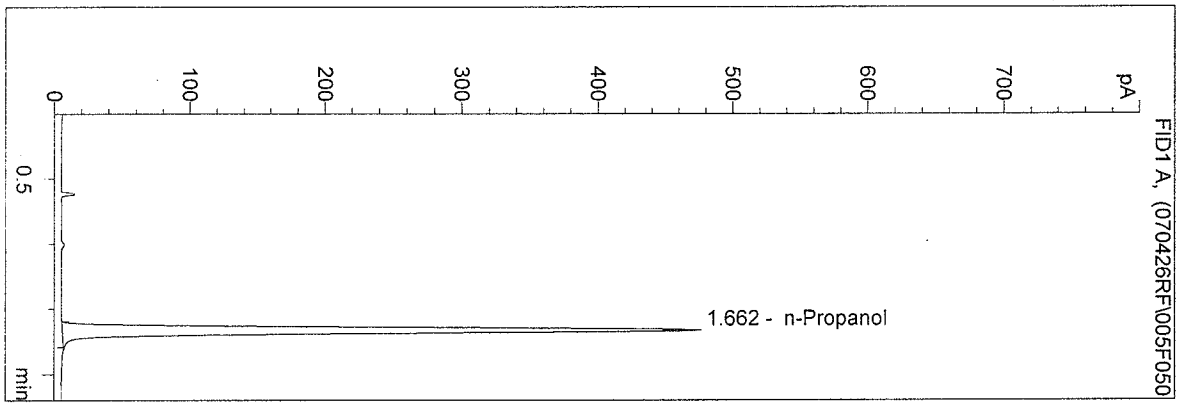
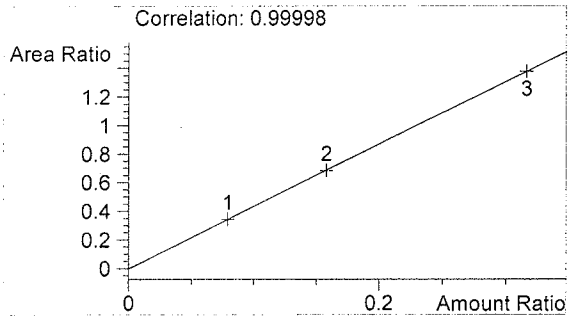
Rebecca Flaherty

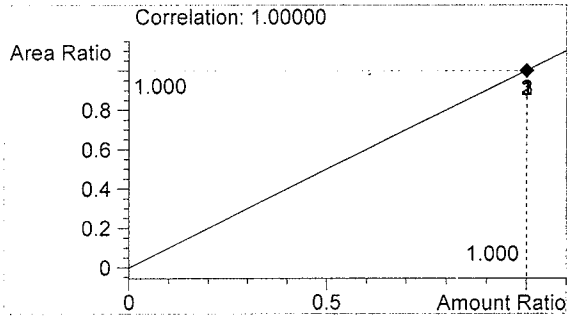
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1485	1.662
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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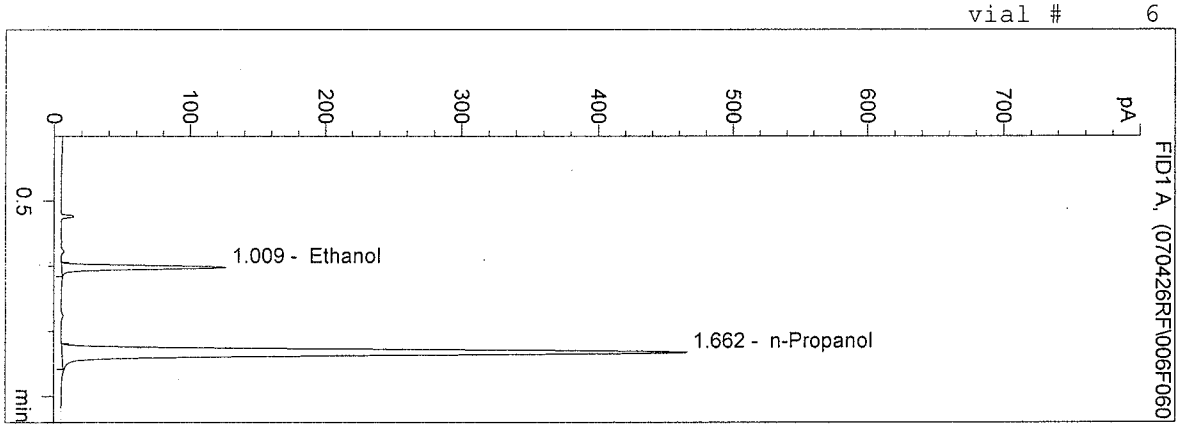
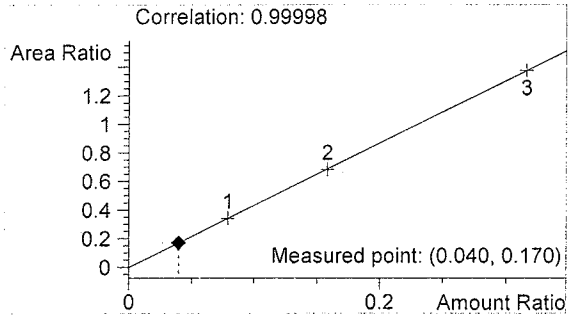
4/26/2007 12:58:45 PM
Instrument 4
DB-ALC1

0.04 CONTROL rf
Rebecca Flaherty

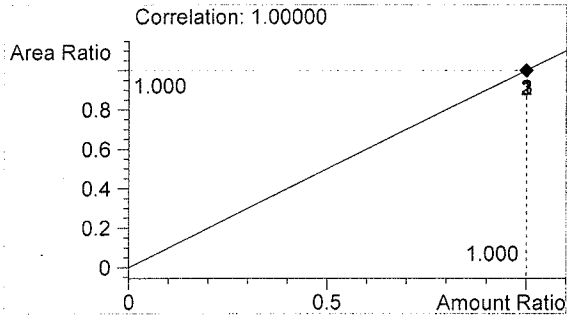
vial # 6



#	Compound	Area	RT
1	Ethanol	246	1.009
2	n-Propanol	1449	1.662
Totals:			



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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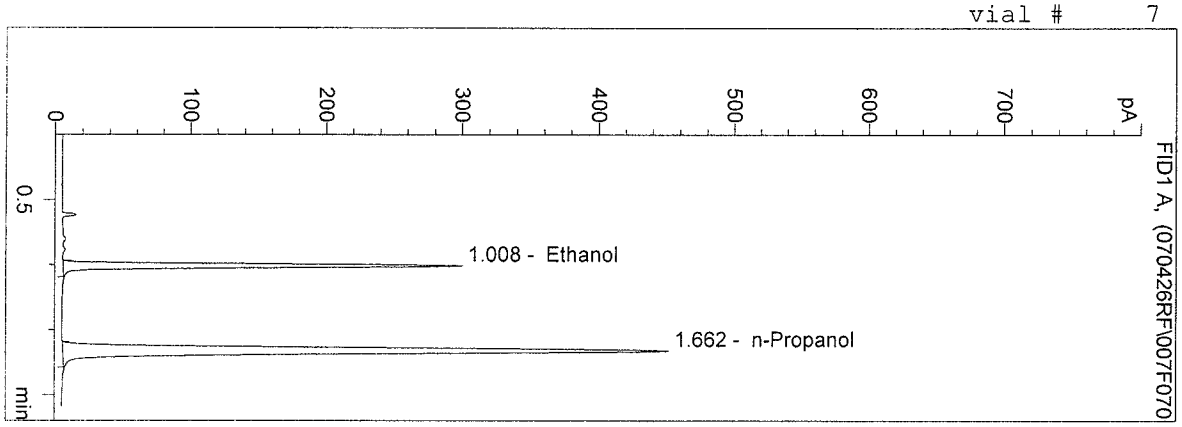
4/26/2007 1:04:20 PM
Instrument 4
DB-ALC1

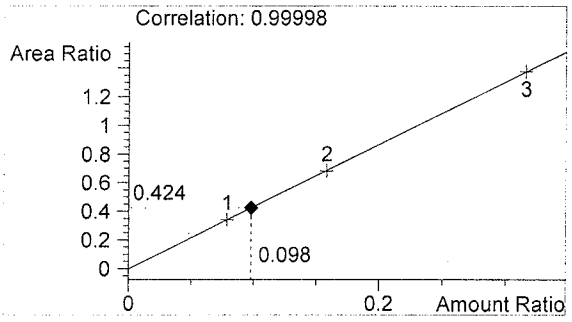
0.10 CONTROL rf
Rebecca Flaherty

vial # 7

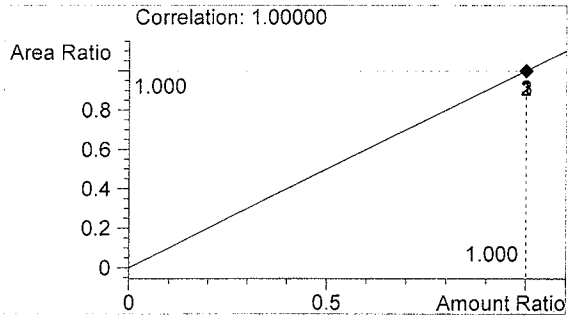


#	Compound	Area	RT
1	Ethanol	595	1.008
2	n-Propanol	1403	1.662

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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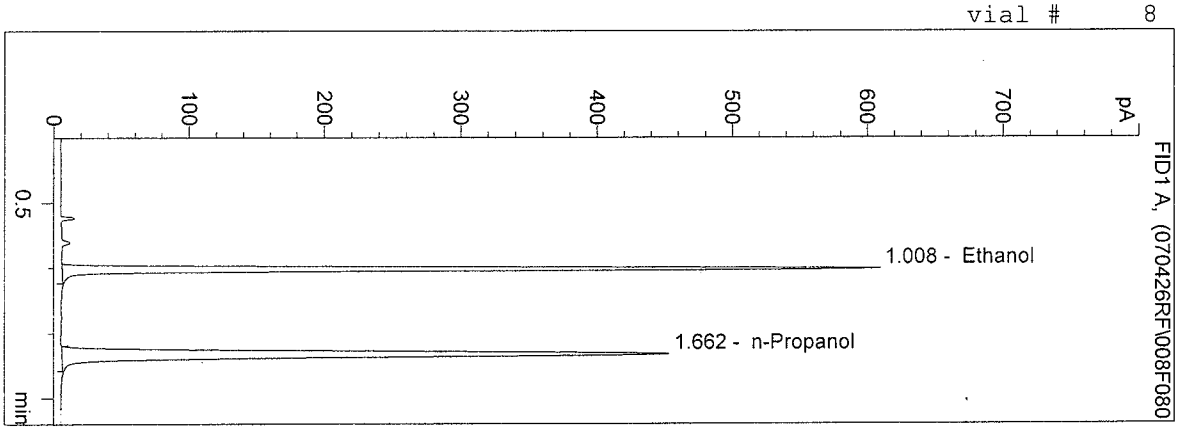
4/26/2007 1:07:34 PM
Instrument 4
DB-ALC1

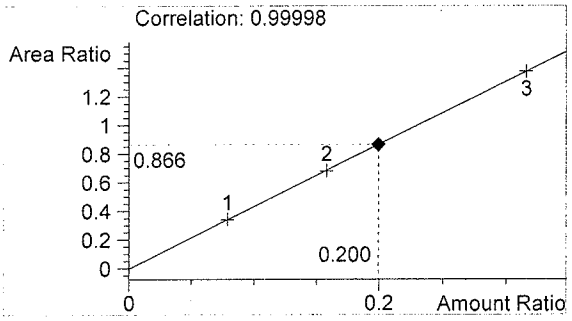
0.20 CONTROL rf
Rebecca Flaherty

vial # 8

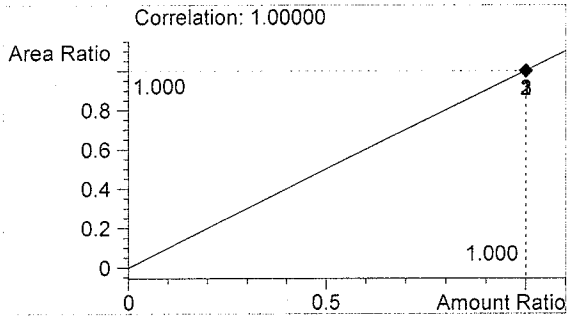


#	Compound	Area	RT
1	Ethanol	1218	1.008
2	n-Propanol	1406	1.662

Totals:



Ethanol 0.200 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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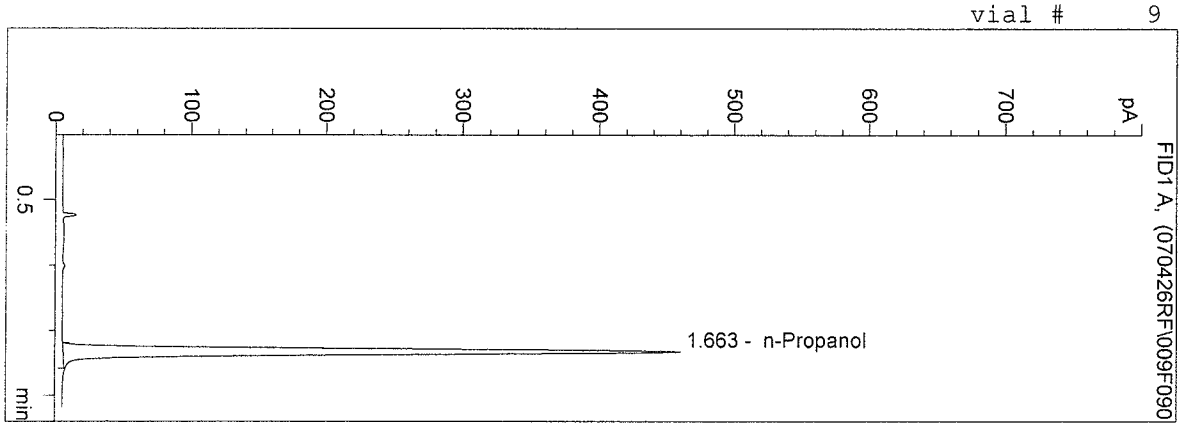
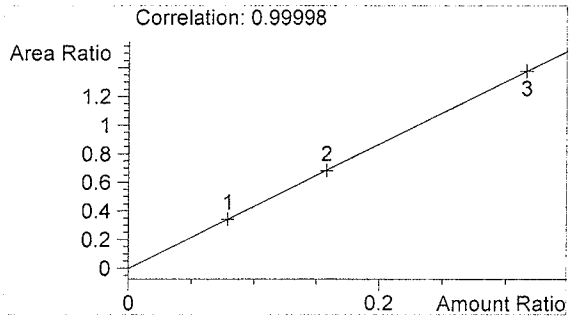
4/26/2007 1:10:51 PM BLANK
Instrument 4 Rebecca Flaherty
DB-ALC1

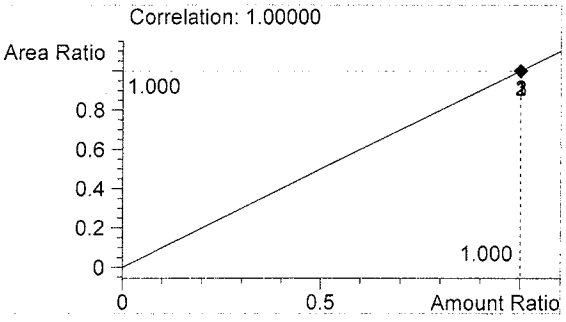
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1431	1.663
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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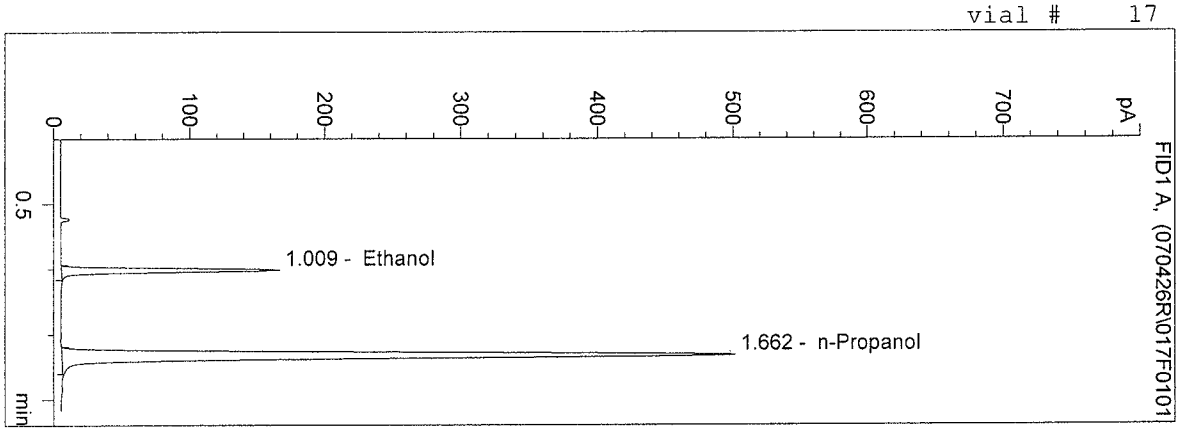
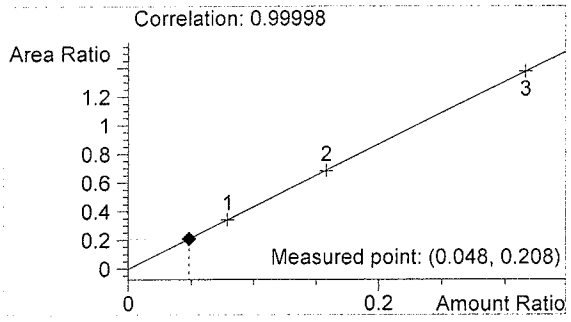
4/26/2007 3:45:45 PM
Instrument 4
DB-ALC1

07011 - QA04A
Rebecca Flaherty

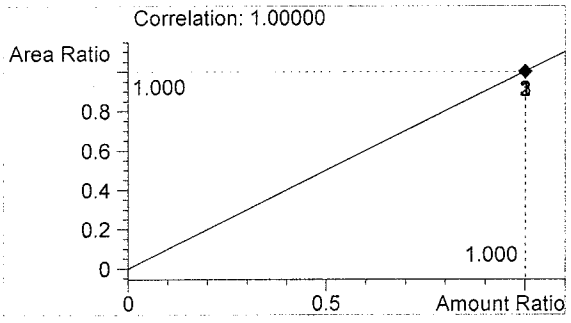
vial # 17



#	Compound	Area	RT
1	Ethanol	325	1.009
2	n-Propanol	1565	1.662
Totals:			



Ethanol 0.048 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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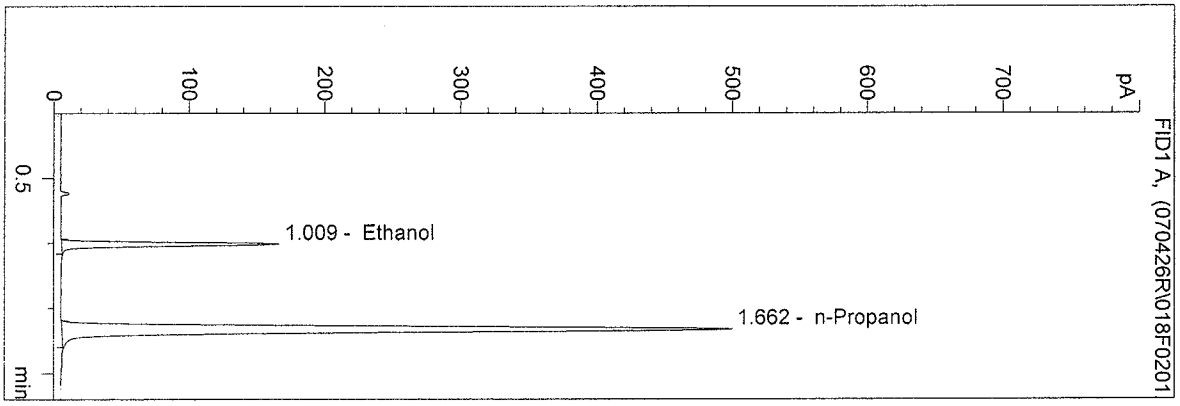
Instrument 4
DB-ALC1

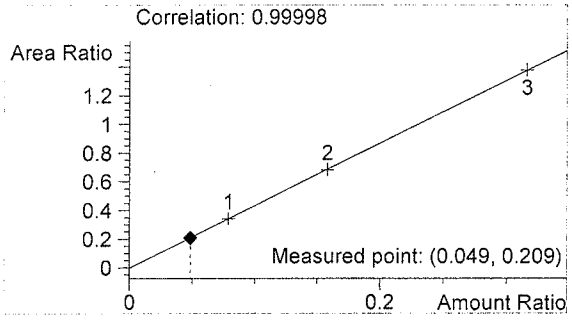
07011 - QA04B
Rebecca Flaherty

vial # 18

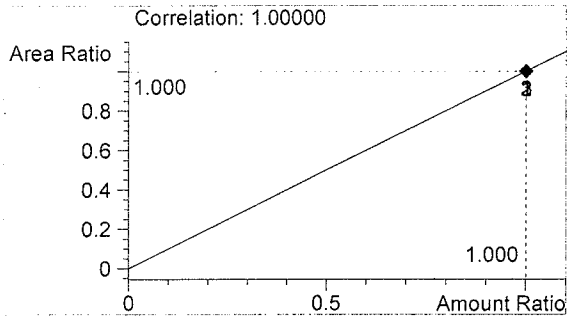


#	Compound	Area	RT
1	Ethanol	325	1.009
2	n-Propanol	1558	1.662

Totals:



Ethanol 0.049 g/100ml



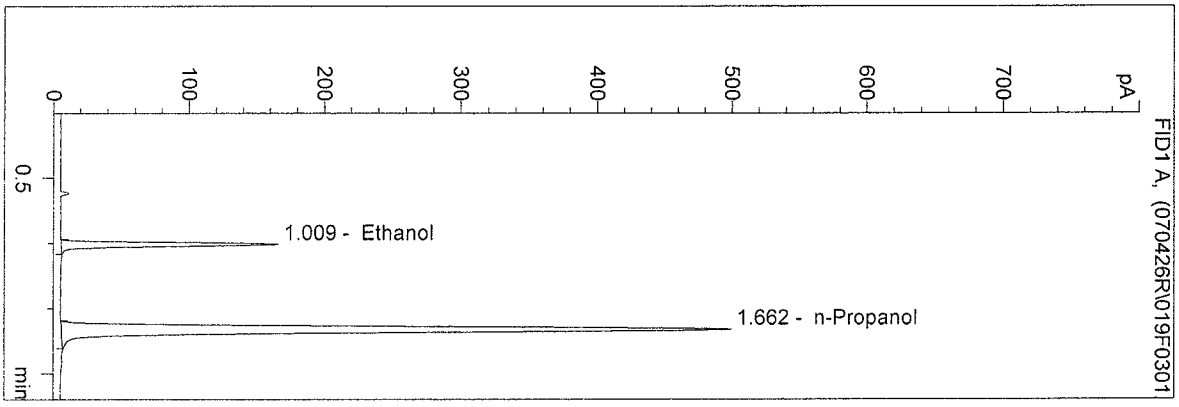
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

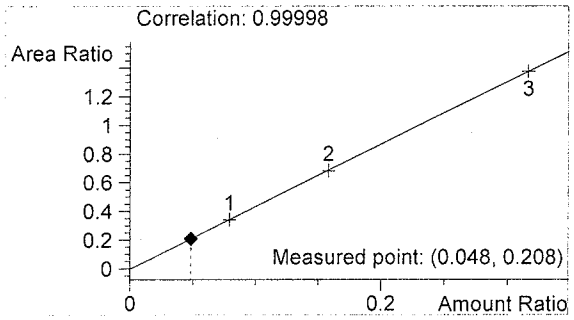
D:\HPCHEM\1\METHODS\BLDALCO.M
4/26/2007 3:52:17 PM
Instrument 4
DB-ALC1

07011 - QA04C
Rebecca Flaherty

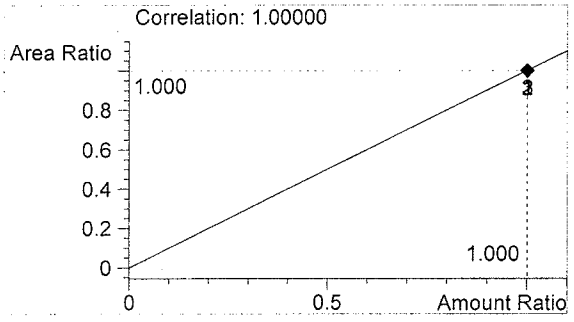
vial # 19



#	Compound	Area	RT
1	Ethanol	324	1.009
2	n-Propanol	1556	1.662
Totals:			



Ethanol 0.048 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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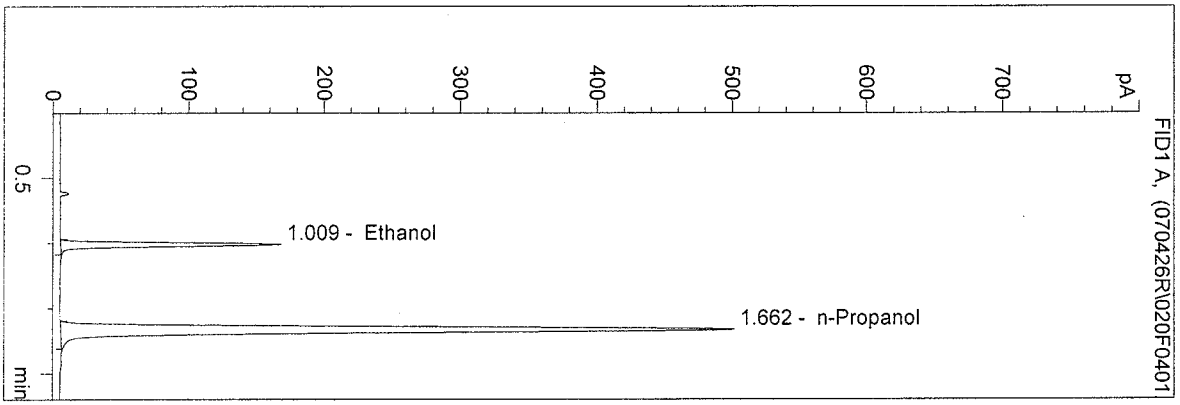
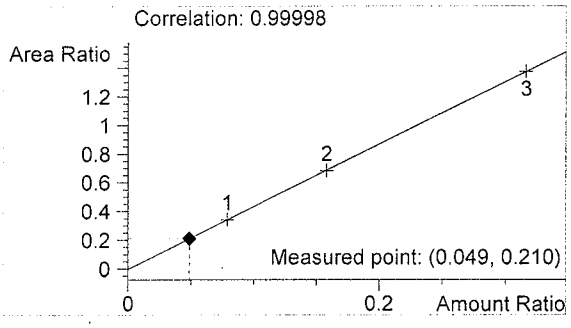
4/26/2007 3:55:31 PM
Instrument 4
DB-ALC1

07011 - QA04D
Rebecca Flaherty

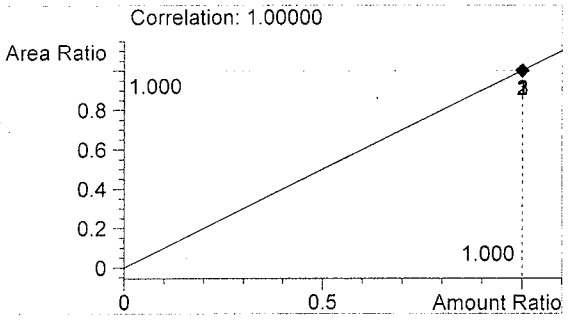
vial # 20



#	Compound	Area	RT
1	Ethanol	329	1.009
2	n-Propanol	1566	1.662
Totals:			



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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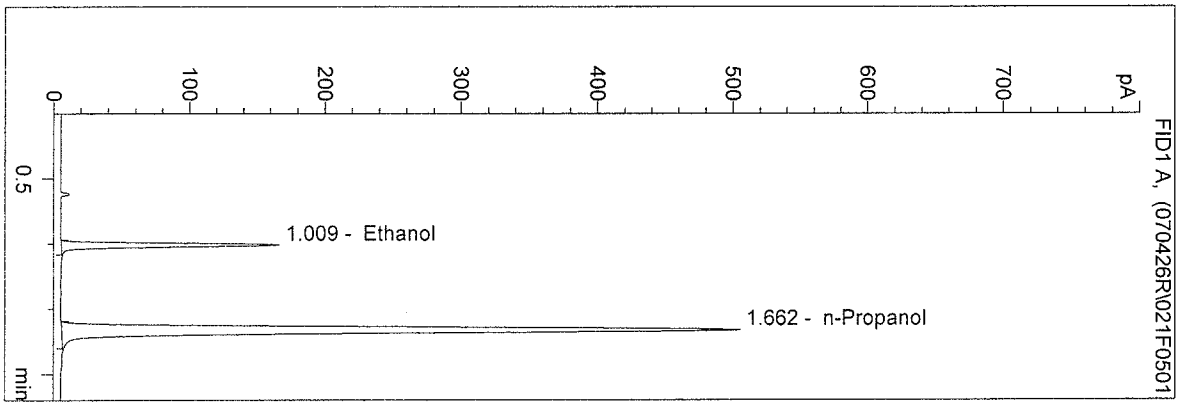
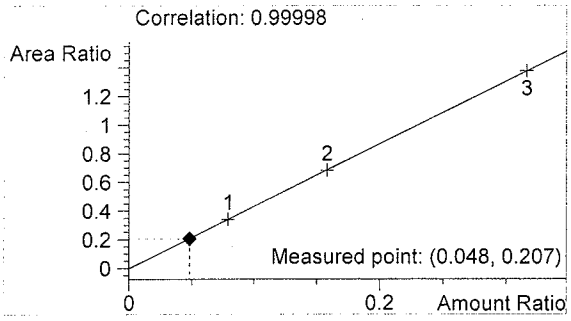
Instrument 4
DB-ALC1

07011 - QA04E
Rebecca Flaherty

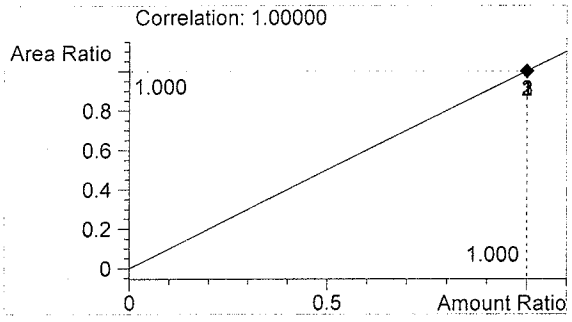
vial # 21



#	Compound	Area	RT
1	Ethanol	326	1.009
2	n-Propanol	1575	1.662
Totals:			



Ethanol 0.048 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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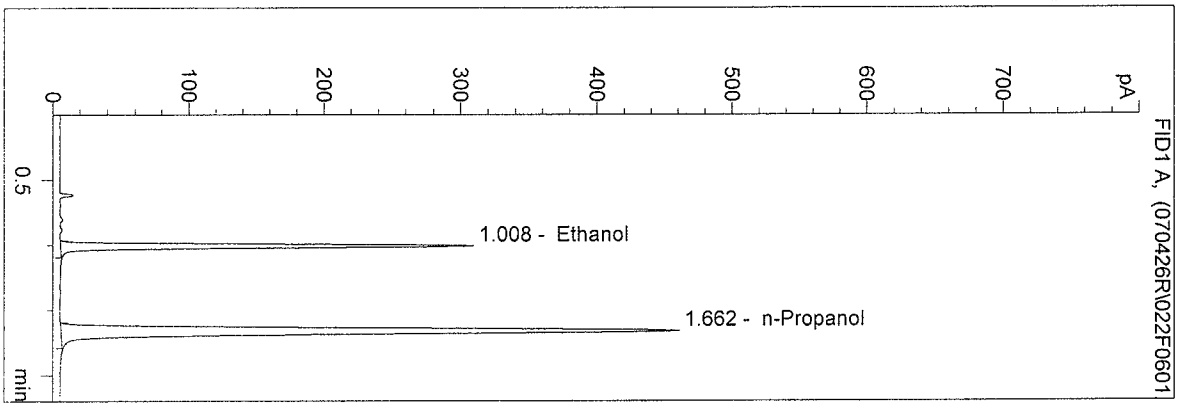
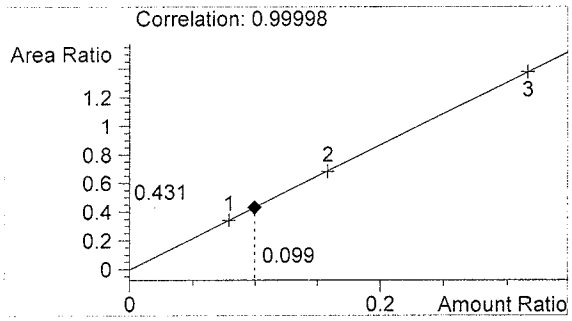
4/26/2007 4:02:05 PM
Instrument 4
DB-ALC1

0.10 CONTROL rf
Rebecca Flaherty

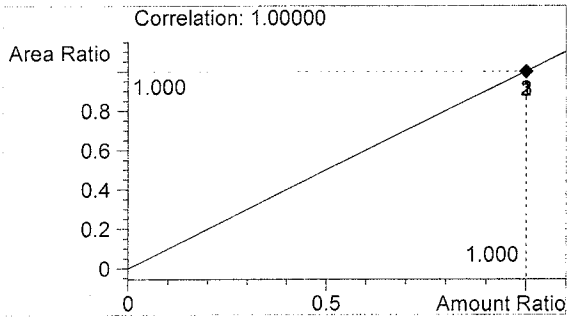
vial # 22



#	Compound	Area	RT
1	Ethanol	618	1.008
2	n-Propanol	1436	1.662
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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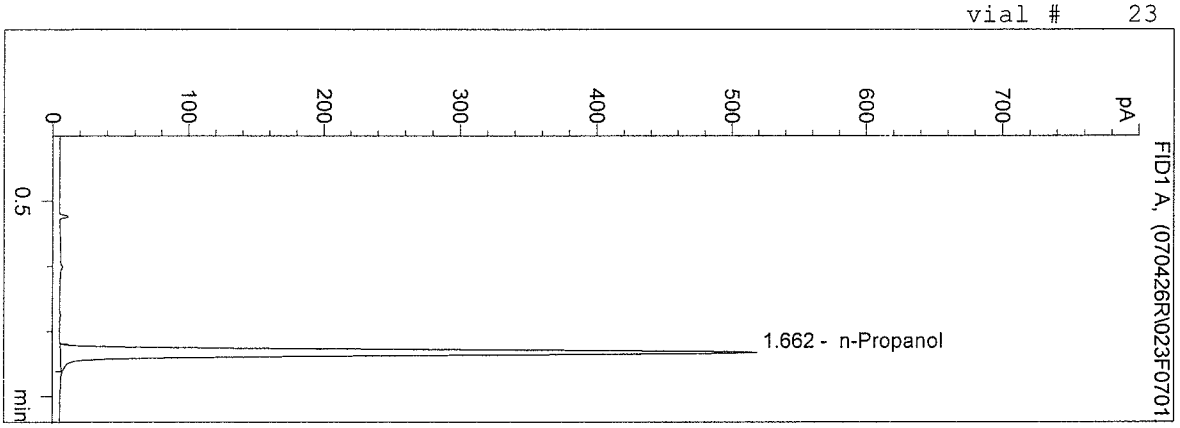
4/26/2007 4:07:26 PM
Instrument 4
DB-ALC1

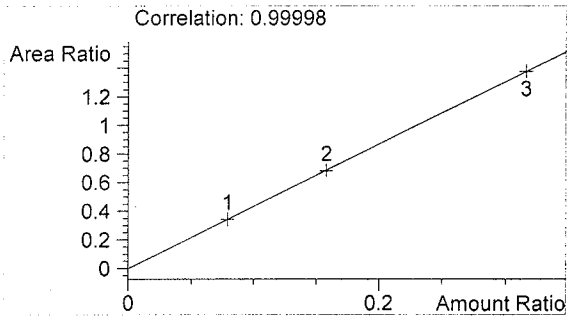
Blank
Rebecca Flaherty

vial # 23

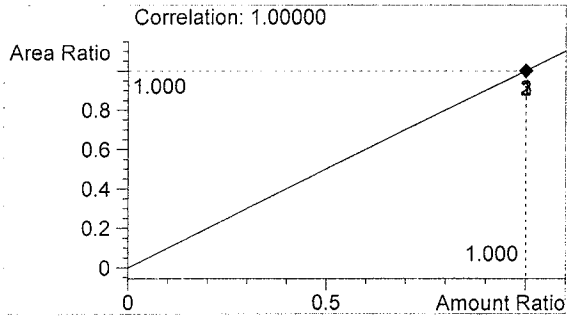


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1620	1.662

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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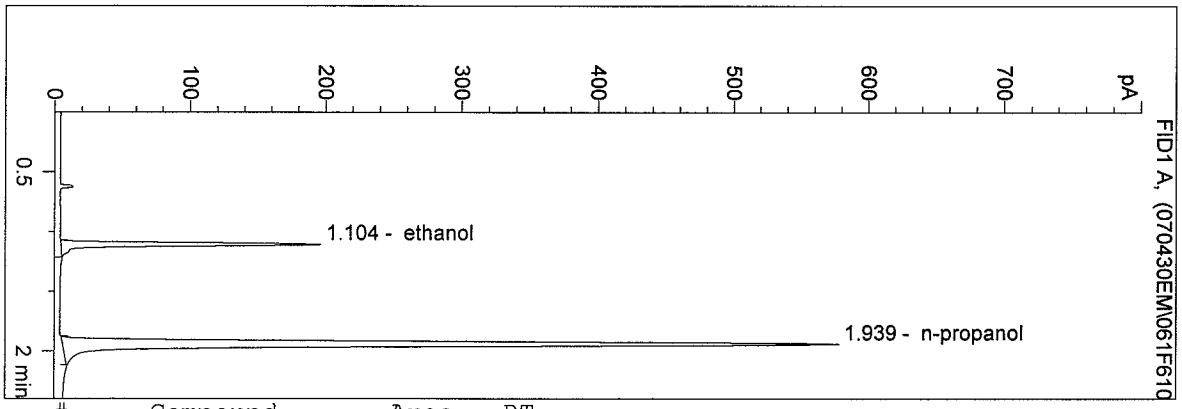
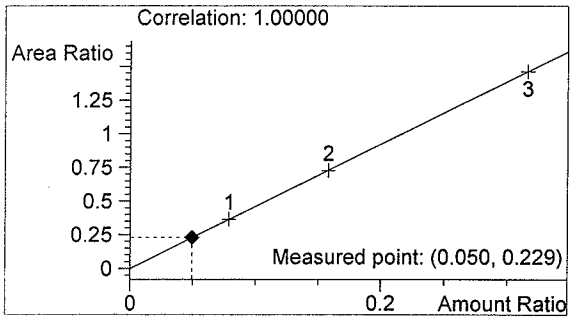
4/30/2007 4:57:20 PM
Instrument 5
DB-ALC2

Q.A. Sol 07011-1
Estuardo J. Miranda

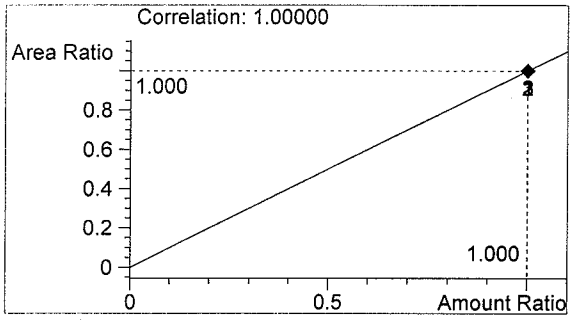
vial # 61



#	Compound	Area	RT
1	ethanol	389	1.104
2	n-propanol	1700	1.939
Totals:			



ethanol 0.050 g/100ml



n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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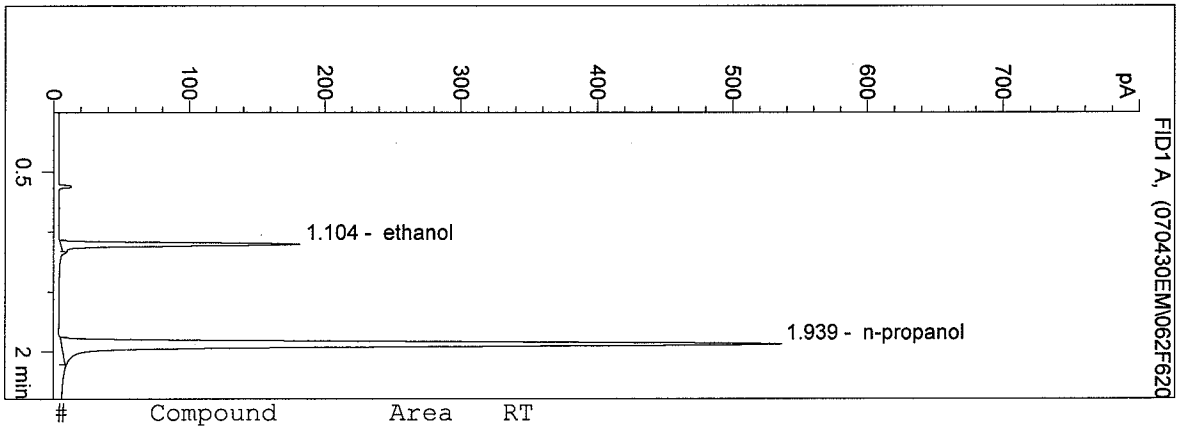
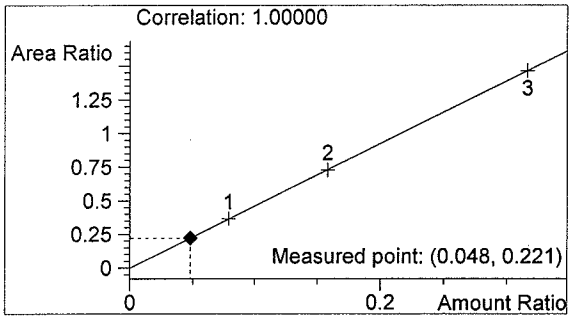
4/30/2007 5:10:12 PM
Instrument 5
DB-ALC2

Q.A. Sol 07011-2
Estuardo J. Miranda

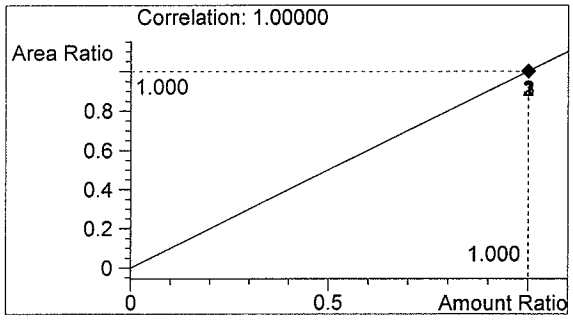
vial # 62



#	Compound	Area	RT
1	ethanol	346	1.104
2	n-propanol	1569	1.939
Totals:			



ethanol 0.048 g/100ml



n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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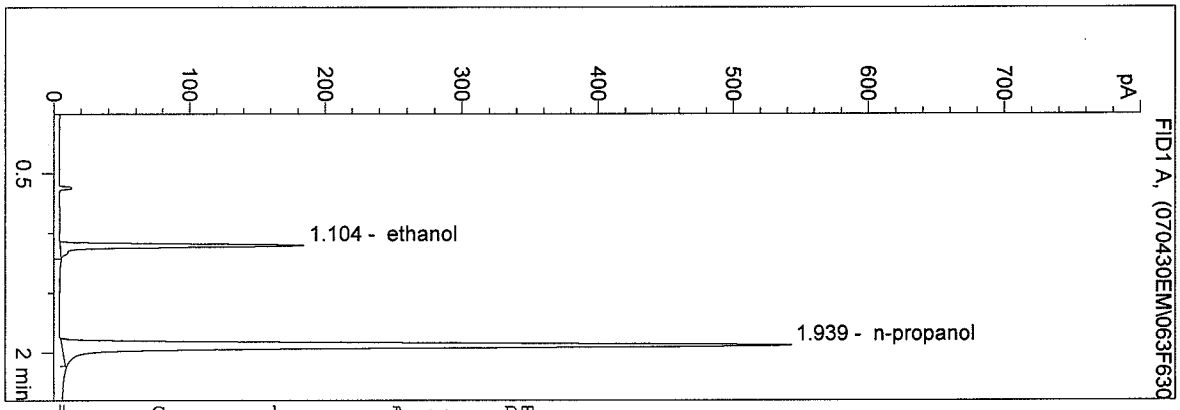
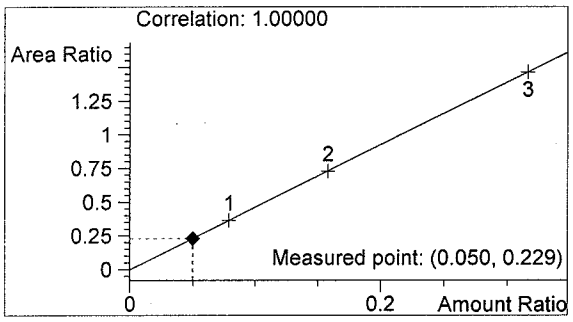
4/30/2007 5:13:42 PM
Instrument 5
DB-ALC2

Q.A. Sol 07011-3
Estuardo J. Miranda

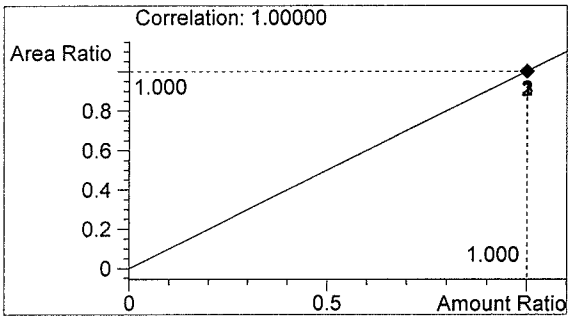
vial # 63



#	Compound	Area	RT
1	ethanol	364	1.104
2	n-propanol	1591	1.939
Totals:			



ethanol 0.050 g/100ml



n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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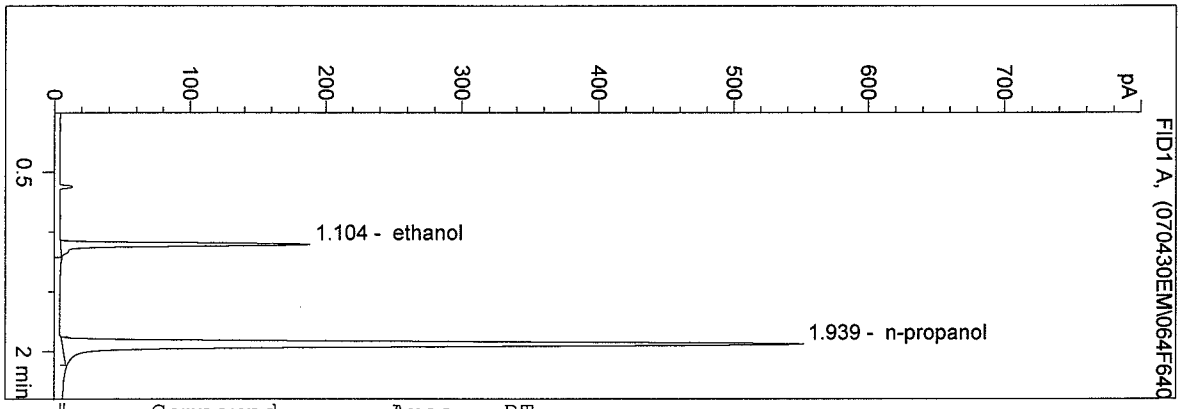
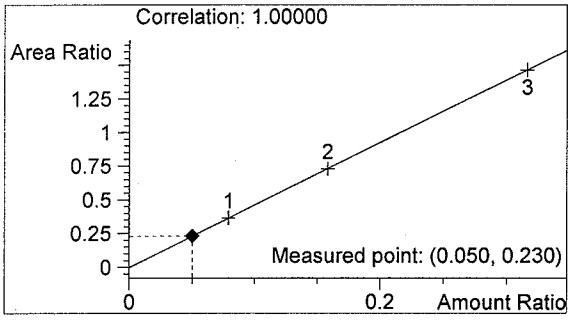
4/30/2007 5:17:09 PM
Instrument 5
DB-ALC2

Q.A. Sol 07011-4
Estuardo J. Miranda

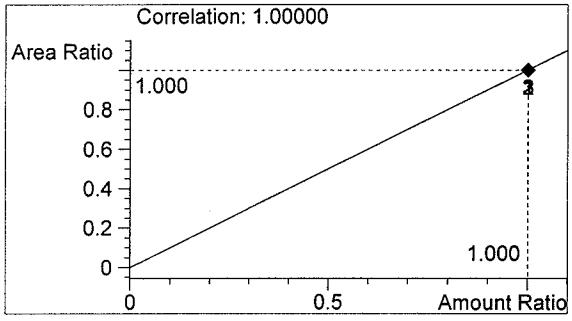
vial # 64



#	Compound	Area	RT
1	ethanol	374	1.104
2	n-propanol	1622	1.939
Totals:			



ethanol 0.050 g/100ml



n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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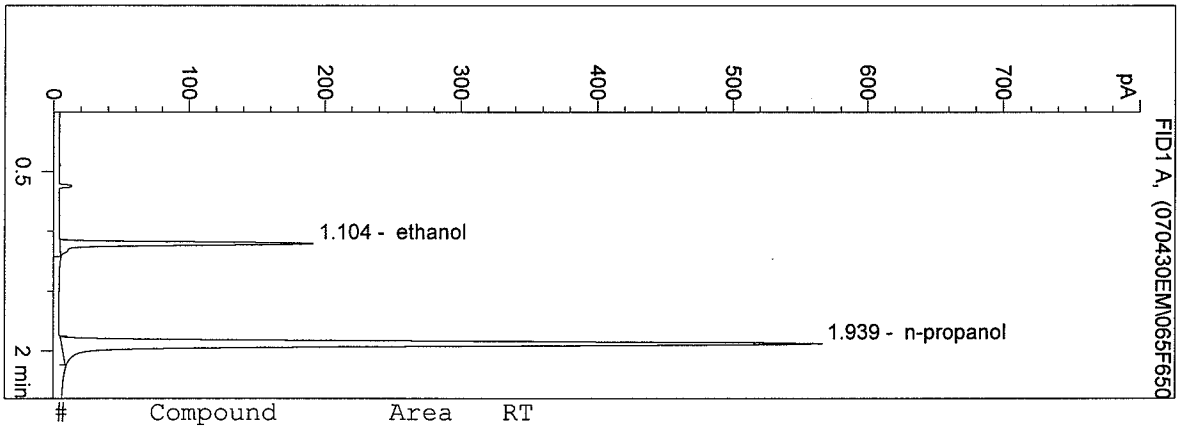
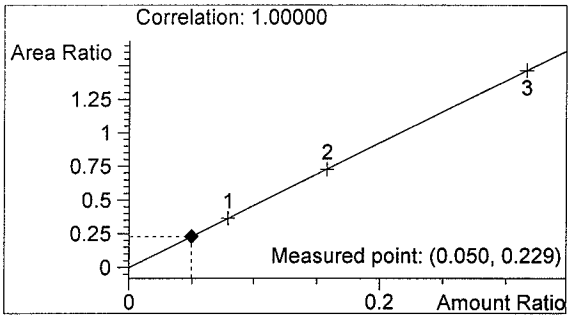
4/30/2007 5:20:34 PM
Instrument 5
DB-ALC2

Q.A. Sol 07011-5
Estuardo J. Miranda

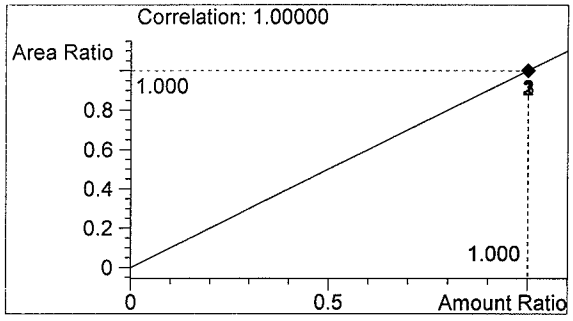
vial # 65



#	Compound	Area	RT
1	ethanol	381	1.104
2	n-propanol	1664	1.939
Totals:			



ethanol 0.050 g/100ml



n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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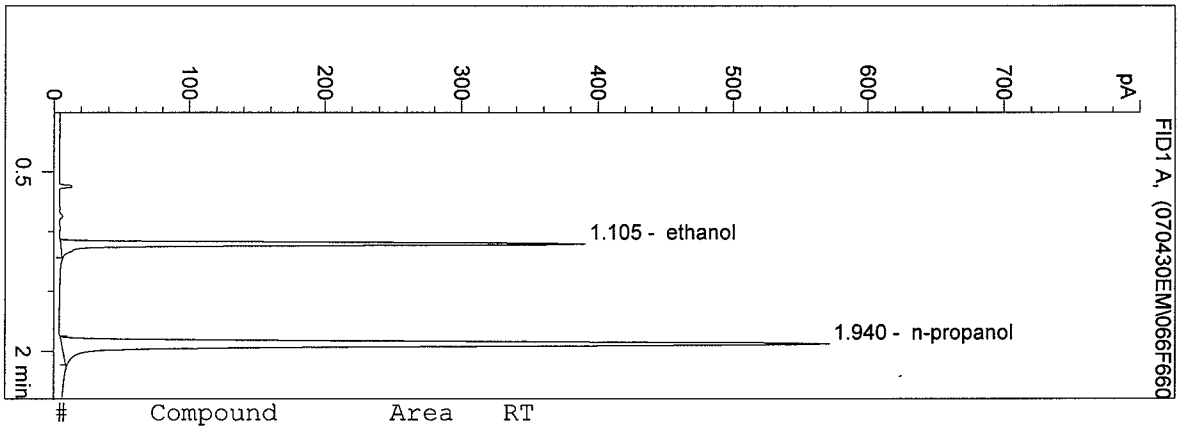
4/30/2007 5:23:58 PM
Instrument 5
DB-ALC2

0.100 Control EM
~~BLANK~~ 9-28-07

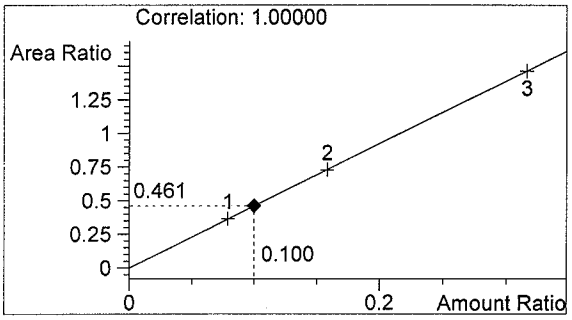
Estuardo J. Miranda

vial # 66

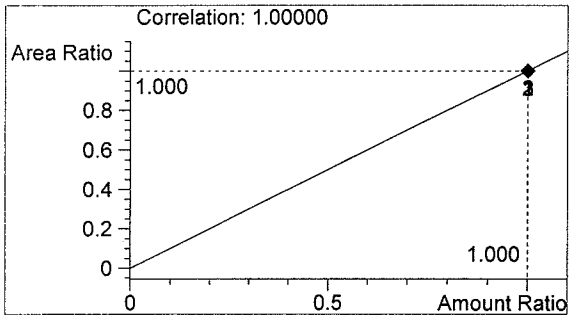


#	Compound	Area	RT
1	ethanol	774	1.105
2	n-propanol	1678	1.940

Totals:



ethanol 0.100 g/100ml



n-propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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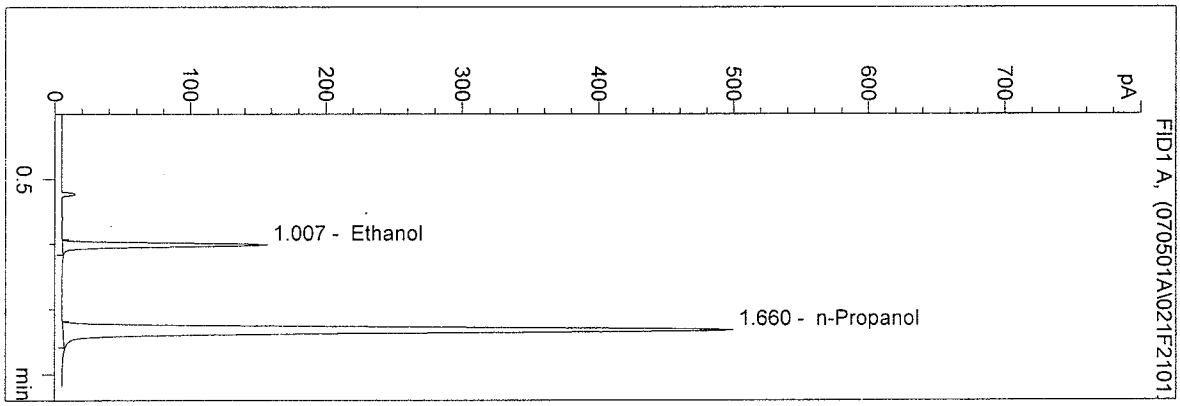
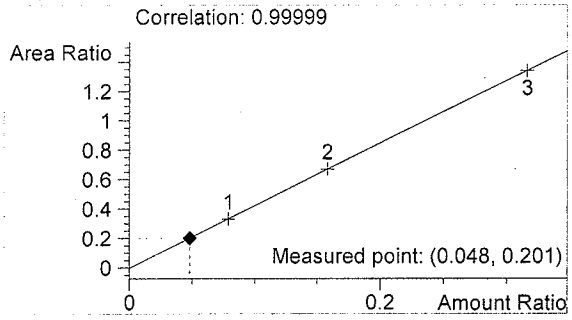
5/1/2007 8:04:15 AM 07011
Instrument 4 bcapron
DB-ALC1

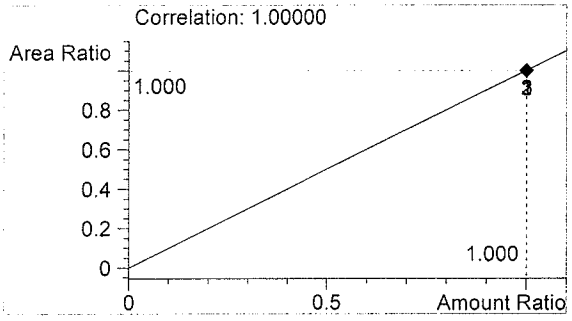
vial # 21



#	Compound	Area	RT
1	Ethanol	315	1.007
2	n-Propanol	1567	1.660
Totals:			



Ethanol 0.048 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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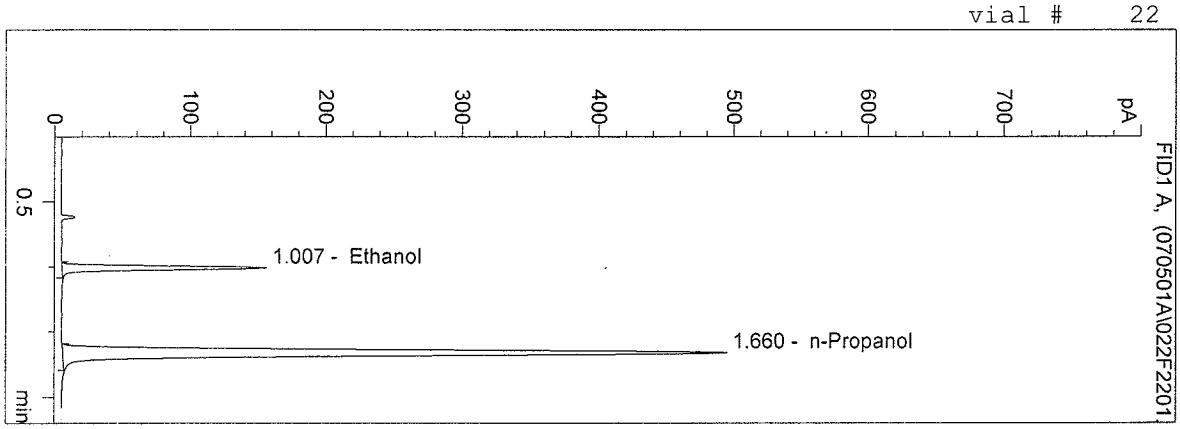
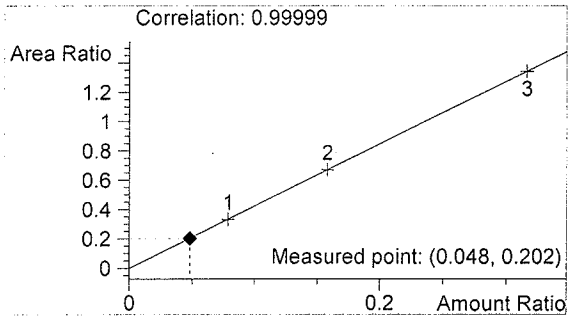
5/1/2007 8:07:31 AM 07011
Instrument 4 bcapron
DB-ALC1

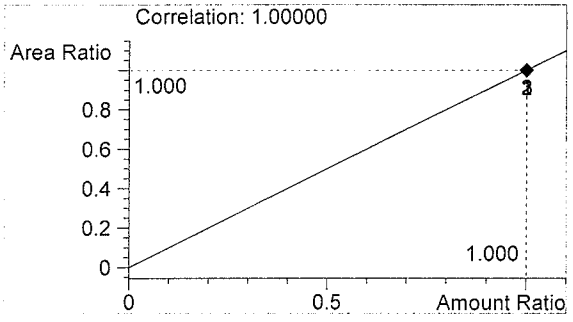
vial # 22



#	Compound	Area	RT
1	Ethanol	315	1.007
2	n-Propanol	1555	1.660
Totals:			



Ethanol 0.048 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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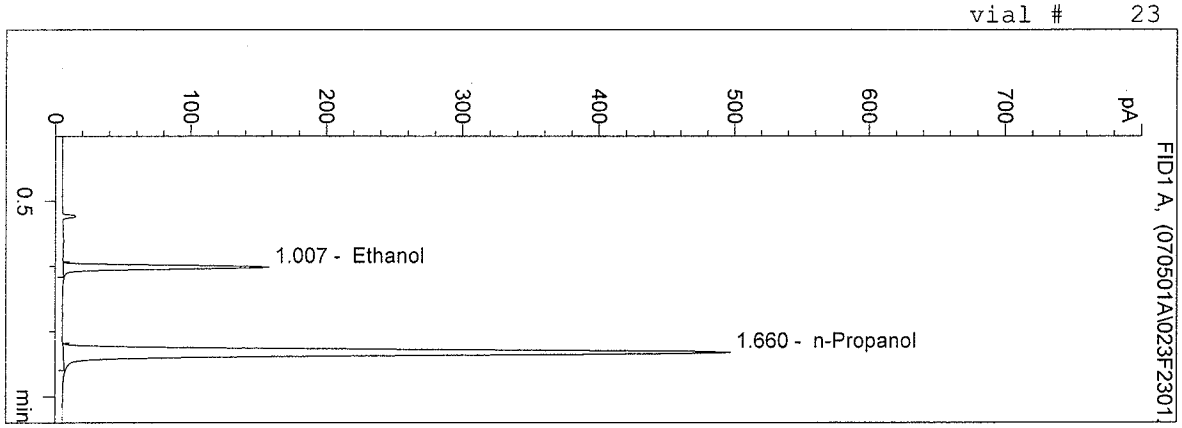
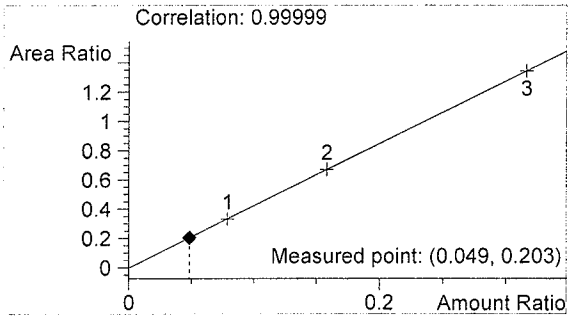
5/1/2007 8:12:58 AM 07011
Instrument 4 bcapron
DB-ALC1

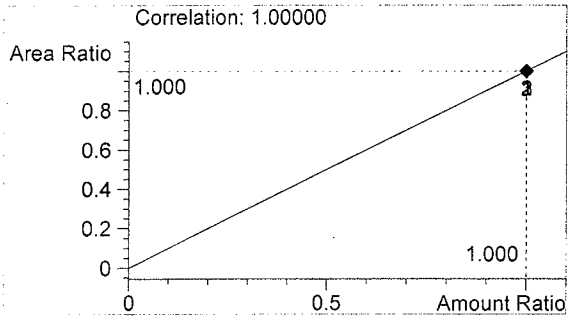
vial # 23



#	Compound	Area	RT
1	Ethanol	316	1.007
2	n-Propanol	1558	1.660
Totals:			



Ethanol 0.049 g/100ml

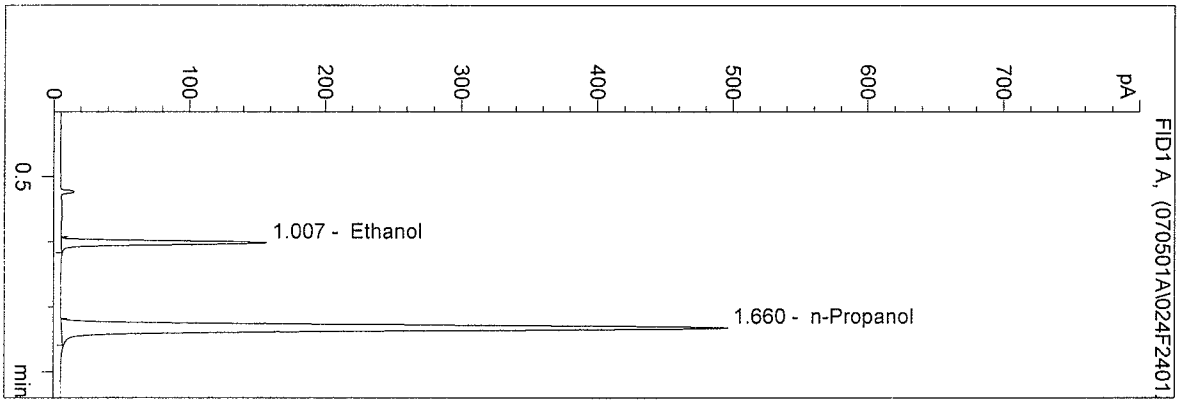


n-Propanol 1.000 g/100ml

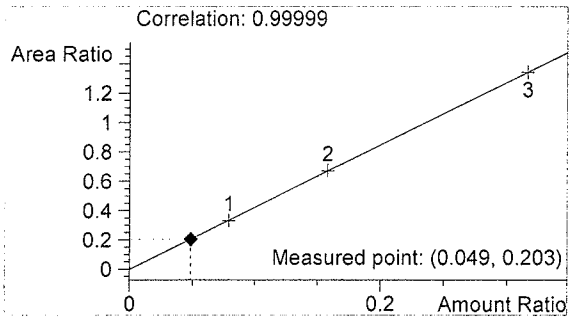
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/1/2007 8:16:19 AM 07011
Instrument 4 bcapron
DB-ALC1

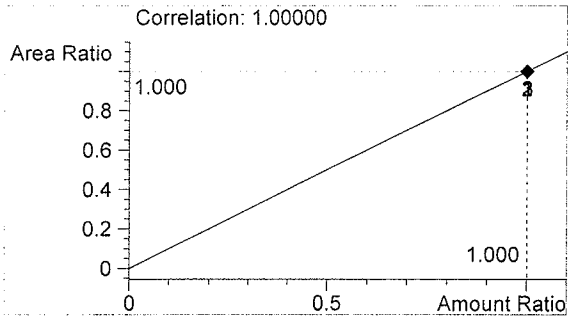
vial # 24



#	Compound	Area	RT
1	Ethanol	317	1.007
2	n-Propanol	1556	1.660
Totals:			



Ethanol 0.049 g/100ml

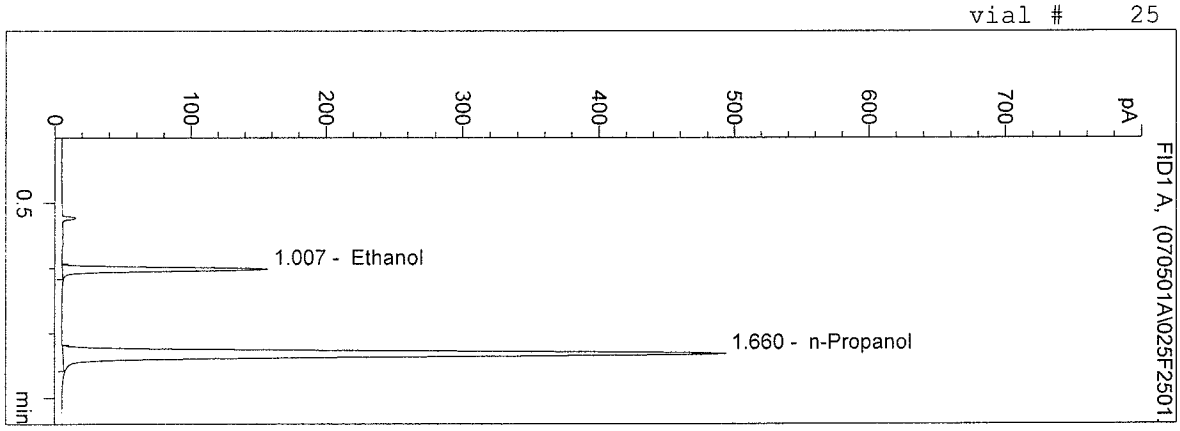


n-Propanol 1.000 g/100ml

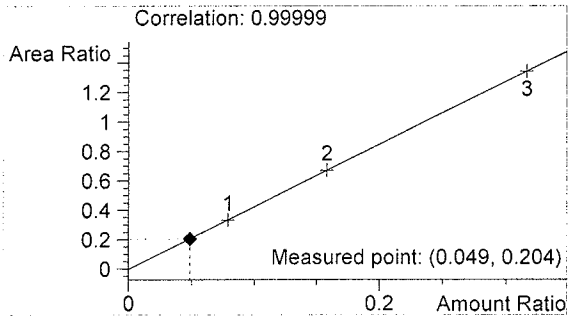
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
5/1/2007 8:19:40 AM 07011
Instrument 4 bcapron
DB-ALC1

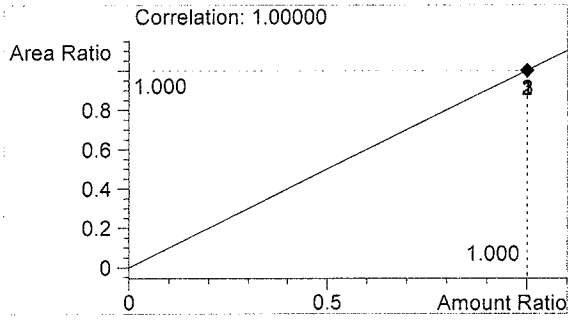
vial # 25



#	Compound	Area	RT
1	Ethanol	316	1.007
2	n-Propanol	1547	1.660
Totals:			



Ethanol 0.049 g/100ml



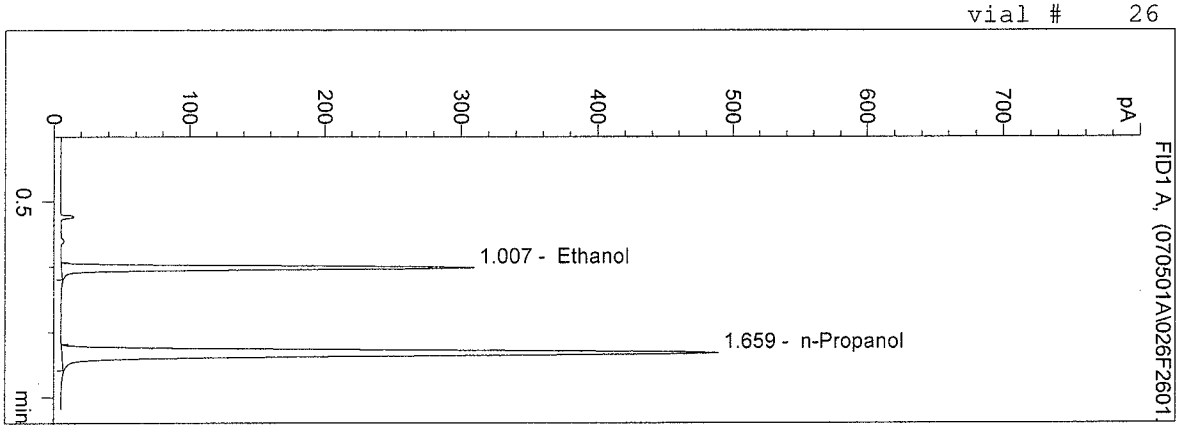
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

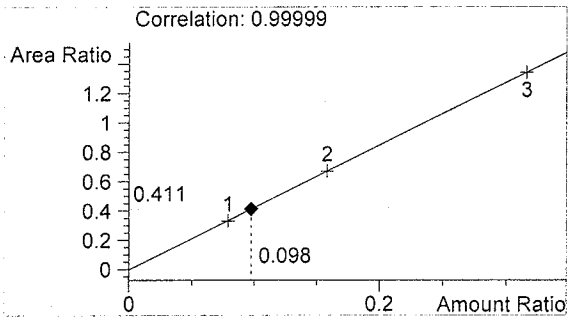
D:\HPCHEM\1\METHODS\BLDALCO.M
5/1/2007 8:23:00 AM
Instrument 4
DB-ALC1

0.10 control bc
bcapron

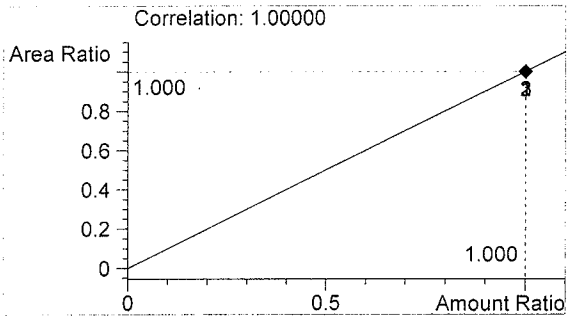
vial # 26



#	Compound	Area	RT
1	Ethanol	630	1.007
2	n-Propanol	1531	1.659
Totals:			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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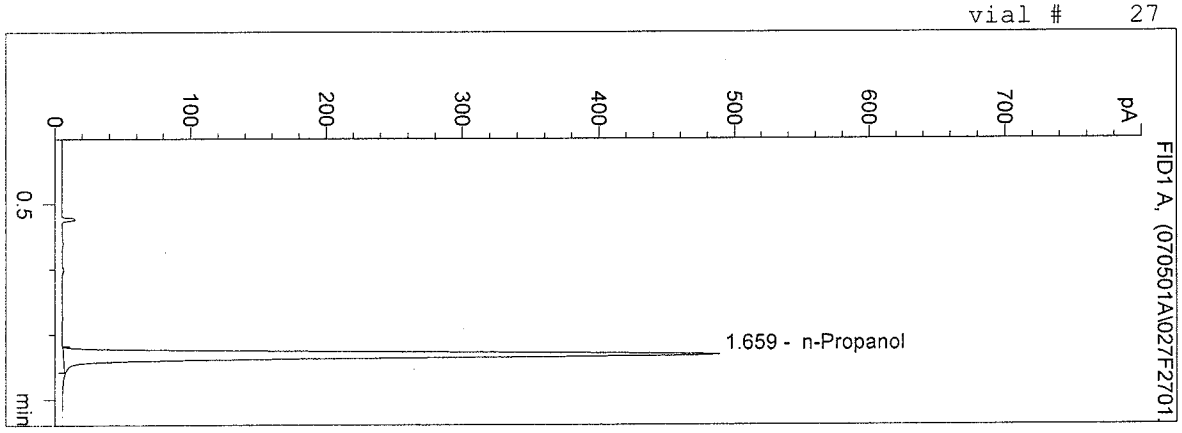
5/1/2007 8:26:19 AM
Instrument 4
DB-ALC1

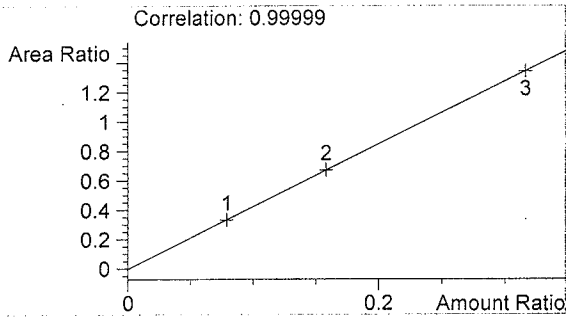
blank
bcapron

vial # 27

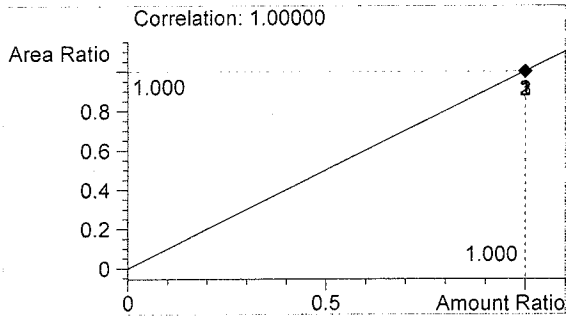


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1531	1.659

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml