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.

11/27/2007

Tpr. Ken Denton Date

11-27-07

Rod G. Gullberg Date

WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/ s: KEN BENTON / ROB GULLERY Date: 11-6-07

Location: TOX LAB SEATTLE Solution Batch Number: 02044

	YES	NO
Preparation date precedes all analysis dates:	☒	☐
Data entry corresponds to all chromatograms:	☒	☐
All signatures present on Analysis sheet:	☒	☐
Avg. solution concentration correct?:	☒	☐
Standard deviation correct:	☐	☒
Range correct:	☒	☐
Equivalent vapor concentration correct?	☒	☐
External Control information correct: (lot # and future date)	☒	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐
Corrections Necessary/ Comments	☒	☐

NO CONTROL VALUE FOR WILLIAM MARSHALL
INCORRECT DATE FOR MELISSA P.
MISSING CONTROL CHROMATOGRAM FOUND AND PLACED IN FILE ON 11/27/2007 RGG K.D.

Reviewer Signature: RG Gullery Date: 11-6-07

Reviewer Signature: K.L. Dff Date: 11/6/2007

Rev. Date: 10/31/2007

WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
WASHINGTON STATE PATROL
2203 AIRPORT WAY S, SUITE 360
SEATTLE, WASHINGTON 98134-2027
(206) 464-5435 FAX (206) 389-2738

Preparation and certification of **0.08** g/210L **Simulator External Standard solution**

Batch number **02044** Date: 12/2/2002

Preparation: 69.1 mL of absolute ethyl alcohol diluted to 54 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
1	0.102	0.102	0.101	0.103	0.102	0.102	0.102	0.100	0.101	0.102		
2	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.103	0.102	0.102		
3	0.103	0.102	0.102	0.102	0.102	0.103	0.103	0.103	0.103	0.102		
4	0.102	0.102	0.102	0.102	0.102	0.103	0.103	0.103	0.104	0.102		
5	0.102	0.102	0.101	0.102	0.102	0.103	0.103	0.103	0.102	0.102		
Ctrl	0.100	0.100	0.099	0.100	0.100	0.100	0.100	0.100	0.099	0.100		

RLL 11-6-07

External Control:

Lot #: A021986 Exp date: 1/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1022 g/100 mL

SD: ~~0.00068~~ 0.00067

Range (3xSD): 0.1002 to 0.1042

Precision CV (%): ~~0.6618~~ 0.6556 %

Equivalent vapor concent.: 0.0831 g/210L

Analyst	Name	Signature	Date
1	William P. Marshall	Wm P Marshall	12/03/02
2	Naziha Nuwayhid, PhD		12/03/02
3	Ruth Luthi	Ruth Luthi	12/04/02
4	Ann Marie Gordon	Ann Marie Gordon	12/04/02
5	Edward Formoso	Ed Formoso	12/04/02
6	Mary E Wilson	Mary E Wilson	12/04/02
7	Eugene Schwilke	Gene Schwilke	~~12/05/02~~ 12/6/02
8	Melissa Pemberton	Melissa L Pemberton	~~12/05/02~~ 12/6/02
9	Jayne E. Thatcher	Jayne E. Thatcher	12/09/02
10	Estuardo J. Miranda	E Miranda	12/13/02
11			
12			

RLL 11-6-07

Prepared by: William P. Marshall according to the approved protocol

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Melissa L. Pemberton, 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 BAC Verifier Data Master breath test instrument.

I possess the following qualifications: Bachelors degree in Microbiology and ten years of experience as a forensic toxicologist.

The simulator solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPSIMSOL

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.

11/7/04

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

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

The simulator Solution, Lot Number 02044 was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMSIMSOL

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.

11-7-2004

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, William P. Marshall, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Chemistry and twenty-nine years of analytical laboratory experience including thirteen years of toxicology experience.

The simulator solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Wm P Marshall

William P. Marshall
Forensic Toxicologist

WM/nf
WMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR 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 simulator solutions for the BAC Verifier Data Master 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 two years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The simulator solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

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.

11/8/07

NN/nf
NNSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Ruth Luthi, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Chemistry and twenty-two years of experience in analytical chemistry, and eighteen years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Edward J. Formoso, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Chemistry and twenty-seven years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Mary E. Wilson, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Biology and a minor in Chemistry with two years of experience in Toxicology.

The simulator solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/02/03.

Dated: 12/23/02
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/nf
MEWSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Eugene W. Schwilke, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Biology, Board Certification from the American Board of Forensic Toxicology, and five years of experience in the Washington State Toxicology Laboratory.

The Simulator Solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Eugene W. Schwilke, A.B.F.T.
Forensic Toxicologist

GS/nf
GSSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Jayne E. Thatcher, 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 simulator solutions for the BAC Verifier Data Master breath test instrument.

I possess the following qualifications: BS degree in Cell and Molecular Biology and two years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

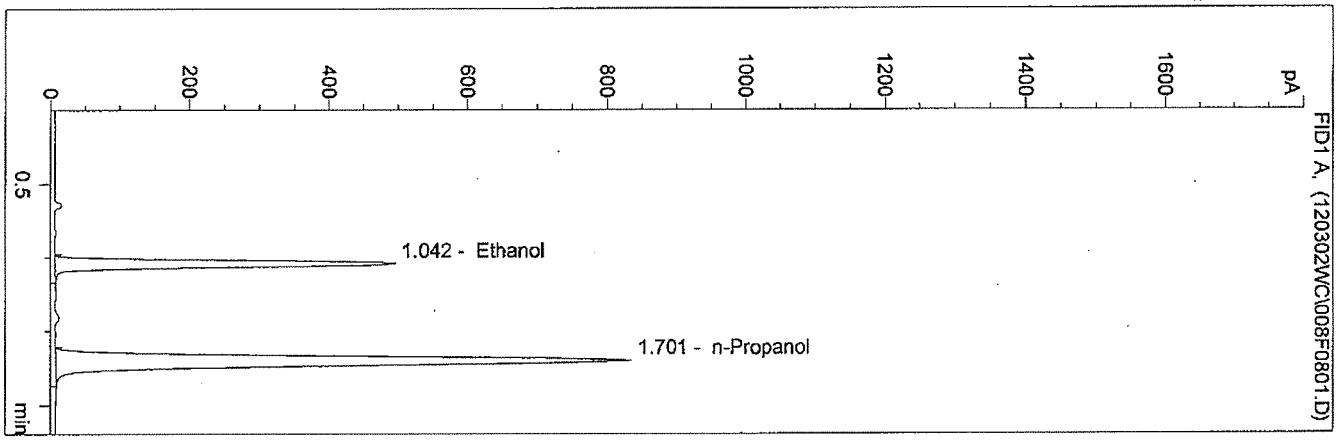
JET/nf
JTSIMSOL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
12/3/02 8:59:29 AM
Instrument 1
DB-ALC1

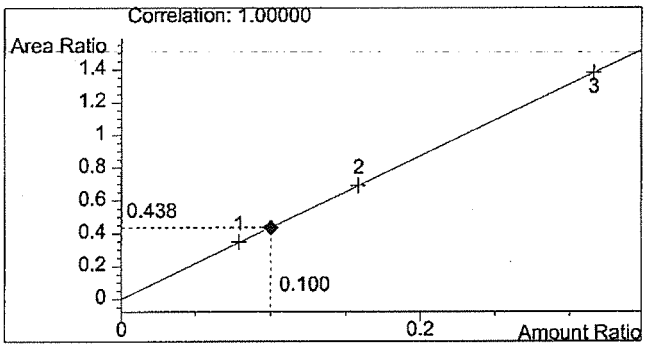
CONTROL 0.10 WM
WP MARSHALL

vial # 8

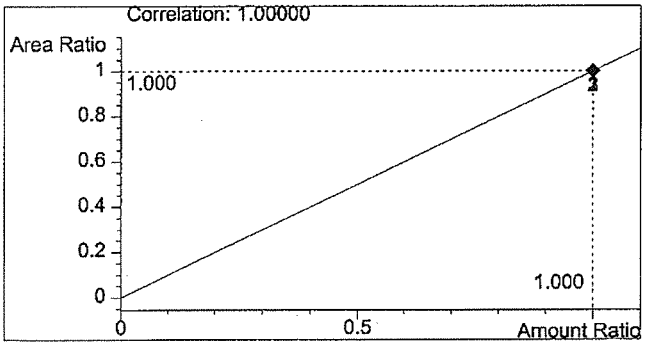


#	Compound	Area	RT
1	Ethanol	1544	1.042
2	n-Propanol	3524	1.701

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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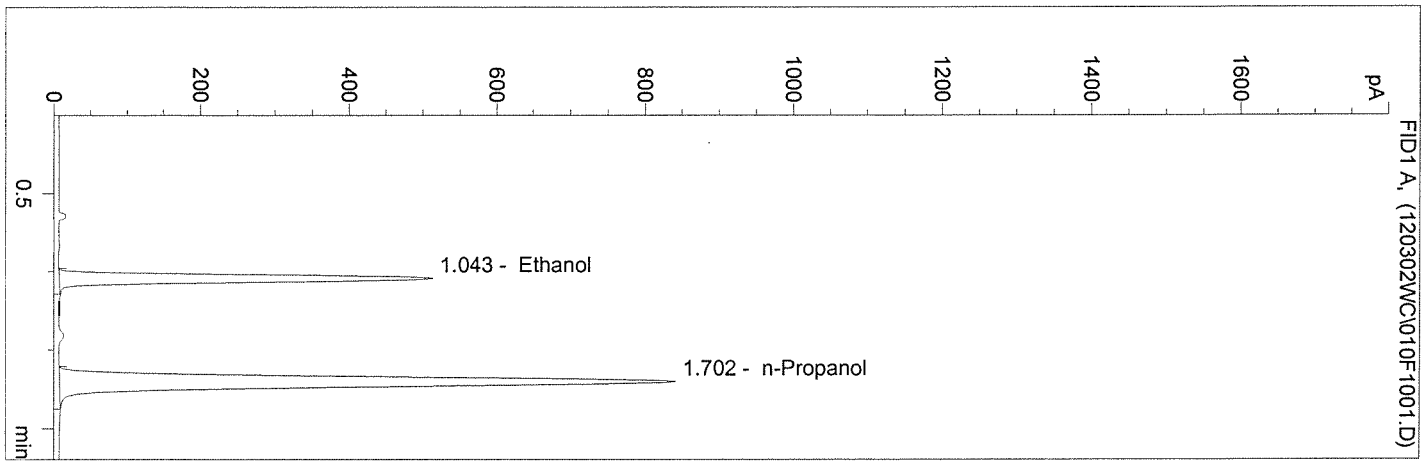
12/3/02 9:05:52 AM
Instrument 1
-ALC1

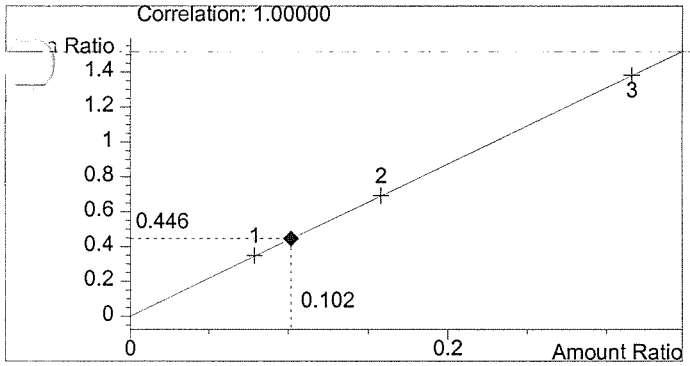
SIM 02044
WP MARSHALL

vial # 10

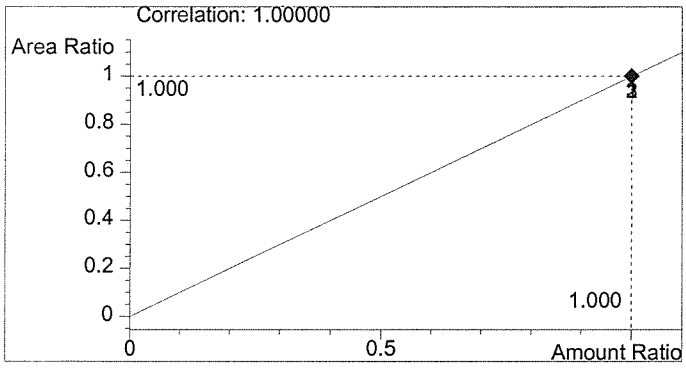


#	Compound	Area	RT
1	Ethanol	1587	1.043
2	n-Propanol	3555	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

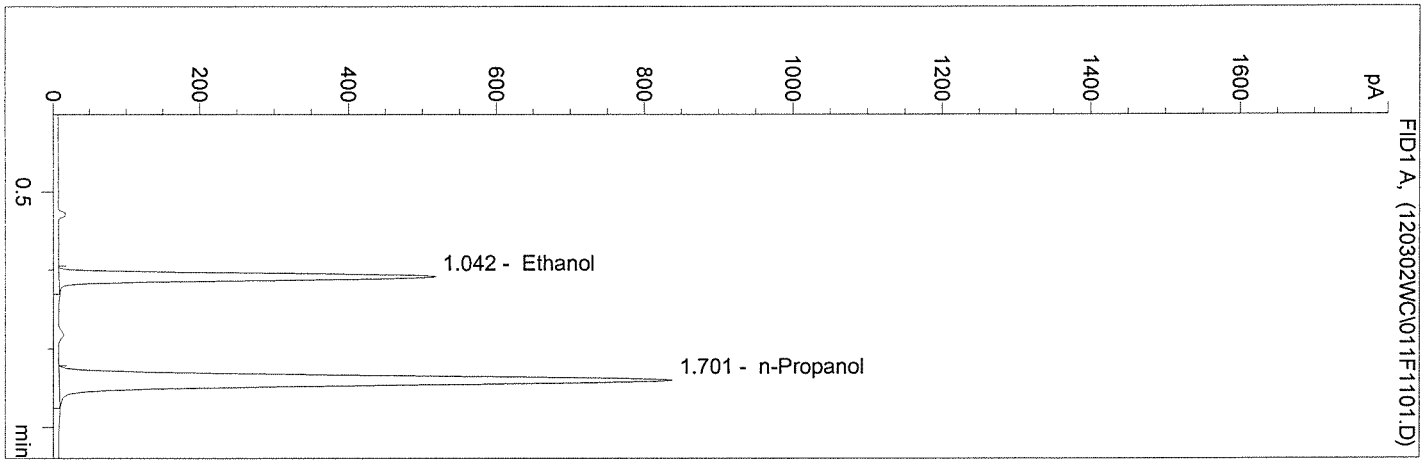
STDS/
QC
027119

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
12/3/02 9:08:54 AM
Instrument 1
-ALC1

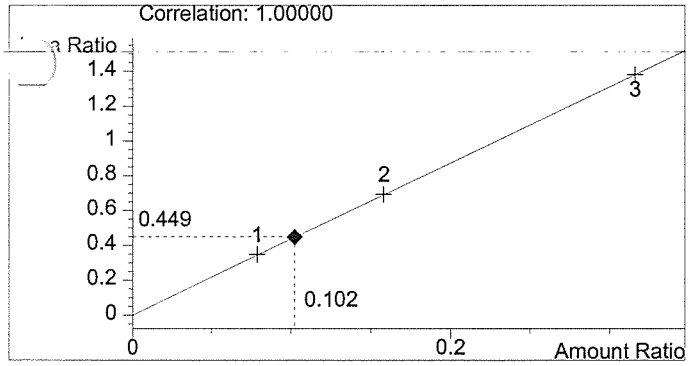
SIM 02044
WP MARSHALL

vial # 11

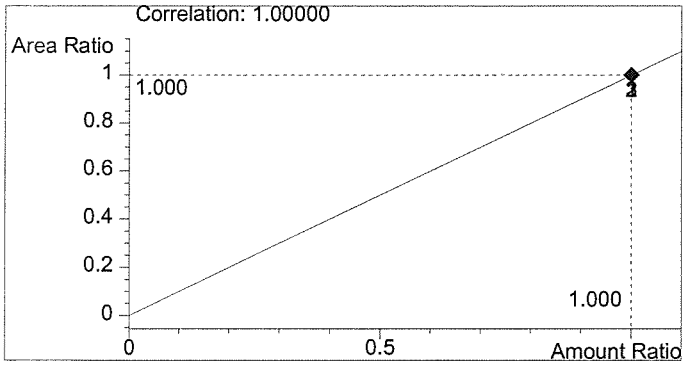


#	Compound	Area	RT
1	Ethanol	1579	1.042
2	n-Propanol	3518	1.701

Totals:



Ethanol 0.102 g/100ml



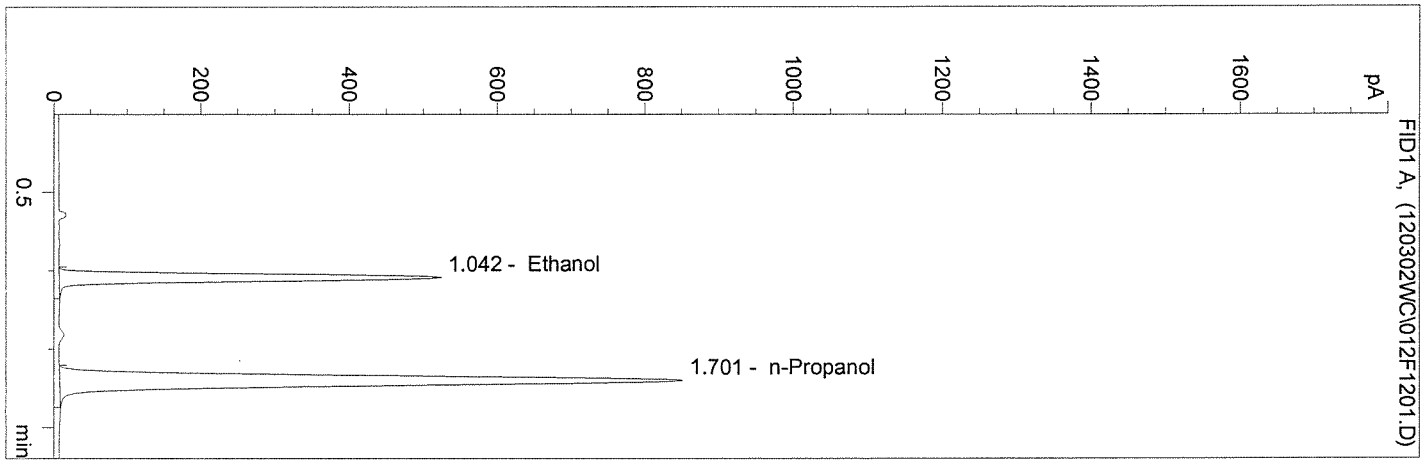
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

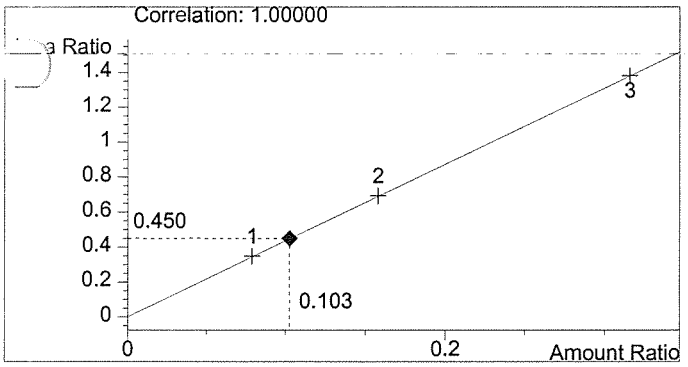
C:\HPCHEM\1\METHODS\BLDALCO.M
12/3/02 9:11:56 AM
Instrument 1
-ALC1

SIM 02044
WP MARSHALL

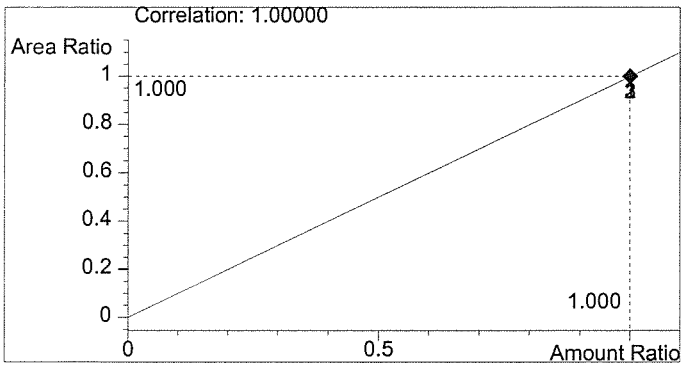
vial # 12



#	Compound	Area	RT
1	Ethanol	1613	1.042
2	n-Propanol	3588	1.701
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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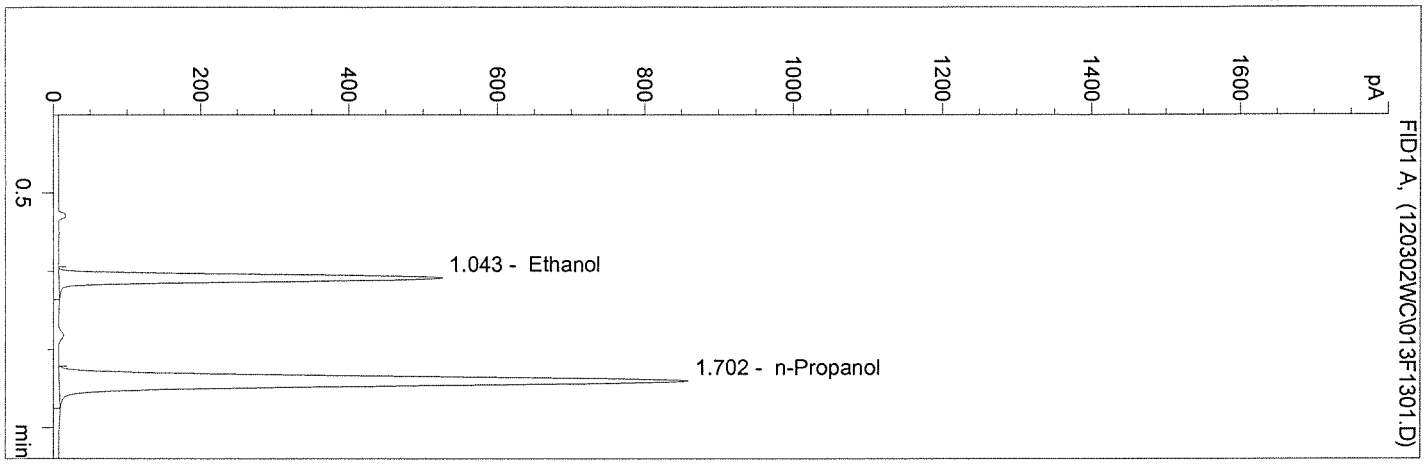
12/3/02 9:15:14 AM
Instrument 1
-ALC1

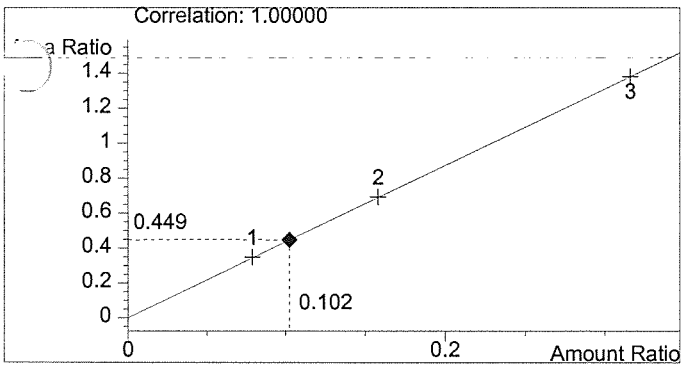
SIM 02044
WP MARSHALL

vial # 13

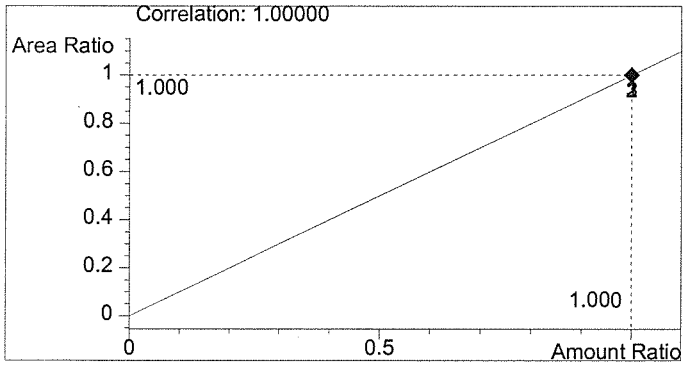


#	Compound	Area	RT
1	Ethanol	1628	1.043
2	n-Propanol	3625	1.702

Totals:



Ethanol 0.102 g/100ml



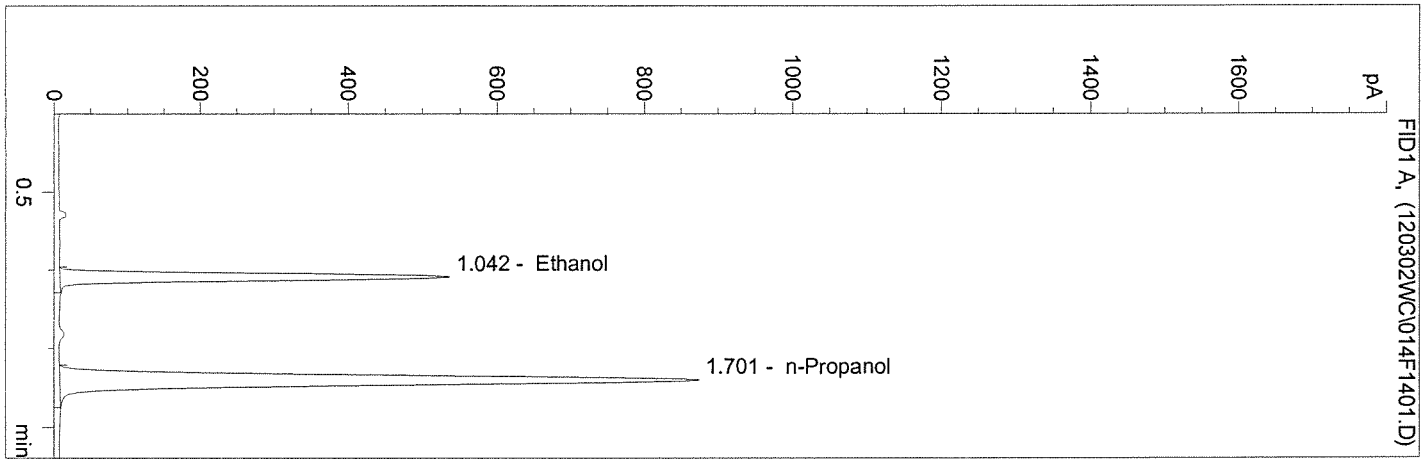
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
12/3/02 9:18:16 AM
Instrument 1
-ALC1

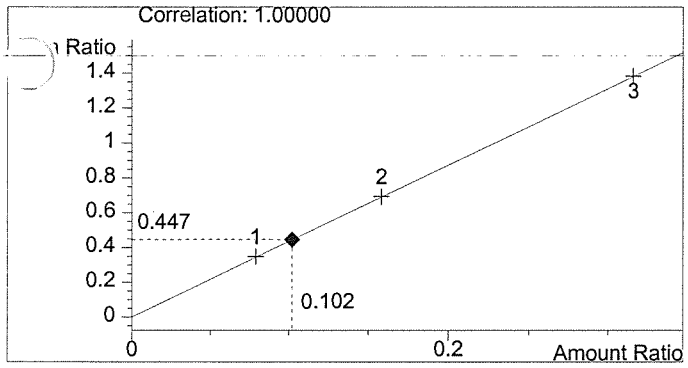
SIM 02044
WP MARSHALL

vial # 14

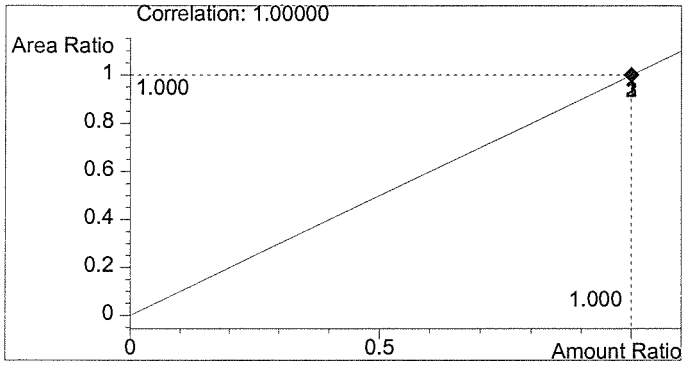


#	Compound	Area	RT
1	Ethanol	1646	1.042
2	n-Propanol	3684	1.701

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	Blank	BLDALCO3	1	Sample		
6	6	0.101 CAP	BLDALCO3	1	Ctrl Samp		
7	7	02044 SIM	BLDALCO3	1	Sample		
8	8	02044 SIM	BLDALCO3	1	Sample		
9	9	02044 SIM	BLDALCO3	1	Sample		
10	10	02044 SIM	BLDALCO3	1	Sample		
11	11	02044 SIM	BLDALCO3	1	Sample		
12	12	CAP 0.101	BLDALCO3	1	Ctrl Samp		
13	13	BLANK	BLDALCO3	1	Sample		
14	13		STANDBY	1	Sample		

Calibration Part:

Line	Vial	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	2	0.079 CAL	BLDALCO3	1	Replace	Replace	
3	3	0.158 CAL	BLDALCO3	2	Replace	Average	
4	4	0.316 CAL	BLDALCO3	3	Replace	Average	

Sequence Table (Back Injector):

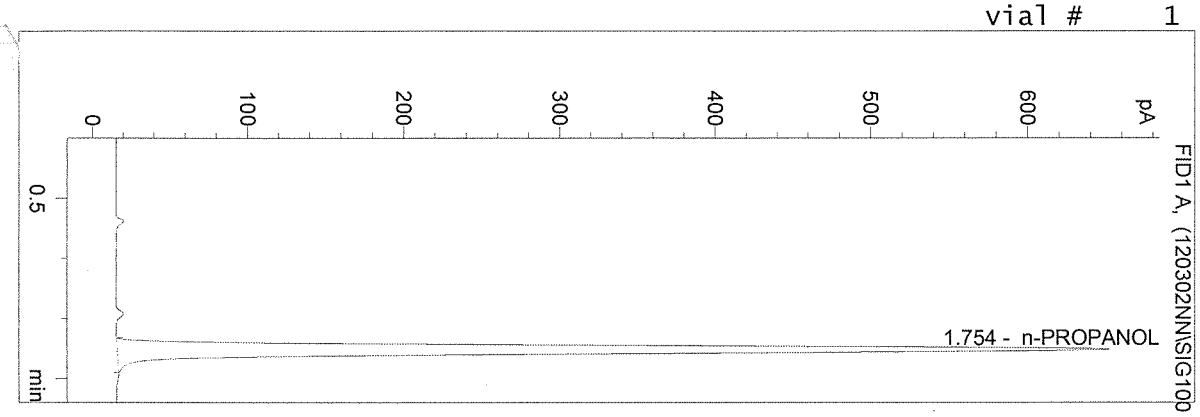
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/3/02 12:03:35 PM
Instrument 3
DB-ALC1

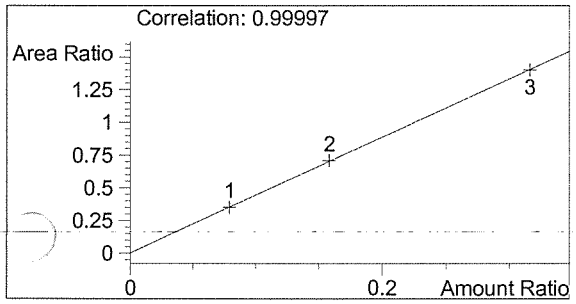
BLANK
Naziha Nuwayhid, PhD

vial # 1

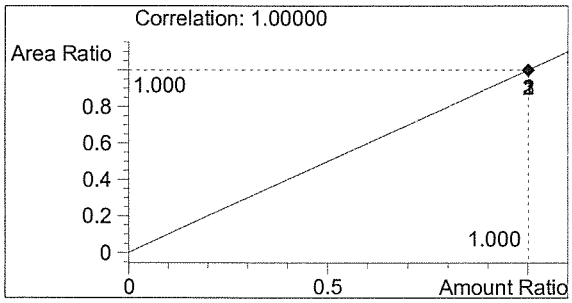


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2894	1.754

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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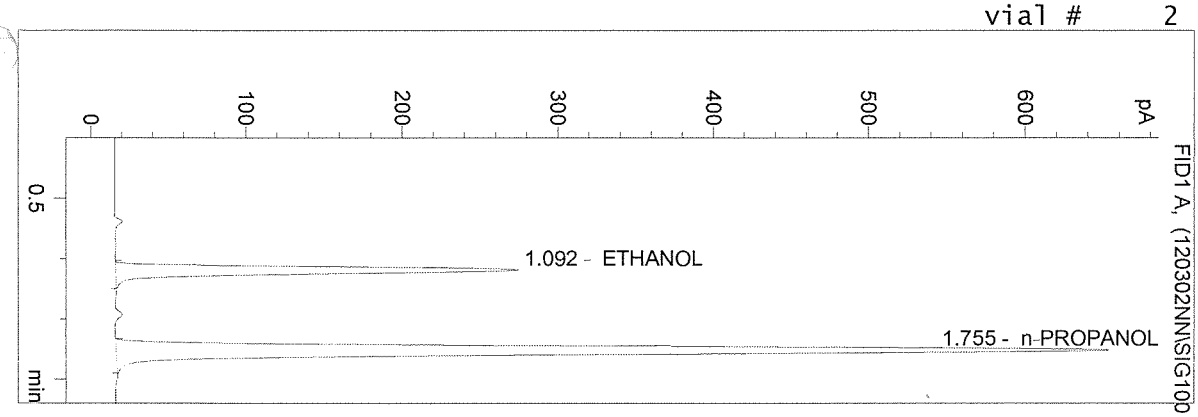
Instrument 3
DB-ALC1

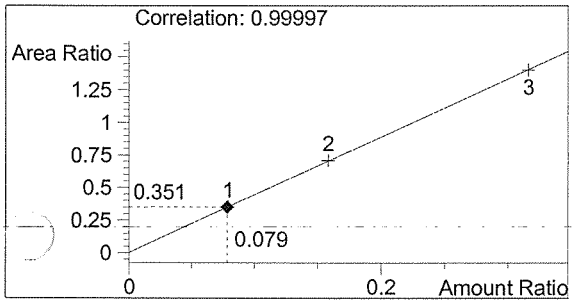
0.079 CAL
Naziha Nuwayhid, PhD

vial # 2

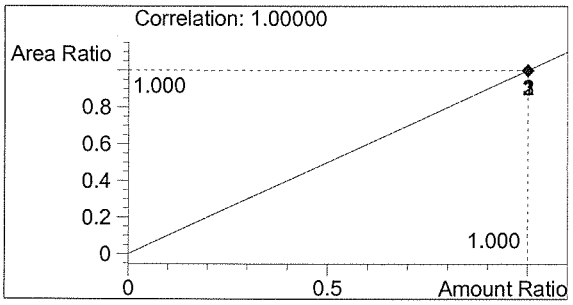


#	Compound	Area	RT
1	ETHANOL	1023	1.092
2	n-PROPANOL	2917	1.755

Totals:



ETHANOL 0.079 g/100mL



n-PROPANOL 1.000 g/100mL

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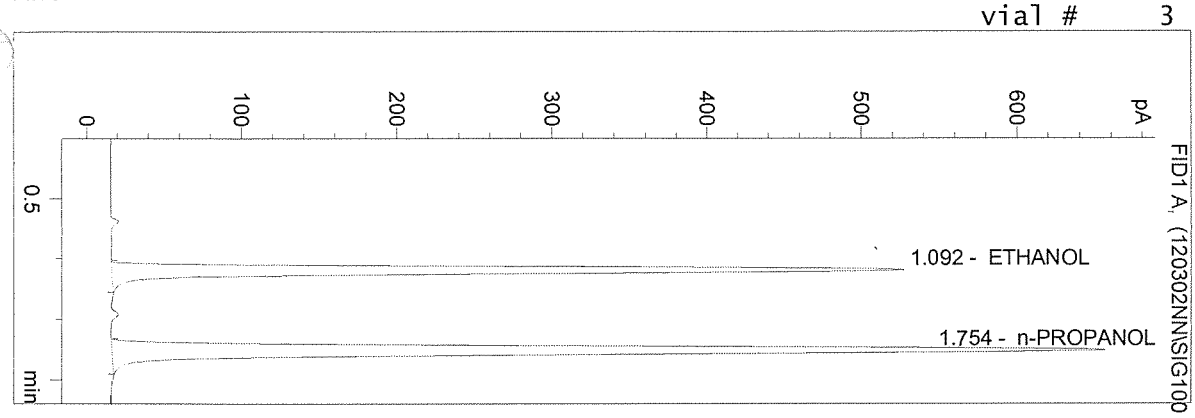
Instrument 3
DB-ALC1

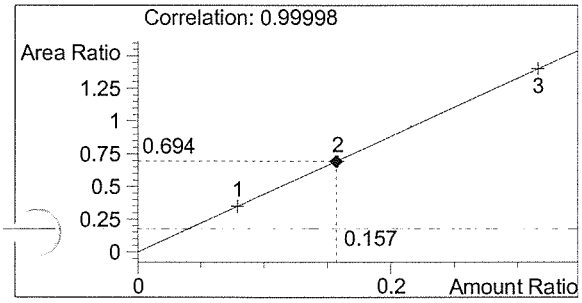
0.158 CAL
Naziha Nuwayhid, PhD

vial # 3

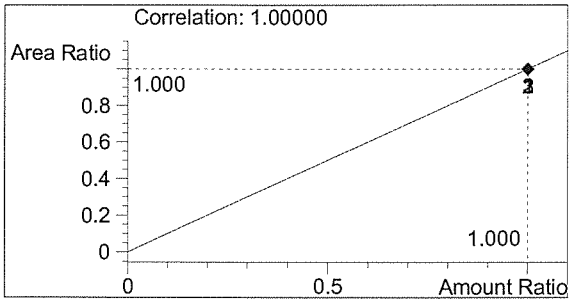


#	Compound	Area	RT
1	ETHANOL	2021	1.092
2	n-PROPANOL	2911	1.754

Totals:



ETHANOL 0.157 g/100mL



n-PROPANOL 1.000 g/100mL

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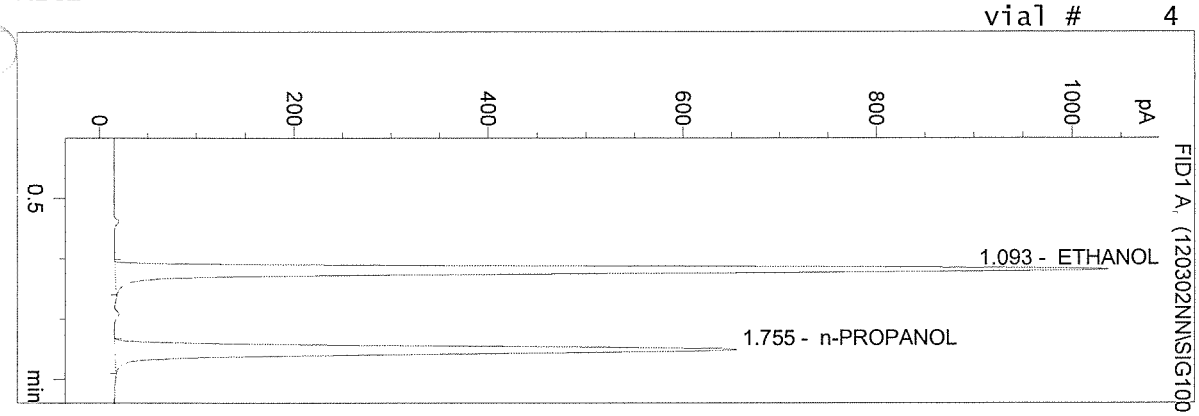
Instrument 3
DB-ALC1

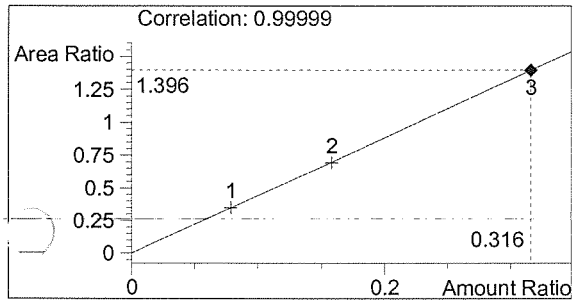
0.316 CAL
Naziha Nuwayhid, PhD

vial # 4

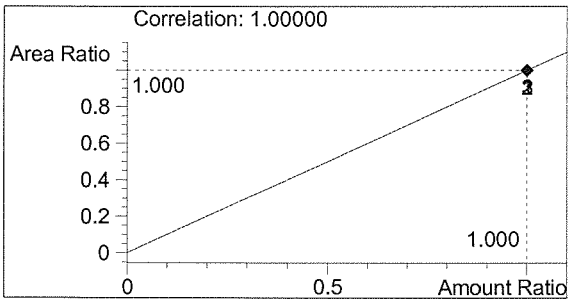


#	Compound	Area	RT
1	ETHANOL	4084	1.093
2	n-PROPANOL	2926	1.755

Totals:



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
DB-ALC1

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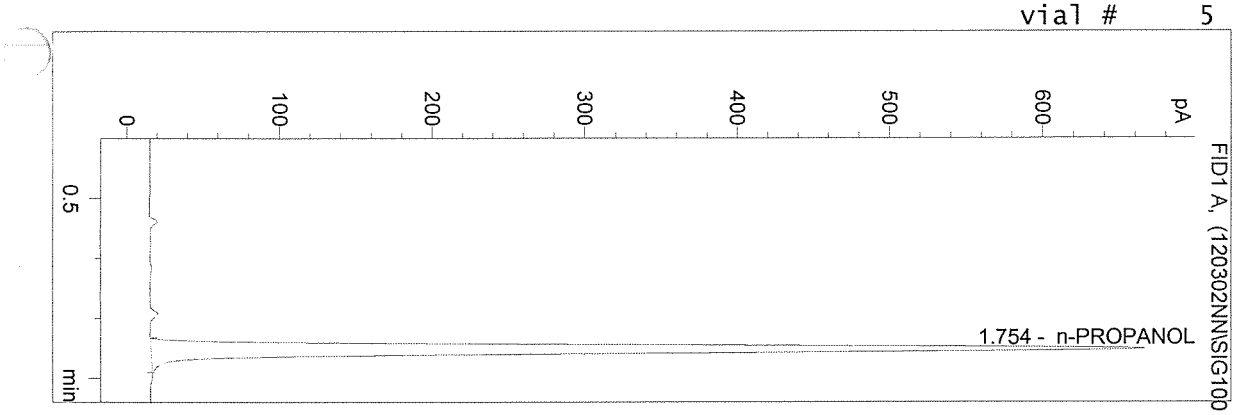
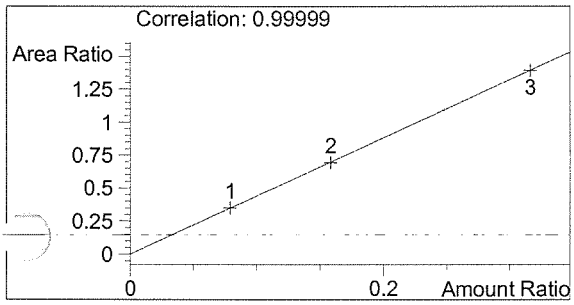
Naziha Nuwayhid, PhD

vial # 5

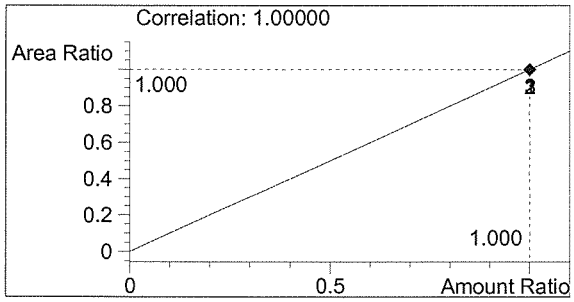


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2982	1.754

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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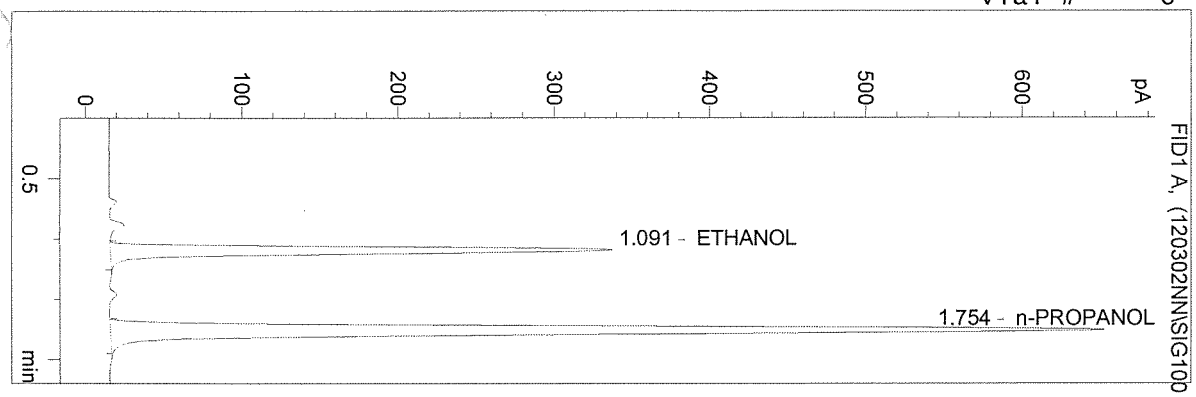
Instrument 3
DB-ALC1

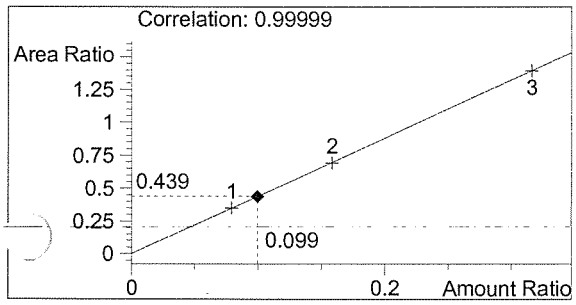
0.101 CAP
Naziha Nuwayhid, PhD

vial # 6

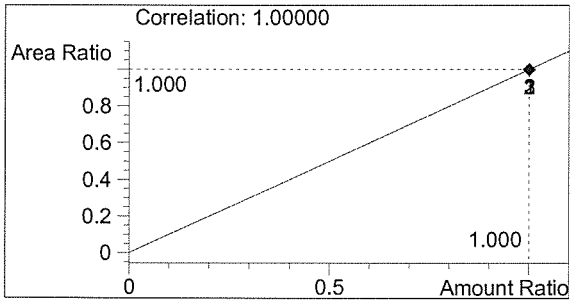


#	Compound	Area	RT
1	ETHANOL	1274	1.091
2	n-PROPANOL	2904	1.754

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

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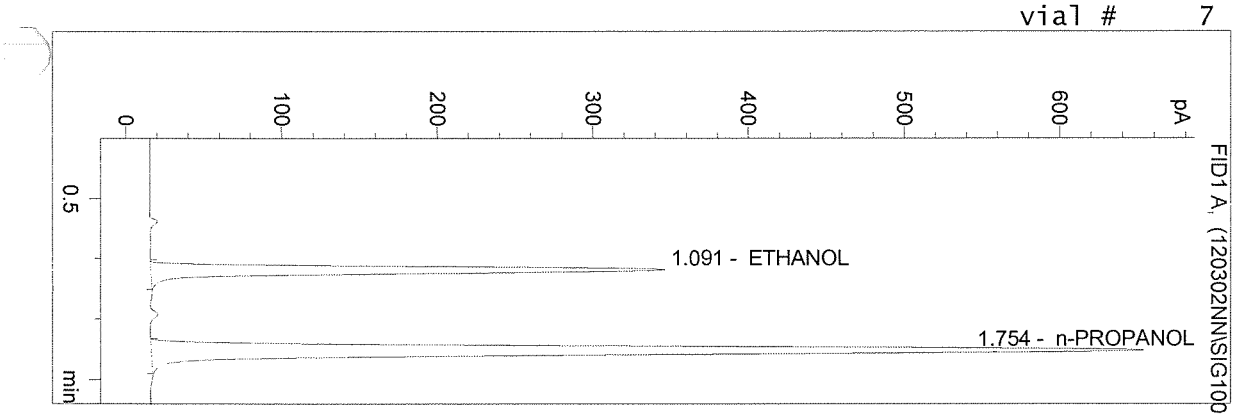
Instrument 3
DB-ALC1

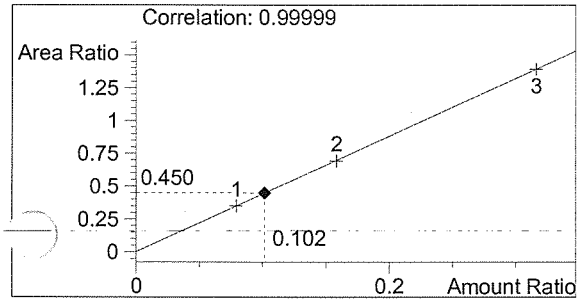
02044 SIM
Naziha Nuwayhid, PhD

vial # 7

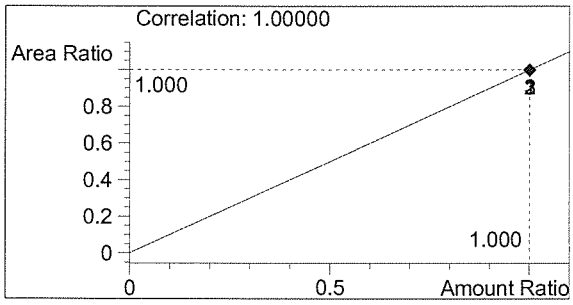


#	Compound	Area	RT
1	ETHANOL	1311	1.091
2	n-PROPANOL	2914	1.754

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
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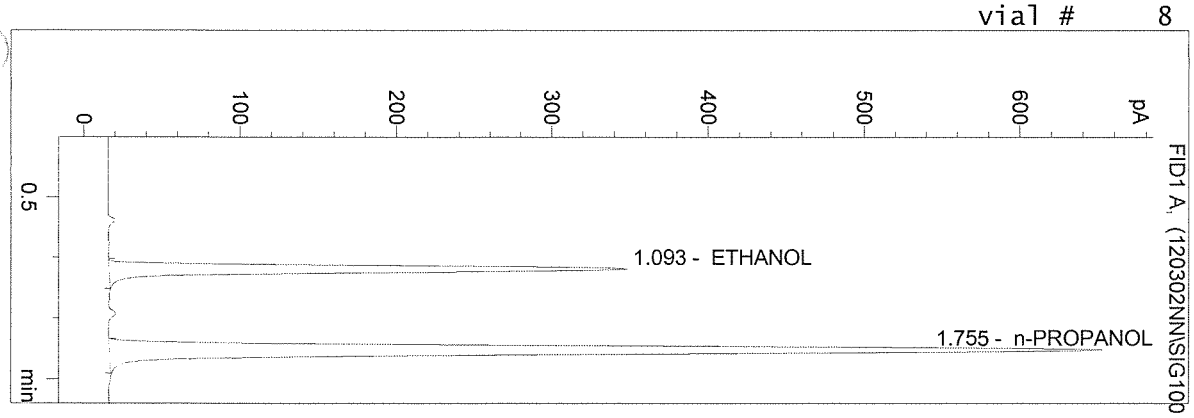
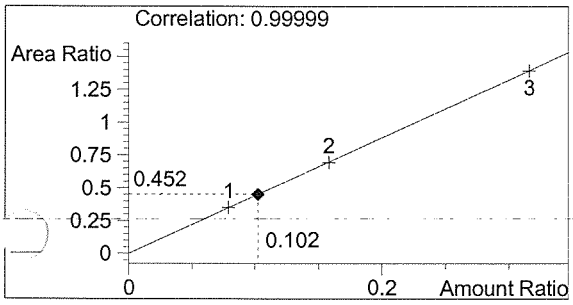
02044 SIM
Naziha Nuwayhid, PhD

vial # 8

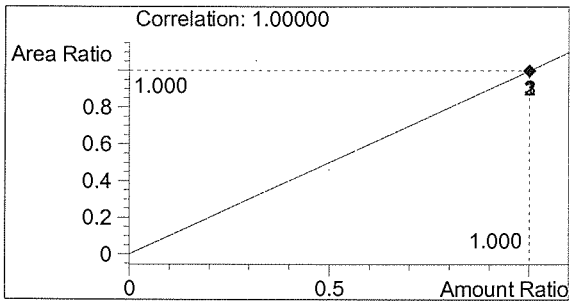


#	Compound	Area	RT
1	ETHANOL	1307	1.093
2	n-PROPANOL	2890	1.755

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

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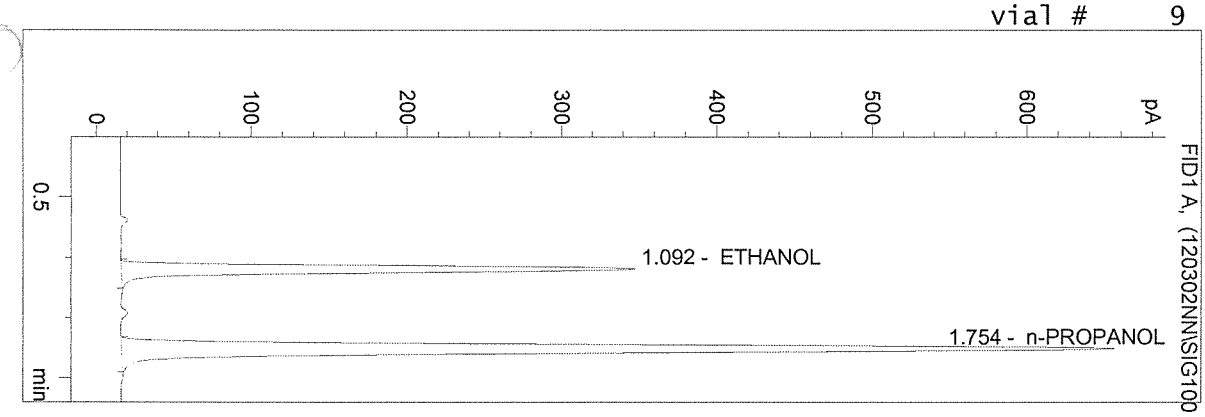
Instrument 3
DB-ALC1

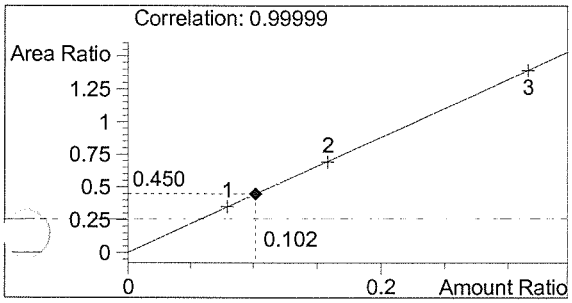
02044 SIM
Naziha Nuwayhid, PhD

vial # 9

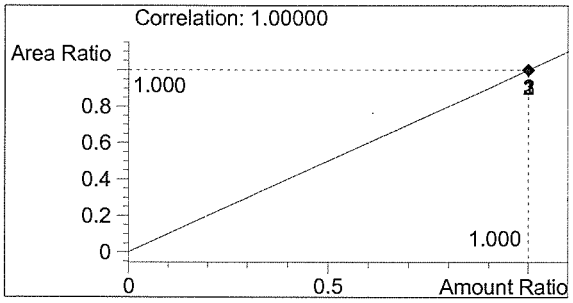


#	Compound	Area	RT
1	ETHANOL	1309	1.092
2	n-PROPANOL	2911	1.754

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

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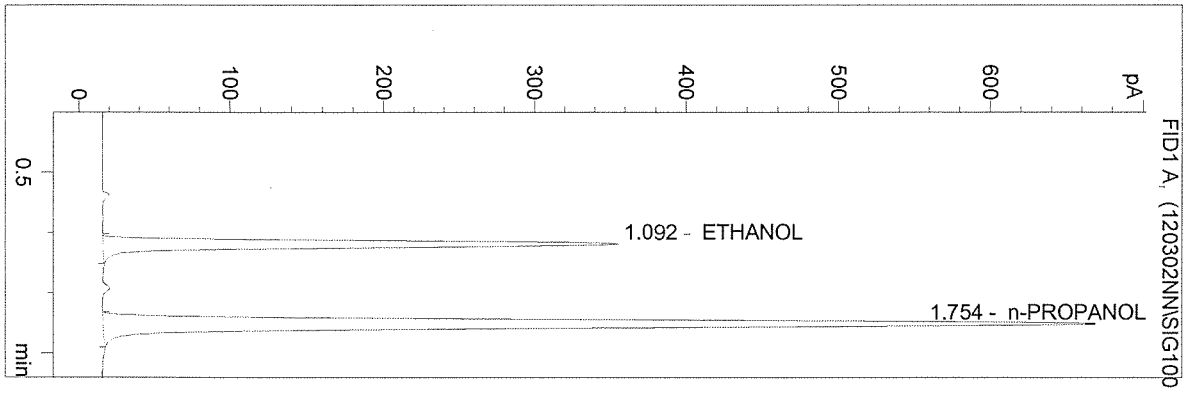
Instrument 3
DB-ALC1

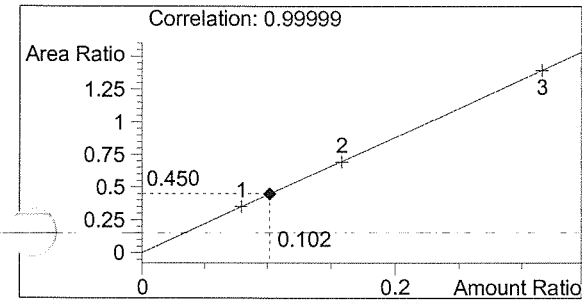
02044 SIM
Naziha Nuwayhid, PhD

vial # 10

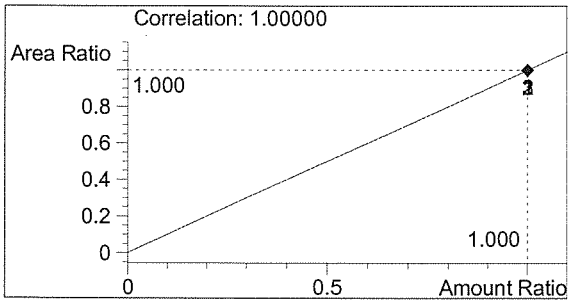


#	Compound	Area	RT
1	ETHANOL	1334	1.092
2	n-PROPANOL	2966	1.754

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

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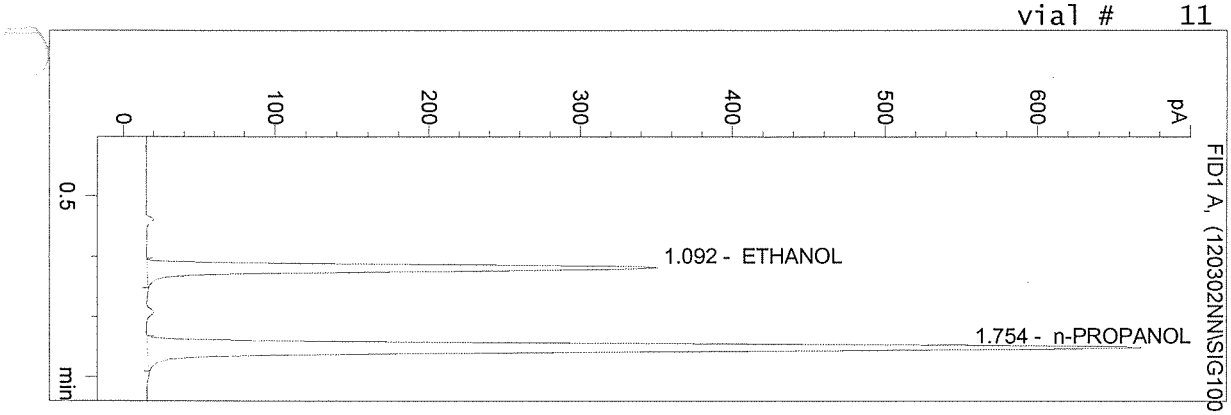
Instrument 3
DB-ALC1

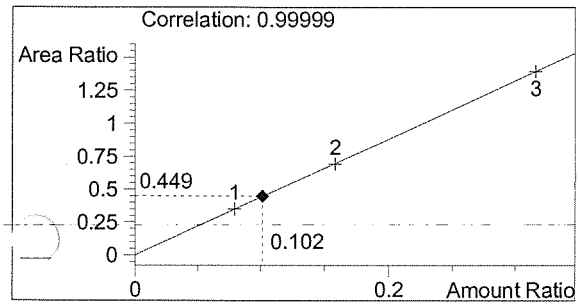
02044 SIM
Naziha Nuwayhid, PhD

vial # 11

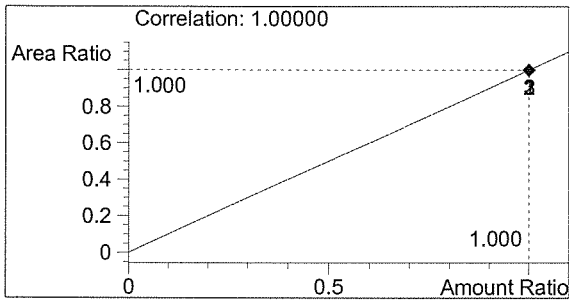


#	Compound	Area	RT
1	ETHANOL	1341	1.092
2	n-PROPANOL	2988	1.754

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

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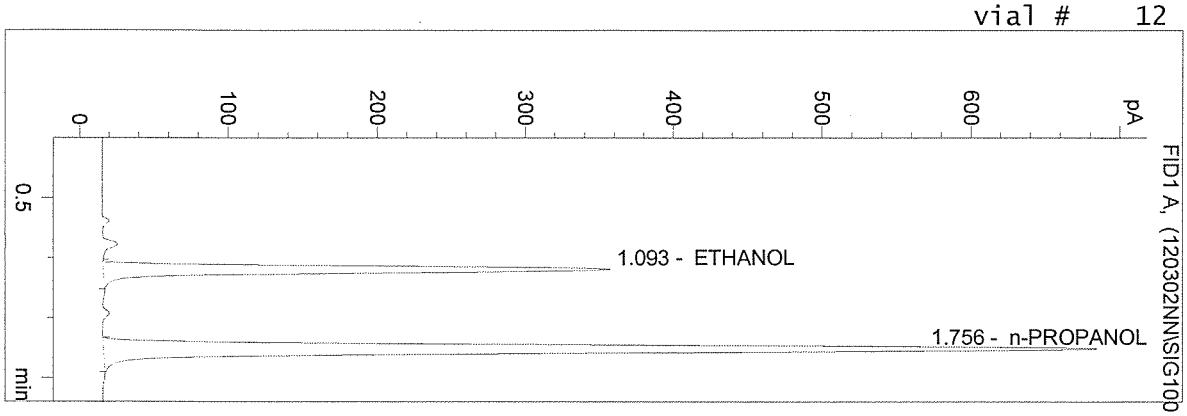
Instrument 3
DB-ALC1

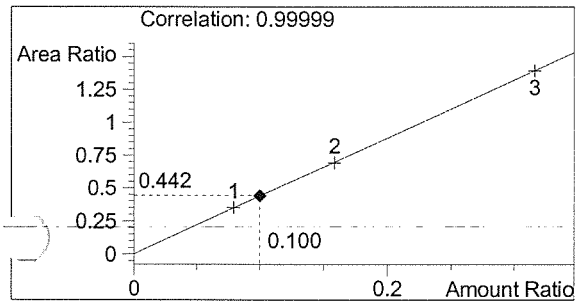
CAP 0.101
Naziha Nuwayhid, PhD

vial # 12

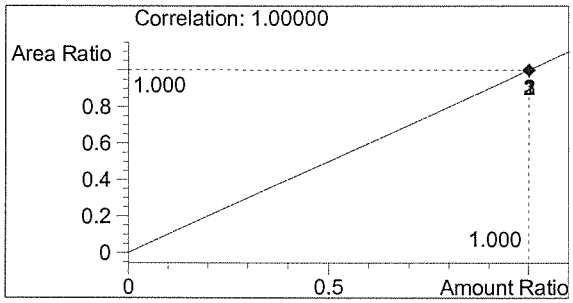


#	Compound	Area	RT
1	ETHANOL	1342	1.093
2	n-PROPANOL	3036	1.756

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
DB-ALC1

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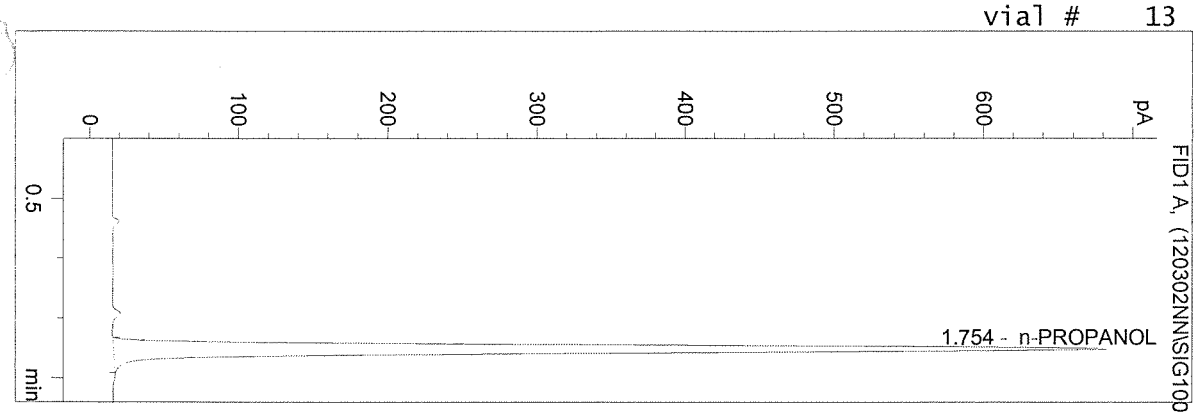
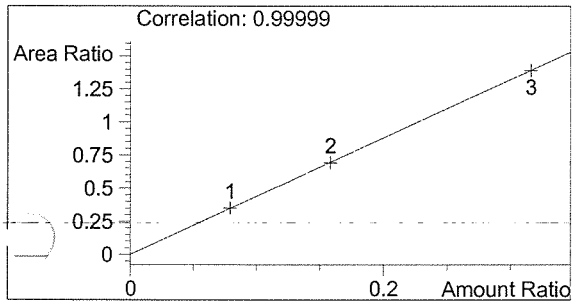
Naziha Nuwayhid, PhD

vial # 13

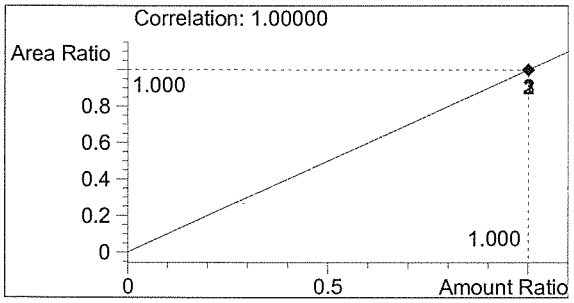


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3017	1.754

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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DB-ALC1

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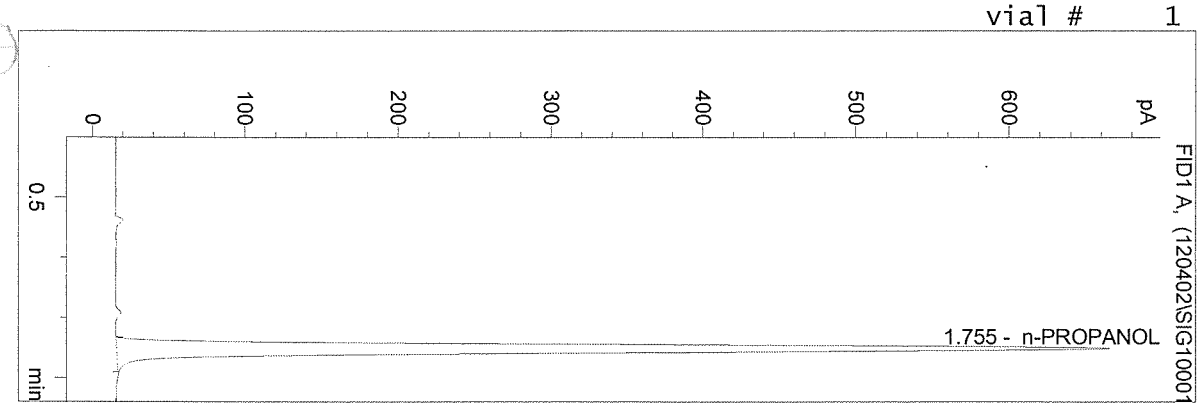
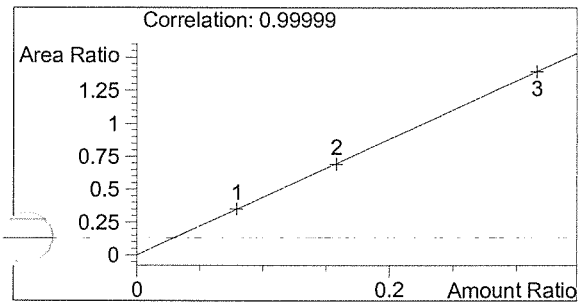
RUTH LUTHI

vial # 1

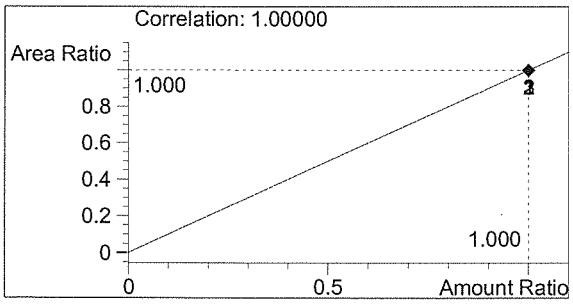


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2942	1.755

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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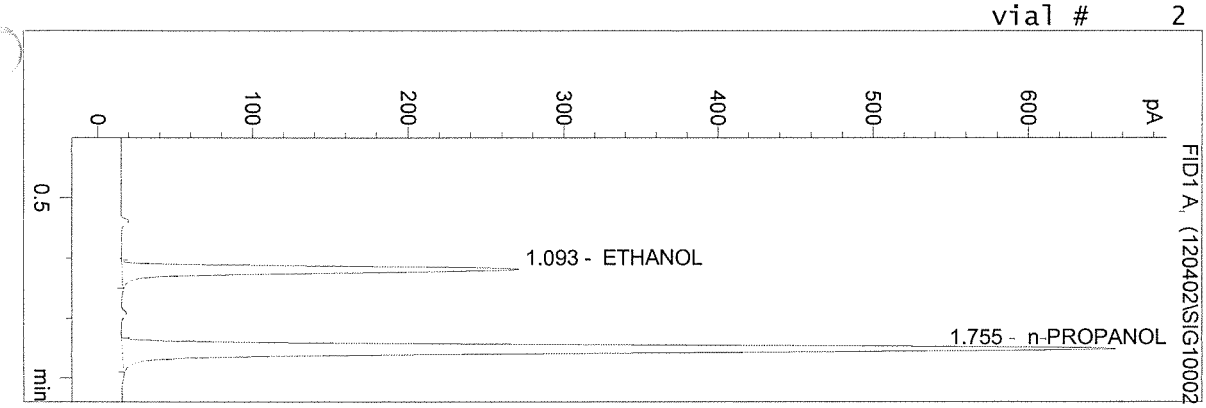
Instrument 3
DB-ALC1

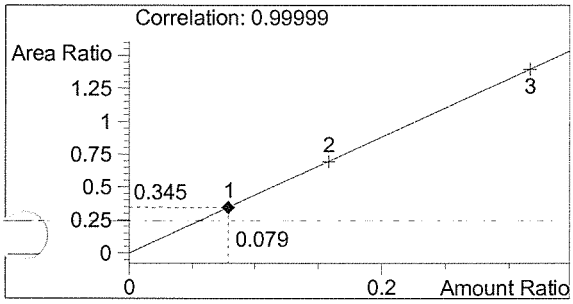
0.079 CALIBRATOR
RUTH LUTHI

vial # 2

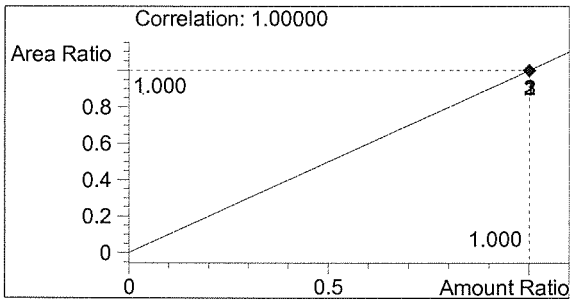


#	Compound	Area	RT
1	ETHANOL	1003	1.093
2	n-PROPANOL	2909	1.755

Totals:



ETHANOL 0.079 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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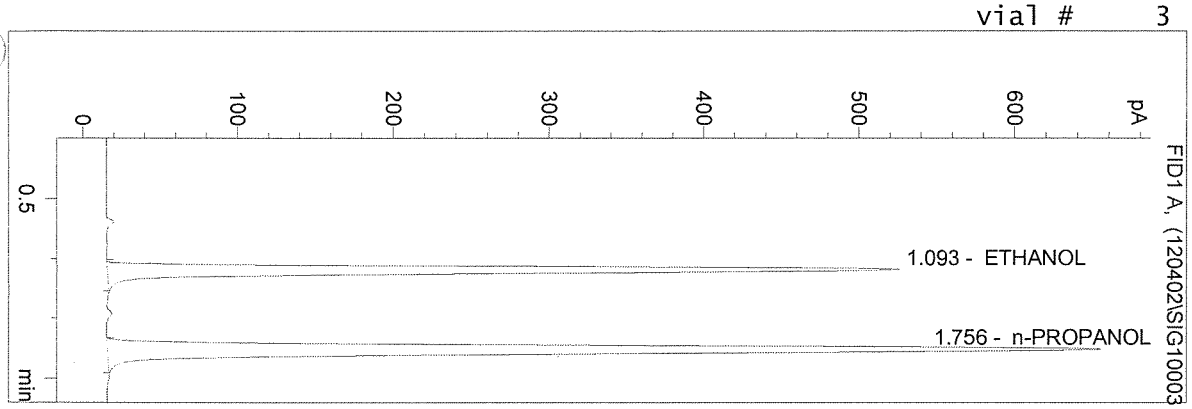
Instrument 3
DB-ALC1

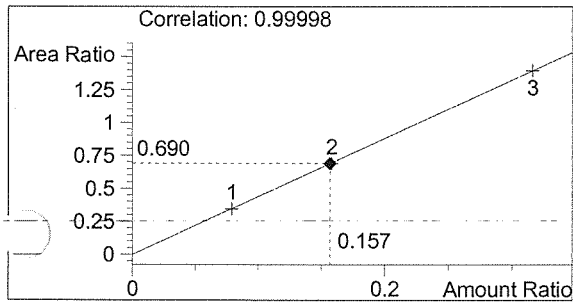
0.158 CALIBRATOR
RUTH LUTHI

vial # 3

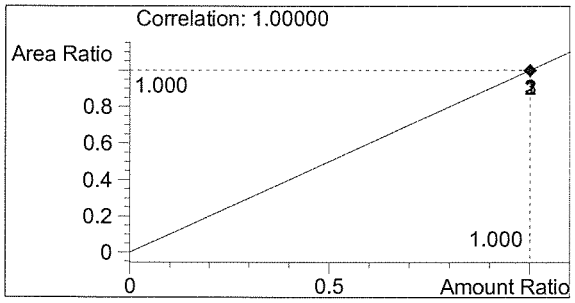


#	Compound	Area	RT
1	ETHANOL	2005	1.093
2	n-PROPANOL	2907	1.756

Totals:



ETHANOL 0.157 g/100mL

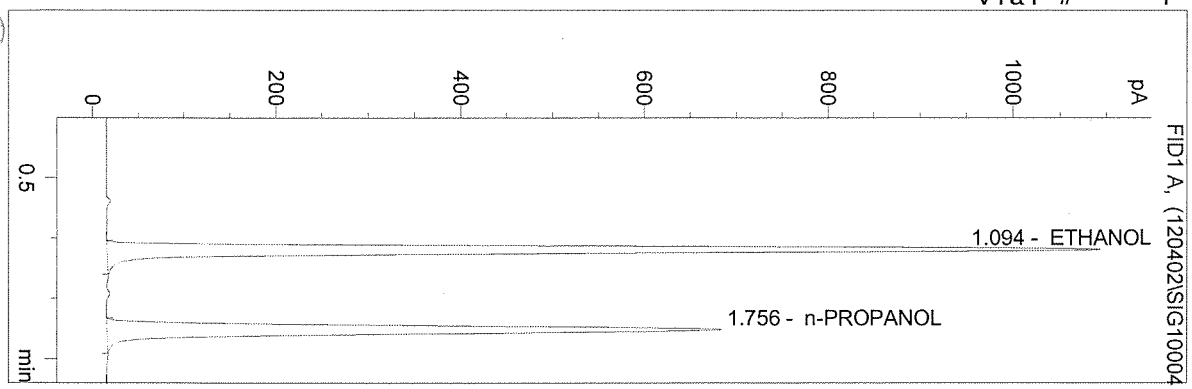


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 7:41:51 AM
Instrument 3
DB-ALC1

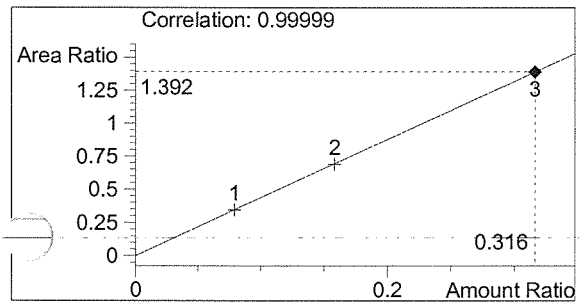
0.316 CALIBRATOR
RUTH LUTHI

vial # 4

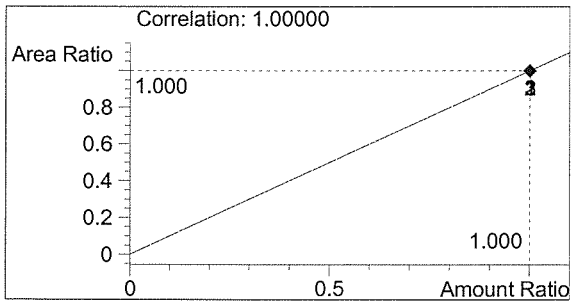


#	Compound	Area	RT
1	ETHANOL	4218	1.094
2	n-PROPANOL	3031	1.756

Totals:



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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12/4/02 7:45:14 AM
Instrument 3
DB-ALC1

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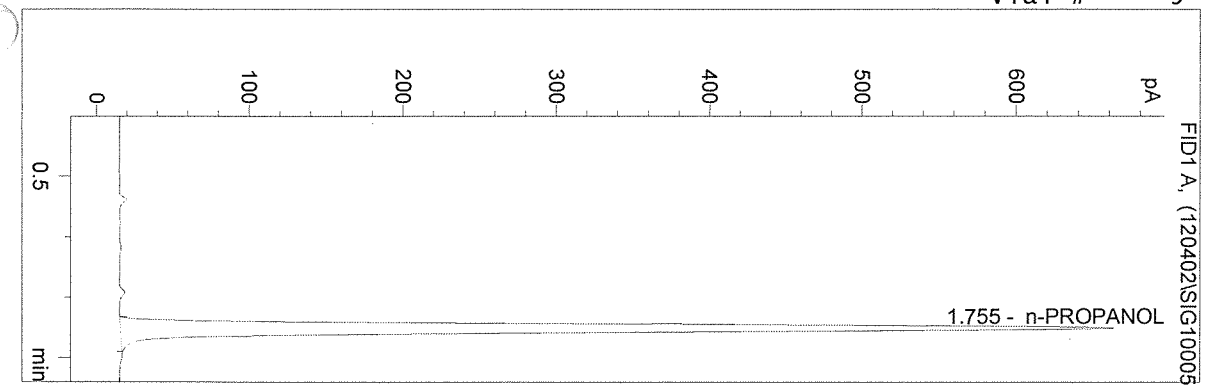
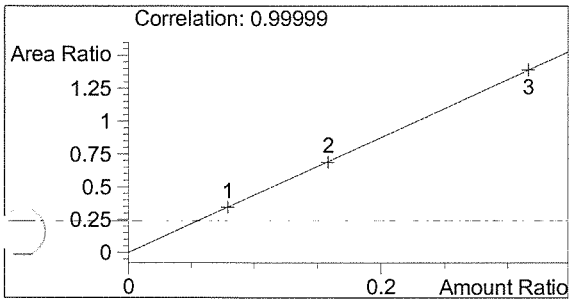
RUTH LUTHI

vial # 5

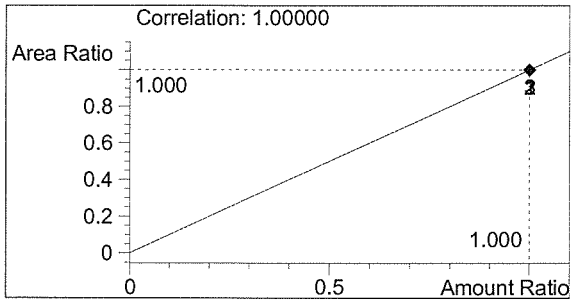


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2939	1.755

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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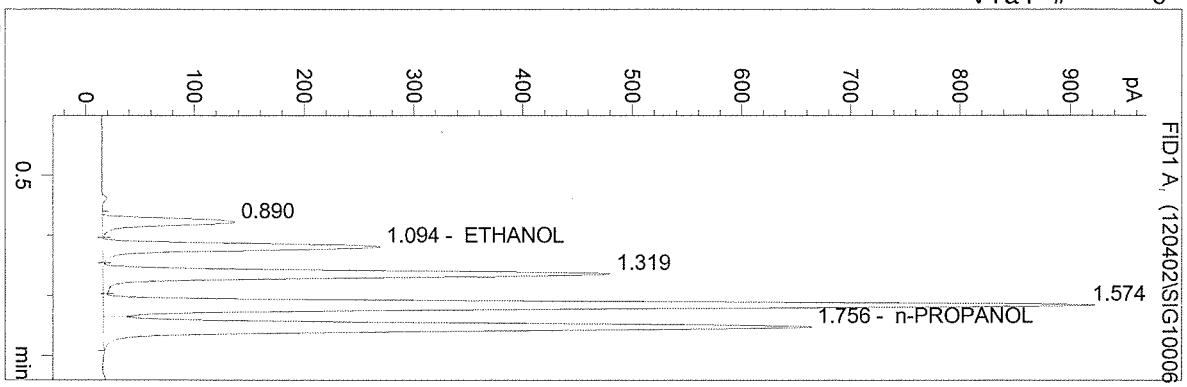
12/4/02 7:48:37 AM
Instrument 3
DB-ALC1

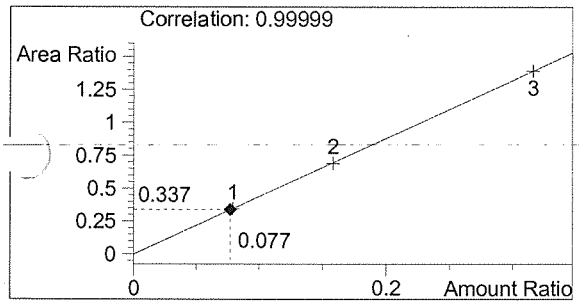
0.079MIX
RUTH LUTHI

vial # 6

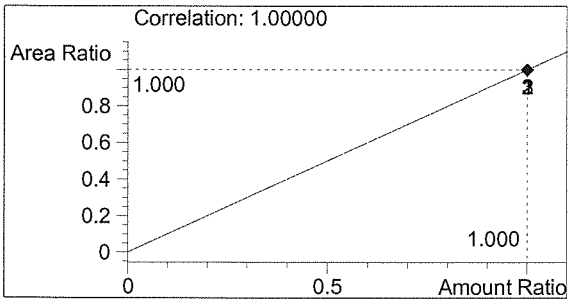


#	Compound	Area	RT
1		488	0.890
2	ETHANOL	1001	1.094
3		1915	1.319
4		3731	1.574
5	n-PROPANOL	2968	1.756

Totals:



ETHANOL 0.077 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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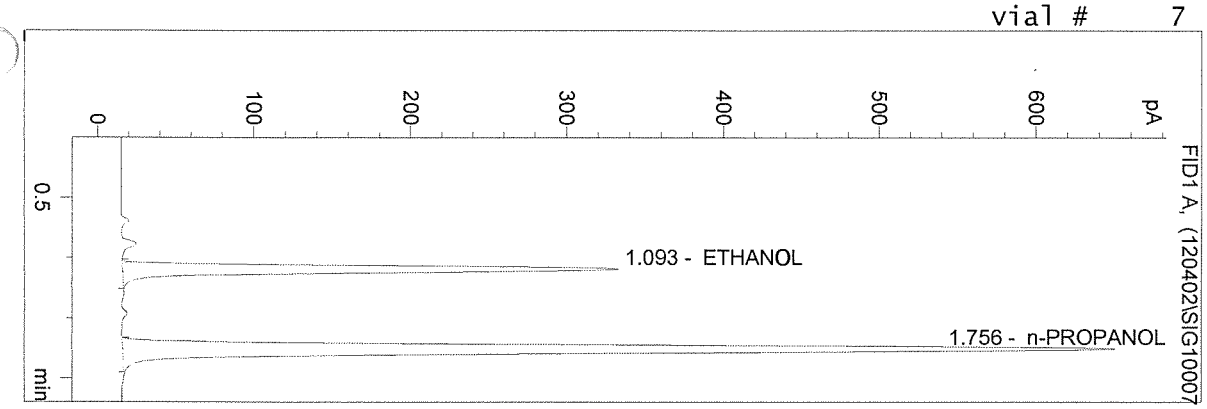
12/4/02 7:52:01 AM
Instrument 3
DB-ALC1

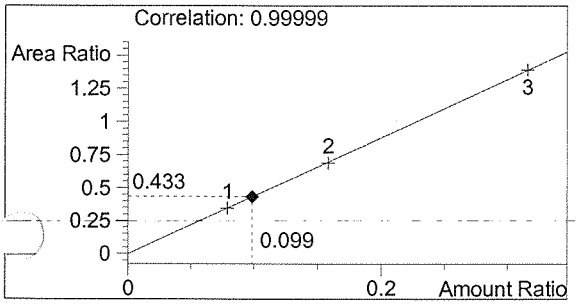
0.100 CTRL
RUTH LUTHI

vial # 7

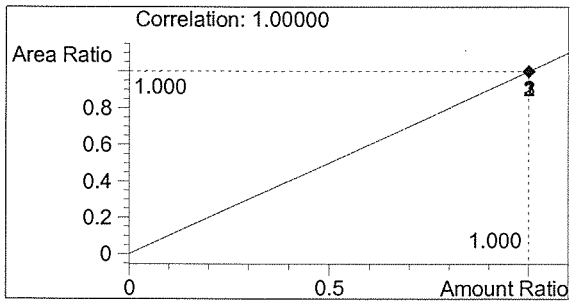


#	Compound	Area	RT
1	ETHANOL	1252	1.093
2	n-PROPANOL	2893	1.756

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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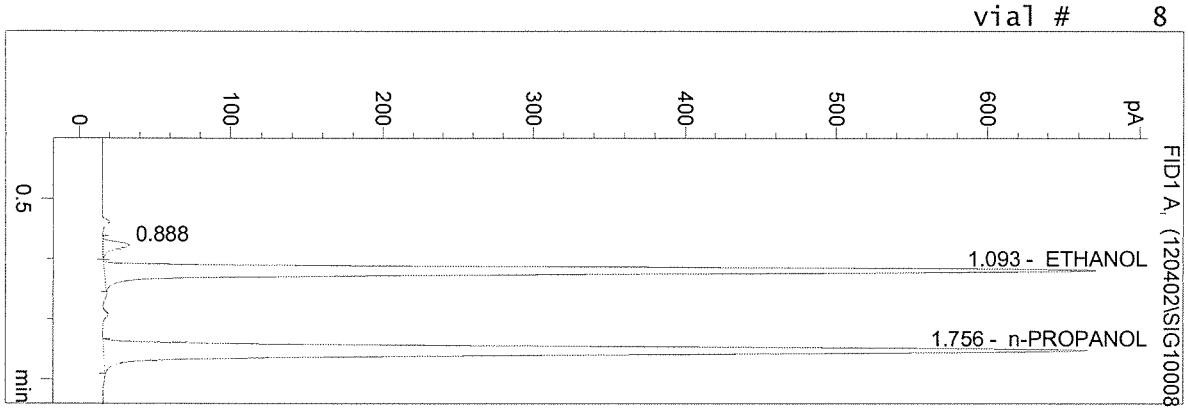
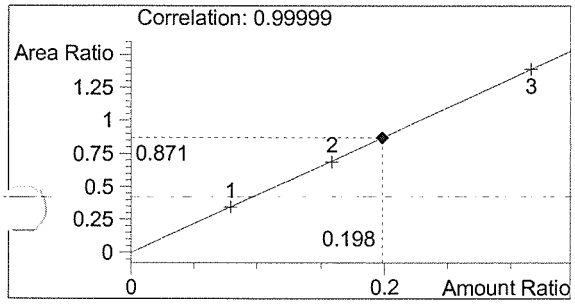
12/4/02 7:55:24 AM
Instrument 3
DB-ALC1

0.200 CTRL
RUTH LUTHI

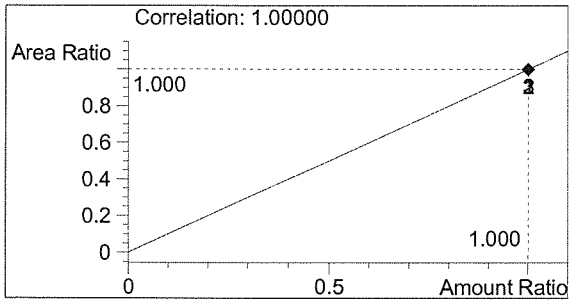
vial # 8



#	Compound	Area	RT
1		72	0.888
2	ETHANOL	2587	1.093
3	n-PROPANOL	2971	1.756
Totals:			



ETHANOL 0.198 g/100mL



n-PROPANOL 1.000 g/100mL

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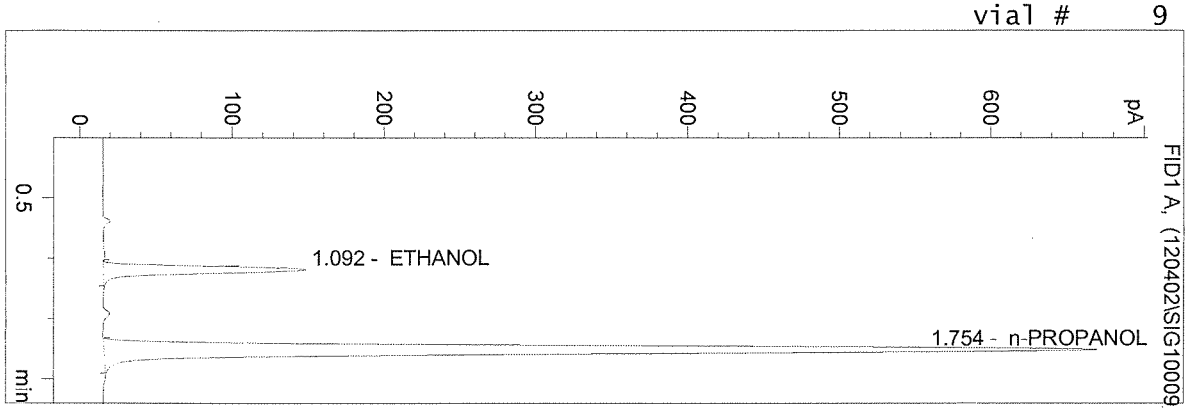
Instrument 3
DB-ALC1

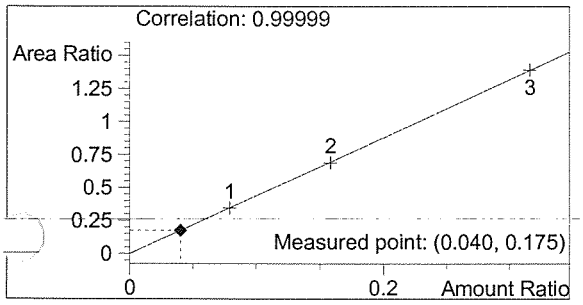
0.040CAP
RUTH LUTHI

vial # 9

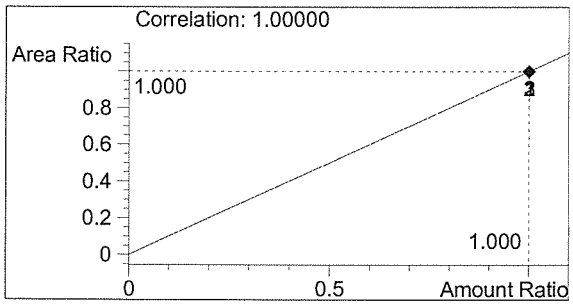


#	Compound	Area	RT
1	ETHANOL	521	1.092
2	n-PROPANOL	2974	1.754

Totals:



ETHANOL 0.040 g/100mL



n-PROPANOL 1.000 g/100mL

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12/4/02 8:02:10 AM
Instrument 3
DB-ALC1

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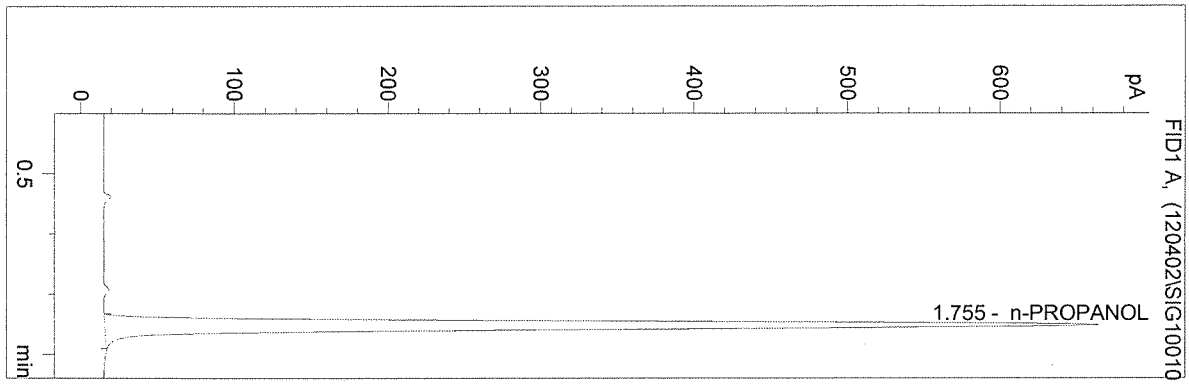
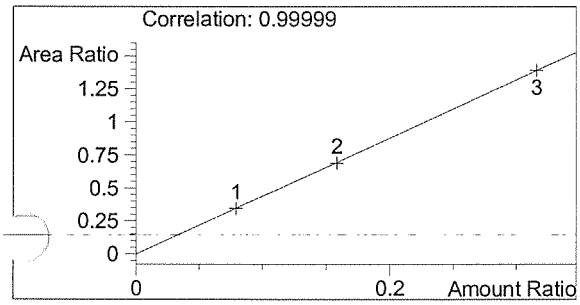
RUTH LUTHI

vial # 10

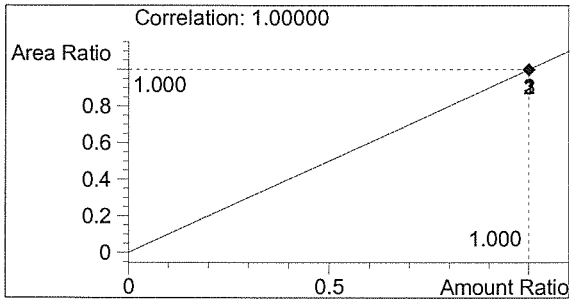


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2947	1.755

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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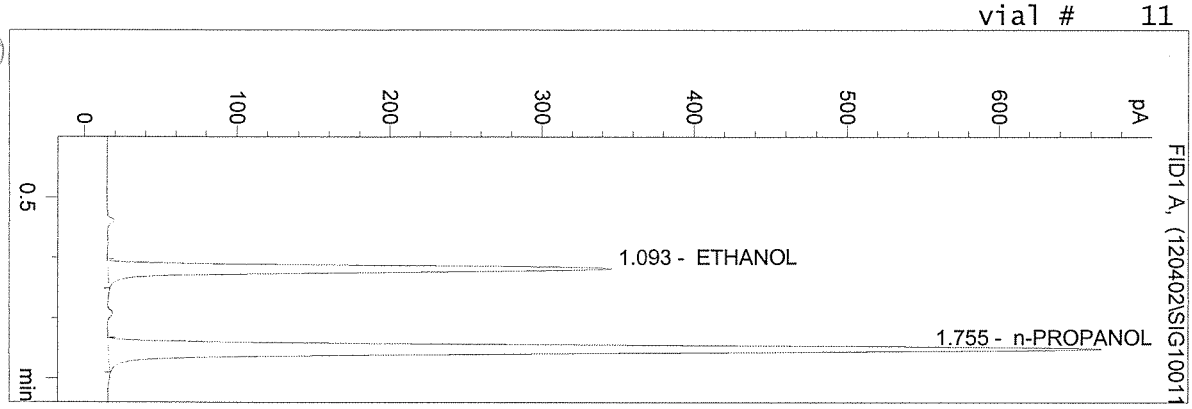
Instrument 3
DB-ALC1

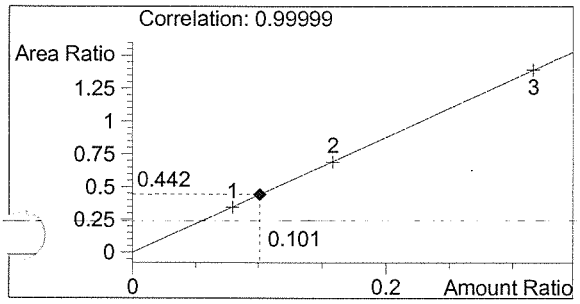
02044 SIM SOL
RUTH LUTHI

vial # 11

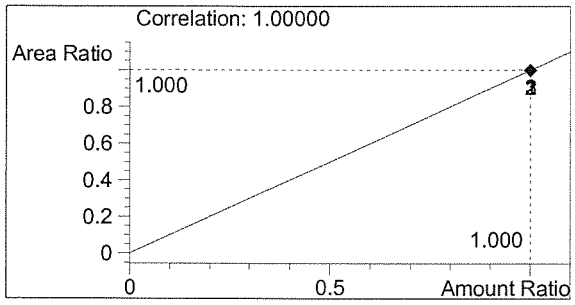


#	Compound	Area	RT
1	ETHANOL	1318	1.093
2	n-PROPANOL	2979	1.755

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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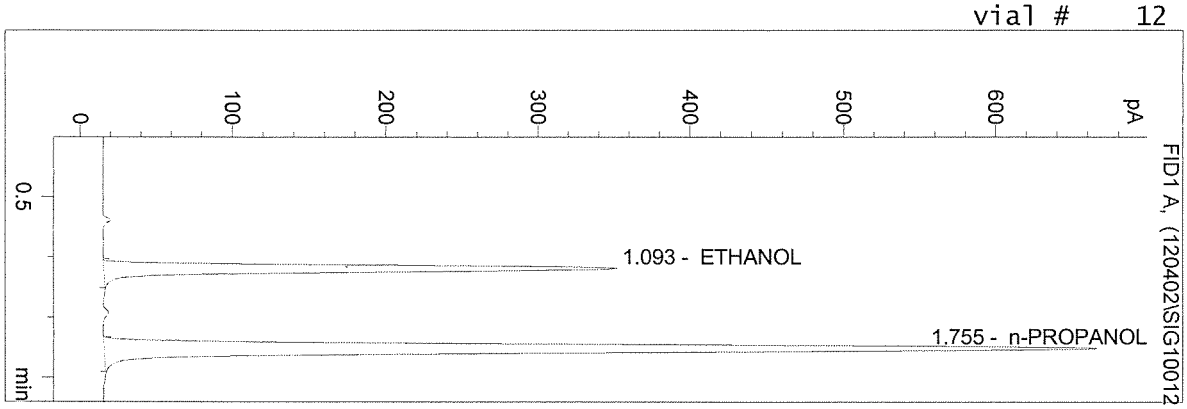
Instrument 3
DB-ALC1

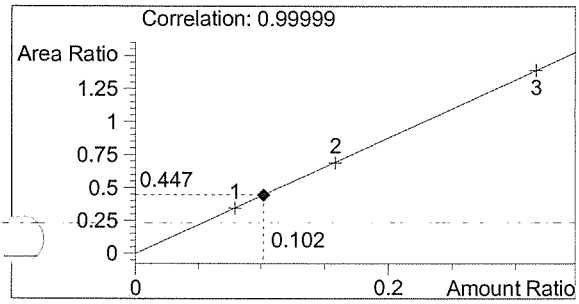
02044 SIM SOL
RUTH LUTHI

vial # 12

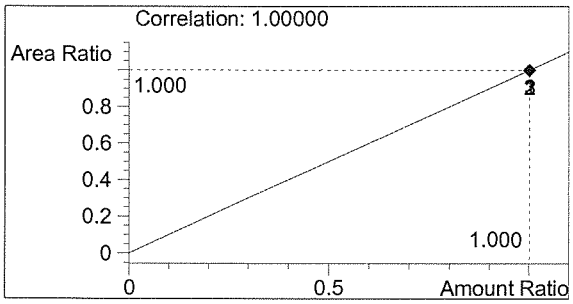


#	Compound	Area	RT
1	ETHANOL	1321	1.093
2	n-PROPANOL	2958	1.755

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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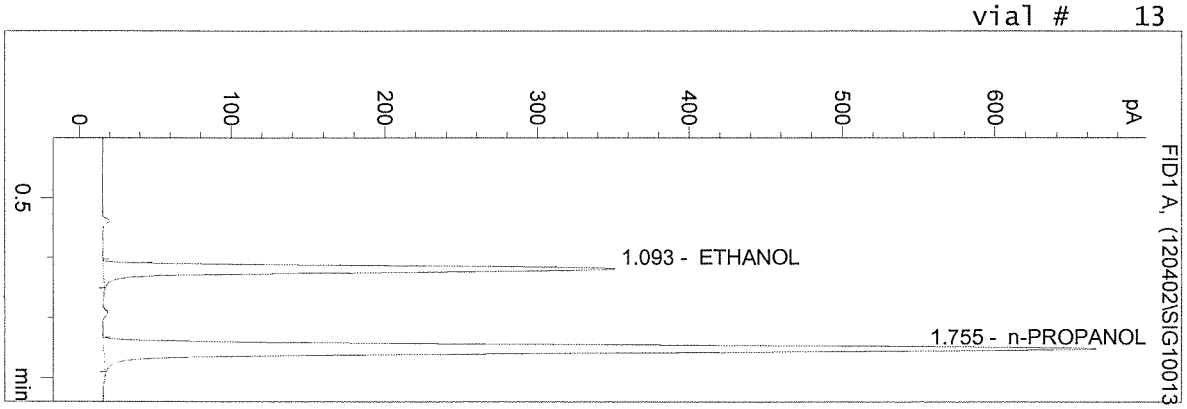
Instrument 3
DB-ALC1

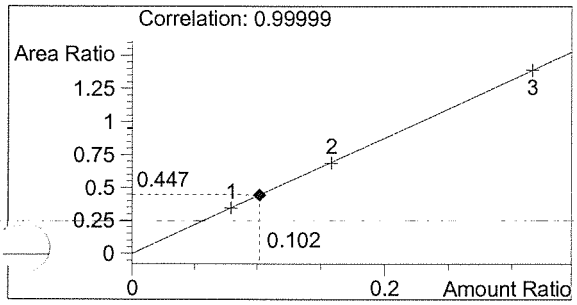
02044 SIM SOL
RUTH LUTHI

vial # 13

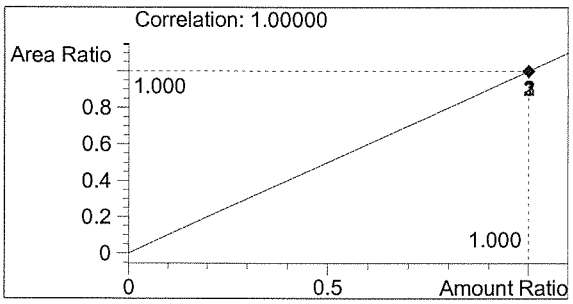


#	Compound	Area	RT
1	ETHANOL	1317	1.093
2	n-PROPANOL	2949	1.755

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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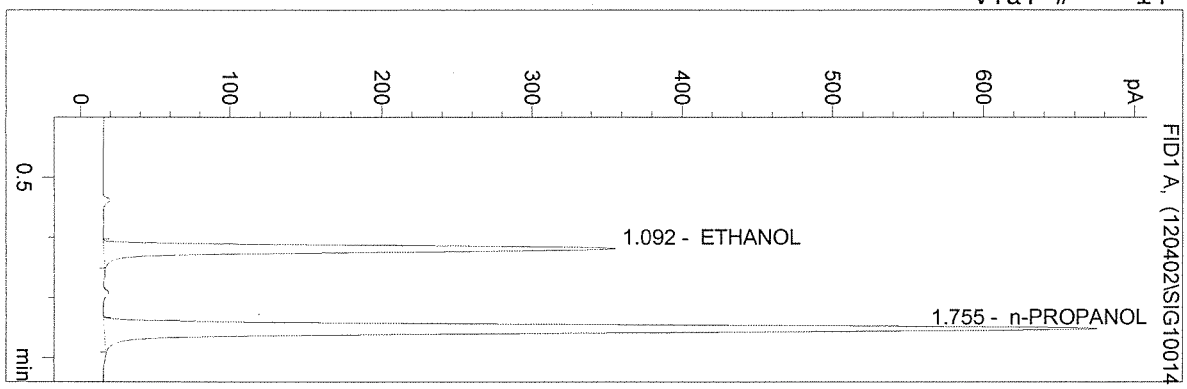
Instrument 3
DB-ALC1

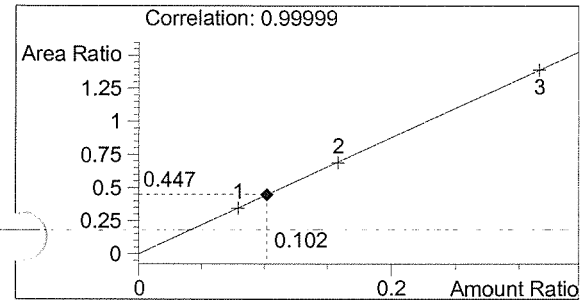
02044 SIM SOL
RUTH LUTHI

vial # 14

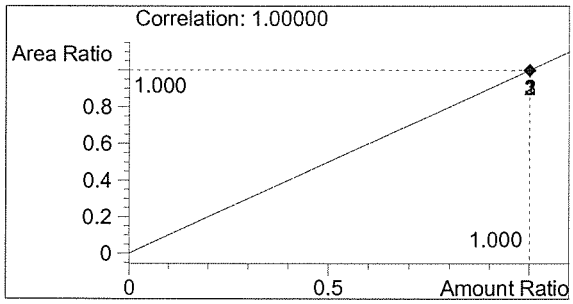


#	Compound	Area	RT
1	ETHANOL	1339	1.092
2	n-PROPANOL	2995	1.755

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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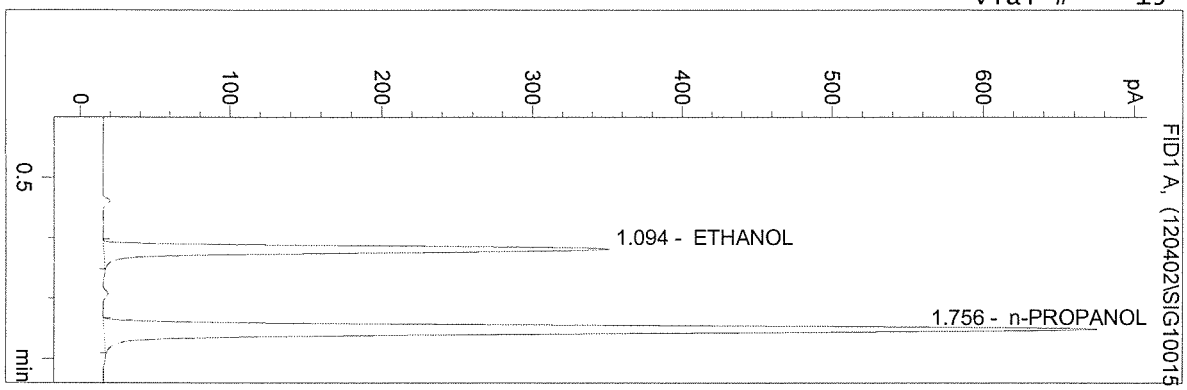
Instrument 3
DB-ALC1

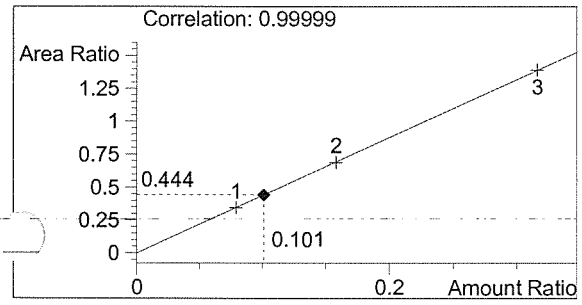
02044 SIM SOL
RUTH LUTHI

vial # 15

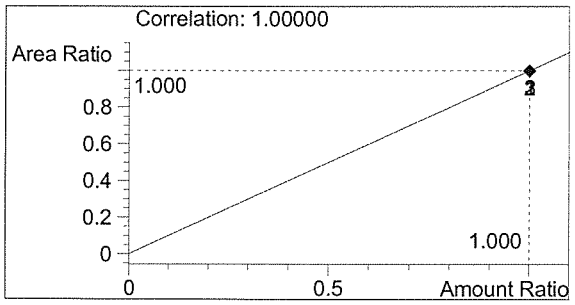


#	Compound	Area	RT
1	ETHANOL	1337	1.094
2	n-PROPANOL	3014	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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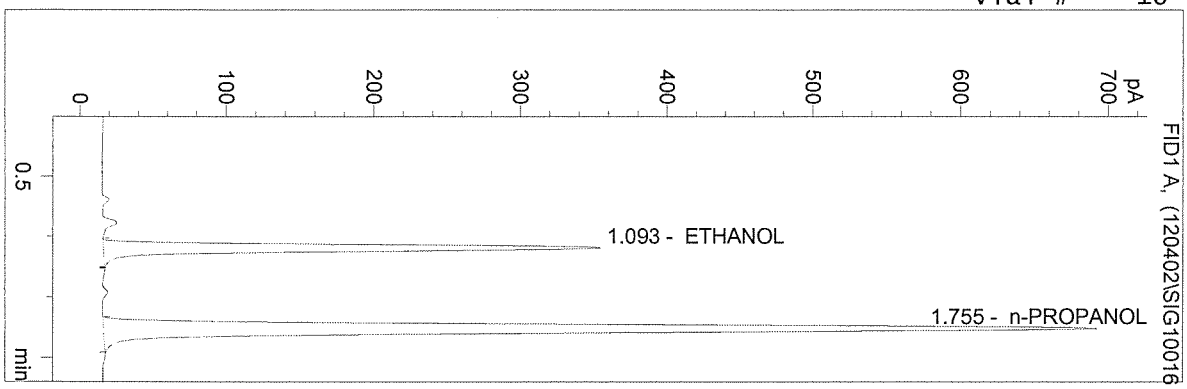
12/4/02 8:22:03 AM
Instrument 3
DB-ALC1

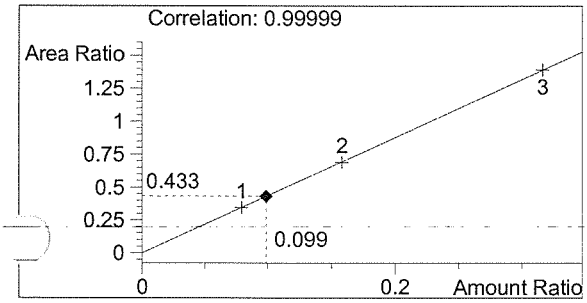
0.100 CTRL
RUTH LUTHI

vial # 16

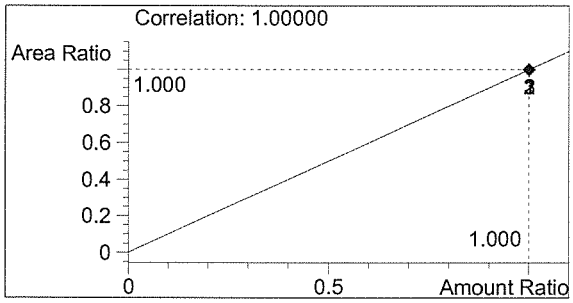


#	Compound	Area	RT
1	ETHANOL	1327	1.093
2	n-PROPANOL	3067	1.755

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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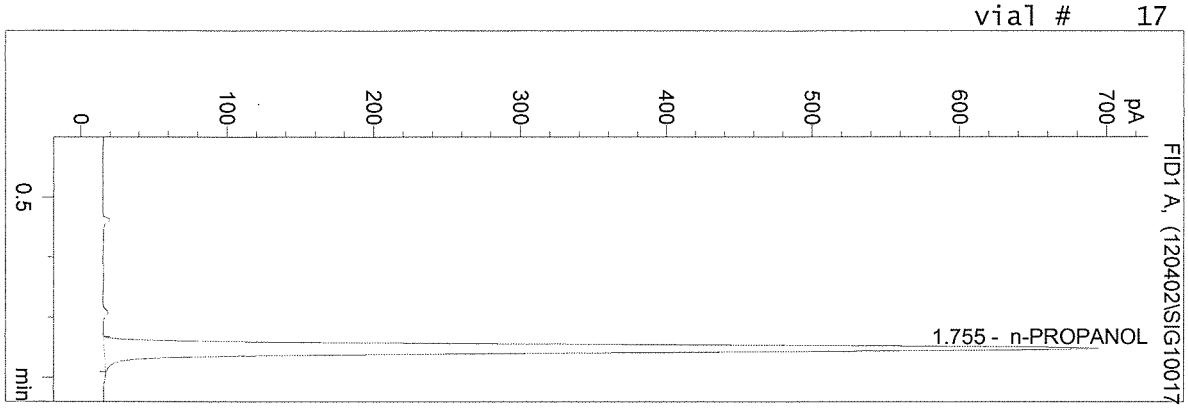
12/4/02 8:25:26 AM
Instrument 3
DB-ALC1

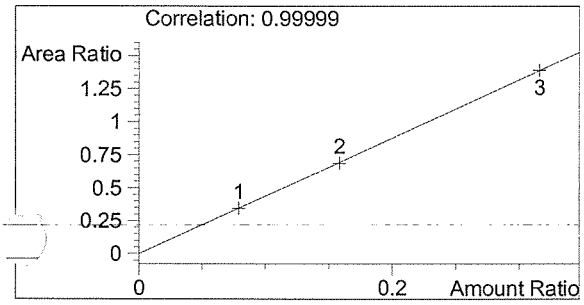
BLANK
RUTH LUTHI

vial # 17

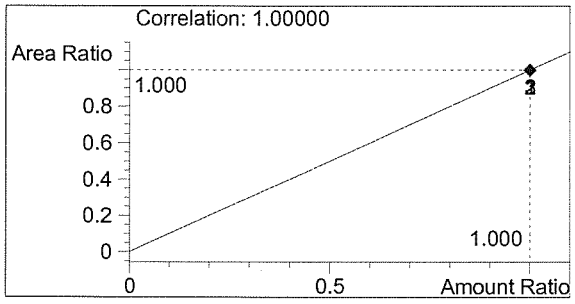


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3092	1.755

Totals:



ETHANOL 0.000 g/100mL



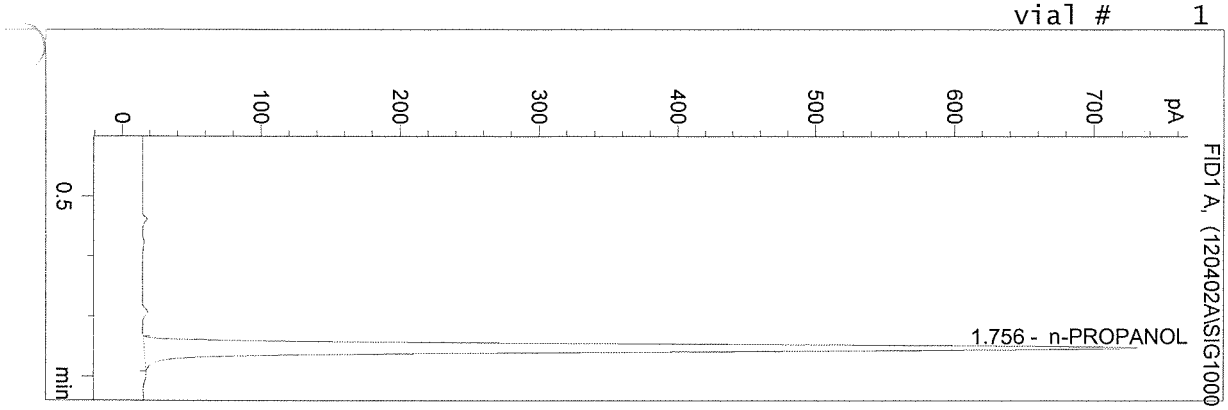
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 8:57:04 AM
Instrument 3
DB-ALC1

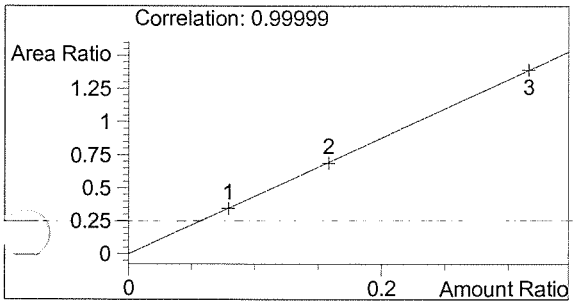
BLANK
ANN MARIE GORDON

vial # 1

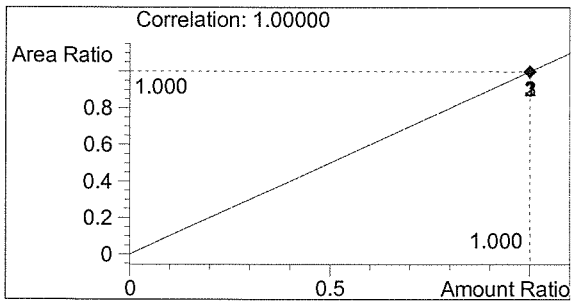


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3224	1.756

Totals:



ETHANOL 0.000 g/100mL



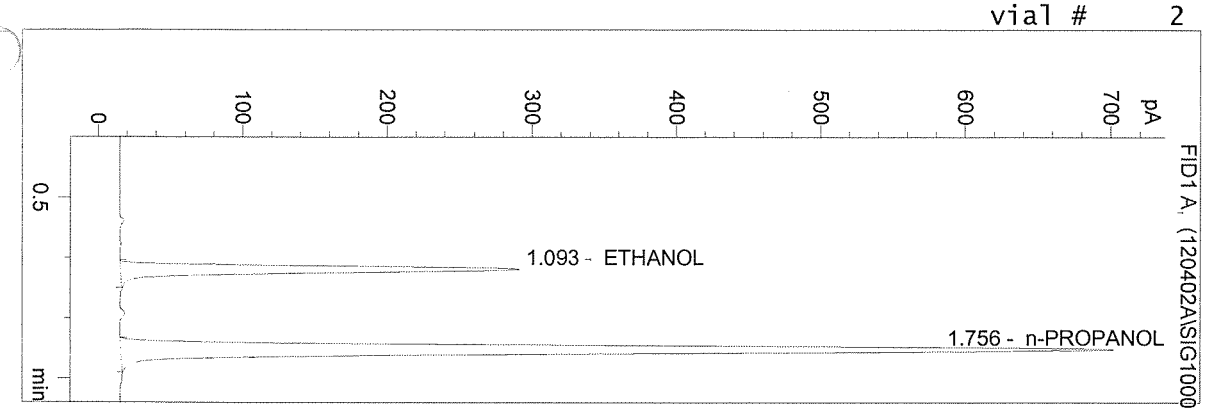
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:00:27 AM
Instrument 3
DB-ALC1

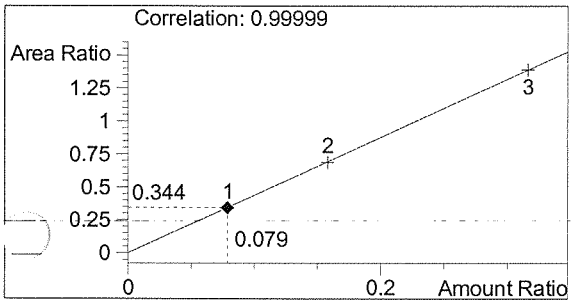
0.079 CALIBRATOR
ANN MARIE GORDON

vial # 2

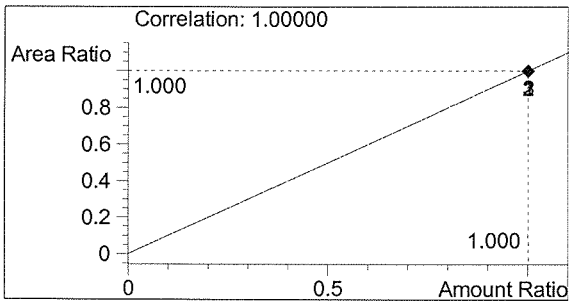


#	Compound	Area	RT
1	ETHANOL	1064	1.093
2	n-PROPANOL	3093	1.756

Totals:



ETHANOL 0.079 g/100mL



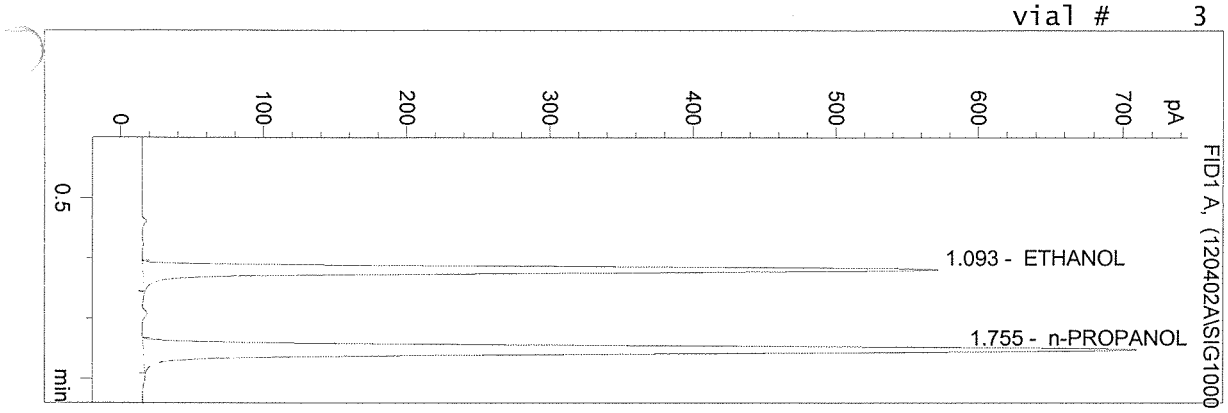
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:03:50 AM
Instrument 3
DB-ALC1

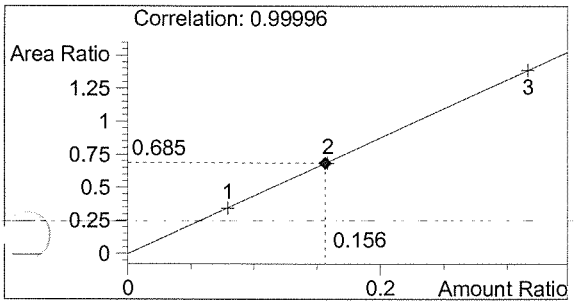
0.158 CALIBRATOR
ANN MARIE GORDON

vial # 3

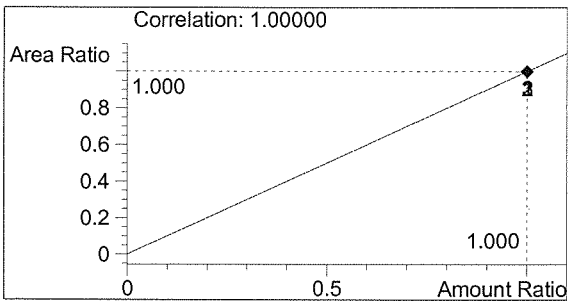


#	Compound	Area	RT
1	ETHANOL	2130	1.093
2	n-PROPANOL	3109	1.755

Totals:



ETHANOL 0.156 g/100mL



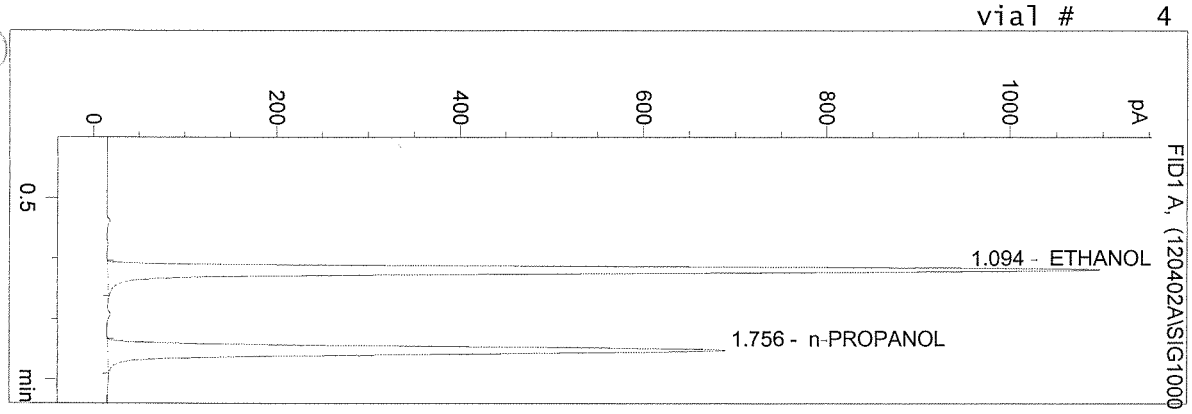
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

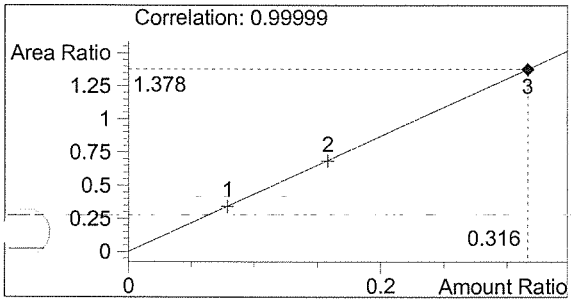
C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:07:13 AM
Instrument 3
DB-ALC1

0.316 CALIBRATOR
ANN MARIE GORDON

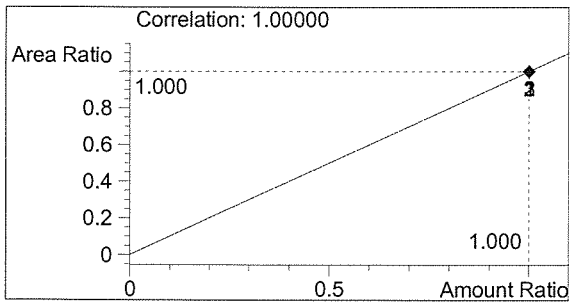
vial # 4



#	Compound	Area	RT
1	ETHANOL	4153	1.094
2	n-PROPANOL	3013	1.756
Totals:			



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

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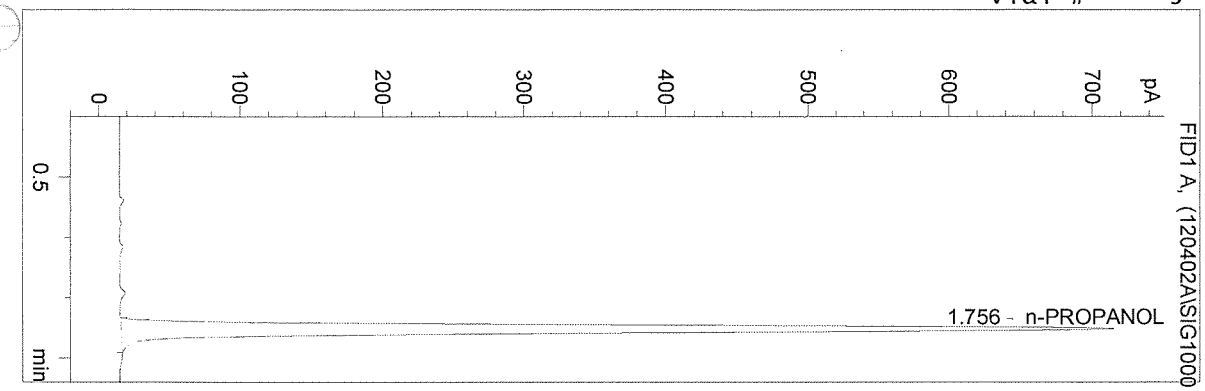
12/4/02 9:10:37 AM
Instrument 3
DB-ALC1

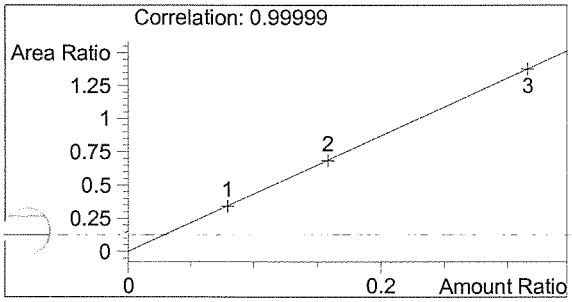
Blank
ANN MARIE GORDON

vial # 5

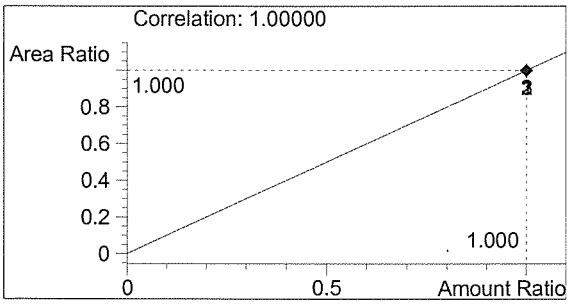


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3130	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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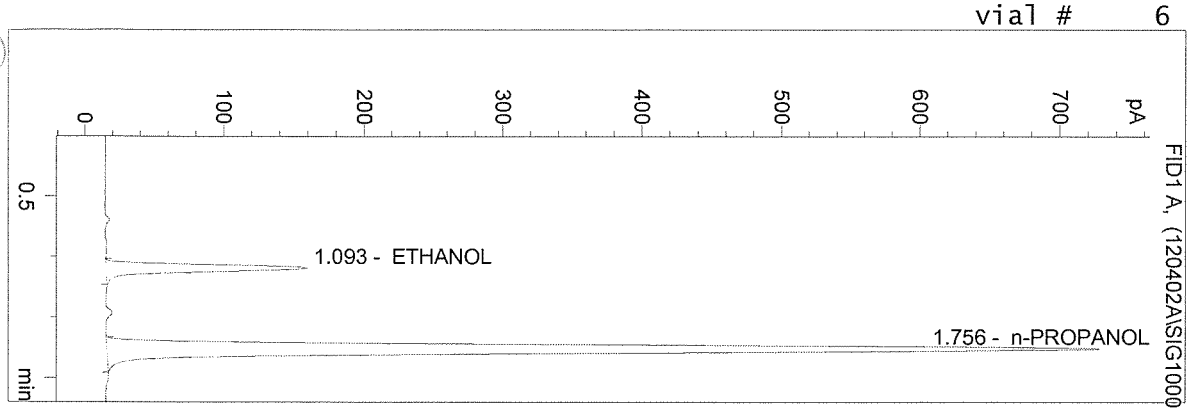
12/4/02 9:14:00 AM
Instrument 3
DB-ALC1

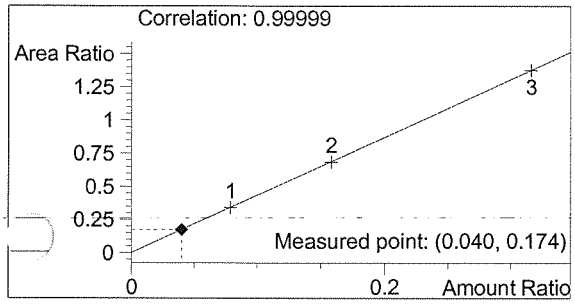
0.04 Control
ANN MARIE GORDON

vial # 6

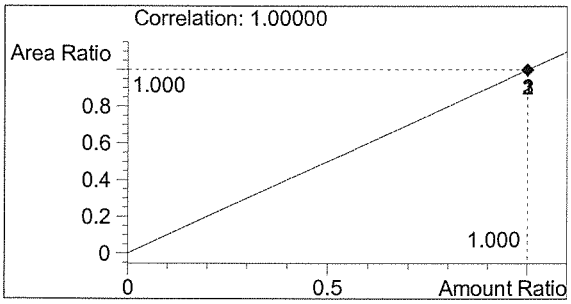


#	Compound	Area	RT
1	ETHANOL	557	1.093
2	n-PROPANOL	3206	1.756

Totals:



ETHANOL 0.040 g/100mL



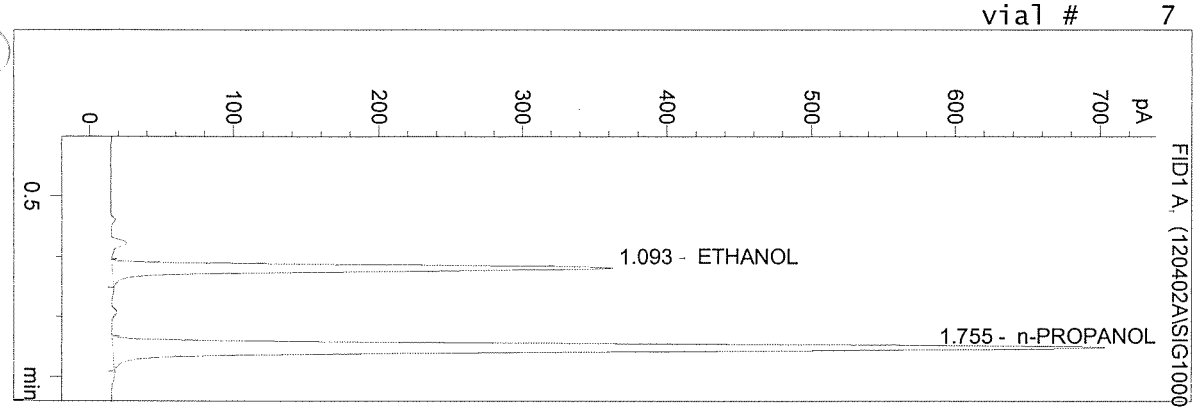
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:17:23 AM
Instrument 3
DB-ALC1

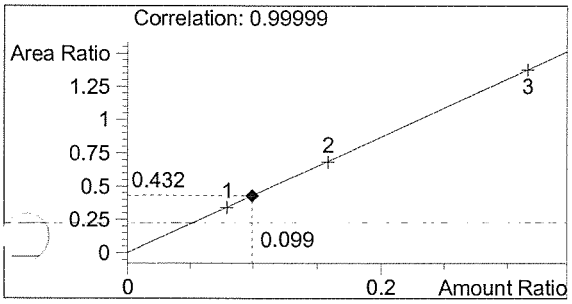
0.10 Control
ANN MARIE GORDON

vial # 7

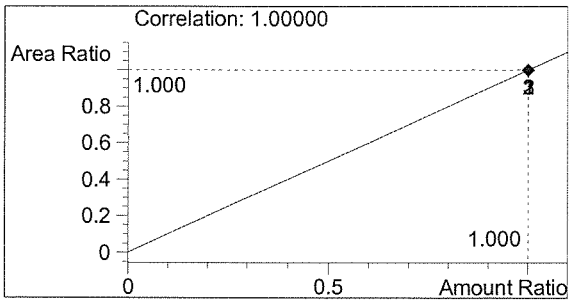


#	Compound	Area	RT
1	ETHANOL	1331	1.093
2	n-PROPANOL	3081	1.755

Totals:



ETHANOL 0.099 g/100mL



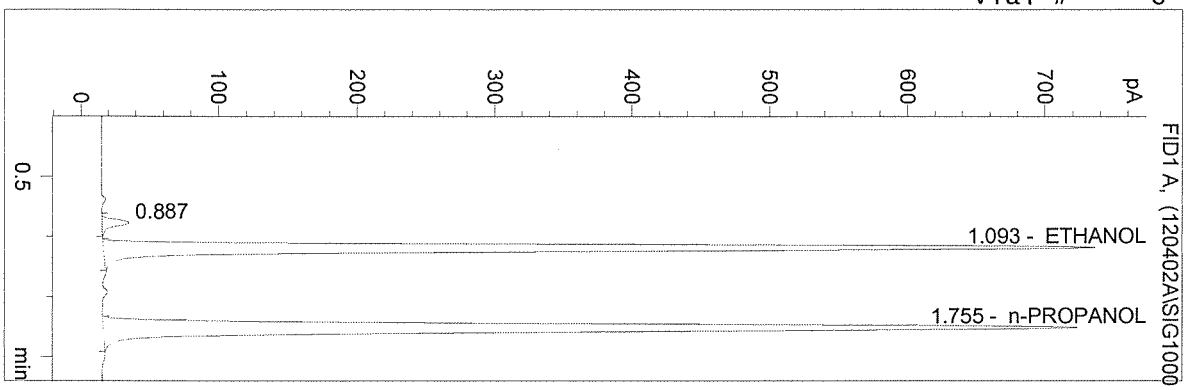
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:20:47 AM
Instrument 3
DB-ALC1

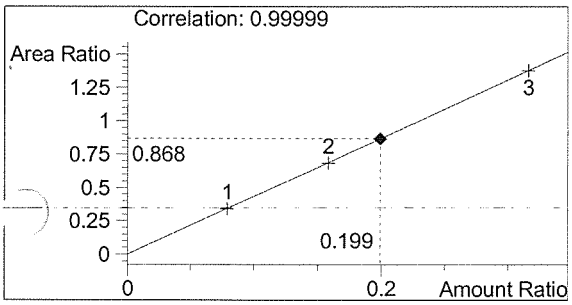
0.20 Control
ANN MARIE GORDON

vial # 8

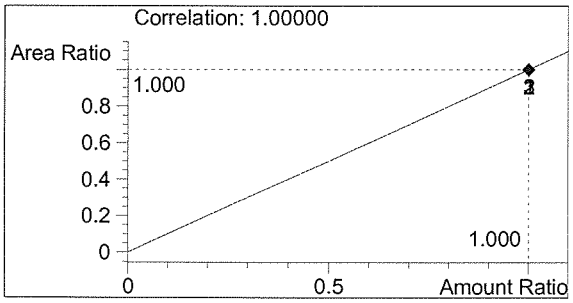


#	Compound	Area	RT
1		76	0.887
2	ETHANOL	2731	1.093
3	n-PROPANOL	3146	1.755

Totals:



ETHANOL 0.199 g/100mL



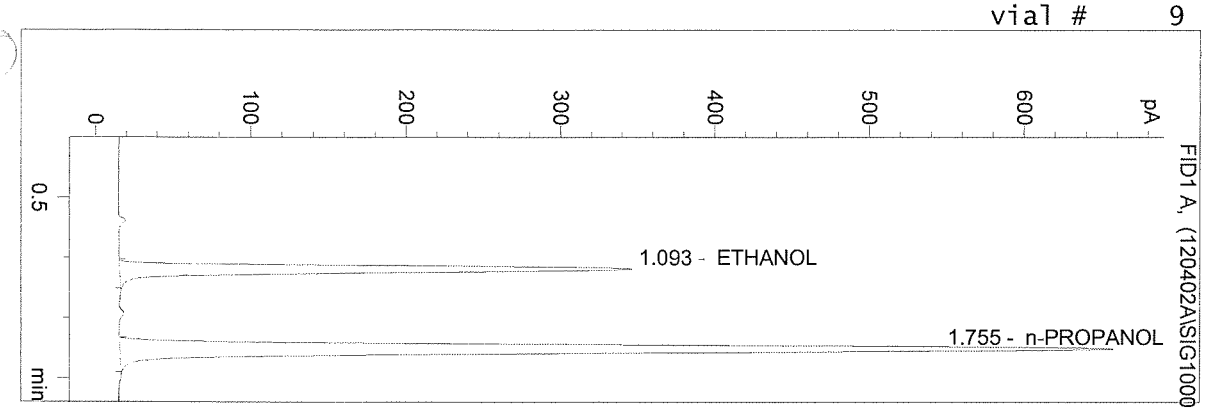
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:24:11 AM
Instrument 3
DB-ALC1

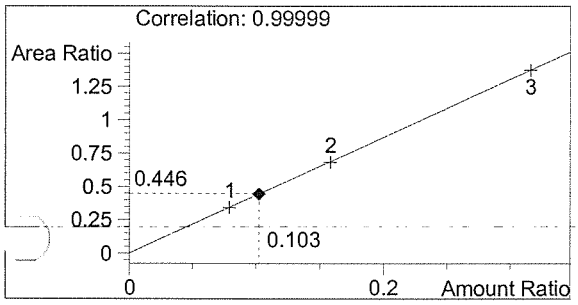
02044-1 SIM
ANN MARIE GORDON

vial # 9

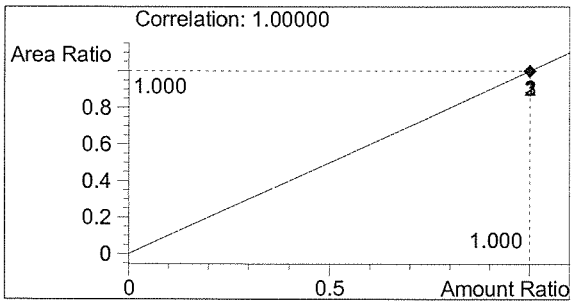


#	Compound	Area	RT
1	ETHANOL	1309	1.093
2	n-PROPANOL	2933	1.755

Totals:



ETHANOL 0.103 g/100mL



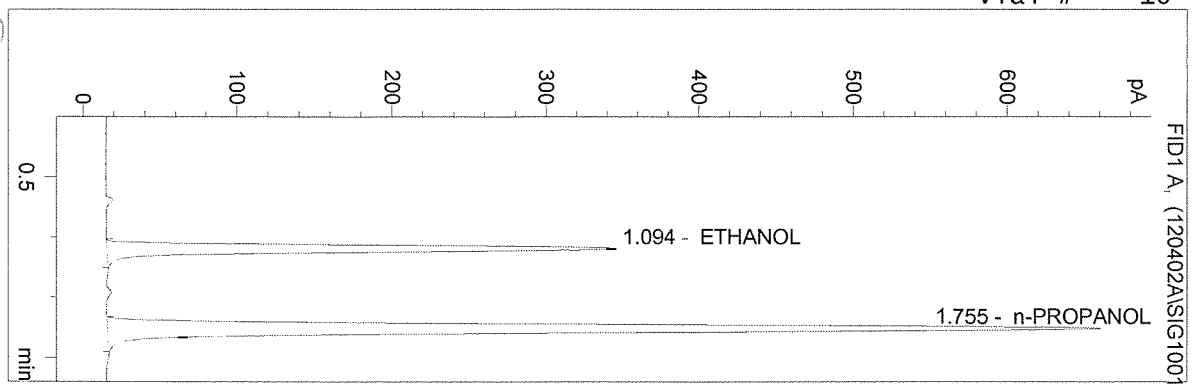
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:27:34 AM
Instrument 3
DB-ALC1

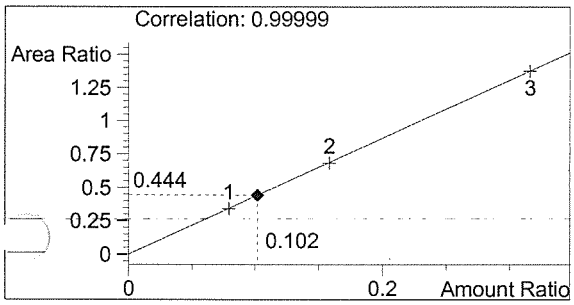
02044-2 SIM
ANN MARIE GORDON

vial # 10

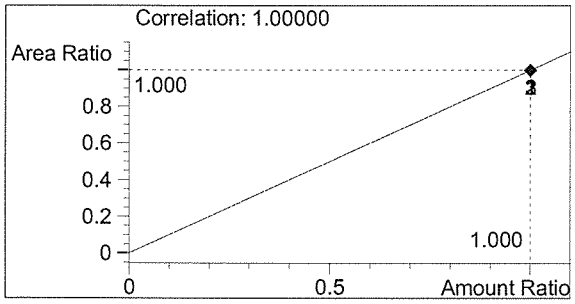


#	Compound	Area	RT
1	ETHANOL	1303	1.094
2	n-PROPANOL	2935	1.755

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
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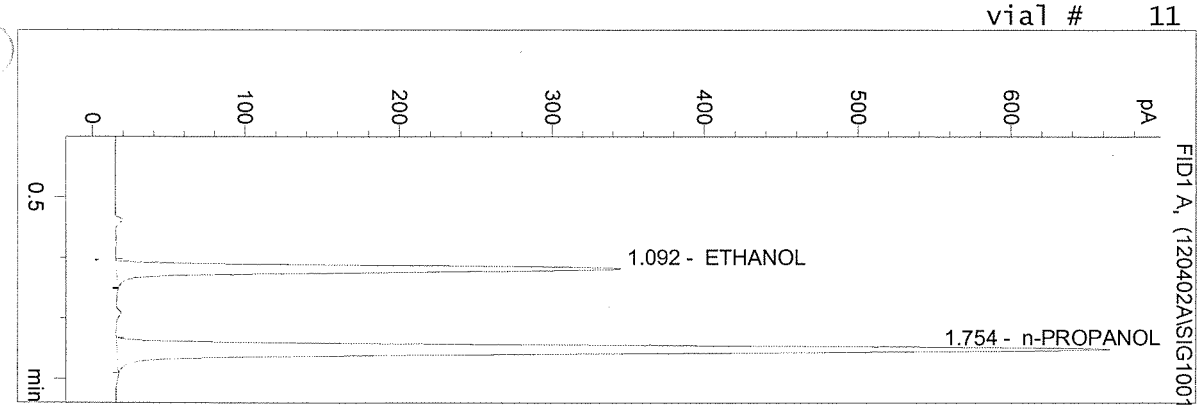
Instrument 3
DB-ALC1

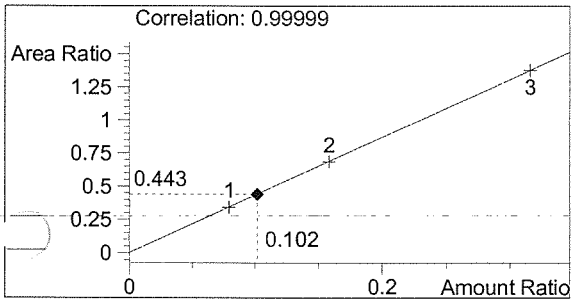
02044-3 SIM
ANN MARIE GORDON

vial # 11

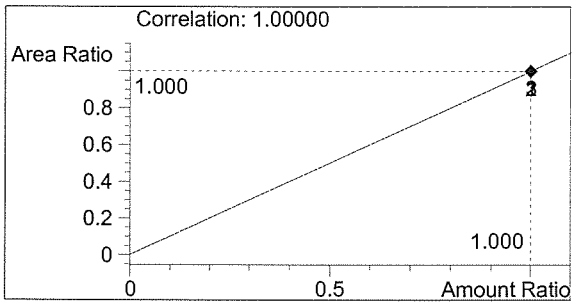


#	Compound	Area	RT
1	ETHANOL	1313	1.092
2	n-PROPANOL	2966	1.754

Totals:



ETHANOL 0.102 g/100mL



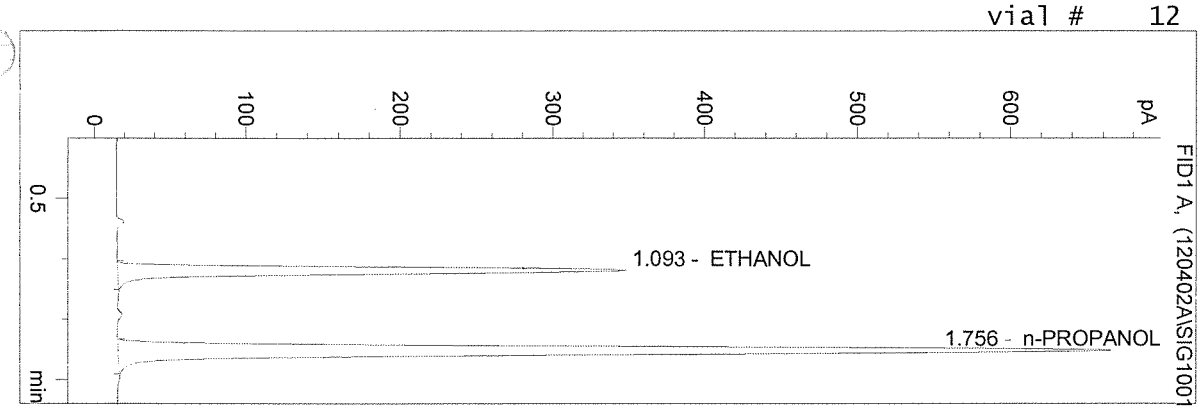
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:34:20 AM
Instrument 3
DB-ALC1

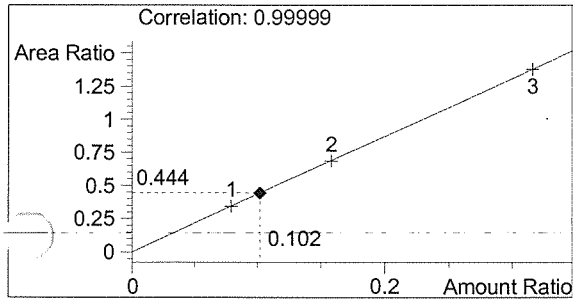
02044-4 SIM
ANN MARIE GORDON

vial # 12

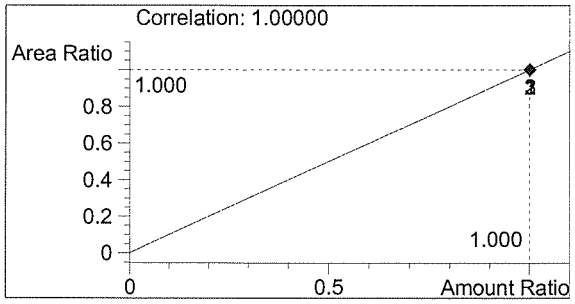


#	Compound	Area	RT
1	ETHANOL	1313	1.093
2	n-PROPANOL	2953	1.756

Totals:



ETHANOL 0.102 g/100mL



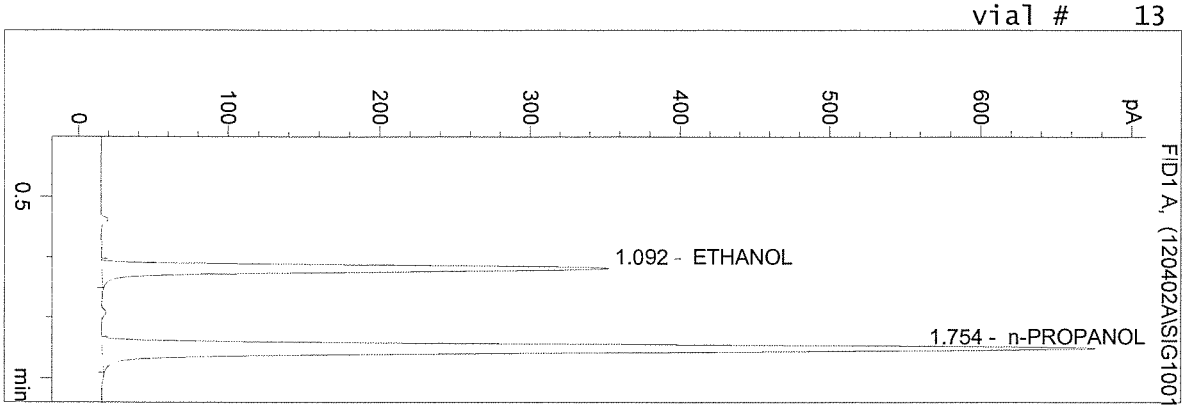
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/4/02 9:37:44 AM
Instrument 3
DB-ALC1

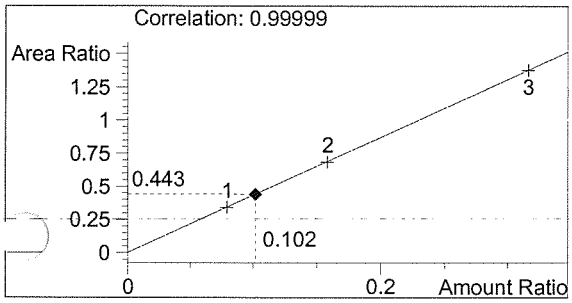
02044-5 SIM
ANN MARIE GORDON

vial # 13

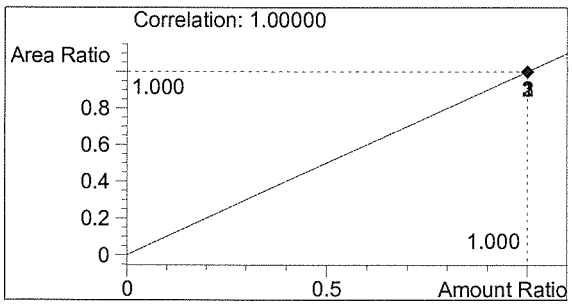


#	Compound	Area	RT
1	ETHANOL	1331	1.092
2	n-PROPANOL	3006	1.754

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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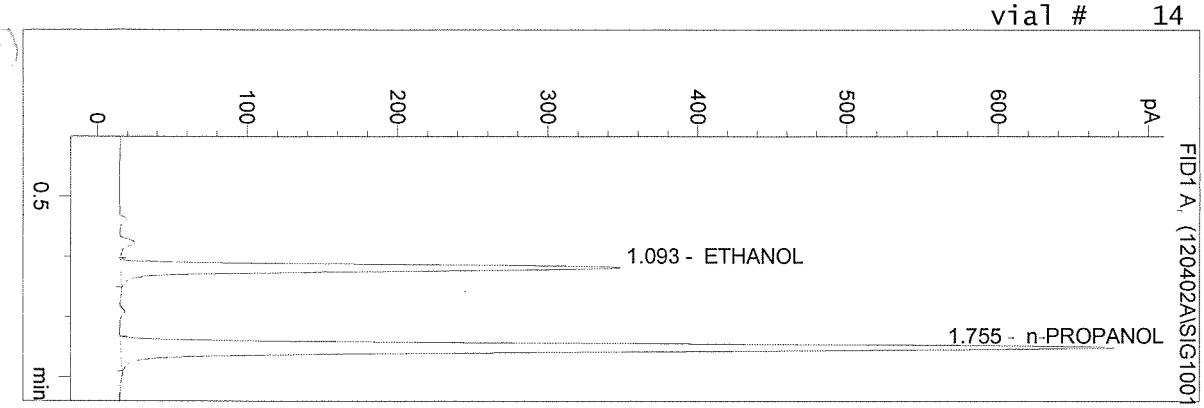
12/4/02 9:40:53 AM
Instrument 3
DB-ALC1

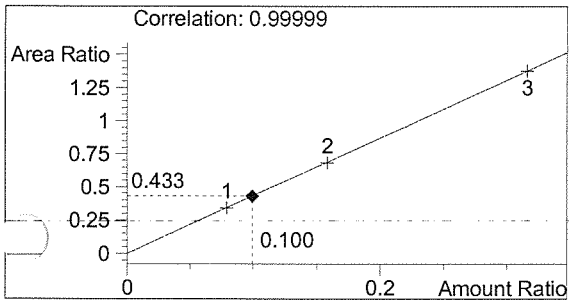
0.10 Control
ANN MARIE GORDON

vial # 14

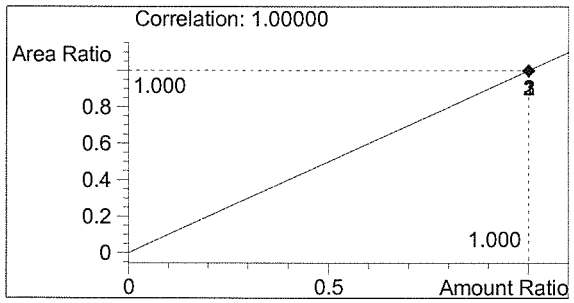


#	Compound	Area	RT
1	ETHANOL	1298	1.093
2	n-PROPANOL	2998	1.755

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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12/4/02 9:44:16 AM
Instrument 3
DB-ALC1

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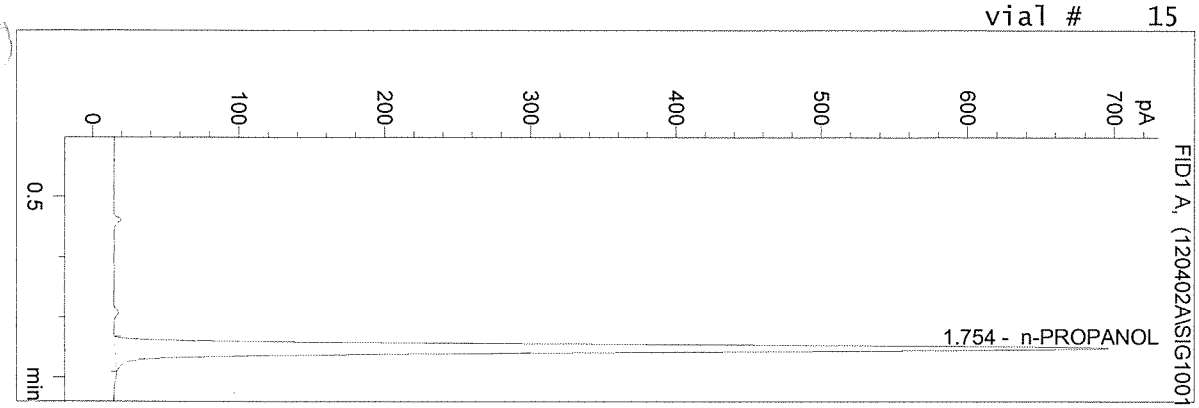
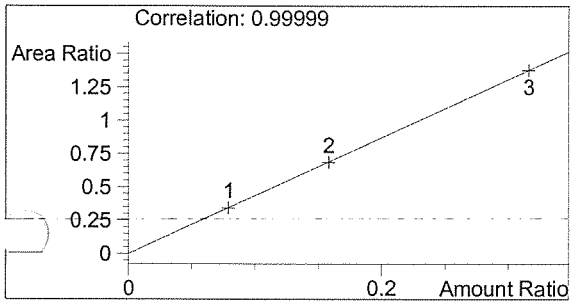
ANN MARIE GORDON

vial # 15

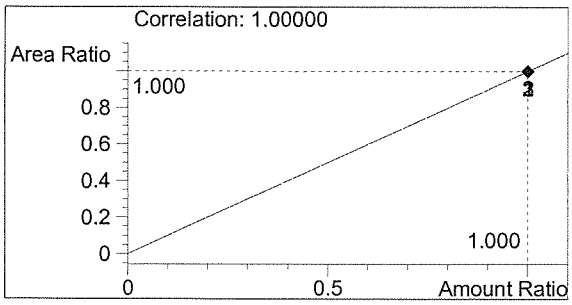


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3119	1.754

Totals:



ETHANOL 0.000 g/100mL



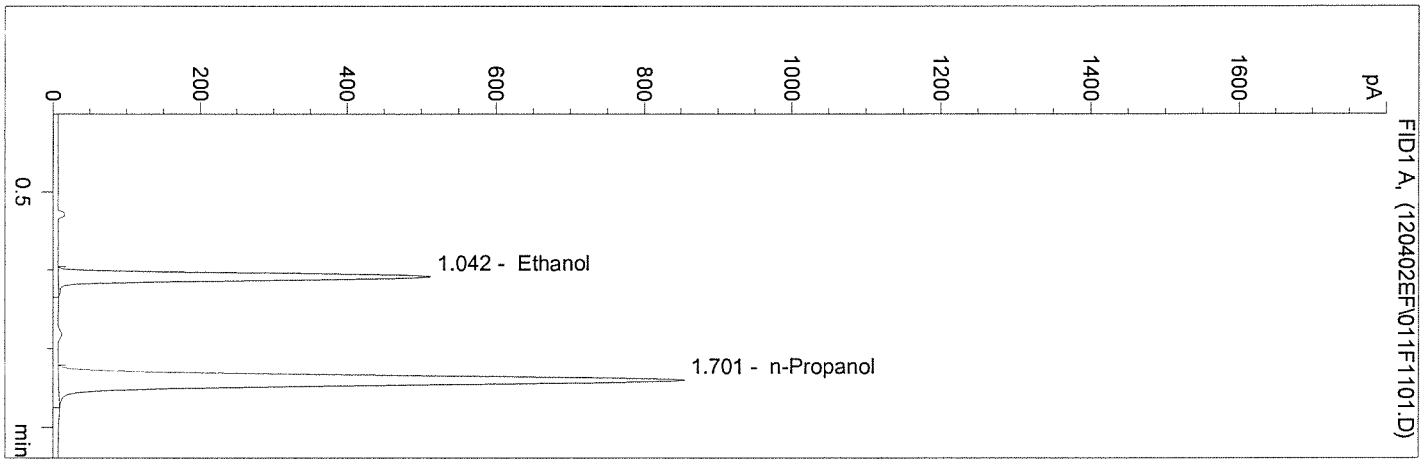
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
12/4/02 11:37:11 AM
Instrument 1
-ALC1

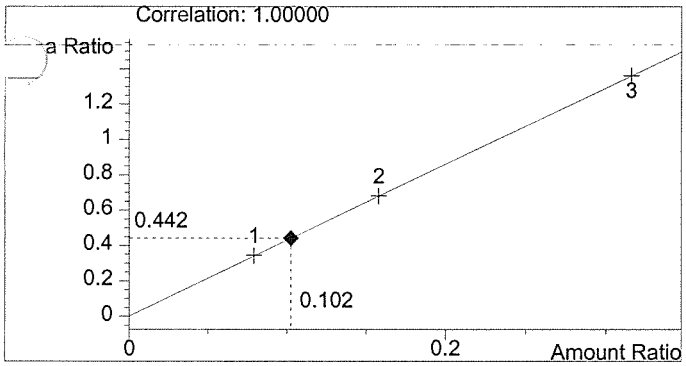
02044 SIM
ED FORMOSO

vial # 11

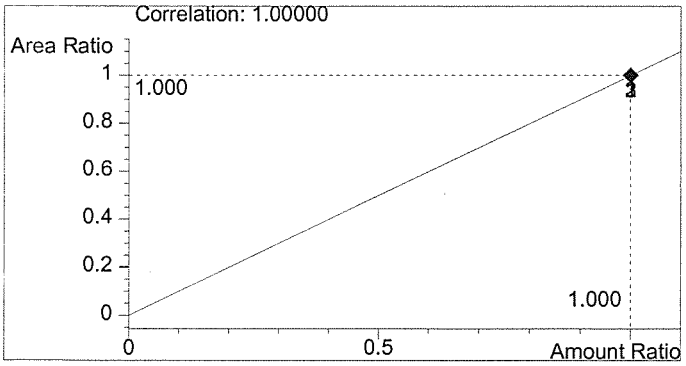


#	Compound	Area	RT
1	Ethanol	1595	1.042
2	n-Propanol	3612	1.701

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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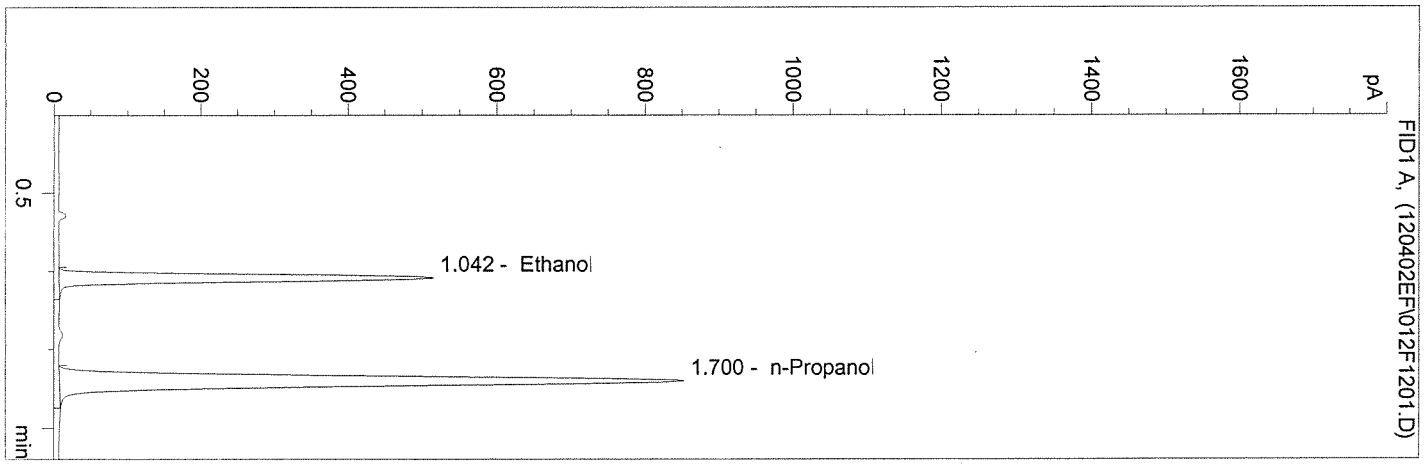
12/4/02 11:40:12 AM
Instrument 1
-ALC1

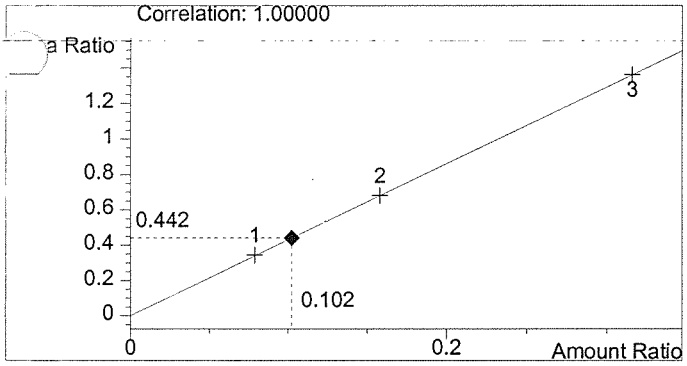
02044 SIM
ED FORMOSO

vial # 12

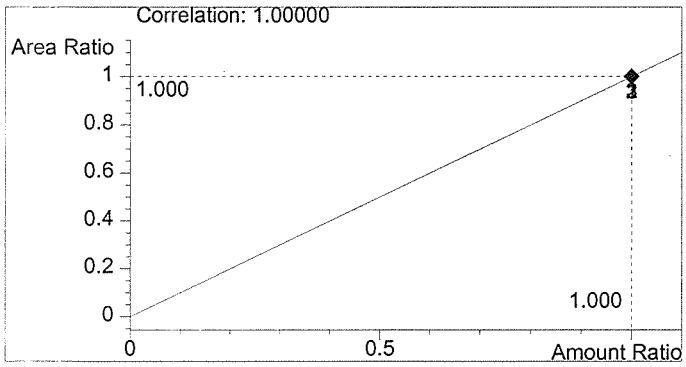


#	Compound	Area	RT
1	Ethanol	1591	1.042
2	n-Propanol	3601	1.700

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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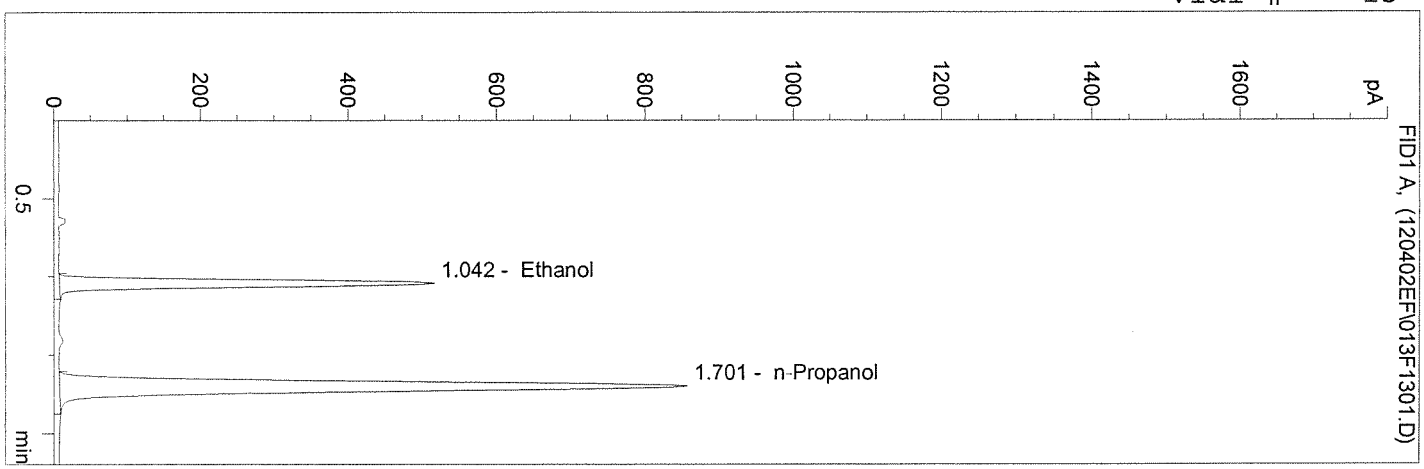
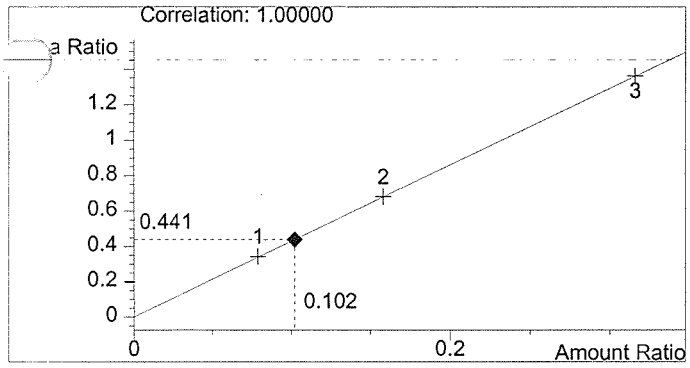
02044 SIM
ED FORMOSO

vial # 13

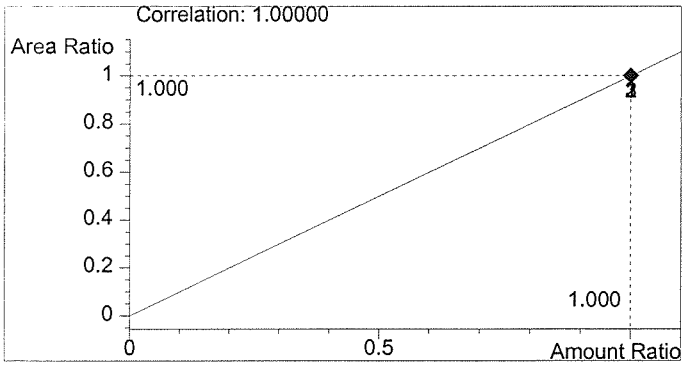


#	Compound	Area	RT
1	Ethanol	1598	1.042
2	n-Propanol	3628	1.701

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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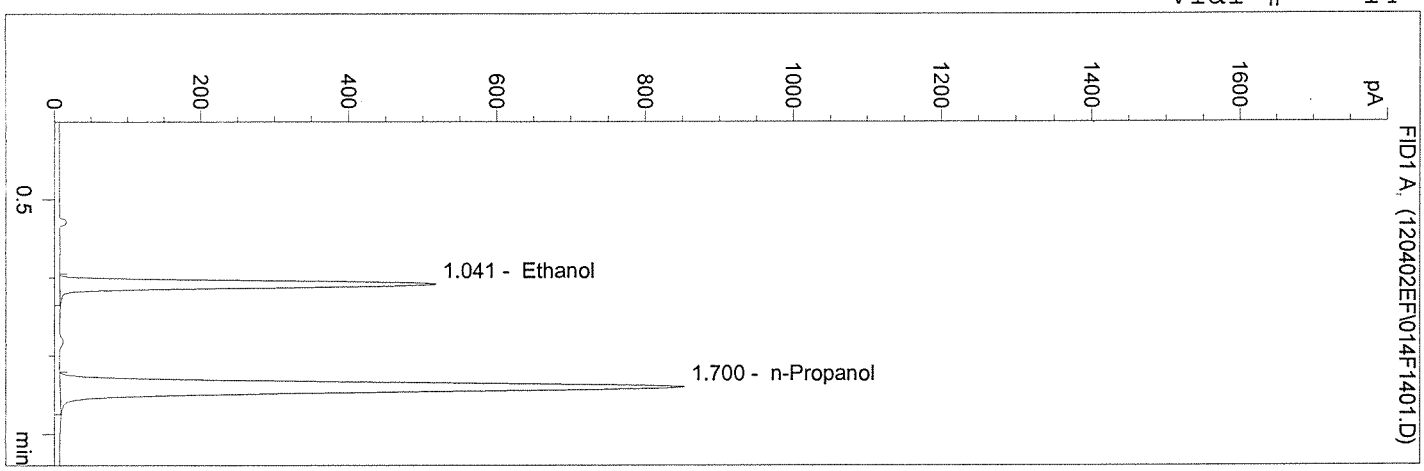
12/4/02 11:46:35 AM
Instrument 1
DB-ALC1

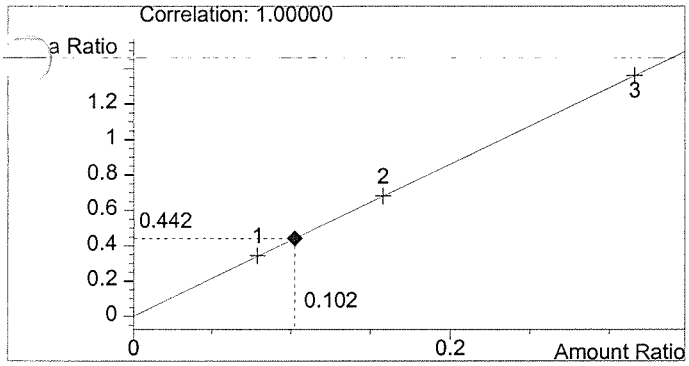
02044 SIM
ED FORMOSO

vial # 14

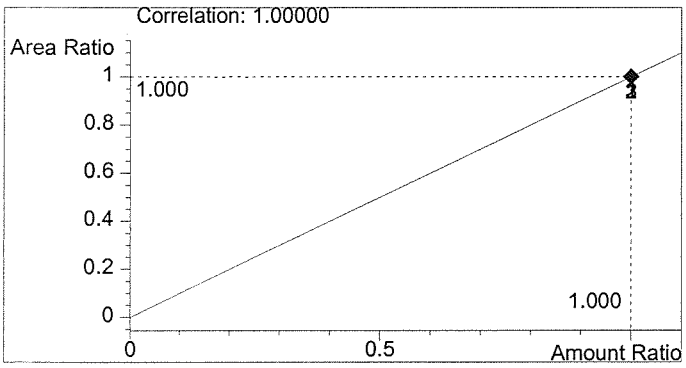


#	Compound	Area	RT
1	Ethanol	1586	1.041
2	n-Propanol	3587	1.700

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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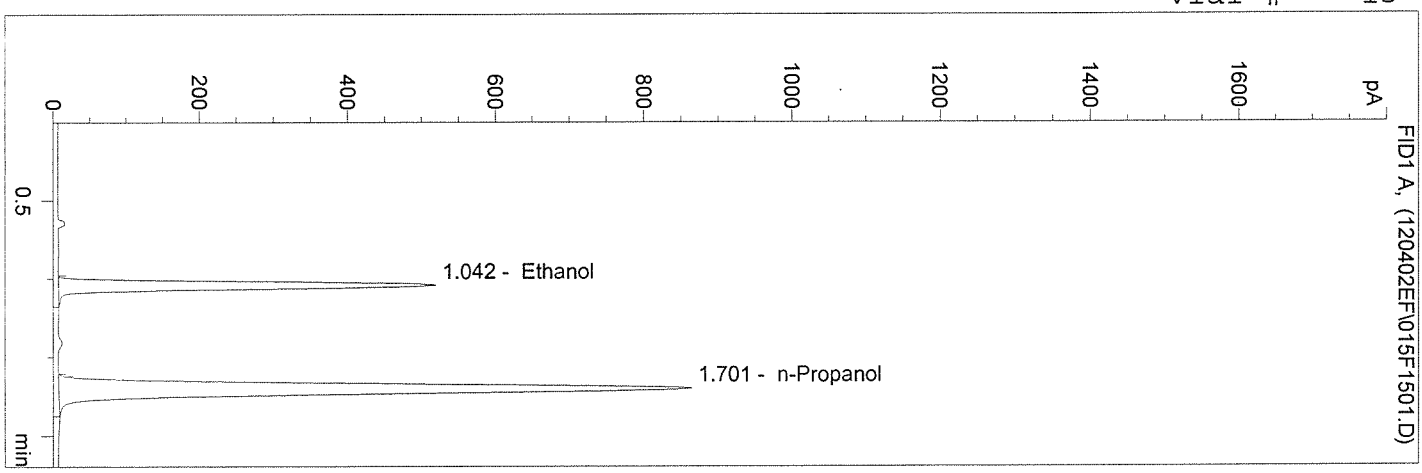
[illegible]-ALC1

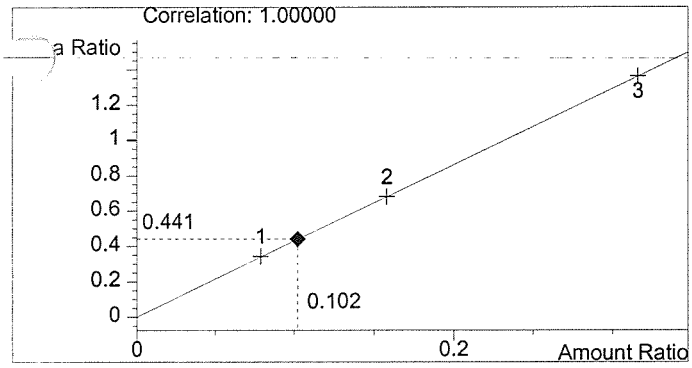
02044 SIM
ED FORMOSO

vial # 15

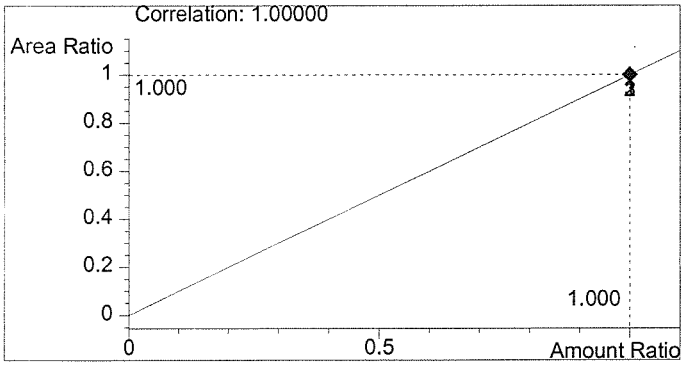


#	Compound	Area	RT
1	Ethanol	1614	1.042
2	n-Propanol	3656	1.701

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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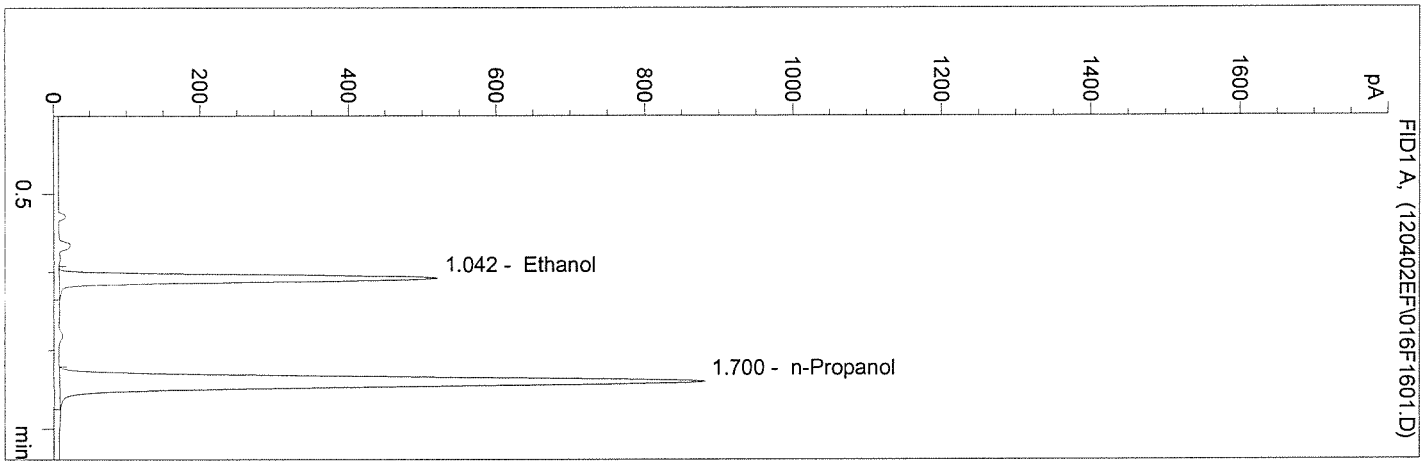
12/4/02 11:52:39 AM
Instrument 1
DB-ALC1

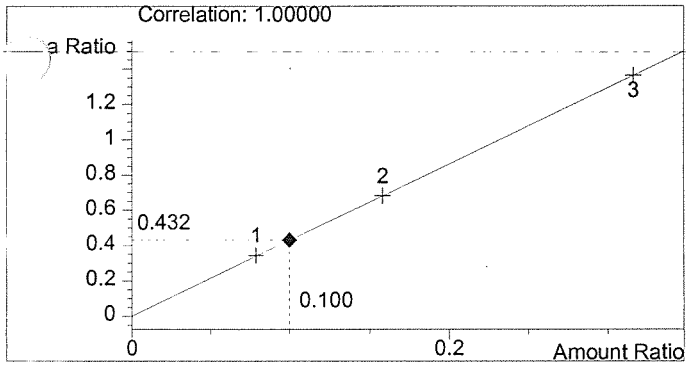
0.10 CTL
ED FORMOSO

vial # 16

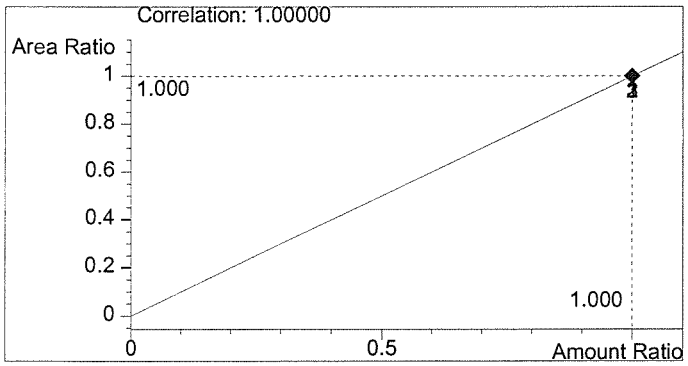


#	Compound	Area	RT
1	Ethanol	1603	1.042
2	n-Propanol	3714	1.700

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
DB-ALC1

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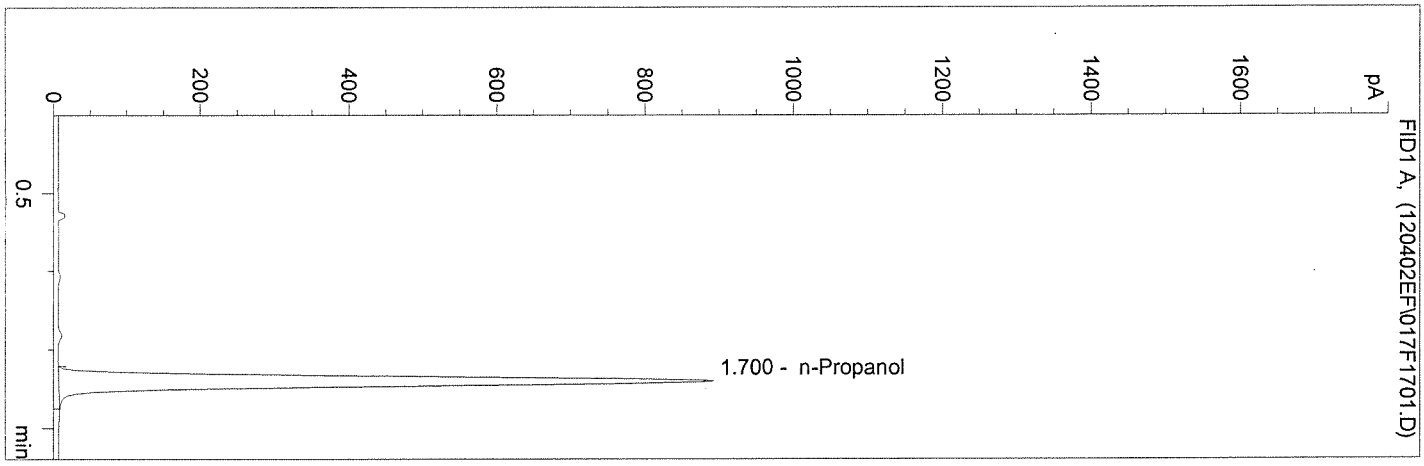
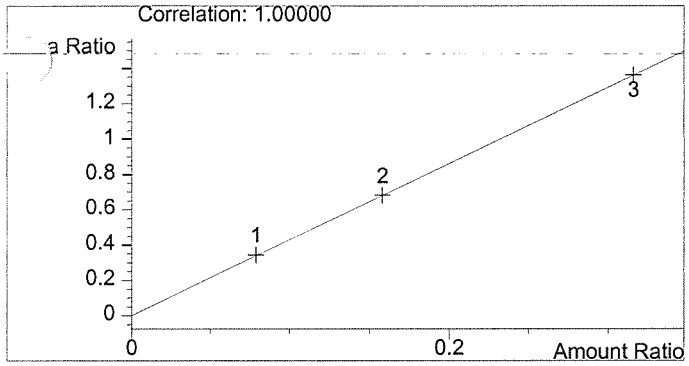
ED FORMOSO

vial # 17

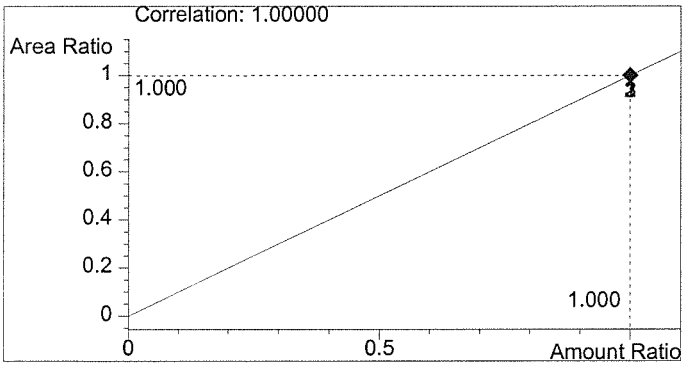


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3754	1.700

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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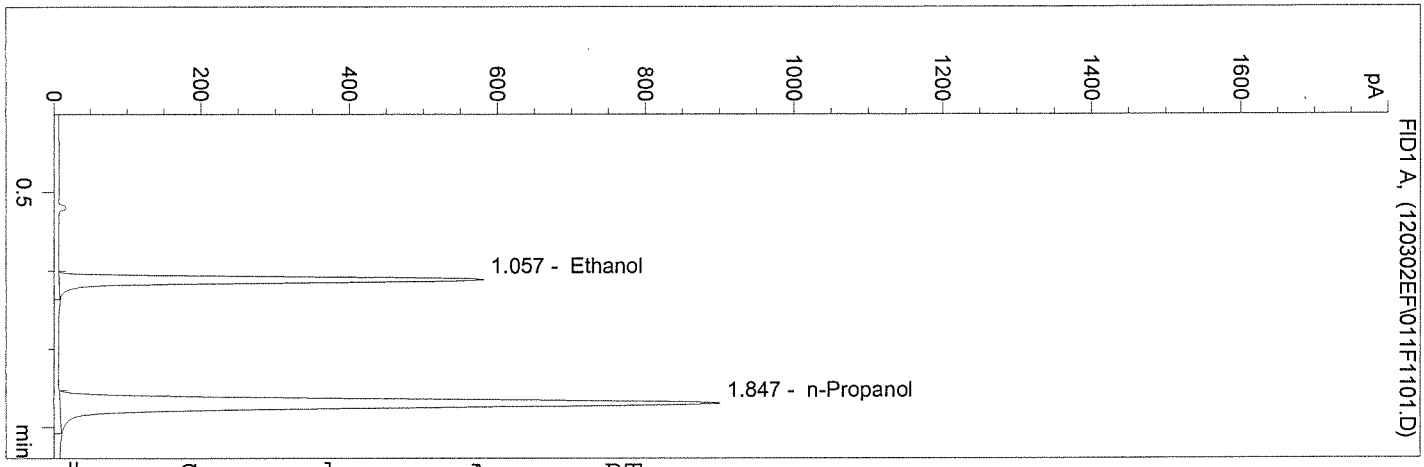
12/4/02 11:37:03 AM
Instrument 2
DB-ALC1

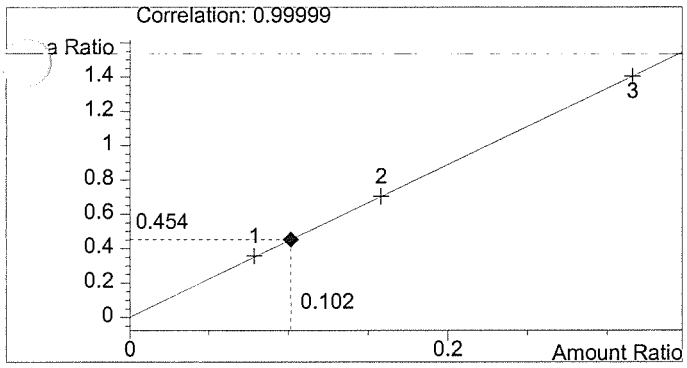
02044 SIM
MARY WILSON

vial # 11

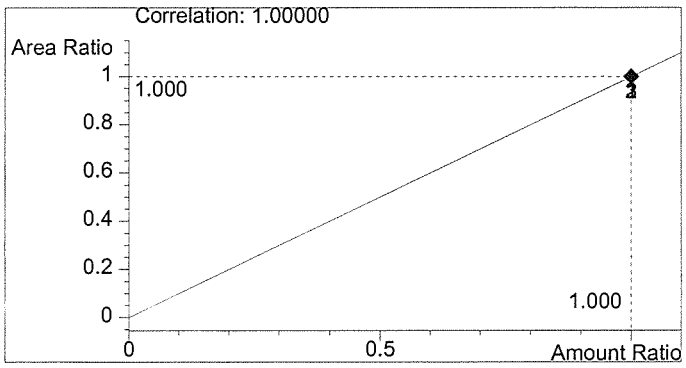


#	Compound	Area	RT
1	Ethanol	1576	1.057
2	n-Propanol	3470	1.847

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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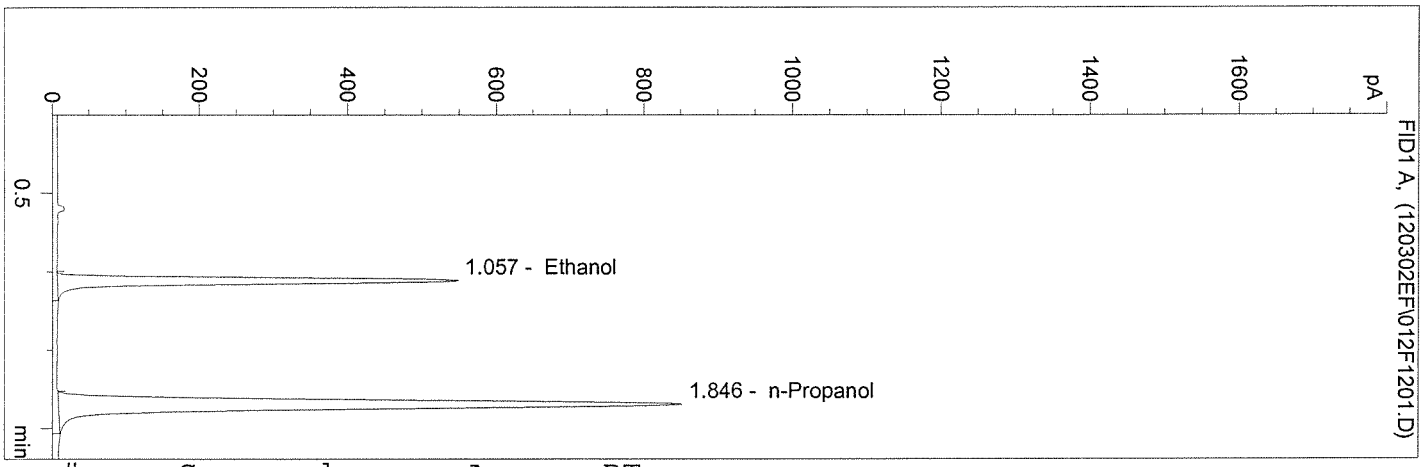
Instrument 2
DB-ALC1

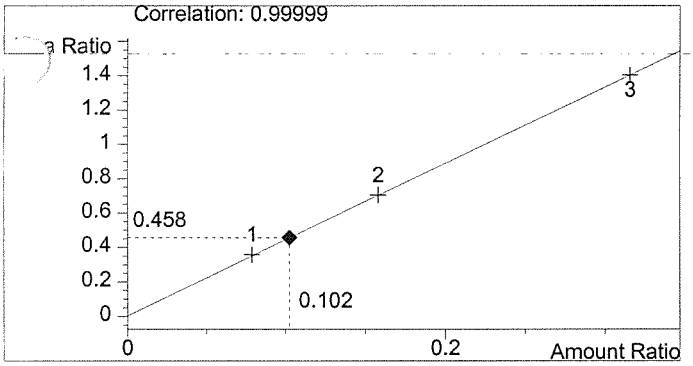
02044 SIM
MARY WILSON

vial # 12

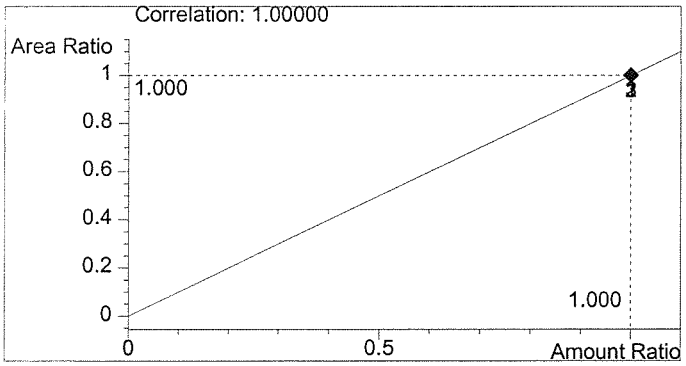


#	Compound	Area	RT
1	Ethanol	1503	1.057
2	n-Propanol	3284	1.846

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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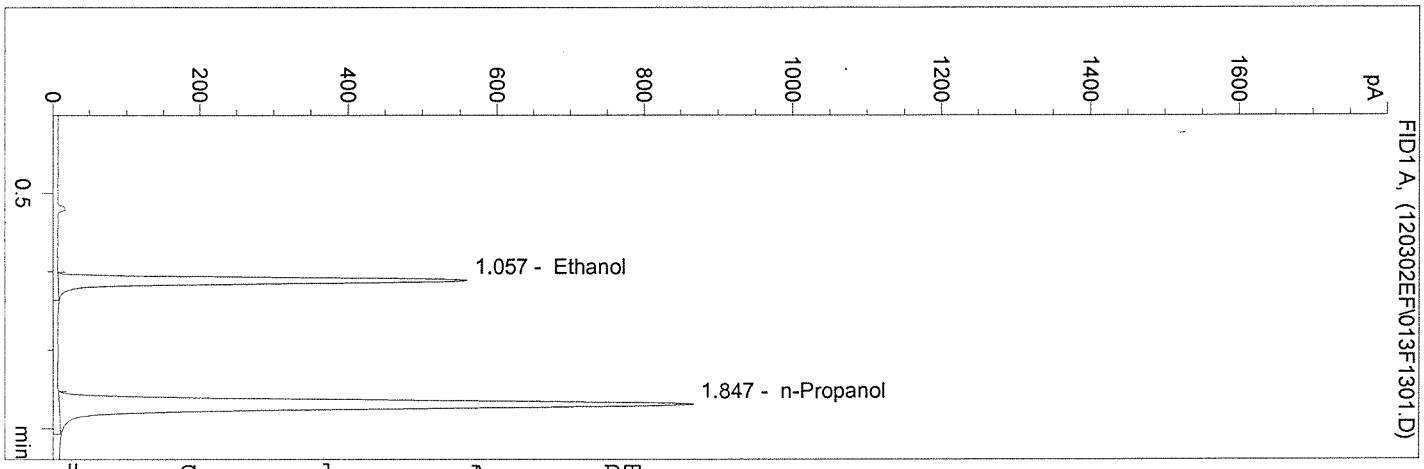
Instrument 2
DB-ALC1

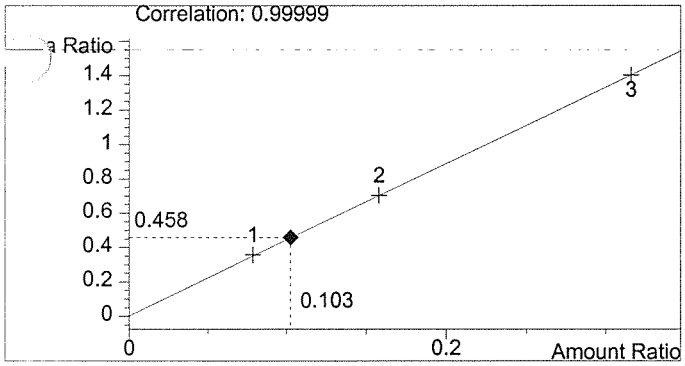
02044 SIM
MARY WILSON

vial # 13

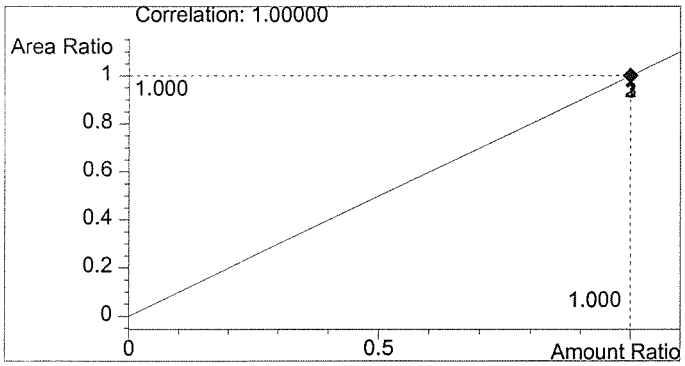


#	Compound	Area	RT
1	Ethanol	1528	1.057
2	n-Propanol	3334	1.847

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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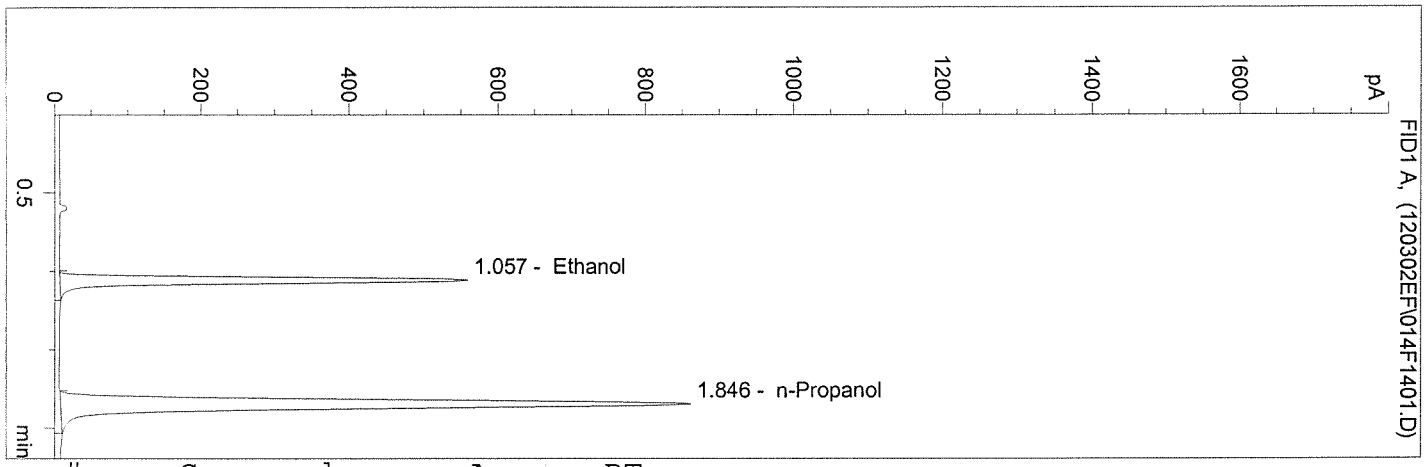
Instrument 2
DB-ALC1

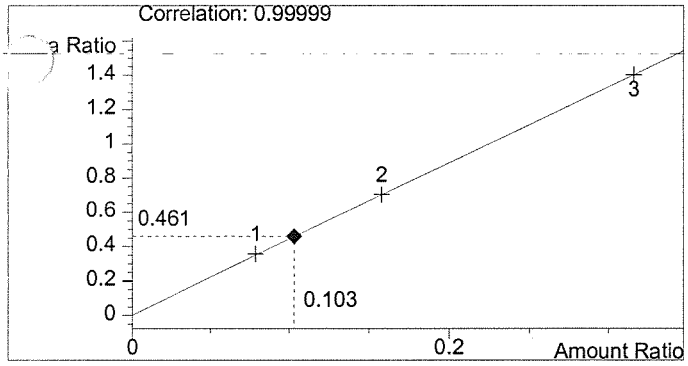
02044 SIM
MARY WILSON

vial # 14

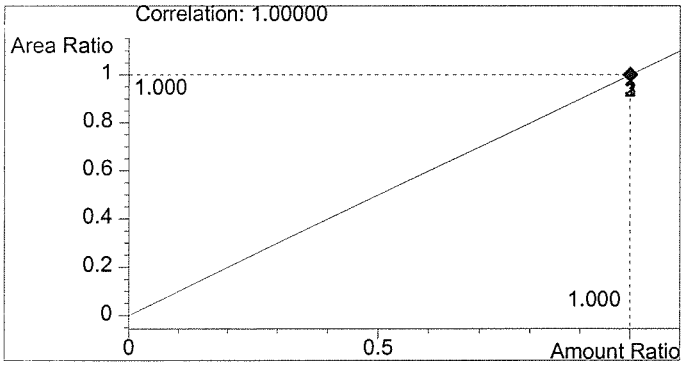


#	Compound	Area	RT
1	Ethanol	1525	1.057
2	n-Propanol	3307	1.846

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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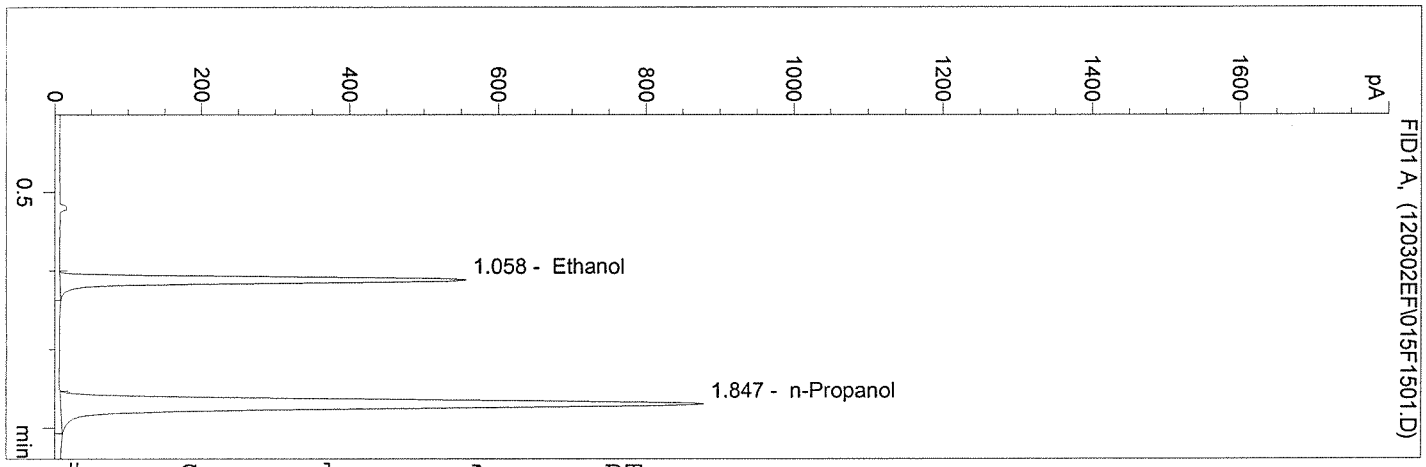
Instrument 2
DB-ALC1

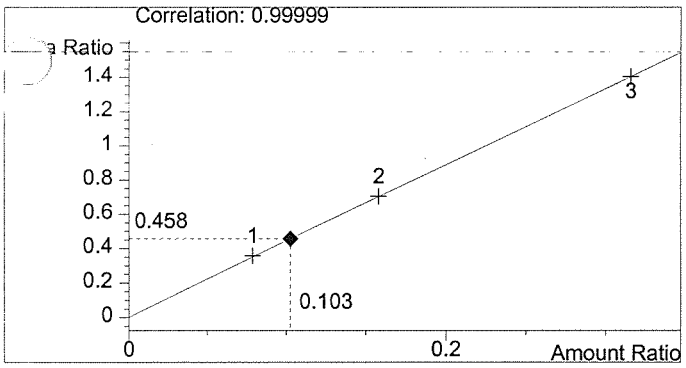
02044 SIM
MARY WILSON

vial # 15

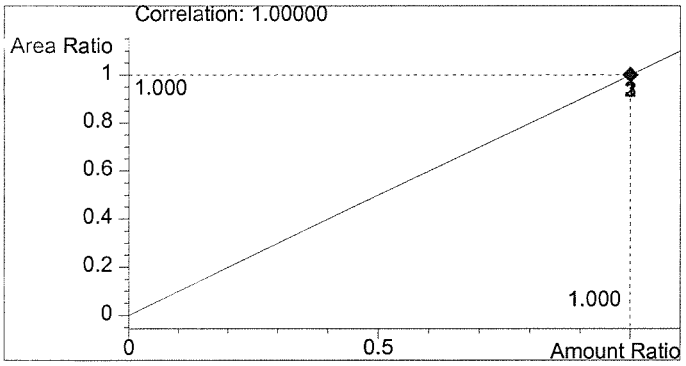


#	Compound	Area	RT
1	Ethanol	1561	1.058
2	n-Propanol	3408	1.847

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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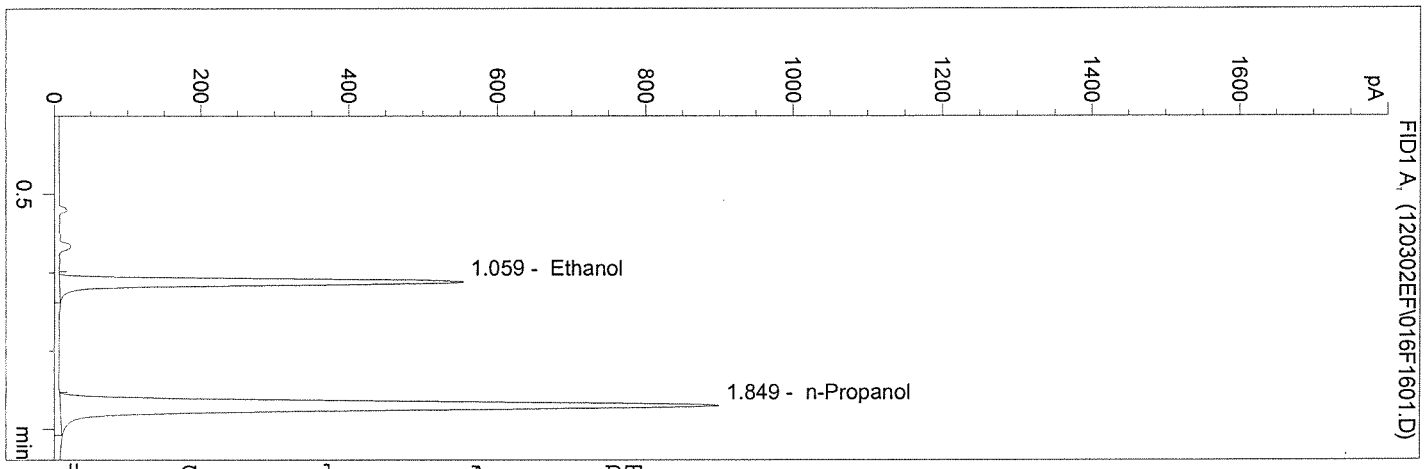
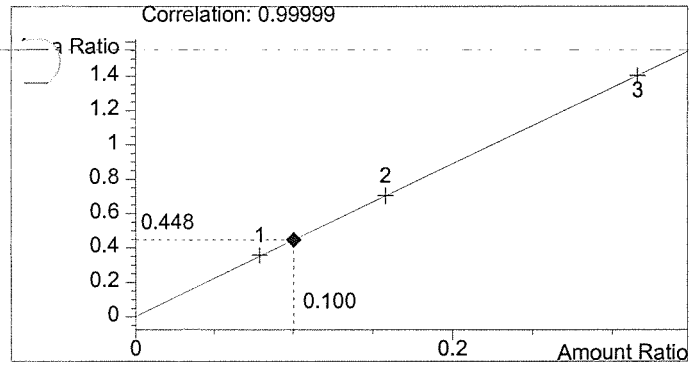
Instrument 2 MARY WILSON
DB-ALC1

vial # 16

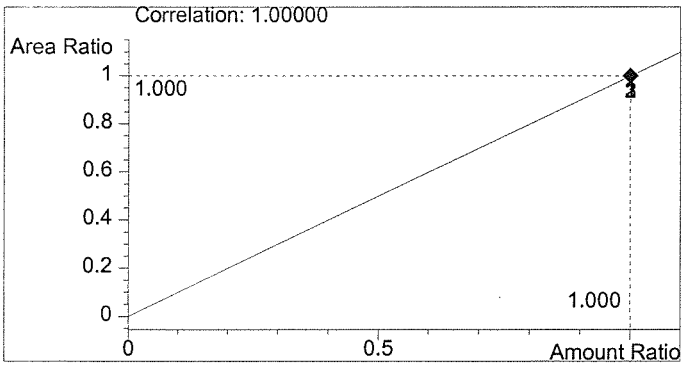


#	Compound	Area	RT
1	Ethanol	1575	1.059
2	n-Propanol	3515	1.849

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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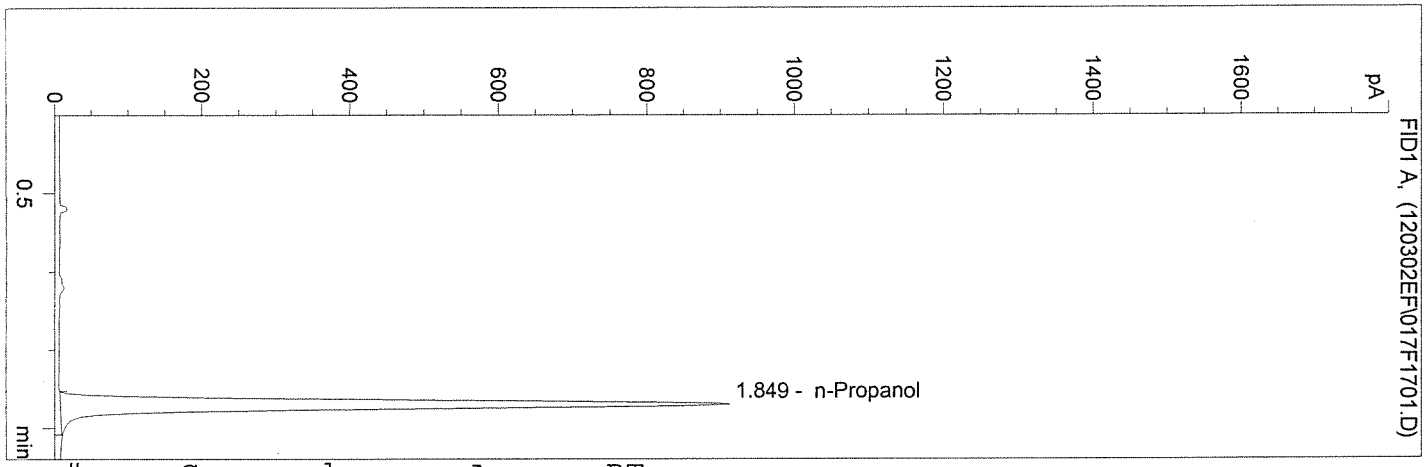
Instrument 2
DB-ALC1

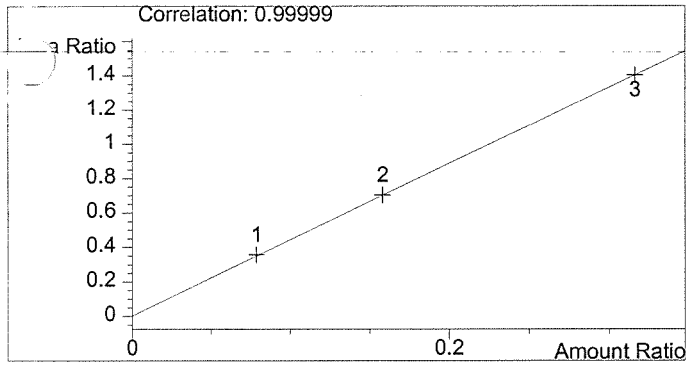
BLANK
MARY WILSON

vial # 17

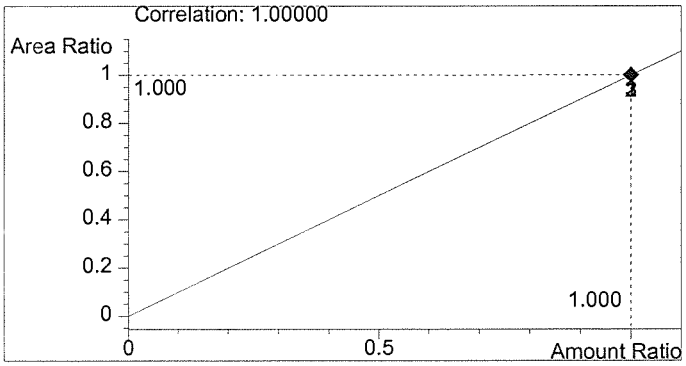


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3534	1.849

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

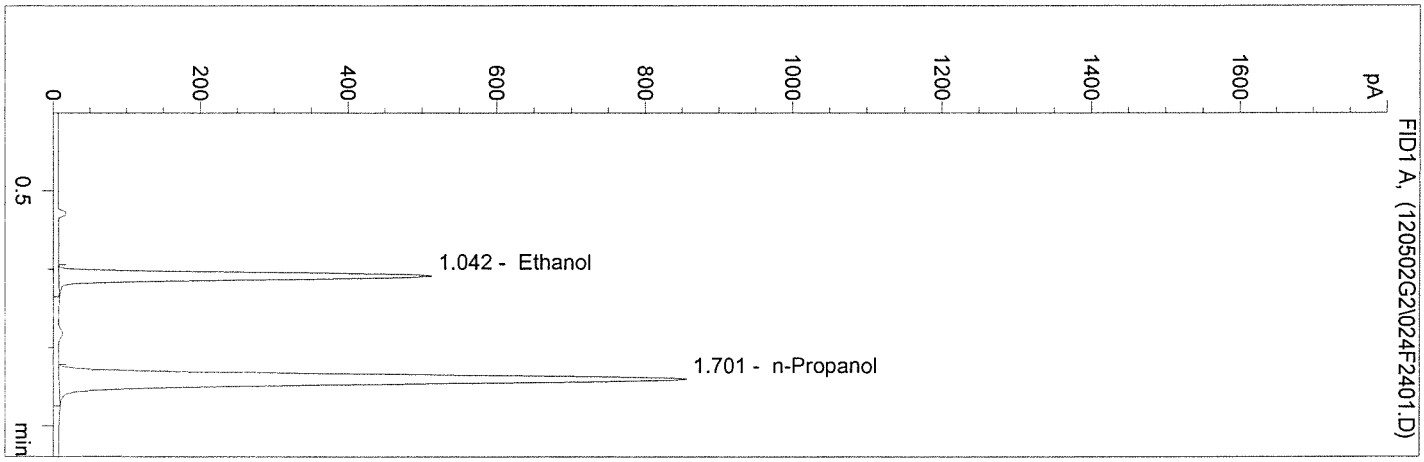
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
12/5/02 6:18:08 PM
Instrument 1
B-ALC1

Cal 027256

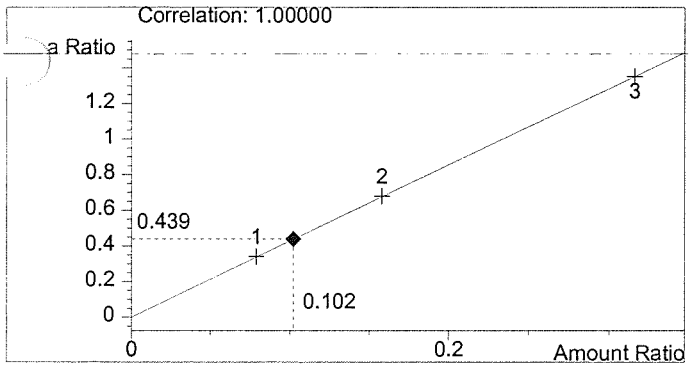
0.08SSOL 02044
GENE SCHWILKE

vial # 24

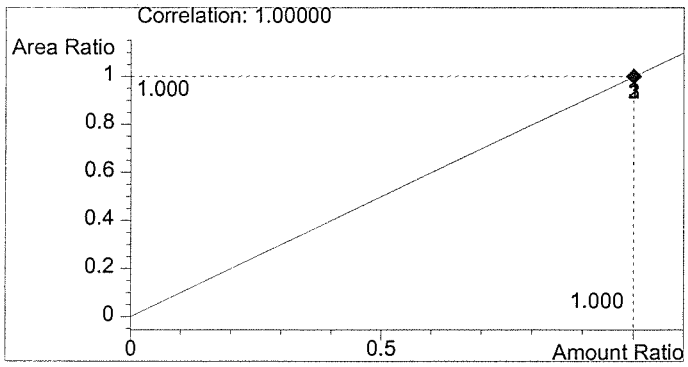


#	Compound	Area	RT
1	Ethanol	1591	1.042
2	n-Propanol	3623	1.701

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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12/5/02 6:21:28 PM
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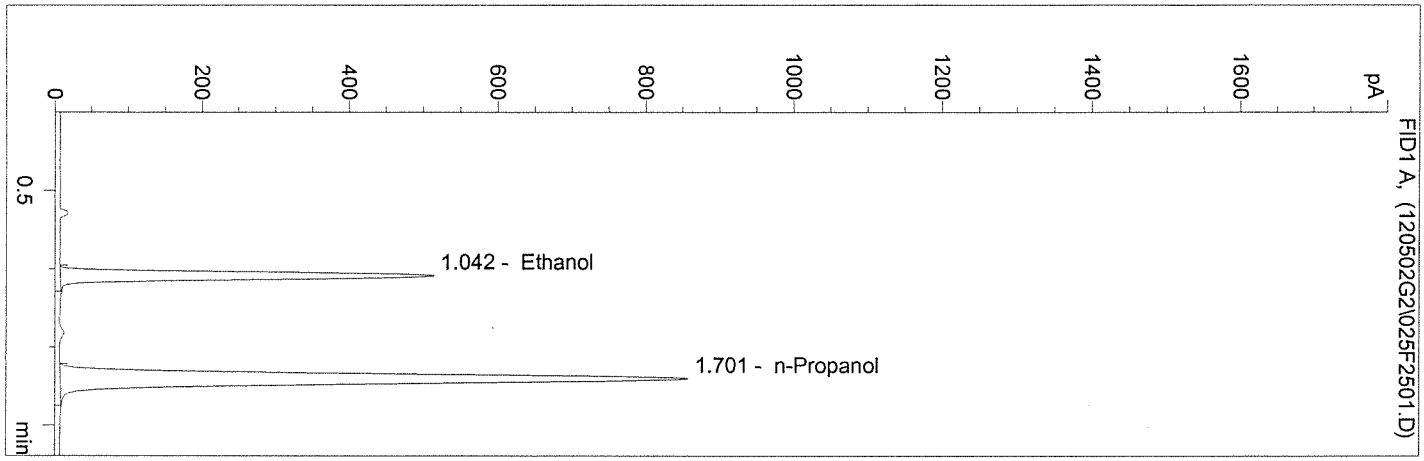
DB-ALC1

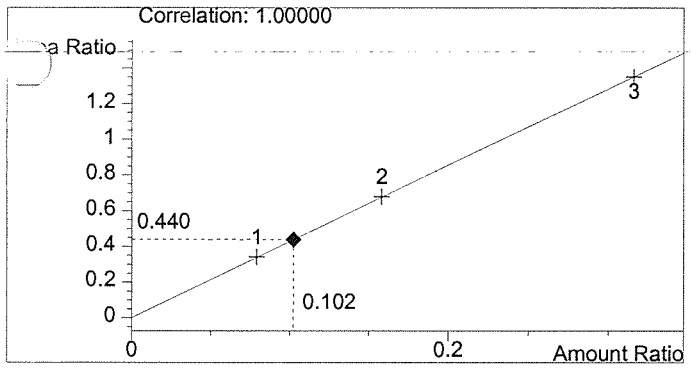
0.08SSOL 02044
GENE SCHWILKE

vial # 25

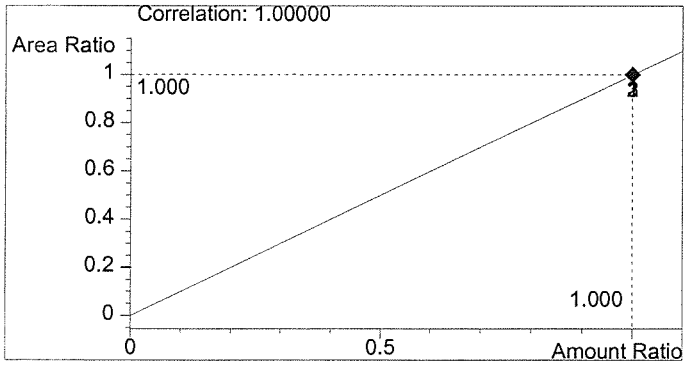


#	Compound	Area	RT
1	Ethanol	1599	1.042
2	n-Propanol	3636	1.701

Totals:



Ethanol 0.102 g/100ml



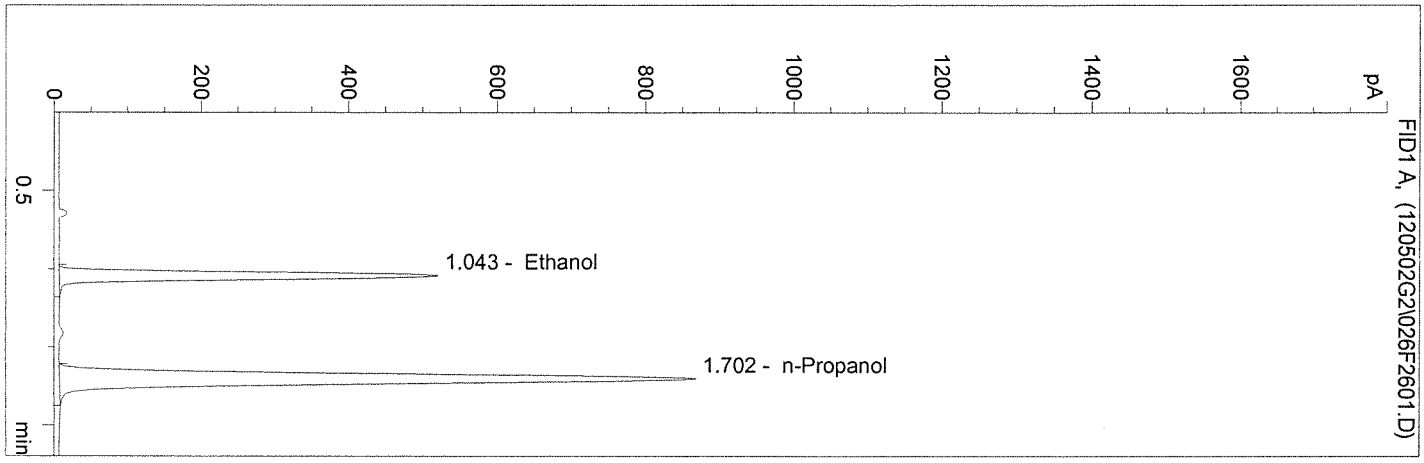
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
12/5/02 6:24:30 PM
Instrument 1
DB-ALC1

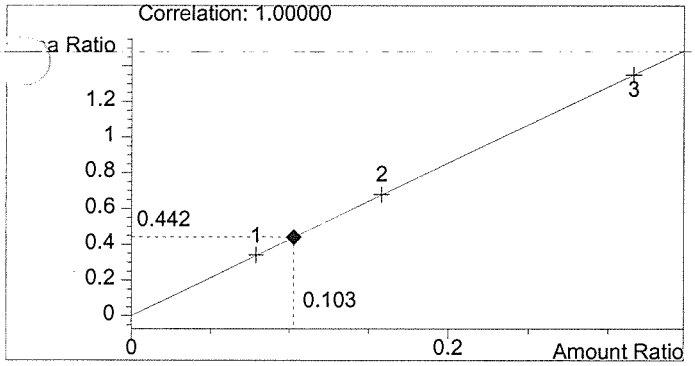
0.08SSOL 02044
GENE SCHWILKE

vial # 26

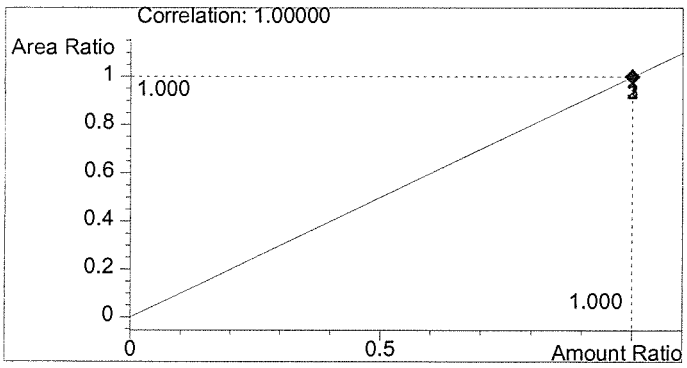


#	Compound	Area	RT
1	Ethanol	1626	1.043
2	n-Propanol	3679	1.702

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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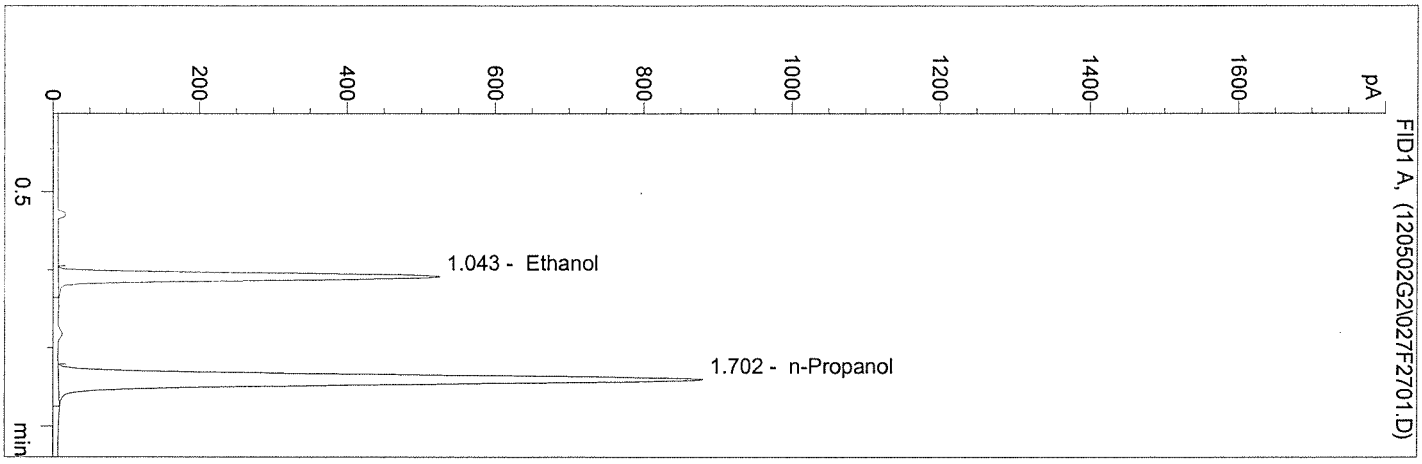
12/5/02 6:27:31 PM
Instrument 1
DB-ALC1

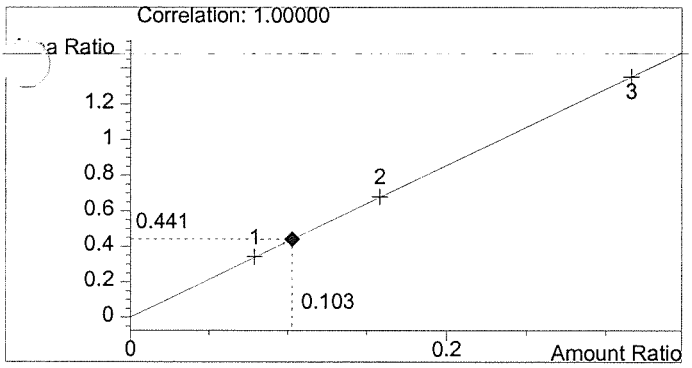
0.08SSOL 02044
GENE SCHWILKE

vial # 27

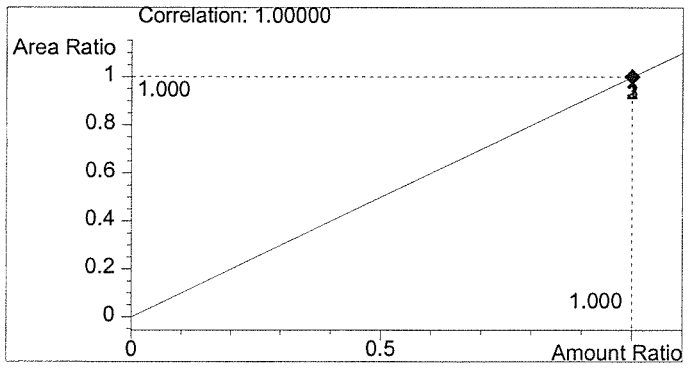


#	Compound	Area	RT
1	Ethanol	1651	1.043
2	n-Propanol	3741	1.702

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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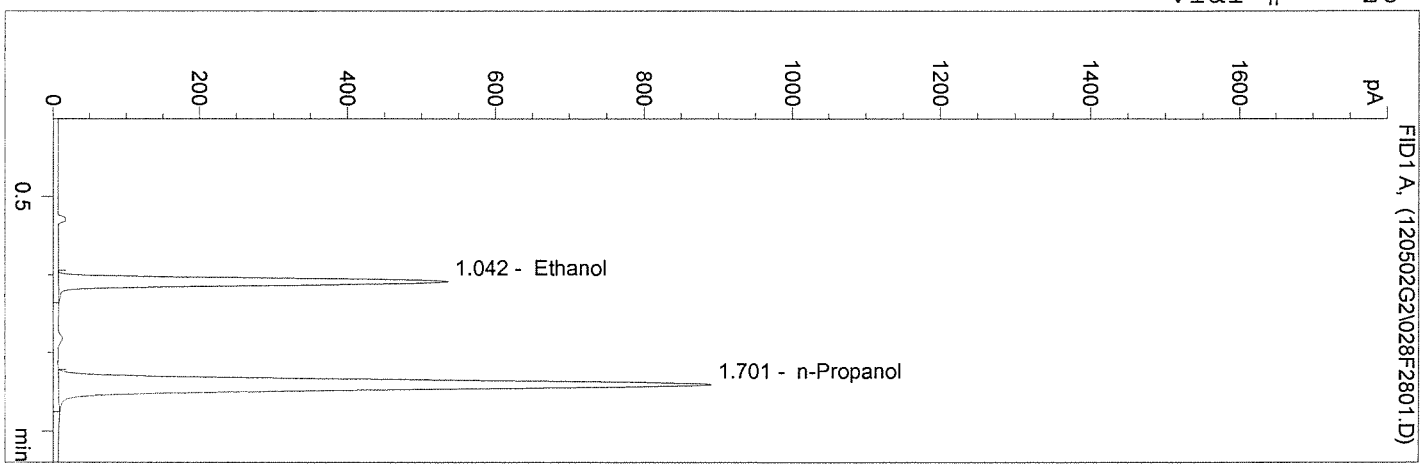
12/5/02 6:30:33 PM
Instrument 1
DB-ALC1

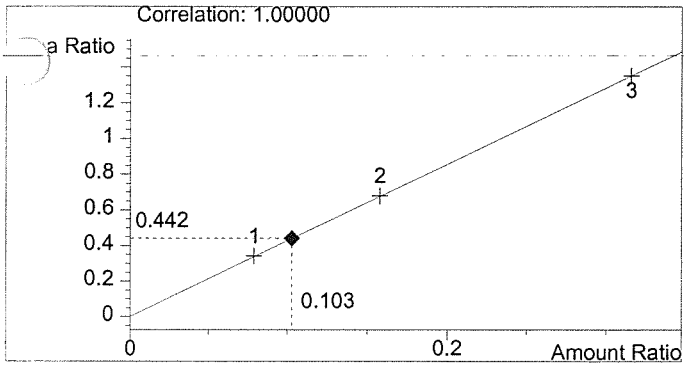
0.08SSOL 02044
GENE SCHWILKE

vial # 28

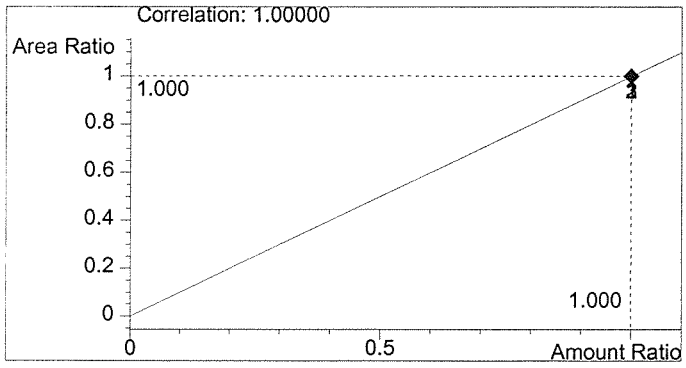


#	Compound	Area	RT
1	Ethanol	1671	1.042
2	n-Propanol	3784	1.701

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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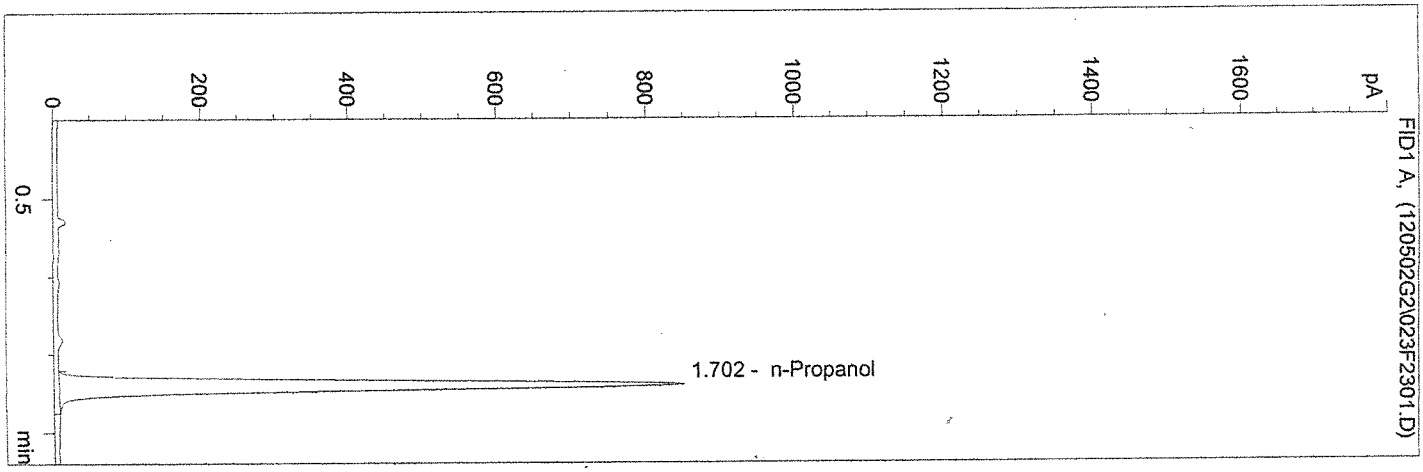
Instrument 1
DB-ALC1

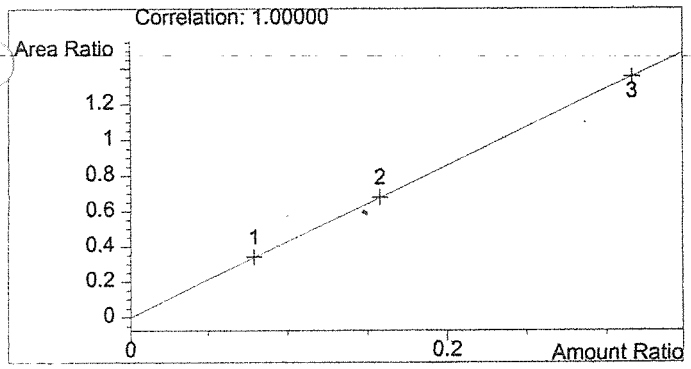
BLANK
GENE SCHWILKE

vial # 23

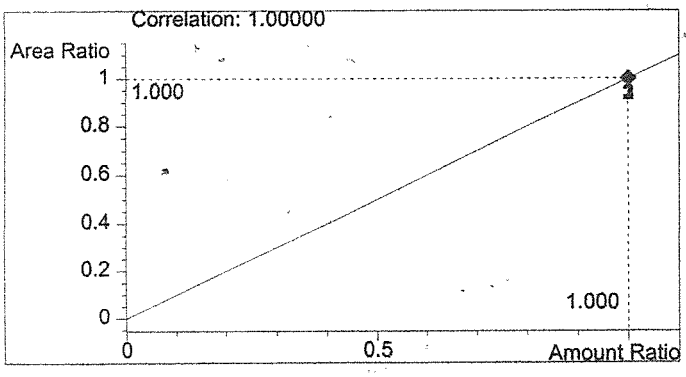


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3617	1.702

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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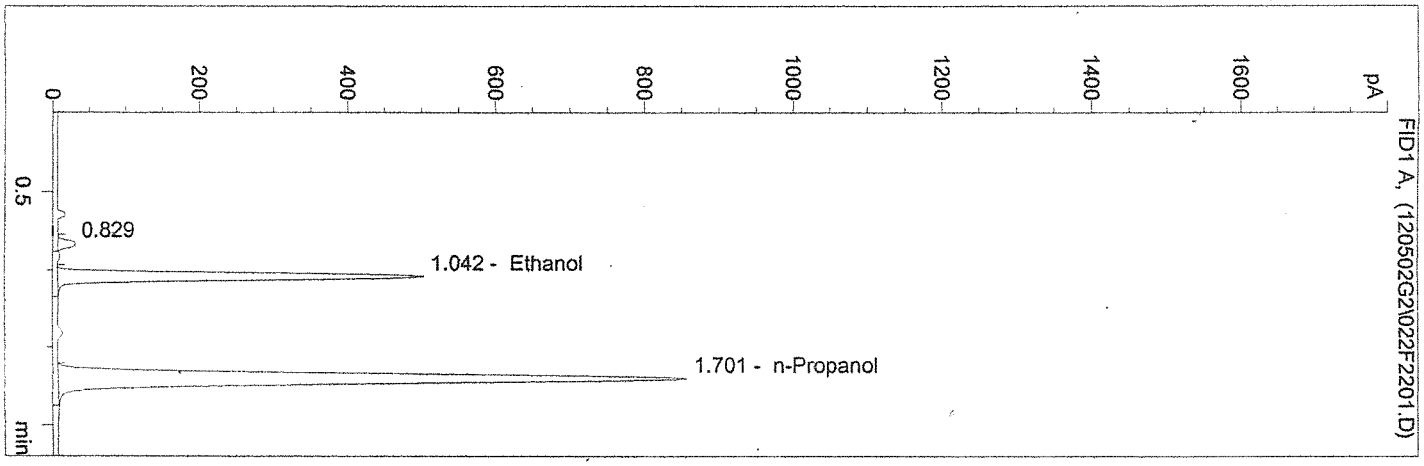
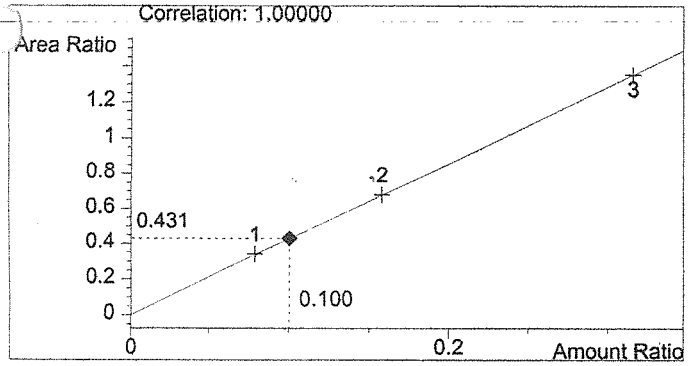
Instrument 1
DB-ALC1

CAP 0.100
GENE SCHWILKE

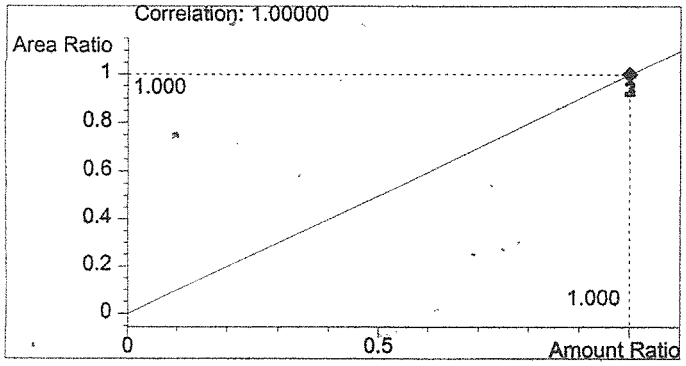
vial # 22



#	Compound	Area	RT
1		76	0.829
2	Ethanol	1564	1.042
3	n-Propanol	3628	1.701
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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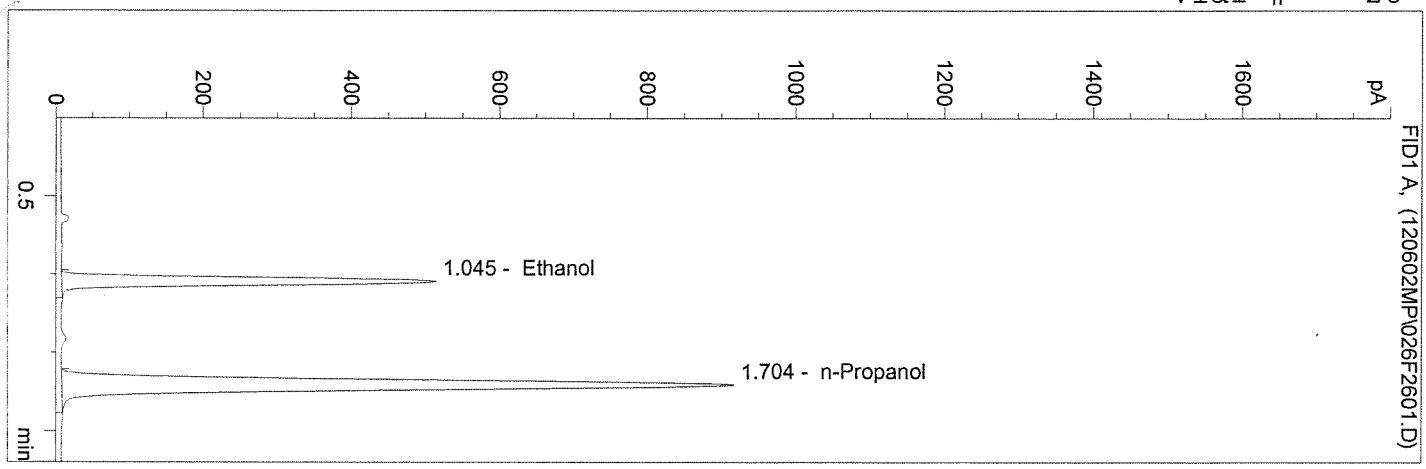
Instrument 1
D[illegible]-ALC1

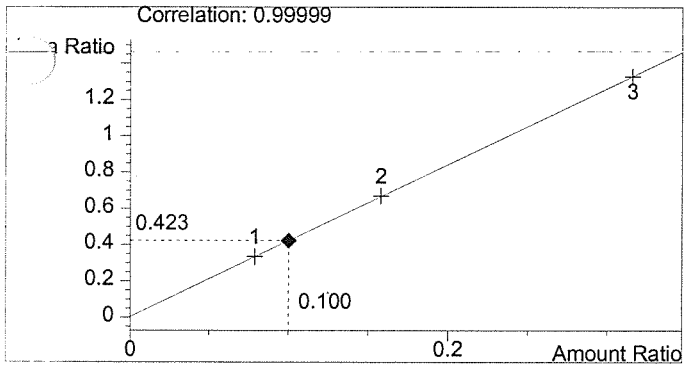
02044 SIM SOLN
M PEMBERTON

vial # 26

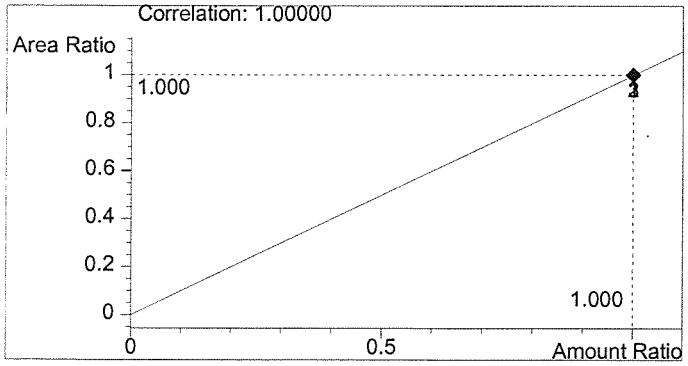


#	Compound	Area	RT
1	Ethanol	1669	1.045
2	n-Propanol	3948	1.704

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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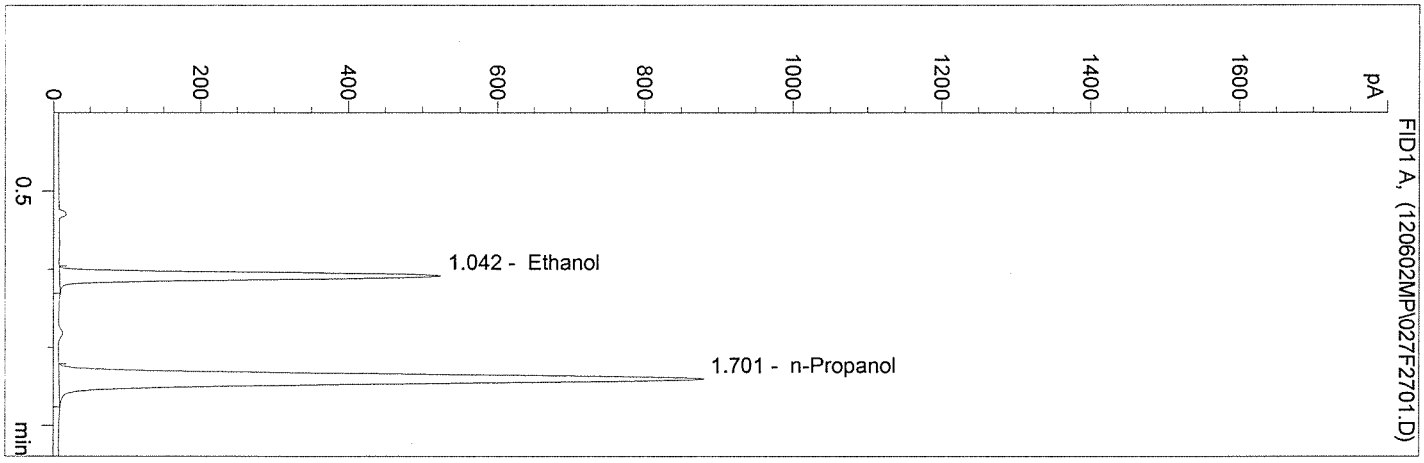
12/6/02 3:07:59 PM
Instrument 1
DB-ALC1

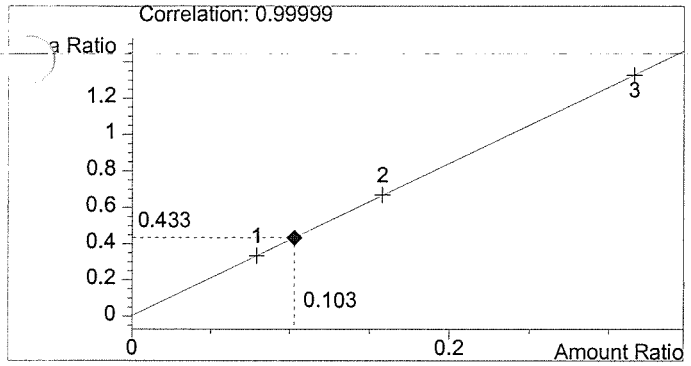
02044 SIM SOLN
M PEMBERTON

vial # 27

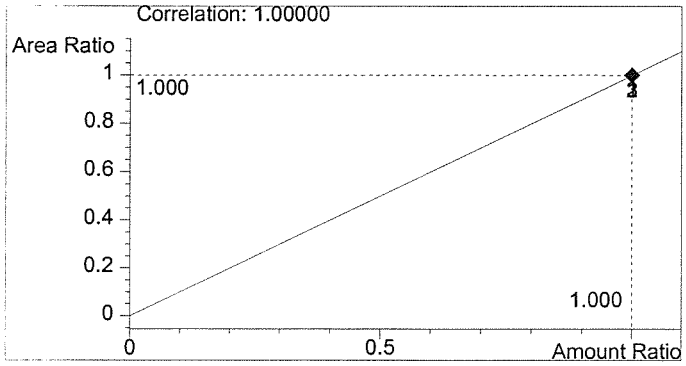


#	Compound	Area	RT
1	Ethanol	1614	1.042
2	n-Propanol	3722	1.701

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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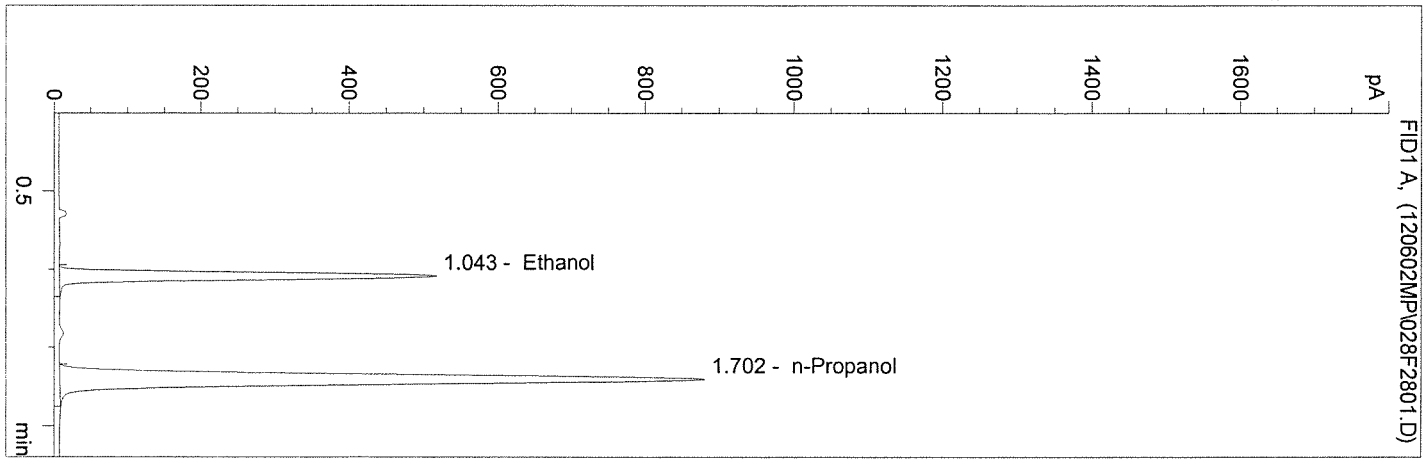
Instrument 1
DB-ALC1

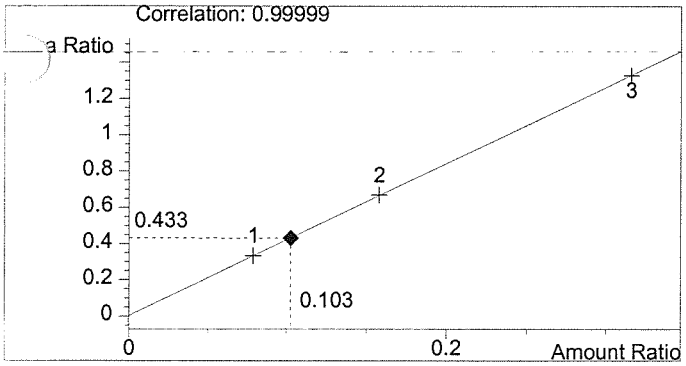
02044 SIM SOLN
M PEMBERTON

vial # 28

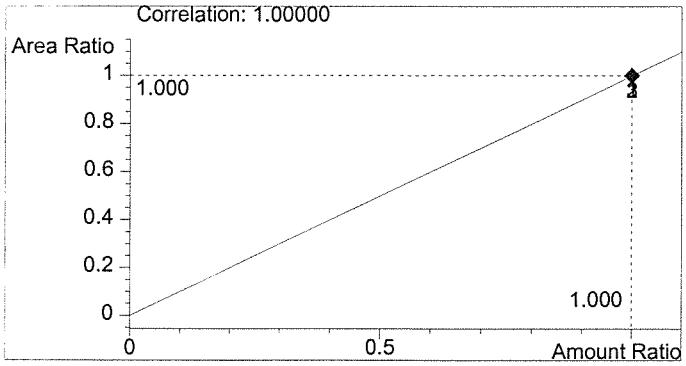


#	Compound	Area	RT
1	Ethanol	1613	1.043
2	n-Propanol	3728	1.702

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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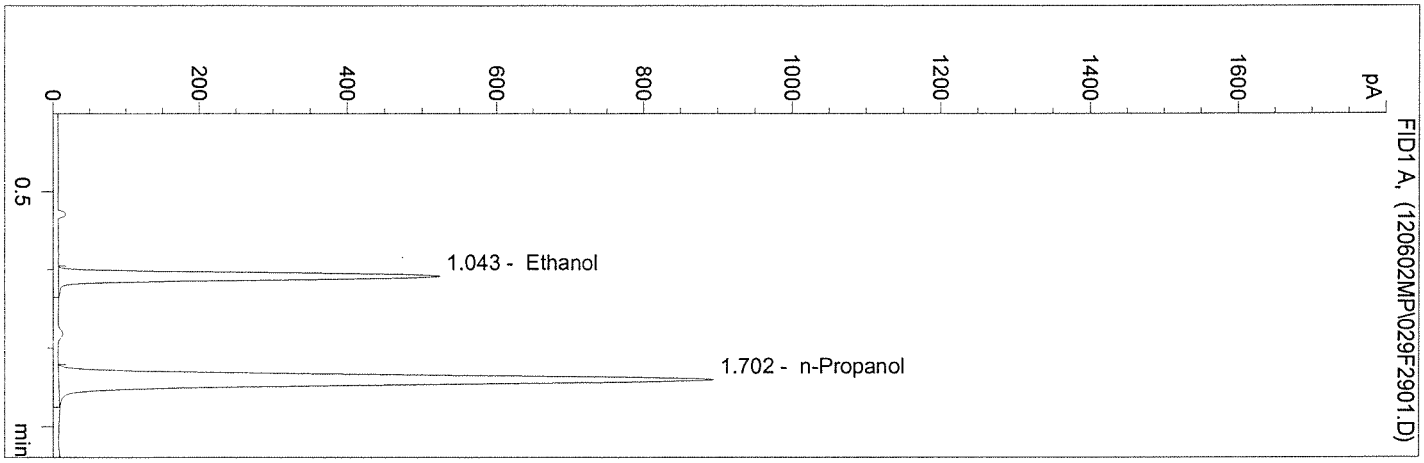
12/6/02 3:14:26 PM
Instrument 1
DB-ALC1

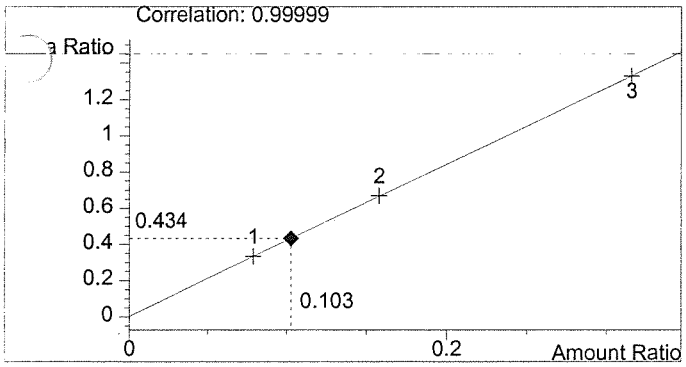
02044 SIM SOLN
M PEMBERTON

vial # 29

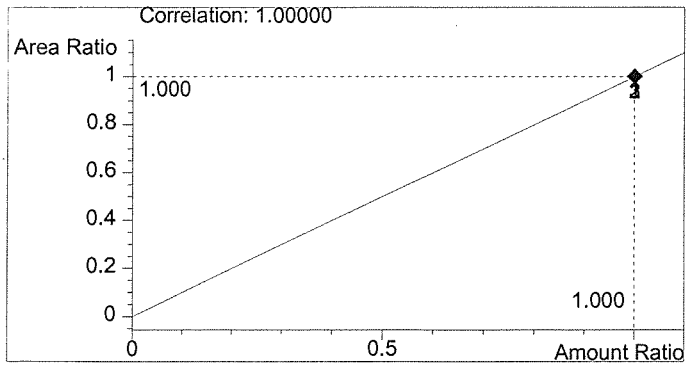


#	Compound	Area	RT
1	Ethanol	1644	1.043
2	n-Propanol	3789	1.702

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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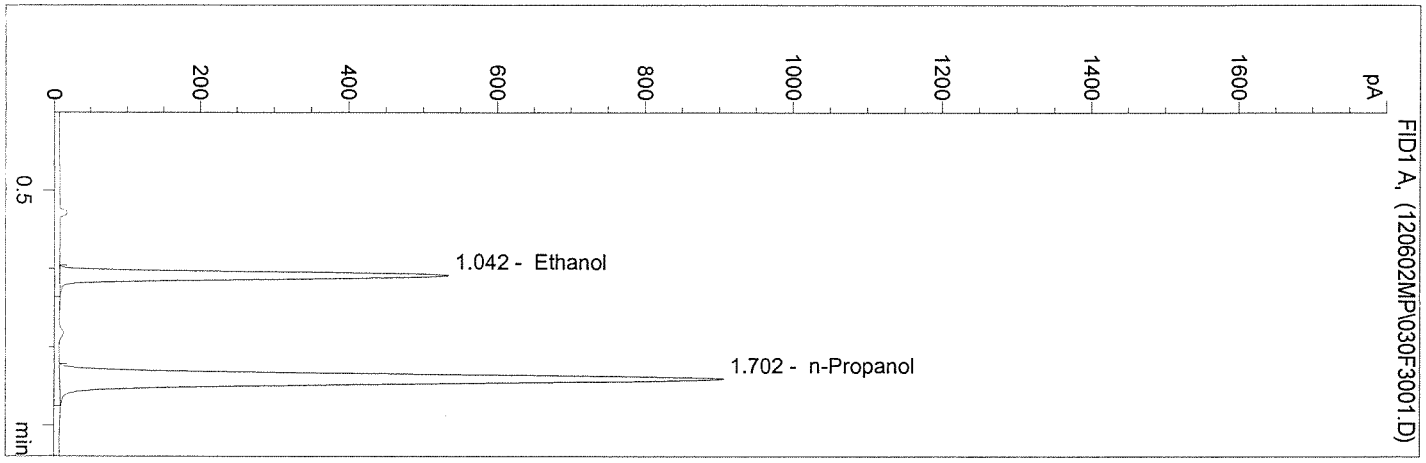
Instrument 1
-ALC1

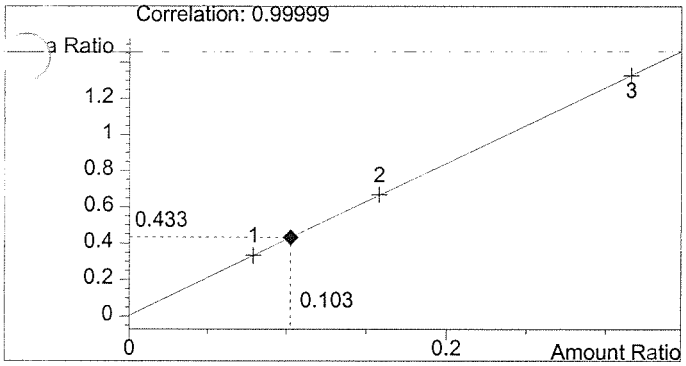
02044 SIM SOLN
M PEMBERTON

vial # 30

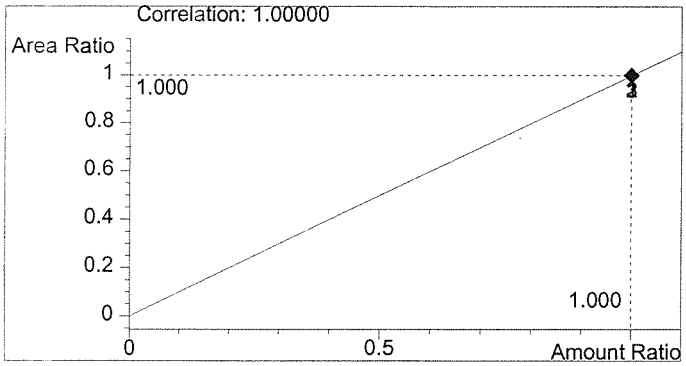


#	Compound	Area	RT
1	Ethanol	1661	1.042
2	n-Propanol	3832	1.702

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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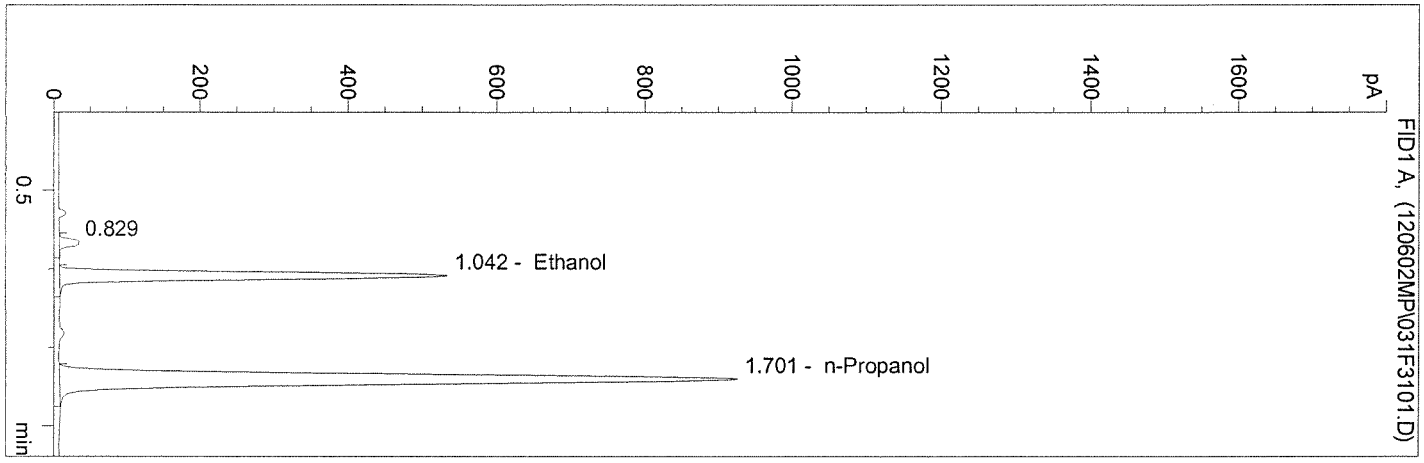
12/6/02 3:20:30 PM
Instrument 1
[illegible]-ALC1

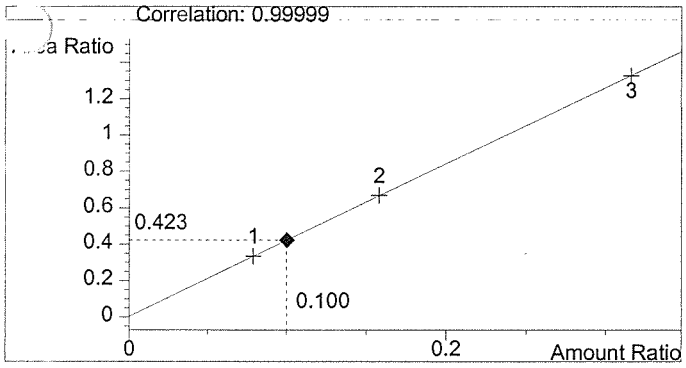
0.10 CONTROL
M PEMBERTON

vial # 31

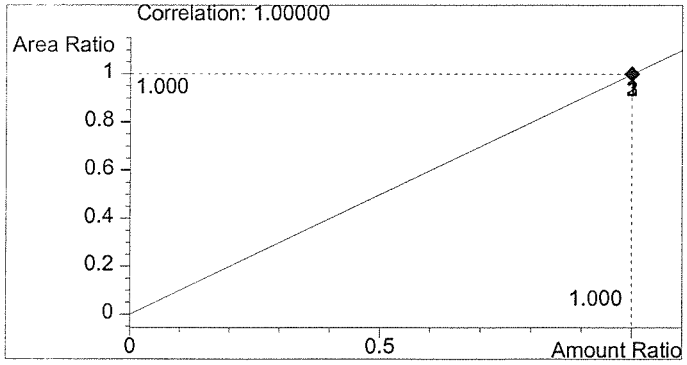


#	Compound	Area	RT
1		89	0.829
2	Ethanol	1659	1.042
3	n-Propanol	3920	1.701

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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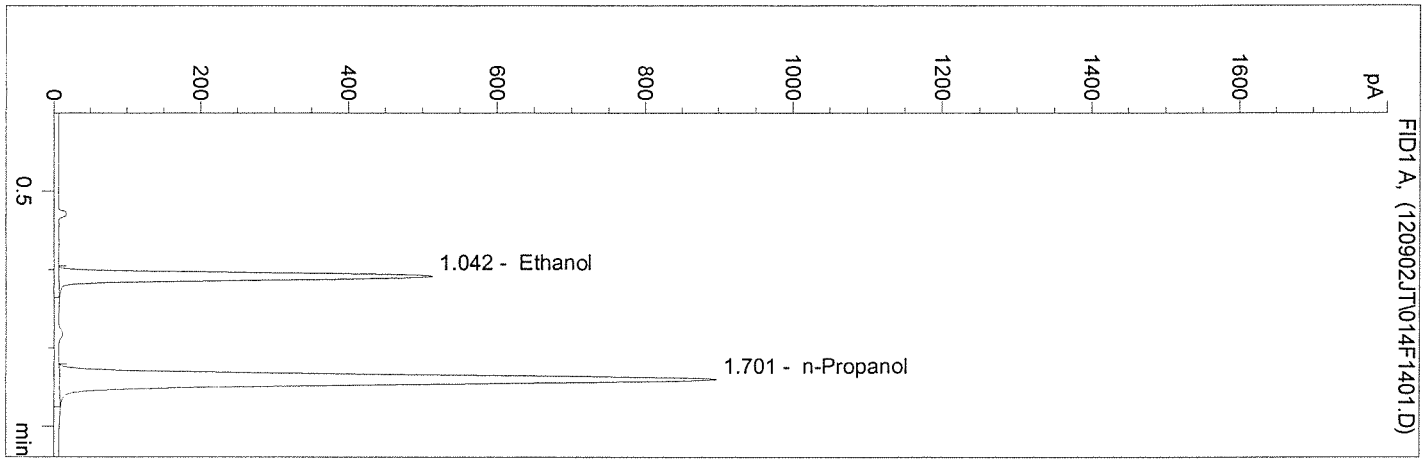
12/9/02 9:27:20 AM
Instrument 1
DB-ALC1

STDS IN
ST 027337

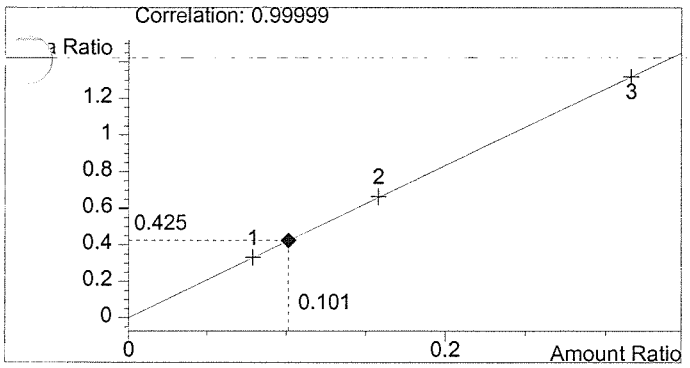
02044-SIMSOLN
JAYNE THATCHER

vial # 14

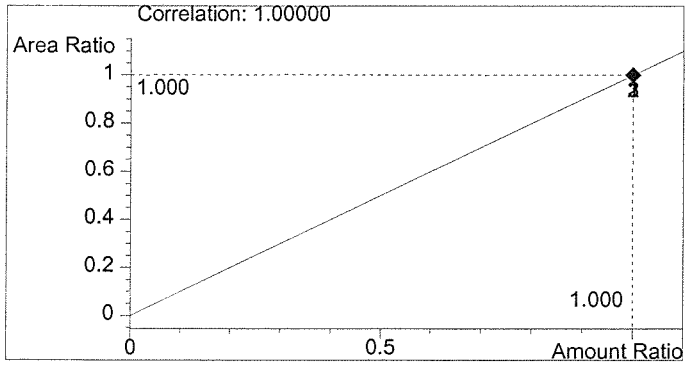


#	Compound	Area	RT
1	Ethanol	1616	1.042
2	n-Propanol	3805	1.701

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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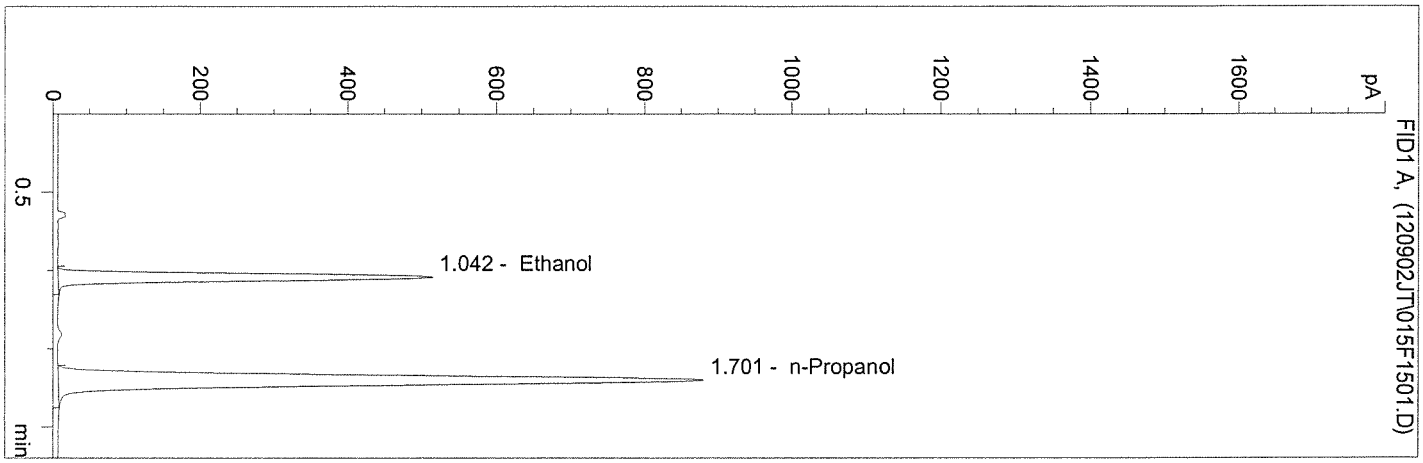
12/9/02 9:30:22 AM
Instrument 1
DB-ALC1

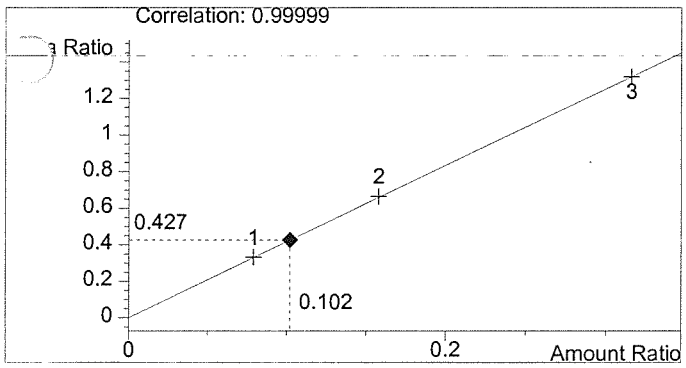
02044-SIMSOLN
JAYNE THATCHER

vial # 15

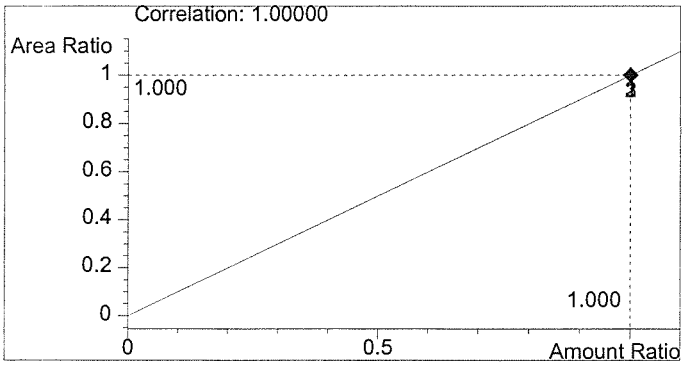


#	Compound	Area	RT
1	Ethanol	1590	1.042
2	n-Propanol	3725	1.701

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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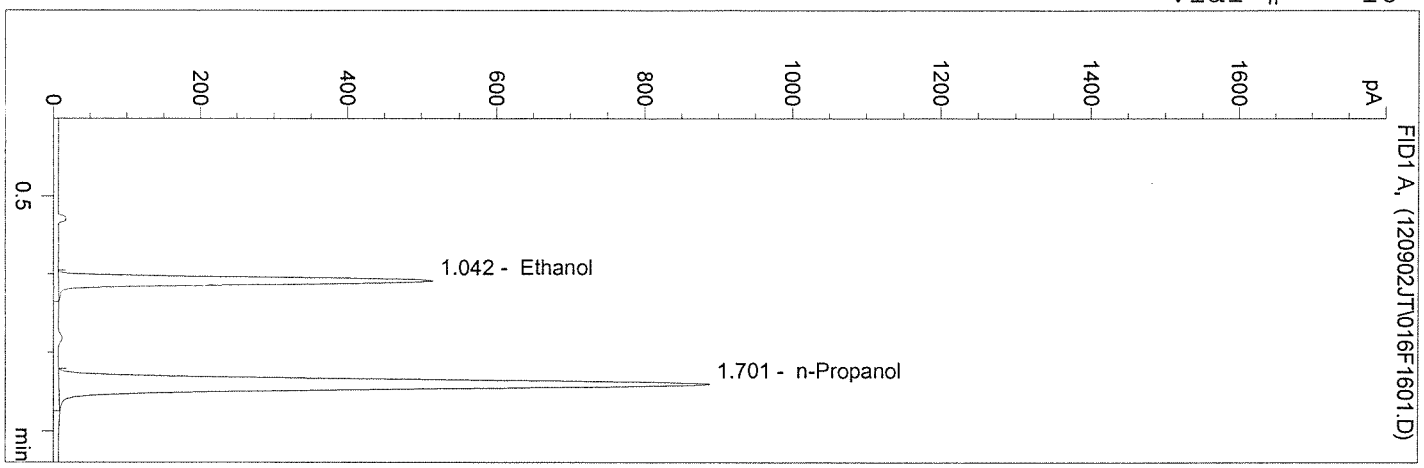
12/9/02 9:33:24 AM
Instrument 1
DB-ALC1

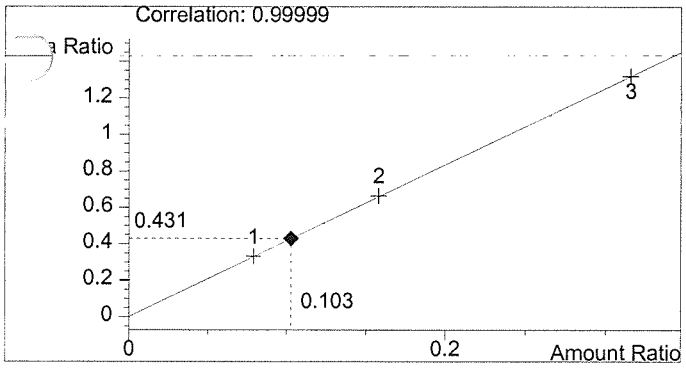
02044-SIMSOLN
JAYNE THATCHER

vial # 16

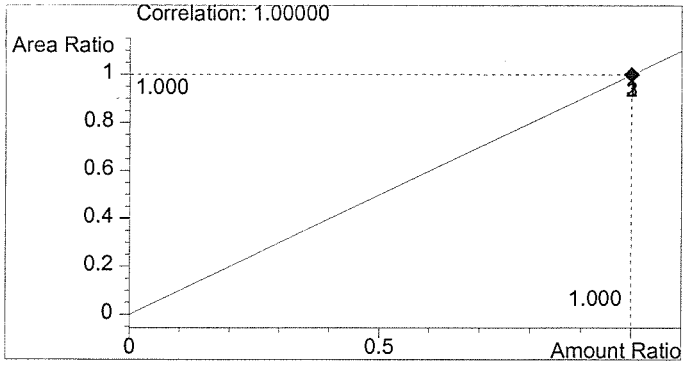


#	Compound	Area	RT
1	Ethanol	1621	1.042
2	n-Propanol	3764	1.701

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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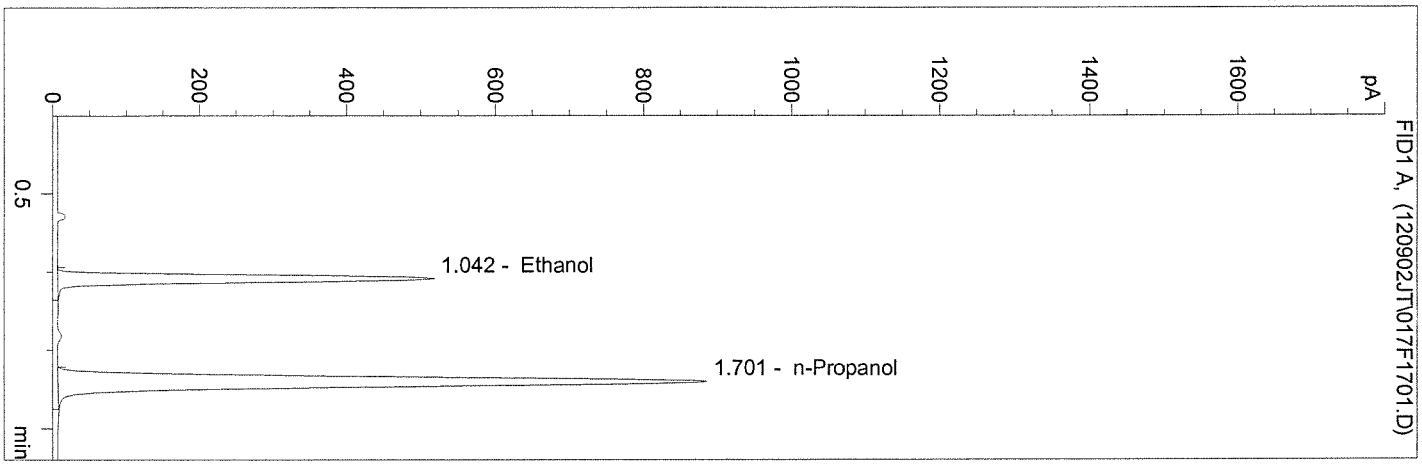
12/9/02 9:36:38 AM
Instrument 1
DB-ALC1

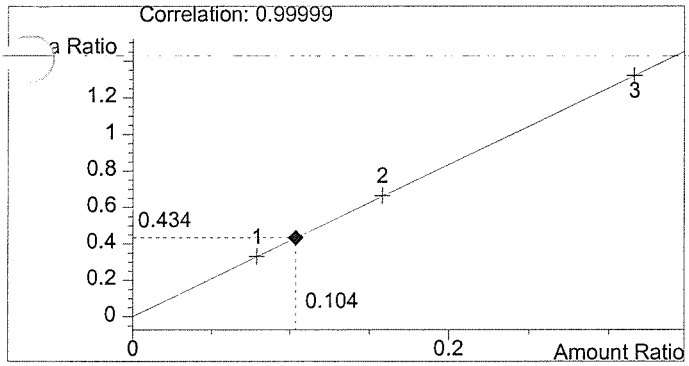
02044-SIMSOLN
JAYNE THATCHER

vial # 17

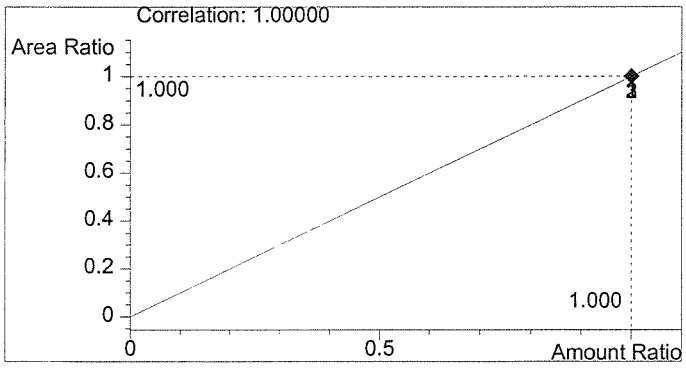


#	Compound	Area	RT
1	Ethanol	1632	1.042
2	n-Propanol	3762	1.701

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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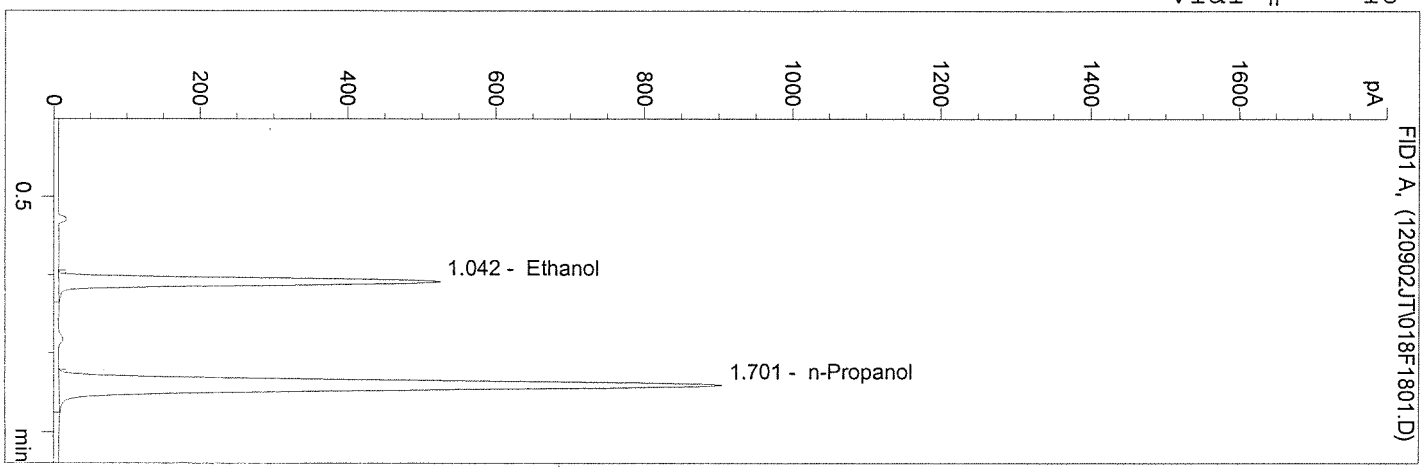
12/9/02 9:39:40 AM
Instrument 1
DB-ALC1

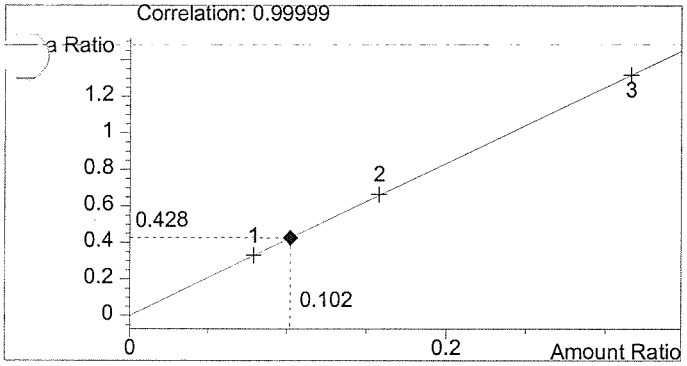
02044-SIMSOLN
JAYNE THATCHER

vial # 18

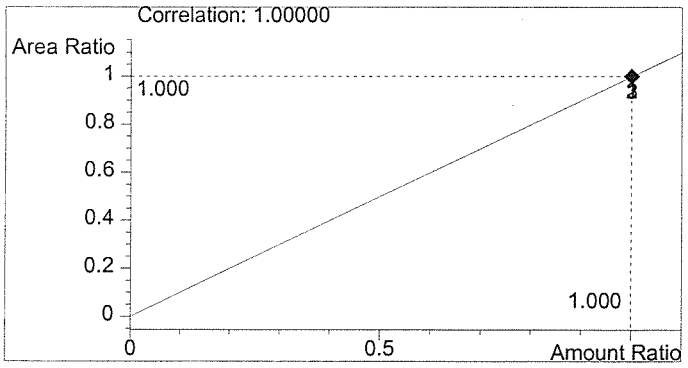


#	Compound	Area	RT
1	Ethanol	1639	1.042
2	n-Propanol	3830	1.701

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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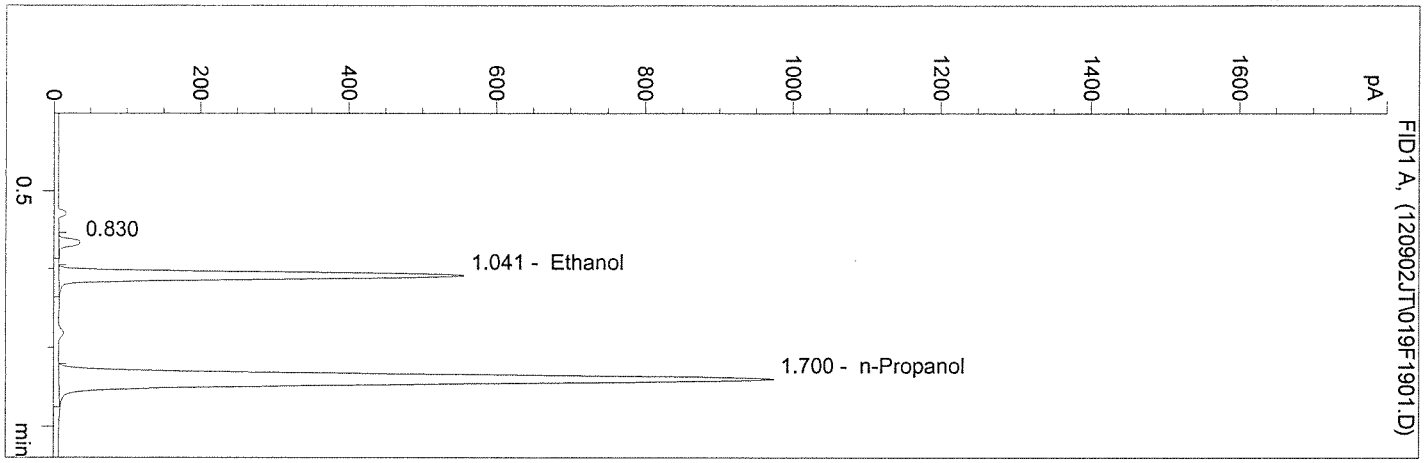
12/9/02 9:42:41 AM
Instrument 1
DB-ALC1

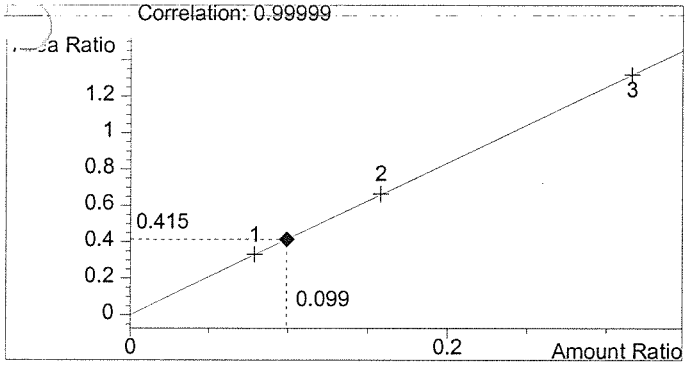
0.10 CONTROL
JAYNE THATCHER

vial # 19

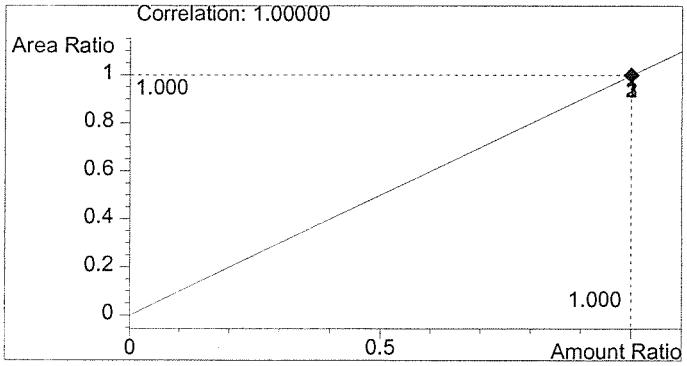


#	Compound	Area	RT
1		91	0.830
2	Ethanol	1704	1.041
3	n-Propanol	4104	1.700

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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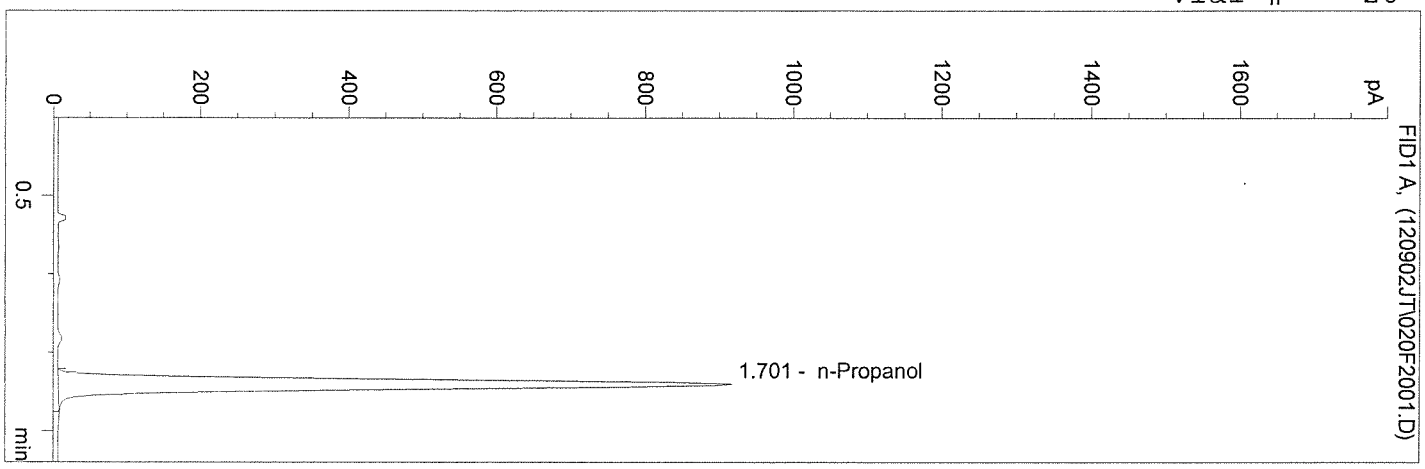
Instrument 1
DB-ALC1

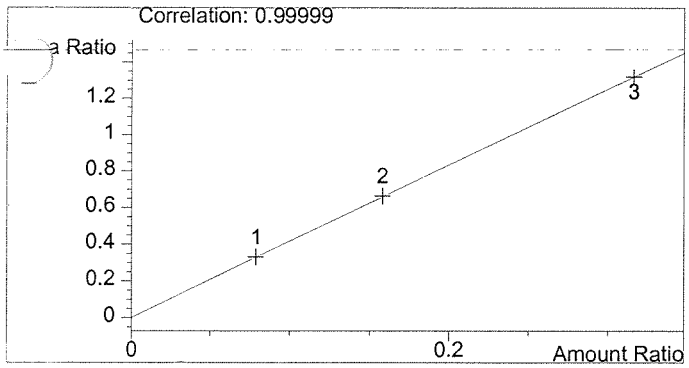
BLANK
JAYNE THATCHER

vial # 20

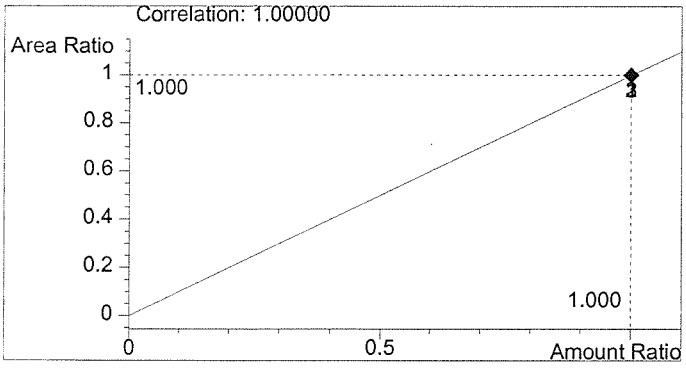


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3889	1.701

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

Cal. IN 02745 L

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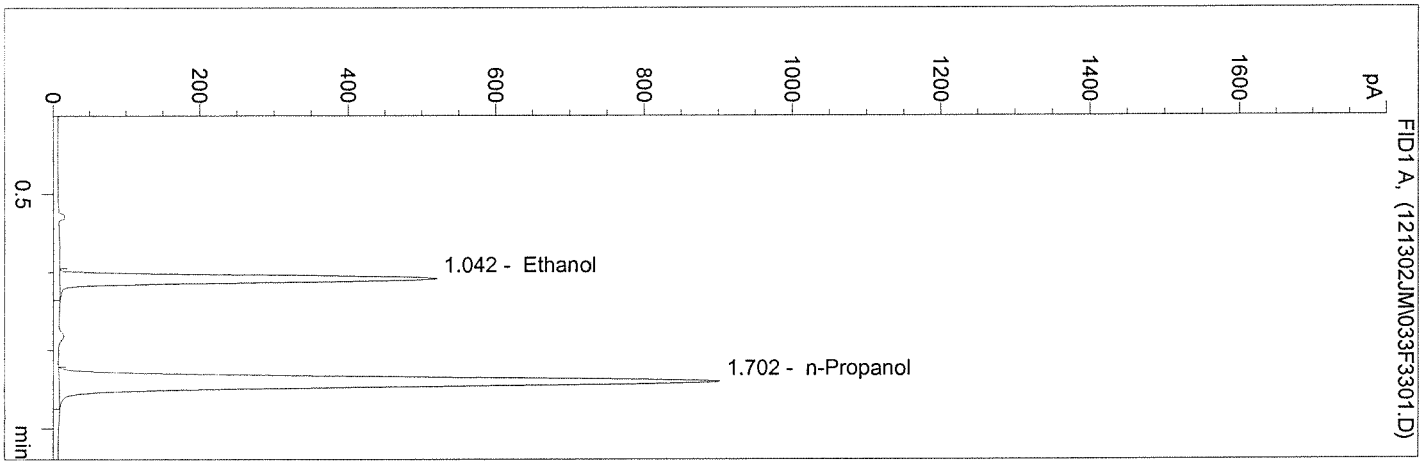
Instrument 1
DB-ALC1

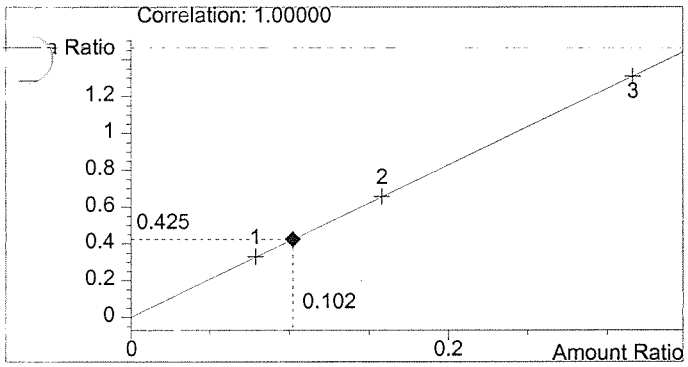
02044 Sim. Sol.
Estuardo J. Miranda

vial # 33

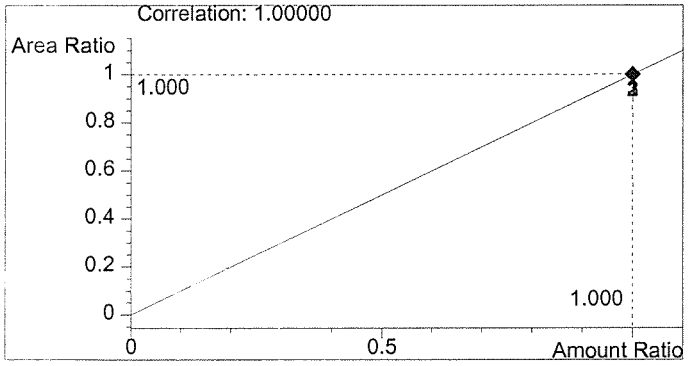


#	Compound	Area	RT
1	Ethanol	1619	1.042
2	n-Propanol	3814	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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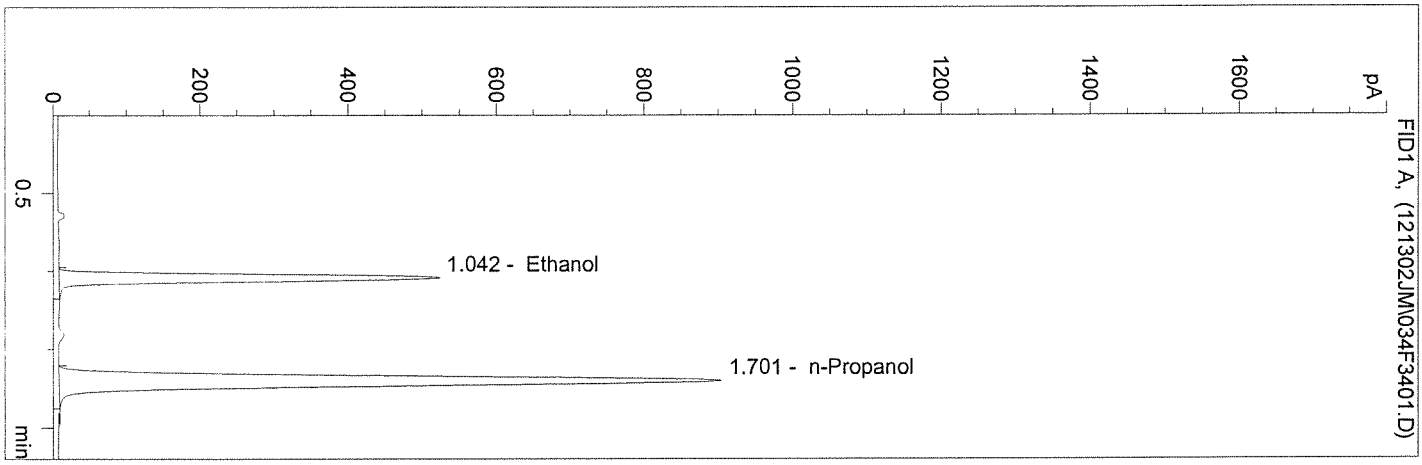
Instrument 1
DB-ALC1

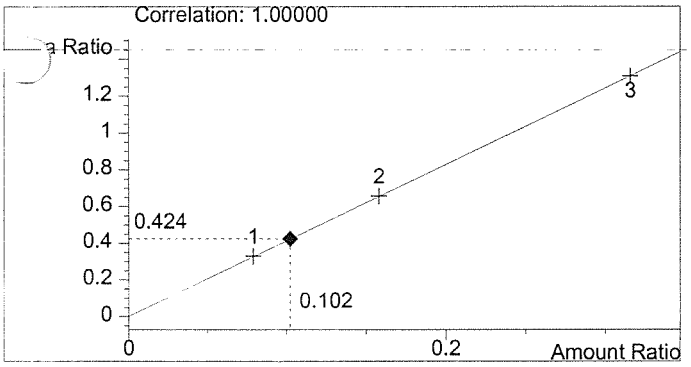
02044 Sim. Sol.
Estuardo J. Miranda

vial # 34

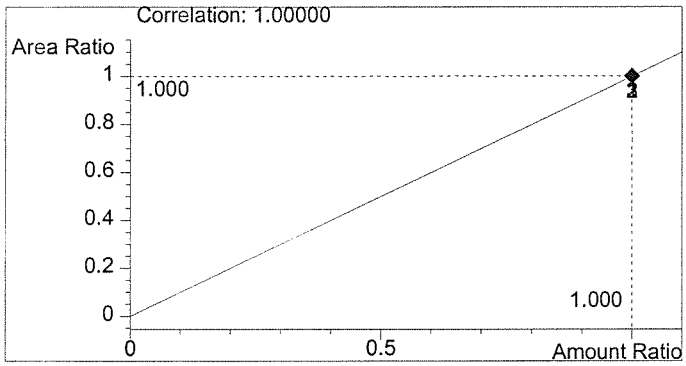


#	Compound	Area	RT
1	Ethanol	1618	1.042
2	n-Propanol	3812	1.701

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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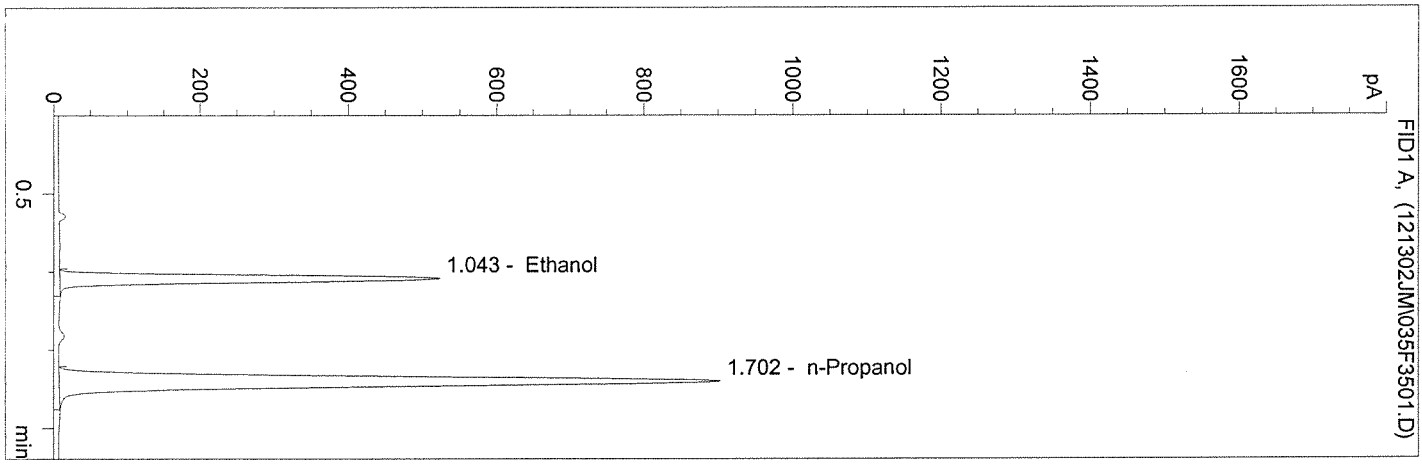
Instrument 1
DB-ALC1

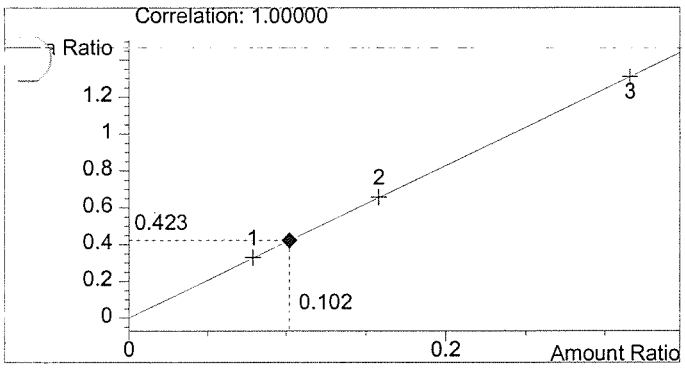
02044 Sim. Sol.
Estuardo J. Miranda

vial # 35

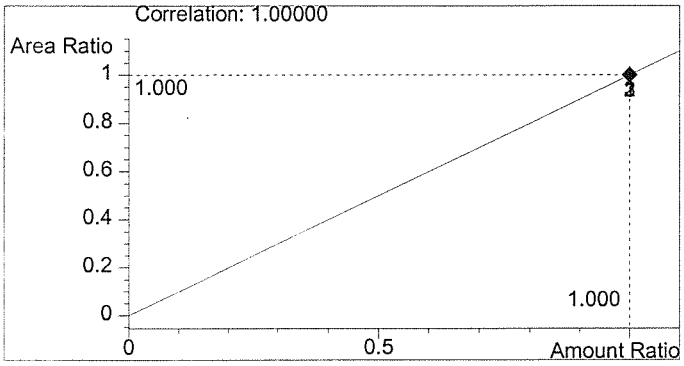


#	Compound	Area	RT
1	Ethanol	1612	1.043
2	n-Propanol	3807	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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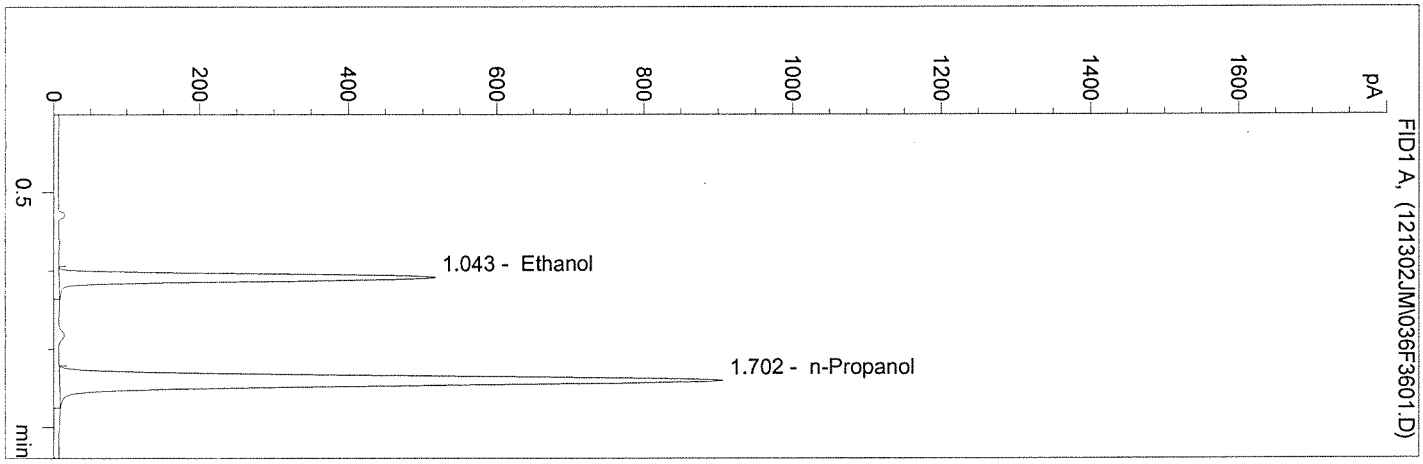
Instrument 1
DB-ALC1

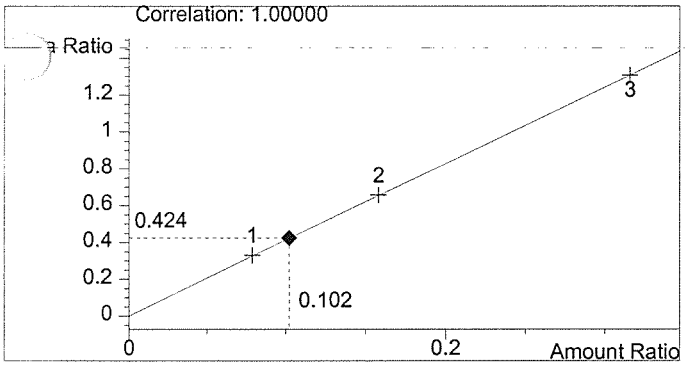
02044 Sim. Sol.
Estuardo J. Miranda

vial # 36

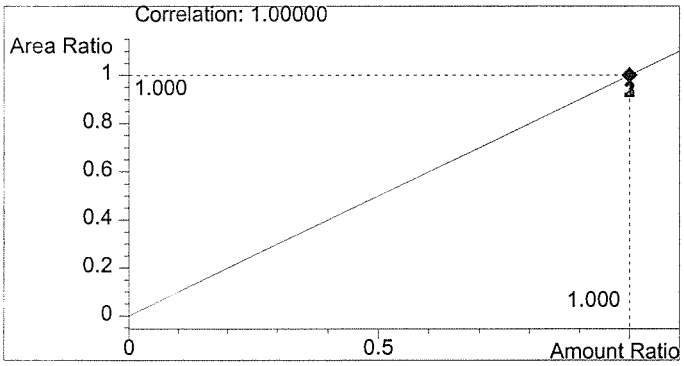


#	Compound	Area	RT
1	Ethanol	1632	1.043
2	n-Propanol	3845	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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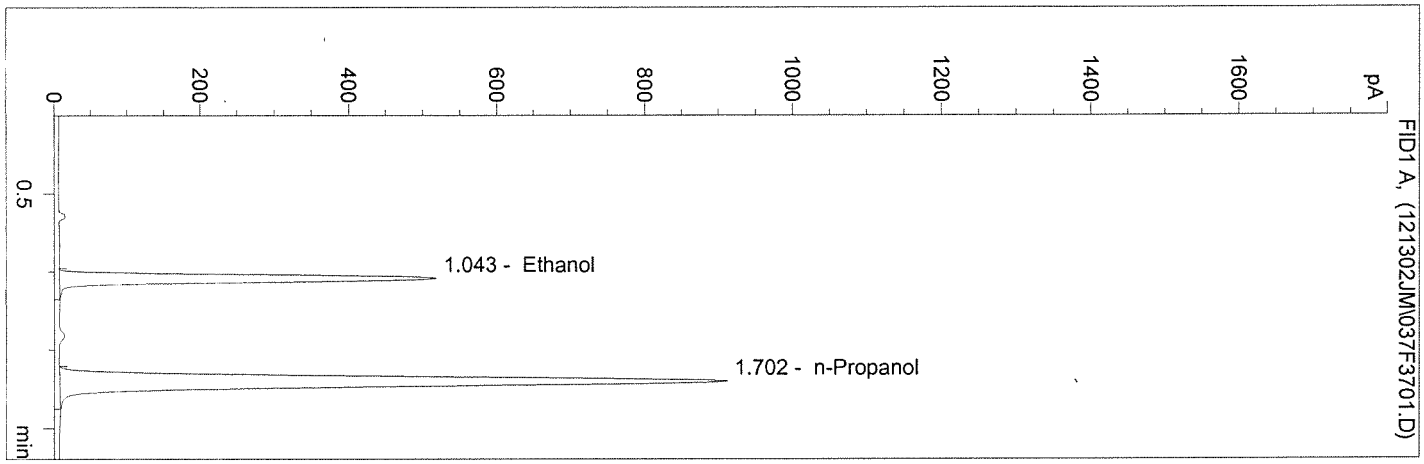
Instrument 1
DB-ALC1

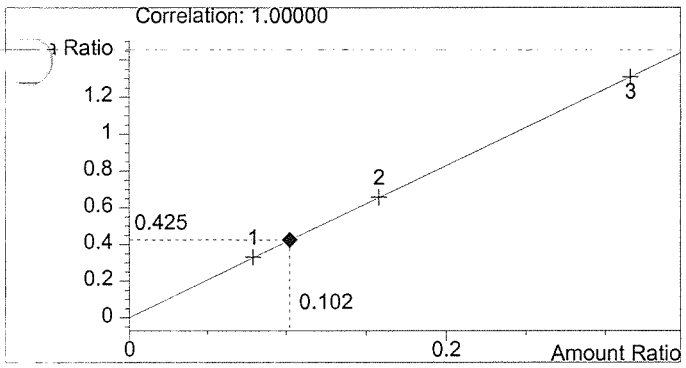
02044 Sim. Sol.
Estuardo J. Miranda

vial # 37

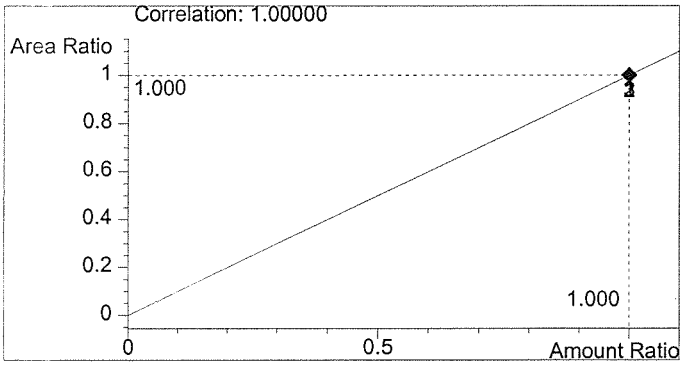


#	Compound	Area	RT
1	Ethanol	1644	1.043
2	n-Propanol	3871	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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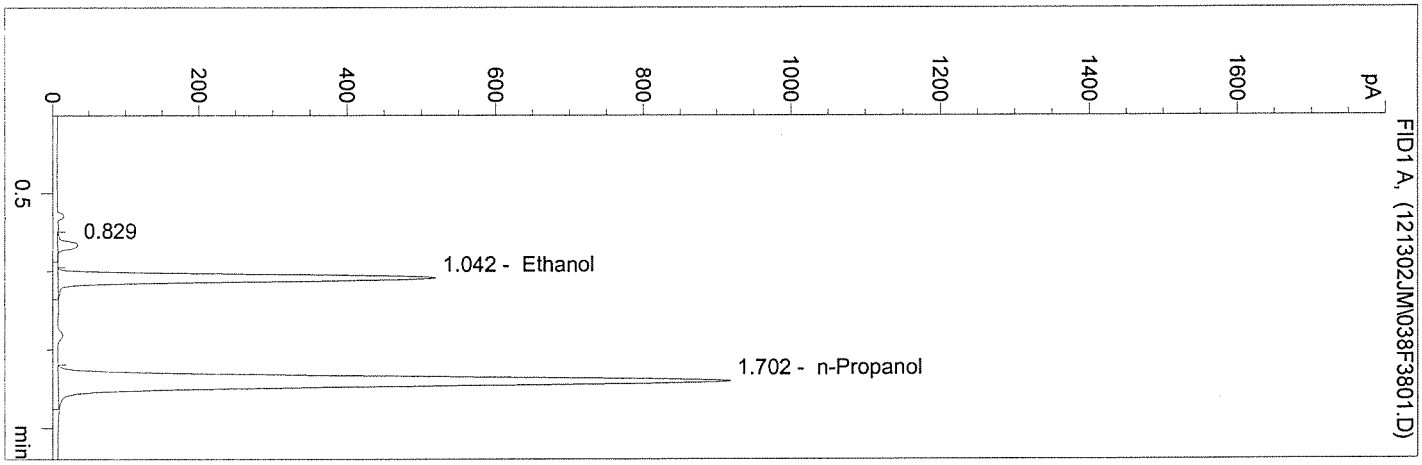
12/13/02 3:47:54 PM
Instrument 1
DB-ALC1

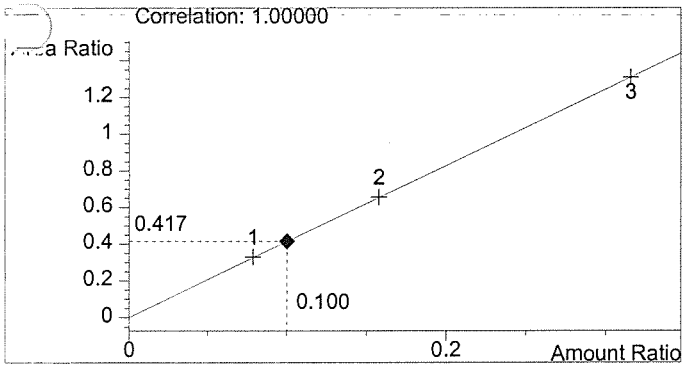
0.100 Control
Estuardo J. Miranda

vial # 38

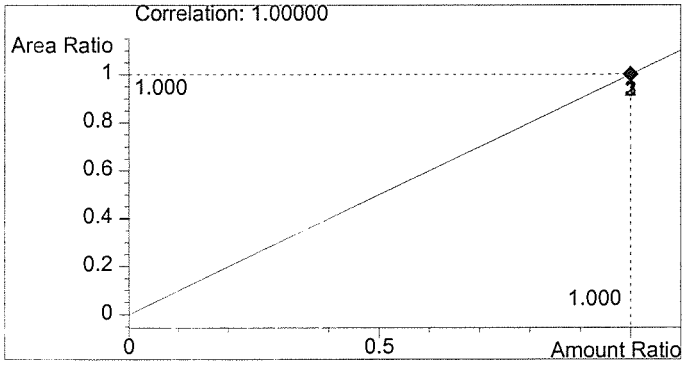


#	Compound	Area	RT
1		94	0.829
2	Ethanol	1621	1.042
3	n-Propanol	3890	1.702

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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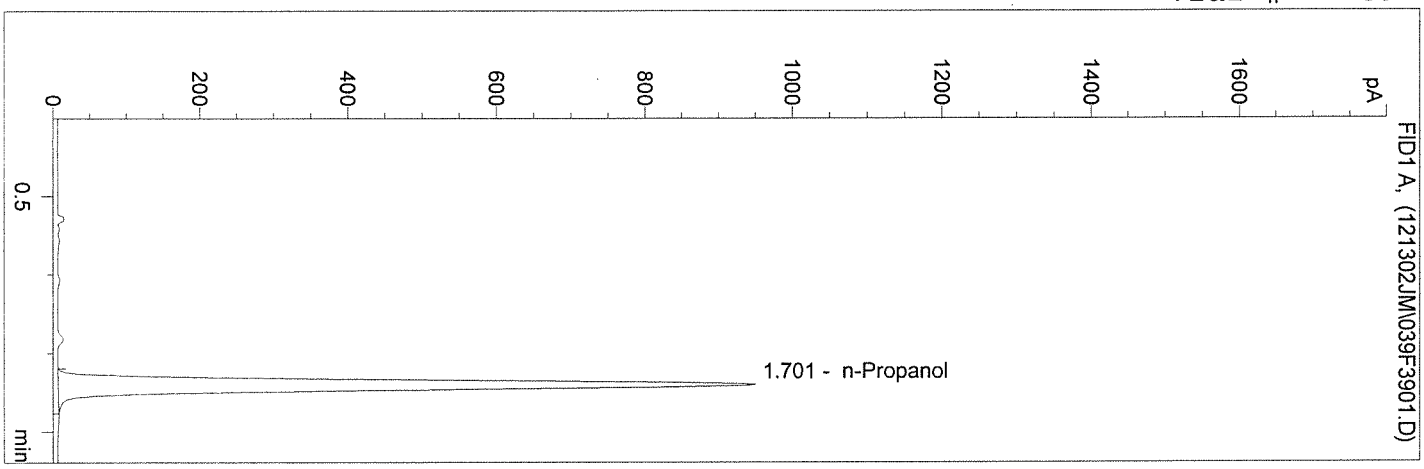
12/13/02 3:51:11 PM
Instrument 1
DB-ALC1

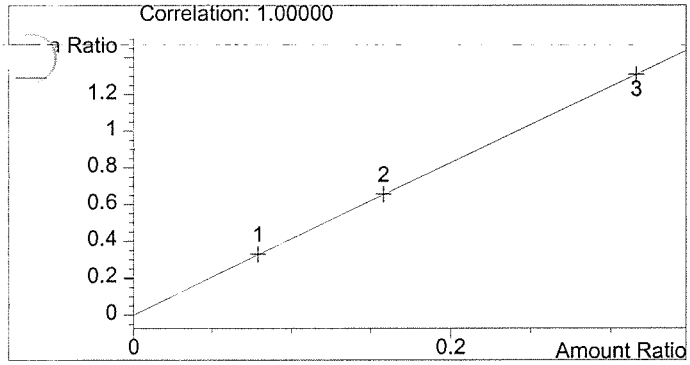
Blank
Estuardo J. Miranda

vial # 39

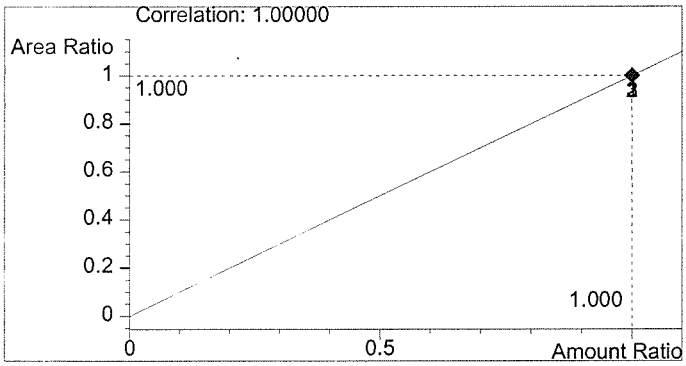


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4012	1.701

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml