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. 10/10/2007

Tpr. Ken Denton Date

R.G.G. 10-10-07

Rod G. Gullberg Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / TOM GULLBERG Date 10-4-07

Location TOX LAB SEATTLE Batch Number 06017

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: R. S. Gullberg Date: 10-4-07

Reviewer Signature: K. L. Denton Date: 10/4/2007

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 **0.15** g/210L Quality Assurance solution

Batch number **06017** Date: 4/13/2006

Preparation: 42.3 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	0.185	0.186	0.188													
2	0.185	0.184	0.188													
3	0.184	0.186	0.188													
4	0.184	0.185	0.189													
5	0.185	0.184	0.187													
Ctrl	0.098	0.100	0.099													

External Control:
Lot #: a035928-20 Exp date: 7/09
Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.1511 g/210L

Statistics:
Avg. solution concent.: 0.1859 g/100 mL
SD: 0.00173
Range (3xSD): 0.1807 to 0.1911
Precision CV (%): 0.9287 %

Analyst	Name	Signature	Date
1	Lisa Piquette		04/14/2006
2	Naziha Nuwayhid, PhD		04/14/2006
3	Katie M Hof		04/18/2006
4			
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7			
8			
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13			
14			
15			
16			

Prepared by: Lisa Piquette according to the approved protocol

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, Lisa R. Piquette, 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 formulation chemistry.

The quality assurance solution, Lot Number 06017, was prepared in the Washington State Toxicology Laboratory on 4/13/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1859 grams per 100ml.

Dated: 4/20/2006
Seattle, WA

Lisa R. Piquette
Forensic Toxicologist

LP/ks
LPQA

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. 10/8/07

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DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Naziha Nuwayhid, do certify under penalty of perjury that:

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

I possess the following qualifications: Bachelor and Masters degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and six years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The quality assurance solution, Lot Number 06017, was prepared in the Washington State Toxicology Laboratory on 4/13/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1859 grams per 100ml.

Dated: 4/20/2006
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/ks
NNQA

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.

10/9/07

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DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Katie M. Hof, 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: Bachelors degree in Medical Technology and twenty years of experience as a forensic toxicologist.

The quality assurance solution, Lot Number 06017, was prepared in the Washington State Toxicology Laboratory on 4/13/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1859 grams per 100ml.

Dated: 4/20/2006
Seattle, WA

Katie M. Hof
Forensic Toxicologist

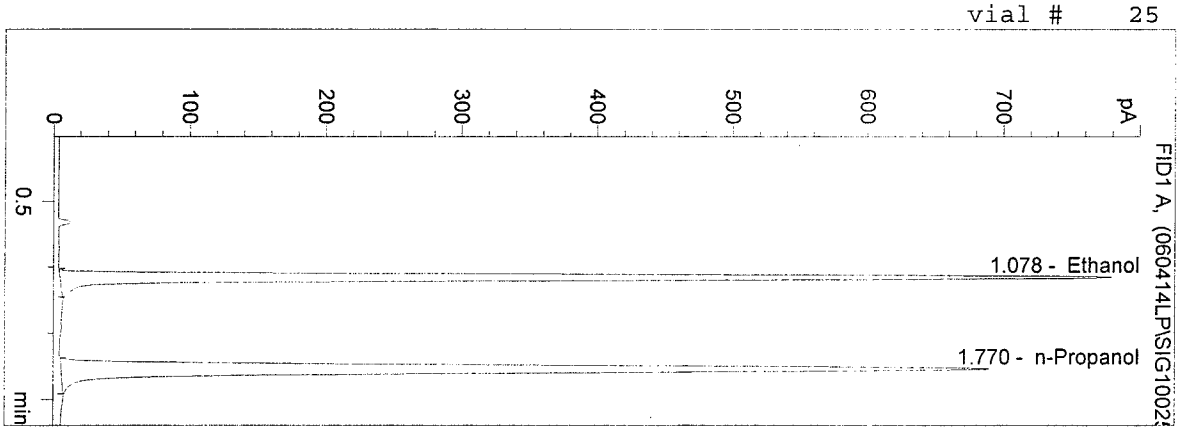
KMH/ks
KHQA

WASHINGTON STATE TOXICOLOGY LABORATORY

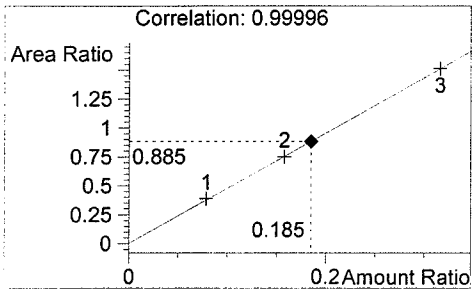
C:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:03:23 PM
Instrument 1
DB BAC 1

QA 06017
Lisa Piquette

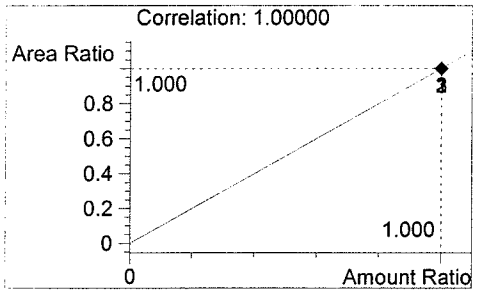
vial # 25



#	Compound	Area	RT
1	Ethanol	2393	1.078
2	n-Propanol	2705	1.770
Tot			



Ethanol 0.185 g/100ml



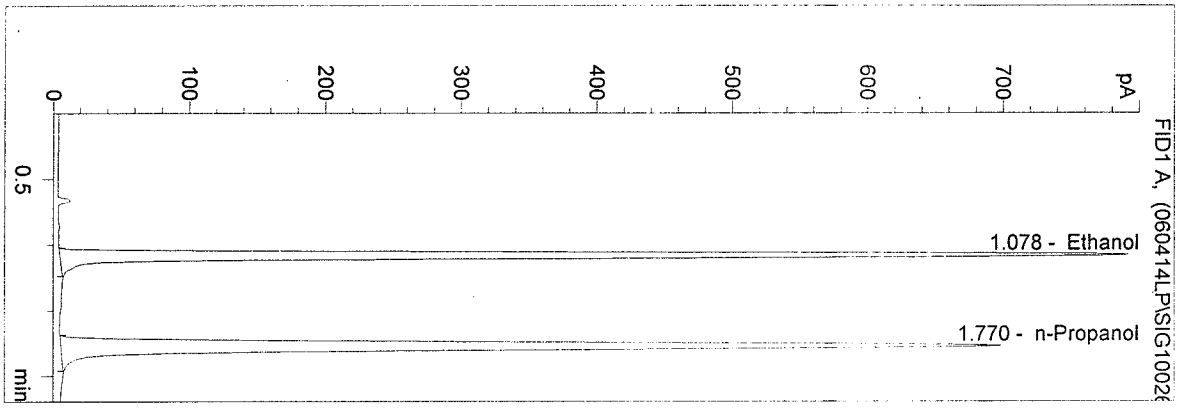
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

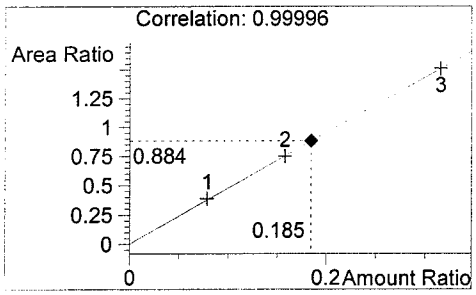
C:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:06:28 PM
Instrument 1
DB BAC 1

QA 06017
Lisa Piquette

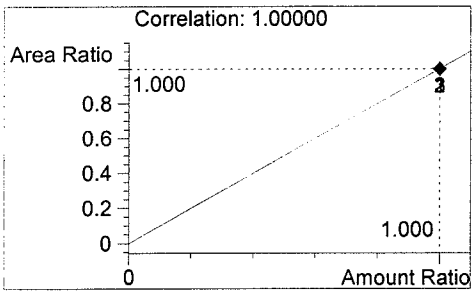
vial # 26



#	Compound	Area	RT
1	Ethanol	2425	1.078
2	n-Propanol	2745	1.770
Tot			



Ethanol 0.185 g/100ml



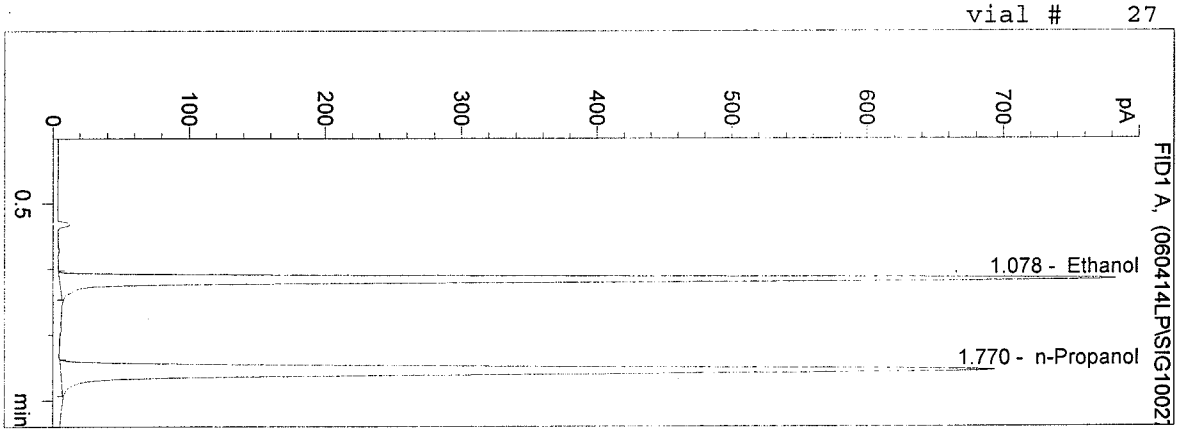
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

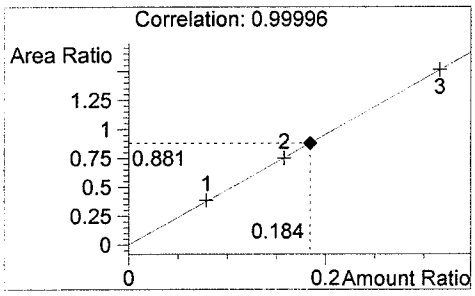
C:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:09:32 PM
Instrument 1
DB BAC 1

QA 06017
Lisa Piquette

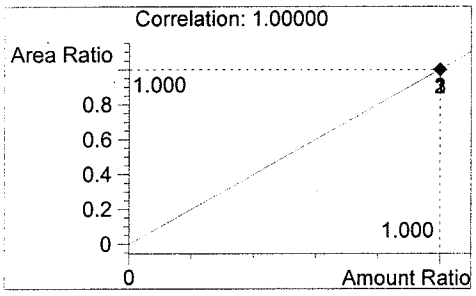
vial # 27



#	Compound	Area	RT
1	Ethanol	2405	1.078
2	n-Propanol	2730	1.770
Tot			



Ethanol 0.184 g/100ml



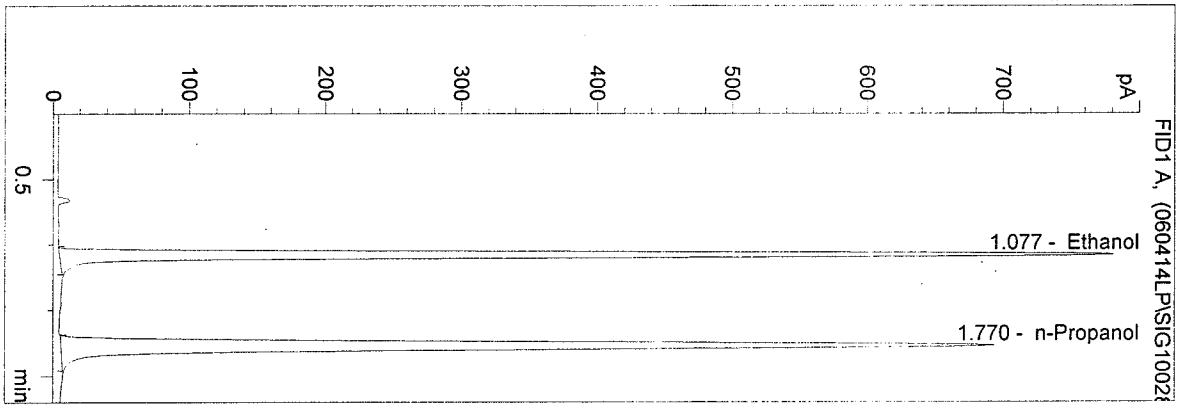
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

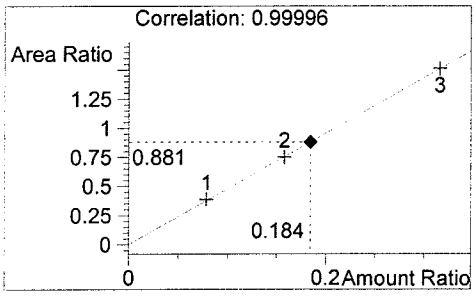
C:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:12:37 PM
Instrument 1
DB BAC 1

QA 06017
Lisa Piquette

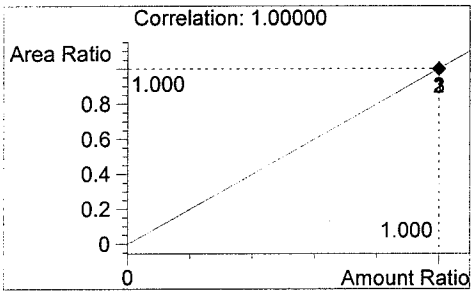
vial # 28



#	Compound	Area	RT
1	Ethanol	2401	1.077
2	n-Propanol	2724	1.770
Tot			



Ethanol 0.184 g/100ml



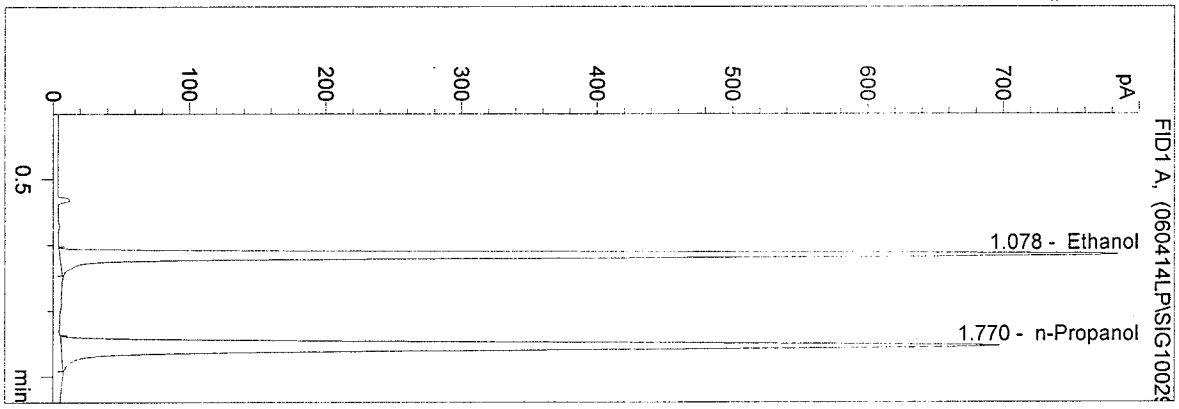
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

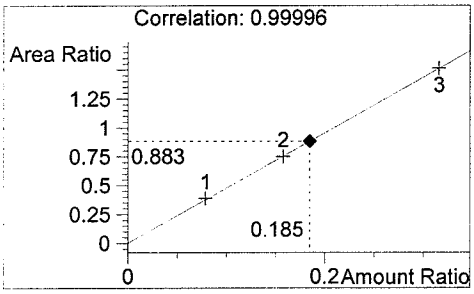
C:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:15:42 PM
Instrument 1
DB BAC 1

QA 06017
Lisa Piquette

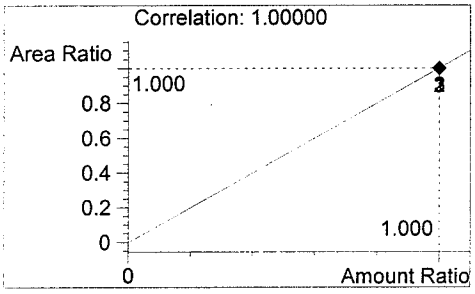
vial # 29



#	Compound	Area	RT
1	Ethanol	2412	1.078
2	n-Propanol	2731	1.770
Tot			



Ethanol 0.185 g/100ml



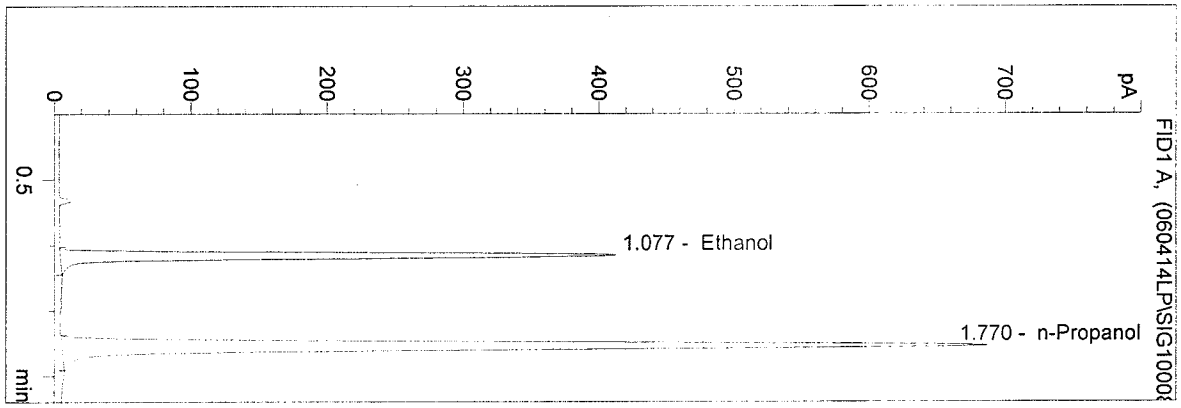
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

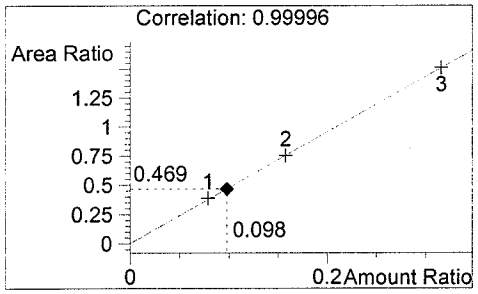
C:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 2:11:02 PM
Instrument 1
DB BAC 1

0.10 CONTROL LP
Lisa Piquette

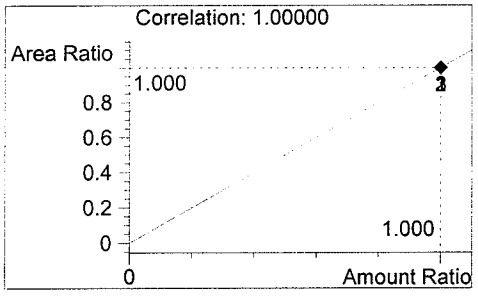
vial # 8



#	Compound	Area	RT
1	Ethanol	1264	1.077
2	n-Propanol	2696	1.770
Tot			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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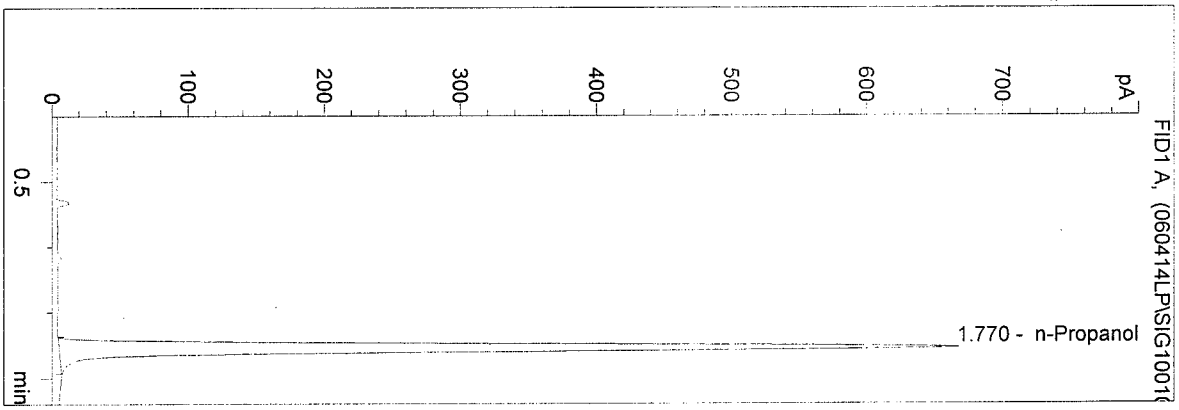
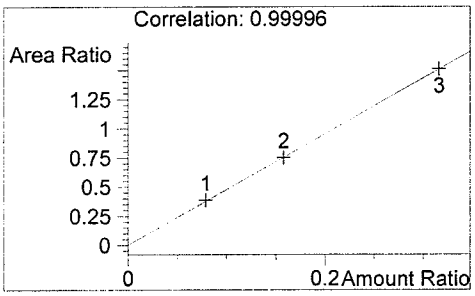
4/14/2006 2:17:11 PM
Instrument 1
DB BAC 1

BLANK
Lisa Piquette

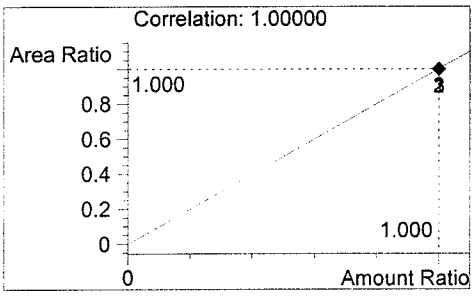
vial # 10



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2625	1.770
Tot			



Ethanol 0.000 g/100ml



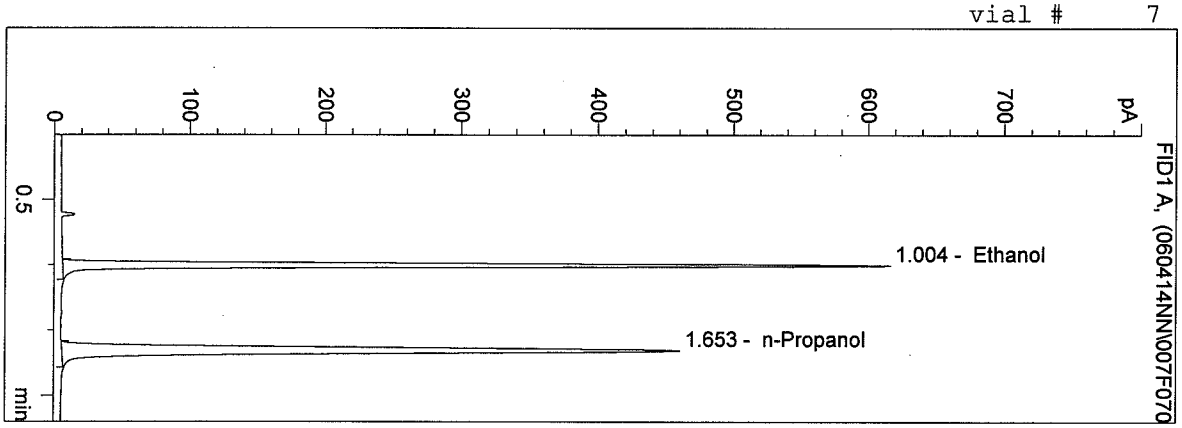
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:17:47 PM
Instrument 4
DB-ALC1

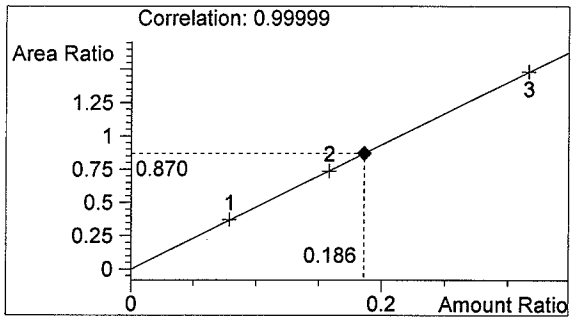
06017 QA-1
N Nuwayhid, PhD

vial # 7

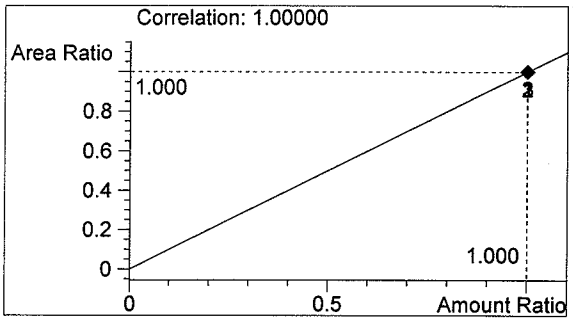


#	Compound	Area	RT
1	Ethanol	1242	1.004
2	n-Propanol	1428	1.653

Totals:



Ethanol 0.186 g/100ml



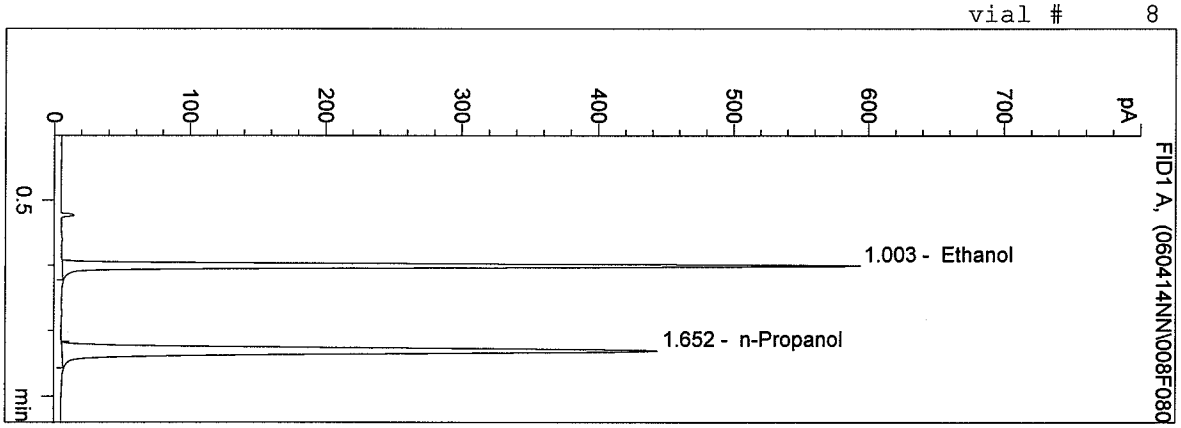
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

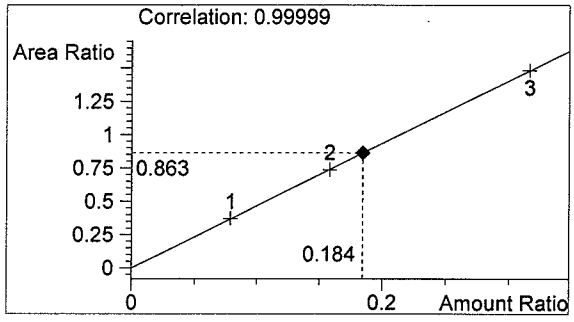
D:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:21:01 PM
Instrument 4
DB-ALC1

06017 QA-2
N Nuwayhid, PhD

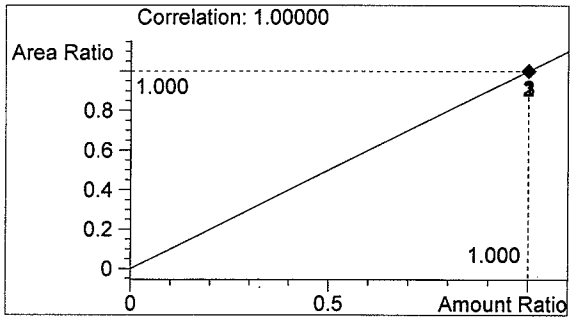
vial # 8



#	Compound	Area	RT
1	Ethanol	1185	1.003
2	n-Propanol	1374	1.652
Totals:			



Ethanol 0.184 g/100ml



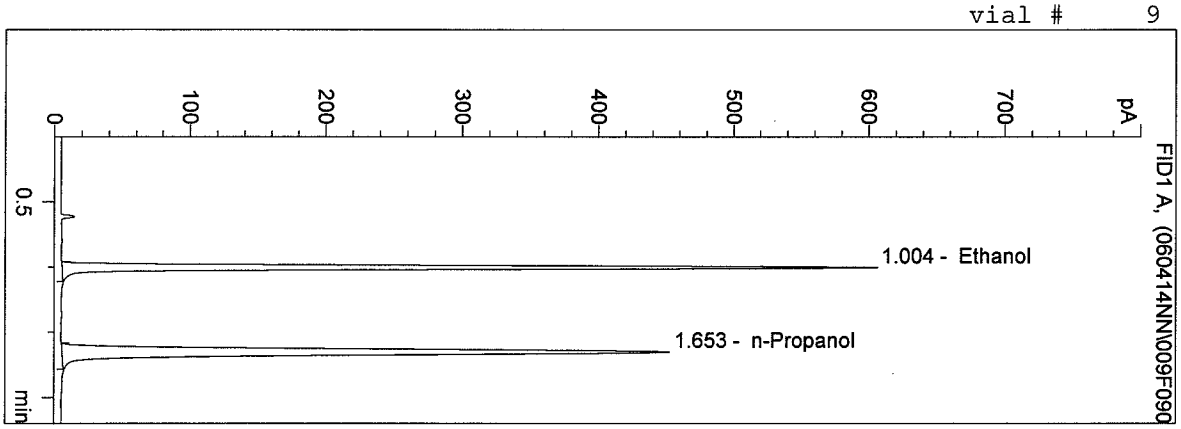
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

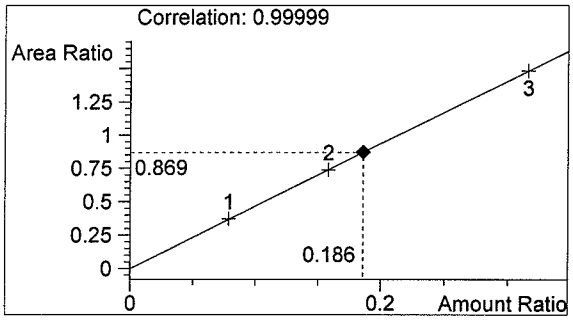
D:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:24:16 PM
Instrument 4
DB-ALC1

06017 QA-3
N Nuwayhid, PhD

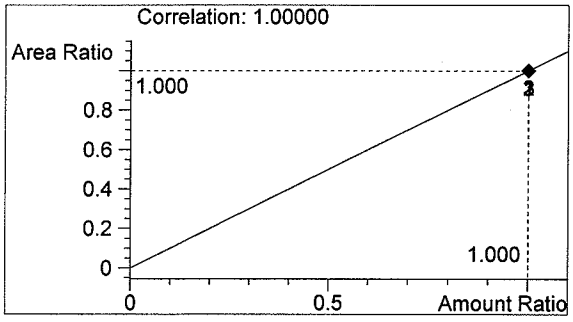
vial # 9



#	Compound	Area	RT
1	Ethanol	1220	1.004
2	n-Propanol	1403	1.653
Totals:			



Ethanol 0.186 g/100ml



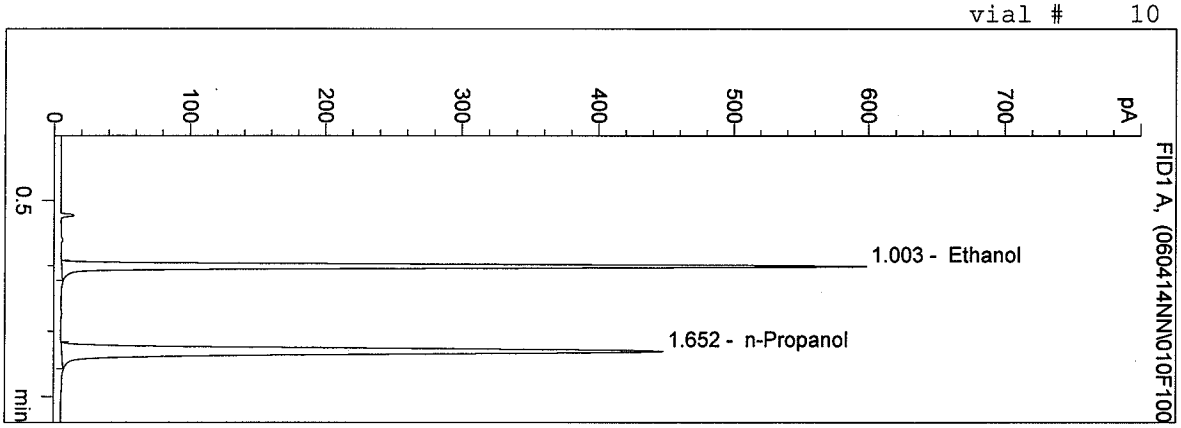
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

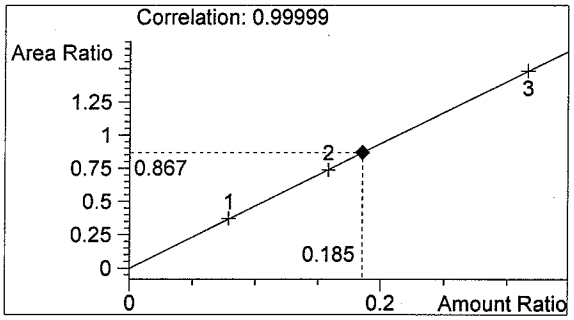
D:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:27:30 PM
Instrument 4
DB-ALC1

06017 QA-4
N Nuwayhid, PhD

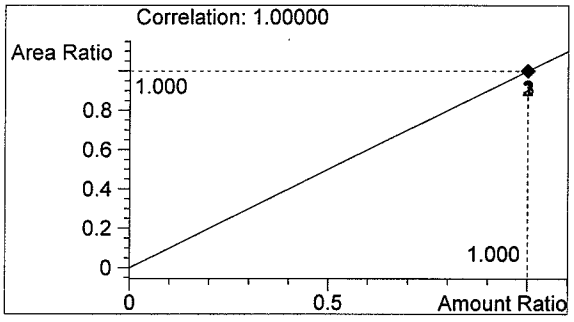
vial # 10



#	Compound	Area	RT
1	Ethanol	1203	1.003
2	n-Propanol	1388	1.652
Totals:			



Ethanol 0.185 g/100ml



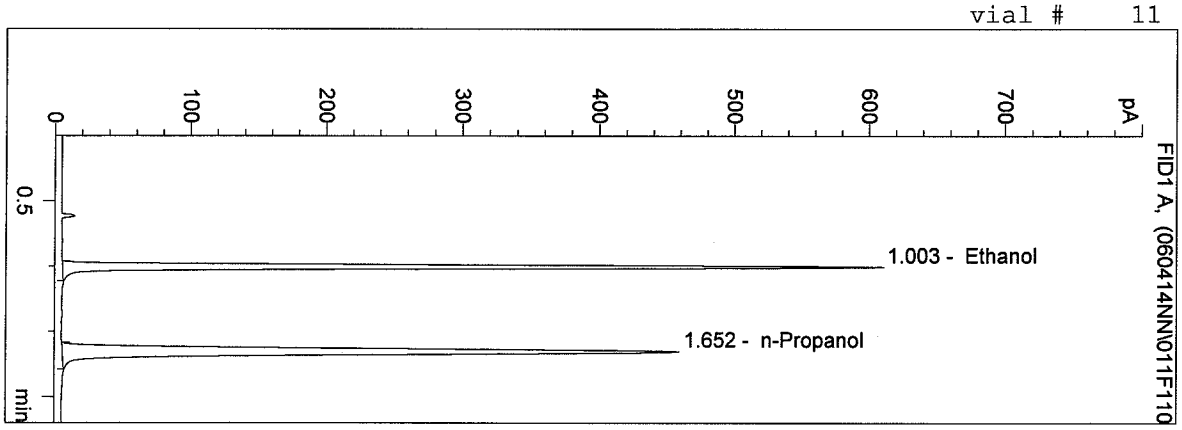
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

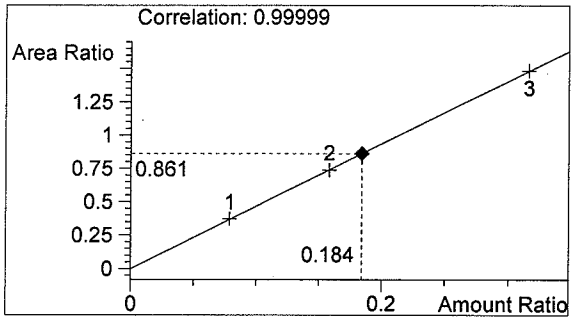
D:\HPCHEM\1\METHODS\BLDALCO.M
4/14/2006 3:30:45 PM
Instrument 4
DB-ALC1

06017 QA-5
N Nuwayhid, PhD

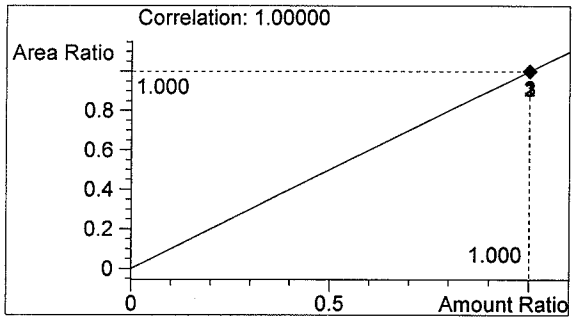
vial # 11



#	Compound	Area	RT
1	Ethanol	1225	1.003
2	n-Propanol	1422	1.652
Totals:			



Ethanol 0.184 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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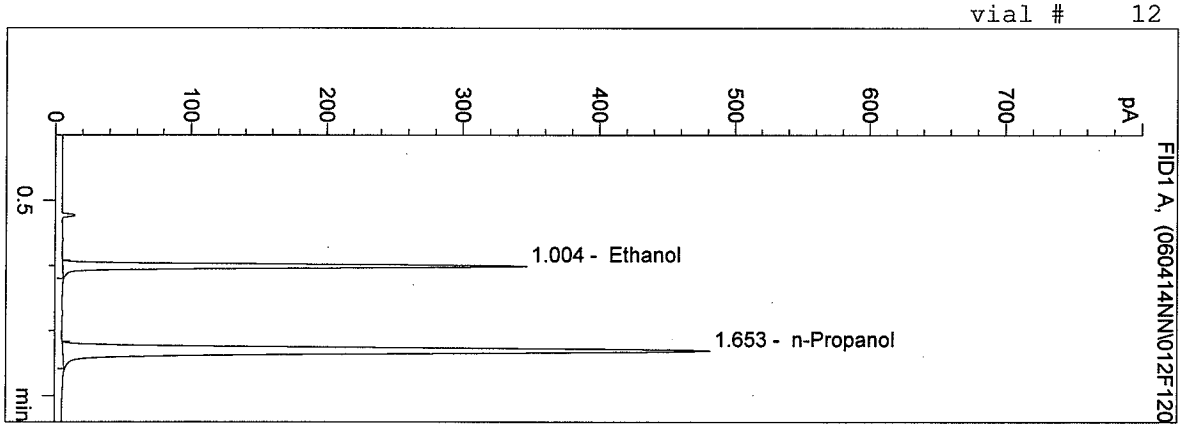
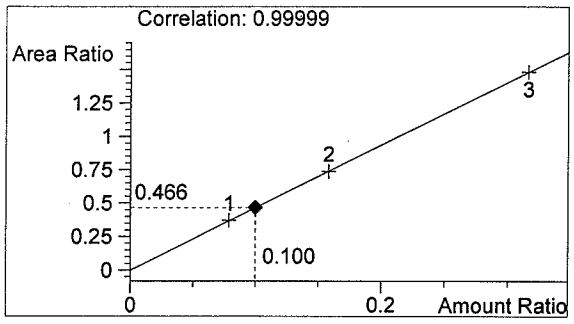
4/14/2006 3:33:57 PM
Instrument 4
DB-ALC1

0.100 CTRL-NN
N Nuwayhid, PhD

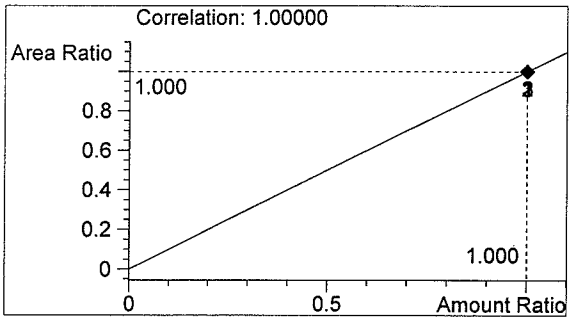
vial # 12



#	Compound	Area	RT
1	Ethanol	699	1.004
2	n-Propanol	1501	1.653
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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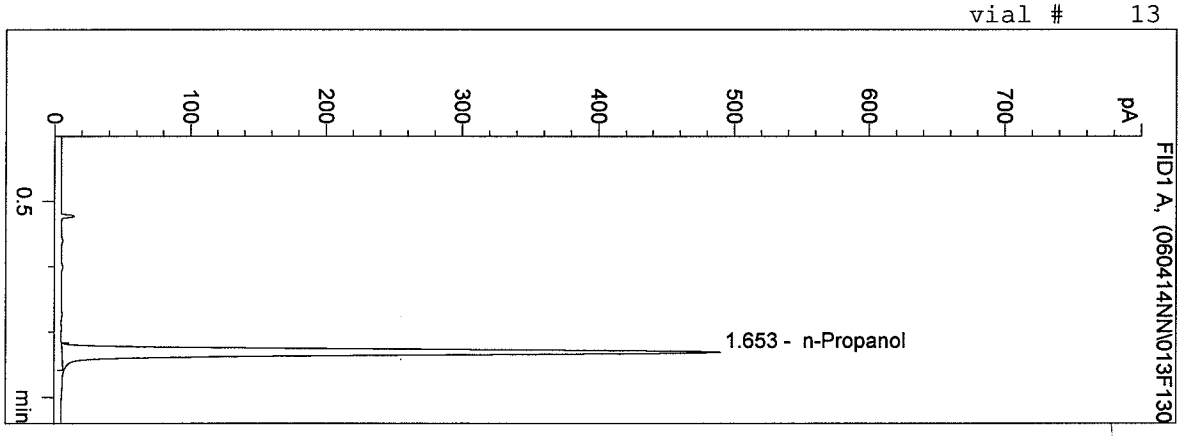
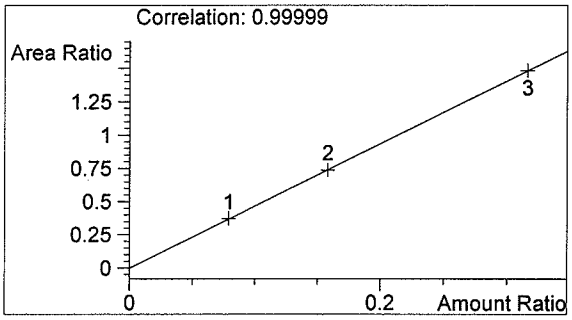
Instrument 4
DB-ALC1

Blank
N Nuwayhid, PhD

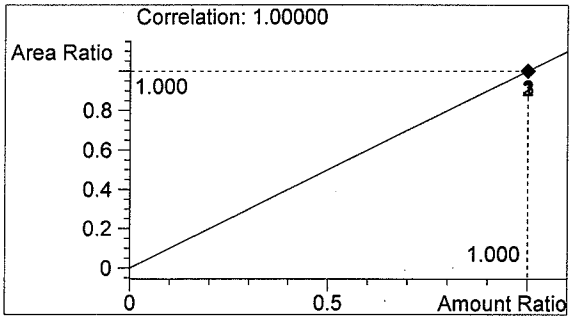
vial # 13



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1525	1.653
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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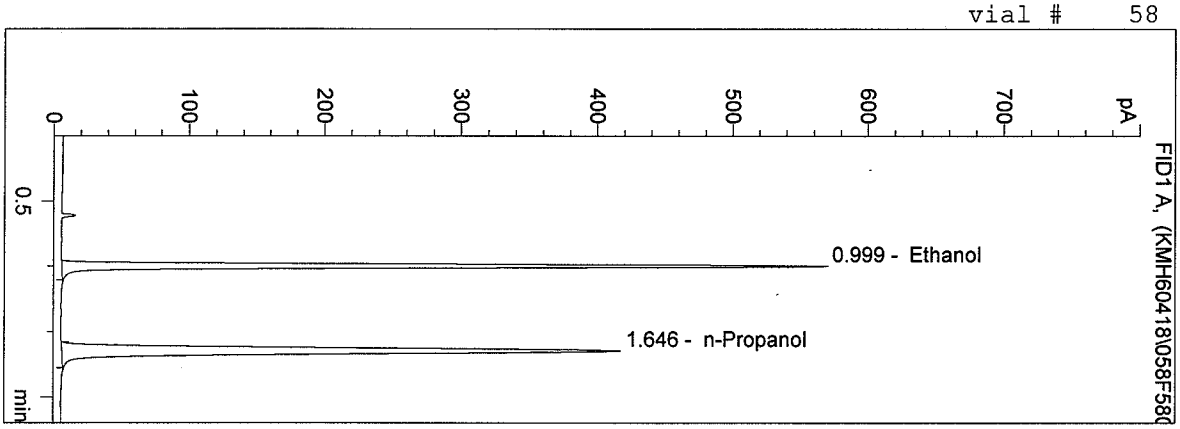
4/18/2006 3:50:35 PM
Instrument 4
DB-ALC1

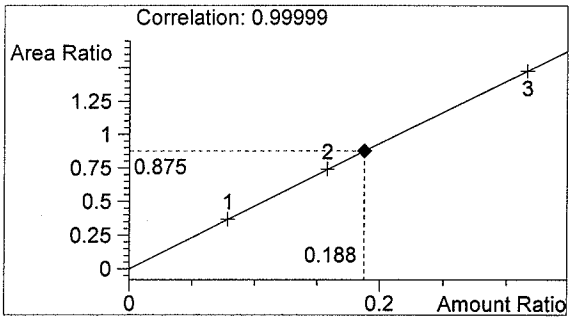
QA 06017-A
Katie Hof

vial # 58

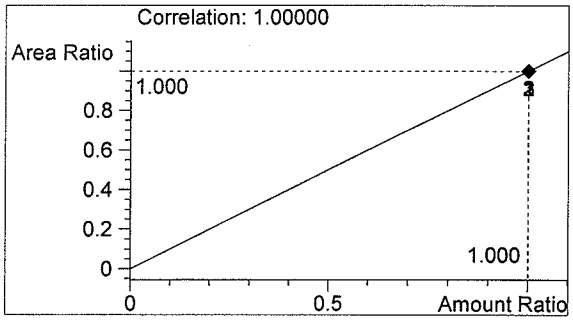


#	Compound	Area	RT
1	Ethanol	1121	0.999
2	n-Propanol	1281	1.646

Totals:



Ethanol 0.188 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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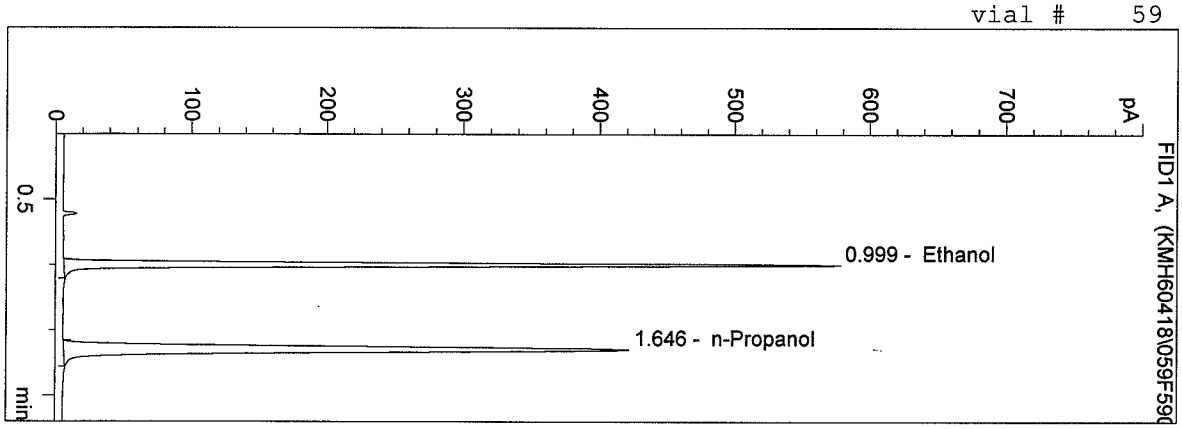
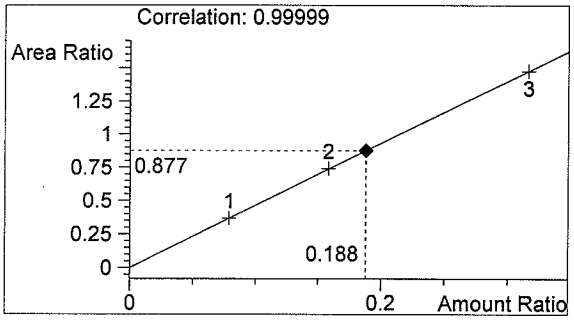
4/18/2006 3:53:48 PM
Instrument 4
DB-ALC1

QA06017-B
Katie Hof

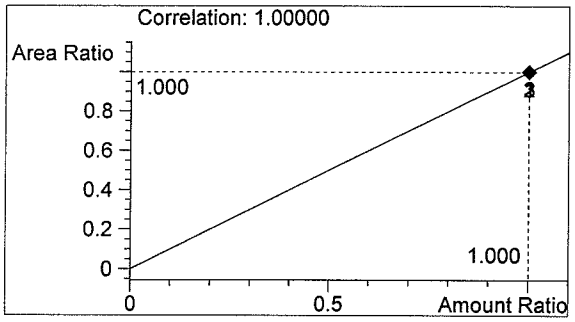
vial # 59



#	Compound	Area	RT
1	Ethanol	1137	0.999
2	n-Propanol	1296	1.646
Totals:			



Ethanol 0.188 g/100ml



n-Propanol 1.000 g/100ml

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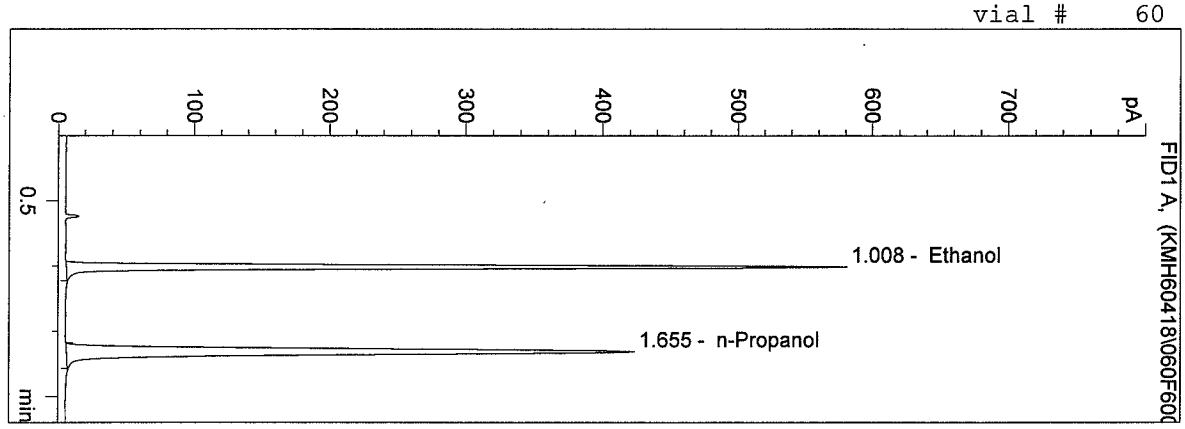
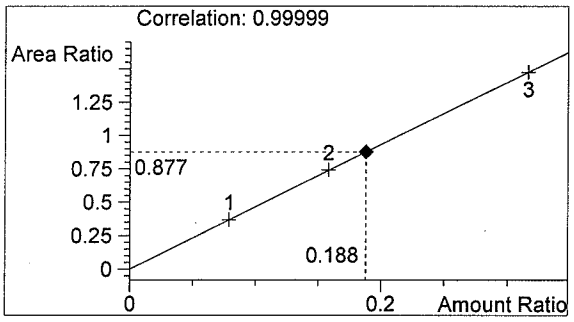
4/18/2006 3:56:58 PM
Instrument 4
DB-ALC1

QA 06017-C
Katie Hof

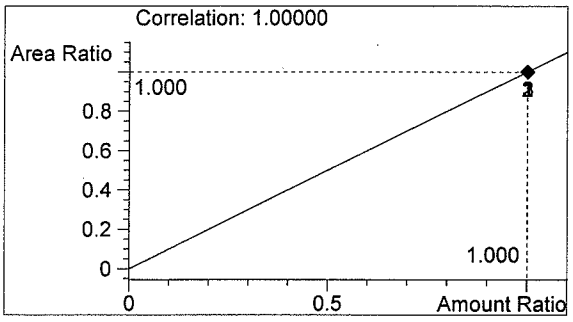
vial # 60



#	Compound	Area	RT
1	Ethanol	1143	1.008
2	n-Propanol	1303	1.655
Totals:			



Ethanol 0.188 g/100ml



n-Propanol 1.000 g/100ml

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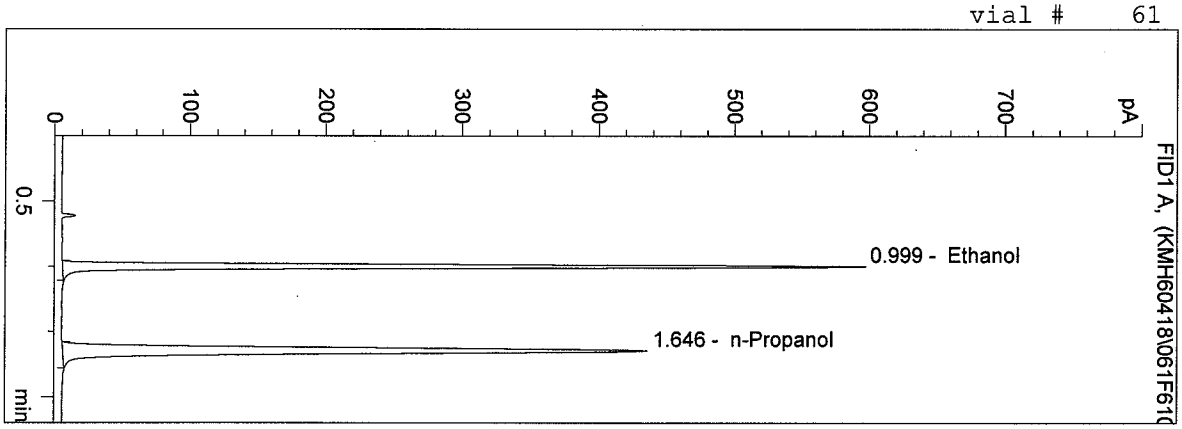
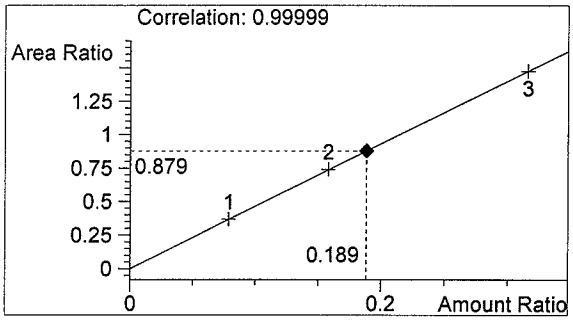
Instrument 4
DB-ALC1

QA 06017-D
Katie Hof

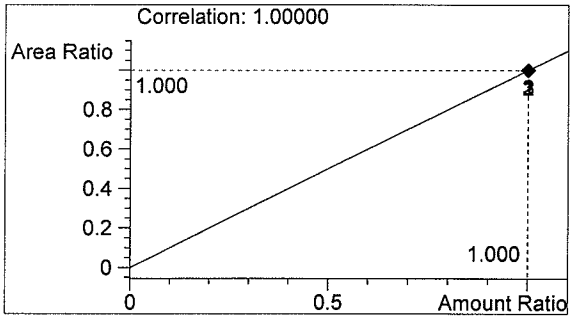
vial # 61



#	Compound	Area	RT
1	Ethanol	1181	0.999
2	n-Propanol	1343	1.646
Totals:			



Ethanol 0.189 g/100ml



n-Propanol 1.000 g/100ml

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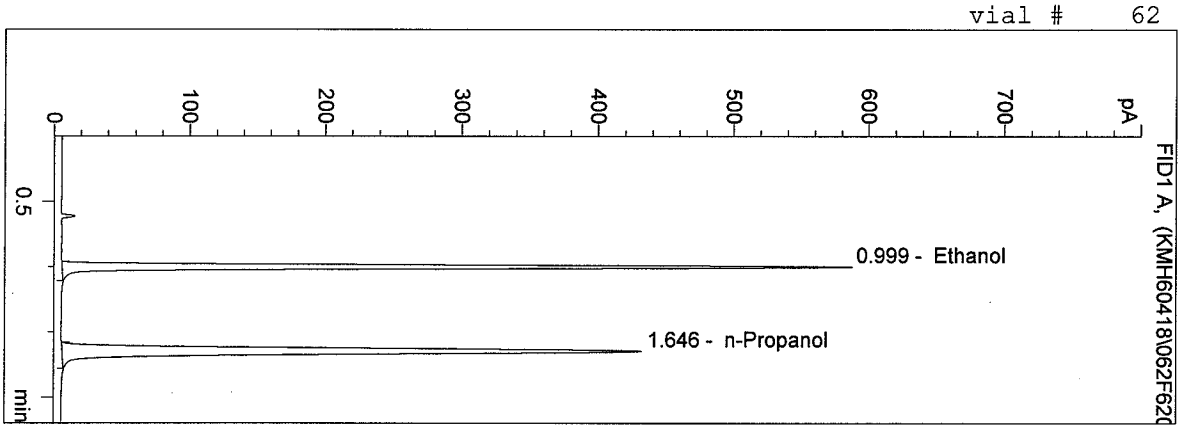
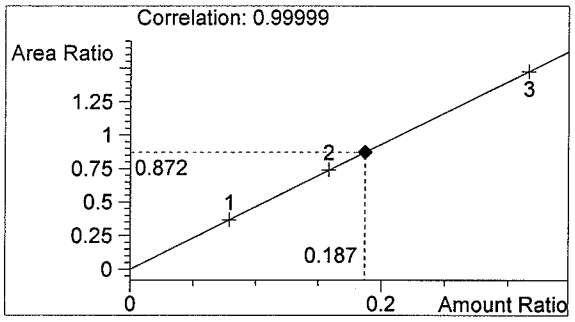
4/18/2006 4:03:32 PM
Instrument 4
DB-ALC1

QA06017-E
Katie Hof

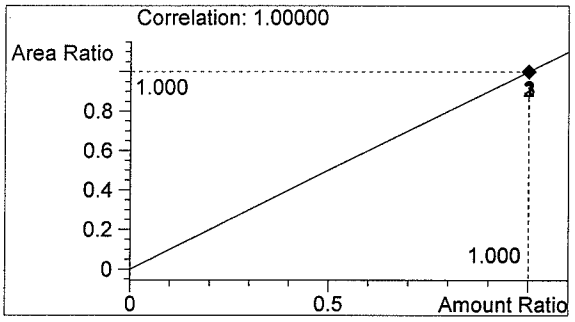
vial # 62



#	Compound	Area	RT
1	Ethanol	1159	0.999
2	n-Propanol	1330	1.646
Totals:			



Ethanol 0.187 g/100ml



n-Propanol 1.000 g/100ml

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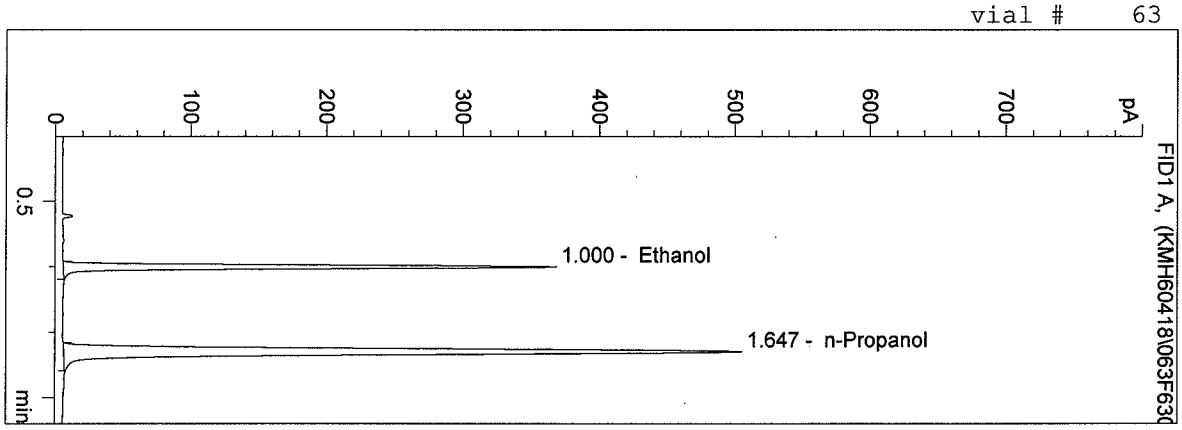
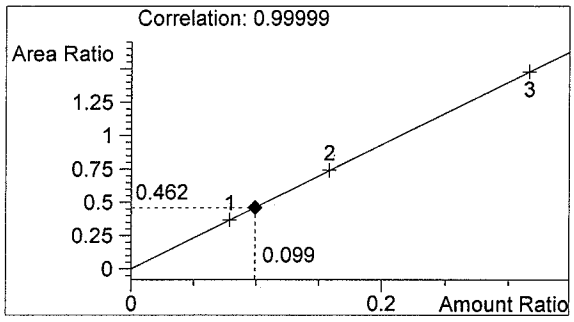
4/18/2006 4:06:48 PM 0.10 CTL-KMH
Instrument 4 Katie Hof
DB-ALC1

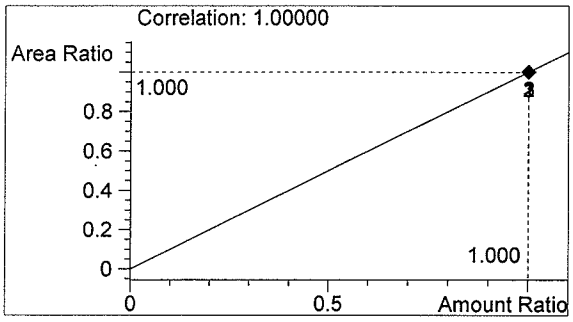
vial # 63



#	Compound	Area	RT
1	Ethanol	722	1.000
2	n-Propanol	1565	1.647
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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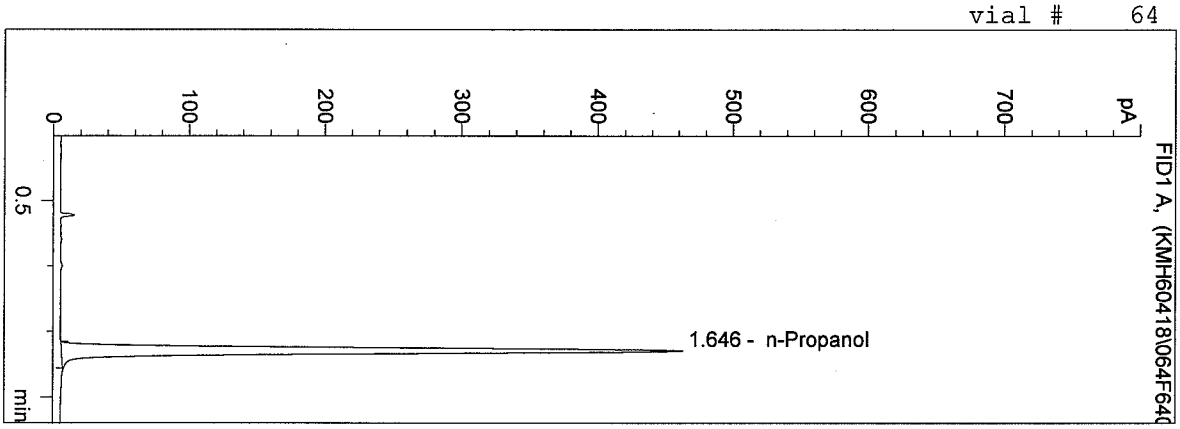
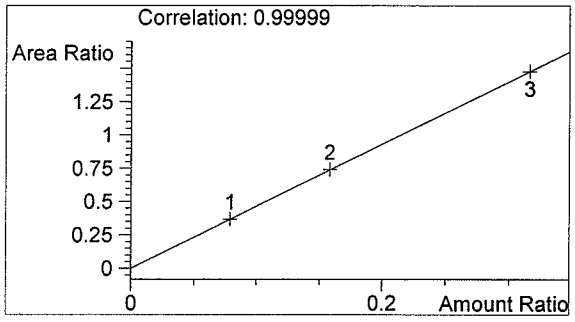
4/18/2006 4:10:03 PM BLANK
Instrument 4 Katie Hof
DB-ALC1

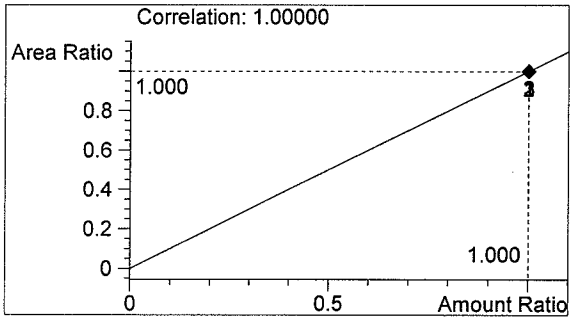
vial # 64



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1427	1.646
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml