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 10/15/2007

Tpr. Ken Denton Date

R.G. Gullberg 10-15-07

Rod G. Gullberg Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROD GULLBERG Date 10-8-07

Location TOX LAB SEATTLE Batch Number 05039

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 ___ Not Correct X

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

Corrections Necessary:
DATE OF ANALYSIS INCORRECT FOR BRIAN C.
MISSING LOT # AND EXP. DATE FOR CONTROL

Comments:

Reviewer Signature: R S Gulberg Date: 10-8-07

Reviewer Signature: K.L. D Date: 10/8/2007

9/26/2007

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

Batch number **05039** Date: 10/19/2005

Preparation: 28.9 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	0.127	0.127	0.126													
2	0.127	0.127	0.126													
3	0.127	0.127	0.127													
4	0.128	0.127	0.126													
5	0.127	0.128	0.127													
Ctrl	0.100	0.100	0.099													

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

Statistics:
Avg. solution concent.: 0.1269 g/100 mL
SD: 0.00059
Range (3xSD): 0.1251 to 0.1287
Precision CV (%): 0.4678 %

Equivalent vapor concent.: 0.1032 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso		10/24/2005
2	Naziha Nuwayhid, PhD		10/21/2005
3	Brian Capron	10.25.2005	~~10/26/2005~~ 10.11.07
4			
5			
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14			
15			
16			

Prepared by: Edward Formoso 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, Edward J. Formoso, do certify under penalty of perjury as follows:

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: B.S. degree in Chemistry and twenty-eight years experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 05039, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1269 grams per 100ml.

Dated: 10/26/05
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/la
EFQA

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, Naziha Nuwayhid, do certify under penalty of perjury as follows:

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 five years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The quality assurance solution, Lot Number 05039, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1269 grams per 100ml.

Dated: 10/26/05
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/la
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.

10/12/07

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, Brian Capron, do certify under penalty of perjury as follows:

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 05039, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1269 grams per 100ml.

Dated: 10/26/05
Seattle, WA

Brian Capron
Forensic Toxicologist

BC/la
BCQA

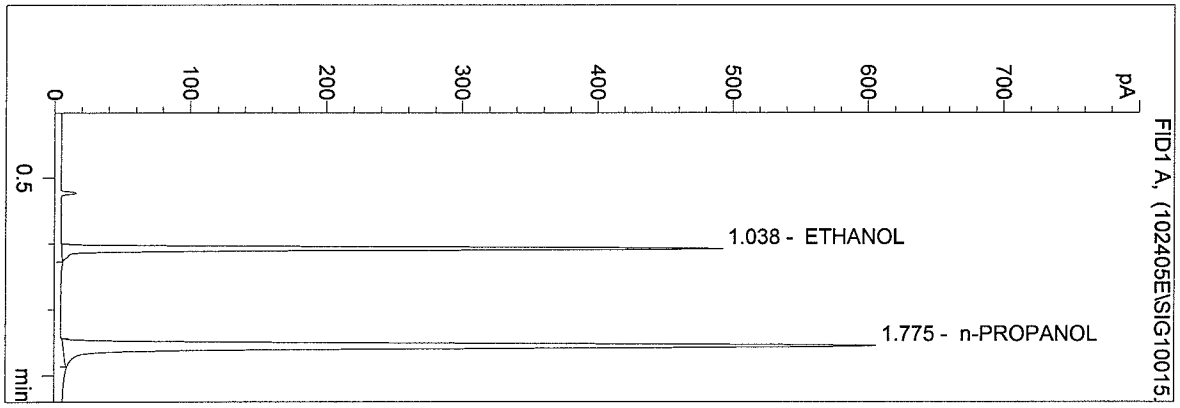
A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

Brian Capron 10.11.07

WASHINGTON STATE TOXICOLOGY LABORATORY

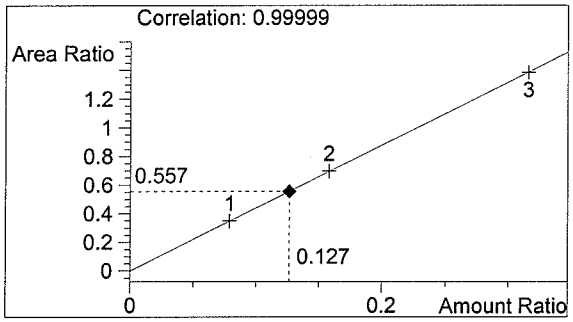
C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 12:06:56 PM 05039
Instrument 3 ED FORMOSO
db-alc2

vial # 15

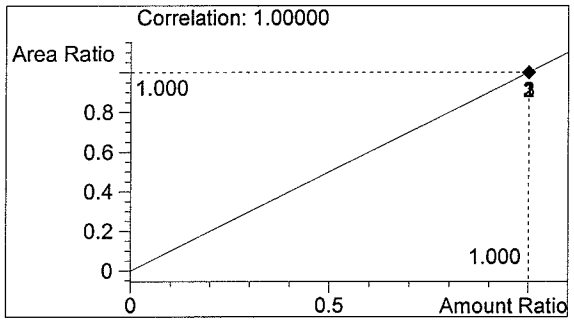


#	Compound	Area	RT
1	ETHANOL	899	1.038
2	n-PROPANOL	1616	1.775

Totals:



ETHANOL 0.127 g/100ml



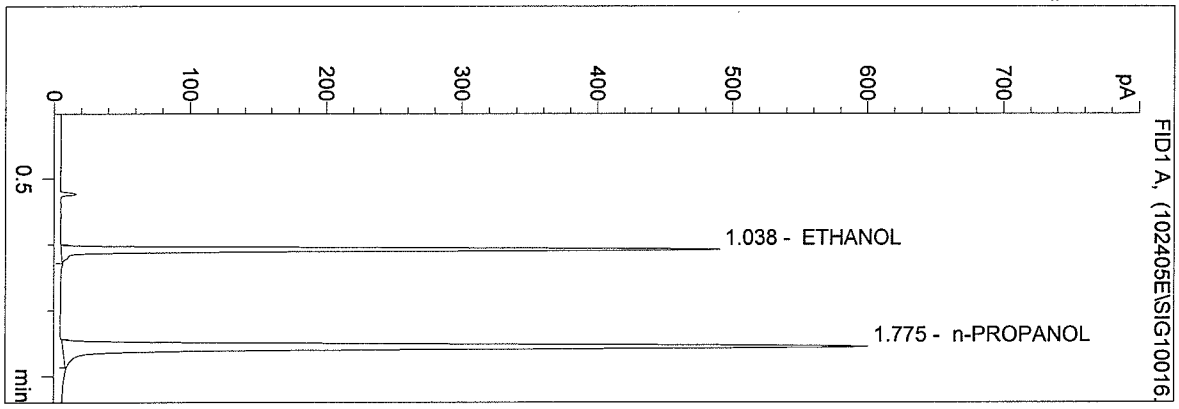
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 12:10:03 PM
Instrument 3
db-alc2

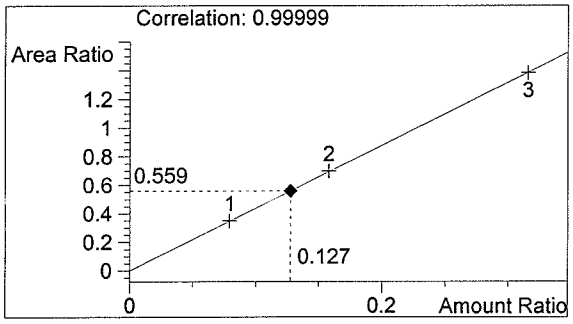
05039
ED FORMOSO

vial # 16

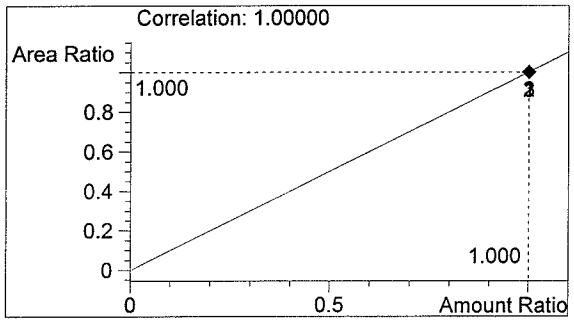


#	Compound	Area	RT
1	ETHANOL	896	1.038
2	n-PROPANOL	1604	1.775

Totals:



ETHANOL 0.127 g/100ml

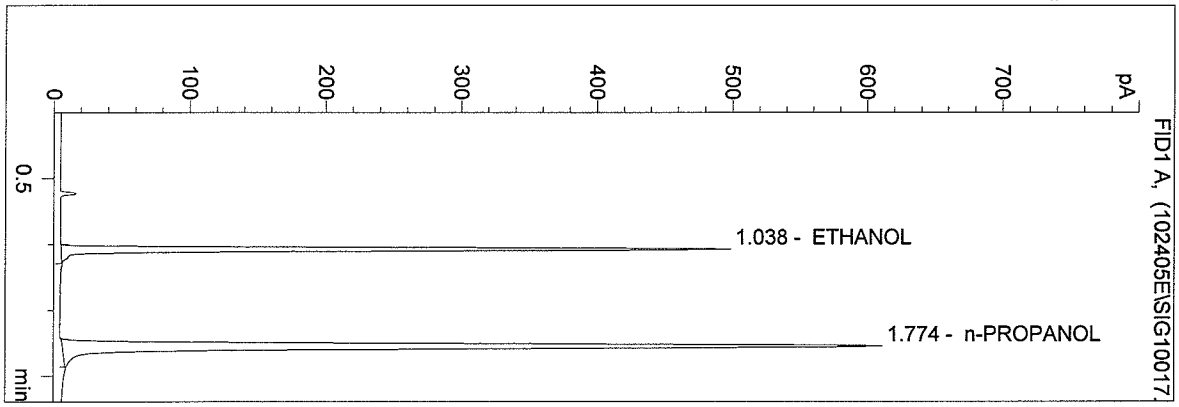


n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

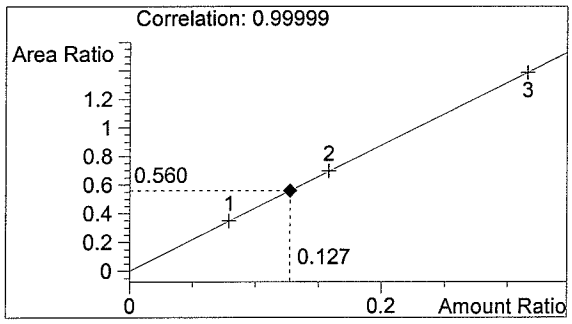
C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 12:13:10 PM 05039
Instrument 3 ED FORMOSO
db-alc2

vial # 17

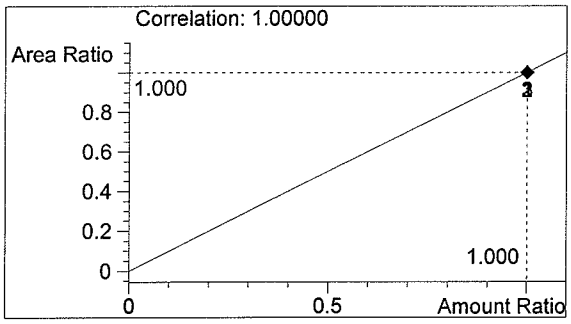


#	Compound	Area	RT
1	ETHANOL	912	1.038
2	n-PROPANOL	1630	1.774

Totals:



ETHANOL 0.127 g/100ml



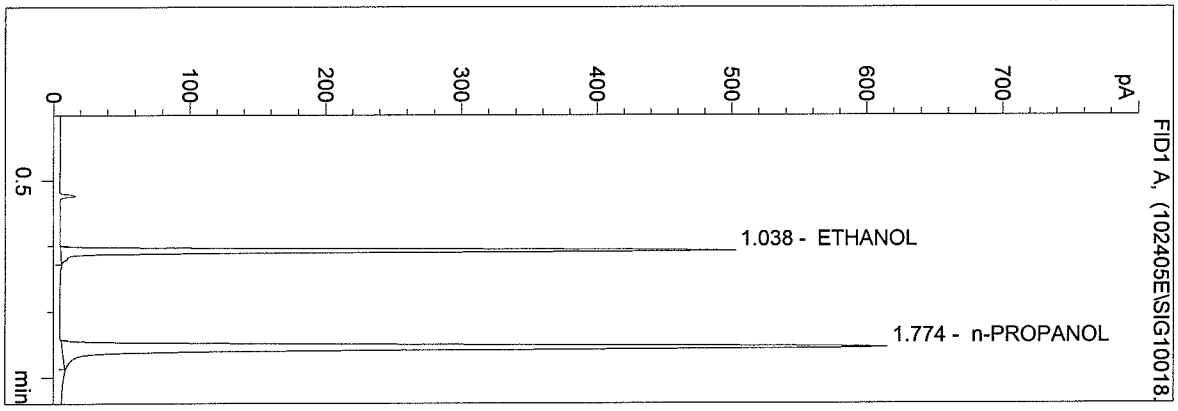
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 12:16:18 PM
Instrument 3
db-alc2

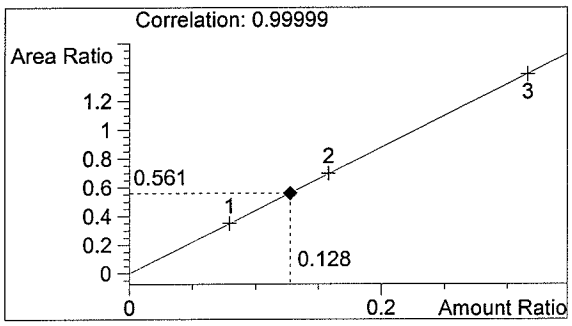
05039
ED FORMOSO

vial # 18

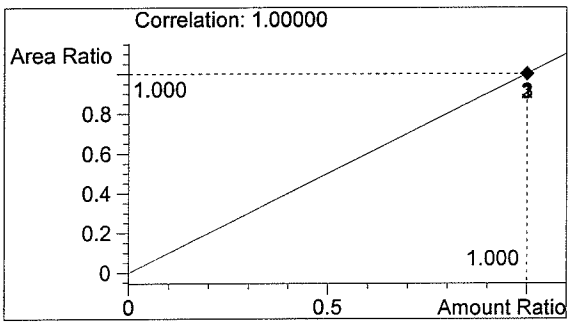


#	Compound	Area	RT
1	ETHANOL	919	1.038
2	n-PROPANOL	1639	1.774

Totals:



ETHANOL 0.128 g/100ml



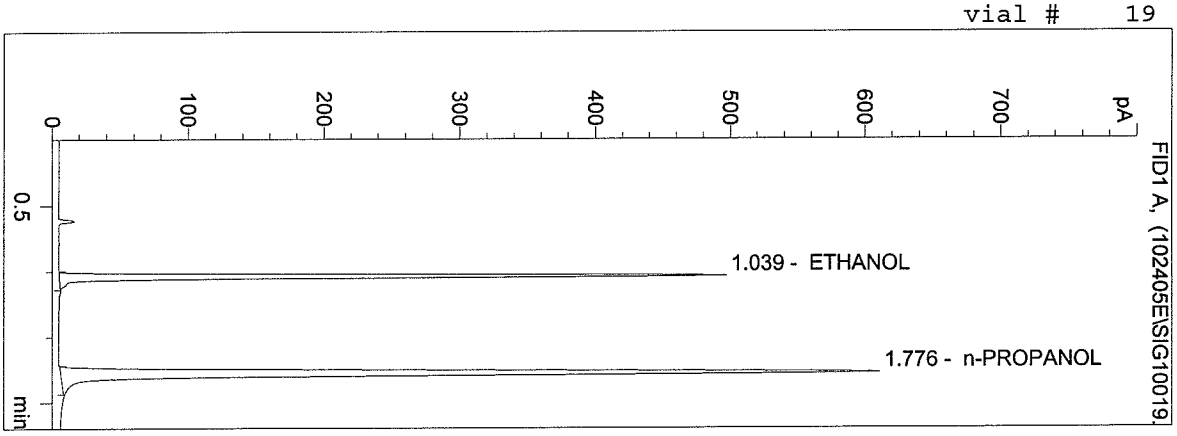
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 12:19:25 PM
Instrument 3
db-alc2

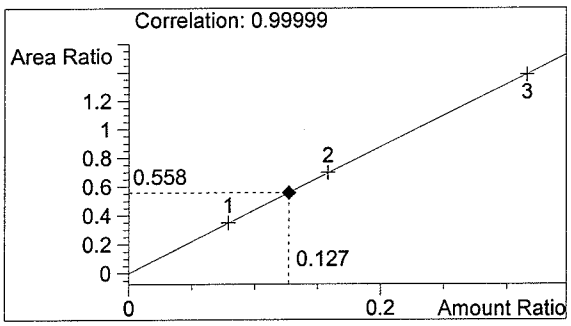
05039
ED FORMOSO

vial # 19

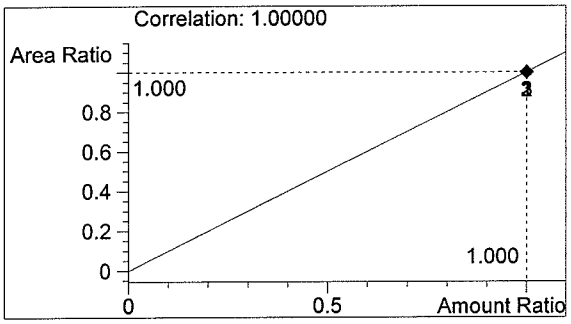


#	Compound	Area	RT
1	ETHANOL	910	1.039
2	n-PROPANOL	1629	1.776

Totals:



ETHANOL 0.127 g/100ml



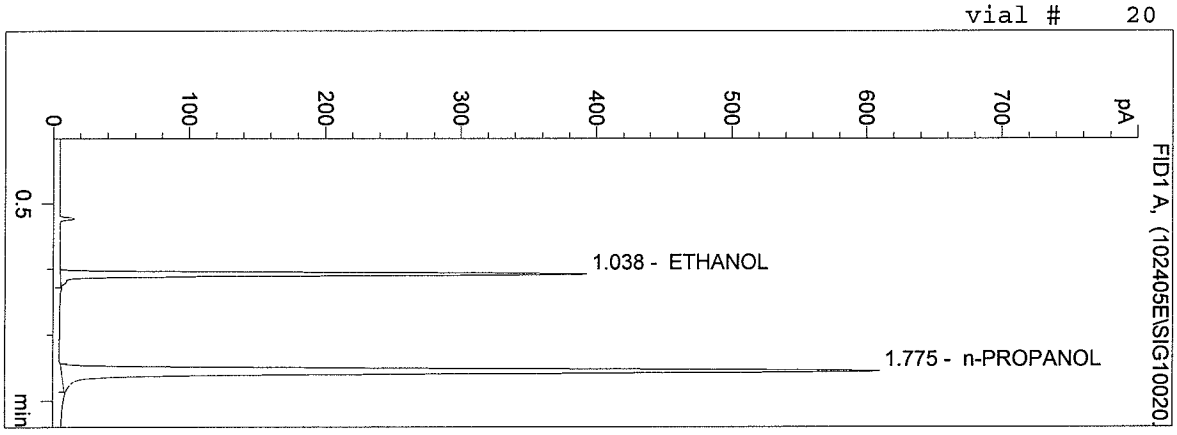
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 12:22:32 PM
Instrument 3
db-alc2

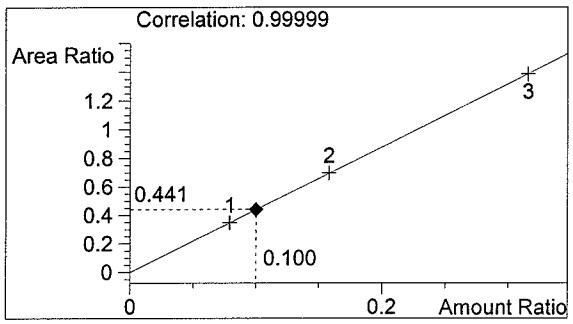
0.10 CONTROL
ED FORMOSO

vial # 20

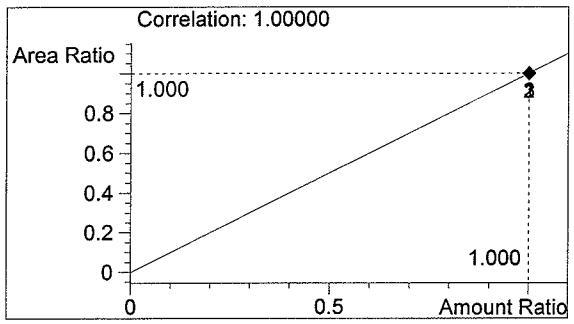


#	Compound	Area	RT
1	ETHANOL	717	1.038
2	n-PROPANOL	1626	1.775

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

Calibration Table

Calib. Data Modified : Monday, October 24, 2005 11:31:26 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : Floating Average New 99%
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [ng/ul]	Name
5	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.083	1	1	7.90000e-2	1020.09637	7.74437e-5	5		Ethanol
		2	1.58000e-1	2039.04773	7.74872e-5			
		3	3.16000e-1	4035.09253	7.83130e-5			
1.779	1	1	1.00000	2965.96265	3.37159e-4	I5		n-Propanol
		2	1.00000	2950.66943	3.38906e-4			
		3	1.00000	2937.22070	3.40458e-4			

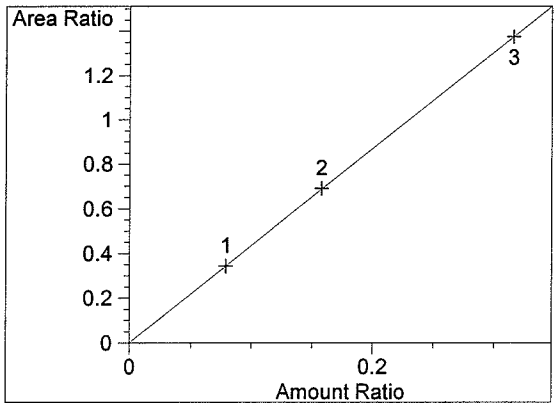
Peak Sum Table

No Entries in table

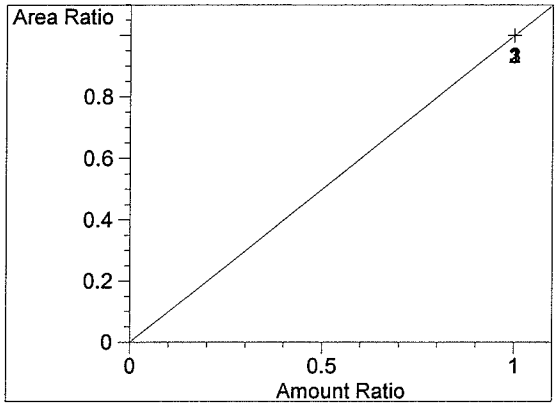
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.083
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00246
Formula: y = mx + b
m: 4.34837
b: 1.02706e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.779
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

Calibration Table

ETOH CALIBRATION

Calib. Data Modified : Monday, October 24, 2005 11:34:45 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 0.200 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.200 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : Floating Average New 99%
Average Retention Time: Floating Average New 99%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100ml]	Name
1	1.00000	n-PROPANOL

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100ml]	Area	Amt/Area	Ref	Grp	Name
1.039	1	1	7.90000e-2	570.39111	1.38501e-4		1	ETHANOL
		2	1.58000e-1	1132.10925	1.39563e-4			
		3	3.16000e-1	2238.05957	1.41194e-4			
1.775	1	1	1.00000	1637.87524	6.10547e-4	I1		n-PROPANOL
		2	1.00000	1625.28198	6.15278e-4			
		3	1.00000	1615.64600	6.18947e-4			

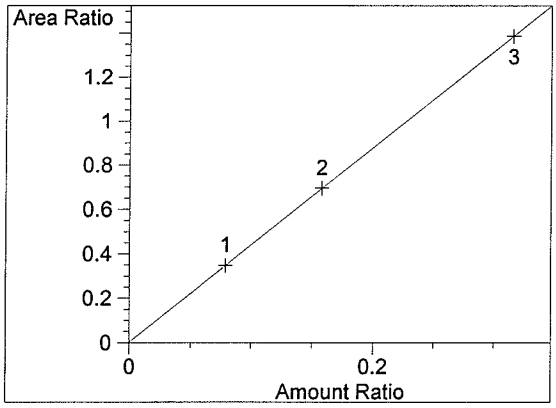
Peak Sum Table

No Entries in table

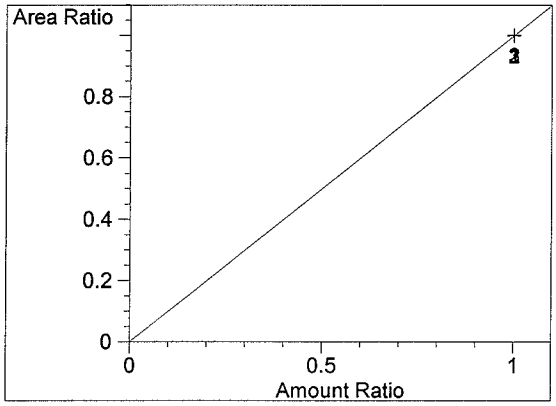
==========

Calibration Curves

==========



ETHANOL at exp. RT: 1.039
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00230
Formula: y = mx + b
m: 4.38299
b: 1.56435e-3
x: Amount Ratio
y: Area Ratio



n-PROPANOL at exp. RT: 1.775
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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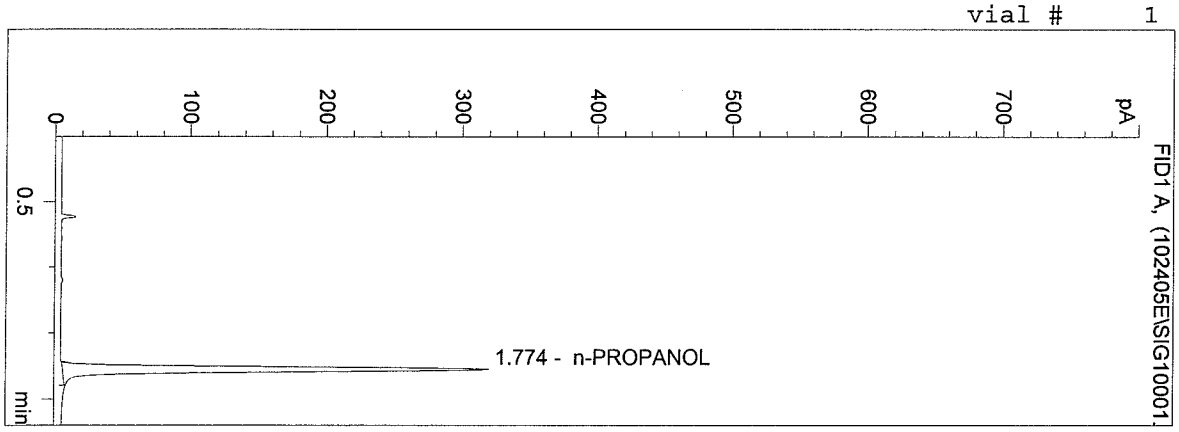
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:23:11 AM
Instrument 3
db-alc2

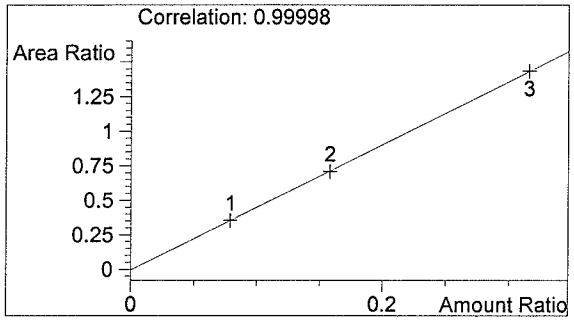
BLANK
ED FORMOSO

vial # 1

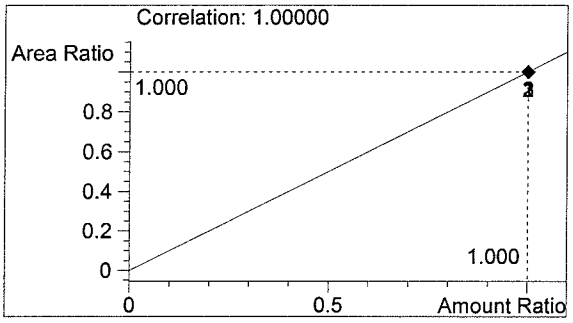


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	843	1.774

Totals:



ETHANOL 0.000 g/100ml



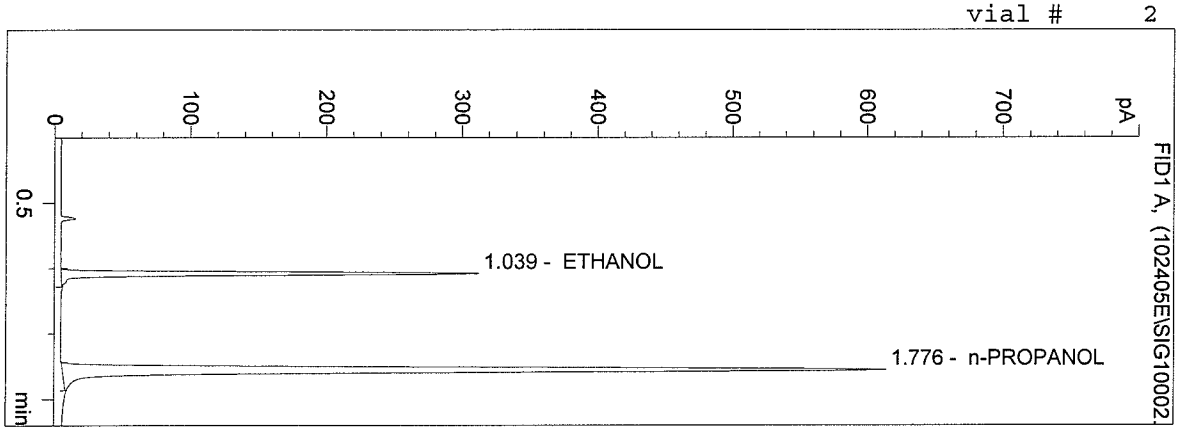
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:26:18 AM
Instrument 3
db-alc2

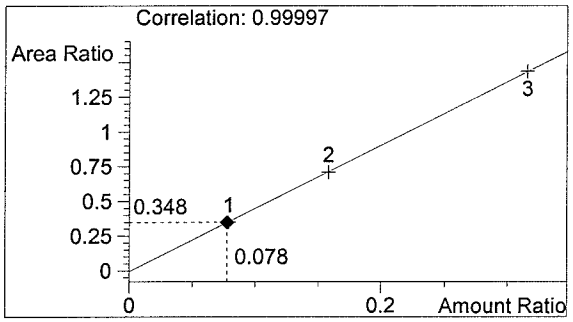
0.079 CAL
ED FORMOSO

vial # 2

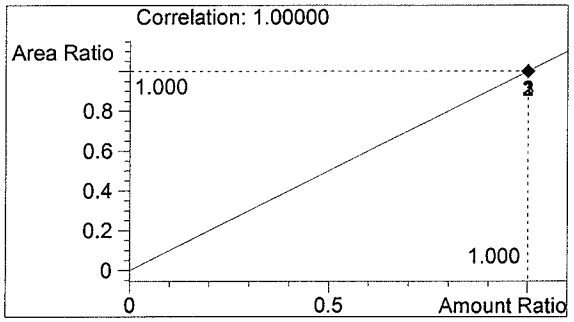


#	Compound	Area	RT
1	ETHANOL	570	1.039
2	n-PROPANOL	1638	1.776

Totals:



ETHANOL 0.078 g/100ml



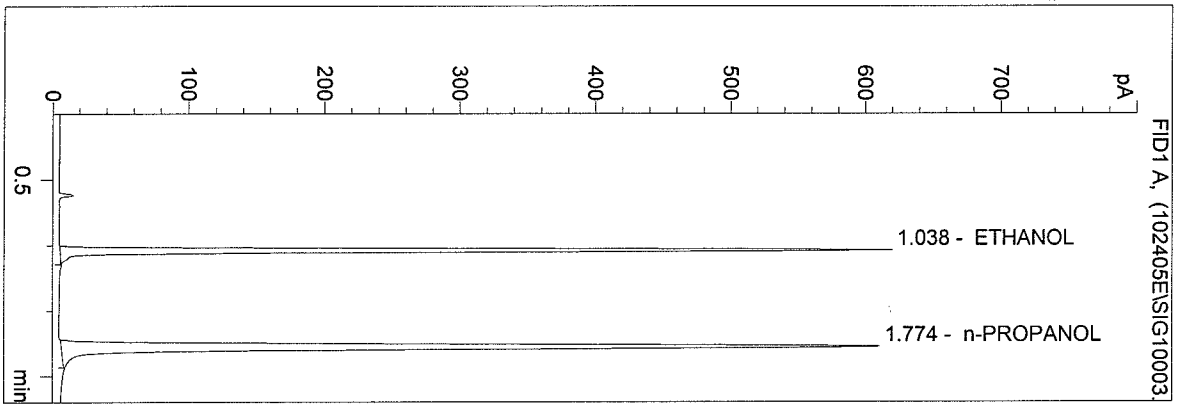
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:29:25 AM
Instrument 3
db-alc2

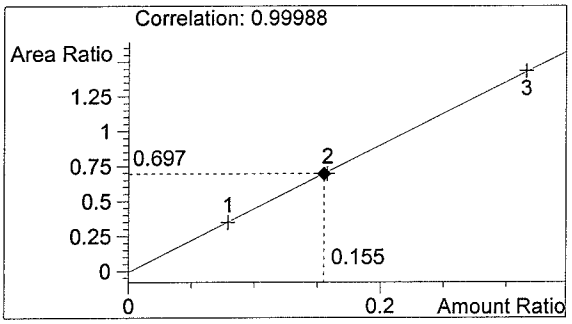
0.158 CAL
ED FORMOSO

vial # 3

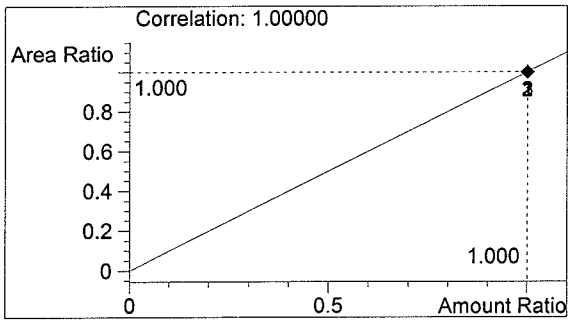


#	Compound	Area	RT
1	ETHANOL	1132	1.038
2	n-PROPANOL	1625	1.774

Totals:



ETHANOL 0.155 g/100ml



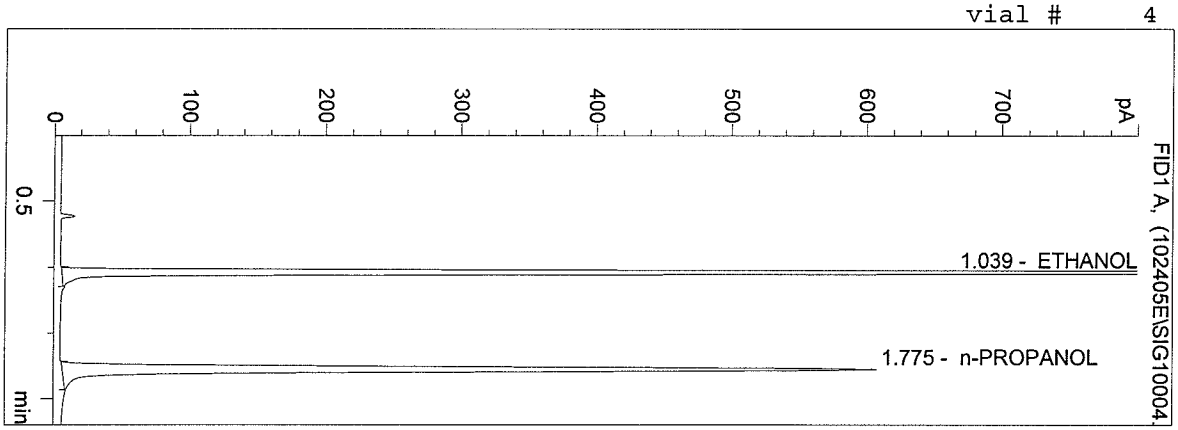
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:32:33 AM
Instrument 3
db-alc2

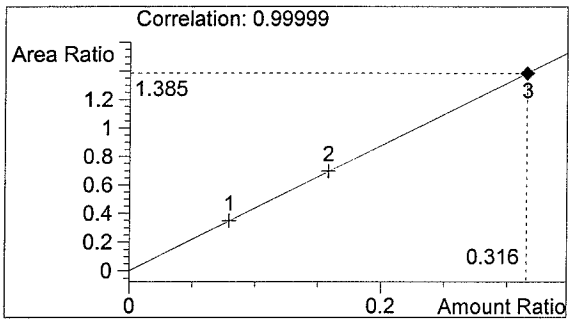
0.316 CAL
ED FORMOSO

vial # 4

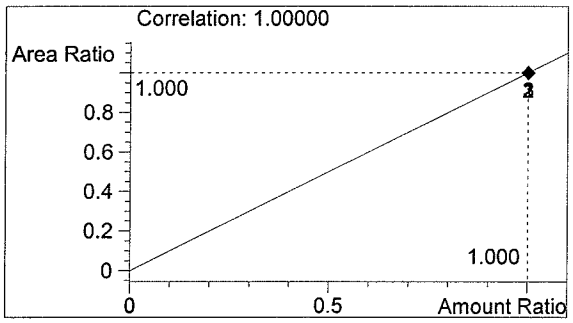


#	Compound	Area	RT
1	ETHANOL	2238	1.039
2	n-PROPANOL	1616	1.775

Totals:



ETHANOL 0.316 g/100ml



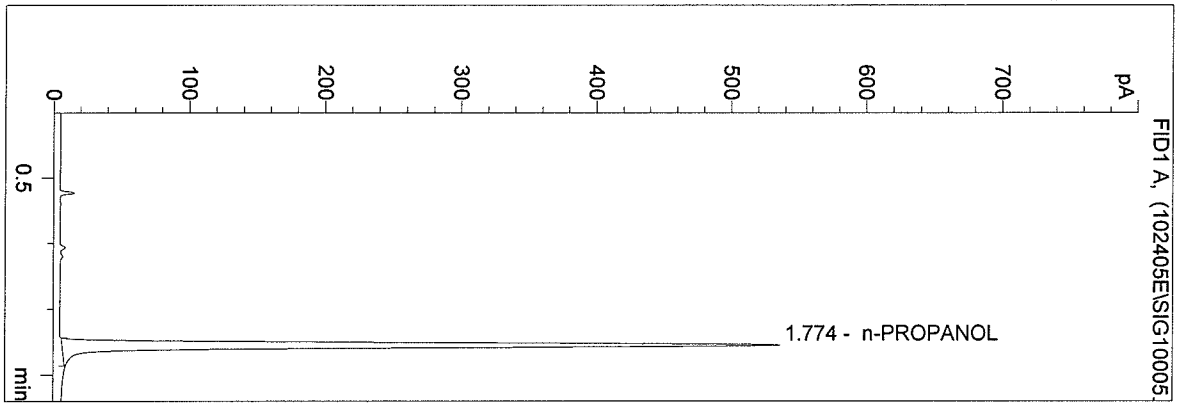
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:35:40 AM
Instrument 3
db-alc2

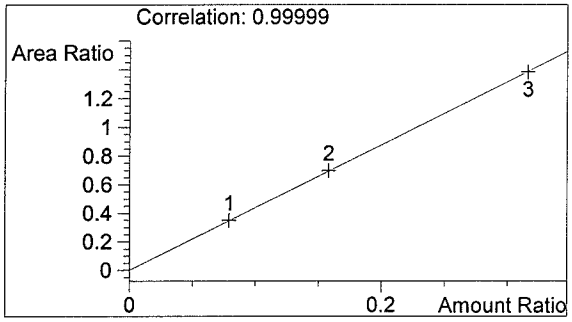
BLANK
ED FORMOSO

vial # 5

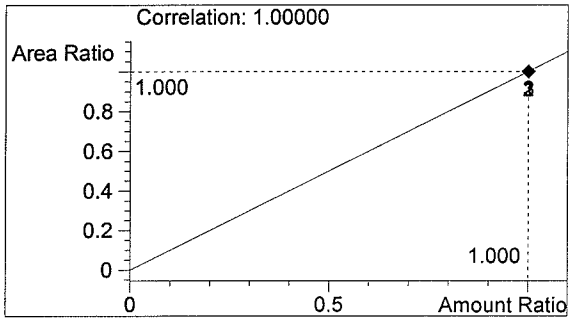


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1427	1.774

Totals:



ETHANOL 0.000 g/100ml



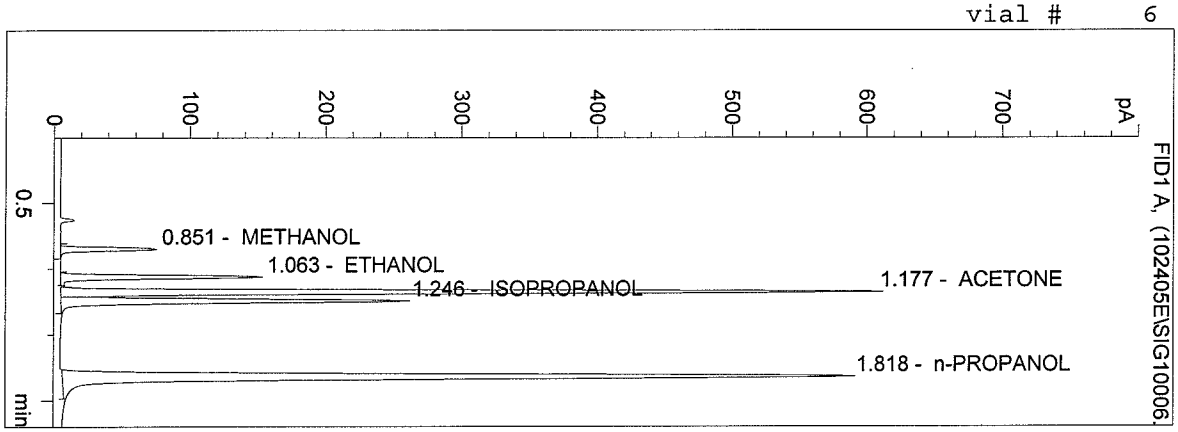
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
10/24/2005 11:38:48 AM
Instrument 3
db-alc2

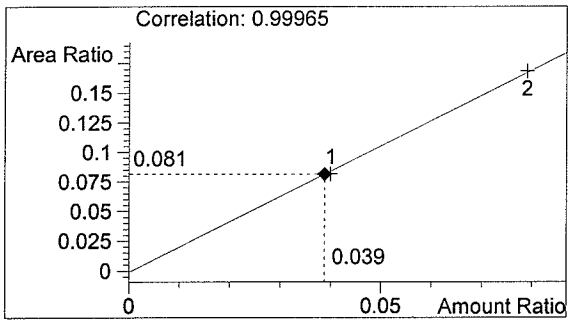
0.04 MIX
ED FORMOSO

vial # 6

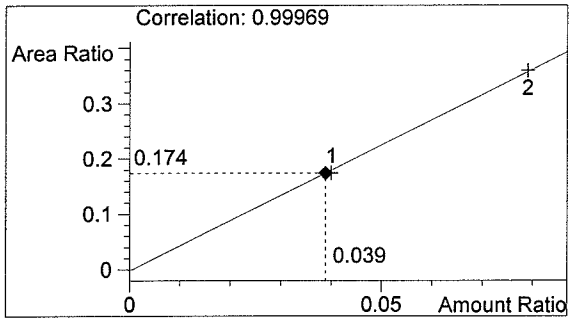


#	Compound	Area	RT
1	METHANOL	130	0.851
2	ETHANOL	279	1.063
3	ACETONE	1135	1.177
4	ISOPROPANOL	548	1.246
5	n-PROPANOL	1600	1.818

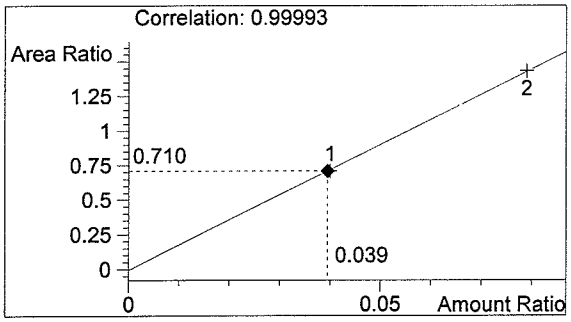
Totals:



METHANOL 0.039 g/100ml



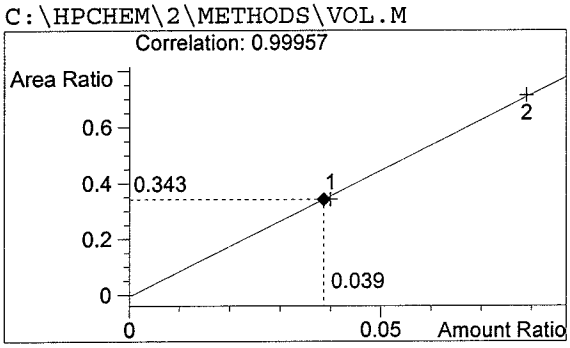
ETHANOL 0.039 g/100ml



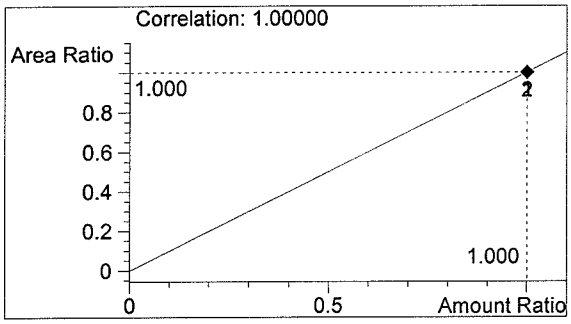
ACETONE 0.039 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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



ISOPROPANOL 0.039 g/100ml



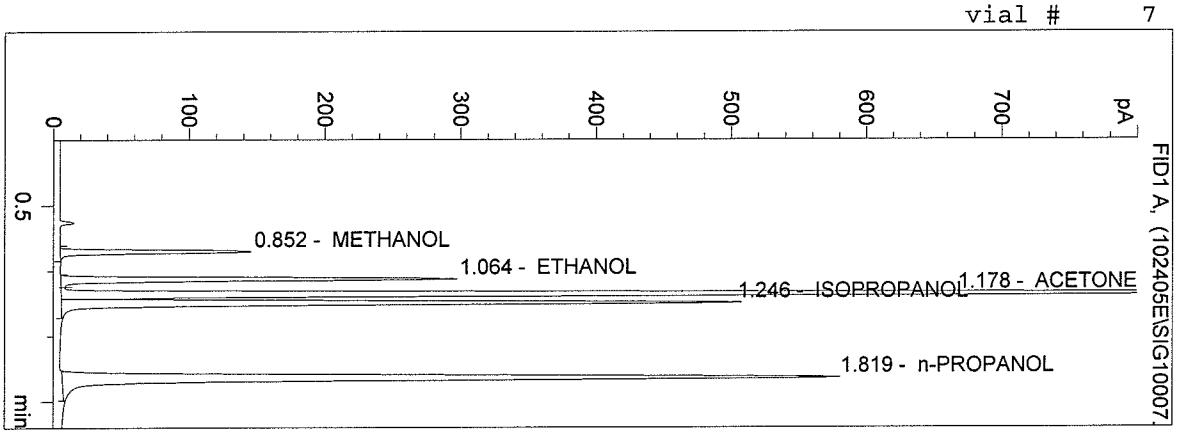
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
10/24/2005 11:41:55 AM
Instrument 3
db-alc2

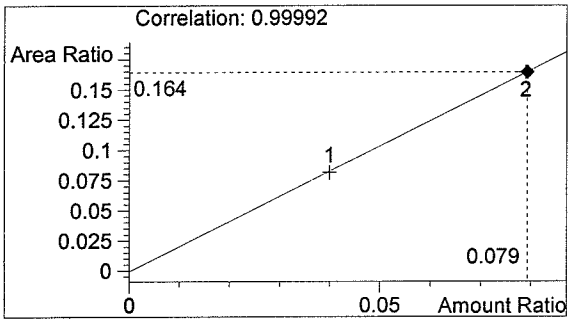
0.08 MIX
ED FORMOSO

vial # 7

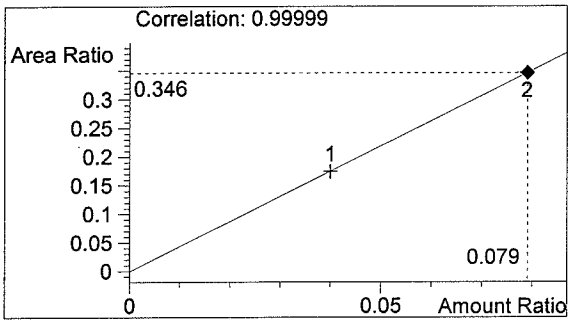


#	Compound	Area	RT
1	METHANOL	257	0.852
2	ETHANOL	542	1.064
3	ACETONE	2218	1.178
4	ISOPROPANOL	1065	1.246
5	n-PROPANOL	1565	1.819

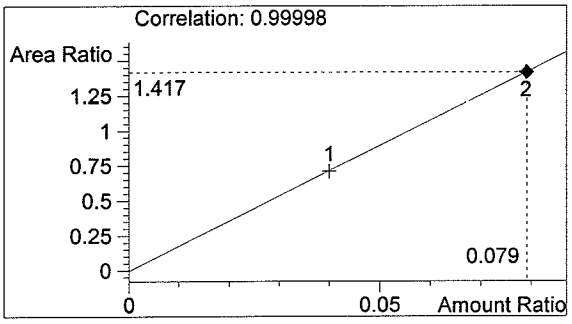
Totals:



METHANOL 0.079 g/100ml



ETHANOL 0.079 g/100ml



ACETONE 0.079 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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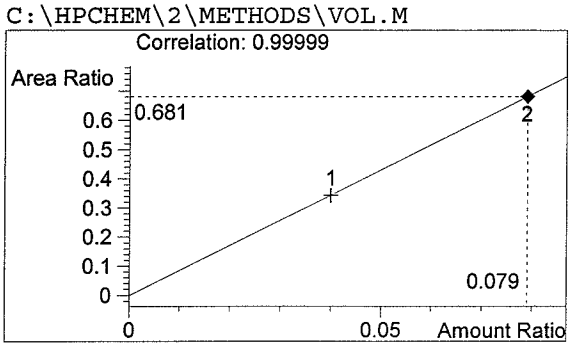
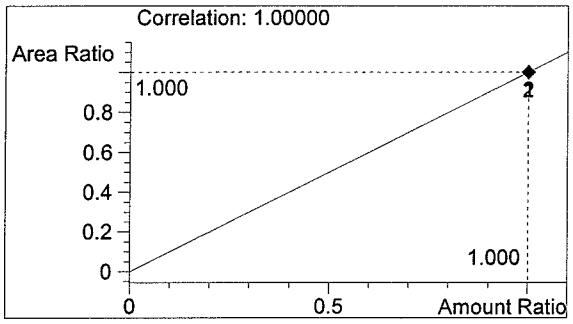


ISOPROPANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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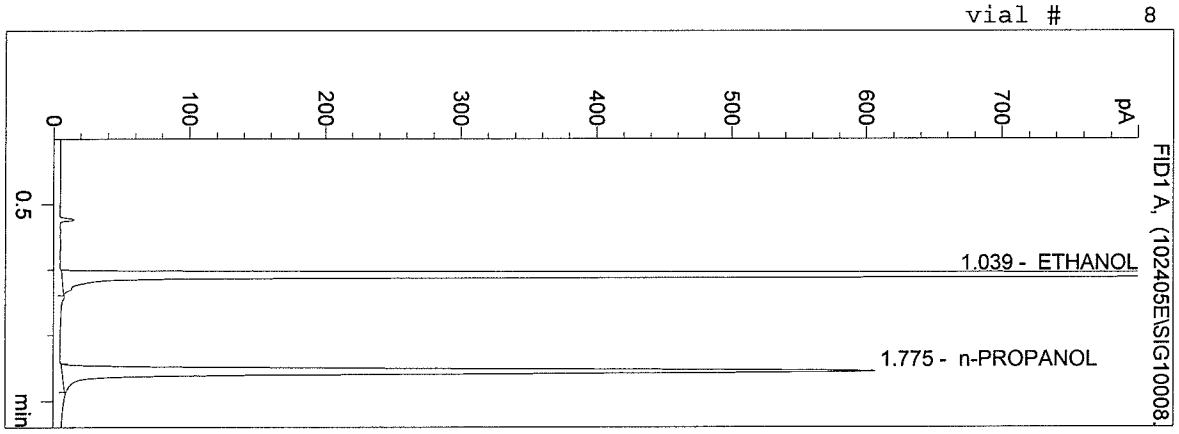
10/24/2005 11:45:05 AM
Instrument 3
db-alc2

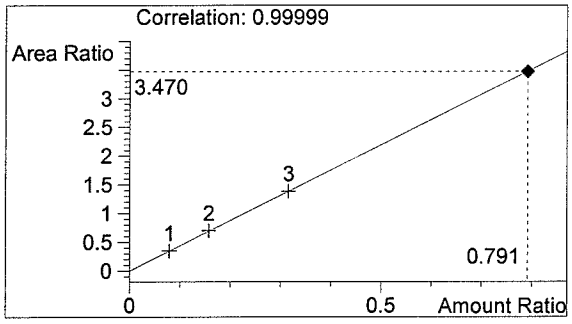
0.79 STD
ED FORMOSO

vial # 8

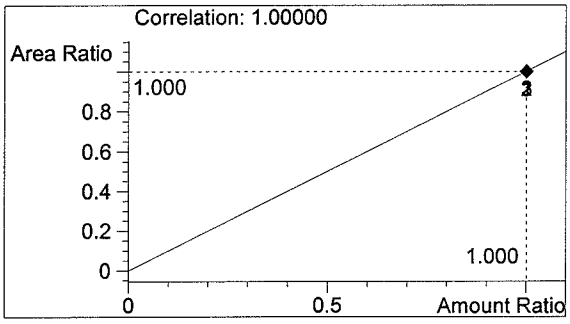


#	Compound	Area	RT
1	ETHANOL	5595	1.039
2	n-PROPANOL	1613	1.775

Totals:



ETHANOL 0.791 g/100ml

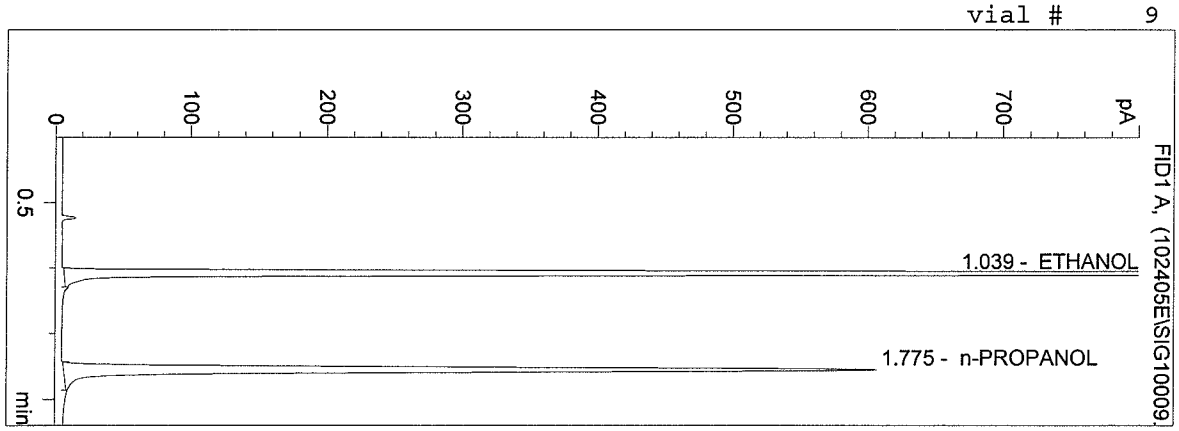


n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

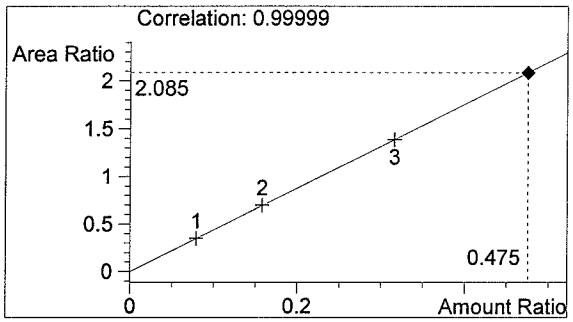
C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:48:12 AM 0.474 STD
Instrument 3 ED FORMOSO
db-alc2

vial # 9

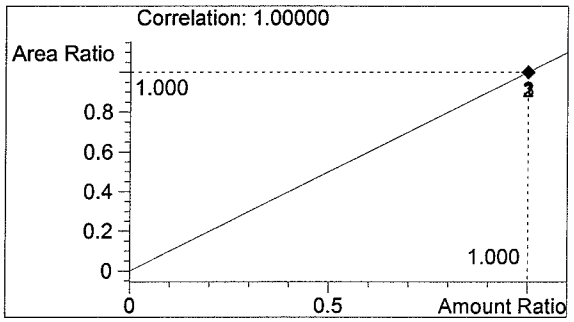


#	Compound	Area	RT
1	ETHANOL	3370	1.039
2	n-PROPANOL	1616	1.775

Totals:



ETHANOL 0.475 g/100ml



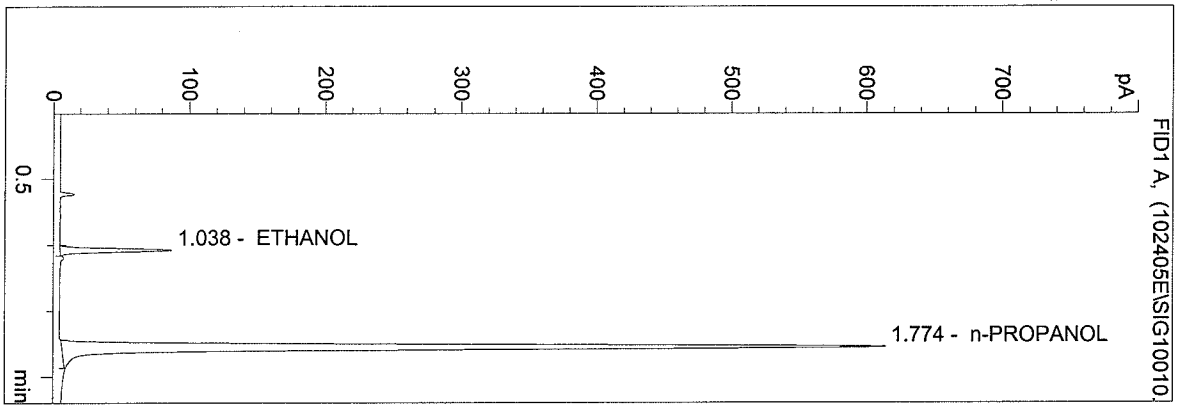
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:51:20 AM
Instrument 3
db-alc2

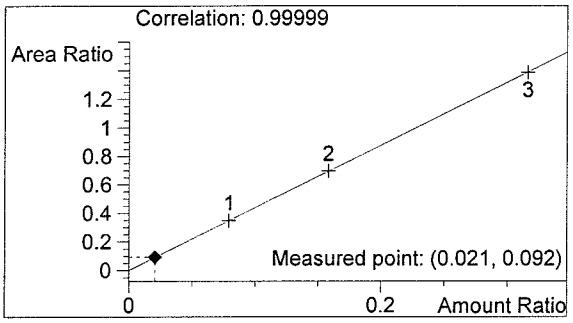
0.02 STD
ED FORMOSO

vial # 10

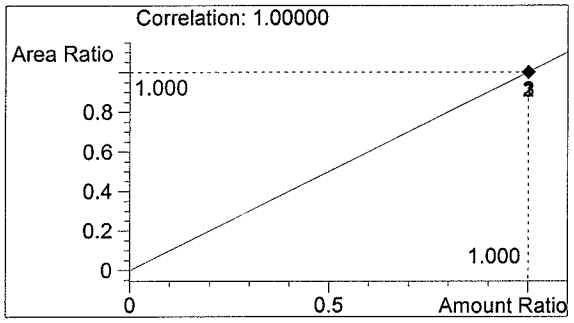


#	Compound	Area	RT
1	ETHANOL	151	1.038
2	n-PROPANOL	1637	1.774

Totals:



ETHANOL 0.021 g/100ml



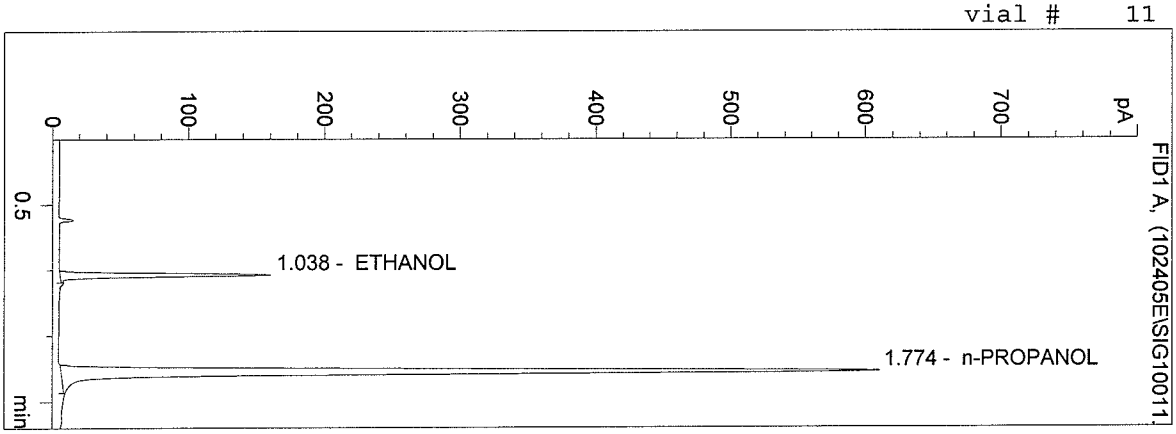
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:54:27 AM
Instrument 3
db-alc2

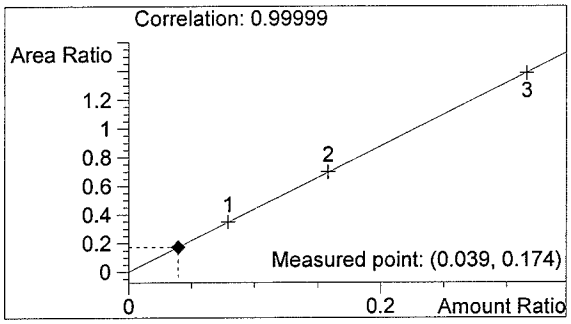
0.04 CONTROL-EF
ED FORMOSO

vial # 11

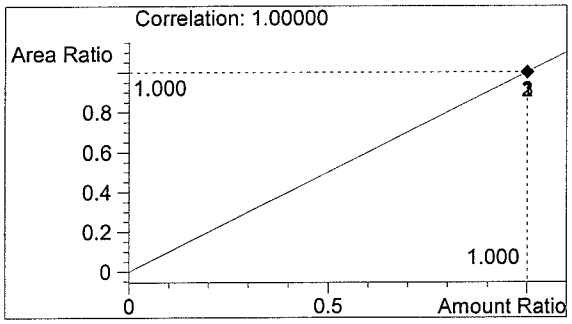


#	Compound	Area	RT
1	ETHANOL	283	1.038
2	n-PROPANOL	1625	1.774

Totals:



ETHANOL 0.039 g/100ml



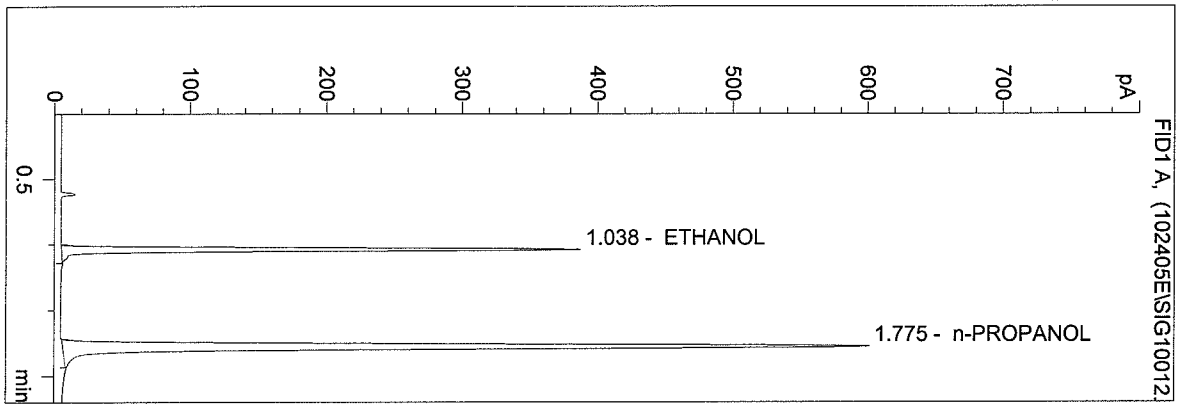
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 11:57:34 AM
Instrument 3
db-alc2

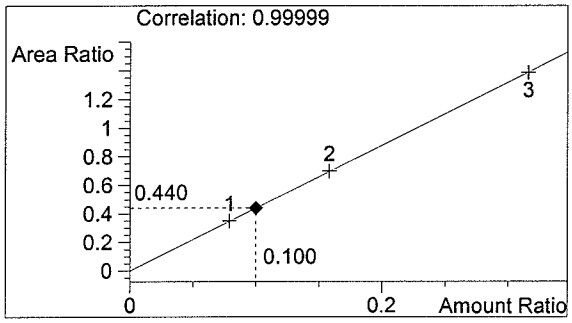
0.10 CONTROL-EF
ED FORMOSO

vial # 12

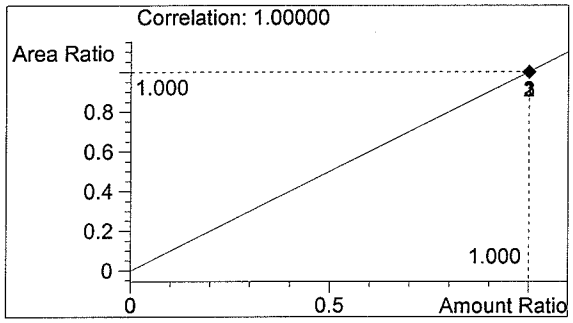


#	Compound	Area	RT
1	ETHANOL	705	1.038
2	n-PROPANOL	1603	1.775

Totals:



ETHANOL 0.100 g/100ml



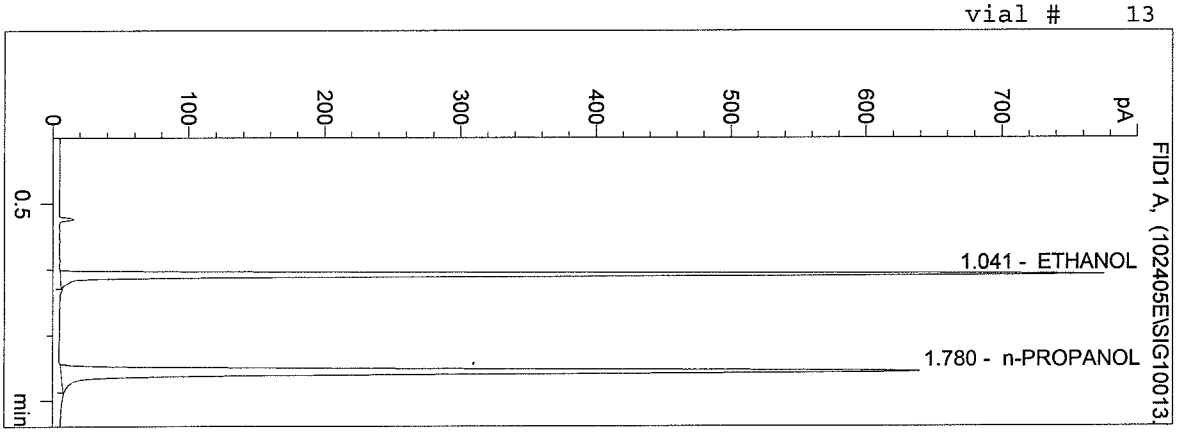
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 12:00:41 PM
Instrument 3
db-alc2

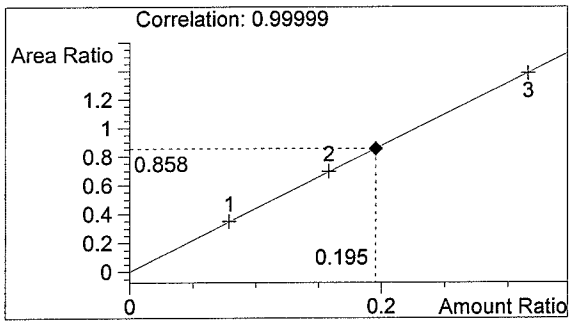
0.20 CONTROL-EF
ED FORMOSO

vial # 13

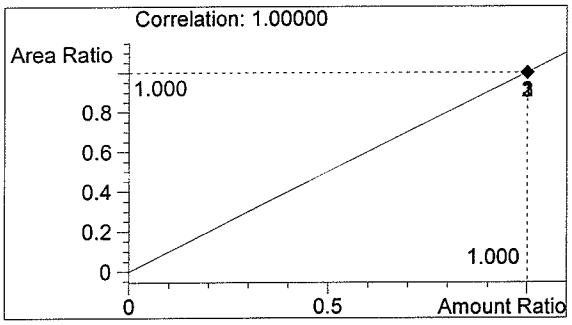


#	Compound	Area	RT
1	ETHANOL	1469	1.041
2	n-PROPANOL	1713	1.780

Totals:



ETHANOL 0.195 g/100ml



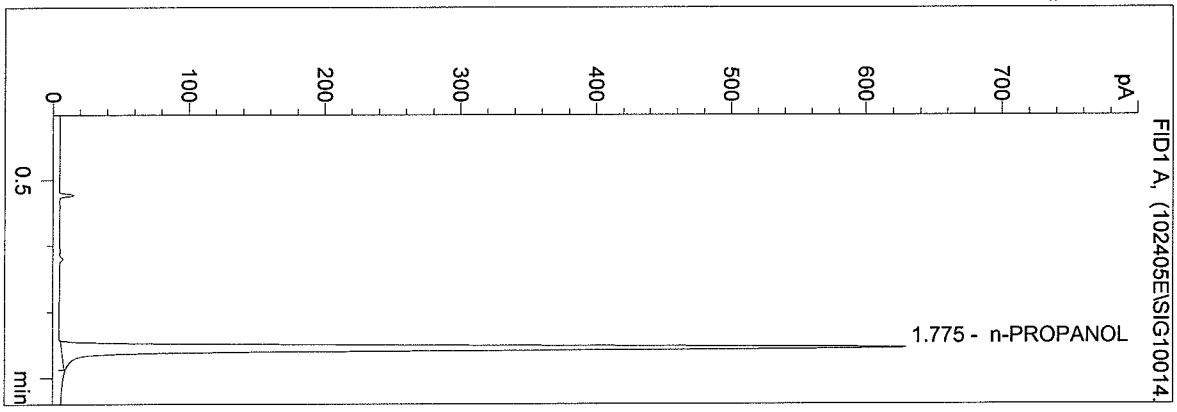
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
10/24/2005 12:03:49 PM
Instrument 3
db-alc2

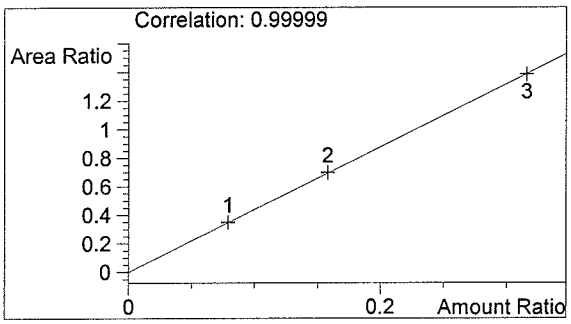
BLANK
ED FORMOSO

vial # 14

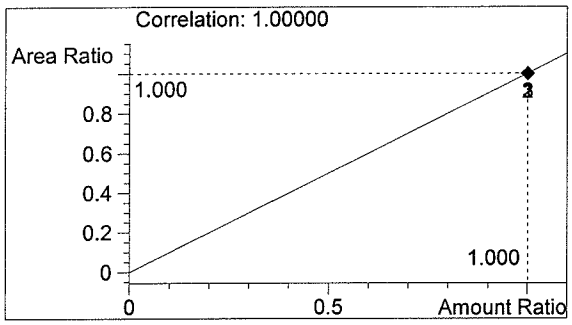


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1678	1.775

Totals:



ETHANOL 0.000 g/100ml



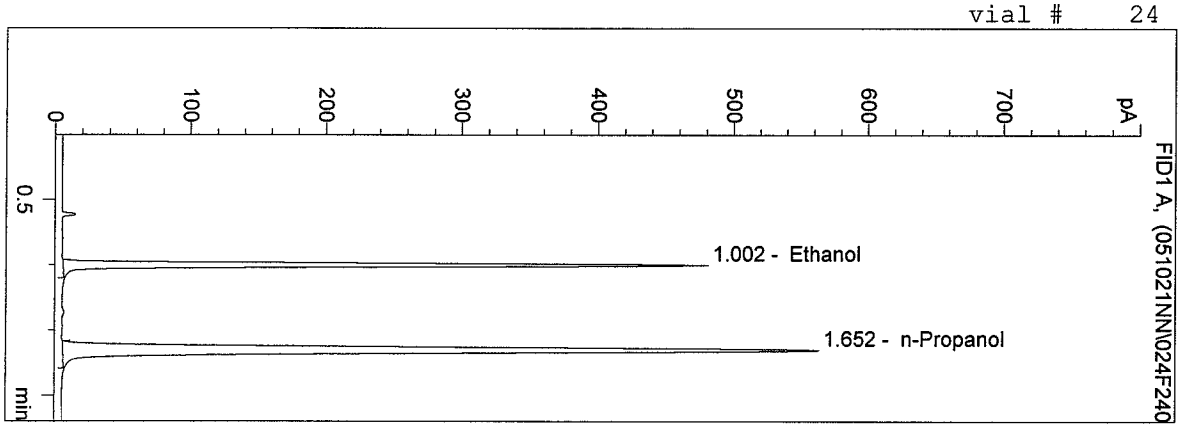
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
10/21/2005 11:12:51 AM
Instrument 4
DB-ALC1

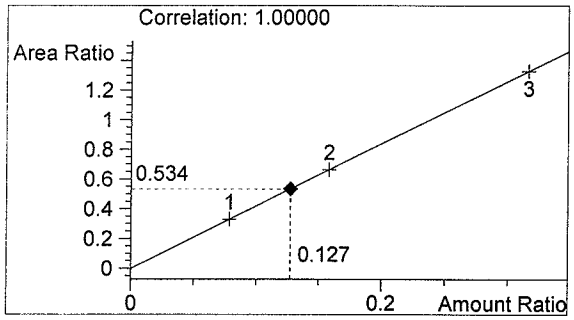
05039 QA-1
N Nuwayhid, PhD

vial # 24

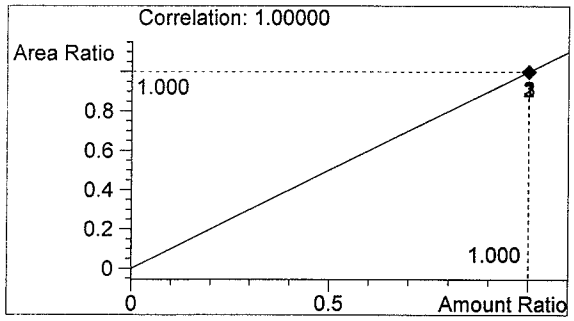


#	Compound	Area	RT
1	Ethanol	927	1.002
2	n-Propanol	1738	1.652

Totals:



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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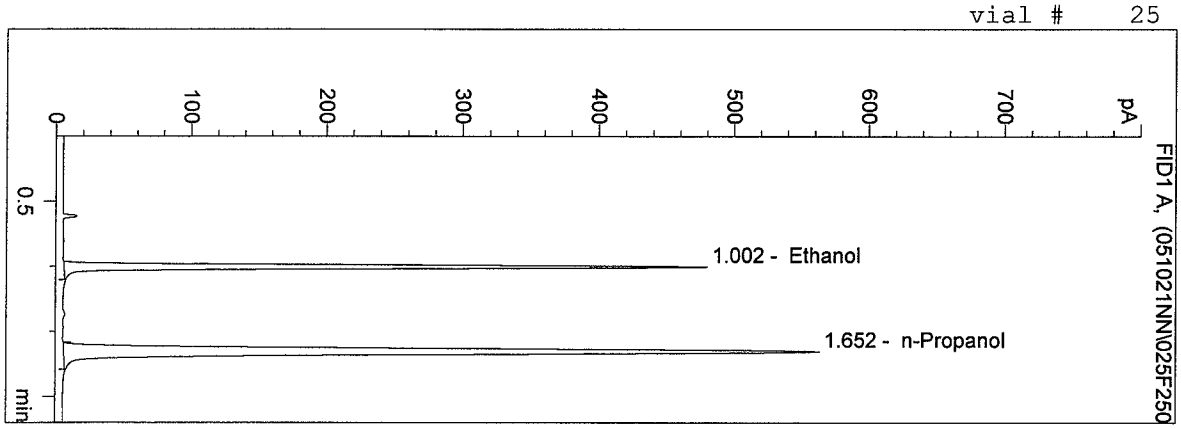
Instrument 4
DB-ALC1

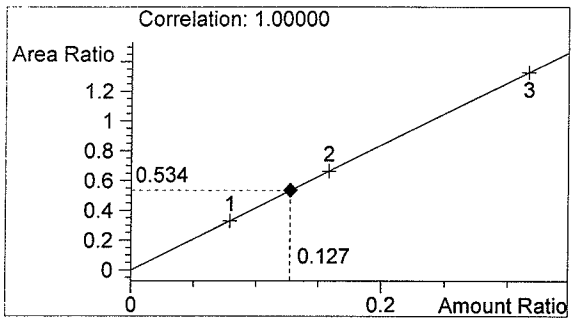
05039 QA-2
N Nuwayhid, PhD

vial # 25

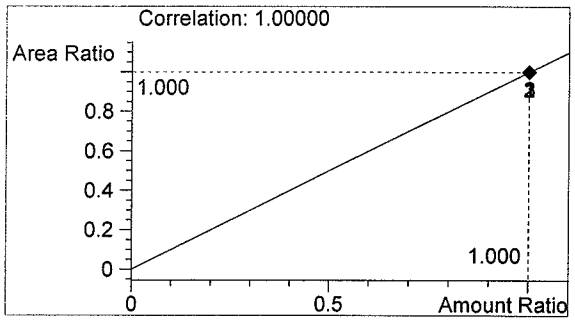


#	Compound	Area	RT
1	Ethanol	928	1.002
2	n-Propanol	1737	1.652

Totals:



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

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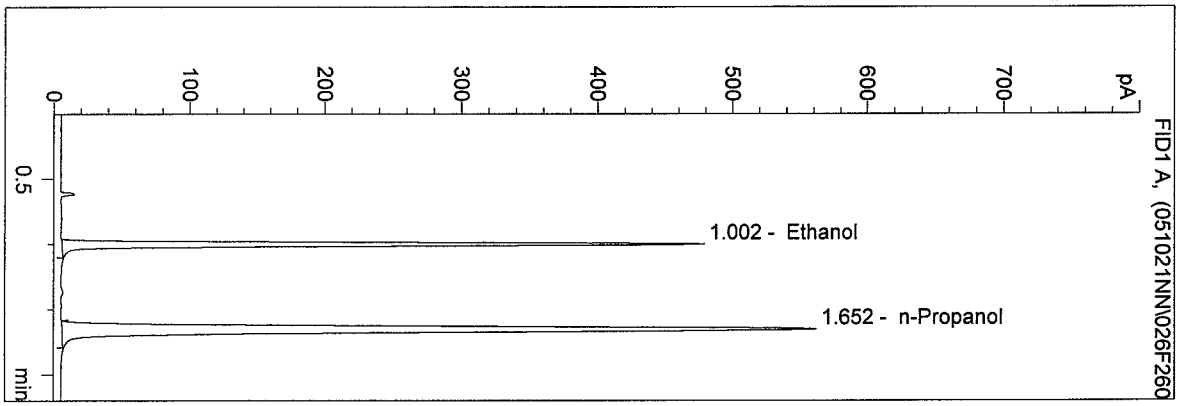
10/21/2005 11:19:28 AM
Instrument 4
DB-ALC1

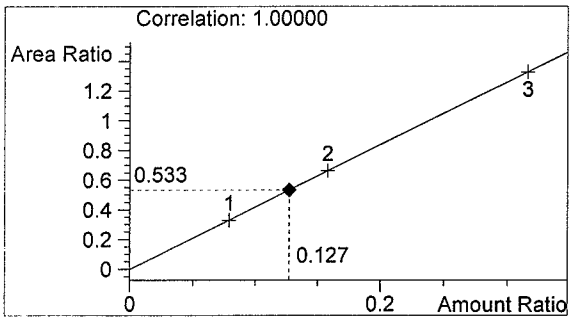
05039 QA-3
N Nuwayhid, PhD

vial # 26

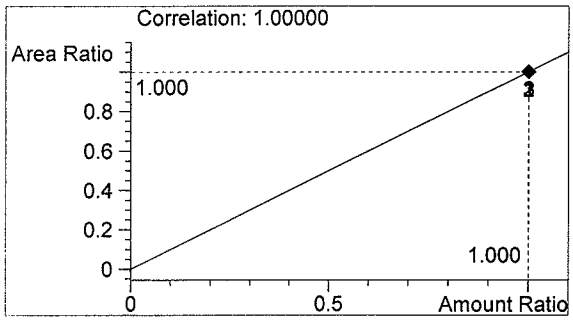


#	Compound	Area	RT
1	Ethanol	924	1.002
2	n-Propanol	1733	1.652

Totals:



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

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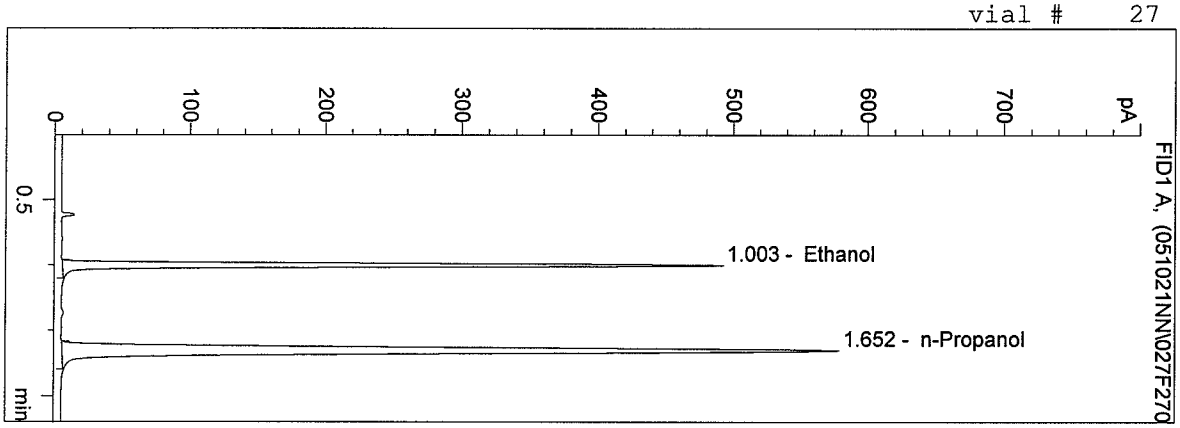
D:\HPCHEM\1\METHODS\BLDALCO.M
10/21/2005 11:22:45 AM
Instrument 4
DB-ALC1

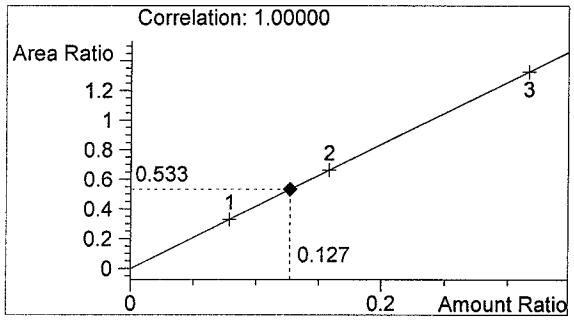
05039 QA-4
N Nuwayhid, PhD

vial # 27

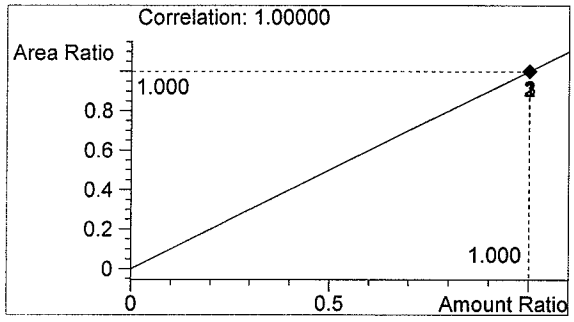


#	Compound	Area	RT
1	Ethanol	952	1.003
2	n-Propanol	1787	1.652

Totals:



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

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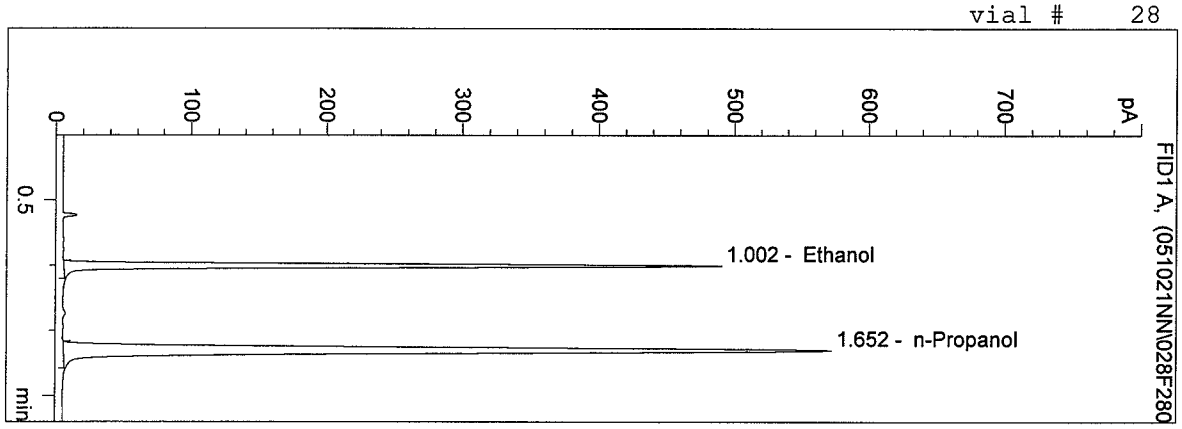
Instrument 4
DB-ALC1

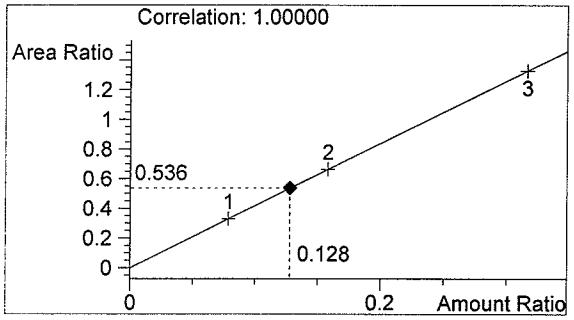
05039 QA-5
N Nuwayhid, PhD

vial # 28

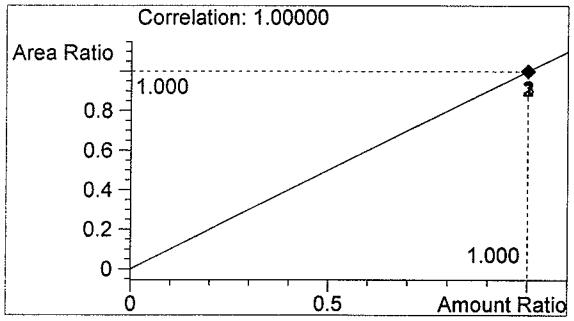


#	Compound	Area	RT
1	Ethanol	947	1.002
2	n-Propanol	1766	1.652

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

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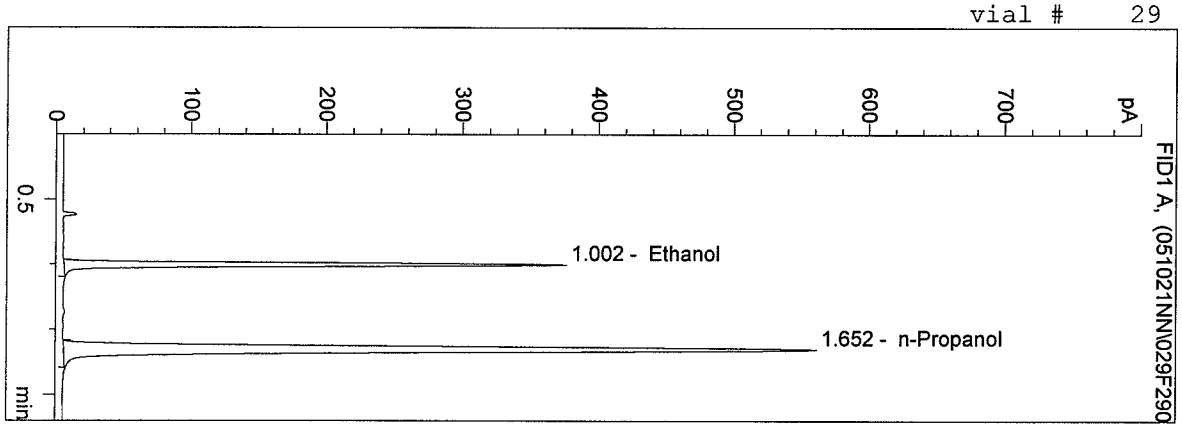
Instrument 4
DB-ALC1

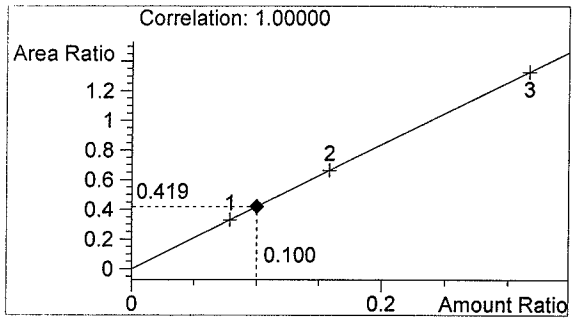
0.100 CTL-NN
N Nuwayhid, PhD

vial # 29

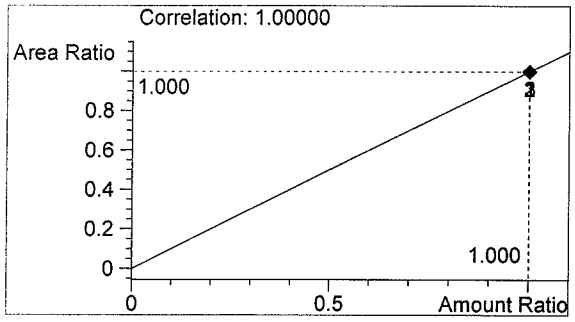


#	Compound	Area	RT
1	Ethanol	725	1.002
2	n-Propanol	1733	1.652

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 4
DB-ALC1

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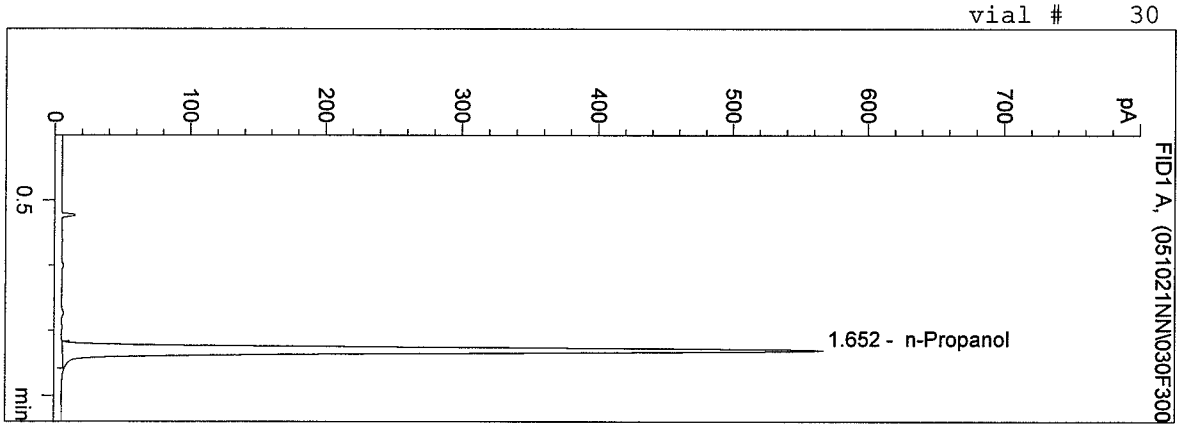
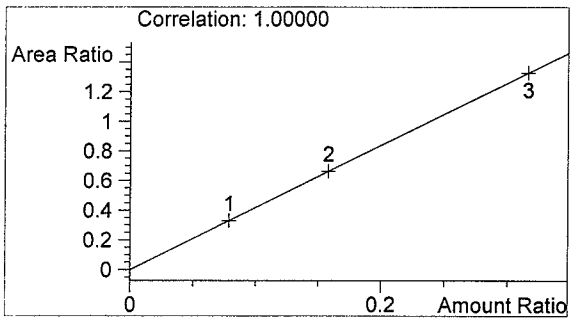
N Nuwayhid, PhD

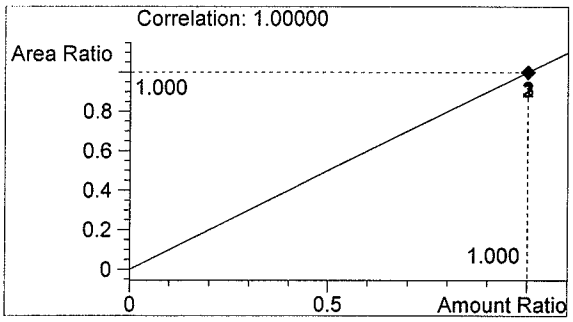
vial # 30



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1750	1.652
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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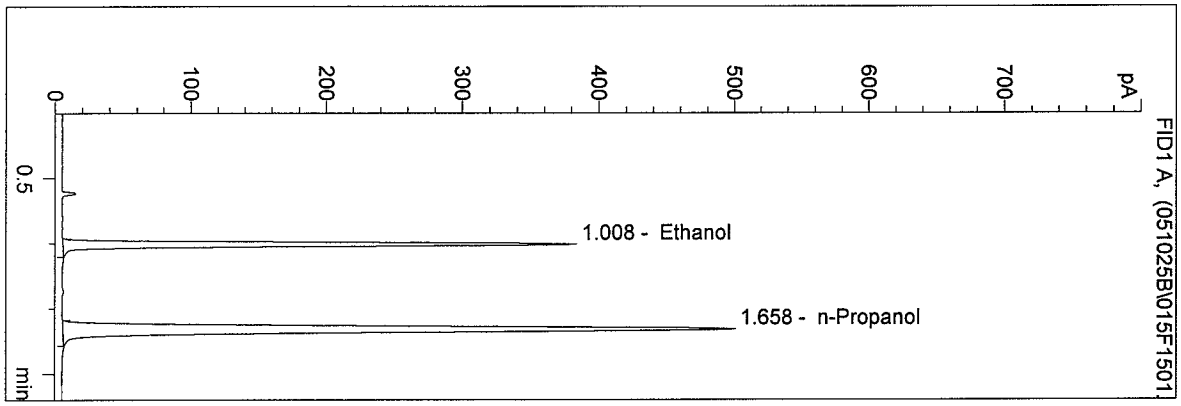
Instrument 4
DB-ALC1

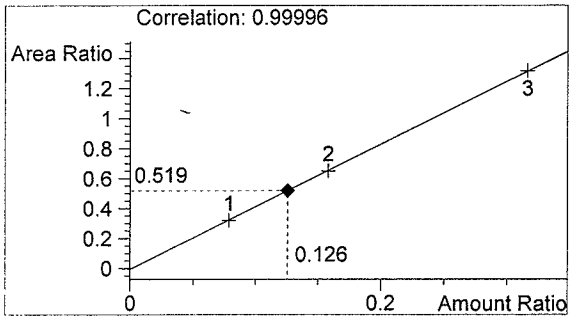
05039
bcapron

vial # 15

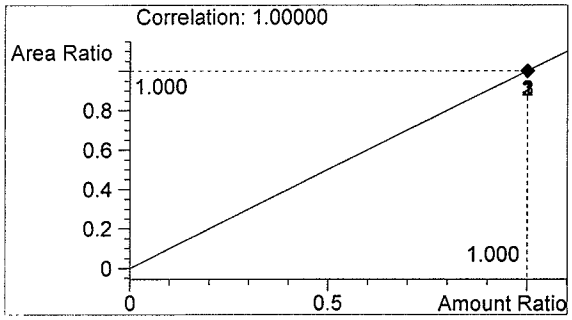


#	Compound	Area	RT
1	Ethanol	823	1.008
2	n-Propanol	1585	1.658

Totals:



Ethanol 0.126 g/100ml



n-Propanol 1.000 g/100ml

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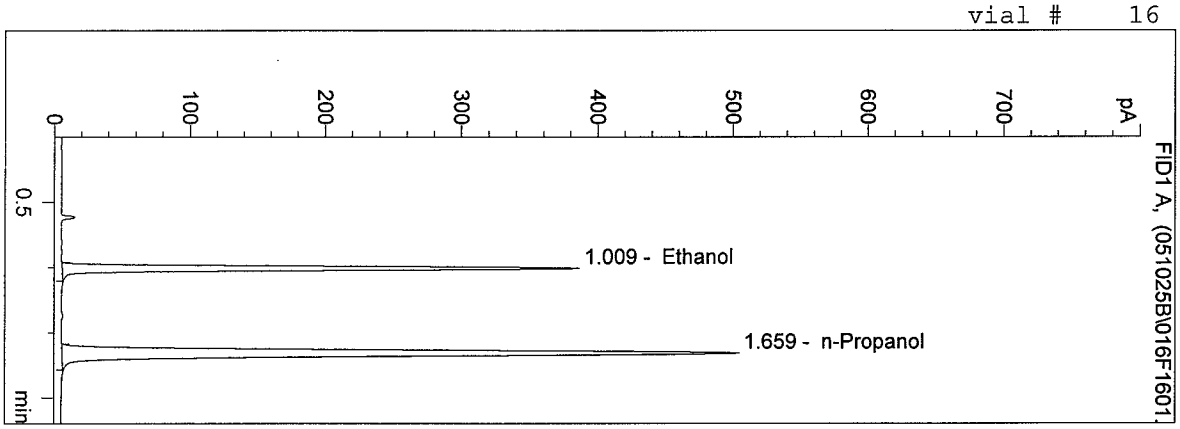
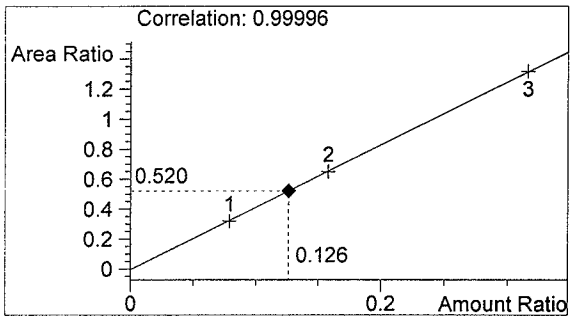
Instrument 4 bcapron
DB-ALC1

vial # 16

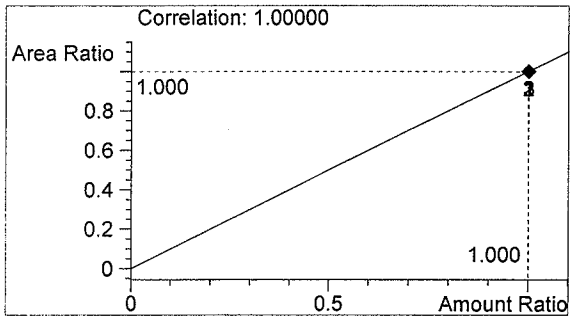


#	Compound	Area	RT
1	Ethanol	833	1.009
2	n-Propanol	1601	1.659

Totals:



Ethanol 0.126 g/100ml



n-Propanol 1.000 g/100ml

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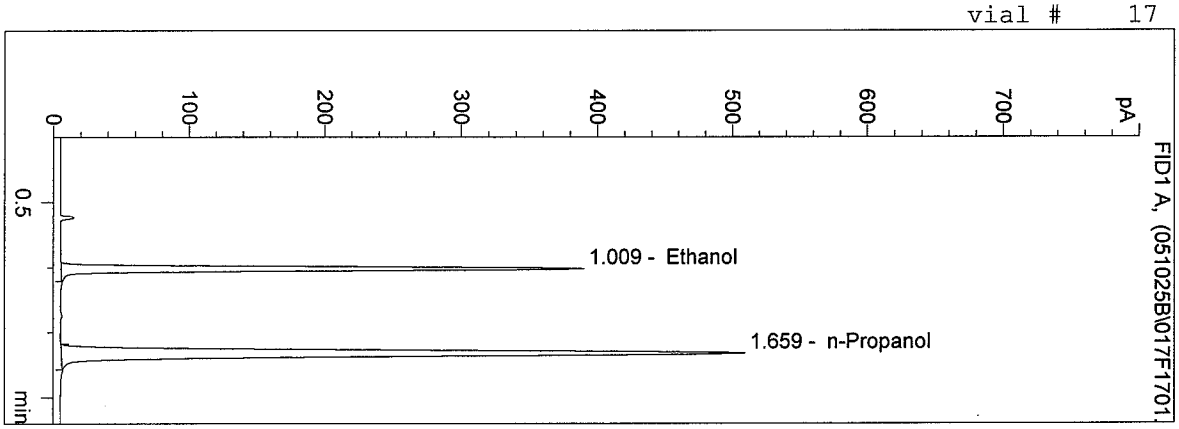
10/25/2005 6:31:05 PM
Instrument 4
DB-ALC1

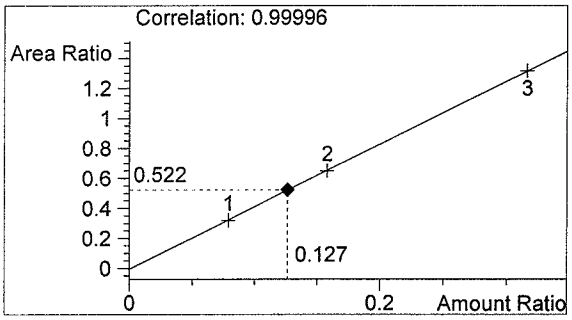
05039
bcapron

vial # 17

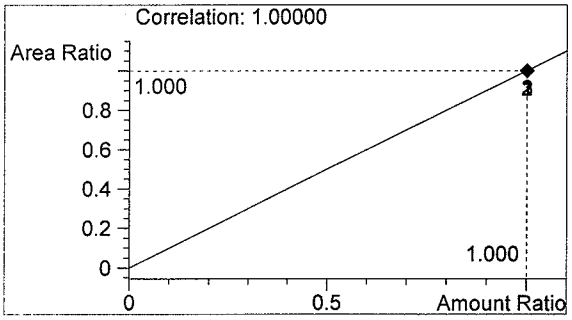


#	Compound	Area	RT
1	Ethanol	846	1.009
2	n-Propanol	1619	1.659

Totals:



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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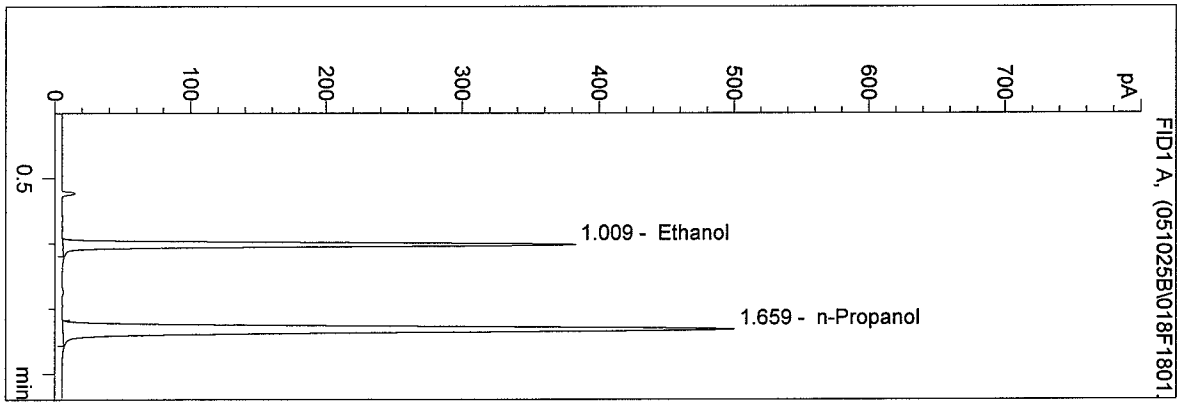
Instrument 4
DB-ALC1

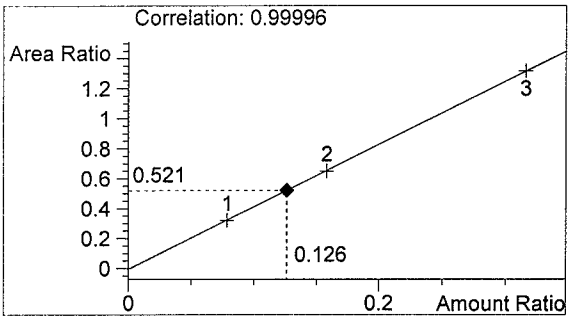
05039
bcapron

vial # 18

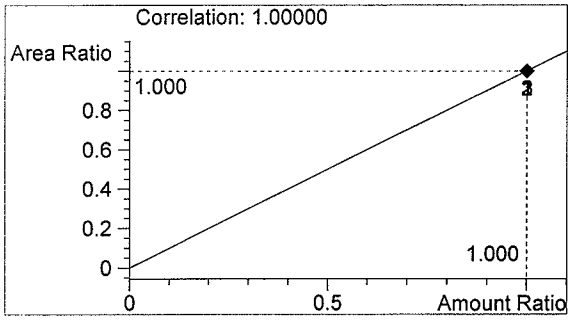


#	Compound	Area	RT
1	Ethanol	830	1.009
2	n-Propanol	1592	1.659

Totals:



Ethanol 0.126 g/100ml



n-Propanol 1.000 g/100ml

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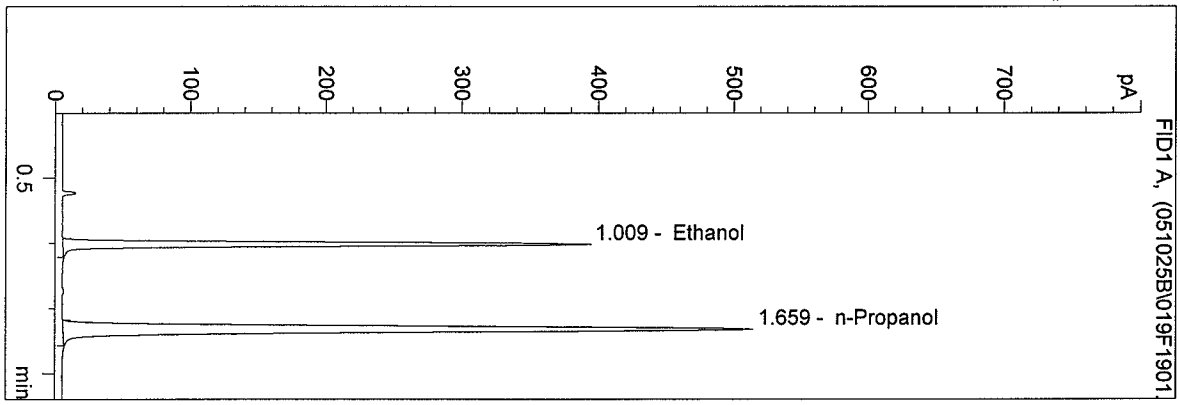
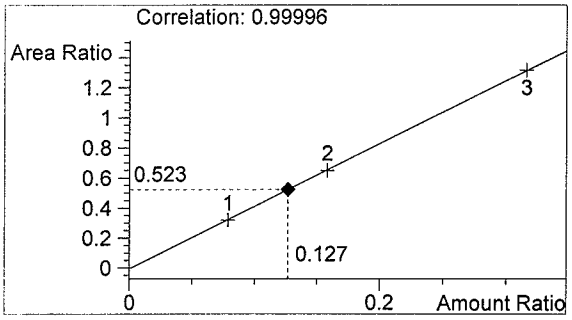
Instrument 4 bcapron
DB-ALC1

vial # 19

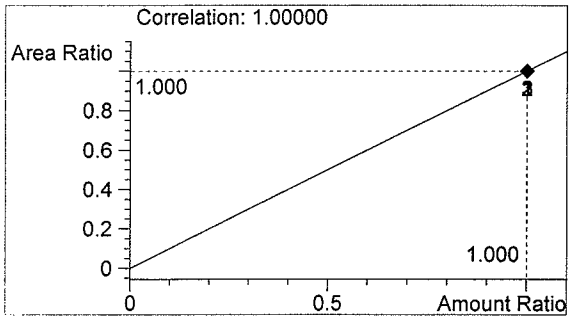


#	Compound	Area	RT
1	Ethanol	856	1.009
2	n-Propanol	1637	1.659

Totals:



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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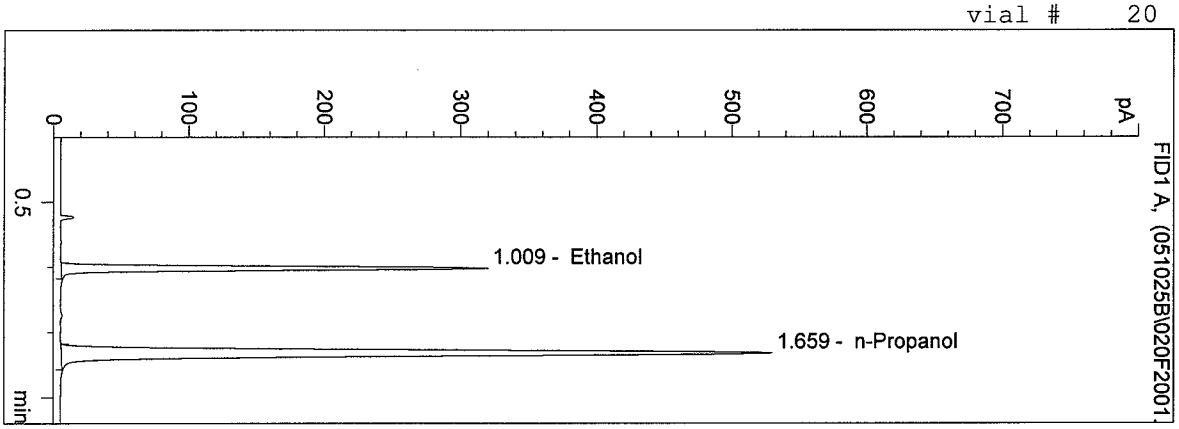
10/25/2005 6:41:02 PM
Instrument 4
DB-ALC1

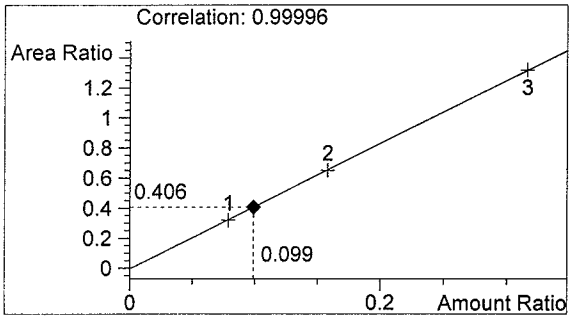
0.10 control bc
bcapron

vial # 20

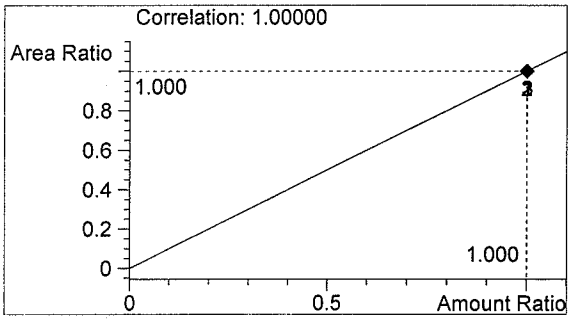


#	Compound	Area	RT
1	Ethanol	685	1.009
2	n-Propanol	1685	1.659

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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10/25/2005 6:44:19 PM
Instrument 4
DB-ALC1

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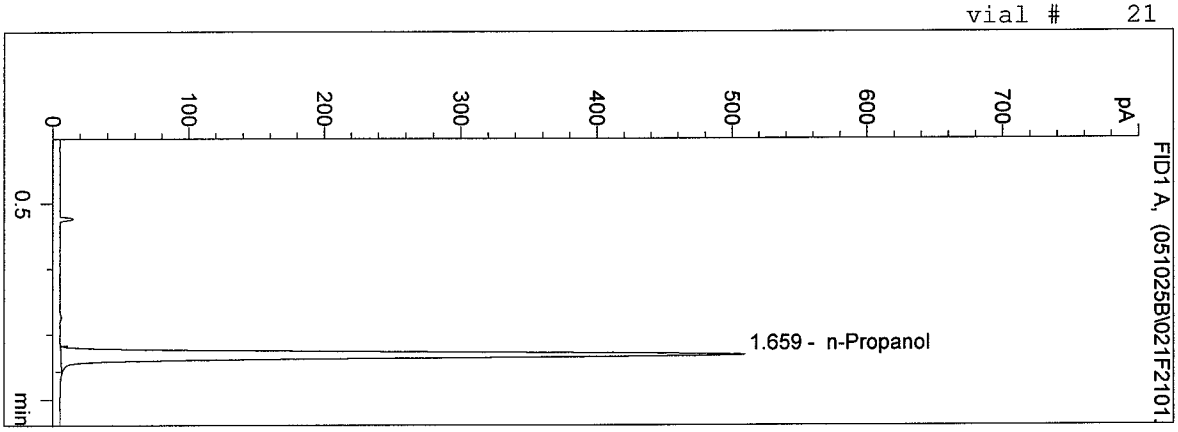
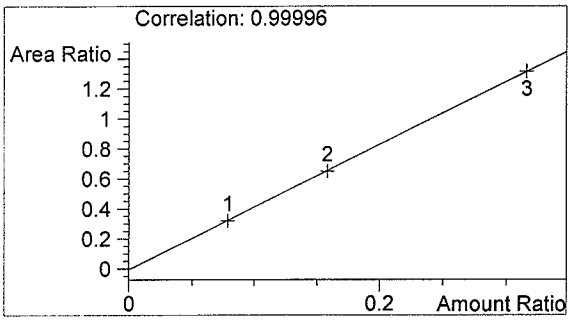
bcapron

vial # 21

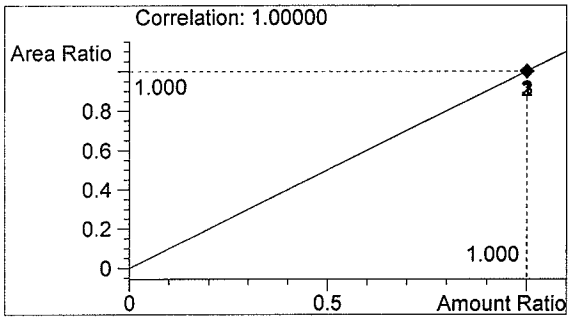


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1620	1.659

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml