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 **02017** Date: 5/29/2002

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	0.100	0.103	0.102	0.102	0.102	0.102	0.100	0.104	0.103	0.103		
2	0.101	0.104	0.104	0.103	0.101	0.102	0.100	0.103	0.102	0.106		
3	0.101	0.104	0.102	0.103	0.101	0.102	0.101	0.103	0.103	0.103		
4	0.100	0.103	0.102	0.103	0.101	0.101	0.101	0.104	0.103	0.103		
5	0.100	0.103	0.102	0.103	0.102	0.101	0.100	0.103	0.102	0.104		
Ctrl	0.099	0.100	0.098	0.100	0.098	0.100	0.100	0.100	0.100	0.099		

External Control:

Lot #: A021986 Exp date: Jan 2005

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1022 g/100 mL

SD: 0.00134

Range (3xSD): 0.0982 to 0.1062

Precision CV (%): 1.3092 %

Equivalent vapor concent.: 0.0831 g/210L

Analyst	Name	Signature	Date
1	Jayne Thatcher		05/31/02
2	Naziha Nuwayhid, PhD		05/29/02
3	Melissa Pemberton		05/30/02
4	Estuardo J. Miranda		05/31/02
5	Edward Formoso		06/03/02
6	Egle Weiss		06/03/02
7	William P Marshall		06/04/02
8	Ruth Luthi		06/05/02
9	Eugene Schwilke		06/05/02
10	Ann Marie Gordon		06/12/02
11			
12			

Prepared by: Jayne Thatcher 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 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPSIMSOL

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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 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTSIMSOL

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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 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNSIMSOL

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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 02017 was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMSIMSOL

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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-five years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFSIMSOL

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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 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/nf
WMSIMSOL

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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 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

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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 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Gene Schwilke

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, Ann Marie Gordon, 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: Masters degree in Microbiology and Immunology and twelve years of experience as a forensic toxicologist.

The simulator solution, Lot Number 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/nf
AGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Egle Weiss, 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: MS degree in Chemistry and twenty-six years experience in analytical chemistry, and eighteen years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02017, was prepared in the Washington State Toxicology Laboratory on 5/29/02. 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 5/29/03.

Dated: 6/14/02
Seattle, WA

Egle Weiss
Forensic Toxicologist

EW/nf
EWSIMSOL

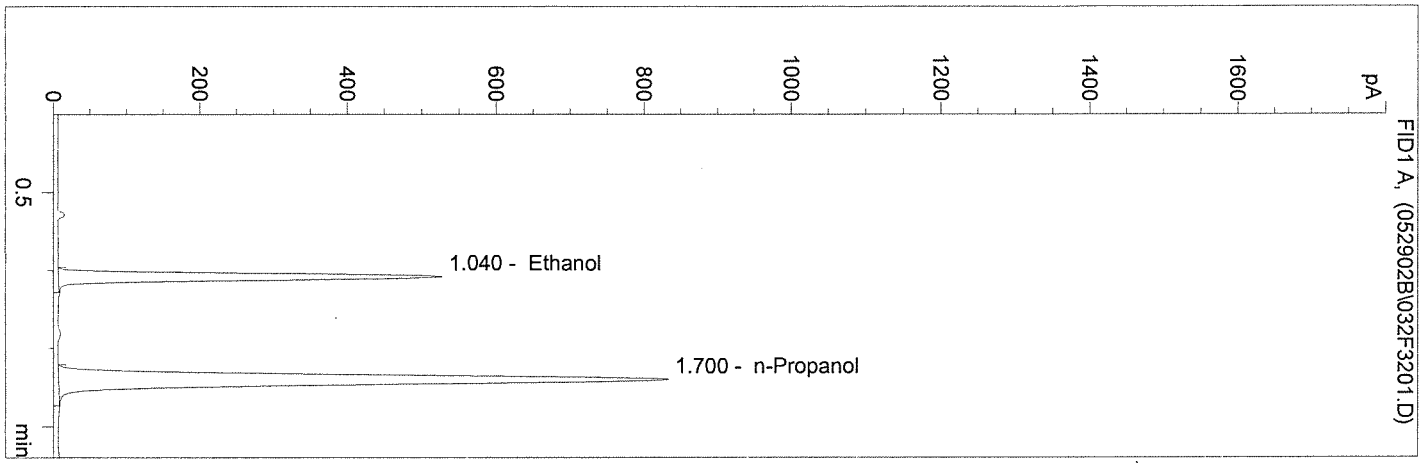
WASHINGTON STATE TOXICOLOGY LABORATORY

Calibrators in 023040
Controls " 023070

C:\HPCHEM\1\METHODS\BLDALCO.M
5/29/02 8:19:18 PM
Instrument 1
-ALC1

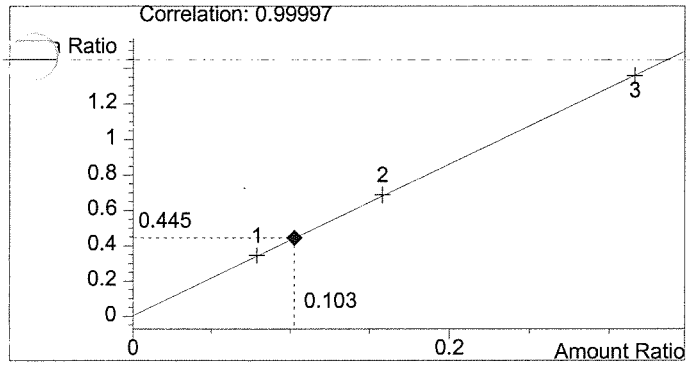
02017 SIM
Naziha Nuwayhid, PhD

vial # 32

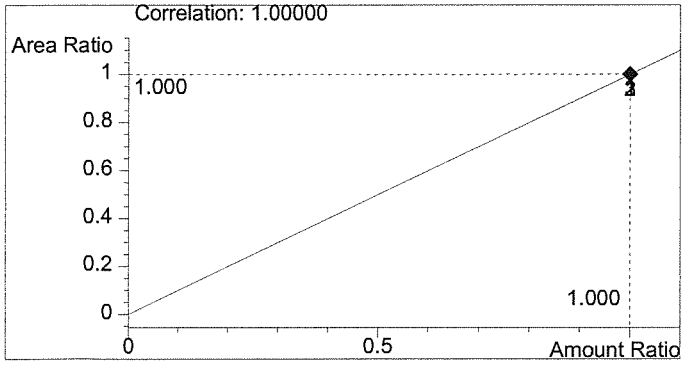


#	Compound	Area	RT
1	Ethanol	1528	1.040
2	n-Propanol	3436	1.700

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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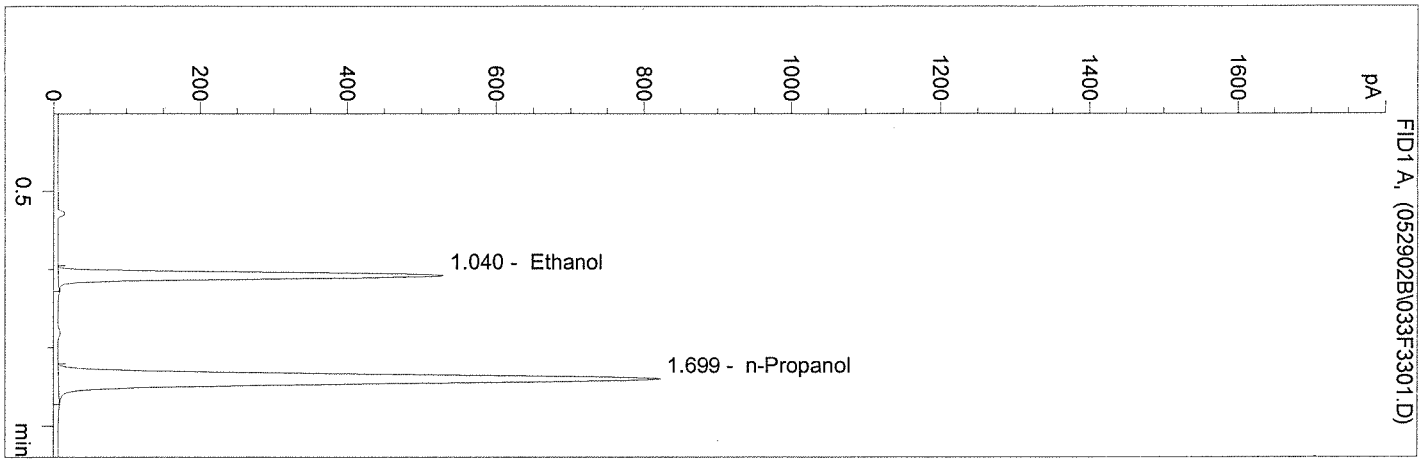
C:\HPCHEM\1\METHODS\BLDALCO.M
5/29/02 8:22:31 PM
Instrument 1
-ALC1

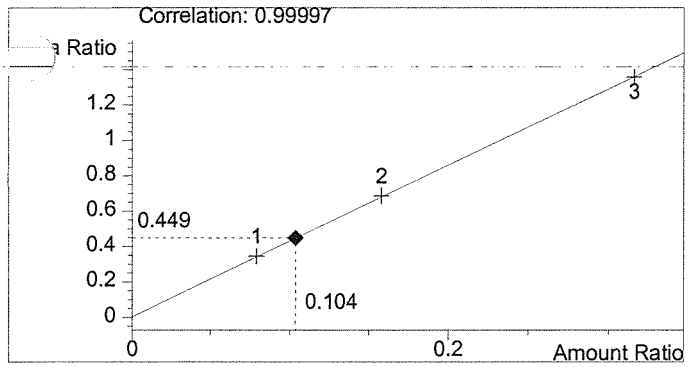
02017 SIM
Naziha Nuwayhid, PhD

vial # 33

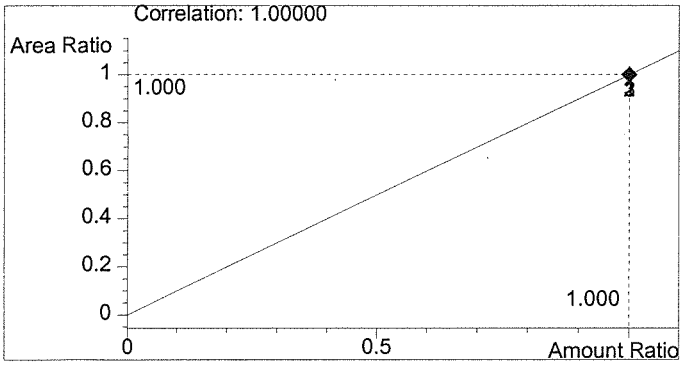


#	Compound	Area	RT
1	Ethanol	1514	1.040
2	n-Propanol	3372	1.699

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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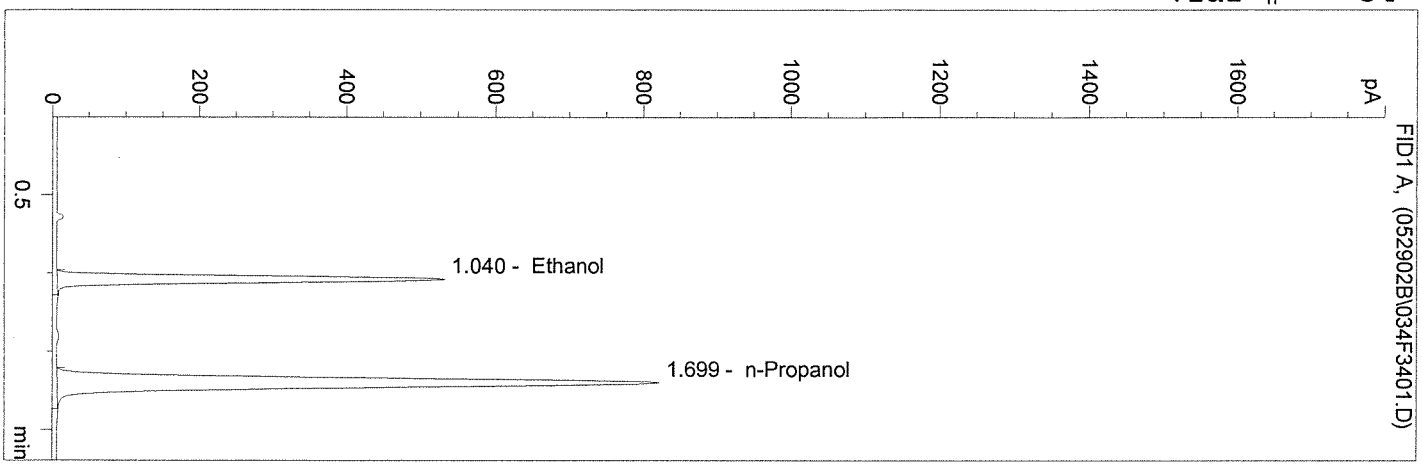
C:\HPCHEM\1\METHODS\BLDALCO.M
5/29/02 8:25:32 PM
Instrument 1
-ALC1

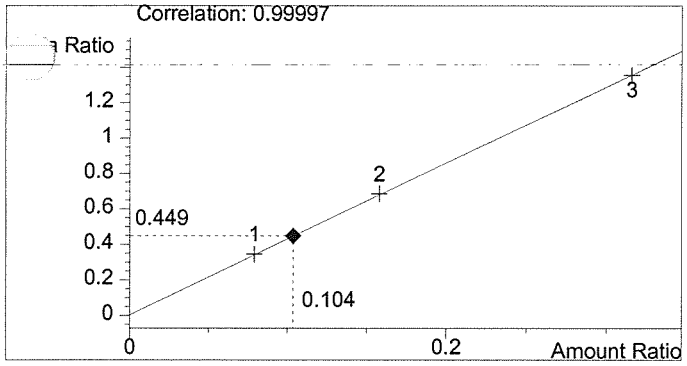
02017 SIM
Naziha Nuwayhid, PhD

vial # 34

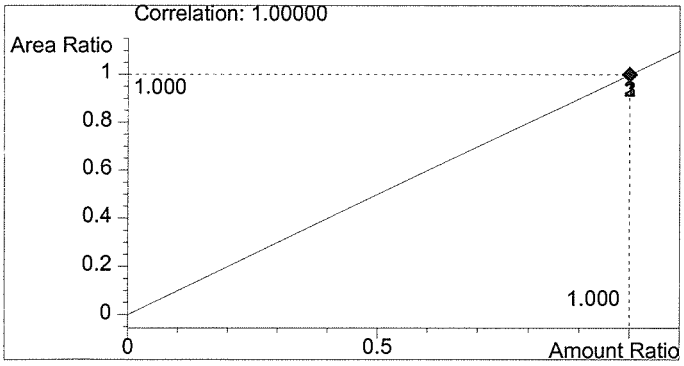


#	Compound	Area	RT
1	Ethanol	1513	1.040
2	n-Propanol	3372	1.699

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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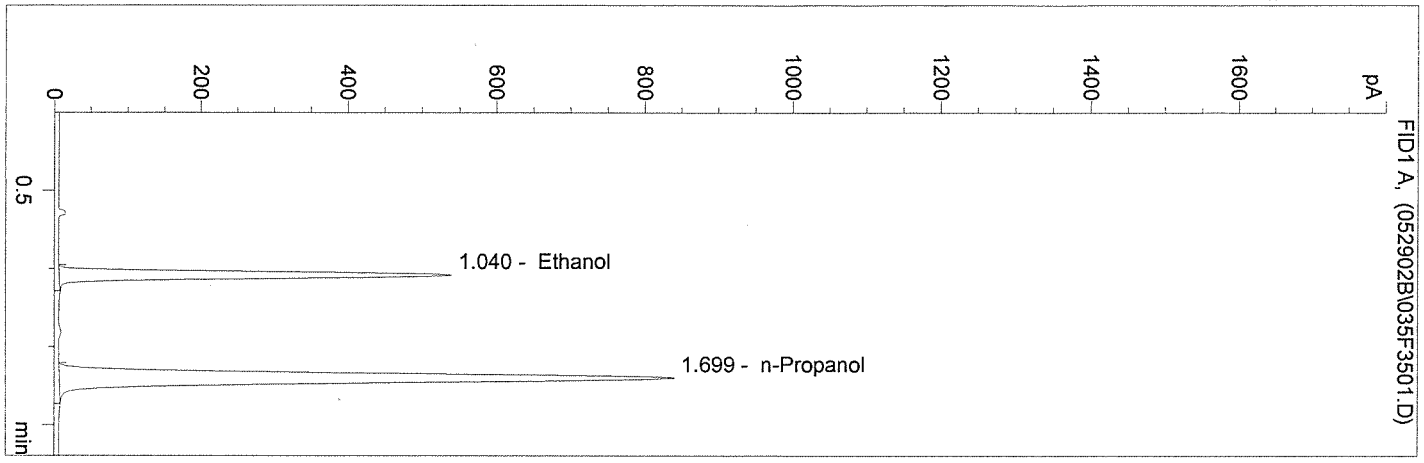
5/29/02 8:28:35 PM
Instrument 1
-ALC1

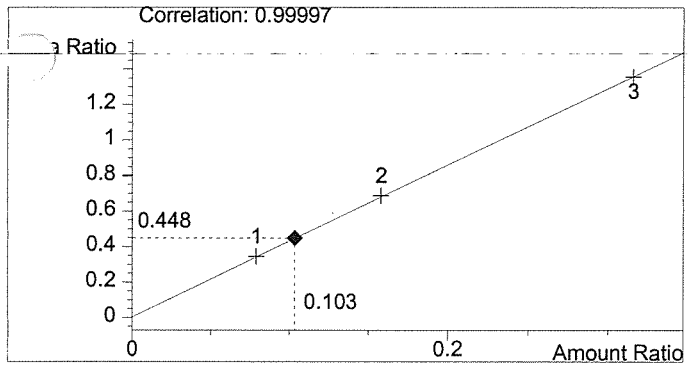
02017 SIM
Naziha Nuwayhid, PhD

vial # 35

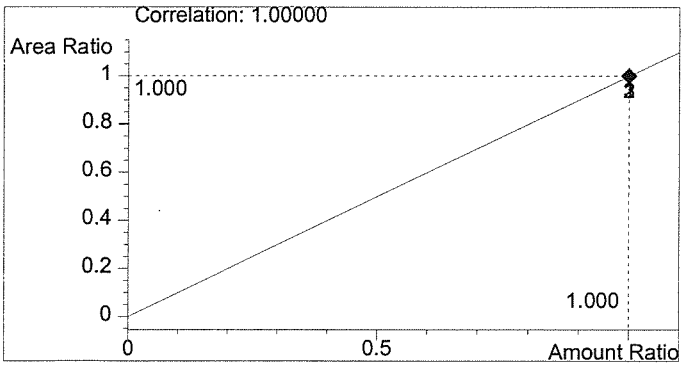


#	Compound	Area	RT
1	Ethanol	1545	1.040
2	n-Propanol	3447	1.699

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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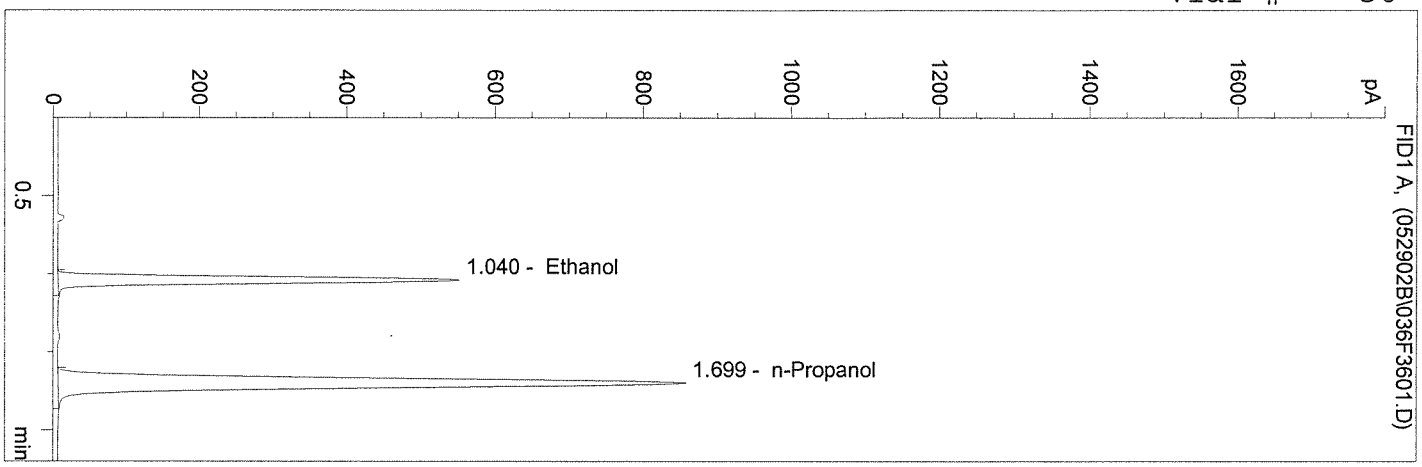
C:\HPCHEM\1\METHODS\BLDALCO.M
5/29/02 8:31:37 PM
Instrument 1
-ALC1

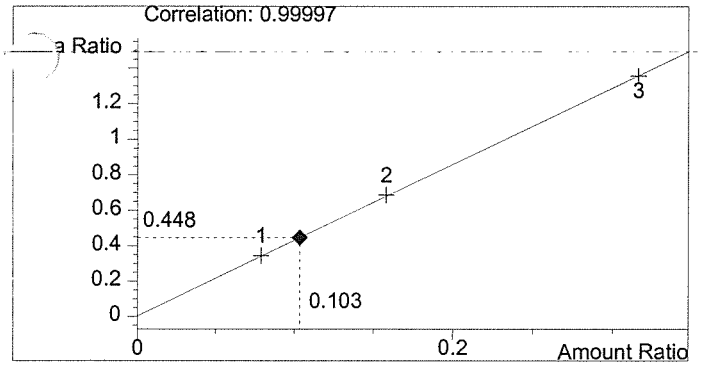
02017 SIM
Naziha Nuwayhid, PhD

vial # 36

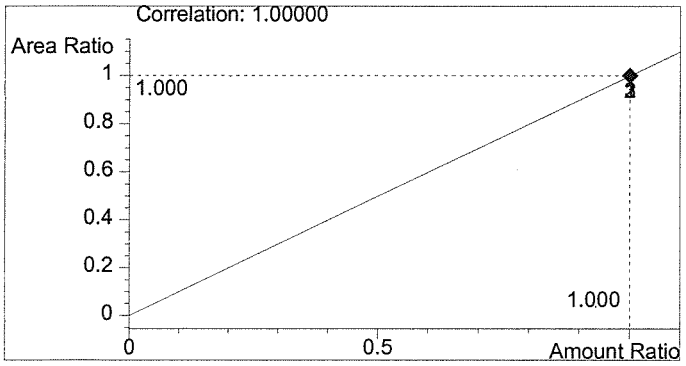


#	Compound	Area	RT
1	Ethanol	1580	1.040
2	n-Propanol	3529	1.699

Totals:



Ethanol 0.103 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 CALIBRATOR	BLDALCO3	1	Calib		
3	3	0.158 CALIBRATOR	BLDALCO3	1	Calib		
4	4	0.316 CALIBRATOR	BLDALCO3	1	Calib		
5	5	Blank	BLDALCO3	1	Sample		
6	6	SIM 02017-1	BLDALCO3	1	Sample		
7	7	SIM 02017-2	BLDALCO3	1	Sample		
8	8	SIM 02017-3	BLDALCO3	1	Sample		
9	9	SIM 02017-4	BLDALCO3	1	Sample		
10	10	SIM 02017-5	BLDALCO3	1	Sample		
11	11	0.101 CTRL	BLDALCO3	1	Ctrl Samp		
12	12	BLANK	BLDALCO3	1	Sample		

Sequence Table (Back Injector):

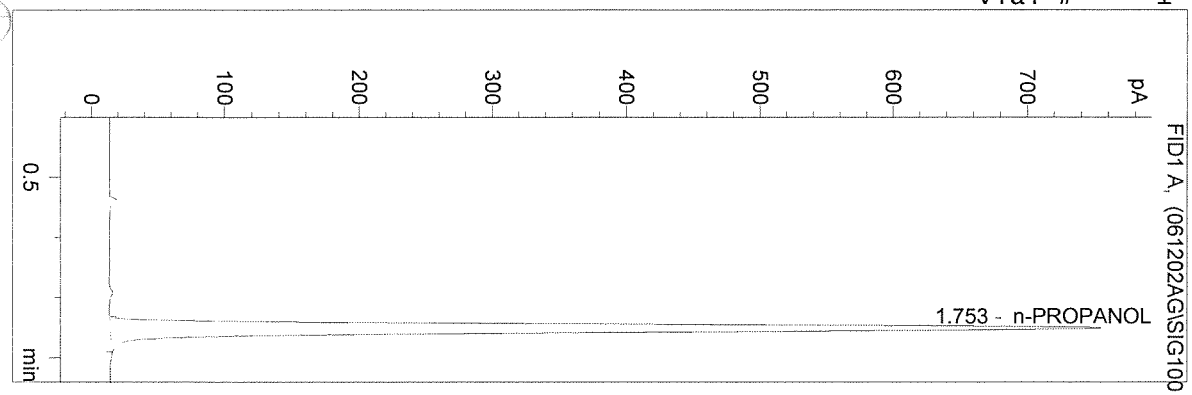
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/12/02 7:20:30 AM
Instrument 3
DB-ALC1

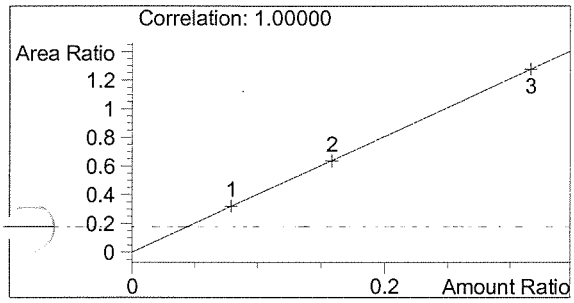
BLANK
Ann Marie Gordon

vial # 1

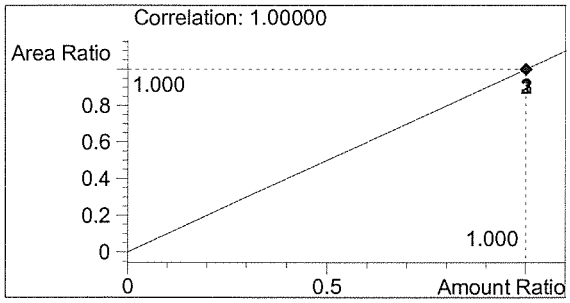


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3367	1.753

Totals:



ETHANOL 0.000 mg/L



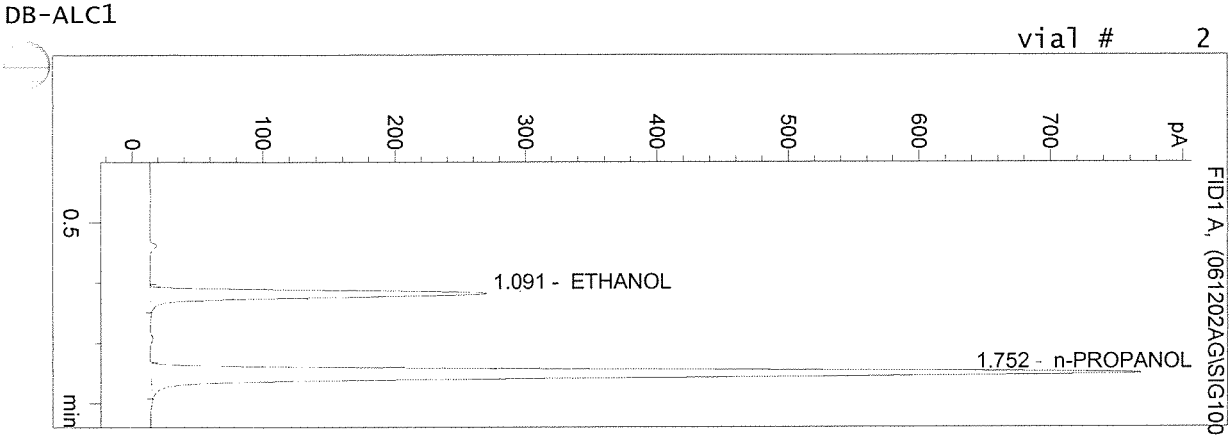
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/12/02 7:23:40 AM
Instrument 3
DB-ALC1

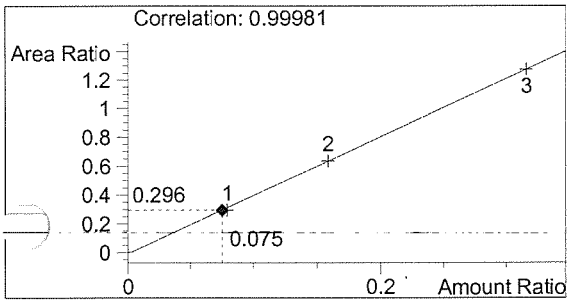
0.079 CALIBRATOR
Ann Marie Gordon

vial # 2

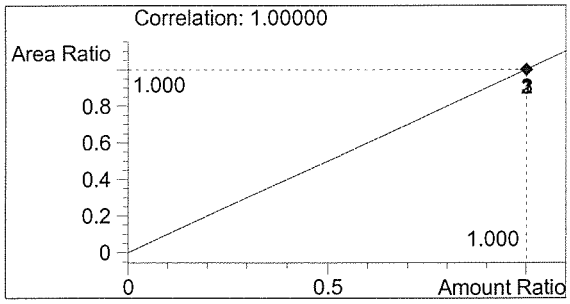


#	Compound	Area	RT
1	ETHANOL	1027	1.091
2	n-PROPANOL	3468	1.752

Totals:



ETHANOL 0.075 mg/L



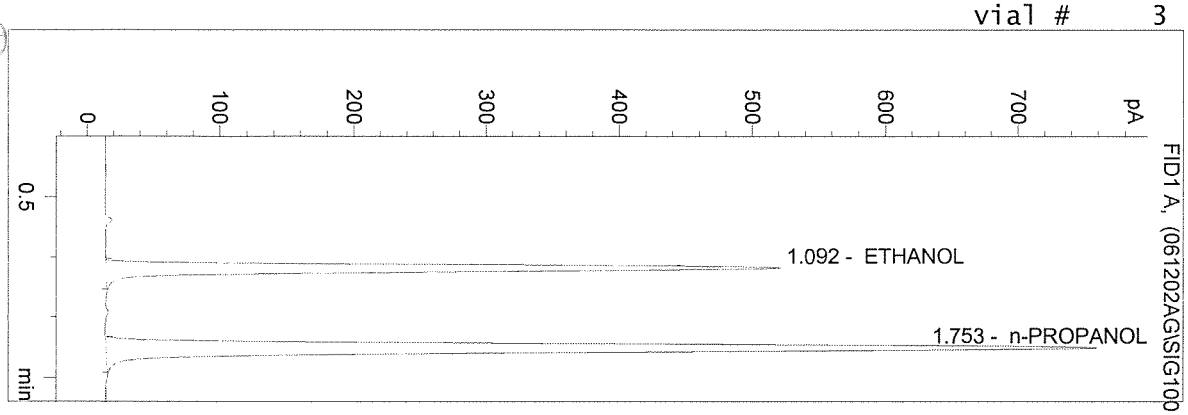
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/12/02 7:26:49 AM
Instrument 3
DB-ALC1

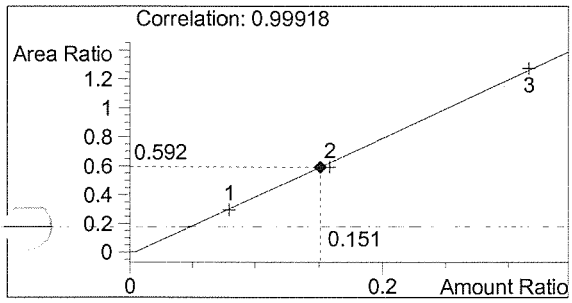
0.158 CALIBRATOR
Ann Marie Gordon

vial # 3

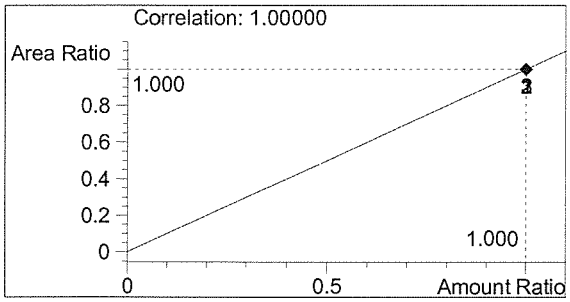


#	Compound	Area	RT
1	ETHANOL	2033	1.092
2	n-PROPANOL	3433	1.753

Totals:



ETHANOL 0.151 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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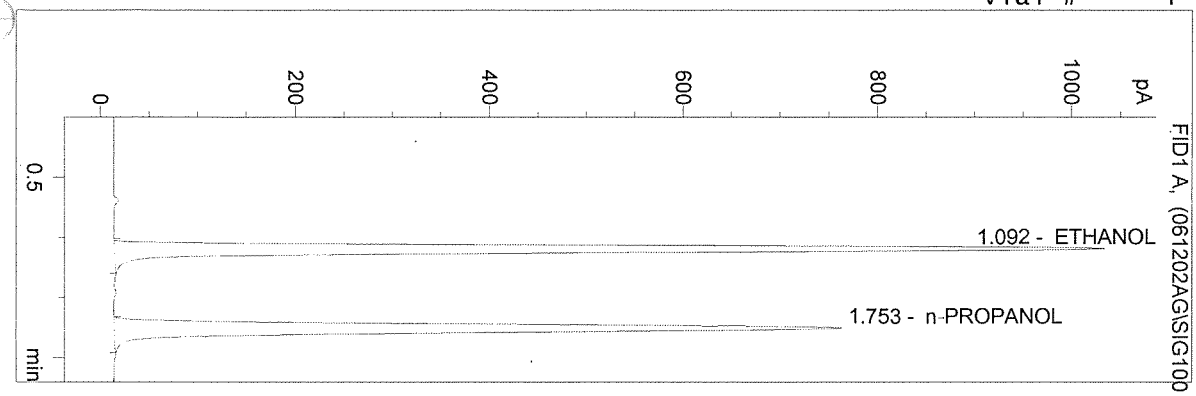
Instrument 3
DB-ALC1

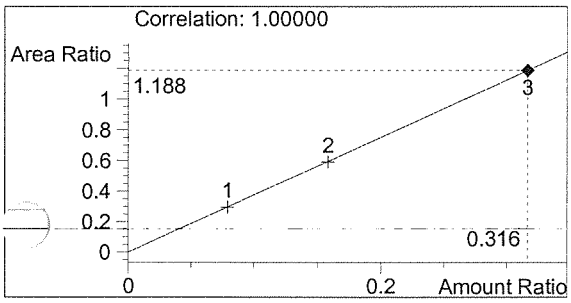
0.316 CALIBRATOR
Ann Marie Gordon

vial # 4

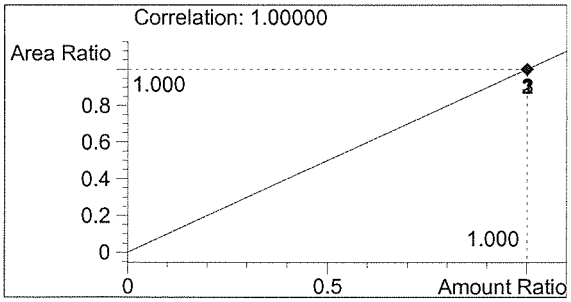


#	Compound	Area	RT
1	ETHANOL	4098	1.092
2	n-PROPANOL	3449	1.753

Totals:



ETHANOL 0.316 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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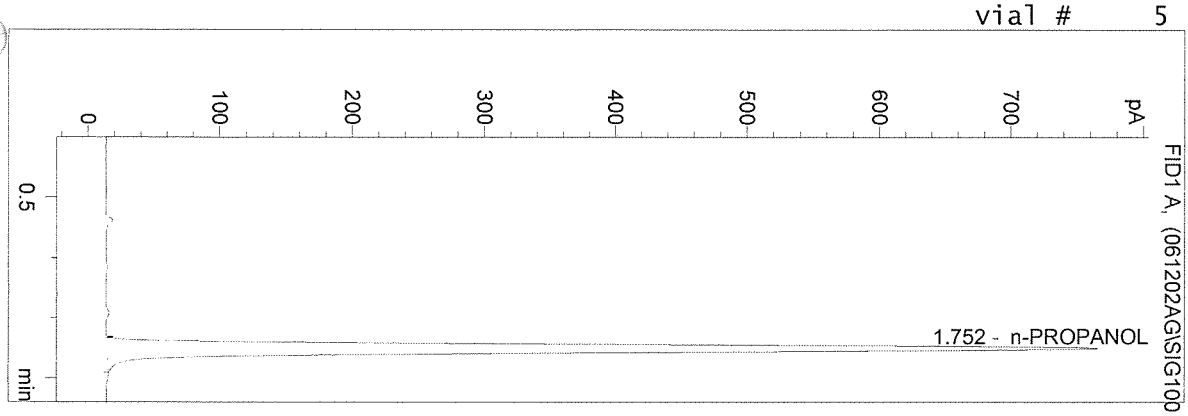
Instrument 3
DB-ALC1

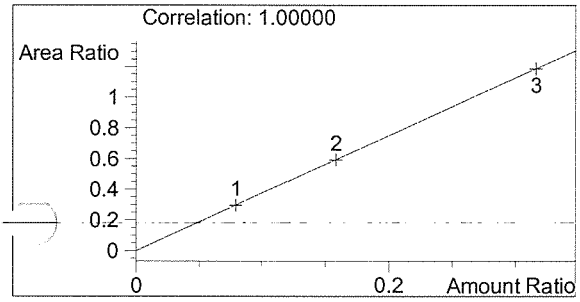
Blank
Ann Marie Gordon

vial # 5

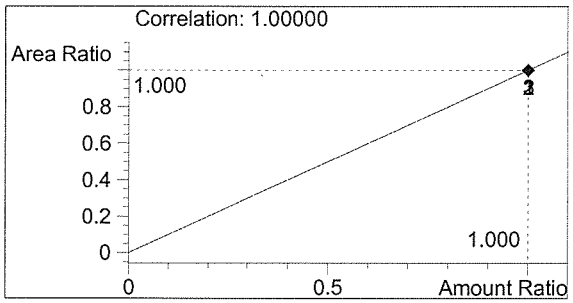


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3429	1.752

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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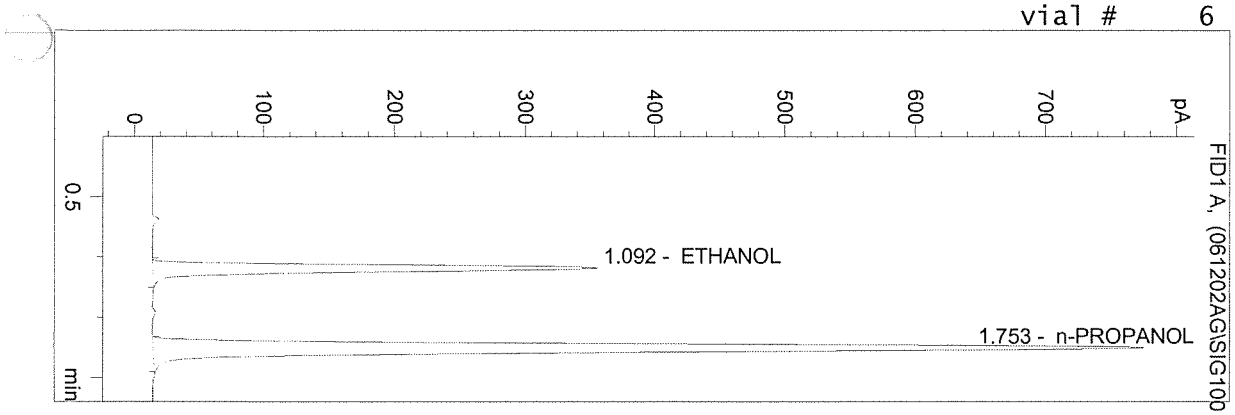
Instrument 3
DB-ALC1

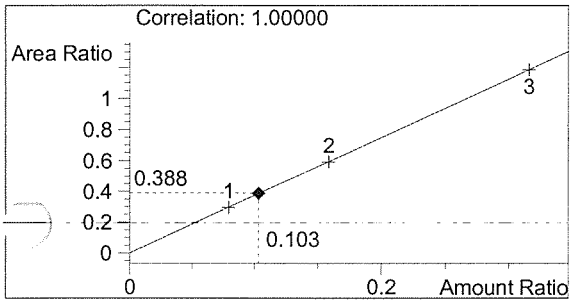
SIM 02017-1
Ann Marie Gordon

vial # 6

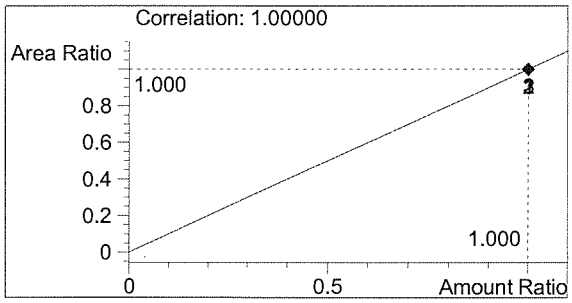


#	Compound	Area	RT
1	ETHANOL	1349	1.092
2	n-PROPANOL	3474	1.753

Totals:



ETHANOL 0.103 mg/L



n-PROPANOL 1.000 mg/L

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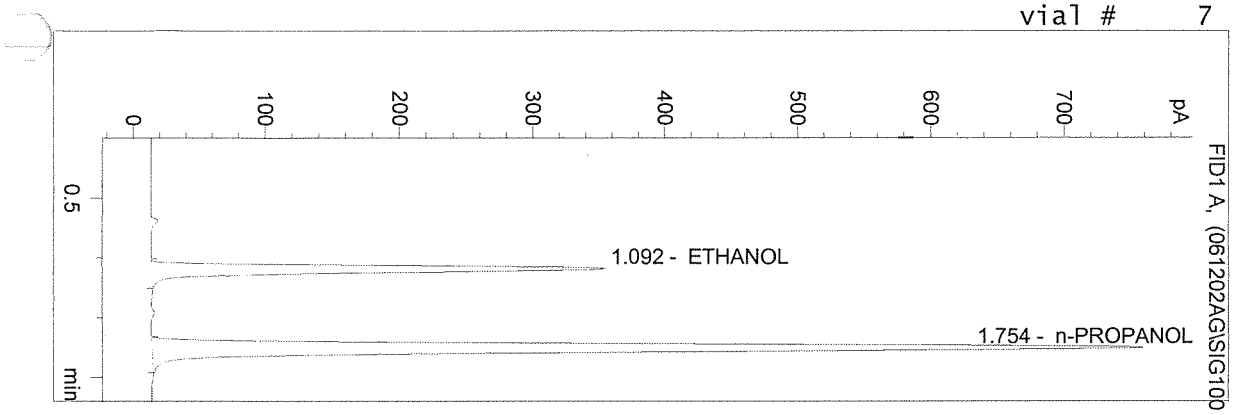
Instrument 3
DB-ALC1

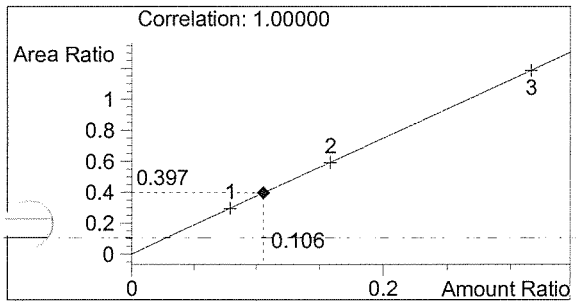
SIM 02017-2
Ann Marie Gordon

vial # 7

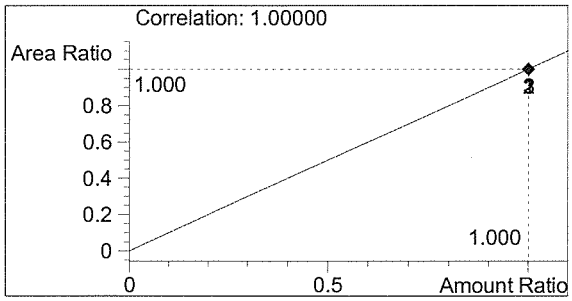


#	Compound	Area	RT
1	ETHANOL	1357	1.092
2	n-PROPANOL	3423	1.754

Totals:



ETHANOL 0.106 mg/L



n-PROPANOL 1.000 mg/L

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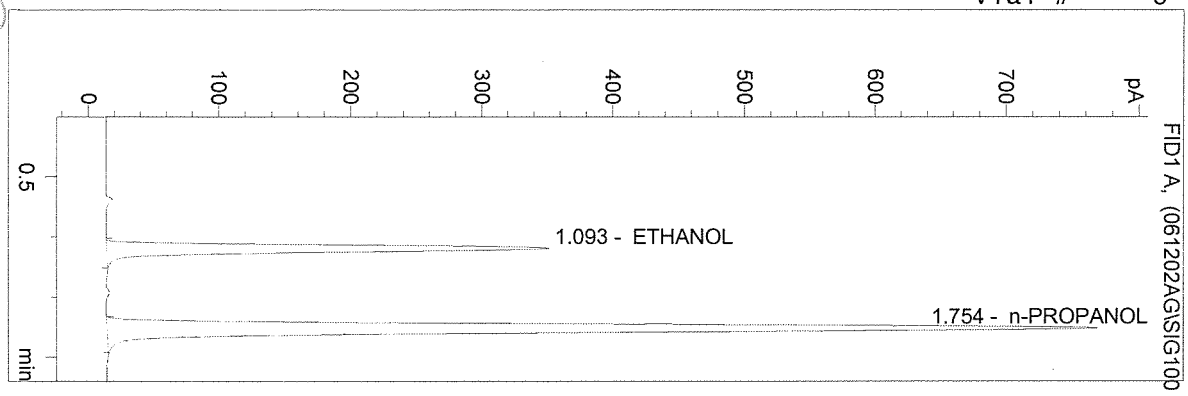
Instrument 3
DB-ALC1

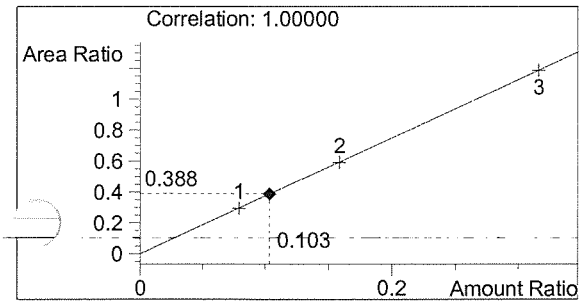
SIM 02017-3
Ann Marie Gordon

vial # 8

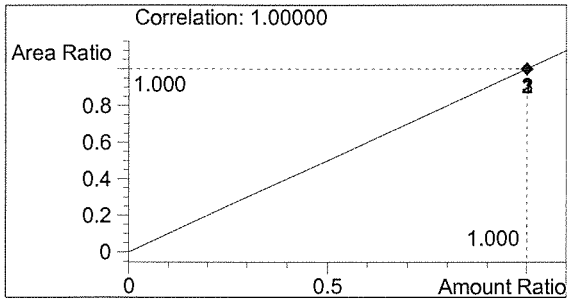


#	Compound	Area	RT
1	ETHANOL	1344	1.093
2	n-PROPANOL	3460	1.754

Totals:



ETHANOL 0.103 mg/L



n-PROPANOL 1.000 mg/L

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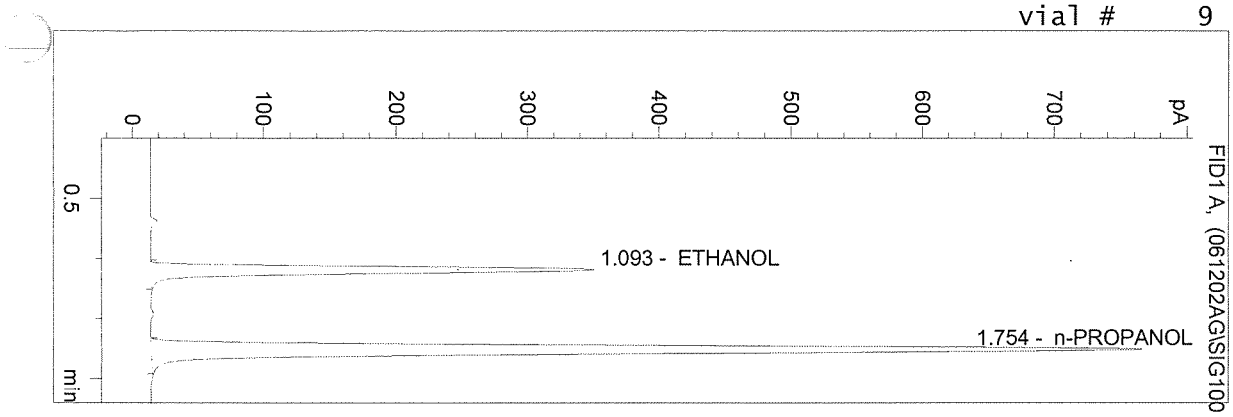
Instrument 3
DB-ALC1

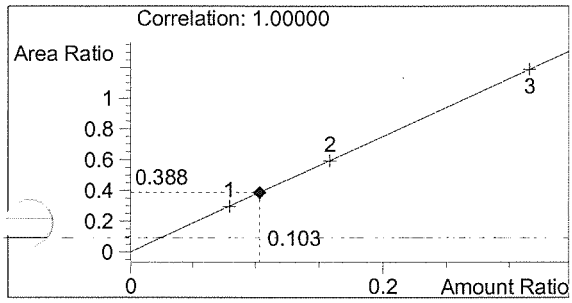
SIM 02017-4
Ann Marie Gordon

vial # 9

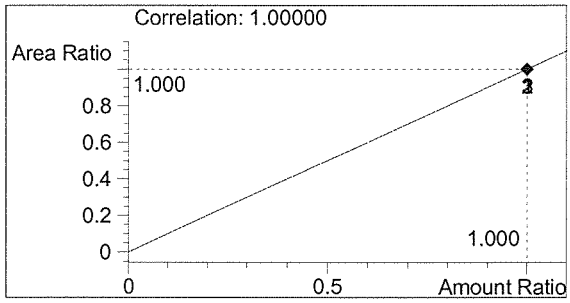


#	Compound	Area	RT
1	ETHANOL	1334	1.093
2	n-PROPANOL	3439	1.754

Totals:



ETHANOL 0.103 mg/L



n-PROPANOL 1.000 mg/L

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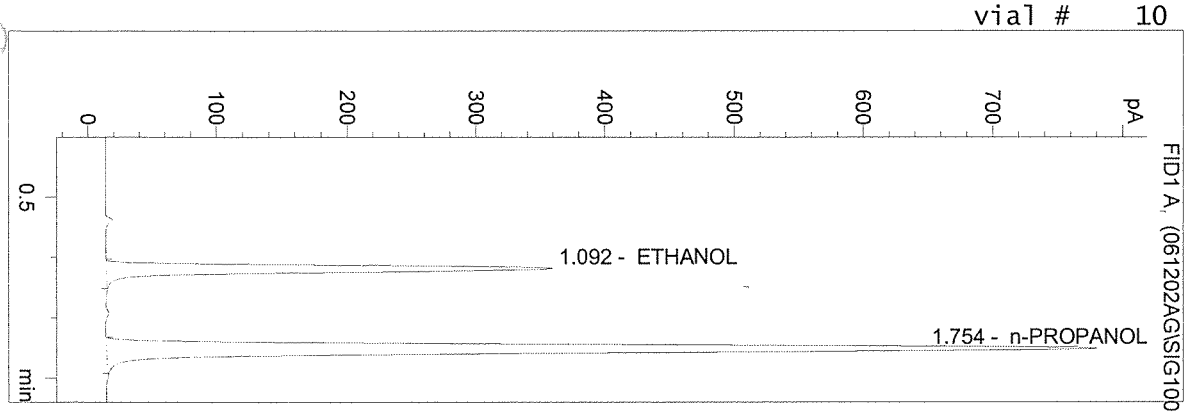
Instrument 3
DB-ALC1

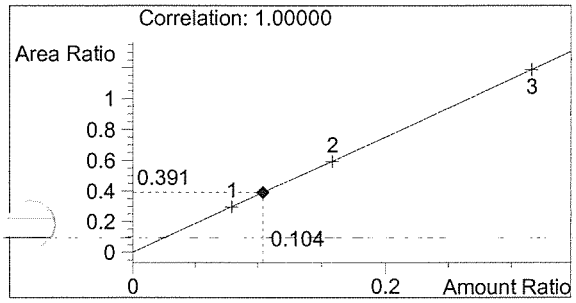
SIM 02017-5
Ann Marie Gordon

vial # 10

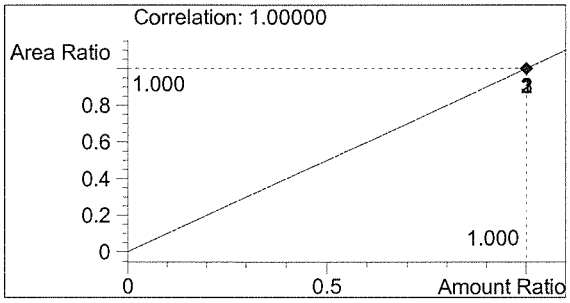


#	Compound	Area	RT
1	ETHANOL	1362	1.092
2	n-PROPANOL	3484	1.754

Totals:



ETHANOL 0.104 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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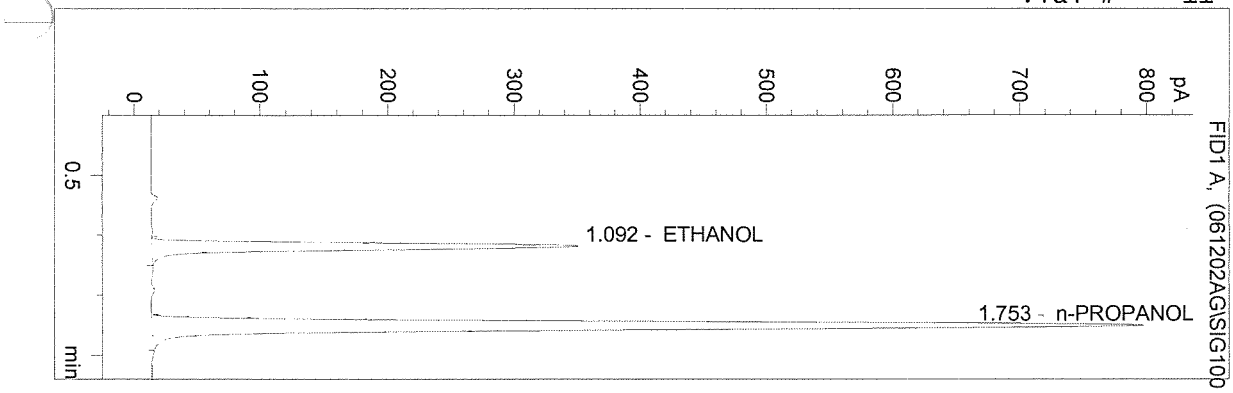
Instrument 3
DB-ALC1

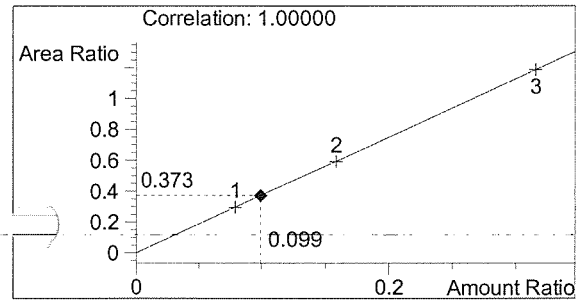
0.101 CTRL
Ann Marie Gordon

vial # 11

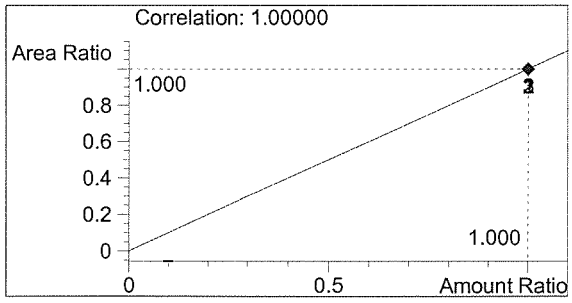


#	Compound	Area	RT
1	ETHANOL	1329	1.092
2	n-PROPANOL	3564	1.753

Totals:



ETHANOL 0.099 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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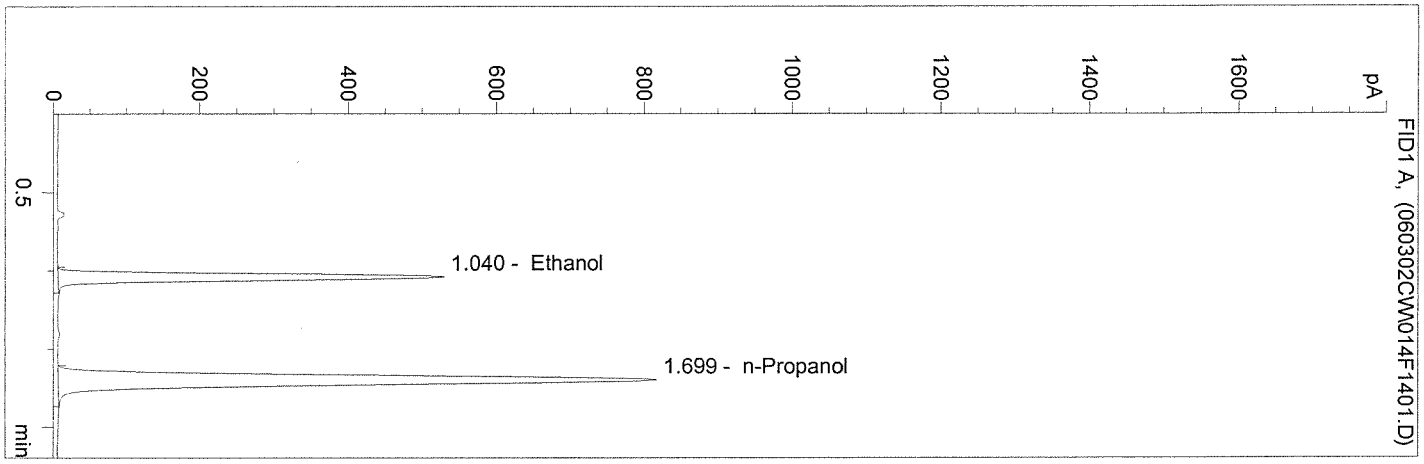
Instrument 1
DB-ALC1

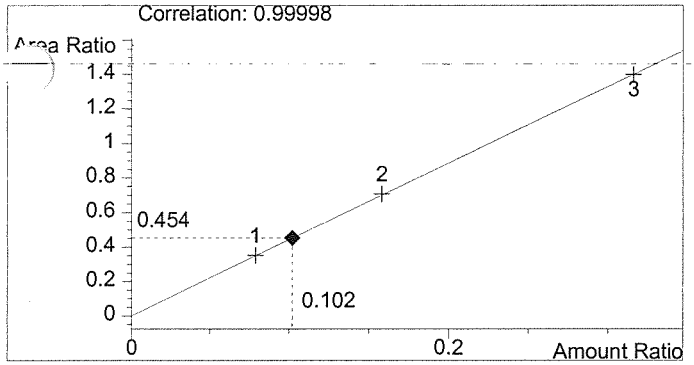
SIMSOL 02017
EGLE WEISS

vial # 14

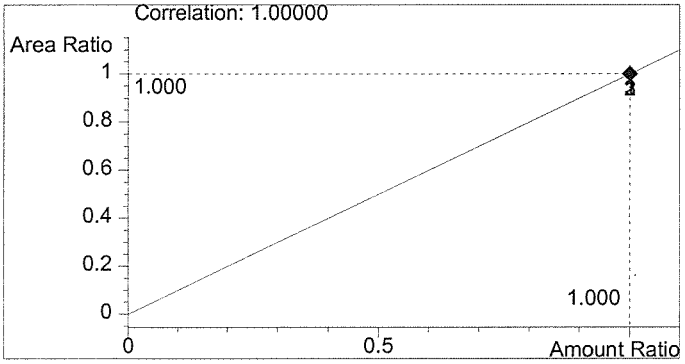


#	Compound	Area	RT
1	Ethanol	1526	1.040
2	n-Propanol	3359	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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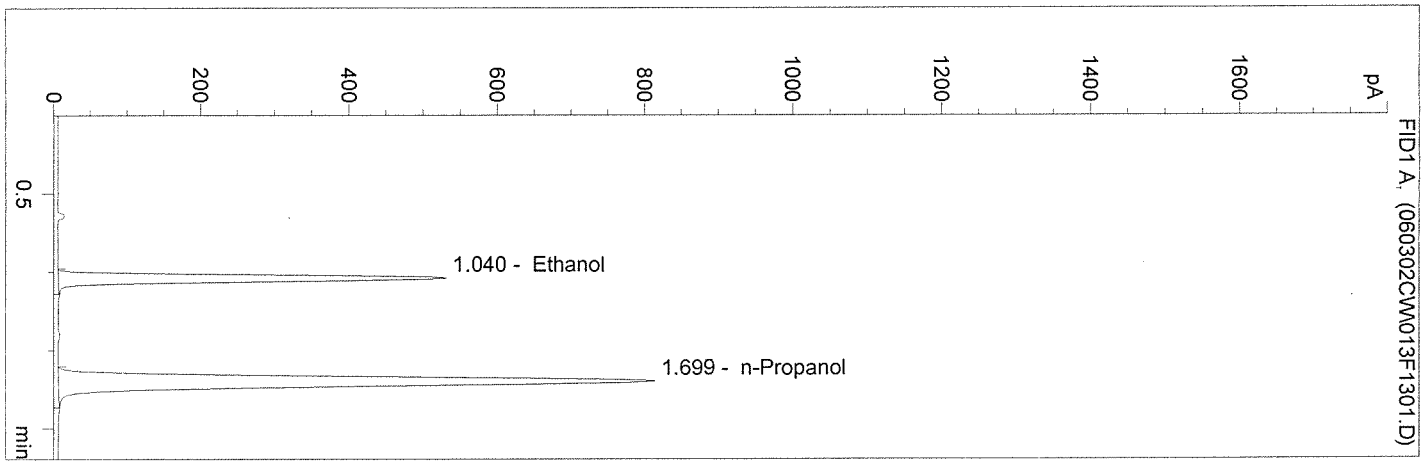
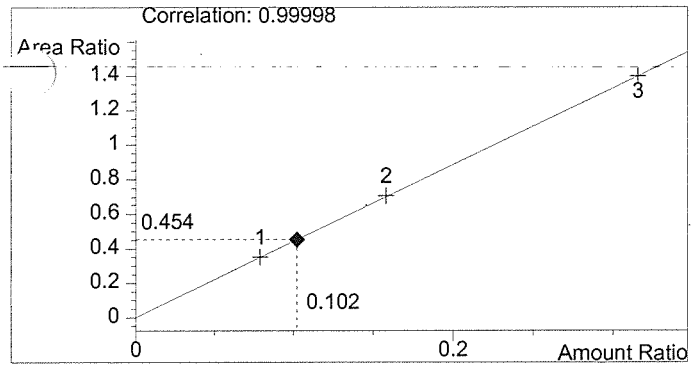
Instrument 1
DB-ALC1

SIMSOL 02017
EGLE WEISS

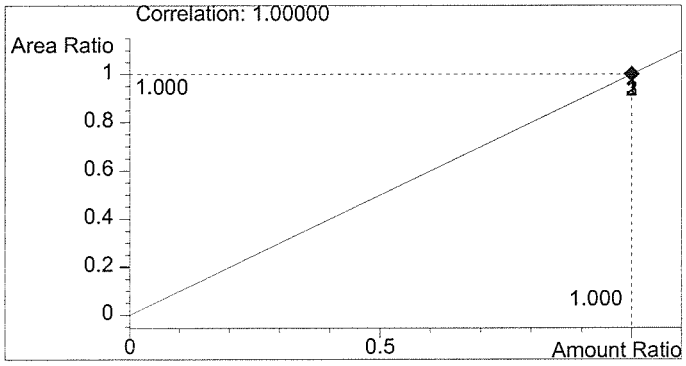
vial # 13



#	Compound	Area	RT
1	Ethanol	1519	1.040
2	n-Propanol	3343	1.699
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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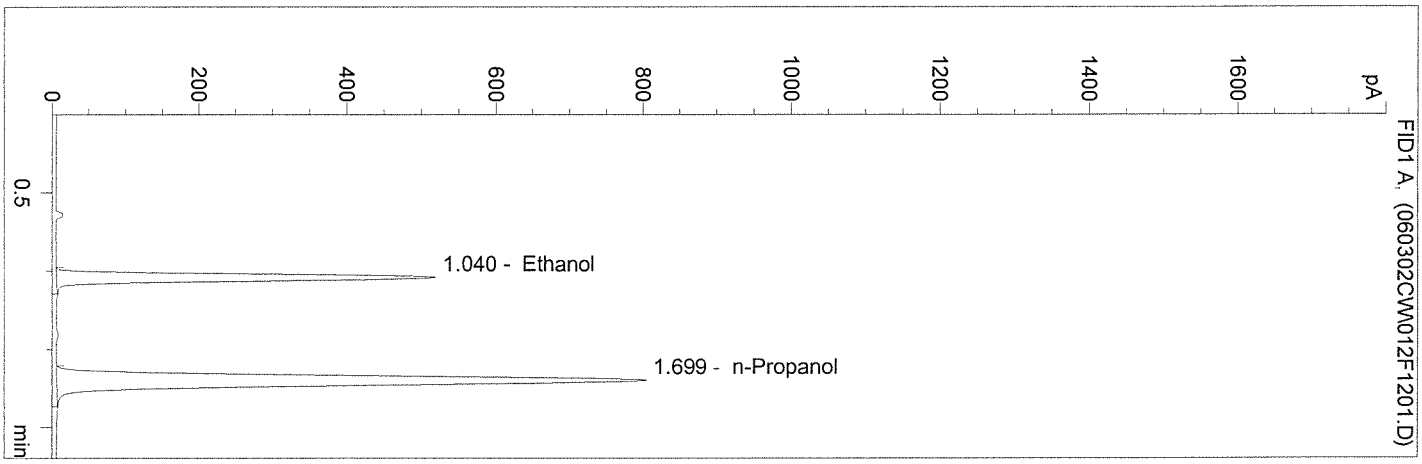
Instrument 1
DB-ALC1

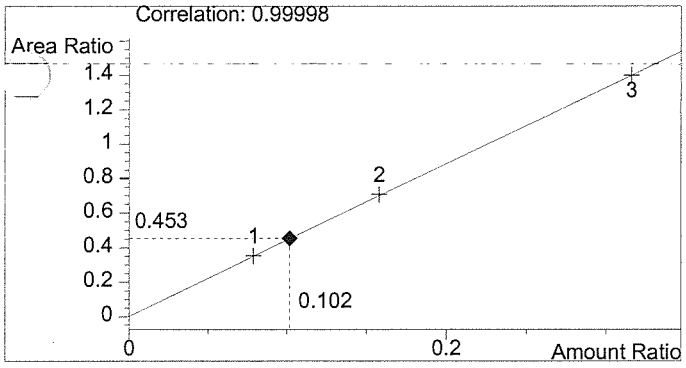
SIMSOL 02017
EGLE WEISS

vial # 12

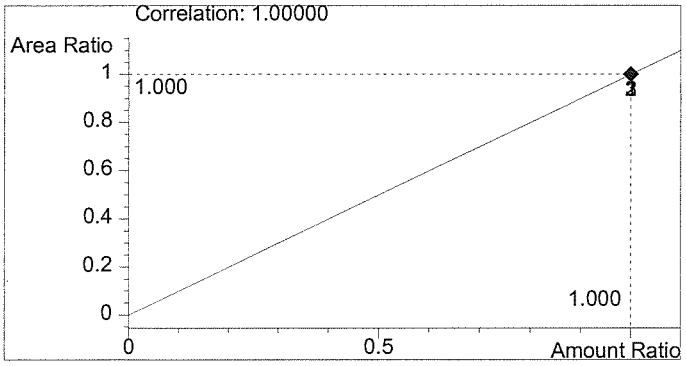


#	Compound	Area	RT
1	Ethanol	1506	1.040
2	n-Propanol	3327	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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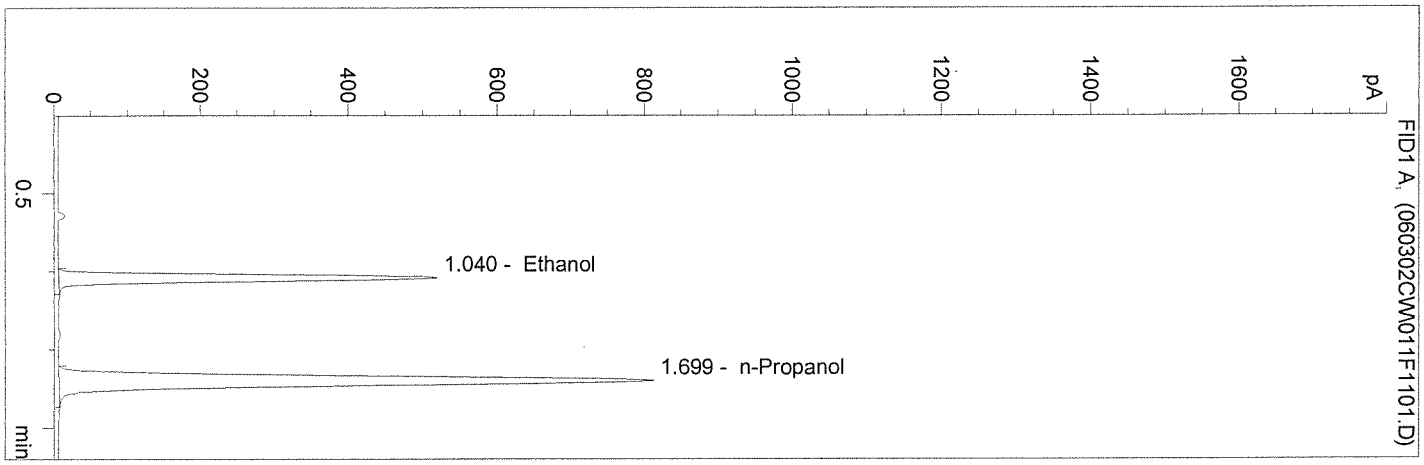
Instrument 1
DB-ALC1

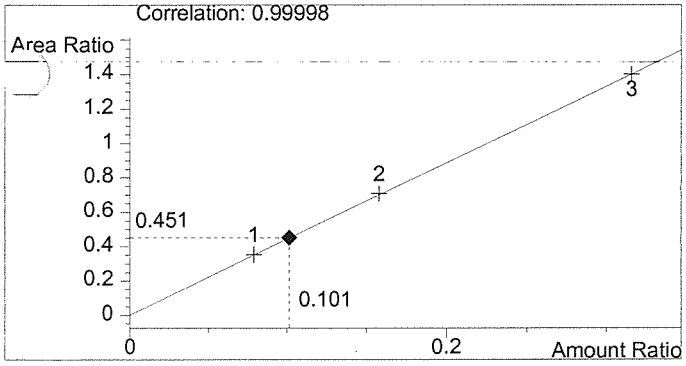
SIMSOL 02017
EGLE WEISS

vial # 11

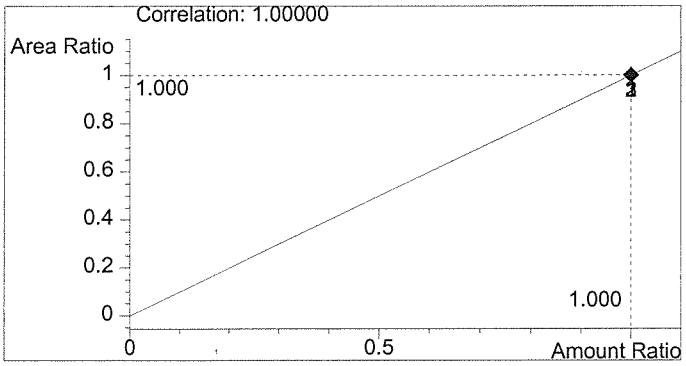


#	Compound	Area	RT
1	Ethanol	1510	1.040
2	n-Propanol	3347	1.699

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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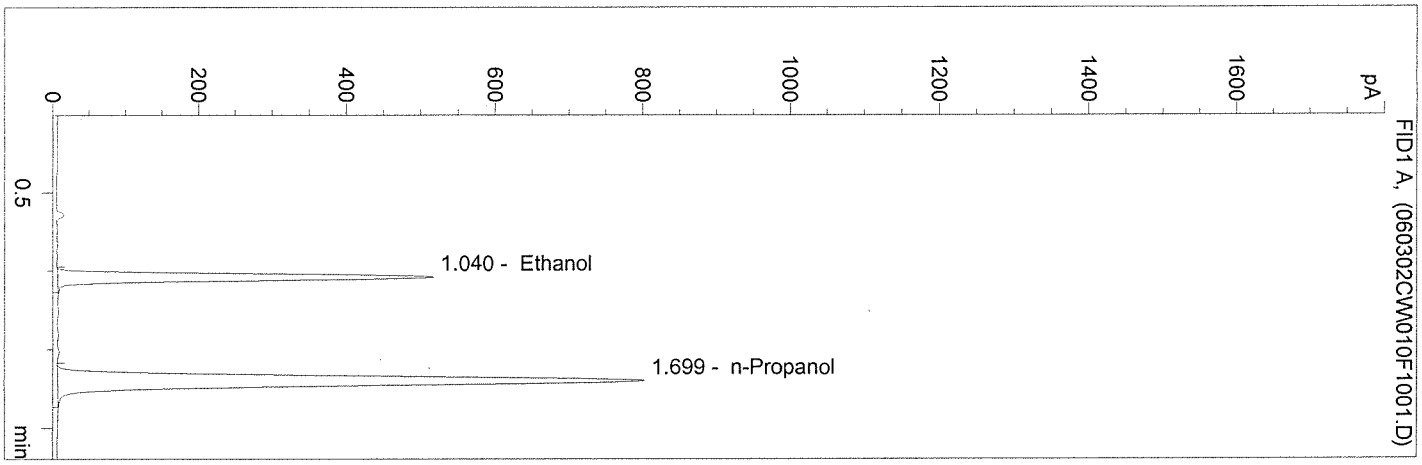
Instrument 1
DB-ALC1

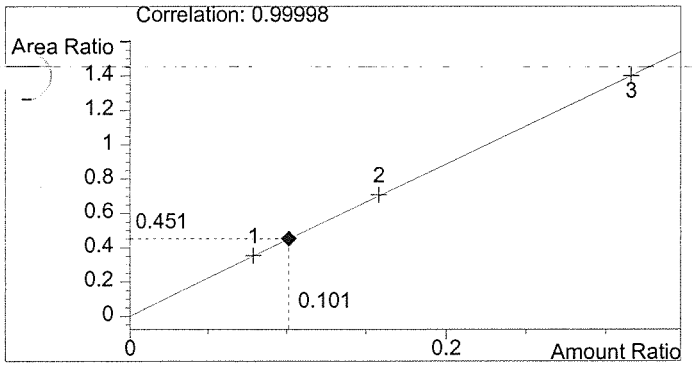
SIMSOL 02017
EGLE WEISS

vial # 10

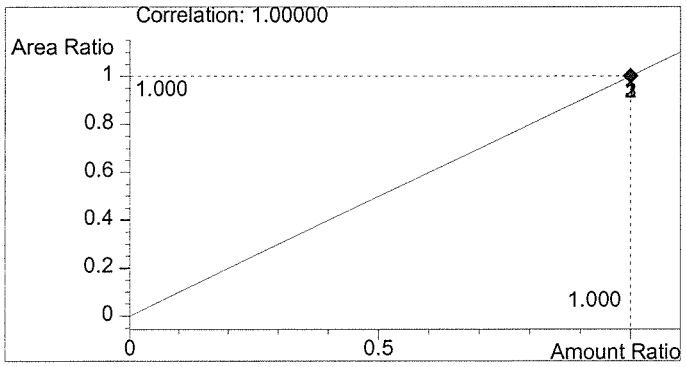


#	Compound	Area	RT
1	Ethanol	1488	1.040
2	n-Propanol	3297	1.699

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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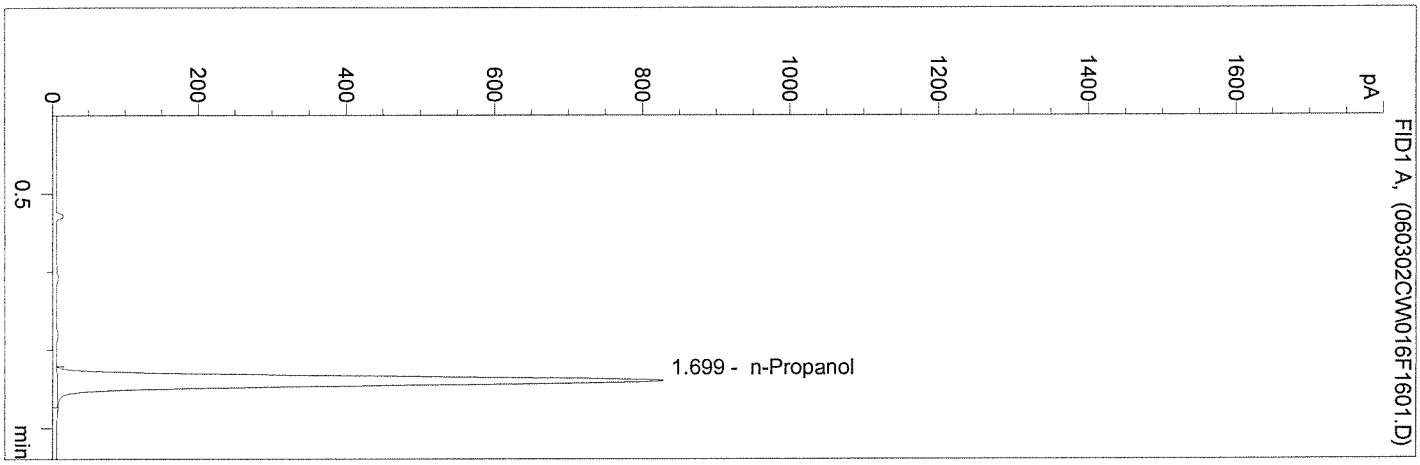
Instrument 1
DB-ALC1

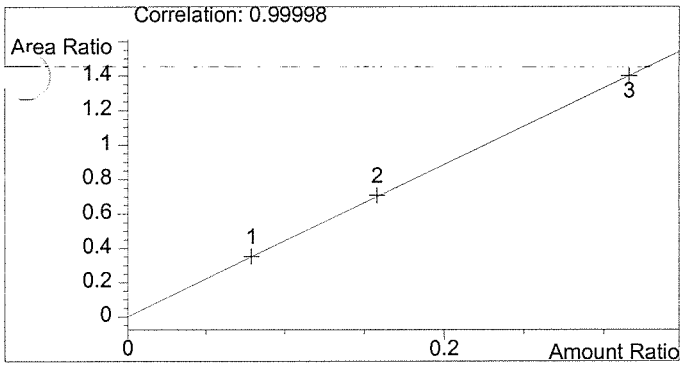
BLK
EGLE WEISS

vial # 16

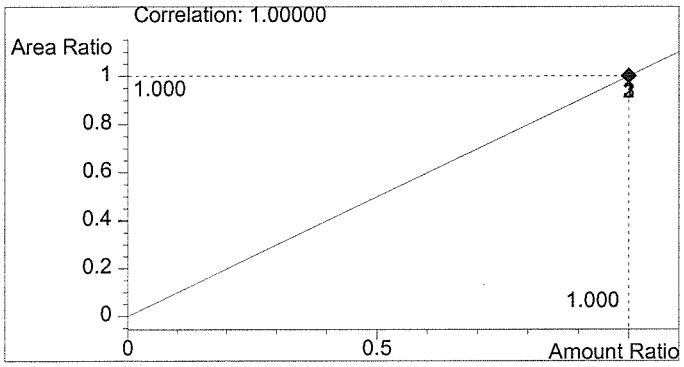


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3407	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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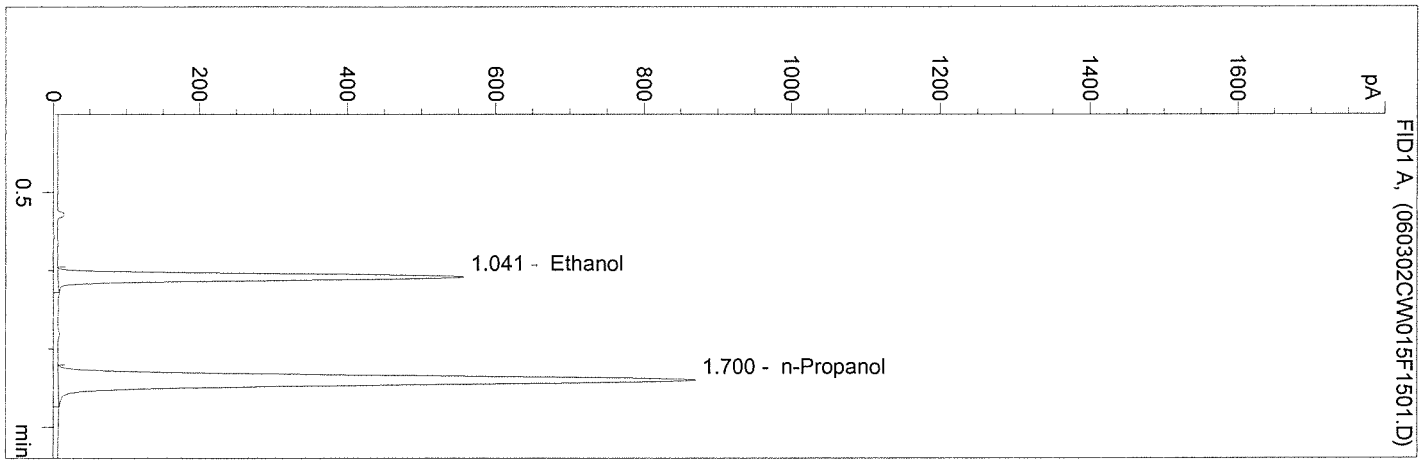
Instrument 1
DB-ALC1

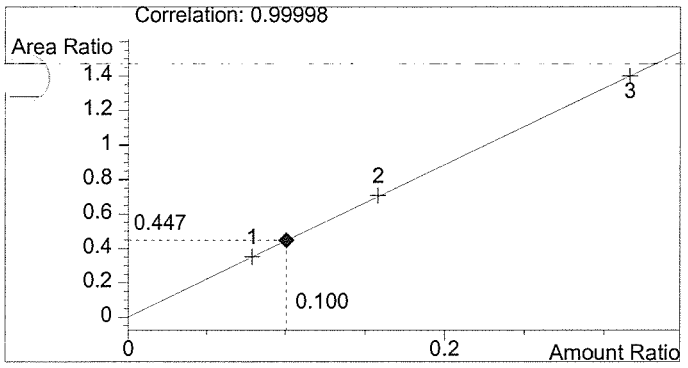
0.100 CONTROL
EGLE WEISS

vial # 15

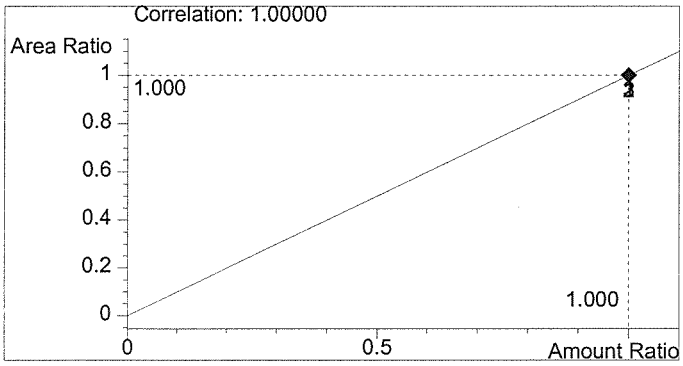


#	Compound	Area	RT
1	Ethanol	1601	1.041
2	n-Propanol	3580	1.700

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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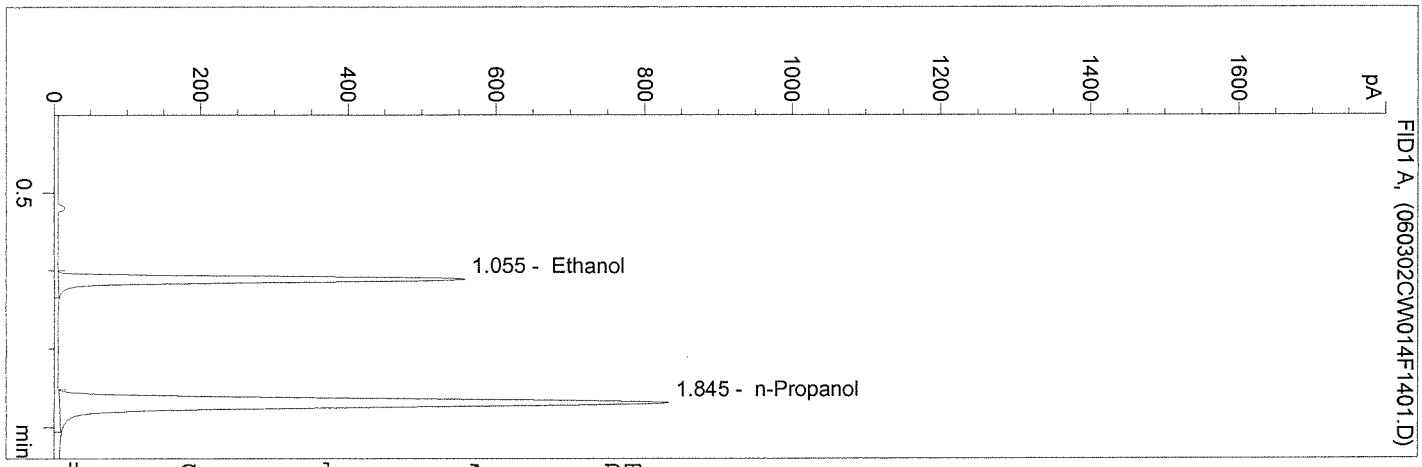
6/3/02 12:05:10 PM
Instrument 2
DB-ALC1

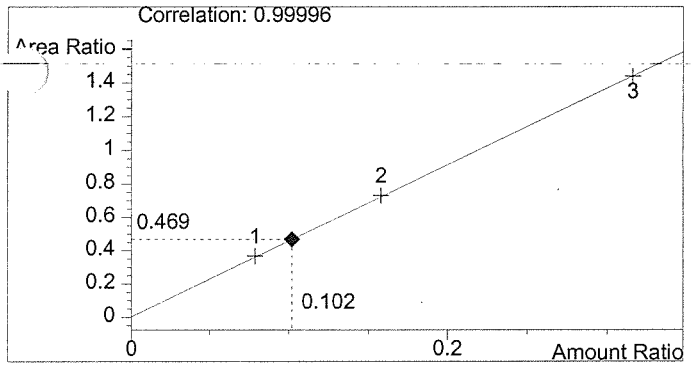
SIMSOL 02017 EF
EGLE WEISS

vial # 14

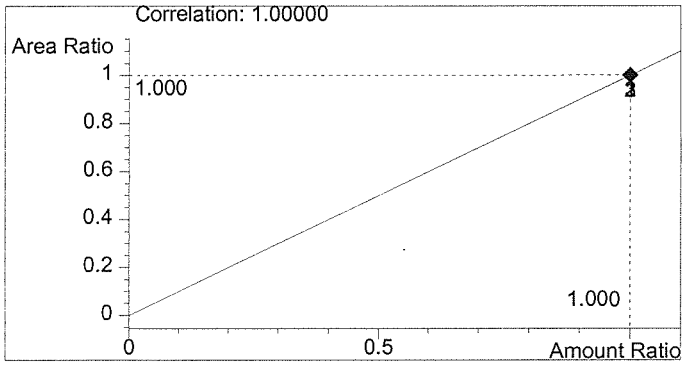


#	Compound	Area	RT
1	Ethanol	1487	1.055
2	n-Propanol	3173	1.845

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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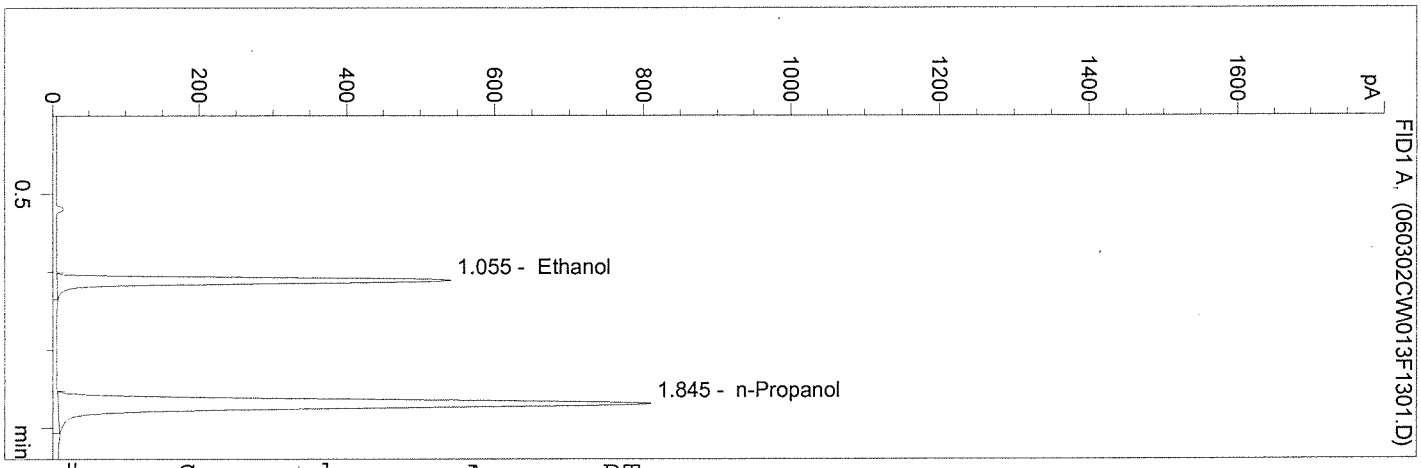
Instrument 2
-ALC1

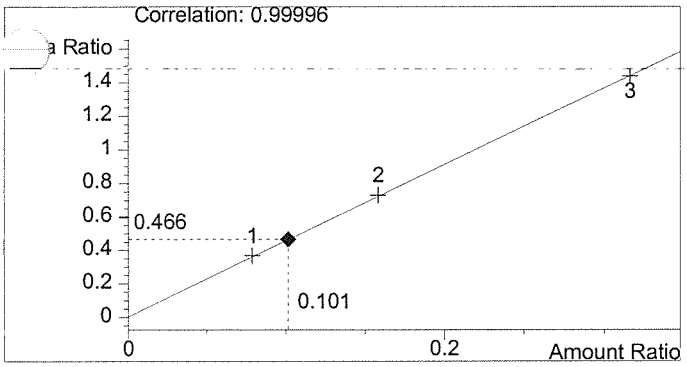
SIMSOL 02017 EF
EGLE WEISS

vial # 13

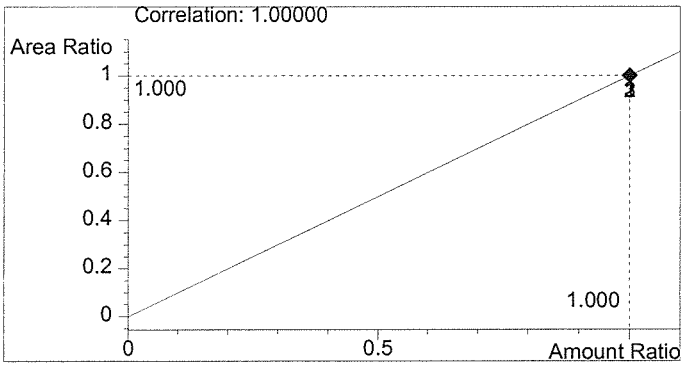


#	Compound	Area	RT
1	Ethanol	1439	1.055
2	n-Propanol	3089	1.845

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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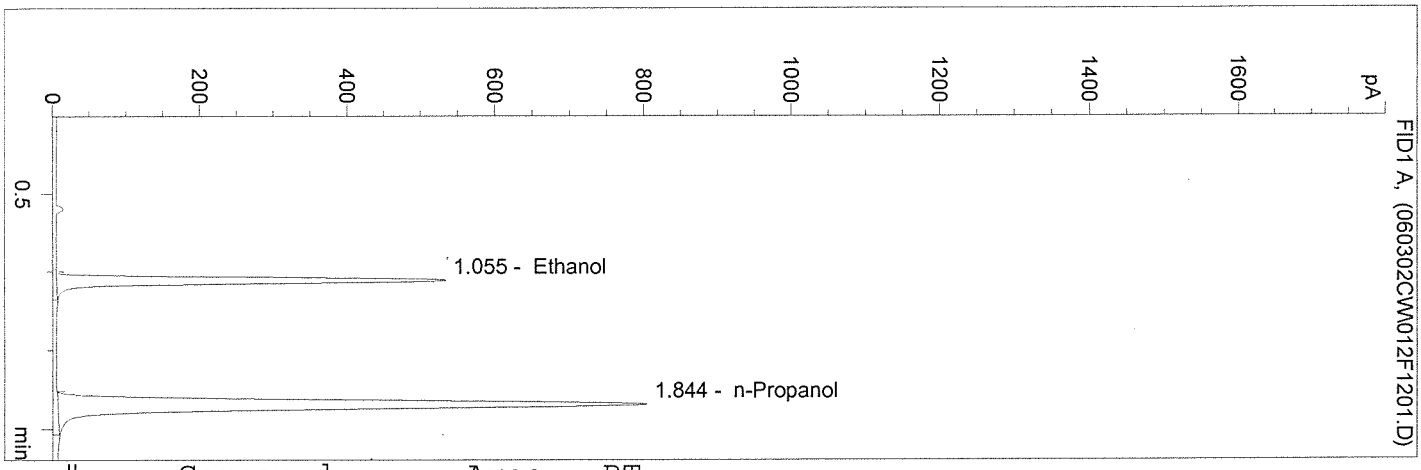
Instrument 2
-ALC1

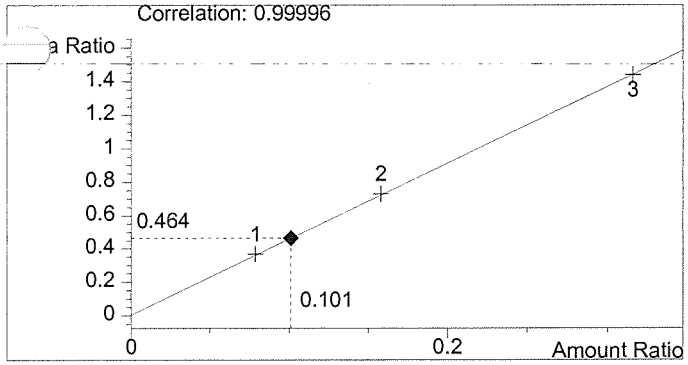
SIMSOL 02017 EF
EGLE WEISS

vial # 12

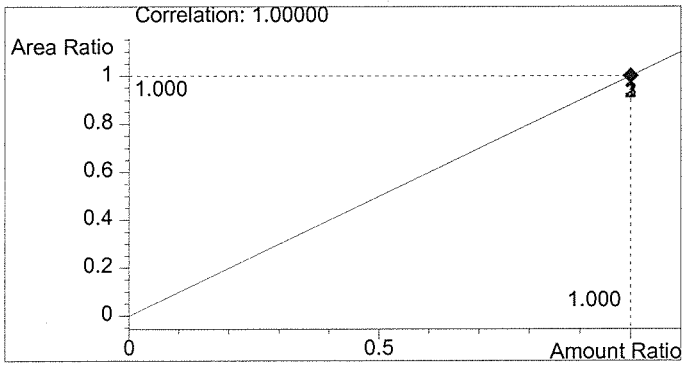


#	Compound	Area	RT
1	Ethanol	1428	1.055
2	n-Propanol	3077	1.844

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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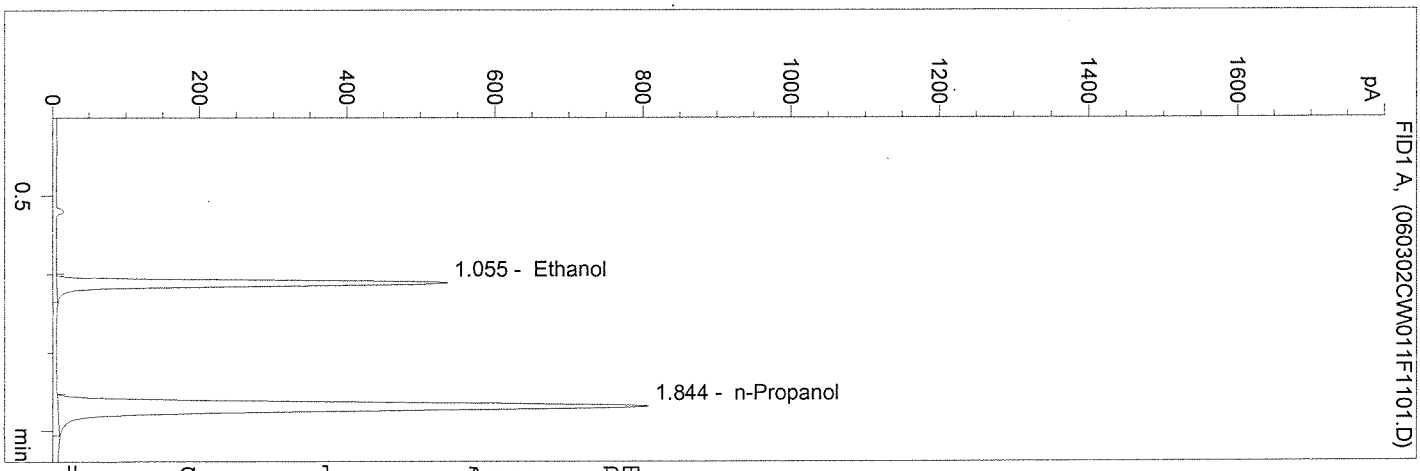
Instrument 2
-ALC1

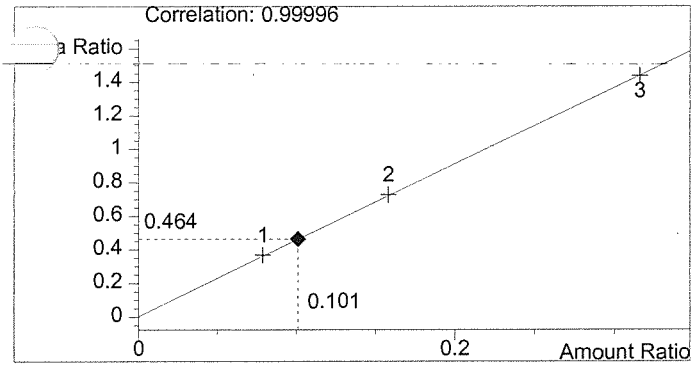
SIMSOL 02017 EF
EGLE WEISS

vial # 11

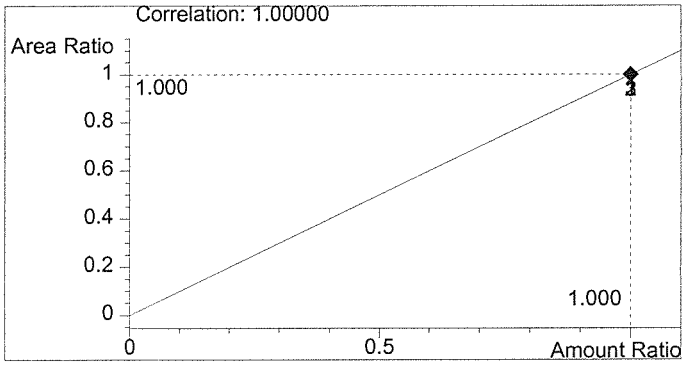


#	Compound	Area	RT
1	Ethanol	1431	1.055
2	n-Propanol	3084	1.844

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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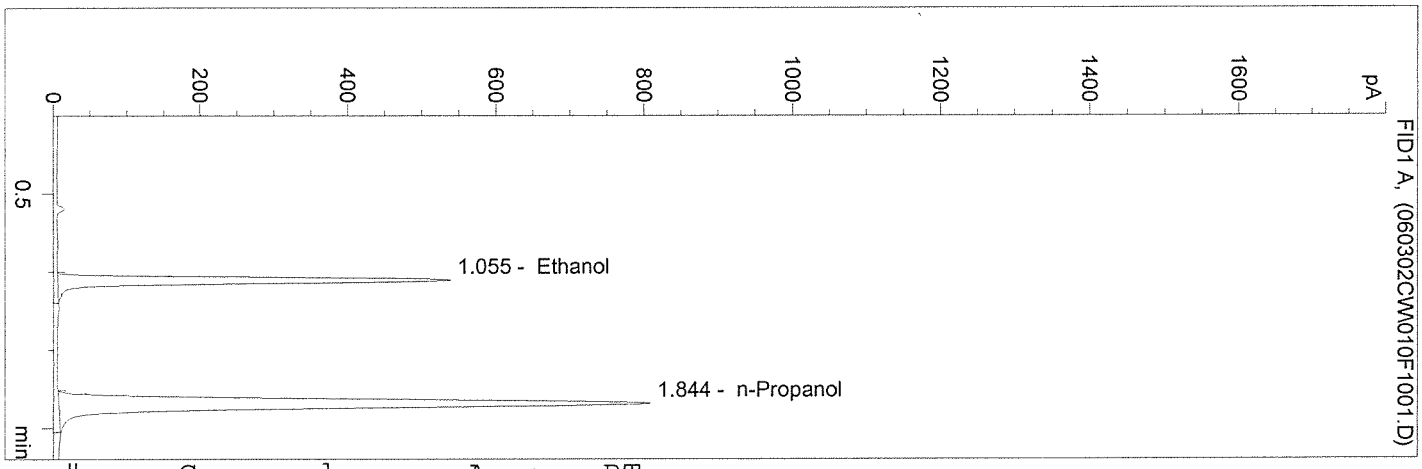
Instrument 2
-ALC1

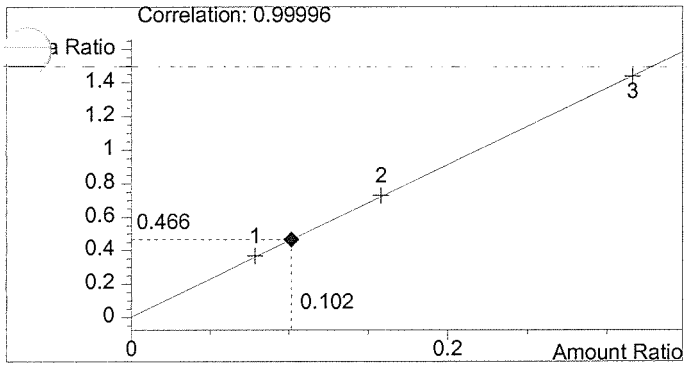
SIMSOL 02017 EF
EGLE WEISS

vial # 10

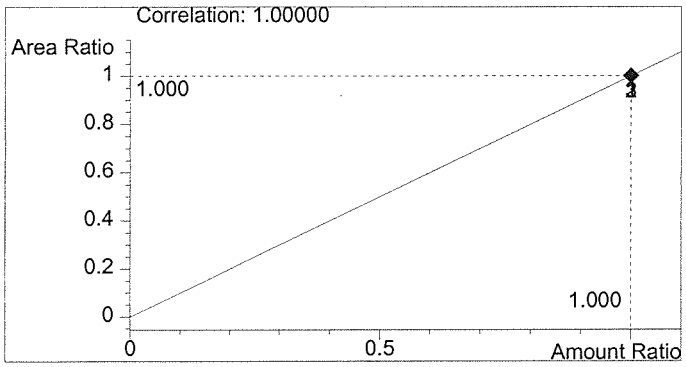


#	Compound	Area	RT
1	Ethanol	1440	1.055
2	n-Propanol	3087	1.844

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

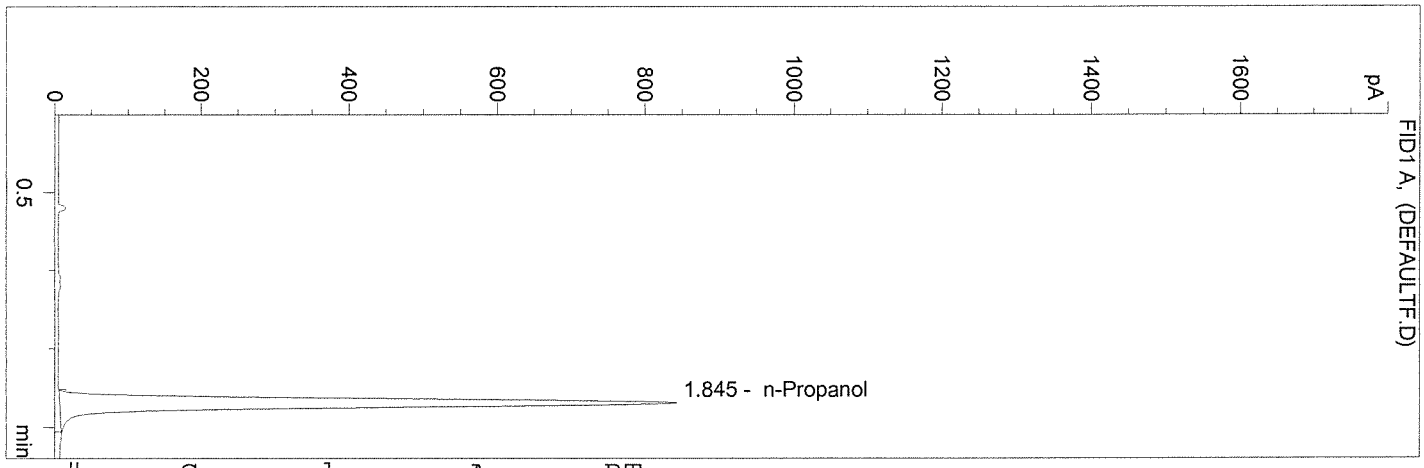
WASHINGTON STATE TOXICOLOGY LABORATORY

BLK

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/3/02 12:11:13 PM
Instrument 2
-ALC1

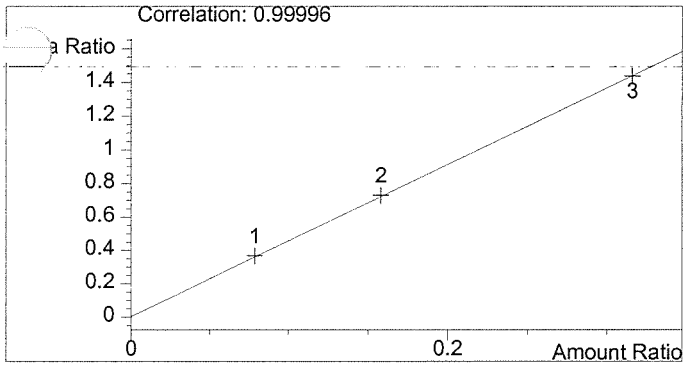
Sample Name:
EGLE WEISS

vial # 1

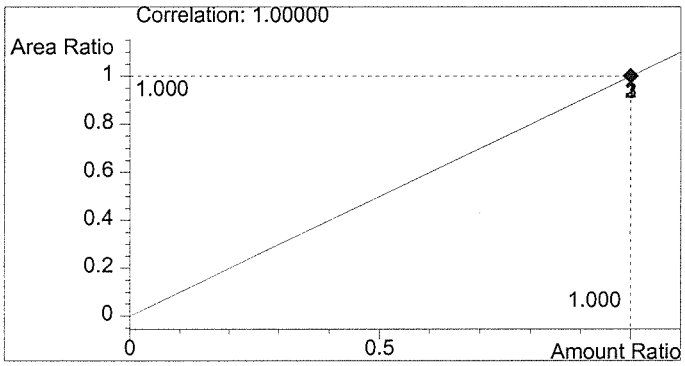


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3213	1.845

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

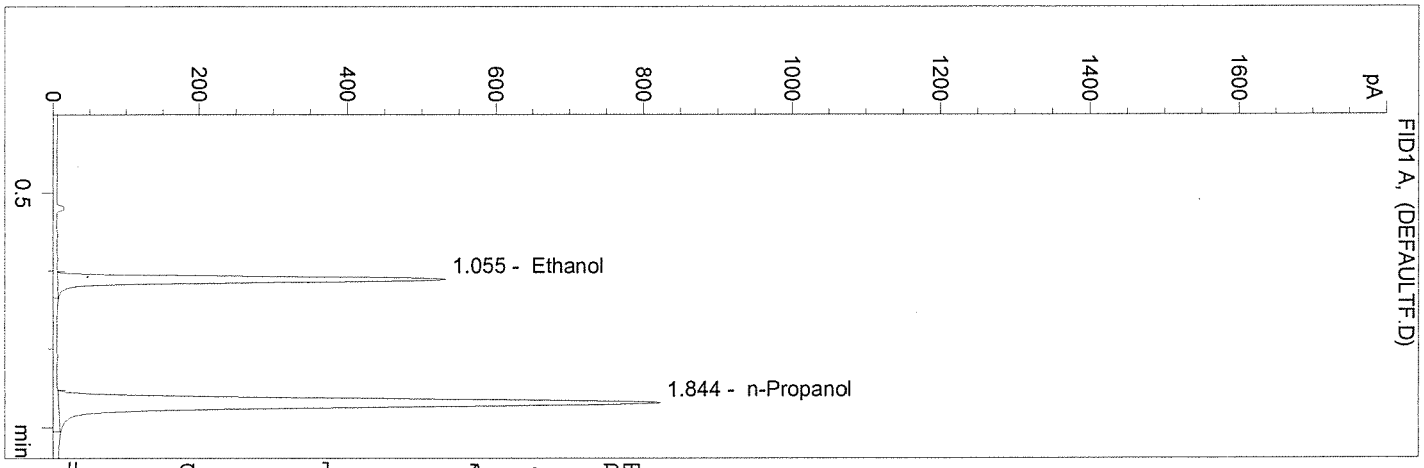
WASHINGTON STATE TOXICOLOGY LABORATORY

0.100 Control

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/3/02 12:08:11 PM
Instrument 2
-ALC1

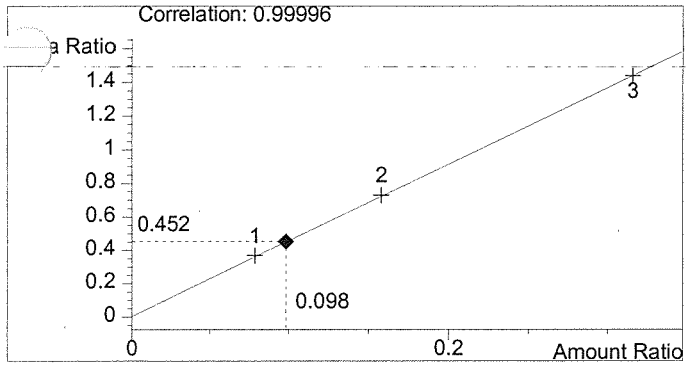
Sample Name:
EGLE WEISS

vial # 1

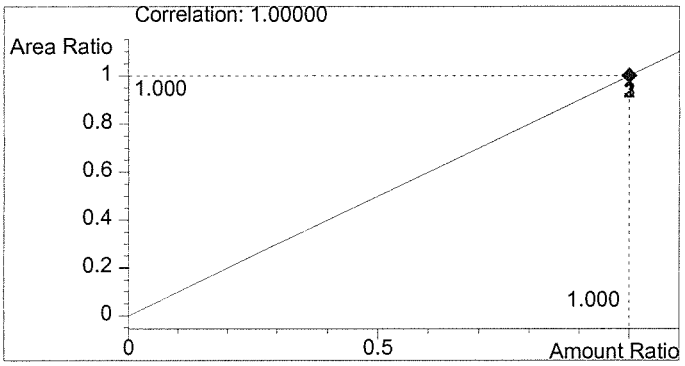


#	Compound	Area	RT
1	Ethanol	1418	1.055
2	n-Propanol	3136	1.844

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

STDS & CAL IN 023124

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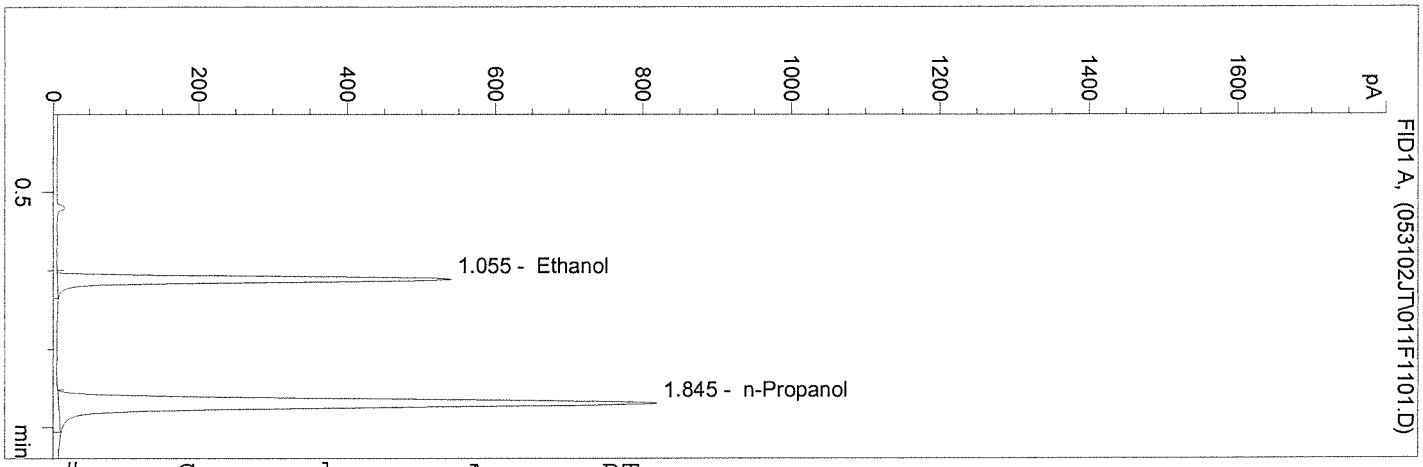
5/31/02 5:39:35 PM
Instrument 2
-ALC1

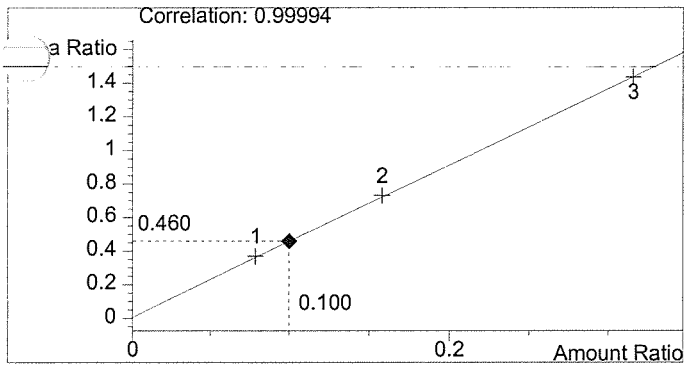
BATCH 02017
Jayne Thatcher

vial # 11

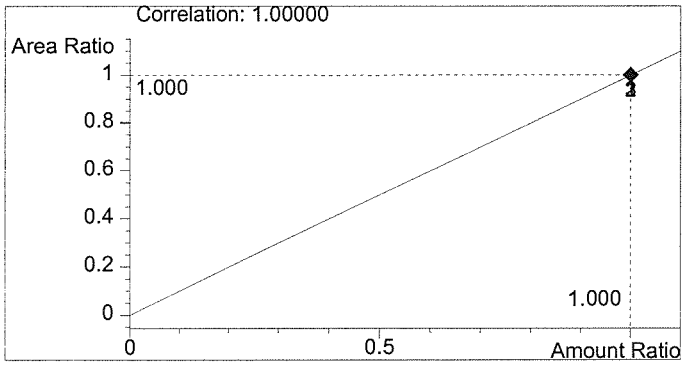


#	Compound	Area	RT
1	Ethanol	1439	1.055
2	n-Propanol	3129	1.845

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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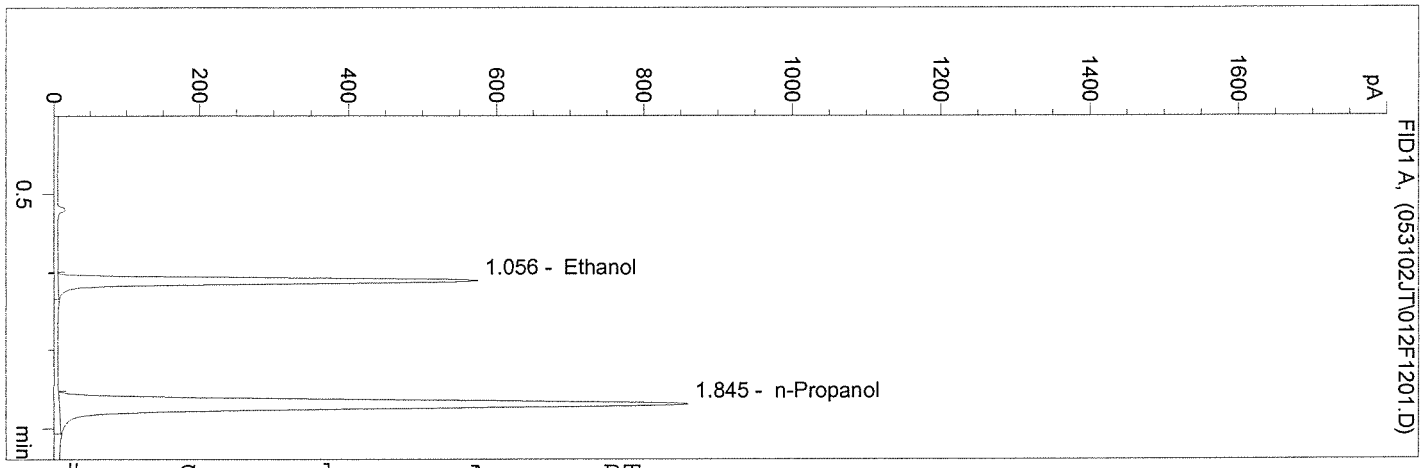
Instrument 2
-ALC1

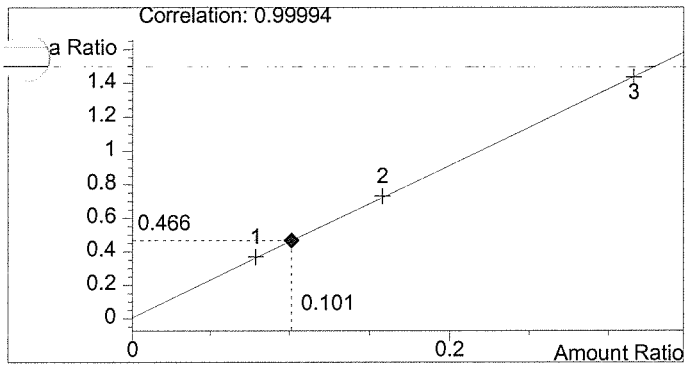
BATCH 02017
Jayne Thatcher

vial # 12

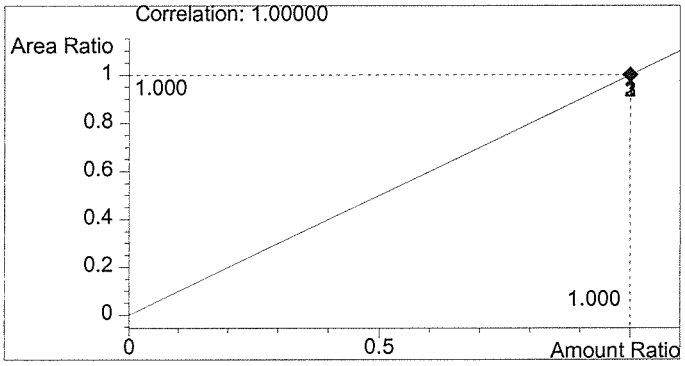


#	Compound	Area	RT
1	Ethanol	1535	1.056
2	n-Propanol	3292	1.845

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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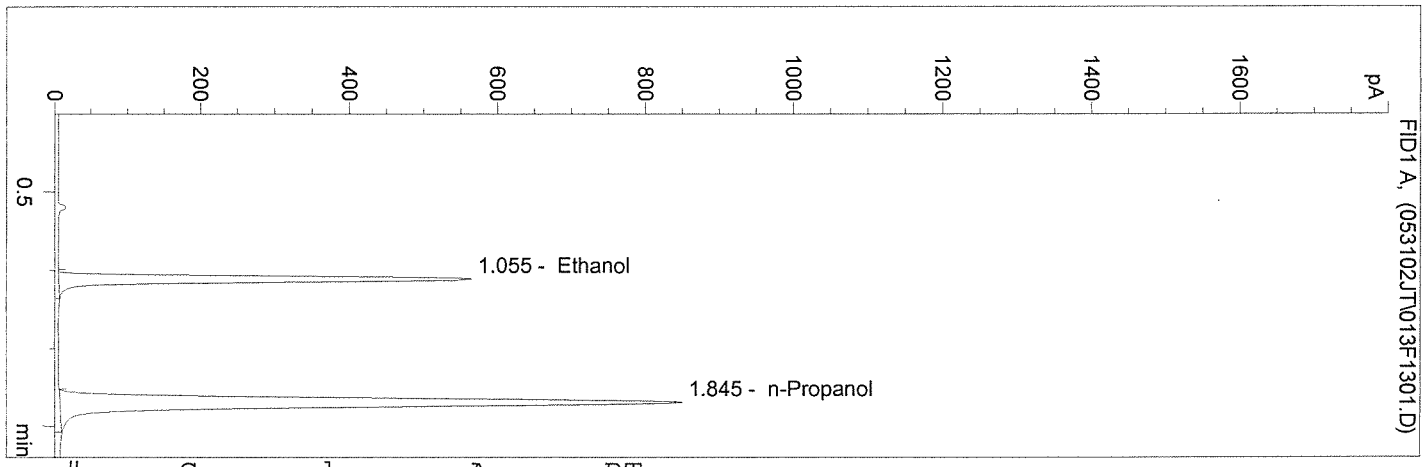
Instrument 2
-ALC1

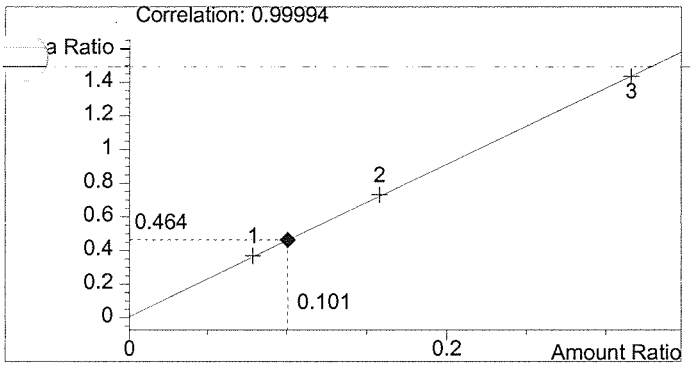
BATCH 02017
Jayne Thatcher

vial # 13

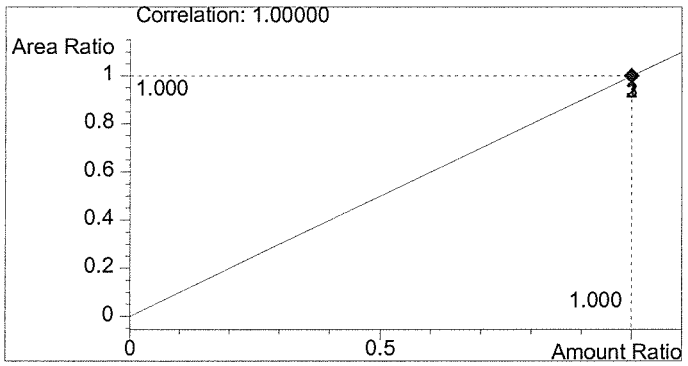


#	Compound	Area	RT
1	Ethanol	1508	1.055
2	n-Propanol	3252	1.845

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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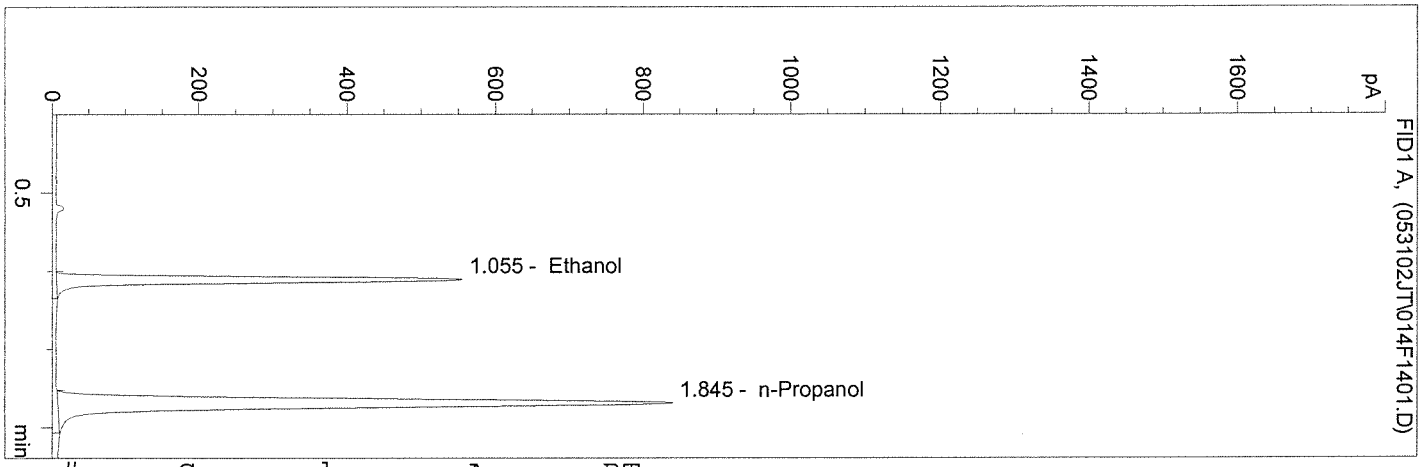
Instrument 2
-ALC1

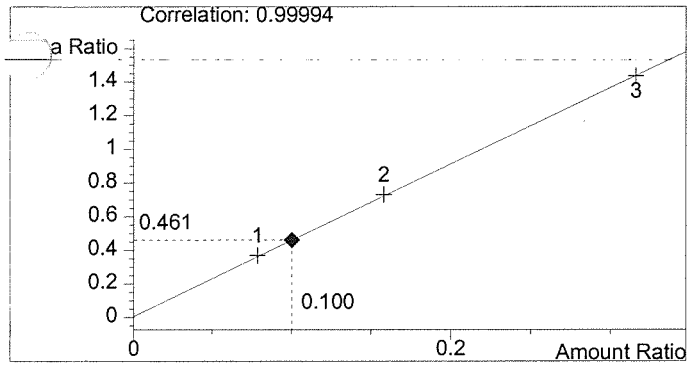
BATCH 02017
Jayne Thatcher

vial # 14

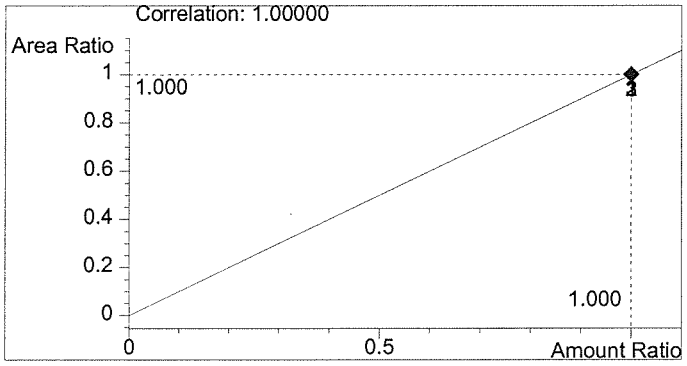


#	Compound	Area	RT
1	Ethanol	1484	1.055
2	n-Propanol	3216	1.845

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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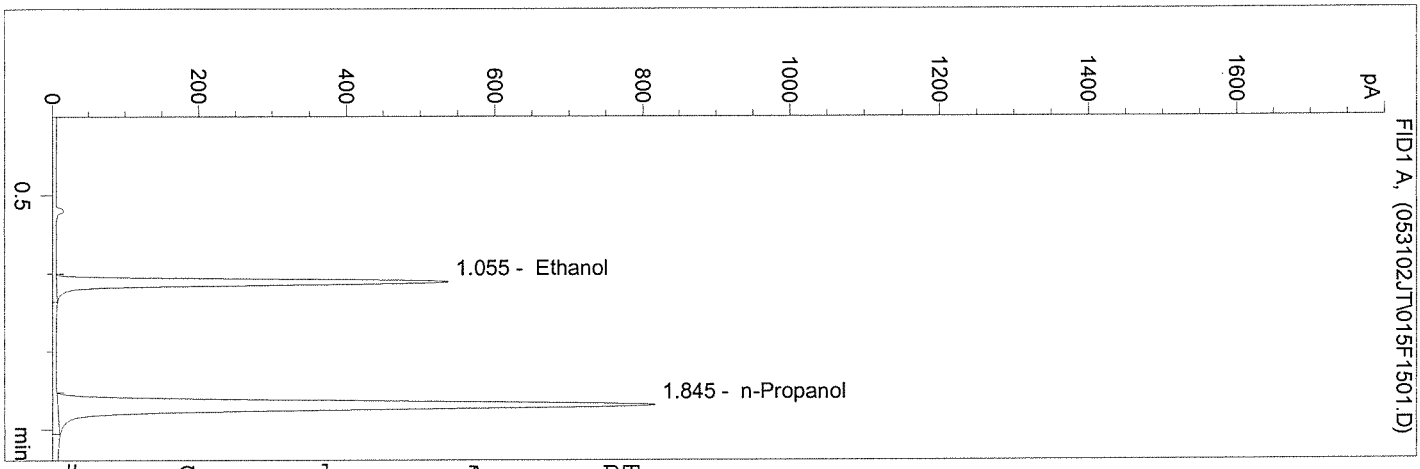
Instrument 2
-ALC1

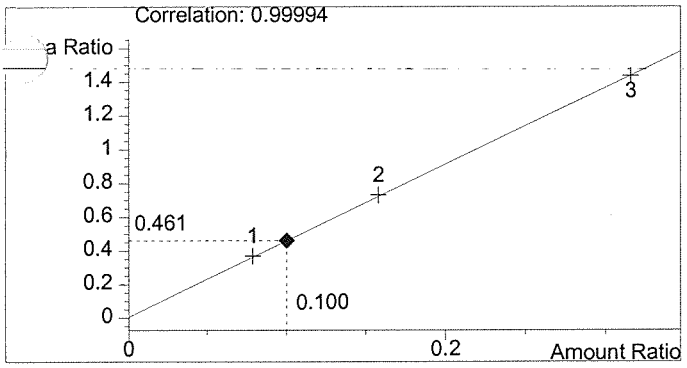
BATCH 02017
Jayne Thatcher

vial # 15

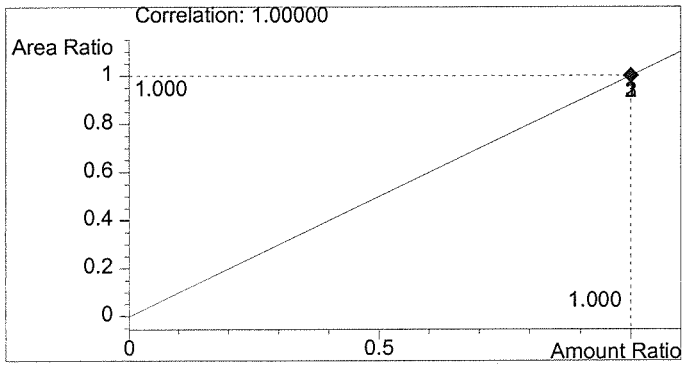


#	Compound	Area	RT
1	Ethanol	1441	1.055
2	n-Propanol	3127	1.845

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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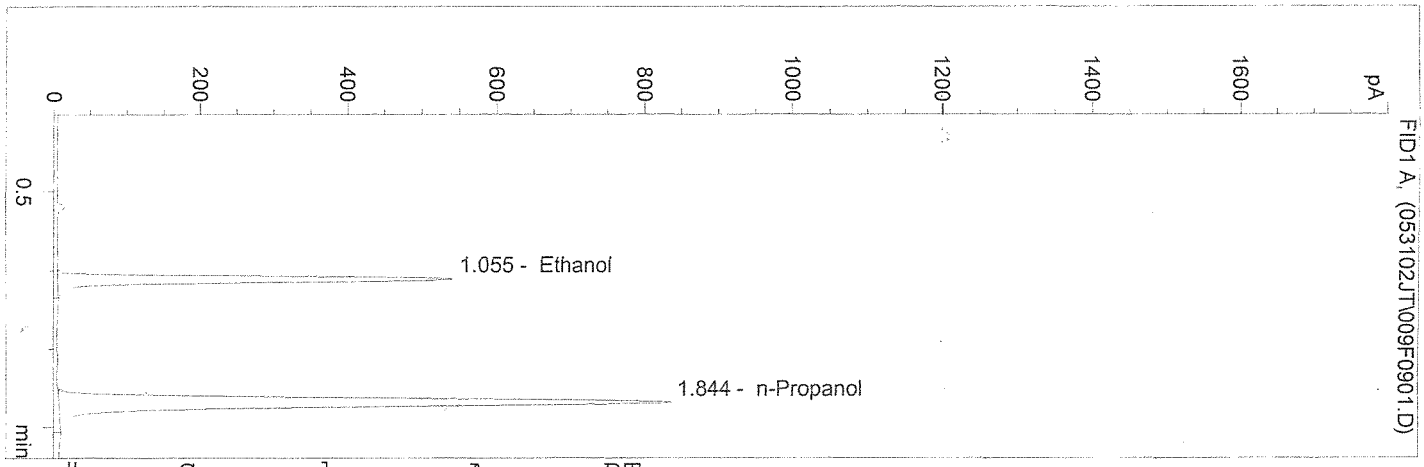
Instrument 2
B-ALC1

Start GH

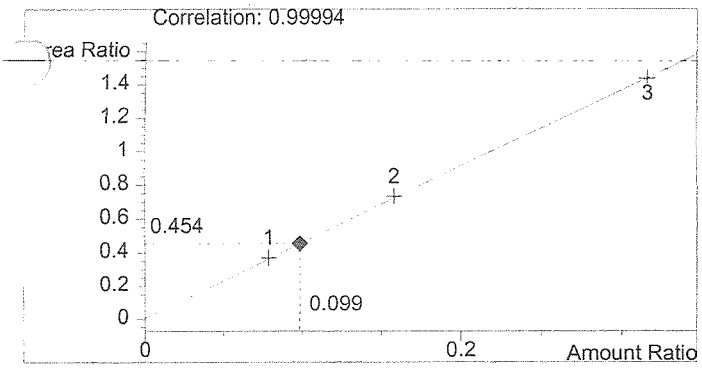
0.10 CONTROL
Jayne Thatcher

vial # 9

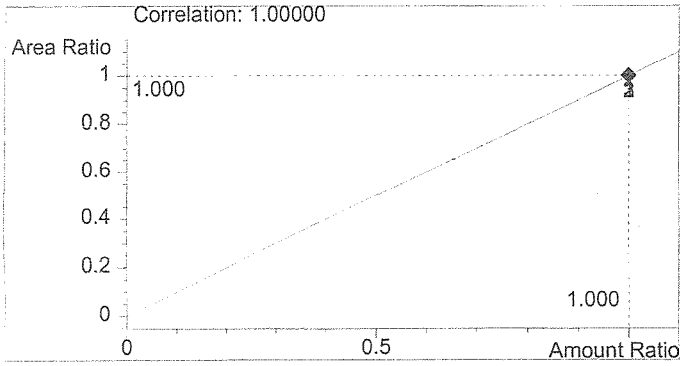


#	Compound	Area	RT
1	Ethanol	1450	1.055
2	n-Propanol	3196	1.844

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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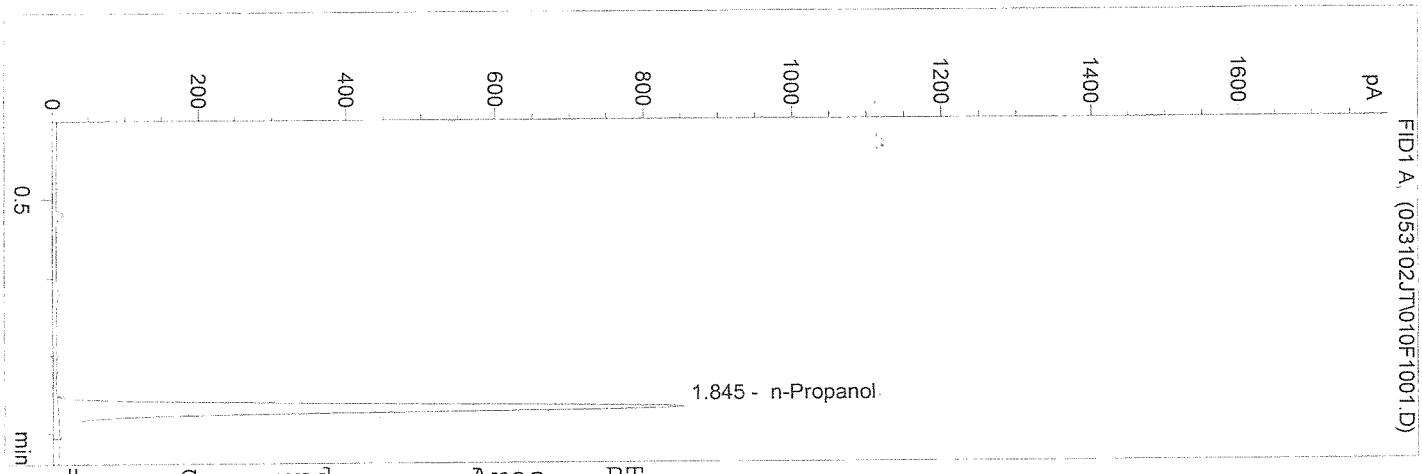
Instrument 2
DB-ALC1

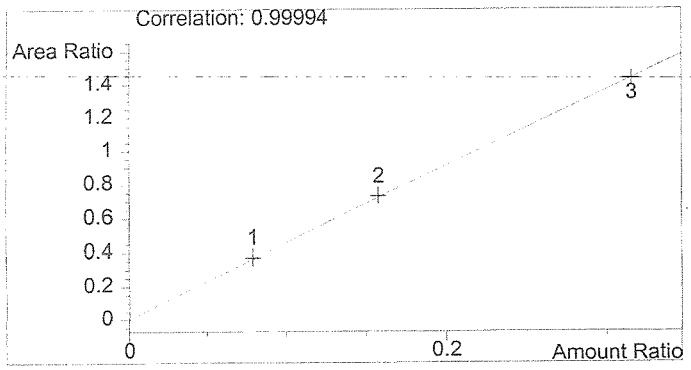
BLANK
Jayne Thatcher

vial # 10

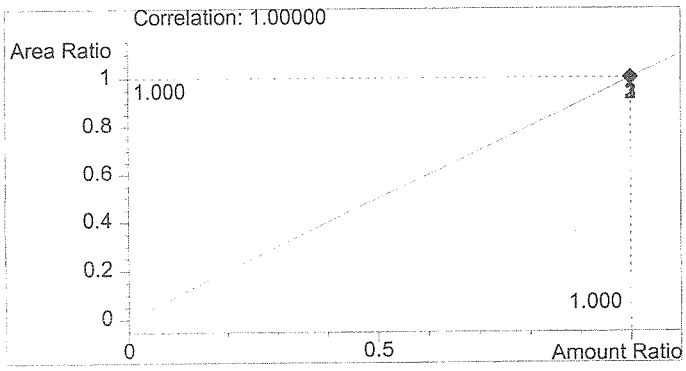


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3264	1.845

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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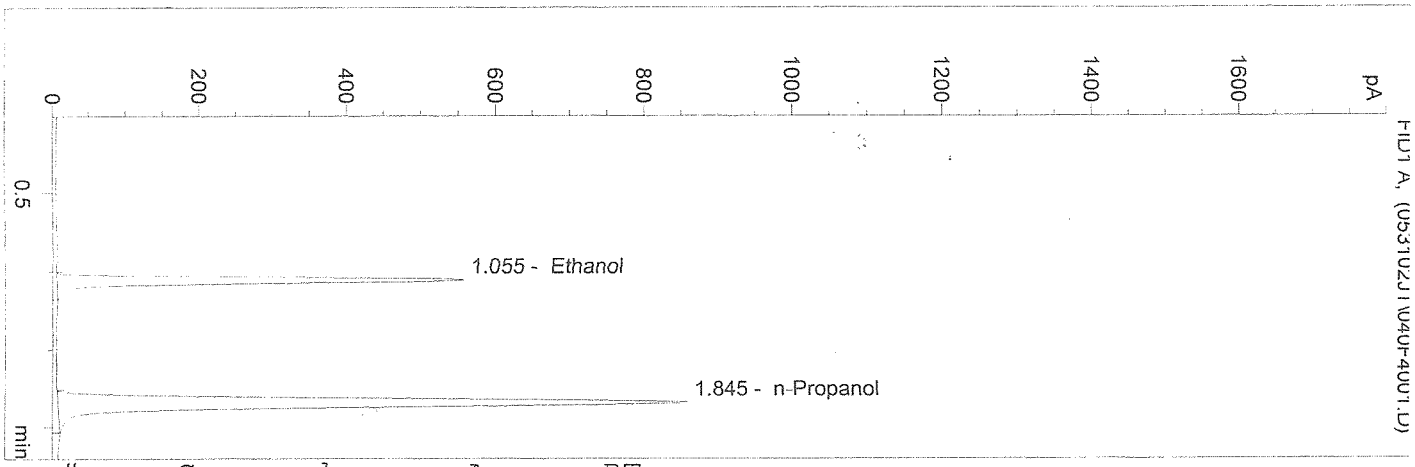
5/31/02 7:09:15 PM
Instrument 2
DB-ALC1

End CH

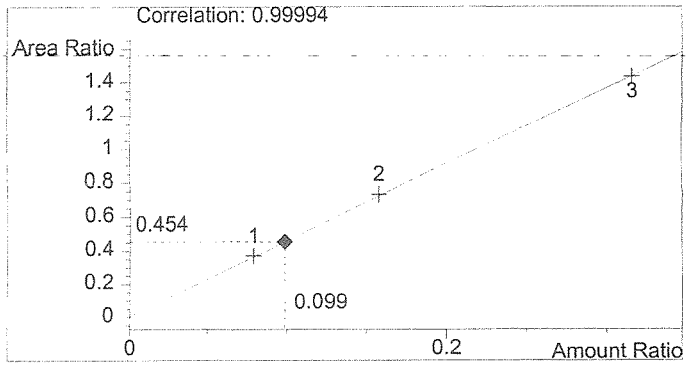
0.10 CONTROL
Jayne Thatcher

vial # 40

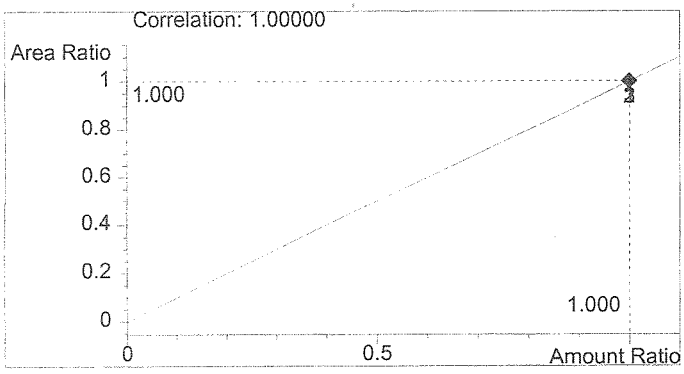


#	Compound	Area	RT
1	Ethanol	1489	1.055
2	n-Propanol	3280	1.845

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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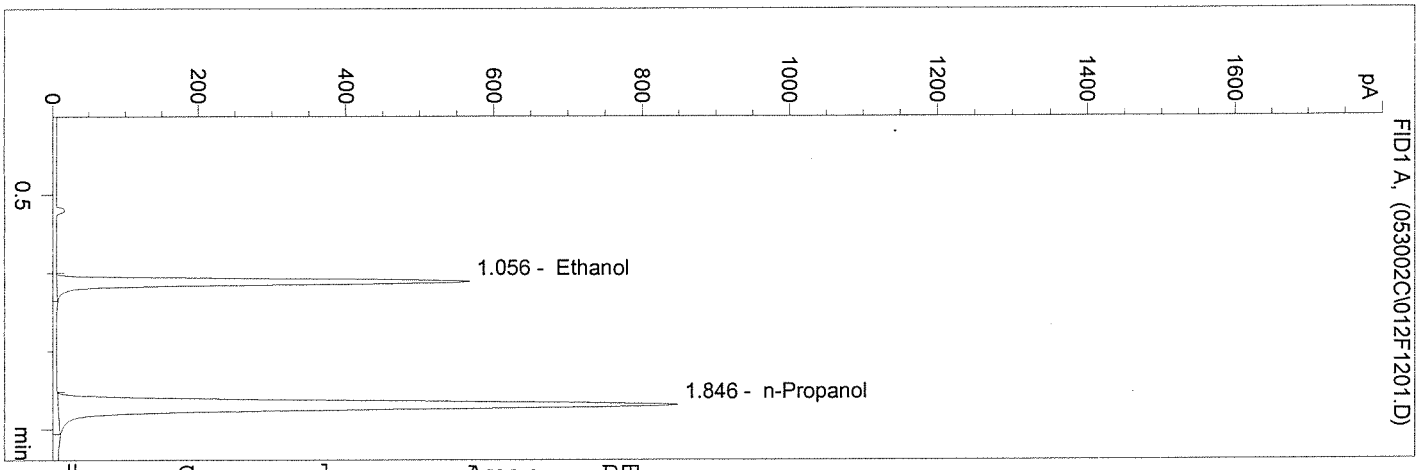
5/30/02 8:24:04 AM
Instrument 2
-ALC1

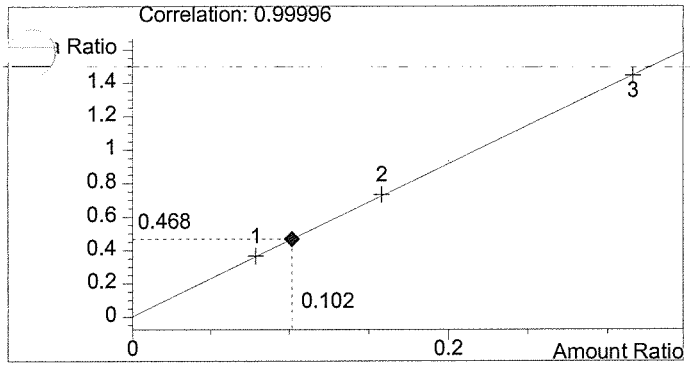
02017 sim soln
m pemberton

vial # 12

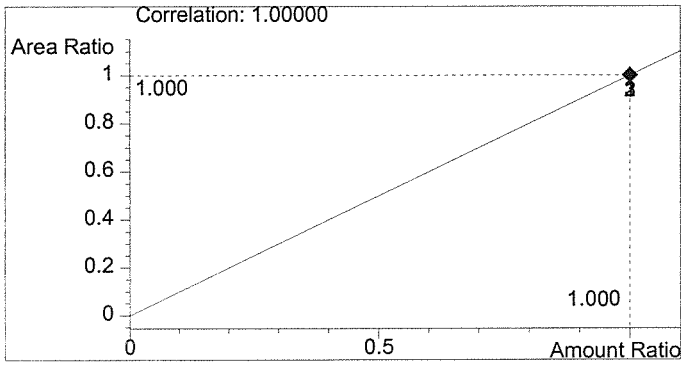


#	Compound	Area	RT
1	Ethanol	1516	1.056
2	n-Propanol	3241	1.846

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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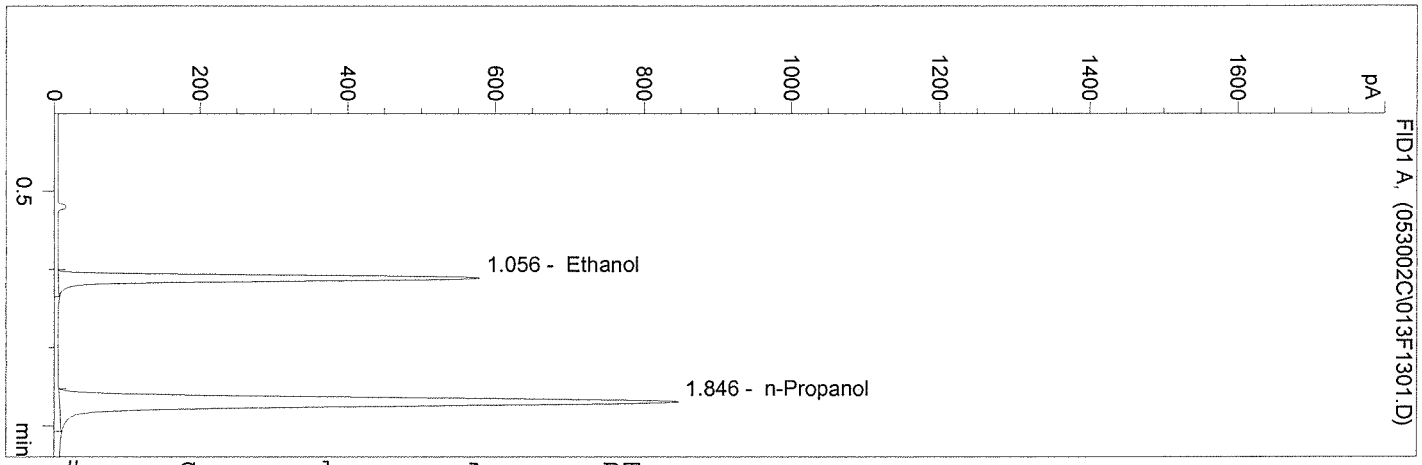
Instrument 2
-ALC1

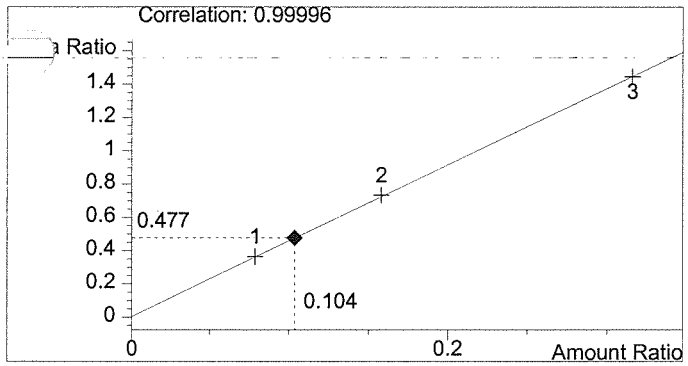
02017 sim soln
m pemberton

vial # 13

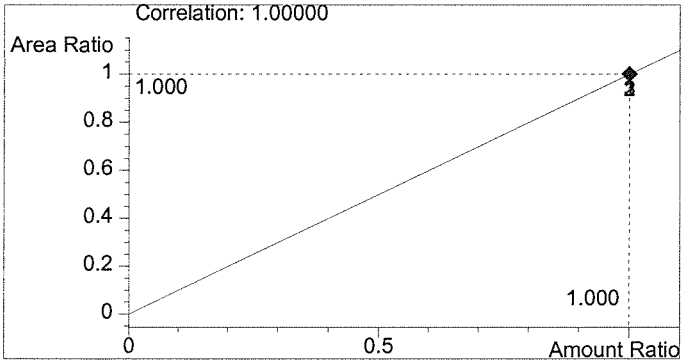


#	Compound	Area	RT
1	Ethanol	1545	1.056
2	n-Propanol	3241	1.846

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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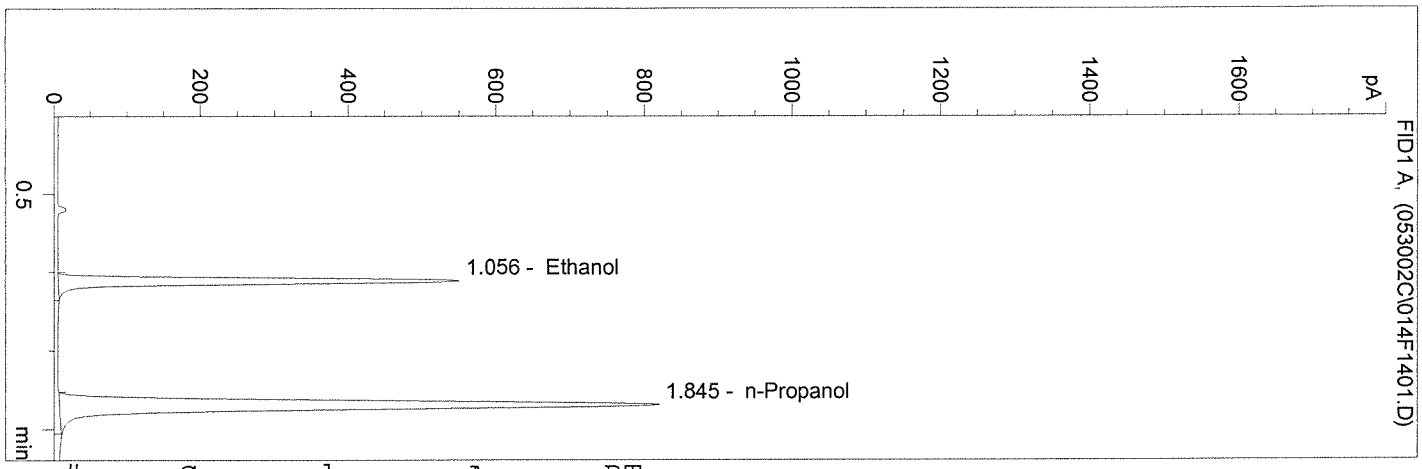
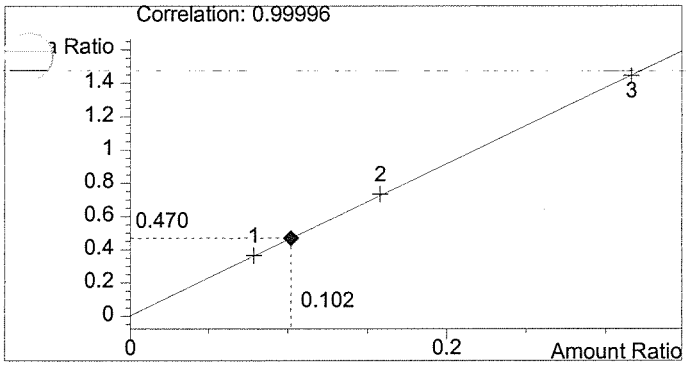
02017 sim soln
m pemberton

vial # 14

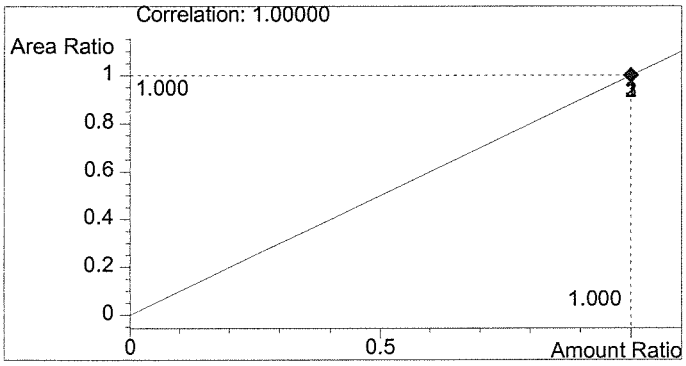


#	Compound	Area	RT
1	Ethanol	1470	1.056
2	n-Propanol	3130	1.845

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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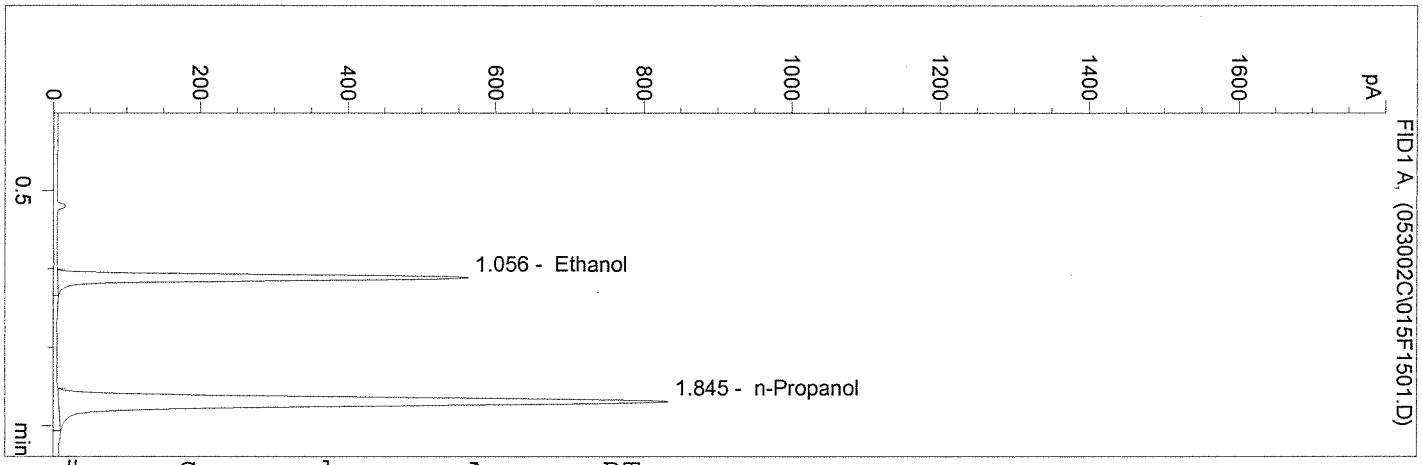
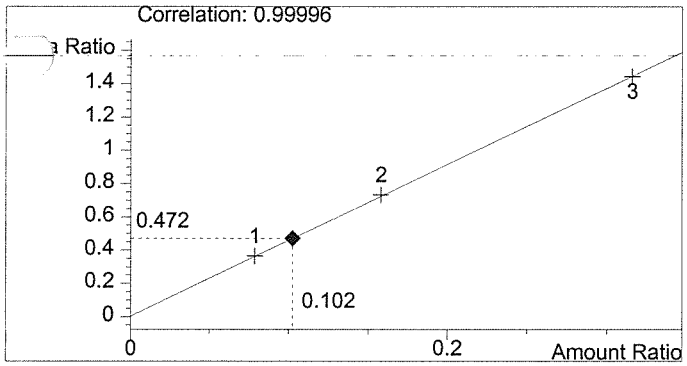
02017 sim soln
m pemberton

vial # 15

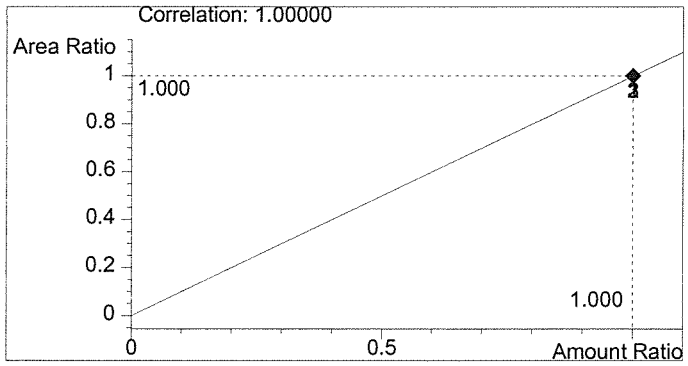


#	Compound	Area	RT
1	Ethanol	1502	1.056
2	n-Propanol	3183	1.845

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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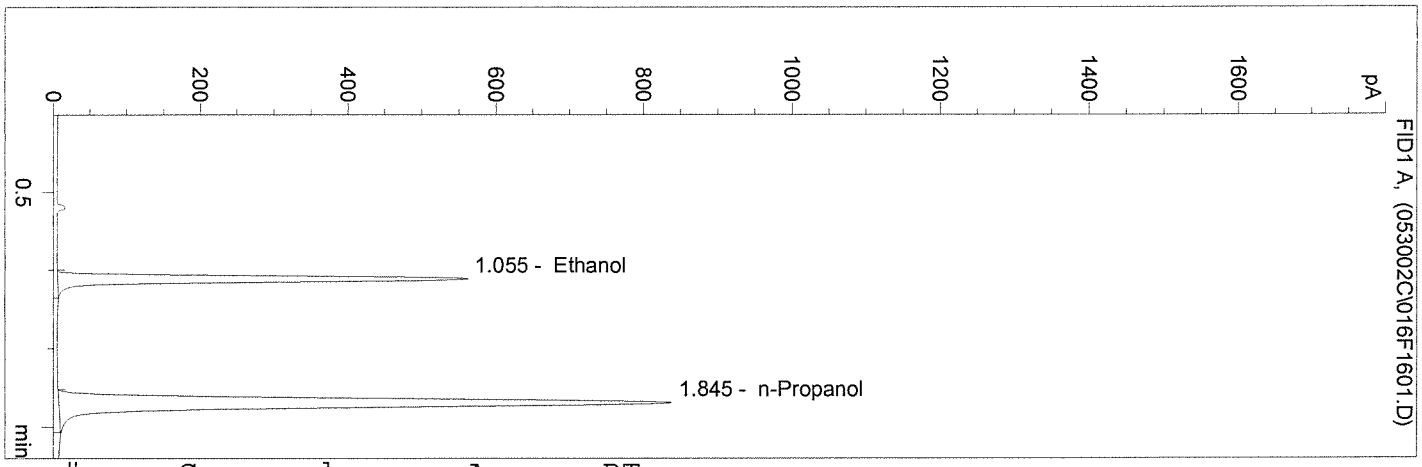
Instrument 2
-ALC1

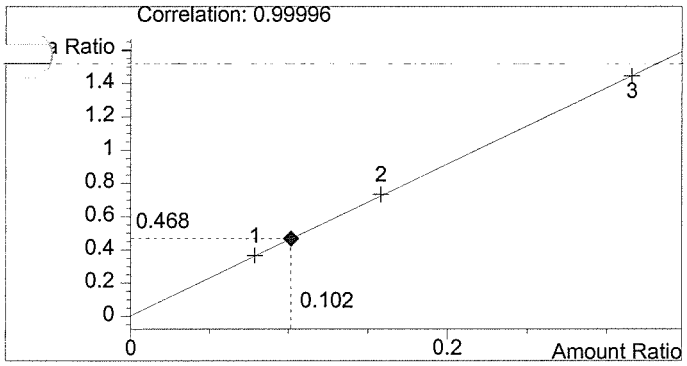
02017 sim soln
m pemberton

vial # 16

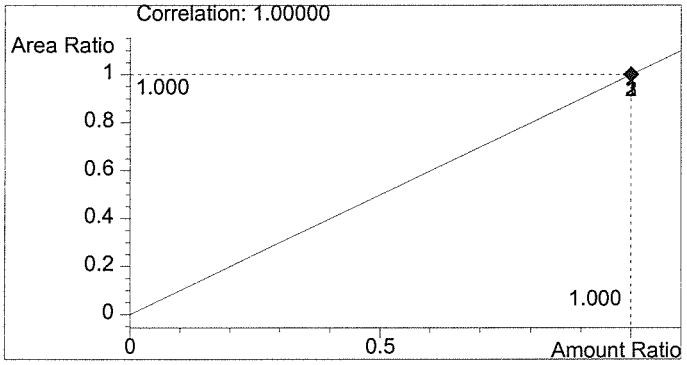


#	Compound	Area	RT
1	Ethanol	1498	1.055
2	n-Propanol	3204	1.845

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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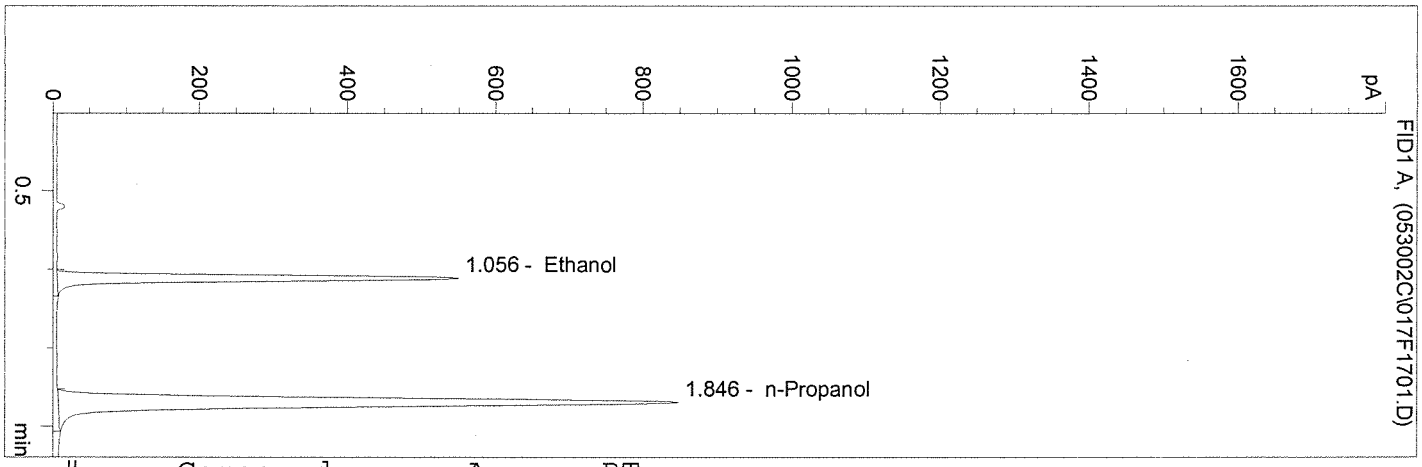
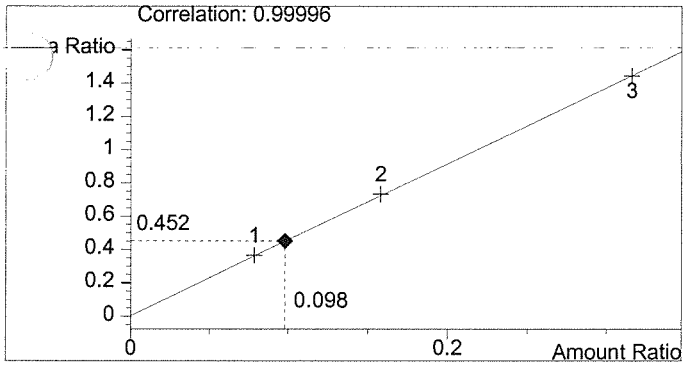
0.100 cap
m pemberton

vial # 17

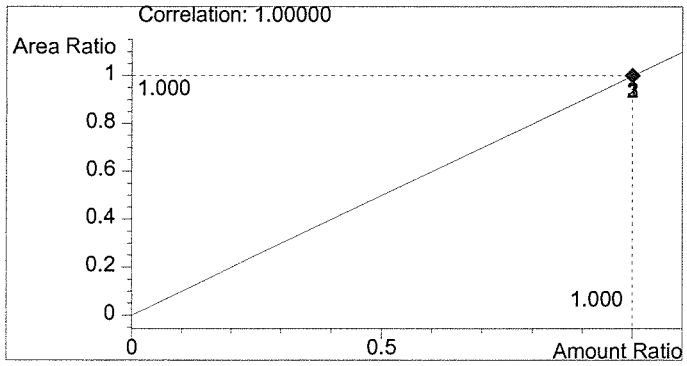


#	Compound	Area	RT
1	Ethanol	1463	1.056
2	n-Propanol	3238	1.846

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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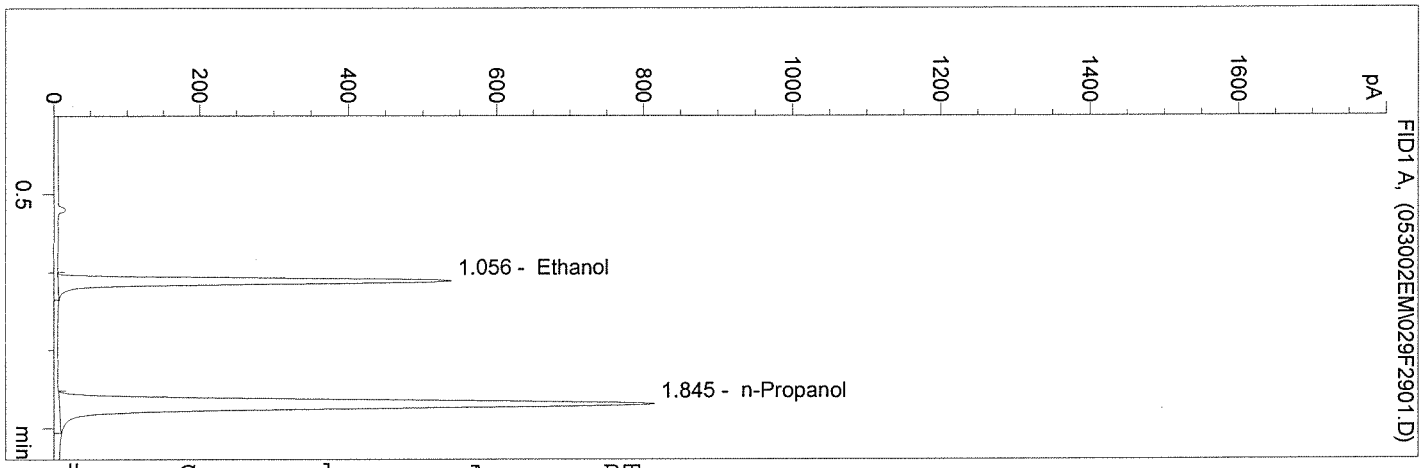
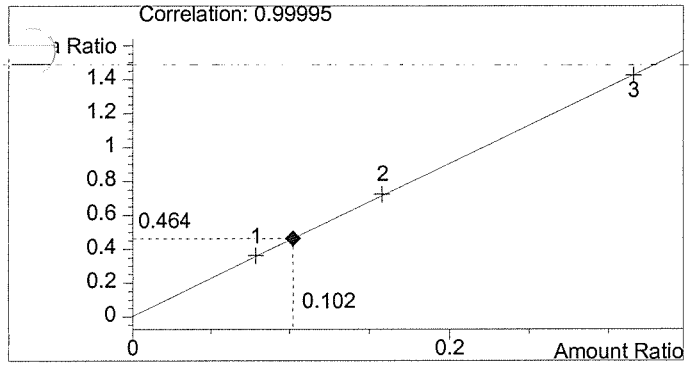
Sim. Sol. 02017
Estuardo J. Miranda

vial # 29

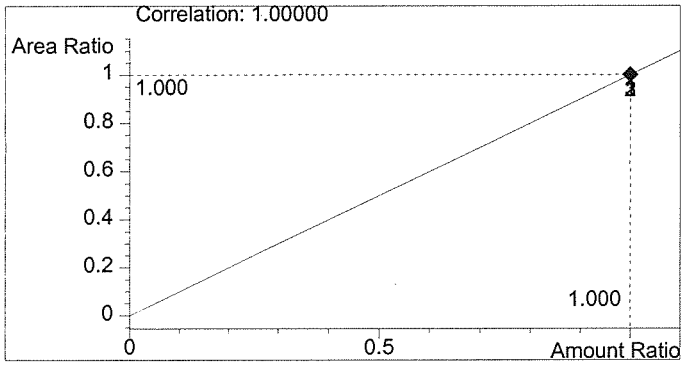


#	Compound	Area	RT
1	Ethanol	1445	1.056
2	n-Propanol	3112	1.845

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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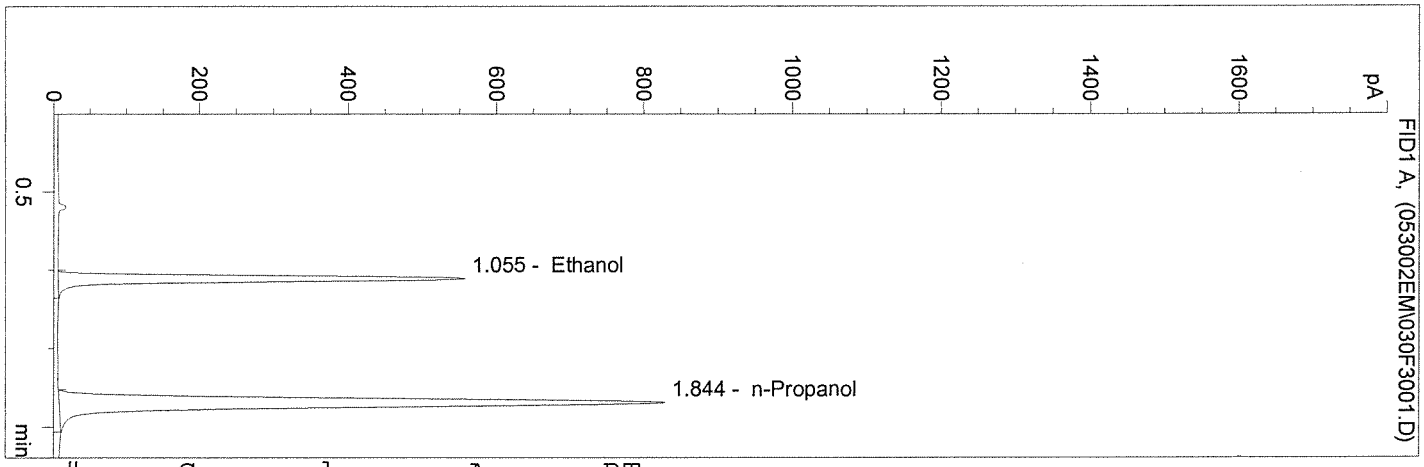
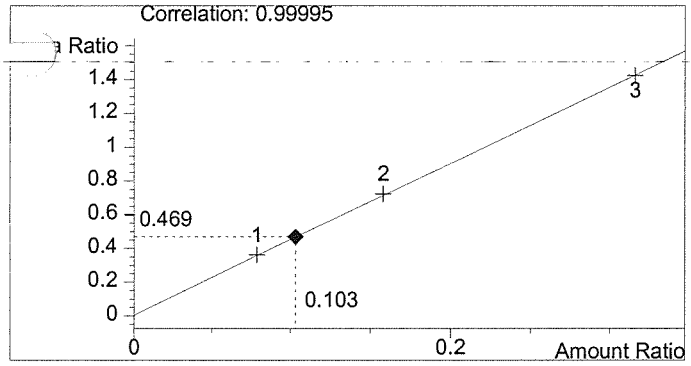
Sim. Sol. 02017
Estuardo J. Miranda

vial # 30

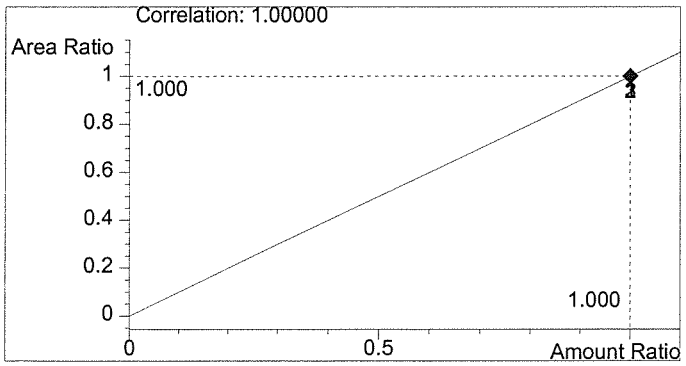


#	Compound	Area	RT
1	Ethanol	1483	1.055
2	n-Propanol	3162	1.844

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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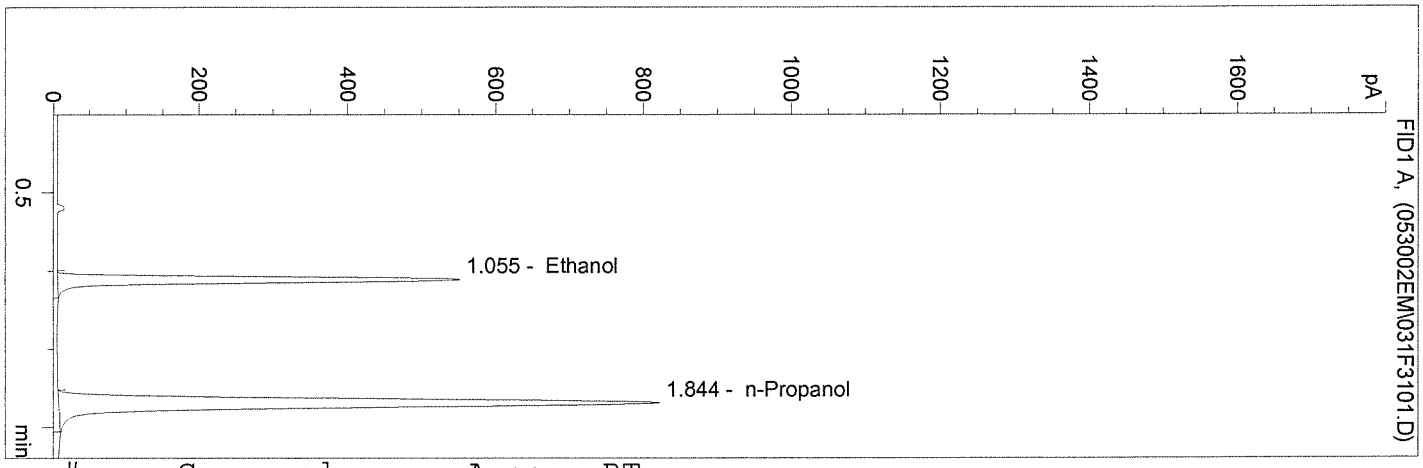
Instrument 2
-ALC1

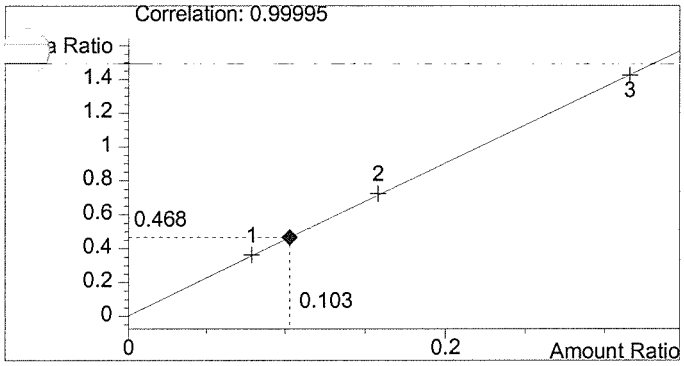
Sim. Sol. 02017
Estuardo J. Miranda

vial # 31

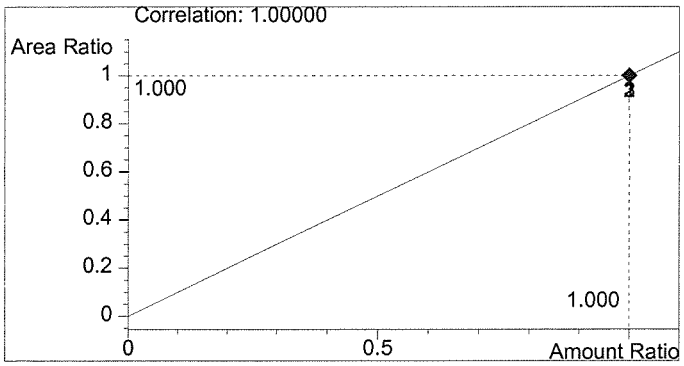


#	Compound	Area	RT
1	Ethanol	1468	1.055
2	n-Propanol	3139	1.844

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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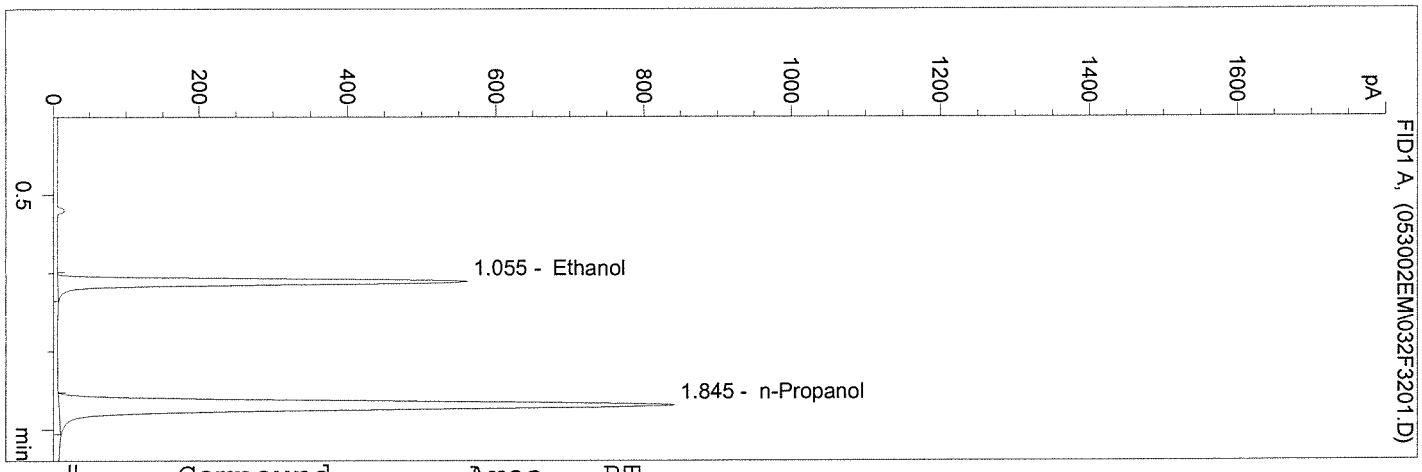
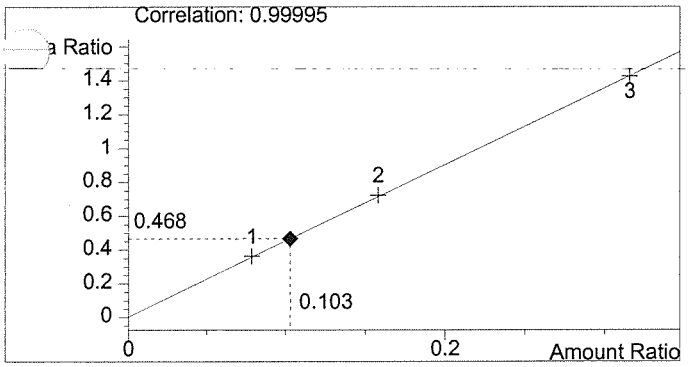
Sim. Sol. 02017
Estuardo J. Miranda

vial # 32

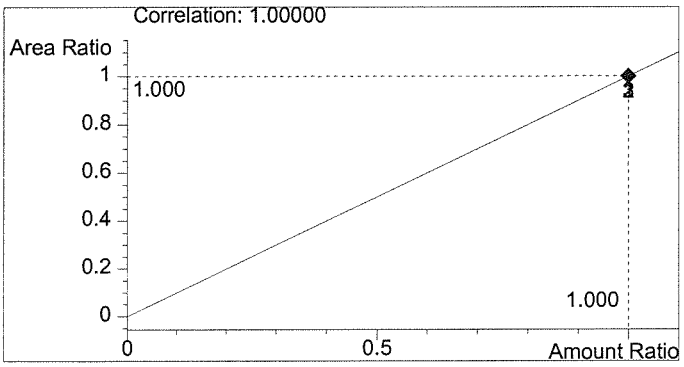


#	Compound	Area	RT
1	Ethanol	1501	1.055
2	n-Propanol	3207	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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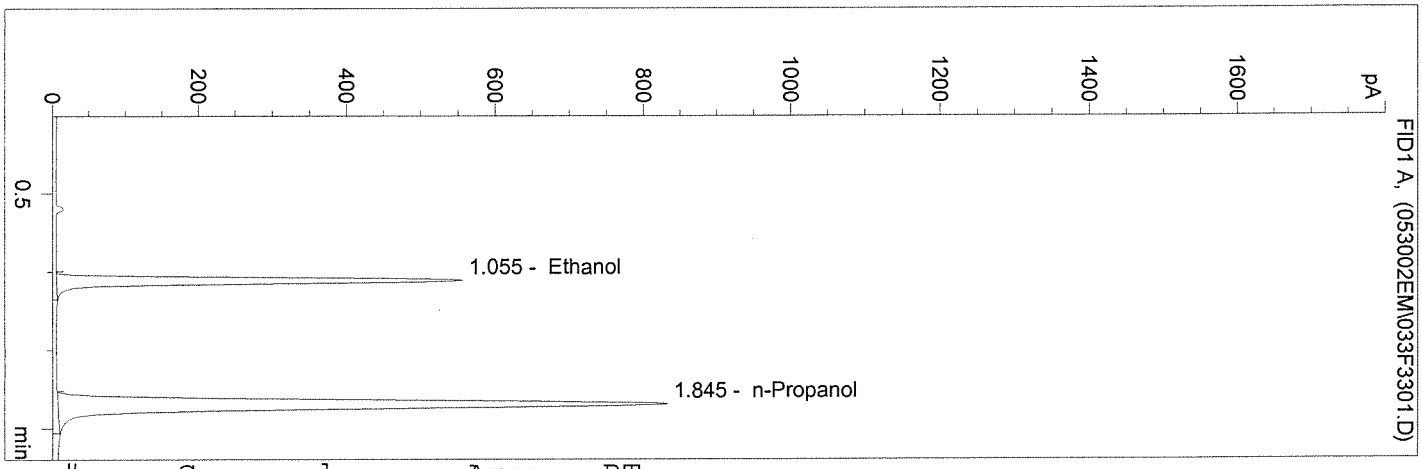
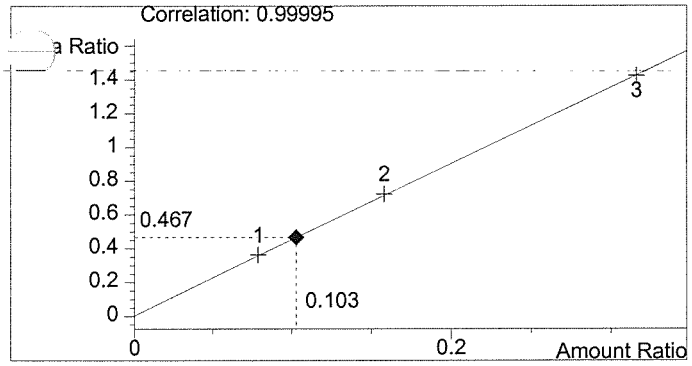
Sim. Sol. 02017
Estuardo J. Miranda

vial # 33

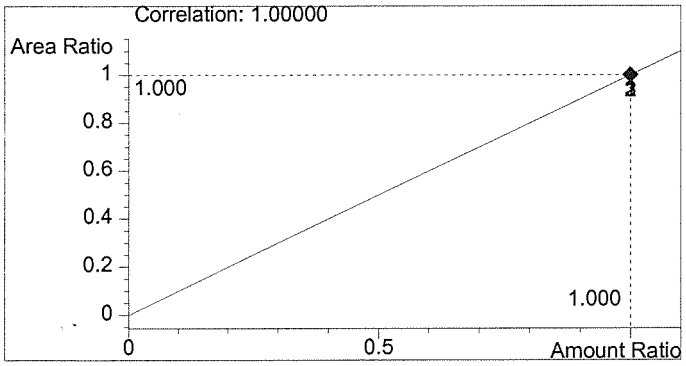


#	Compound	Area	RT
1	Ethanol	1482	1.055
2	n-Propanol	3174	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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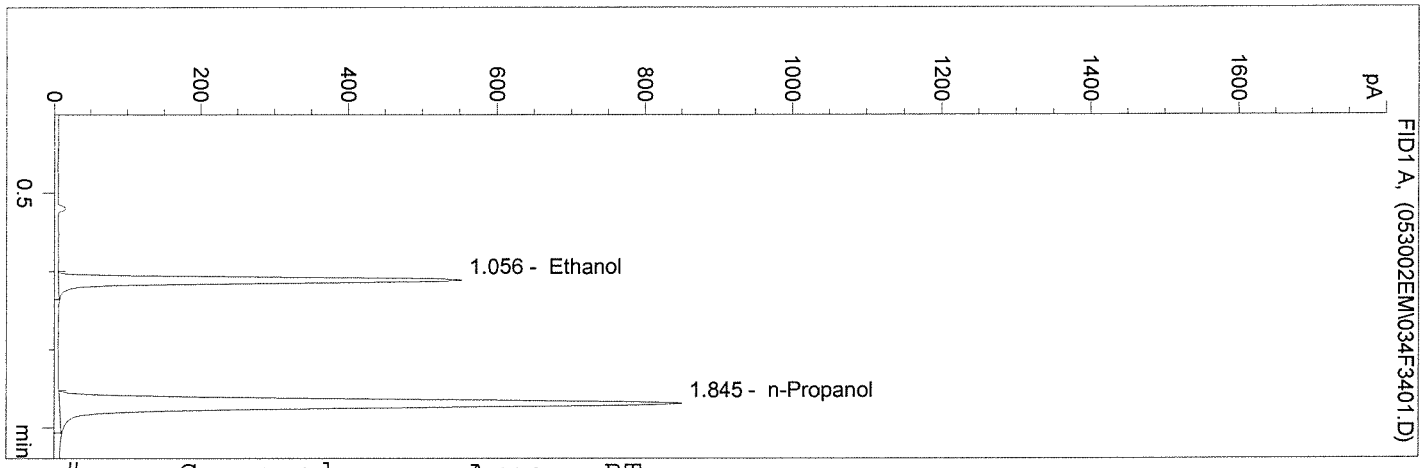
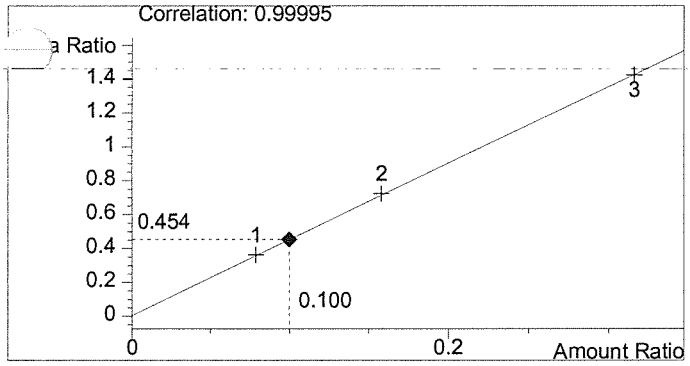
0.100 Control
Estuardo J. Miranda

vial # 34

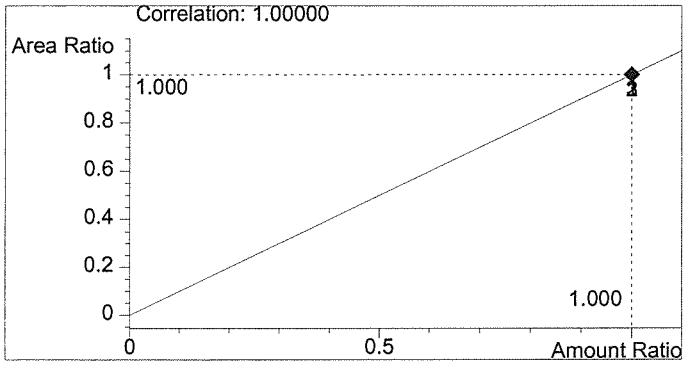


#	Compound	Area	RT
1	Ethanol	1476	1.056
2	n-Propanol	3250	1.845

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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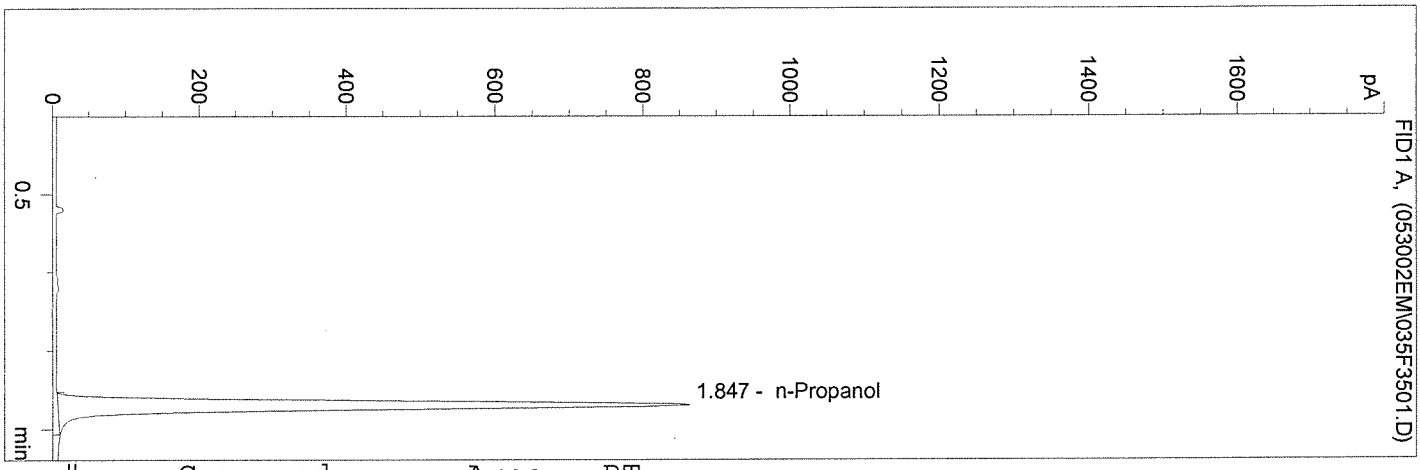
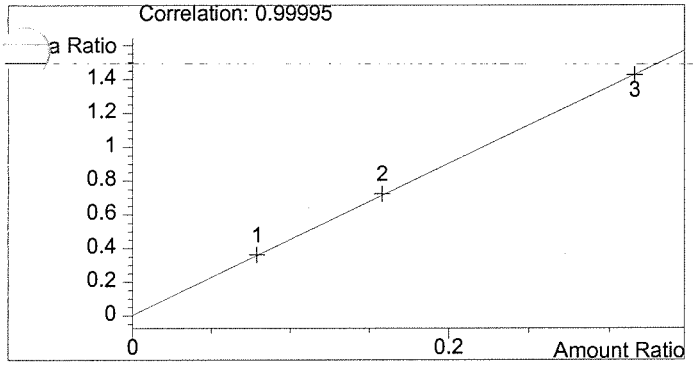
Estuardo J. Miranda

vial # 35

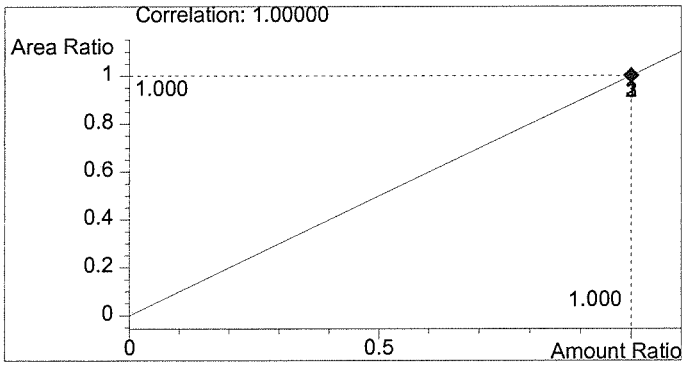


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3288	1.847

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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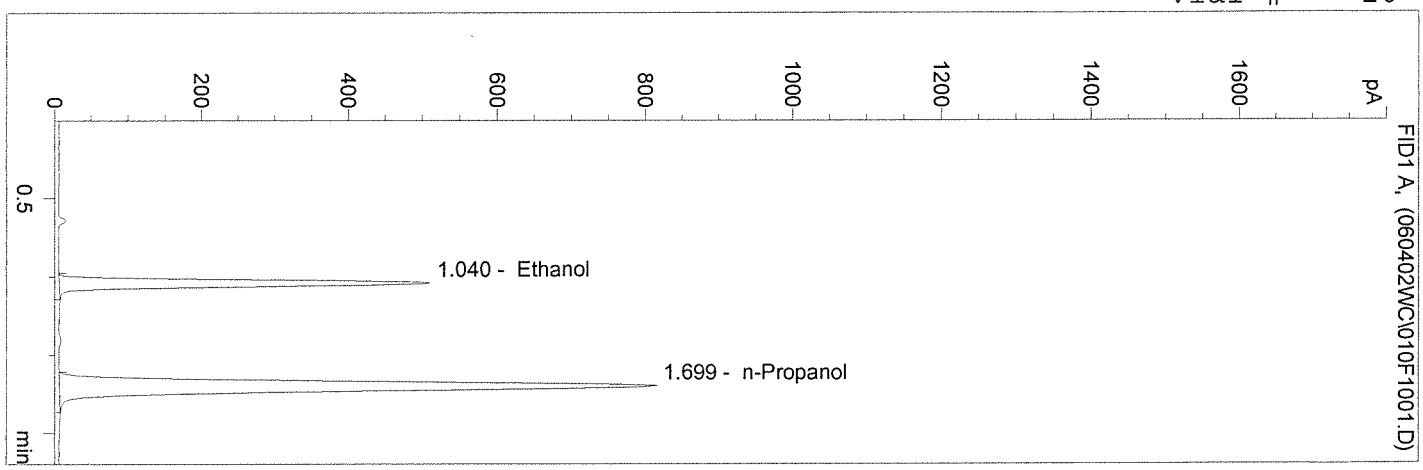
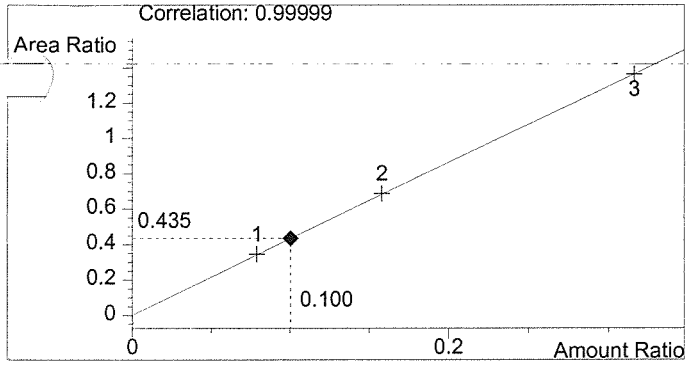
vial # 10

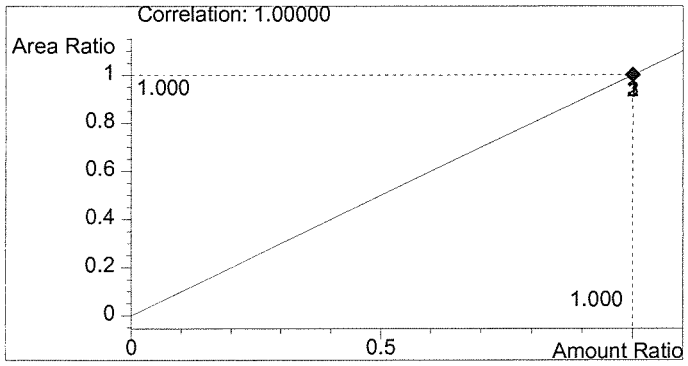


#	Compound	Area	RT
1	Ethanol	1455	1.040
2	n-Propanol	3342	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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023176

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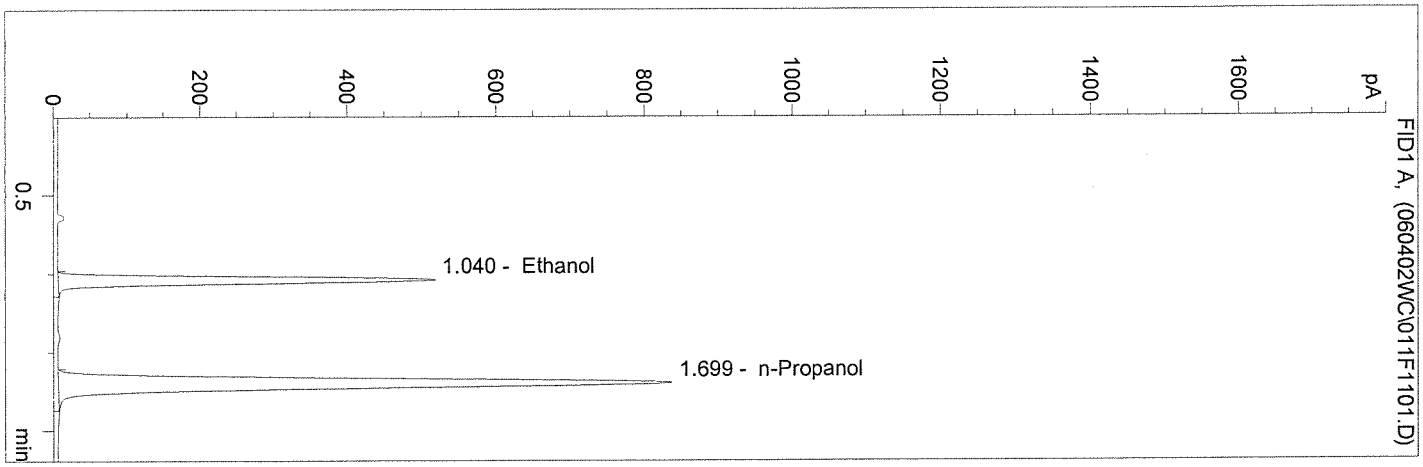
Instrument 1
-ALC1

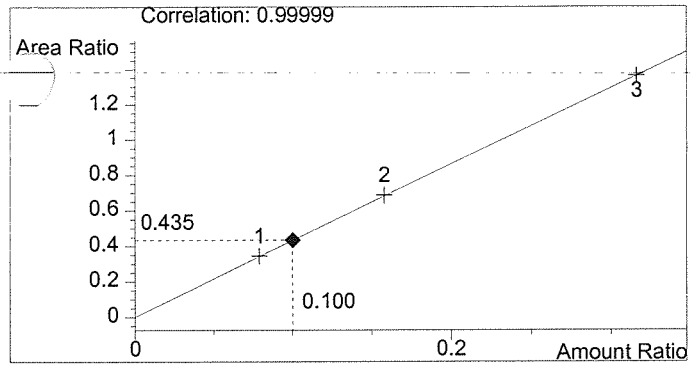
SIM 02017
WP MARSHALL

vial # 11

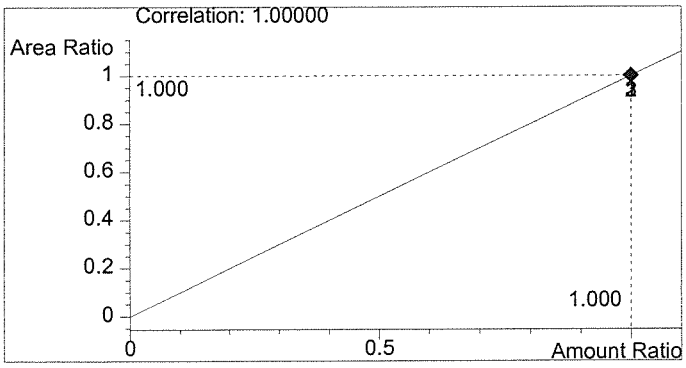


#	Compound	Area	RT
1	Ethanol	1505	1.040
2	n-Propanol	3464	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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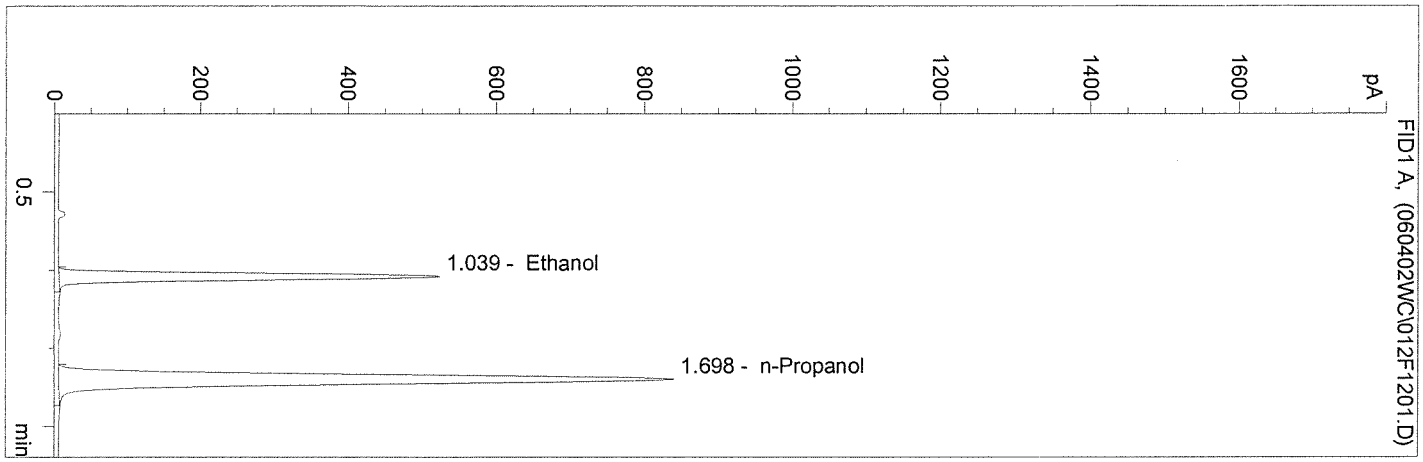
Instrument 1
-ALC1

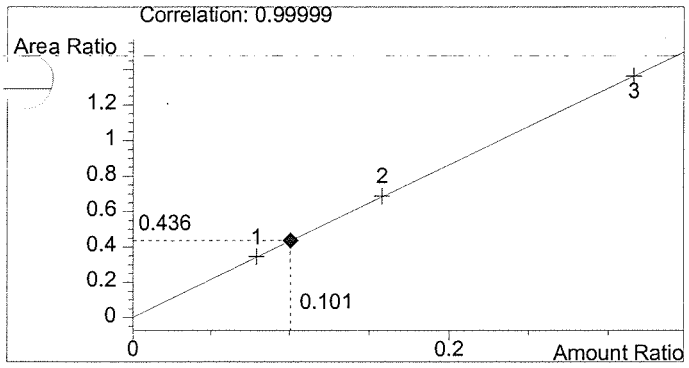
SIM 02017
WP MARSHALL

vial # 12

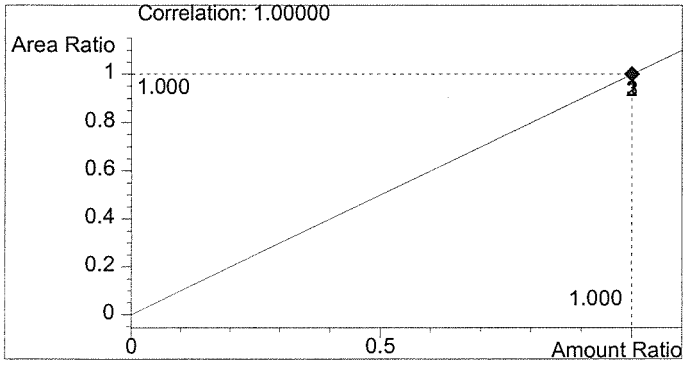


#	Compound	Area	RT
1	Ethanol	1504	1.039
2	n-Propanol	3452	1.698

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
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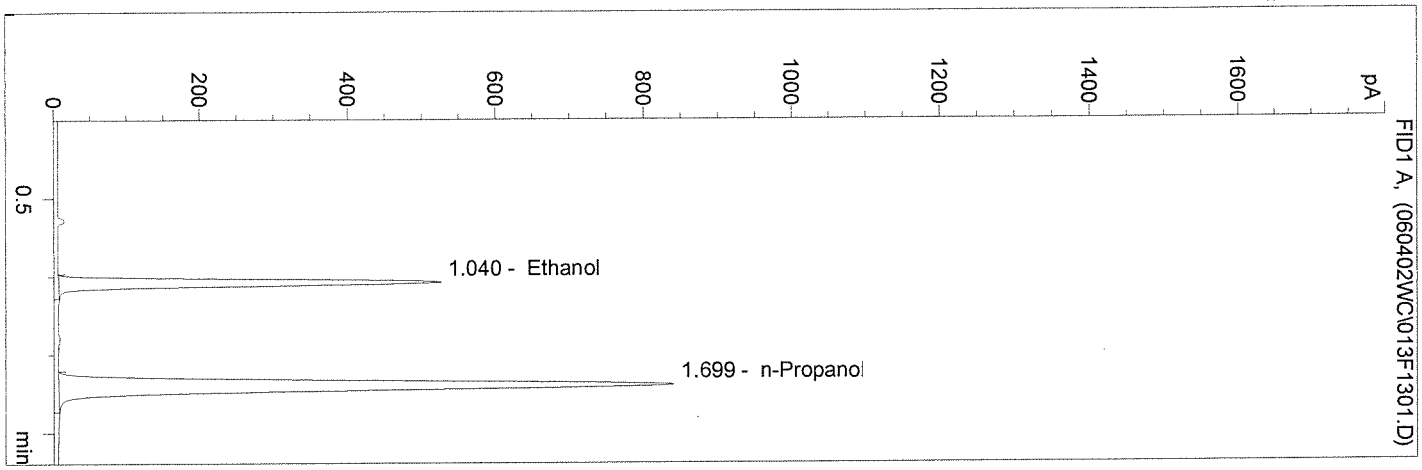
Instrument 1
-ALC1

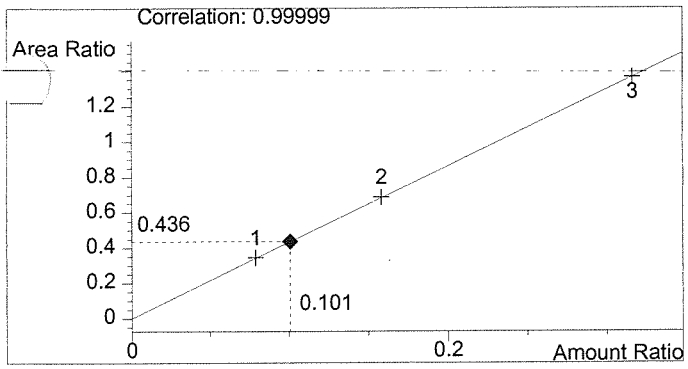
SIM 02017
WP MARSHALL

vial # 13

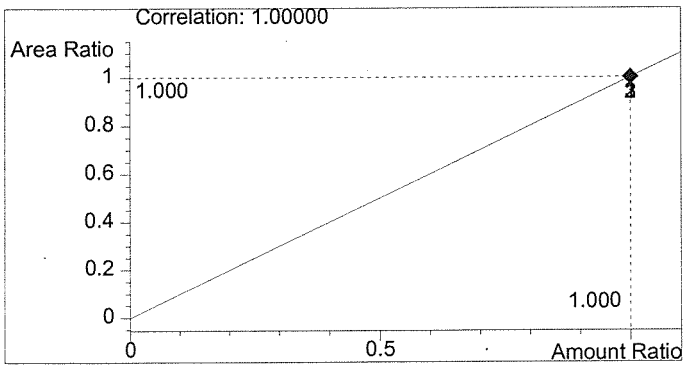


#	Compound	Area	RT
1	Ethanol	1505	1.040
2	n-Propanol	3450	1.699

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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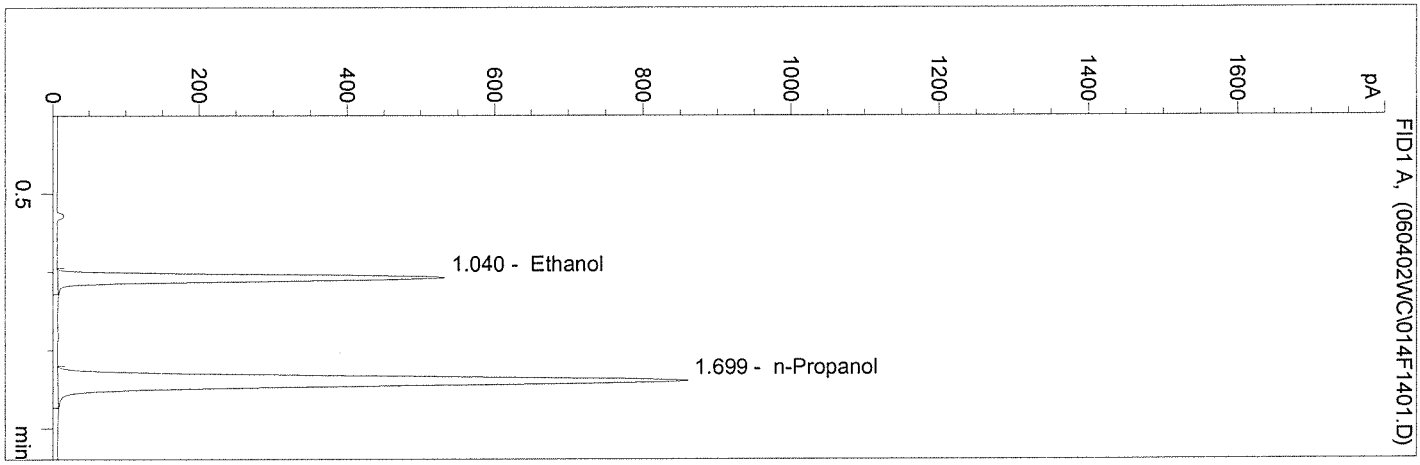
Instrument 1
-ALC1

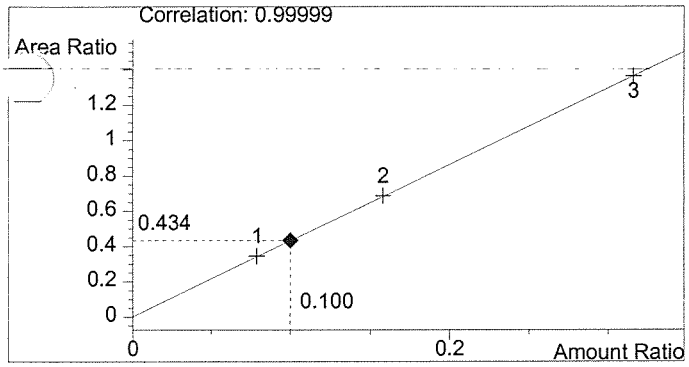
SIM 02017
WP MARSHALL

vial # 14

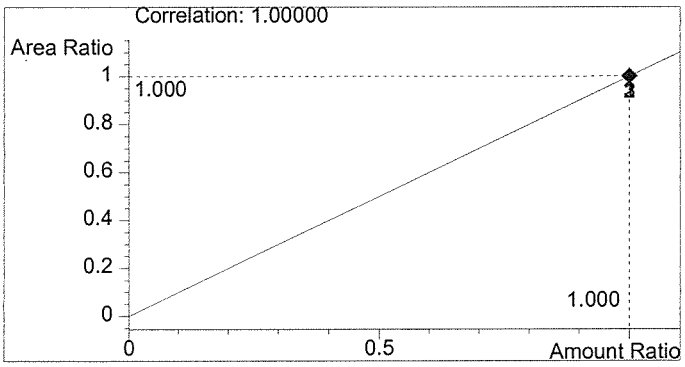


#	Compound	Area	RT
1	Ethanol	1546	1.040
2	n-Propanol	3558	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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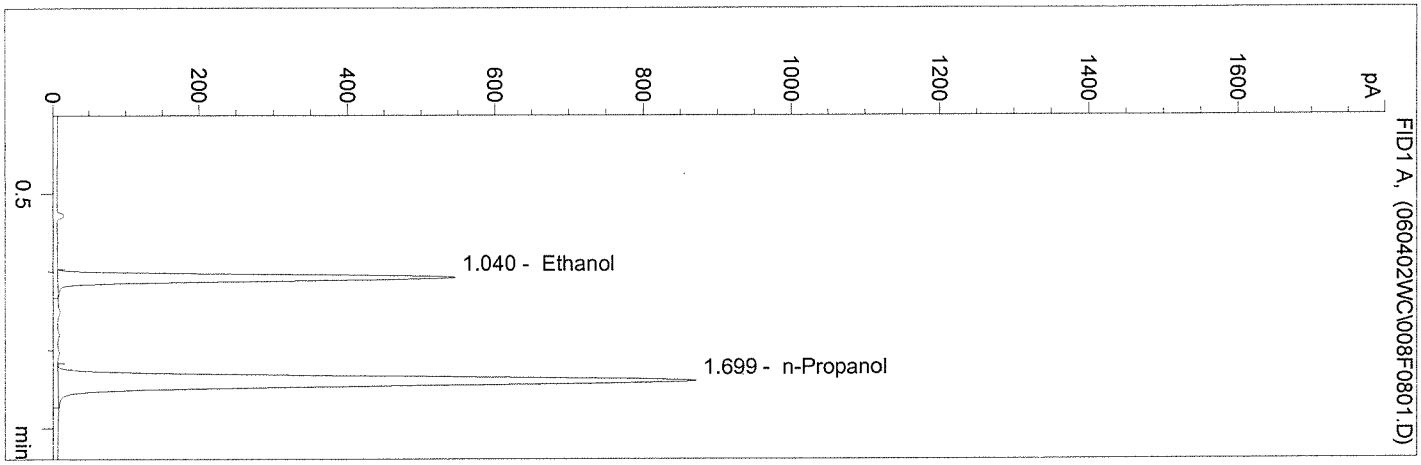
Instrument 1
-ALC1

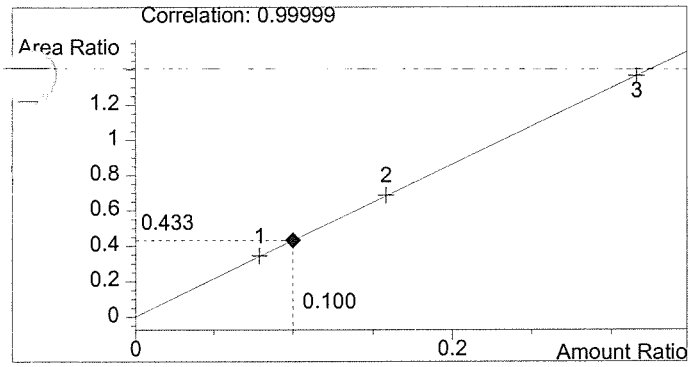
CONTROL 0.10 WM
WP MARSHALL

vial # 8

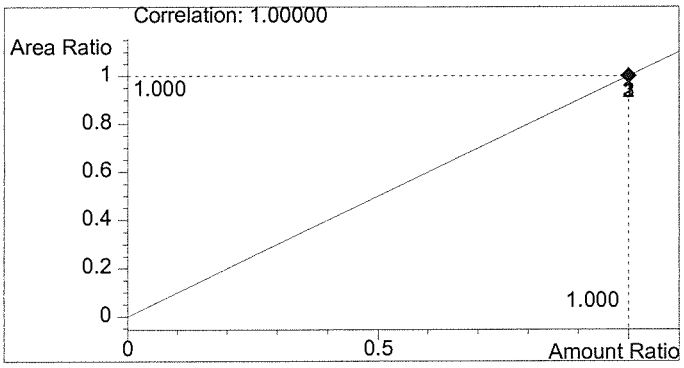


#	Compound	Area	RT
1	Ethanol	1554	1.040
2	n-Propanol	3585	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
-ALC1

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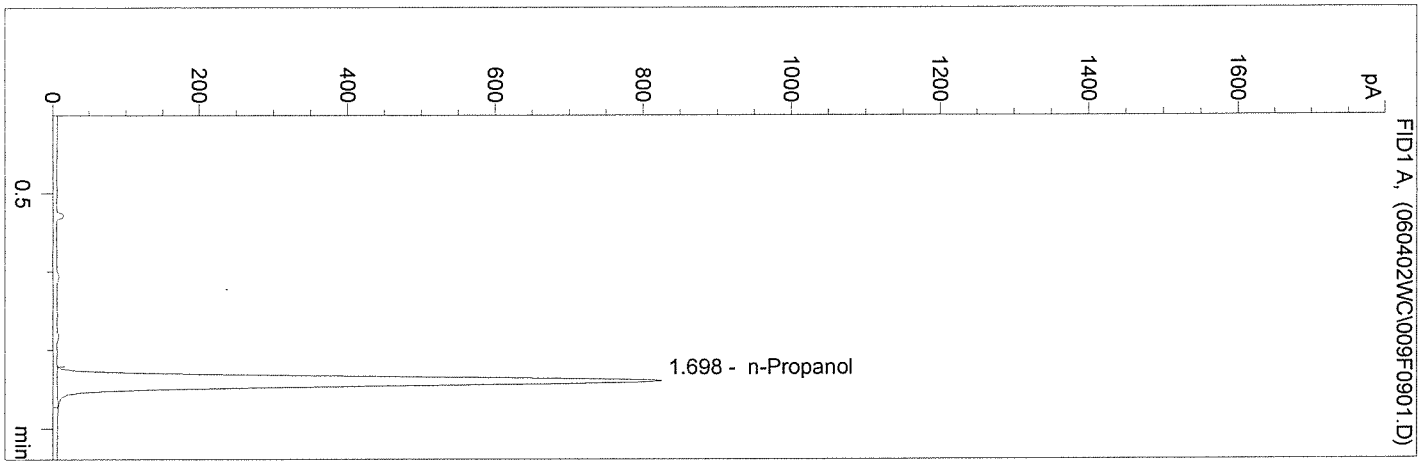
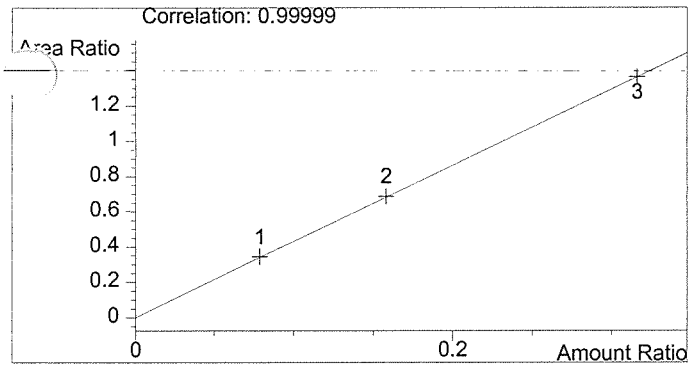
WP MARSHALL

vial # 9

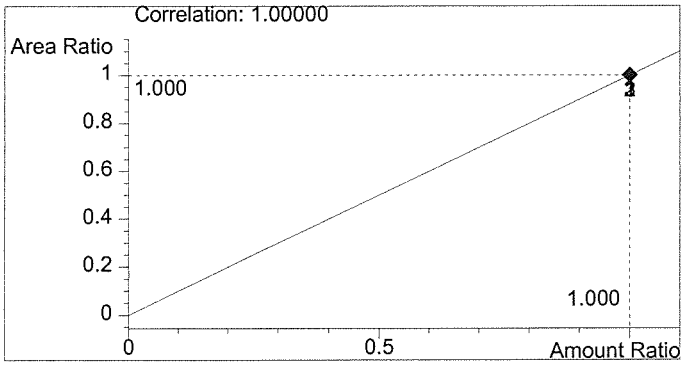


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3404	1.698

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

023208

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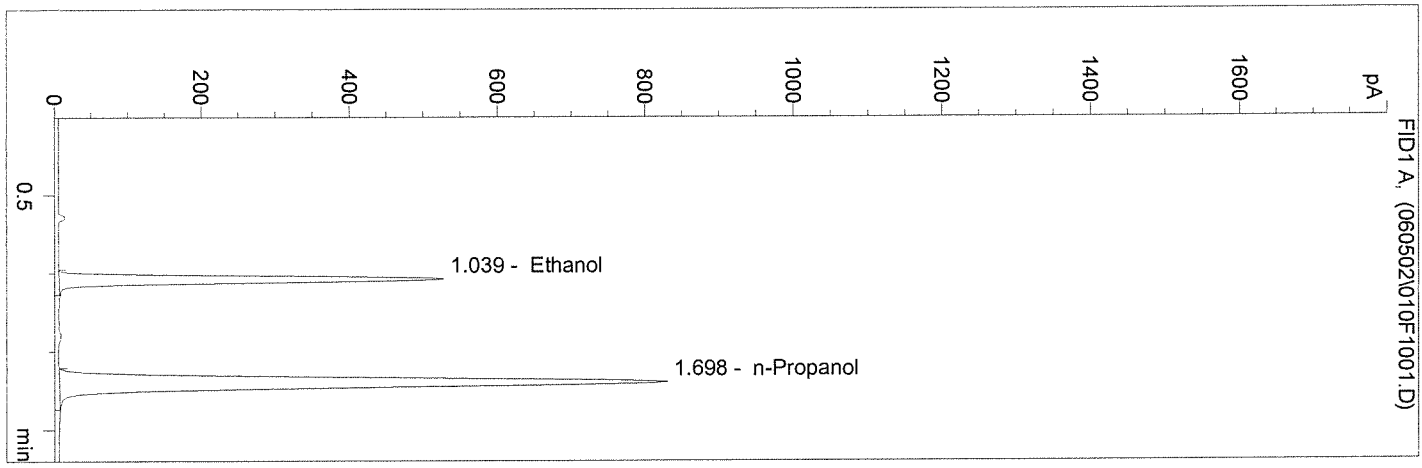
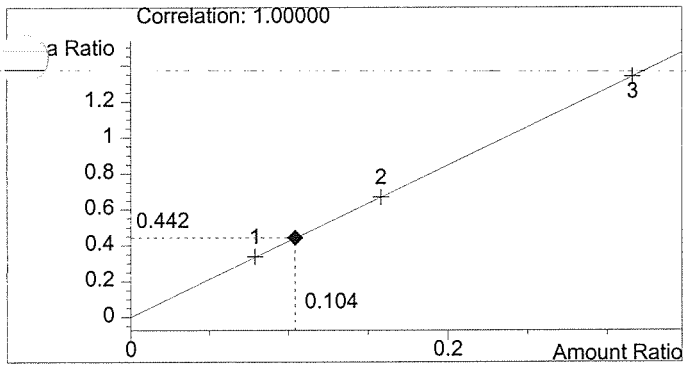
Instrument 1
-ALC1

02017 SIM SOL
RUTH LUTHI

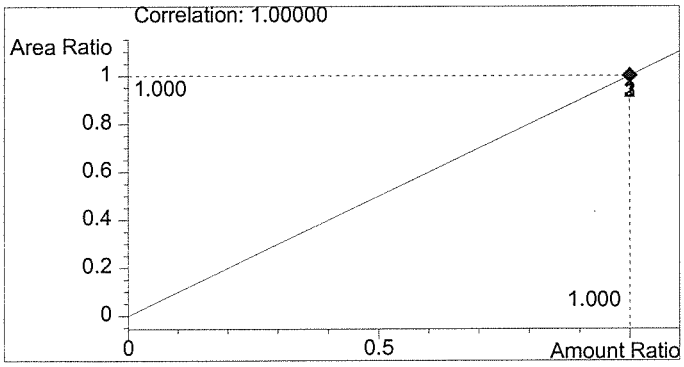
vial # 10



#	Compound	Area	RT
1	Ethanol	1513	1.039
2	n-Propanol	3421	1.698
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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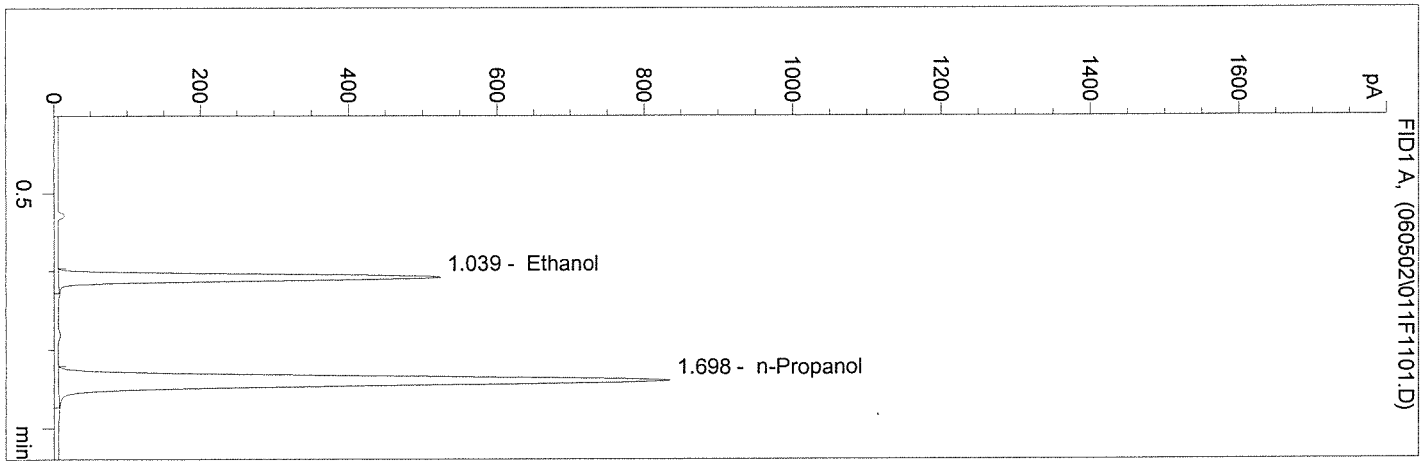
Instrument 1
-ALC1

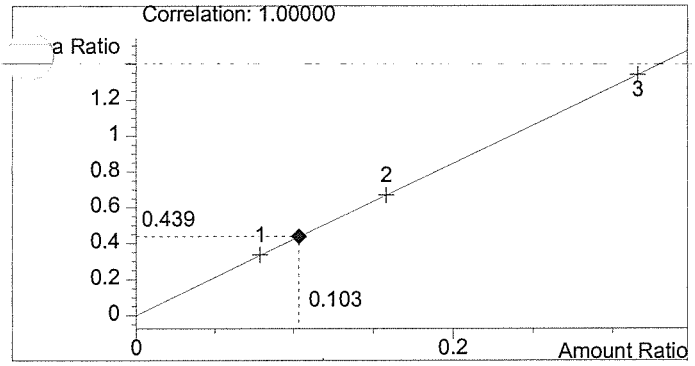
02017 SIM SOL
RUTH LUTHI

vial # 11

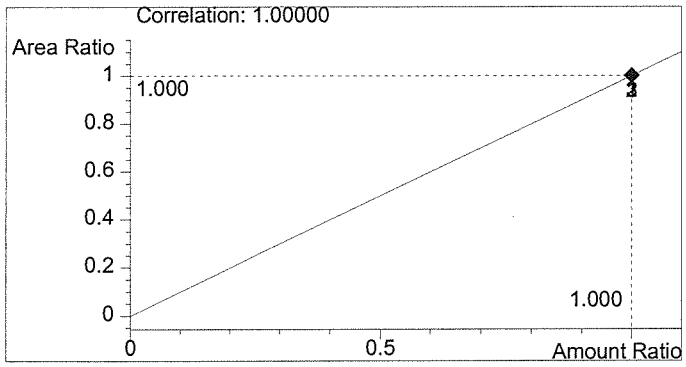


#	Compound	Area	RT
1	Ethanol	1508	1.039
2	n-Propanol	3436	1.698

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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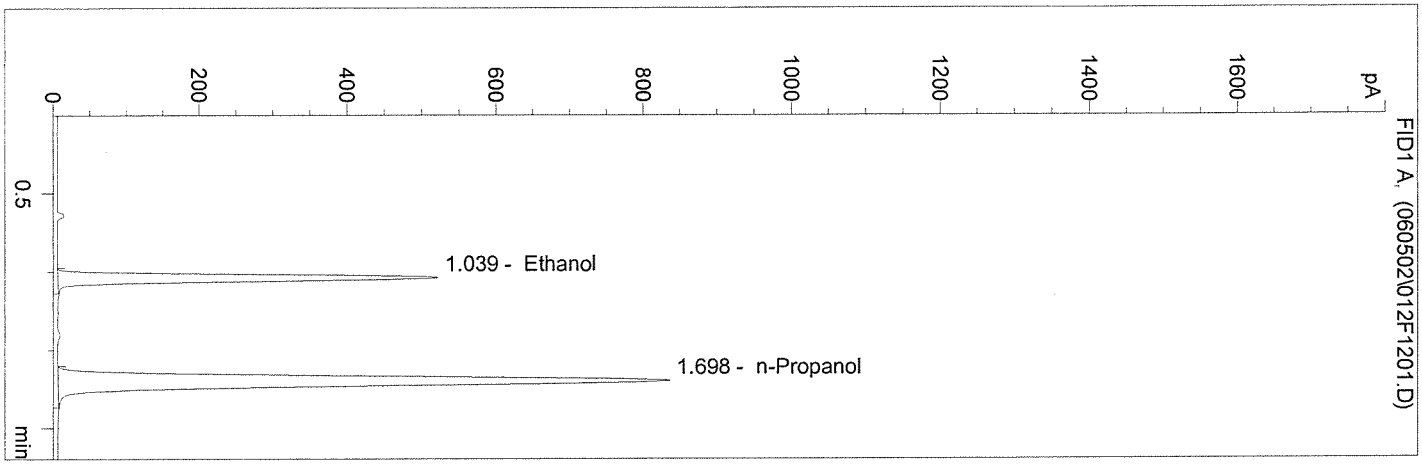
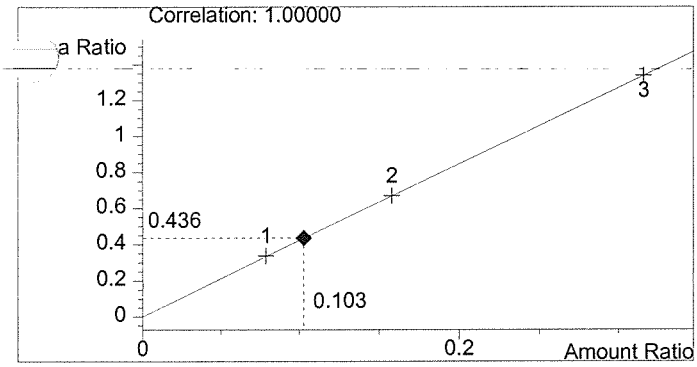
Instrument 1
-ALC1

02017 SIM SOL
RUTH LUTHI

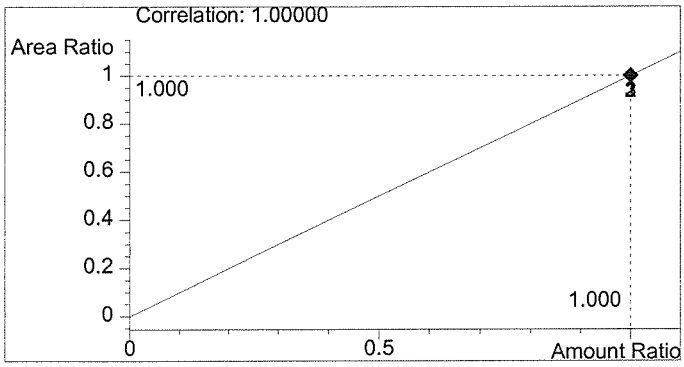
vial # 12



#	Compound	Area	RT
1	Ethanol	1501	1.039
2	n-Propanol	3441	1.698
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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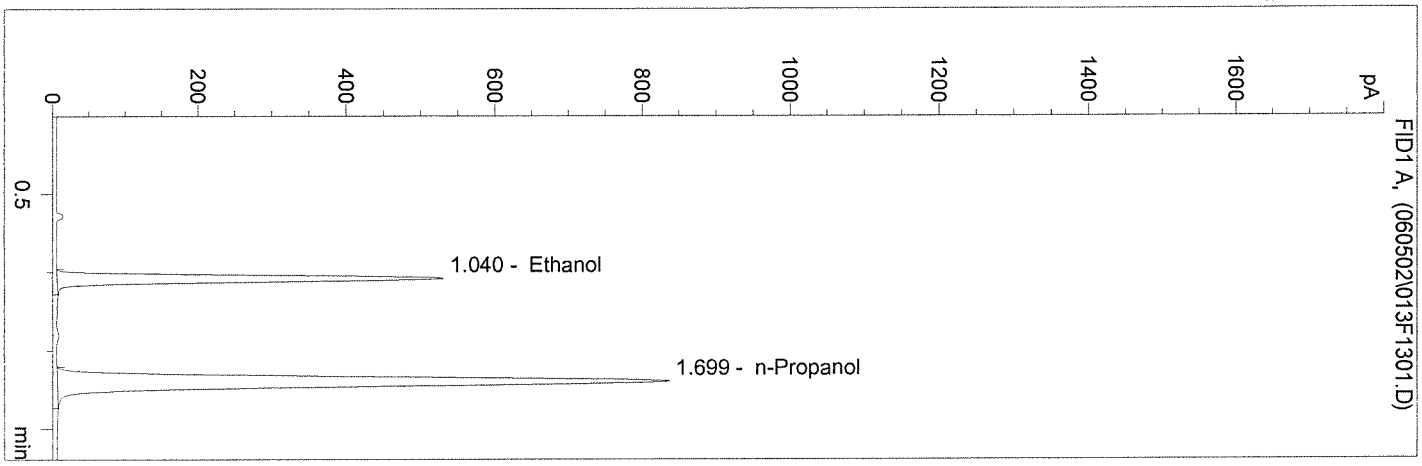
Instrument 1
-ALC1

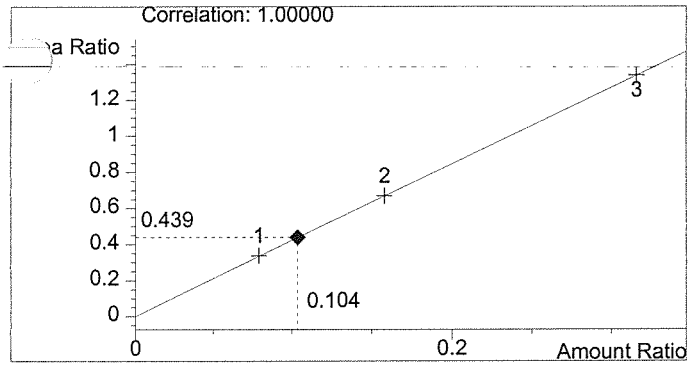
02017 SIM SOL
RUTH LUTHI

vial # 13

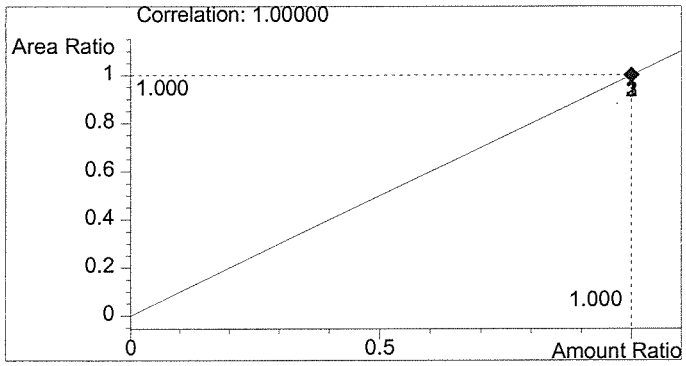


#	Compound	Area	RT
1	Ethanol	1510	1.040
2	n-Propanol	3438	1.699

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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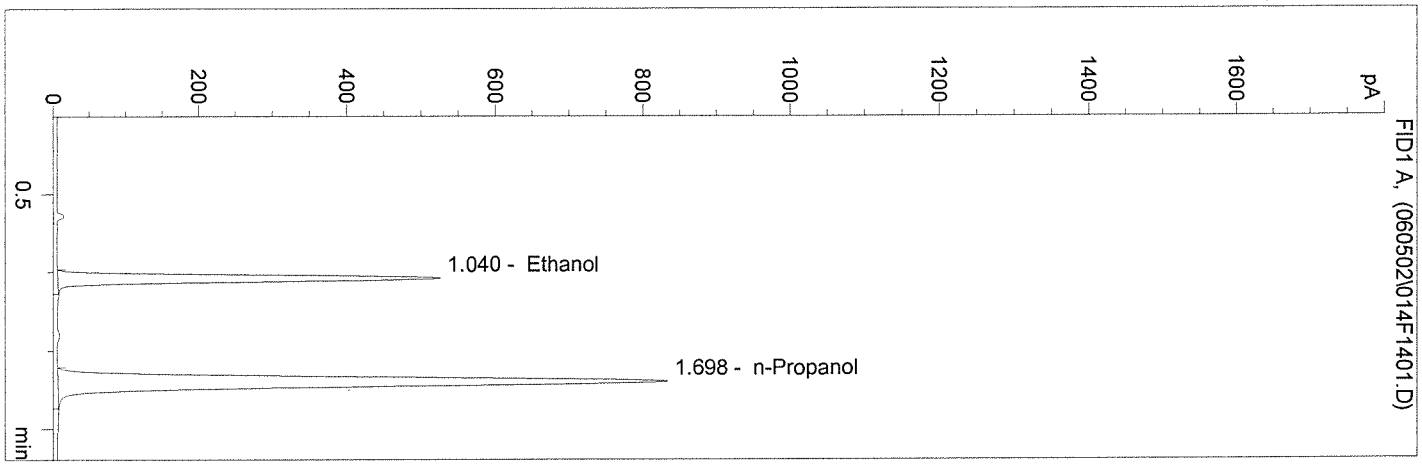
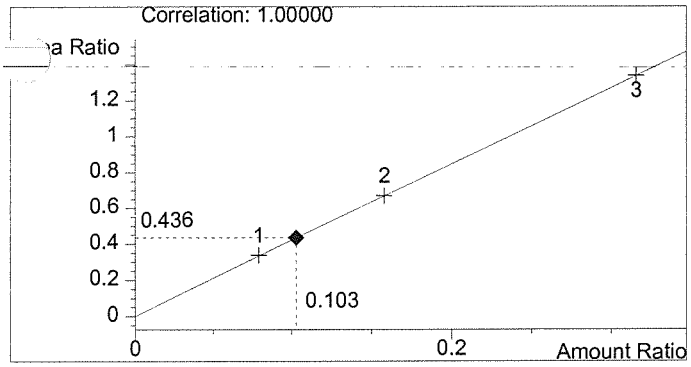
6/5/02 8:36:24 AM
Instrument 1
B-ALC1

02017 SIM SOL
RUTH LUTHI

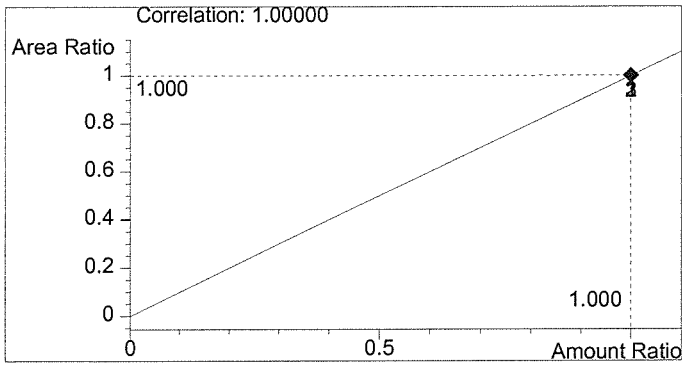
vial # 14



#	Compound	Area	RT
1	Ethanol	1493	1.040
2	n-Propanol	3421	1.698
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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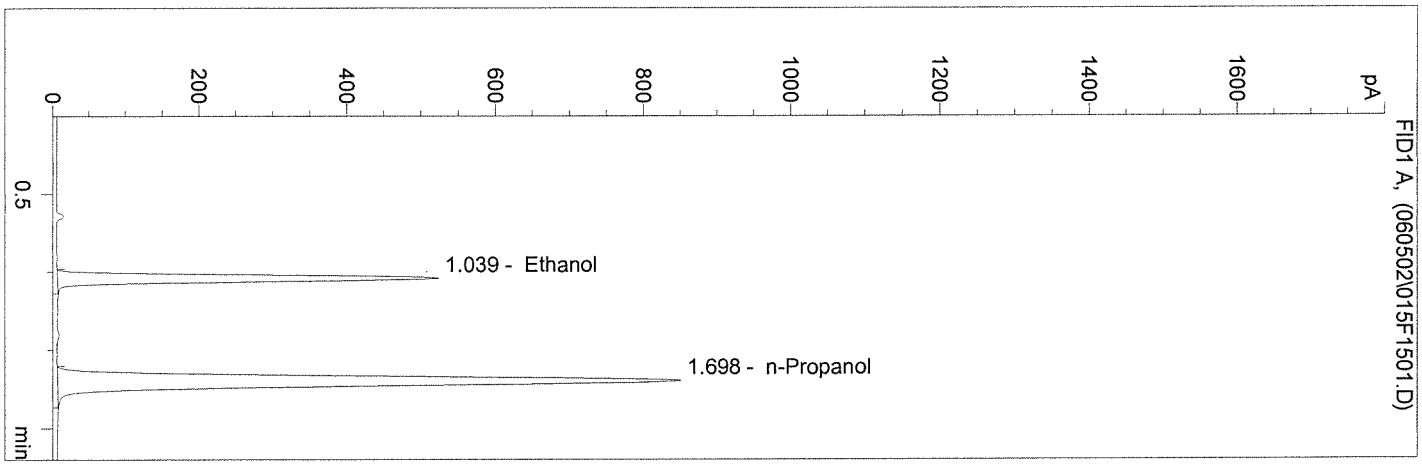
6/5/02 8:39:33 AM
Instrument 1
-ALC1

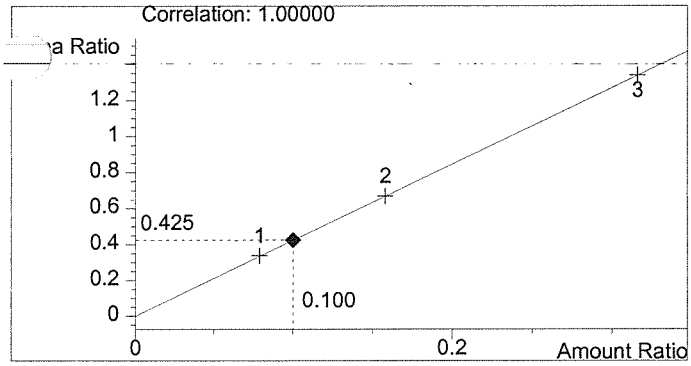
0.100 CTRL
RUTH LUTHI

vial # 15

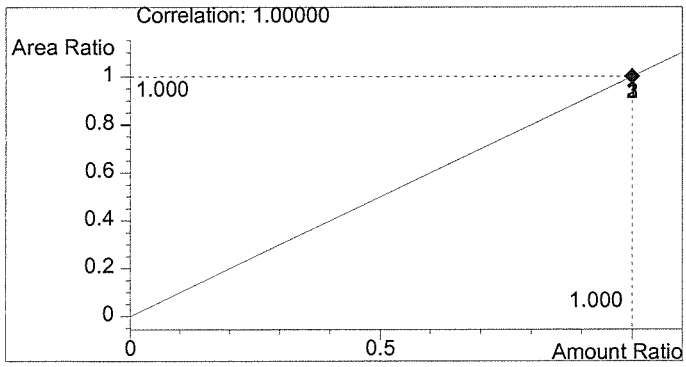


#	Compound	Area	RT
1	Ethanol	1485	1.039
2	n-Propanol	3498	1.698

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
B-ALC1

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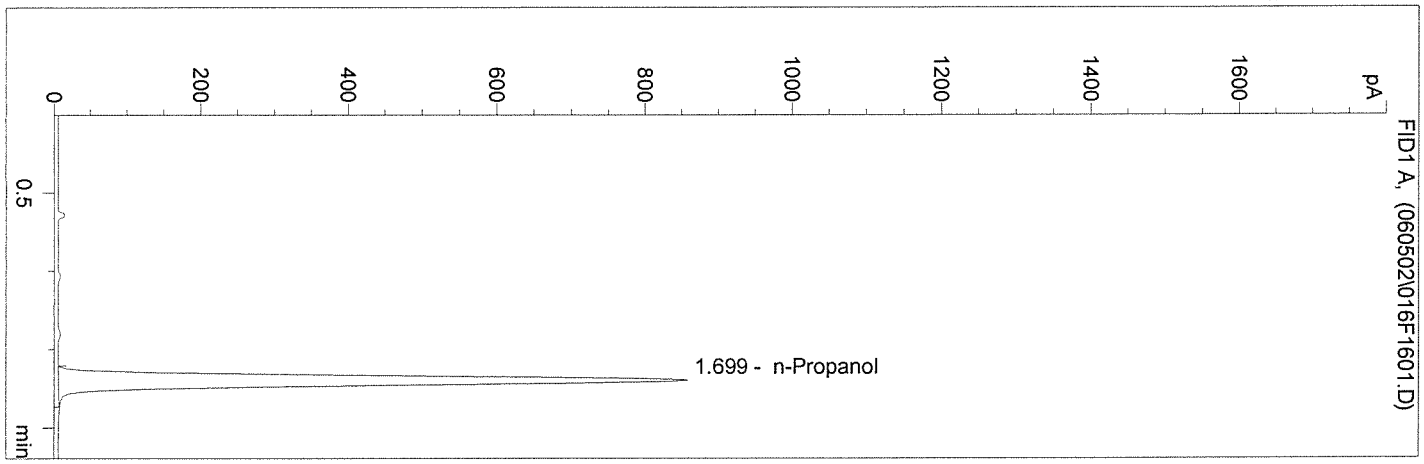
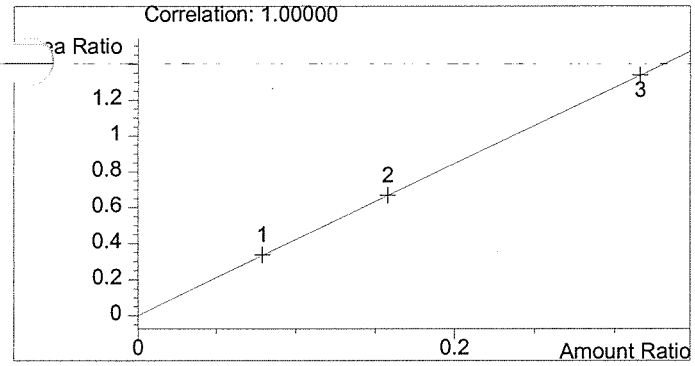
RUTH LUTHI

vial # 16

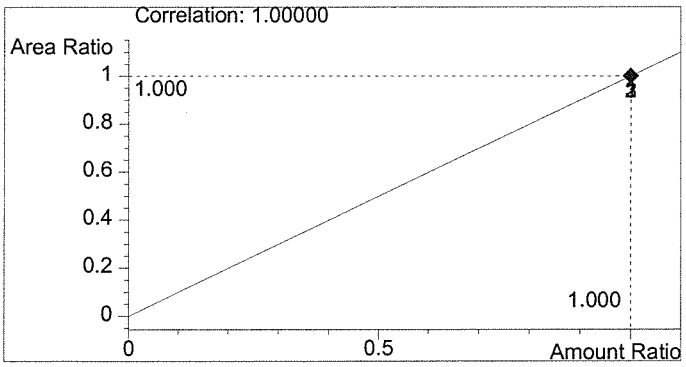


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3540	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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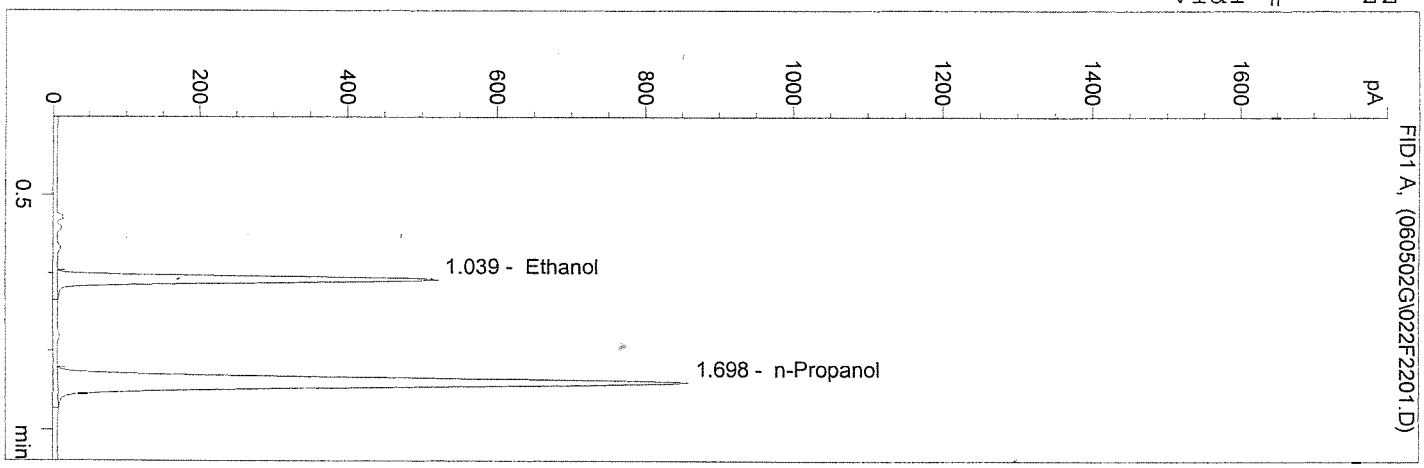
Instrument 1
B-ALC1

Cal 3240

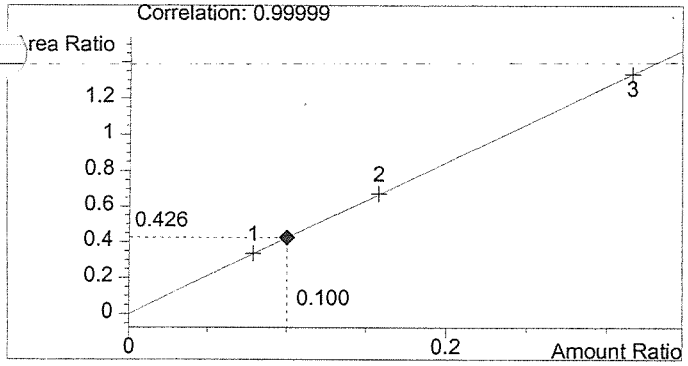
CAP 0.100
GENE SCHWILKE

vial # 22

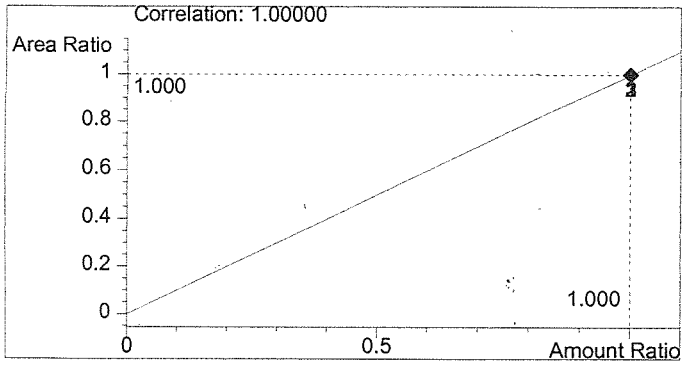


#	Compound	Area	RT
1	Ethanol	1497	1.039
2	n-Propanol	3518	1.698

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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strument 1
ALC1

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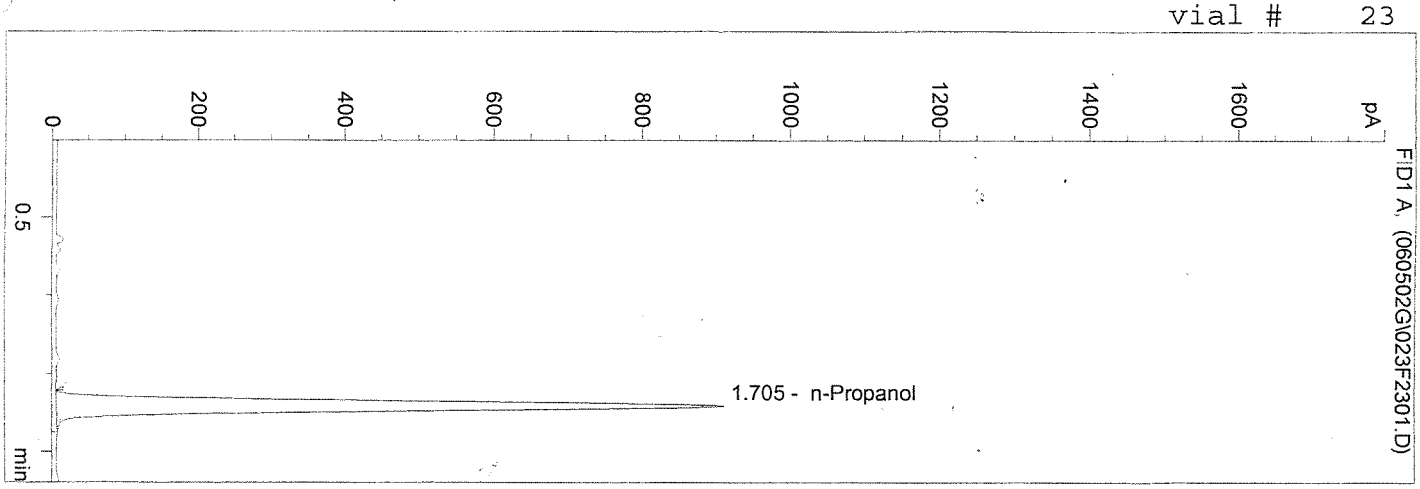
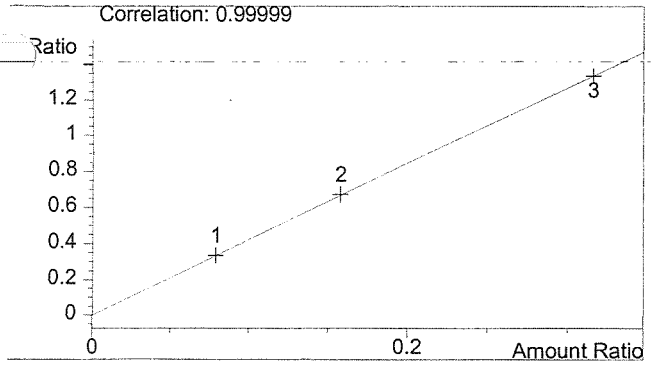
GENE SCHWILKE

vial # 23

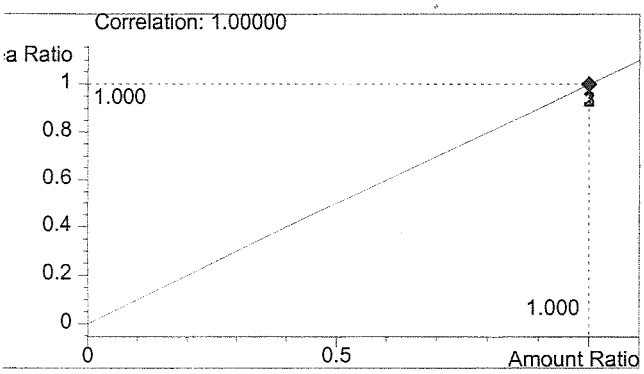


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3900	1.705

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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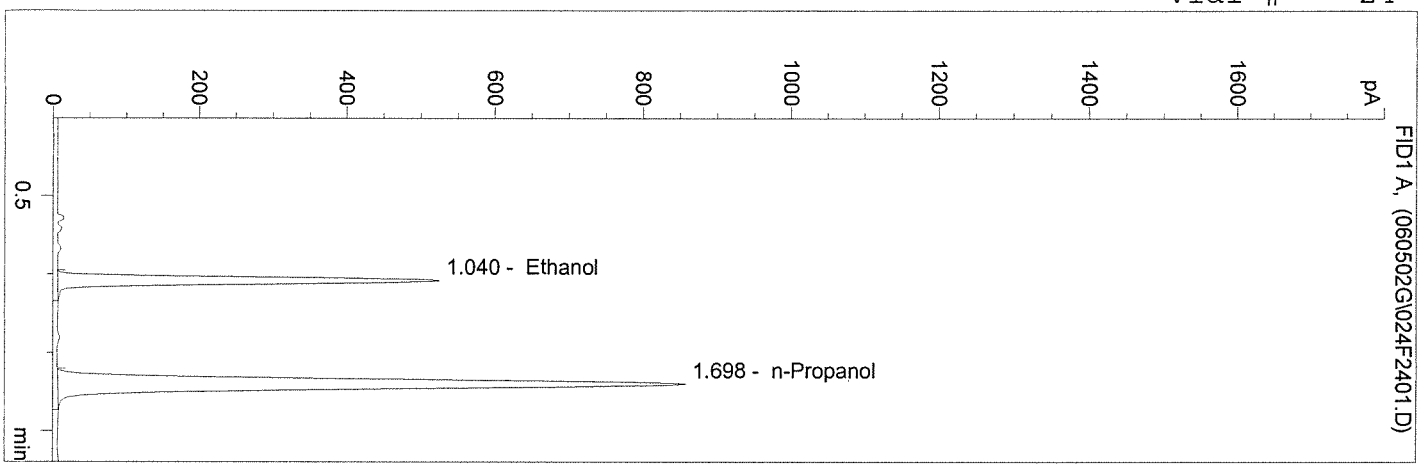
6/5/02 1:28:36 PM
Instrument 1
-ALC1

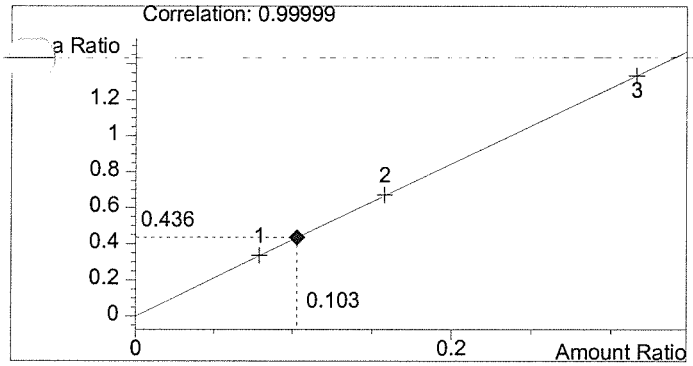
SS 02017 0.08
GENE SCHWILKE

vial # 24

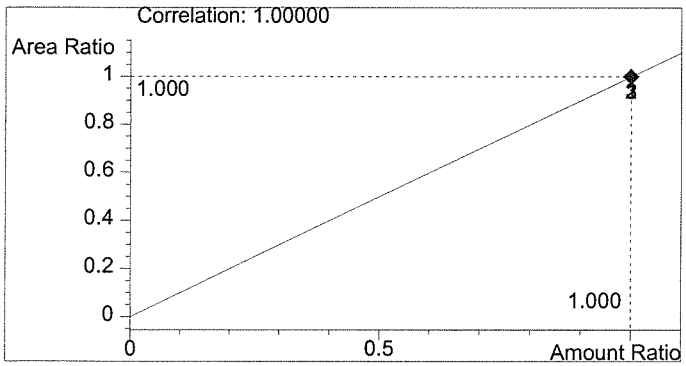


#	Compound	Area	RT
1	Ethanol	1542	1.040
2	n-Propanol	3537	1.698

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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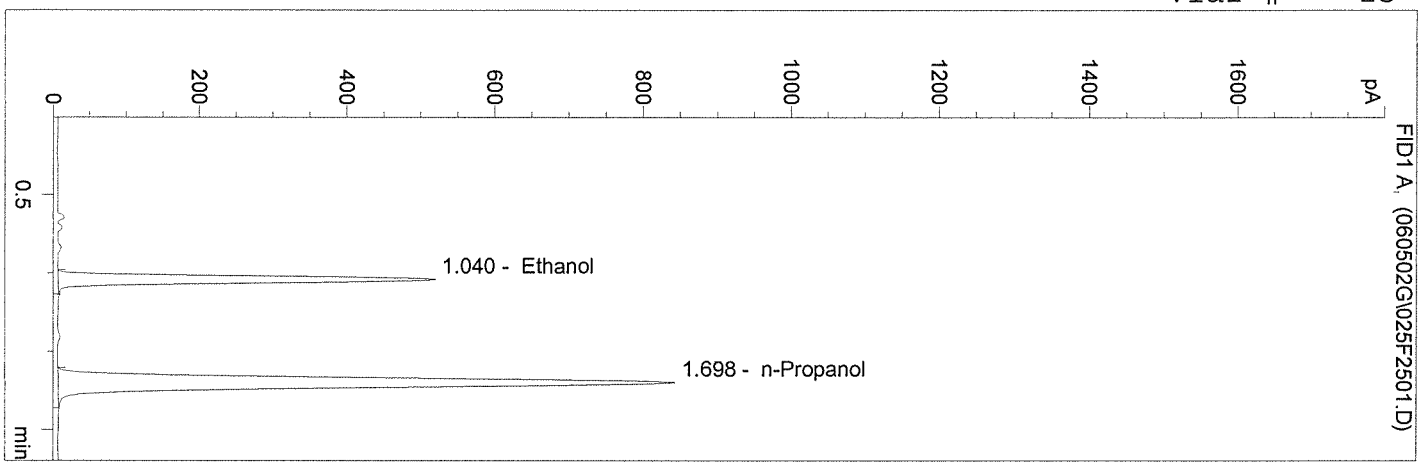
6/5/02 1:31:49 PM
Instrument 1
-ALC1

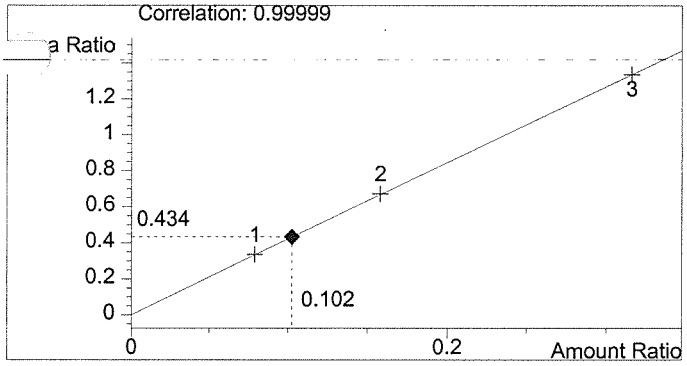
SS 02017 0.08
GENE SCHWILKE

vial # 25

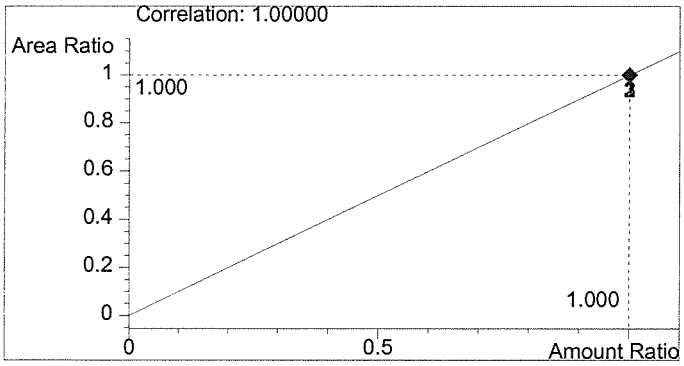


#	Compound	Area	RT
1	Ethanol	1508	1.040
2	n-Propanol	3472	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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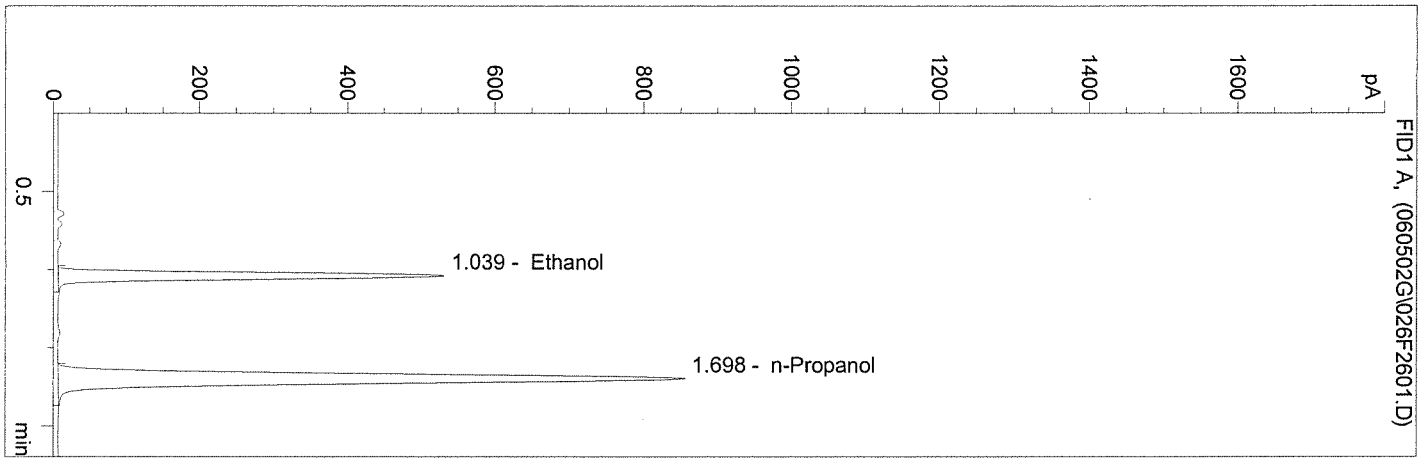
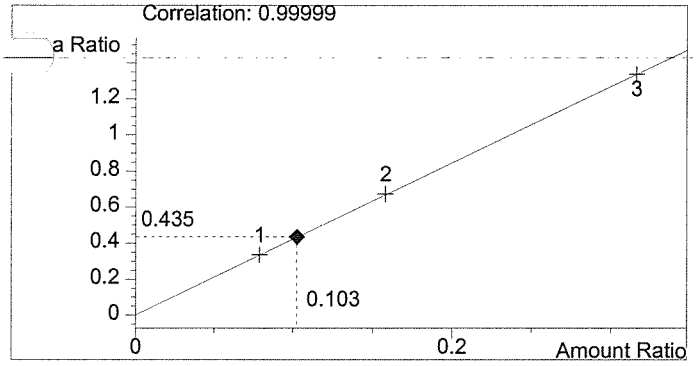
6/5/02 1:34:51 PM
Instrument 1
-ALC1

SS 02017 0.08
GENE SCHWILKE

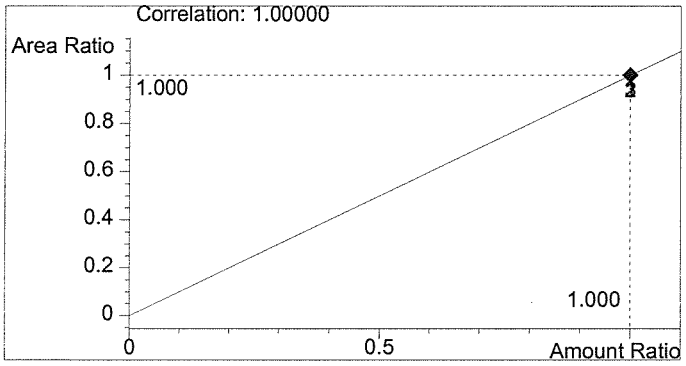
vial # 26



#	Compound	Area	RT
1	Ethanol	1535	1.039
2	n-Propanol	3525	1.698
Totals:			



Ethanol 0.103 g/100ml



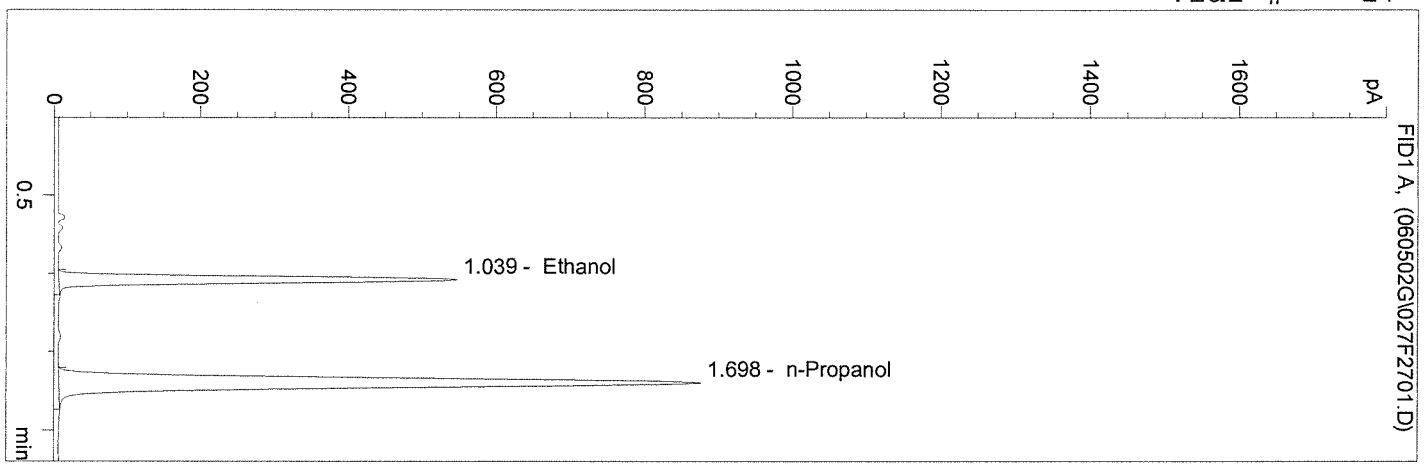
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/5/02 1:37:53 PM
Instrument 1
-ALC1

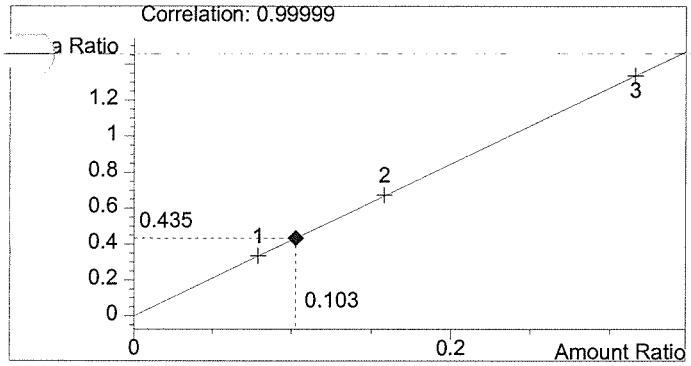
SS 02017 0.08
GENE SCHWILKE

vial # 27

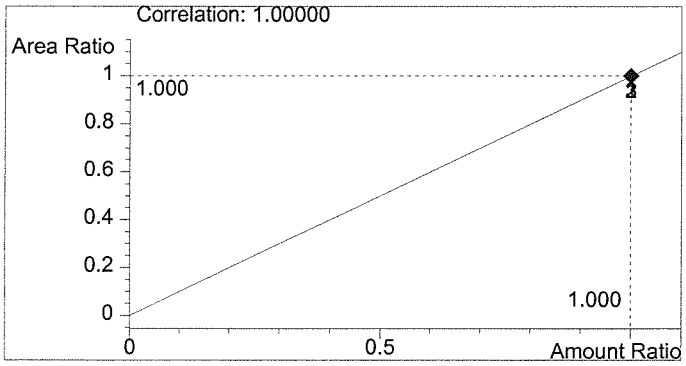


#	Compound	Area	RT
1	Ethanol	1571	1.039
2	n-Propanol	3614	1.698

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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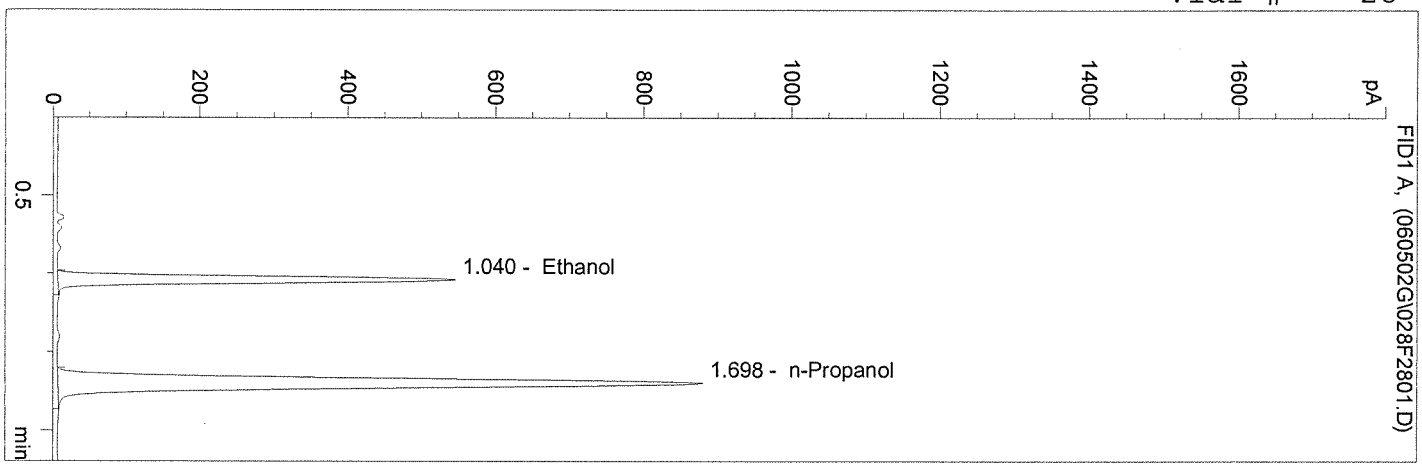
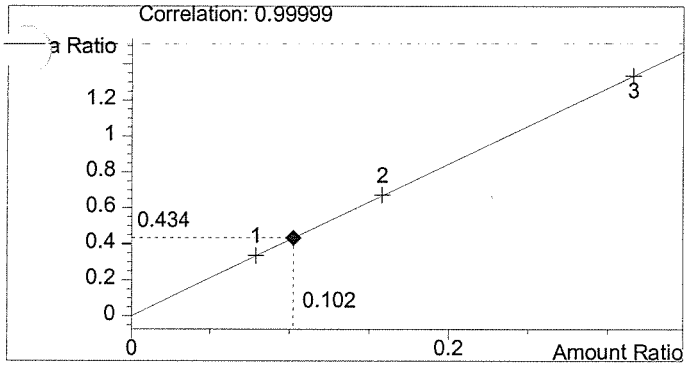
C:\HPCHEM\1\METHODS\BLDALCO.M
6/5/02 1:40:54 PM
Instrument 1
-ALC1

SS 02017 0.08
GENE SCHWILKE

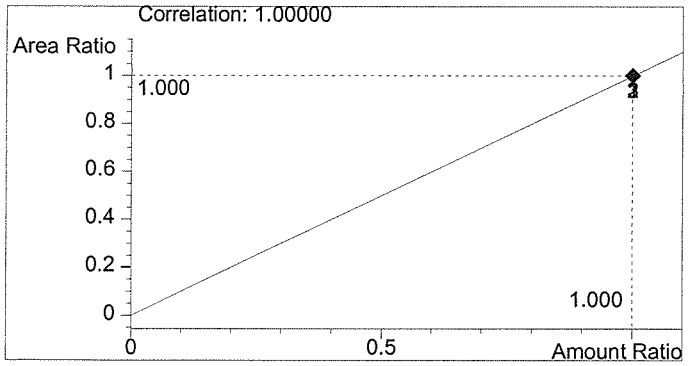
vial # 28



#	Compound	Area	RT
1	Ethanol	1576	1.040
2	n-Propanol	3631	1.698
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml