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 **02037** Date: 11/1/2002

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	0.105	0.103	0.105	0.105	0.105	0.104	0.104	0.104	0.104	0.104	
2	0.103	0.105	0.105	0.106	0.104	0.105	0.104	0.105	0.104	0.104	0.105	
3	0.102	0.105	0.105	0.106	0.104	0.105	0.104	0.104	0.105	0.104	0.105	
4	0.103	0.105	0.105	0.106	0.104	0.105	0.104	0.105	0.105	0.104	0.104	
5	0.103	0.105	0.105	0.106	0.105	0.105	0.104	0.105	0.105	0.105	0.105	
Ctrl	0.097	0.097	0.096	0.101	0.100	0.099	0.099	0.100	0.101	0.100	0.099	

External Control:

Lot #: A021986 Exp date: 1/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1045 g/100 mL

SD: 0.00086

Range (3xSD): 0.1019 to 0.1071

Precision CV (%): 0.8254 %

Equivalent vapor concent.: 0.0850 g/210L

Analyst	Name	Signature	Date
1	William Bogen	William Bogen	11/01/02
2	Melissa Pemberton	Melissa L Pemberton	11/06/02
3	Jayne Thatcher	Jayne E. Thatcher	11/06/02
4	Eugene Schwilke	Gene Schwilke	11/08/02
5	Naziha Nuwayhid, PhD	[illegible]	11/08/02
6	Estuardo J. Miranda	[illegible]	11/12/02
7	Ann Marie Gordon	[illegible]	11/13/02
8	Ruth Luthi	Ruth Luthi	11/13/02
9	Mary E Wilson	[illegible]	11/13/02
10	William P Marshall	William P Marshall	11/14/02
11	Edward Formoso	[illegible]	11/27/02
12			

Prepared by: William Bogen according to the approved protocol

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, William Bogen, do certify under penalty of perjury that:

I am employed by the Washington State Patrol Breath Test Program, 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 sixteen years of experience in the Washington State Patrol Breath Test Program; qualified as a blood alcohol analyst in August 2002.

The simulator solution, Lot Number 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
Seattle, WA

William Bogen
Breath Test Technician

WB/nf
WBSIMSOL

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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 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
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 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
Seattle, WA

Jayne E. Thatcher
Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTSIMSOL

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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 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
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, 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 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
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 02037 was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMSIMSOL

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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 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/nf
AGSIMSOL

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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 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

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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 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/nf
MEWSIMSOL

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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 02037, was prepared in the Washington State Toxicology Laboratory on 11/1/02. 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 11/1/03.

Dated: 11/27/02
Seattle, WA

William P. Marshall
Forensic Toxicologist

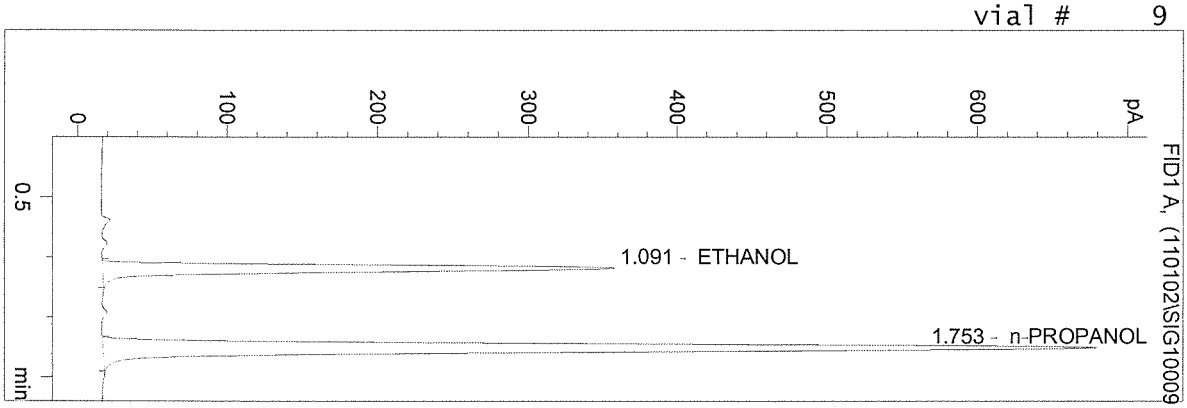
WM/nf
WMSIMSOL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/1/02 5:41:55 PM
Instrument 3
DB-ALC1

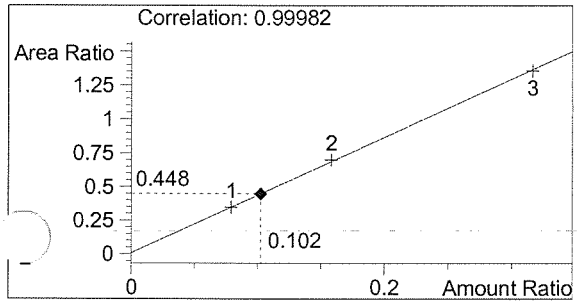
02037
BILL BOGEN

vial # 9

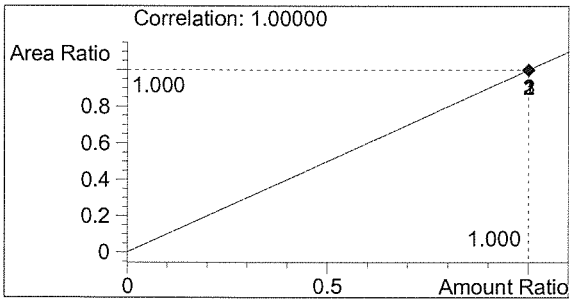


#	Compound	Area	RT
1	ETHANOL	1364	1.091
2	n-PROPANOL	3046	1.753

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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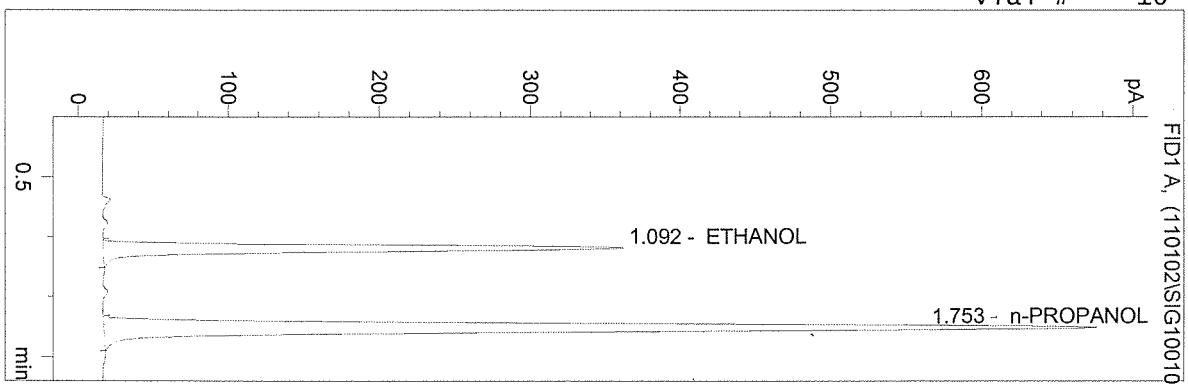
Instrument 3
DB-ALC1

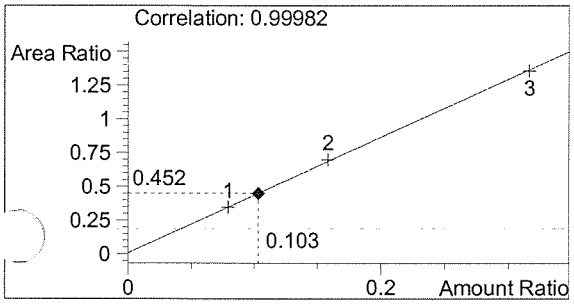
02037
BILL BOGEN

vial # 10

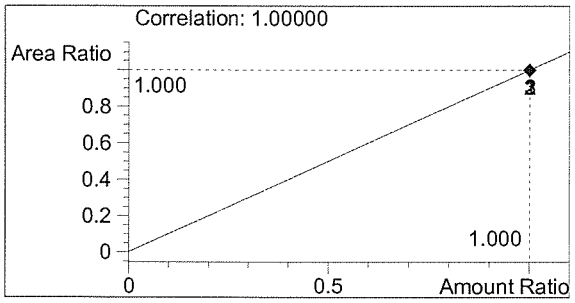


#	Compound	Area	RT
1	ETHANOL	1366	1.092
2	n-PROPANOL	3024	1.753

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

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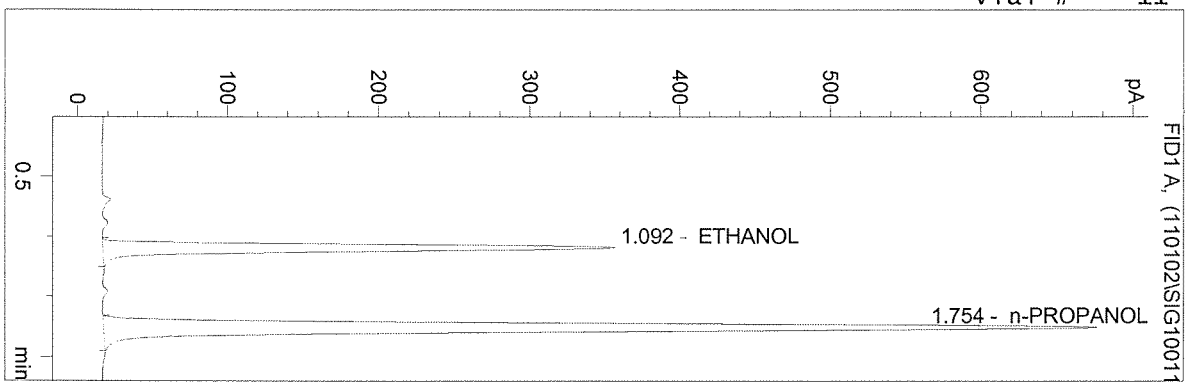
Instrument 3
DB-ALC1

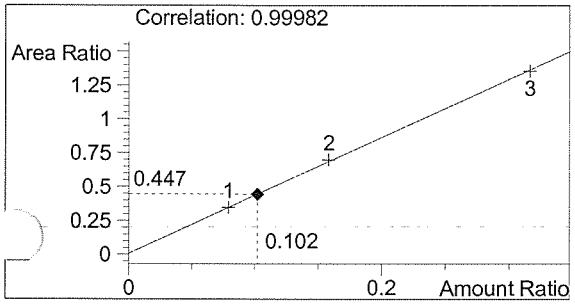
02037
BILL BOGEN

vial # 11

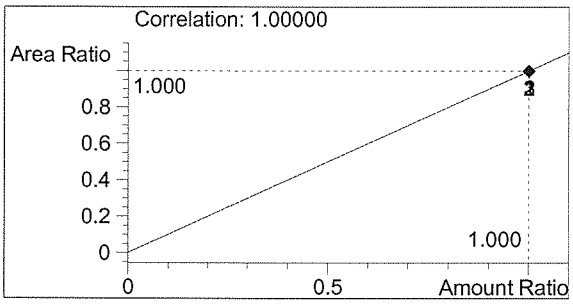


#	Compound	Area	RT
1	ETHANOL	1355	1.092
2	n-PROPANOL	3035	1.754

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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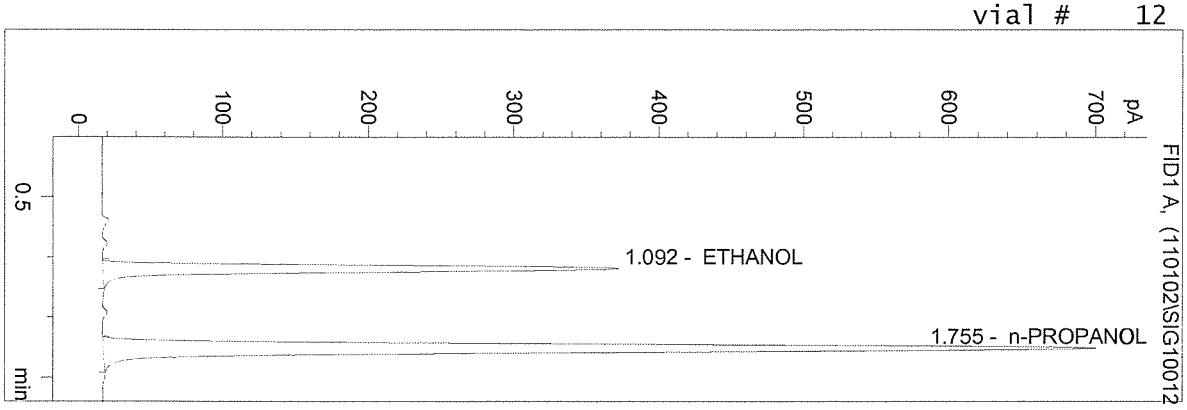
Instrument 3
DB-ALC1

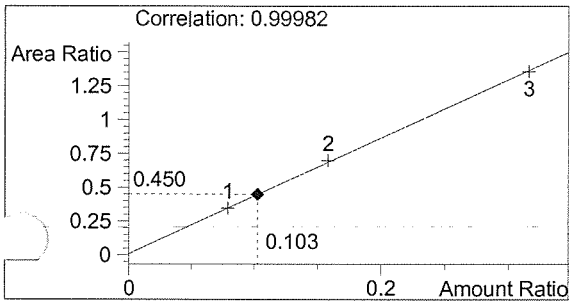
02037
BILL BOGEN

vial # 12

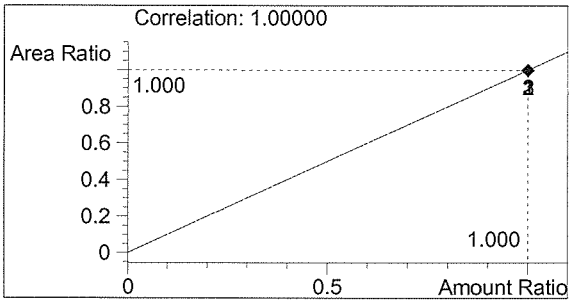


#	Compound	Area	RT
1	ETHANOL	1396	1.092
2	n-PROPANOL	3104	1.755

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

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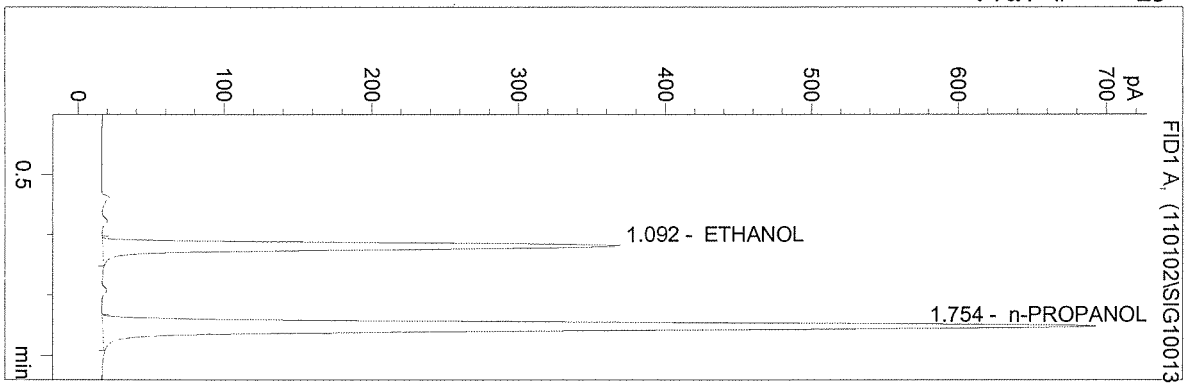
Instrument 3
DB-ALC1

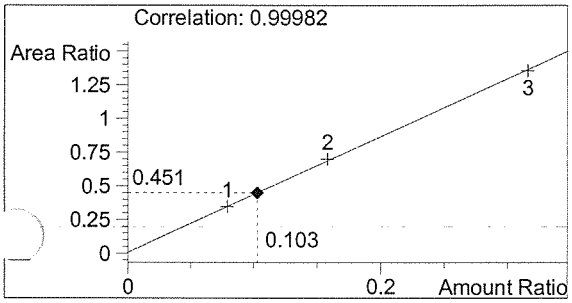
02037
BILL BOGEN

vial # 13

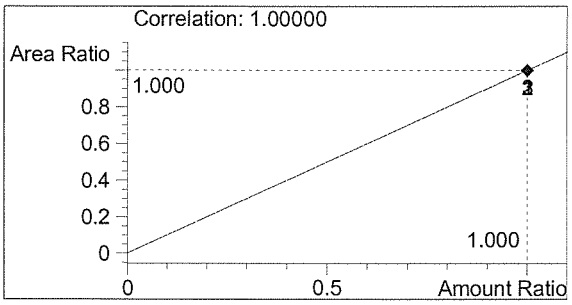


#	Compound	Area	RT
1	ETHANOL	1389	1.092
2	n-PROPANOL	3081	1.754

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

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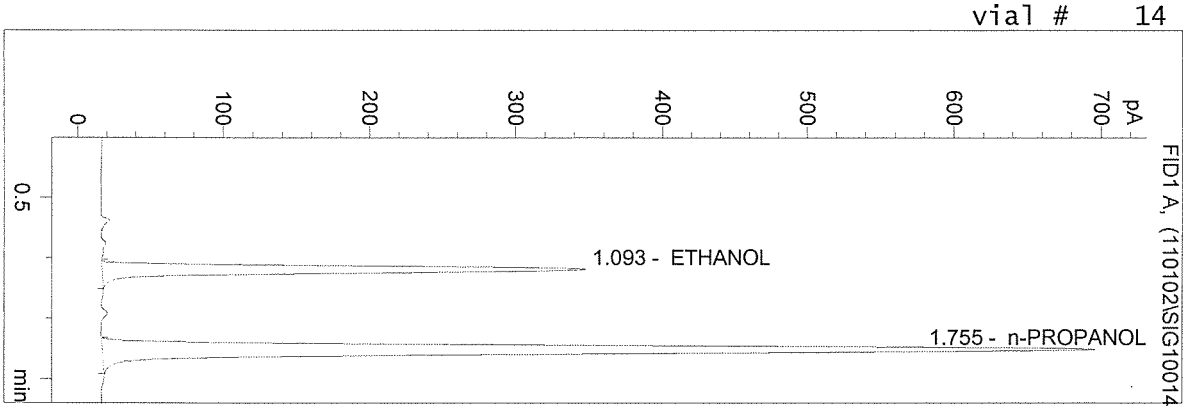
11/1/02 5:58:24 PM
Instrument 3
DB-ALC1

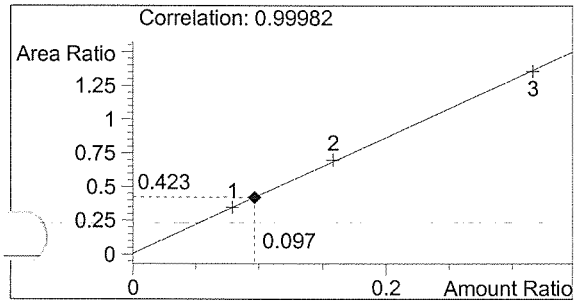
0.10 CONTROL
BILL BOGEN

vial # 14

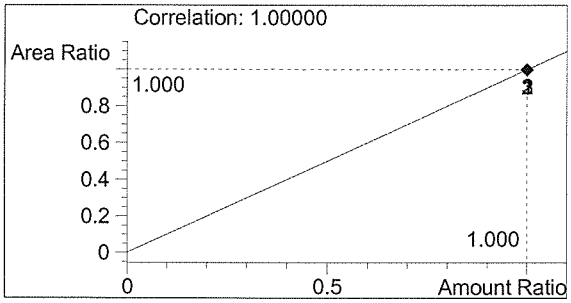


#	Compound	Area	RT
1	ETHANOL	1311	1.093
2	n-PROPANOL	3099	1.755

Totals:



ETHANOL 0.097 g/100mL



n-PROPANOL 1.000 g/100mL

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11/1/02 6:01:47 PM
Instrument 3
DB-ALC1

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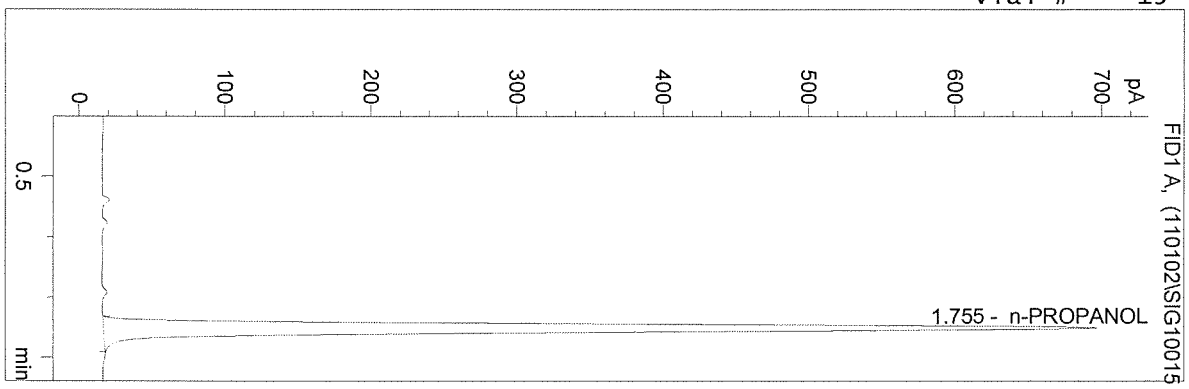
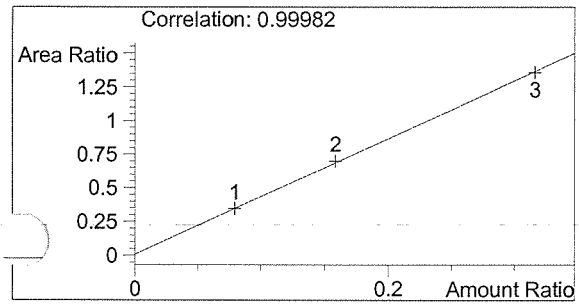
BILL BOGEN

vial # 15

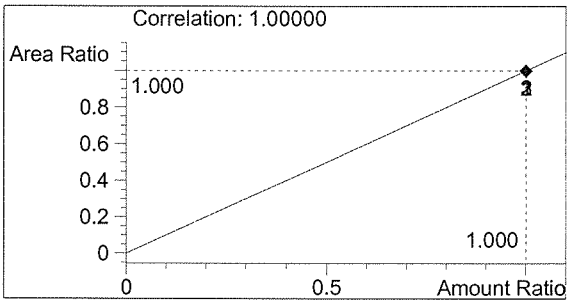


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3115	1.755

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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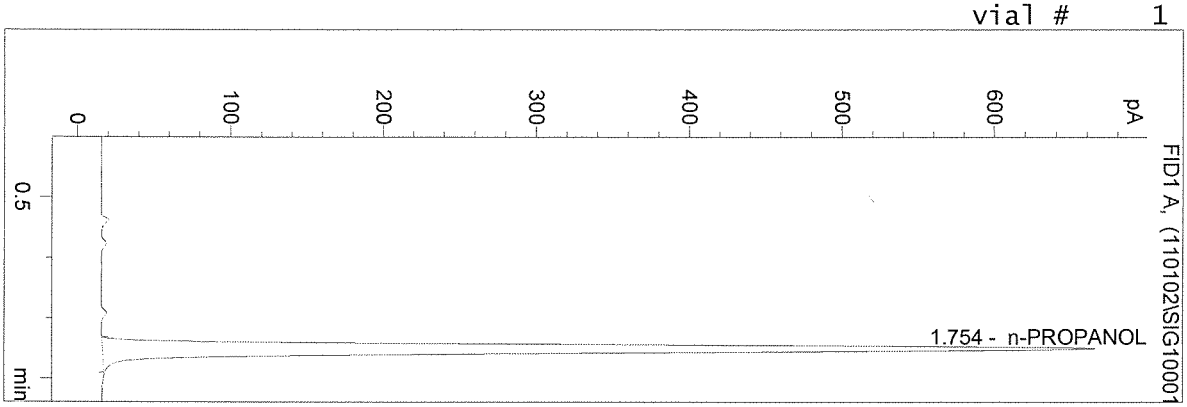
11/1/02 5:15:38 PM
Instrument 3
DB-ALC1

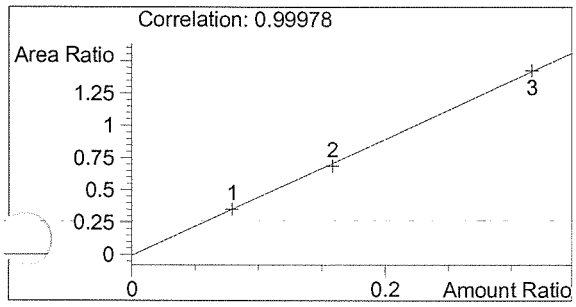
BLANK
BILL BOGEN

vial # 1

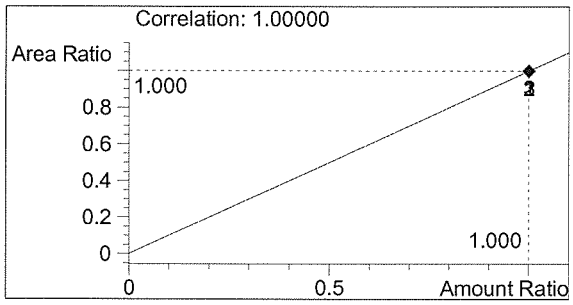


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2990	1.754

Totals:



ETHANOL 0.000 g/100mL



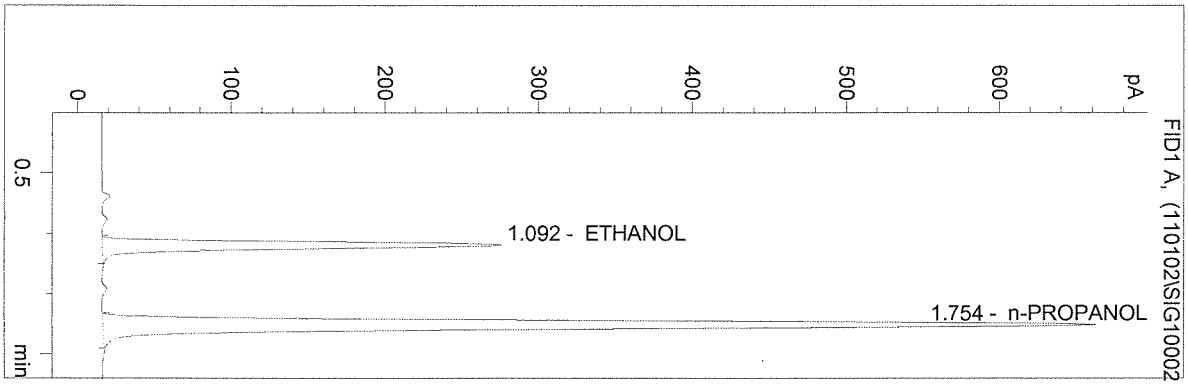
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/1/02 5:19:02 PM
Instrument 3
DB-ALC1

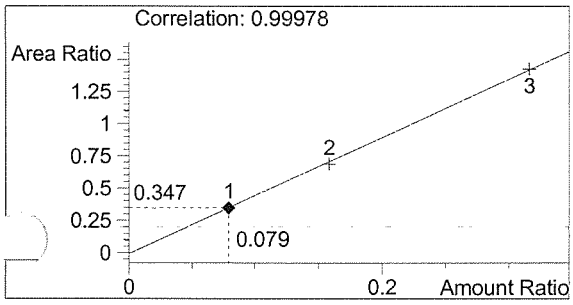
0.079 CAL
BILL BOGEN

vial # 2

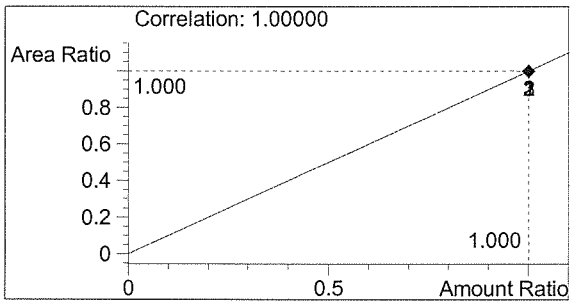


#	Compound	Area	RT
1	ETHANOL	1031	1.092
2	n-PROPANOL	2970	1.754

Totals:



ETHANOL 0.079 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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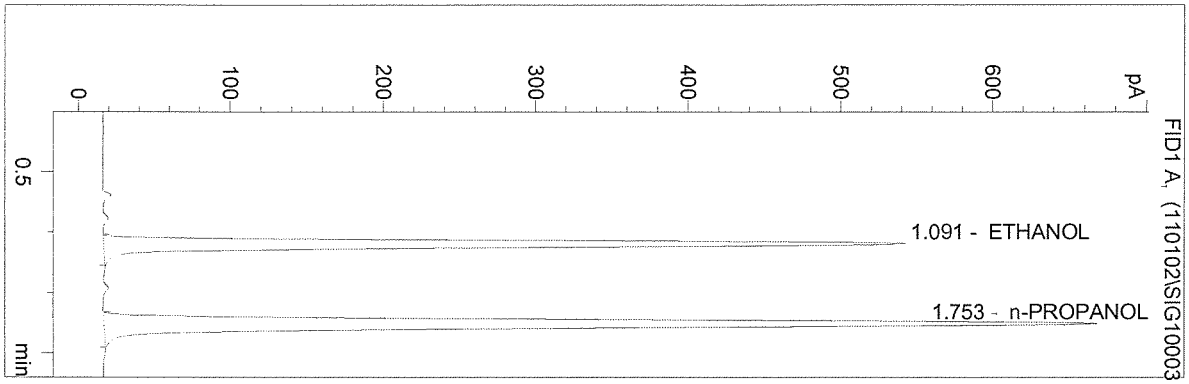
Instrument 3
DB-ALC1

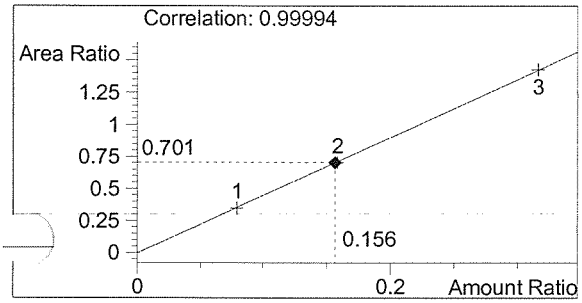
0.158 CAL
BILL BOGEN

vial # 3

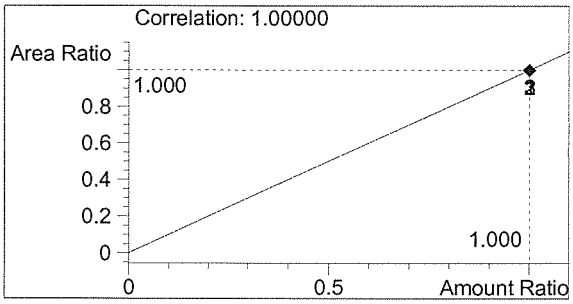


#	Compound	Area	RT
1	ETHANOL	2107	1.091
2	n-PROPANOL	3004	1.753

Totals:



ETHANOL 0.156 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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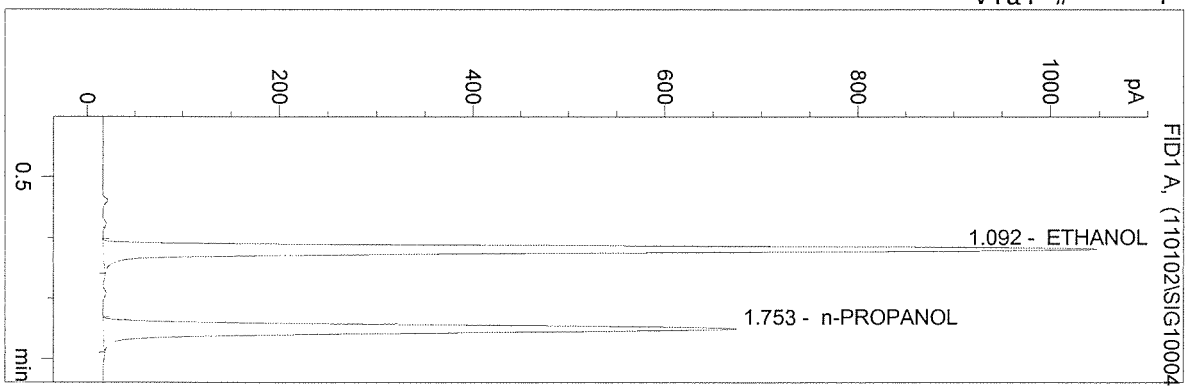
Instrument 3
DB-ALC1

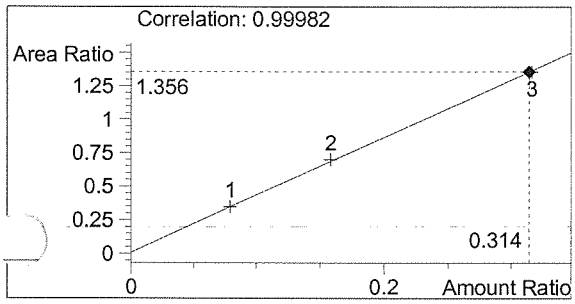
0.316 CAL
BILL BOGEN

vial # 4

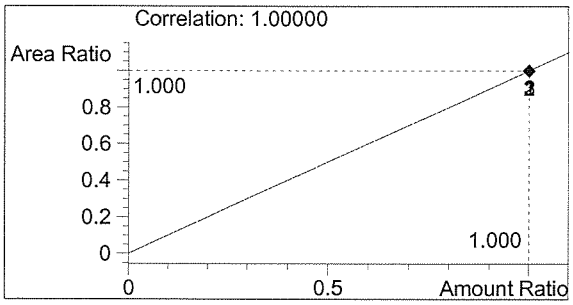


#	Compound	Area	RT
1	ETHANOL	4079	1.092
2	n-PROPANOL	3007	1.753

Totals:



ETHANOL 0.314 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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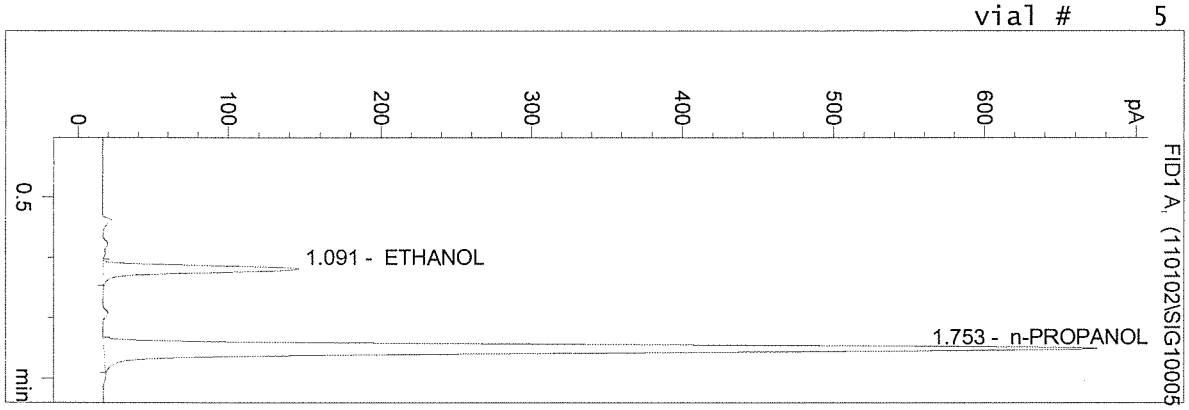
Instrument 3
DB-ALC1

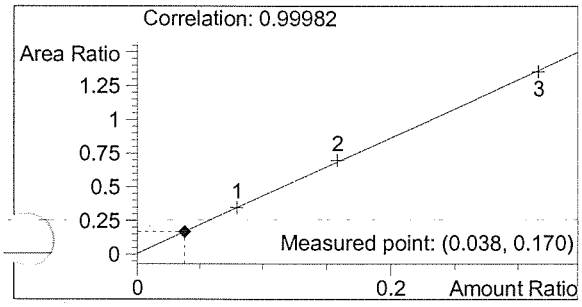
0.04 CONTROL
BILL BOGEN

vial # 5

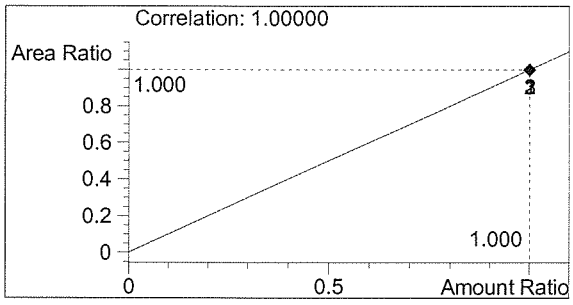


#	Compound	Area	RT
1	ETHANOL	511	1.091
2	n-PROPANOL	3001	1.753

Totals:



ETHANOL 0.038 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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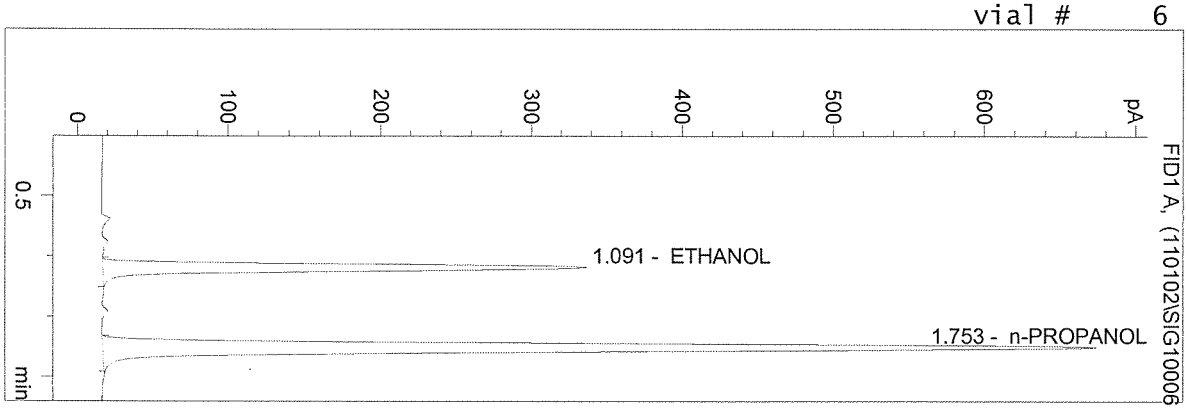
11/1/02 5:31:58 PM
Instrument 3
DB-ALC1

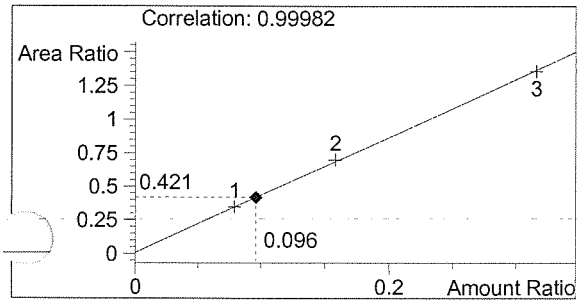
0.10 CONTROL
BILL BOGEN

vial # 6

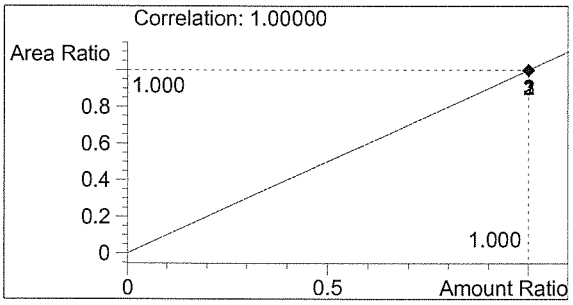


#	Compound	Area	RT
1	ETHANOL	1265	1.091
2	n-PROPANOL	3007	1.753

Totals:



ETHANOL 0.096 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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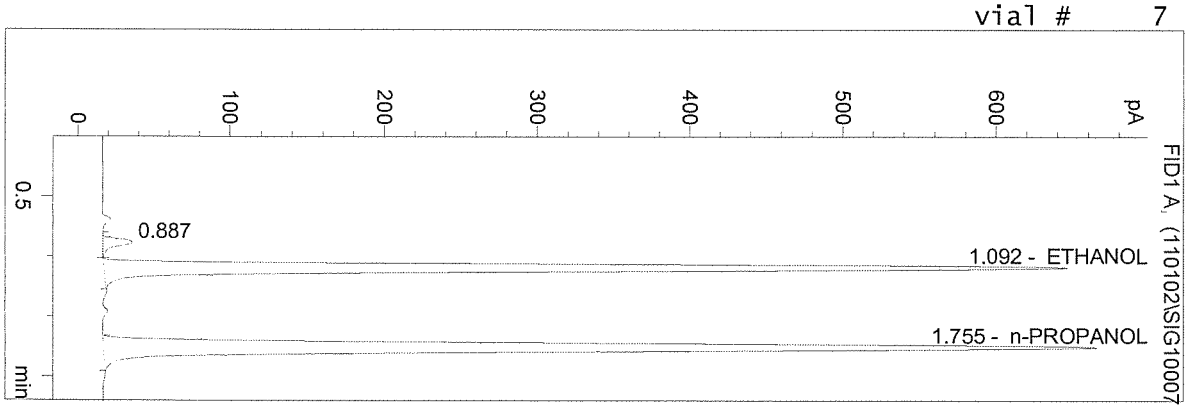
Instrument 3
DB-ALC1

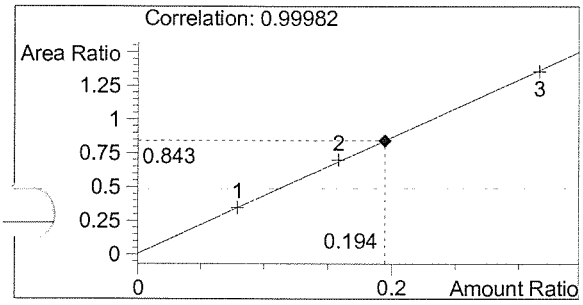
0.20 CONTROL
BILL BOGEN

vial # 7

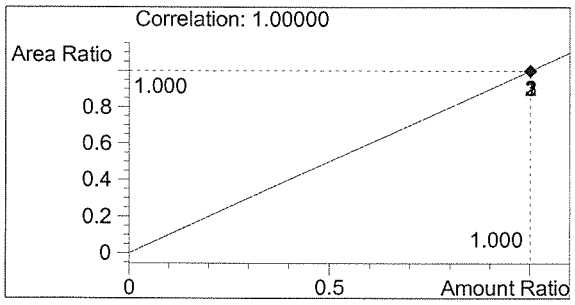


#	Compound	Area	RT
1		81	0.887
2	ETHANOL	2514	1.092
3	n-PROPANOL	2984	1.755

Totals:



ETHANOL 0.194 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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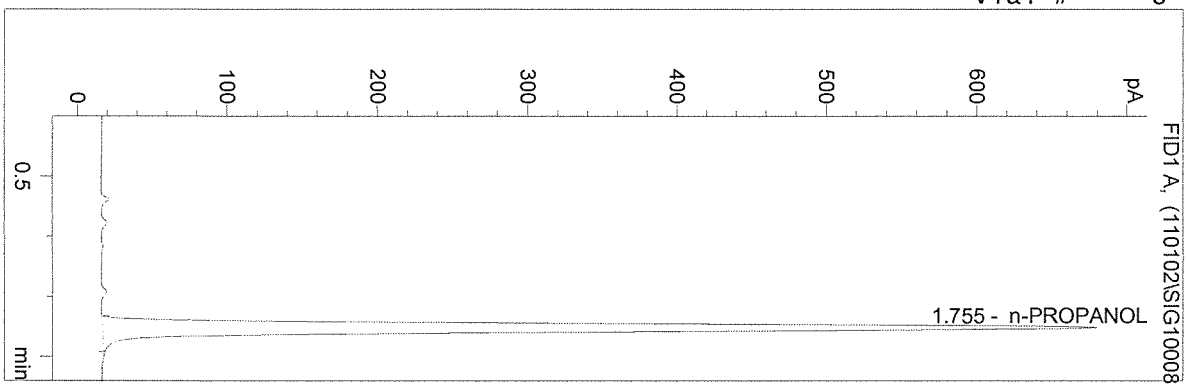
Instrument 3
DB-ALC1

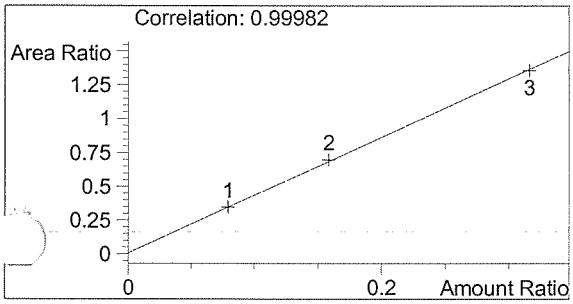
BLANK
BILL BOGEN

vial # 8

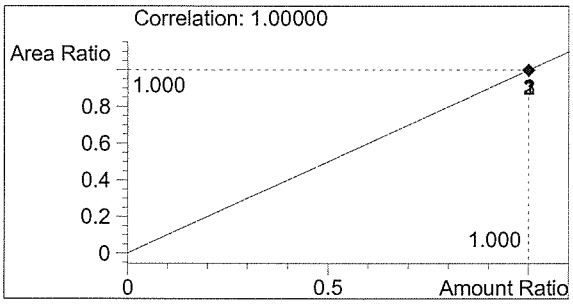


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3039	1.755

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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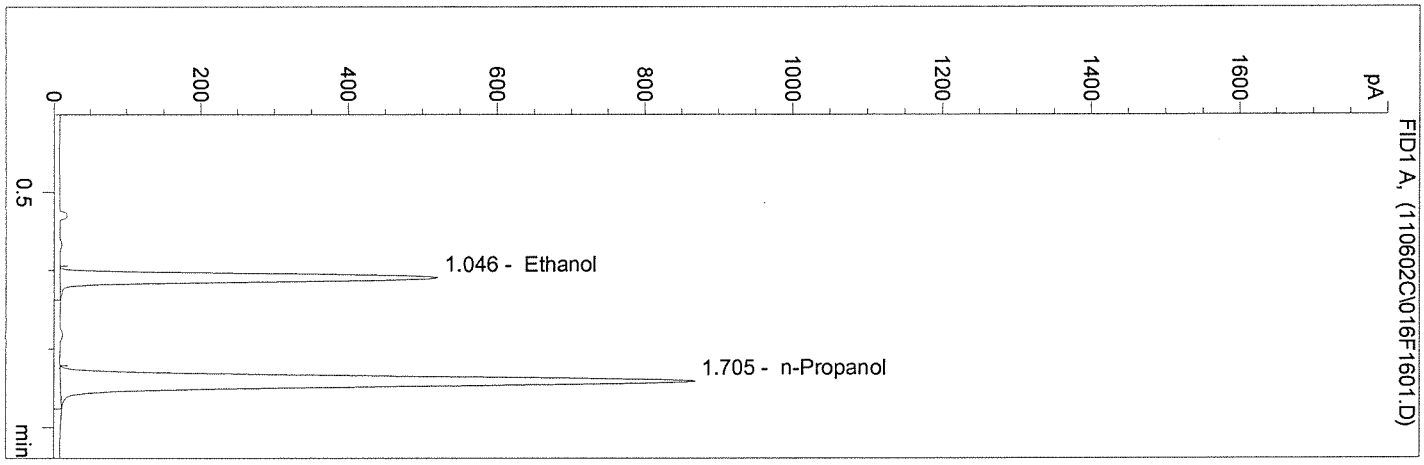
Instrument 1
-ALC1

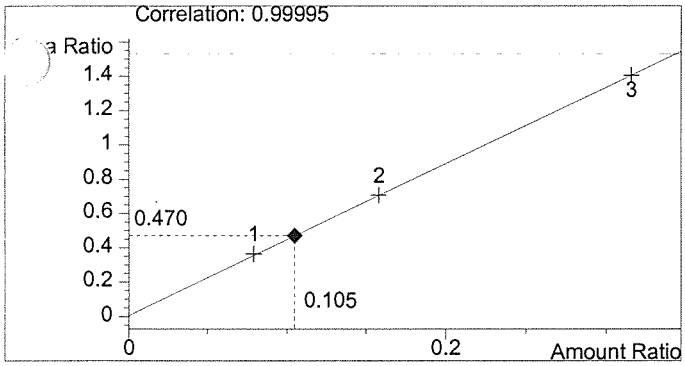
02037IM SOLN
M PEMBERTON

vial # 16

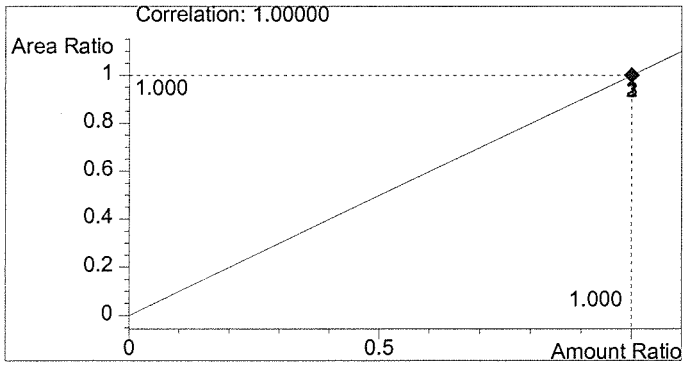


#	Compound	Area	RT
1	Ethanol	1791	1.046
2	n-Propanol	3809	1.705

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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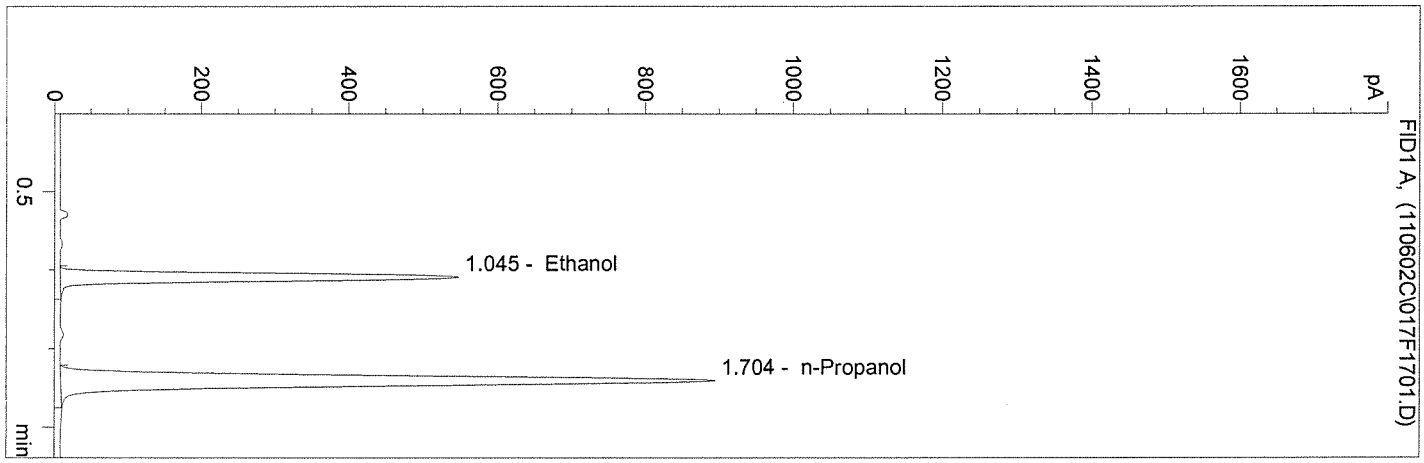
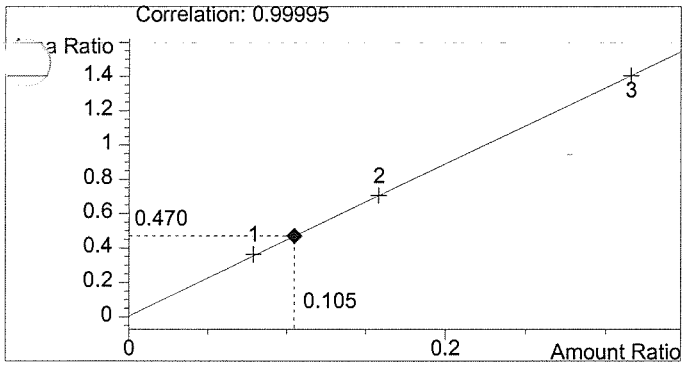
Instrument 1
-ALC1

02037 SIM SOLN
M PEMBERTON

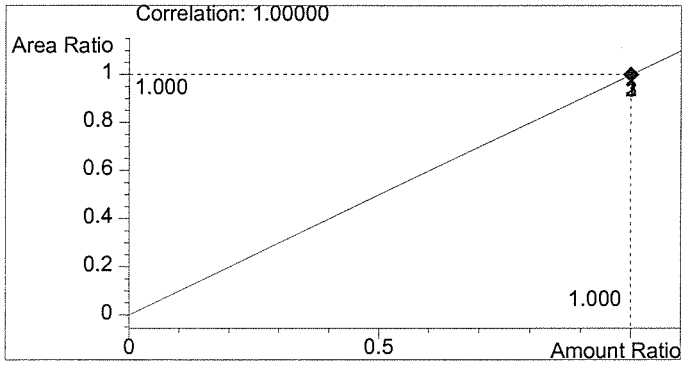
vial # 17



#	Compound	Area	RT
1	Ethanol	1815	1.045
2	n-Propanol	3861	1.704
Totals:			



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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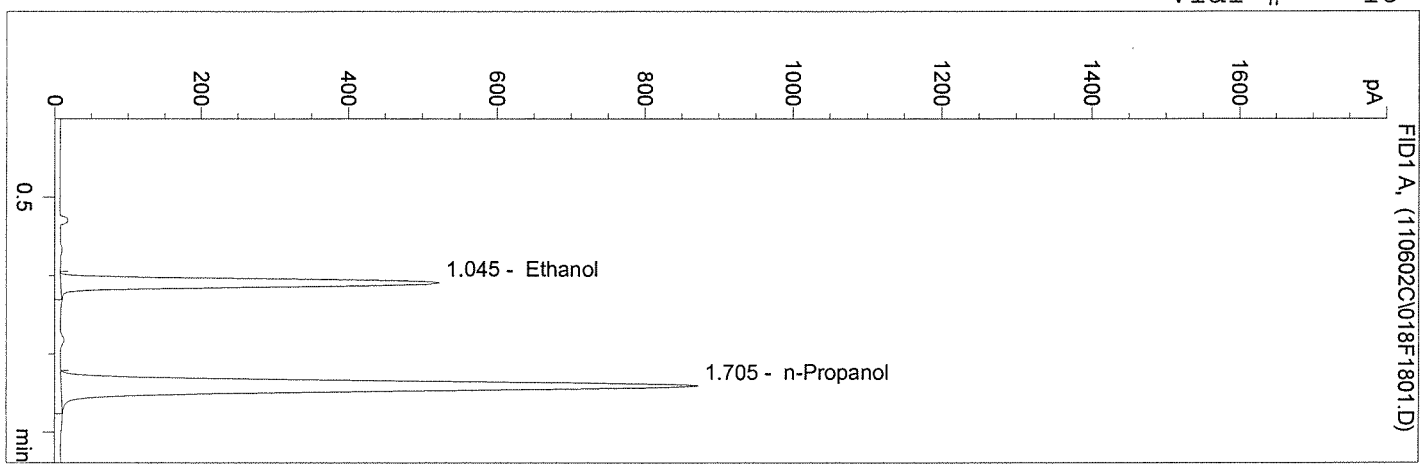
Instrument 1
DB-ALC1

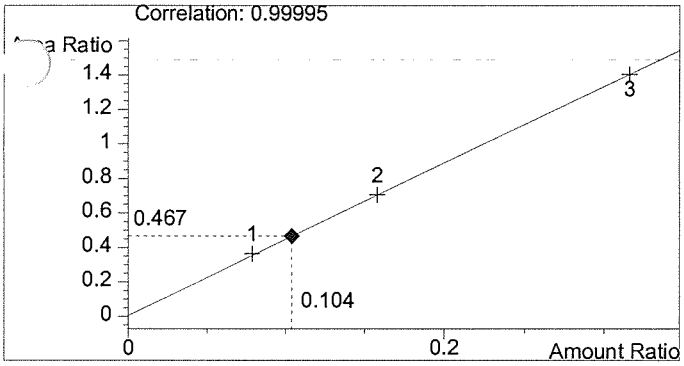
02037 SIM SOLN
M PEMBERTON

vial # 18

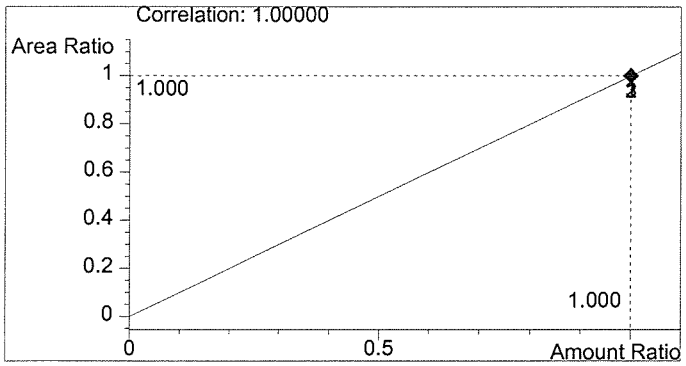


#	Compound	Area	RT
1	Ethanol	1775	1.045
2	n-Propanol	3804	1.705

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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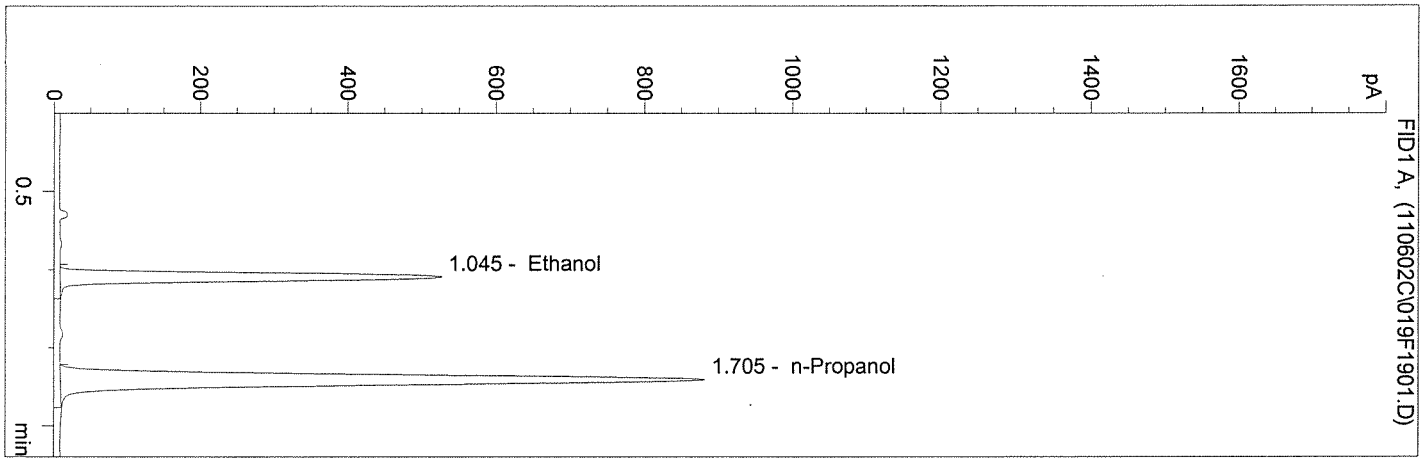
11/6/02 9:29:25 AM
Instrument 1
DR-ALC1

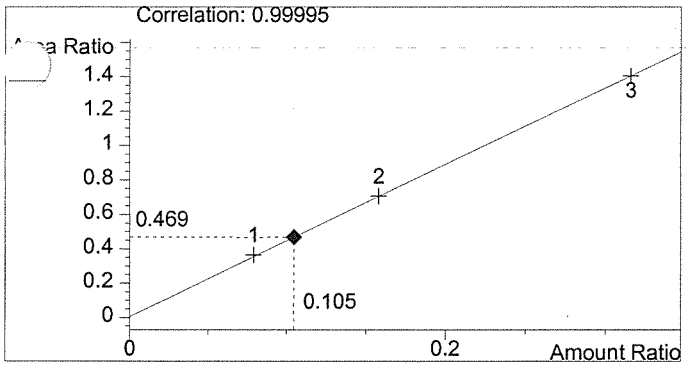
02037 SIM SOLN
M PEMBERTON

vial # 19

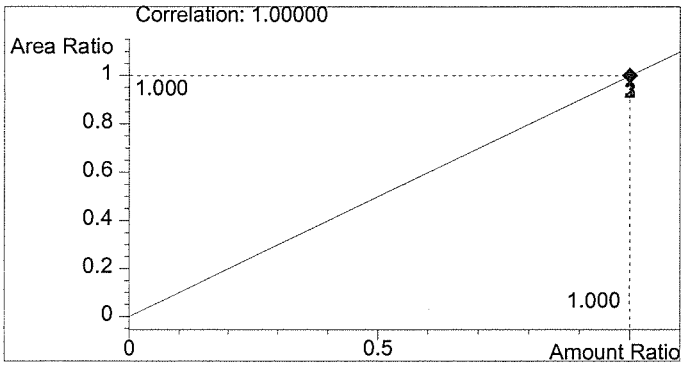


#	Compound	Area	RT
1	Ethanol	1816	1.045
2	n-Propanol	3871	1.705

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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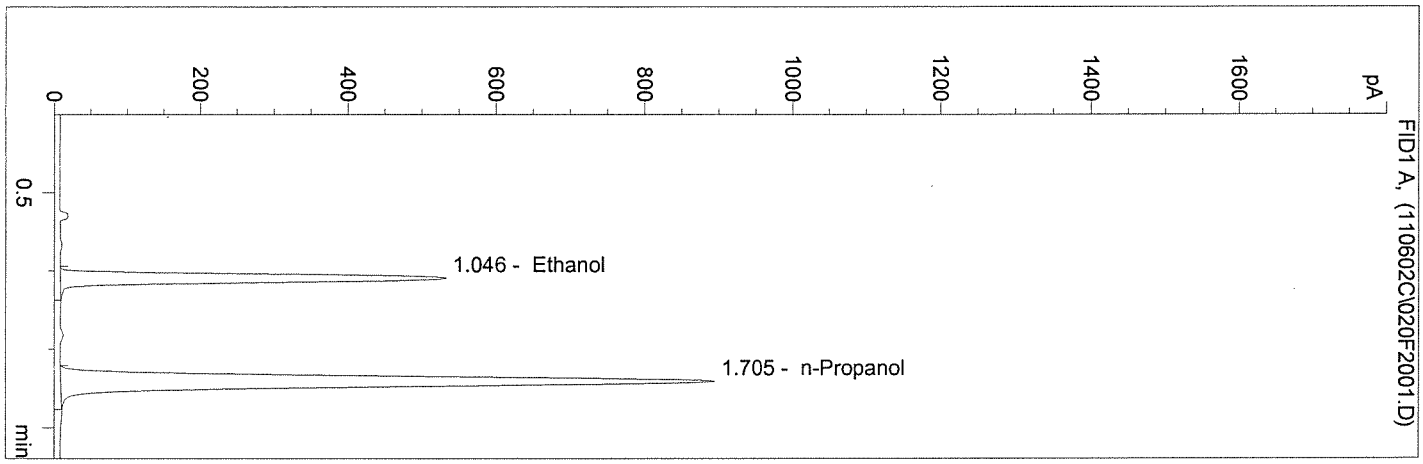
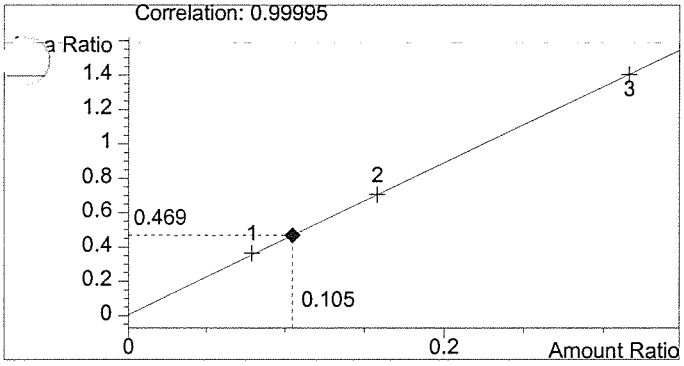
Instrument 1
-ALC1

02037 SIM SOLN
M PEMBERTON

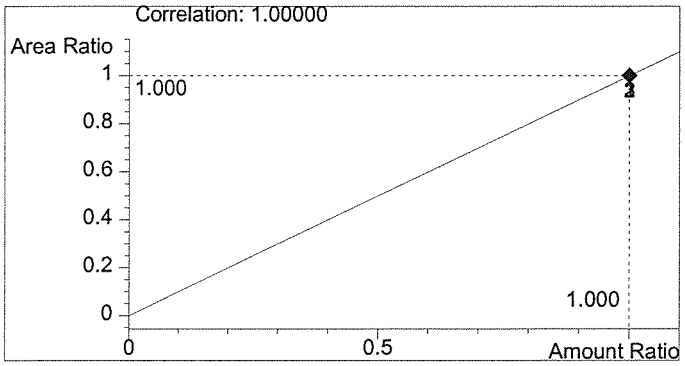
vial # 20



#	Compound	Area	RT
1	Ethanol	1846	1.046
2	n-Propanol	3936	1.705
Totals:			



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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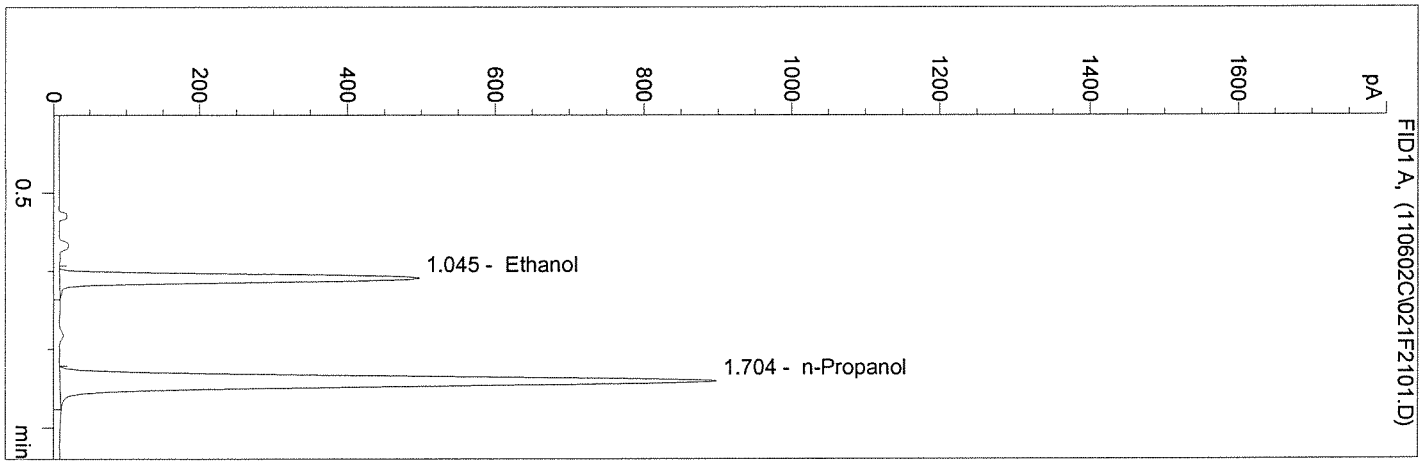
11/6/02 9:35:51 AM
Instrument 1
[illegible]-ALC1

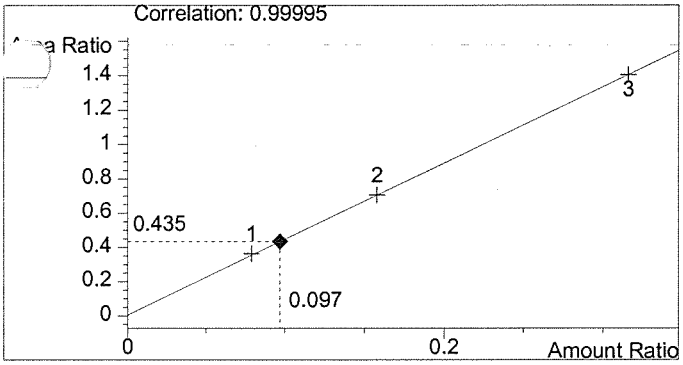
0.10 CONTROL
M PEMBERTON

vial # 21

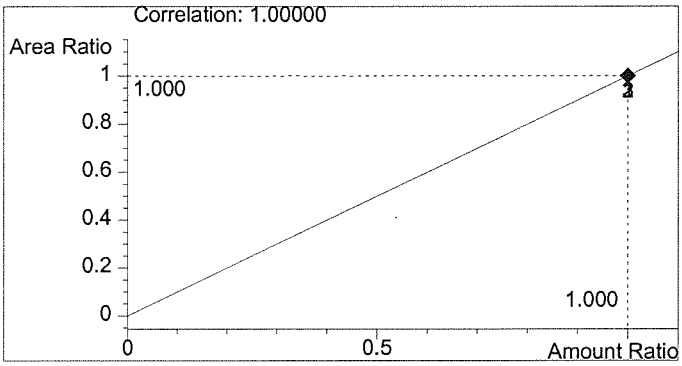


#	Compound	Area	RT
1	Ethanol	1715	1.045
2	n-Propanol	3943	1.704

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

Standards under 02038 sim soln

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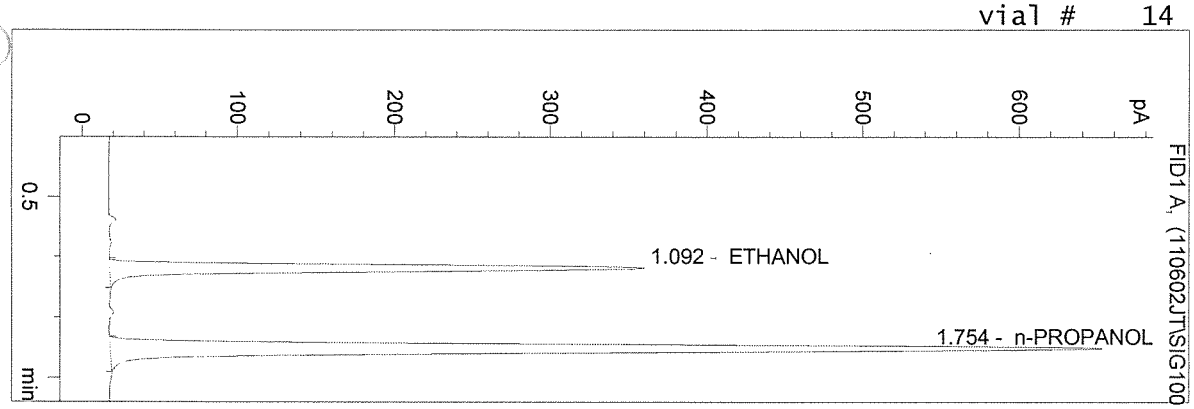
Instrument 3
DB-ALC1

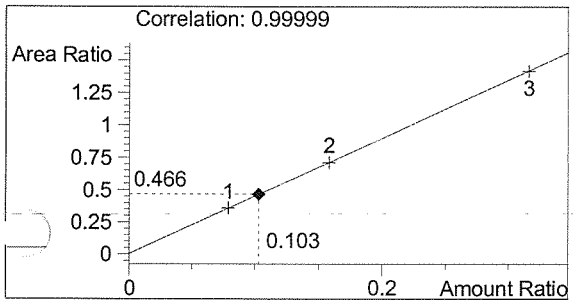
02037 SIM
Jayne E. Thatcher

vial # 14

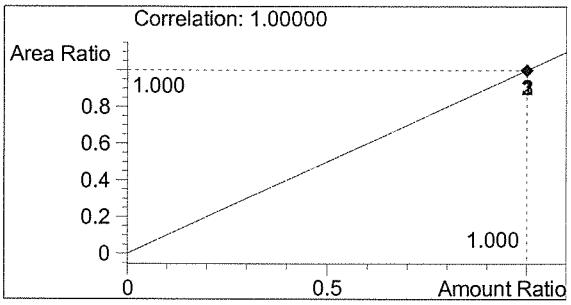


#	Compound	Area	RT
1	ETHANOL	1341	1.092
2	n-PROPANOL	2880	1.754

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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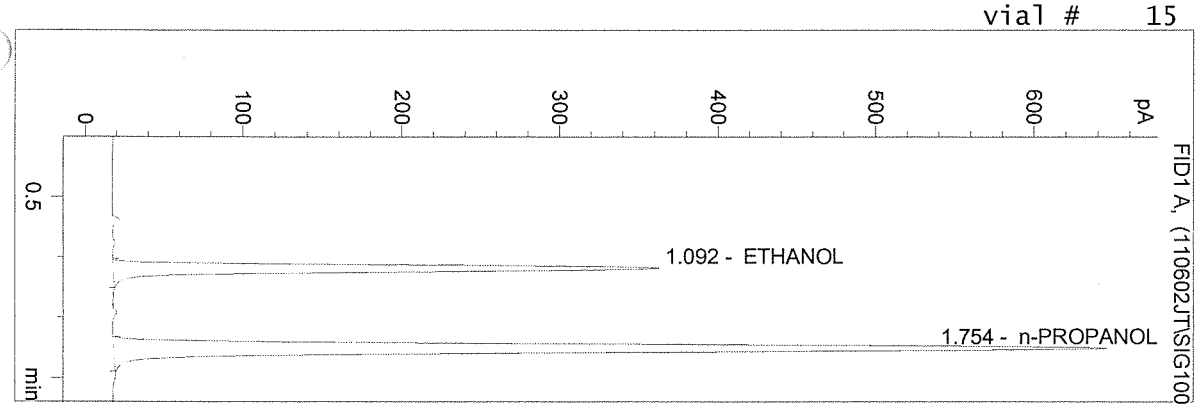
11/6/02 11:15:05 AM
Instrument 3
DB-ALC1

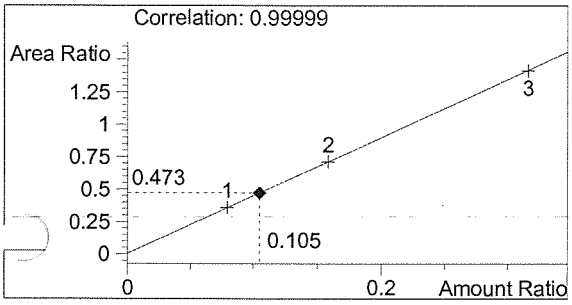
02037 SIM
Jayne E. Thatcher

vial # 15

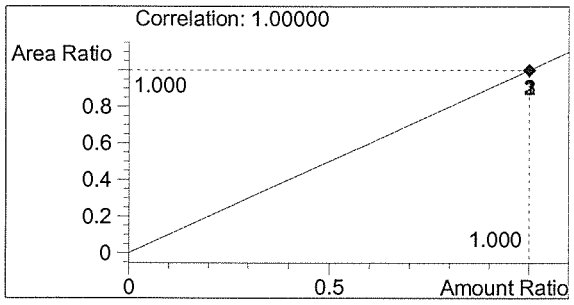


#	Compound	Area	RT
1	ETHANOL	1342	1.092
2	n-PROPANOL	2839	1.754

Totals:



ETHANOL 0.105 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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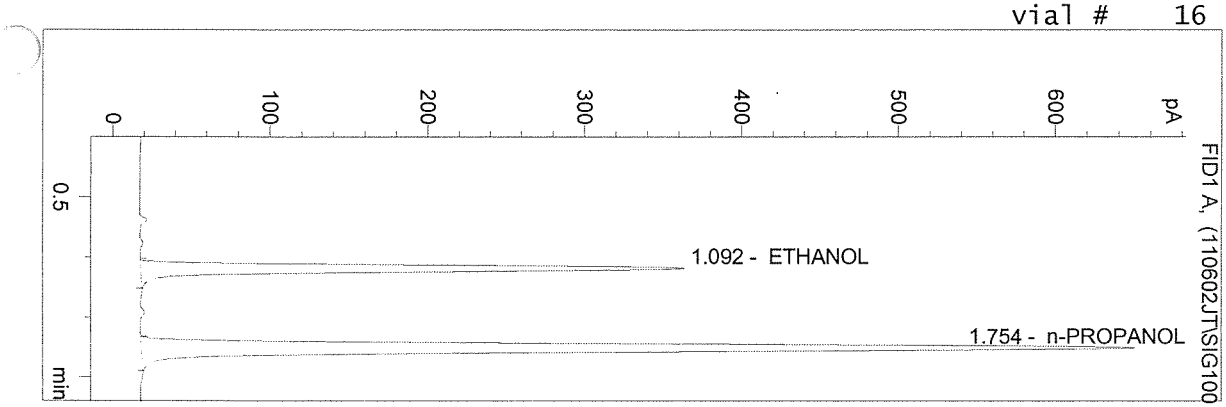
11/6/02 11:18:29 AM
Instrument 3
DB-ALC1

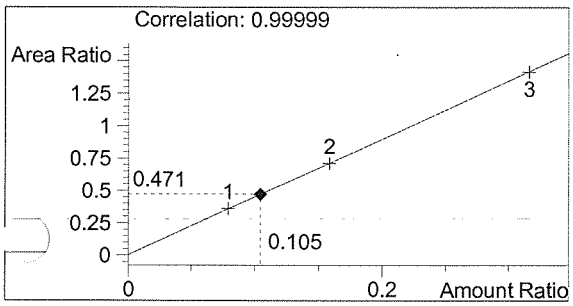
02037 SIM
Jayne E. Thatcher

vial # 16

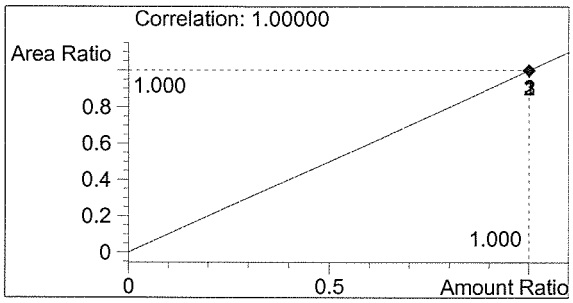


#	Compound	Area	RT
1	ETHANOL	1342	1.092
2	n-PROPANOL	2847	1.754

Totals:



ETHANOL 0.105 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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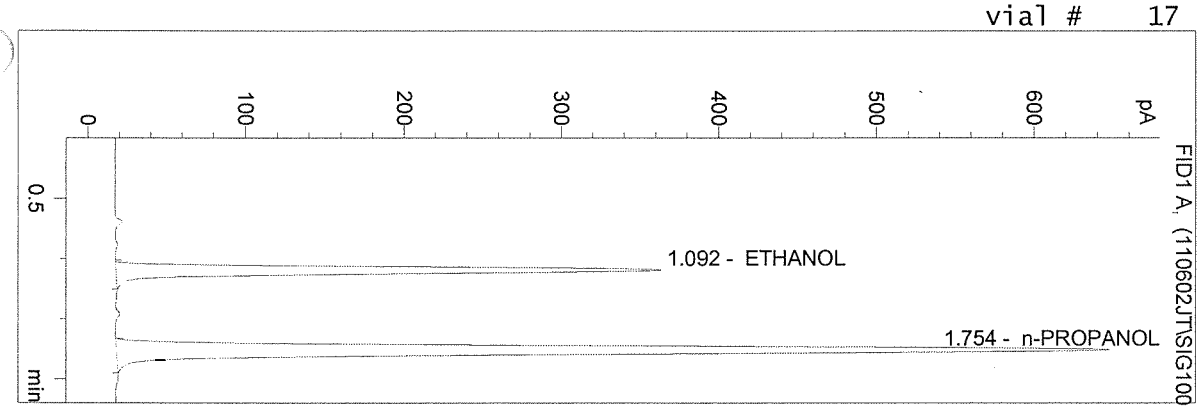
11/6/02 11:21:52 AM
Instrument 3
DB-ALC1

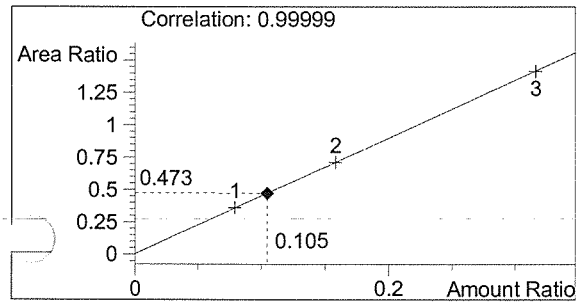
02037 SIM
Jayne E. Thatcher

vial # 17

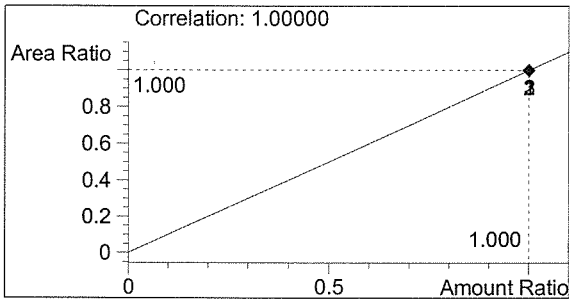


#	Compound	Area	RT
1	ETHANOL	1355	1.092
2	n-PROPANOL	2868	1.754

Totals:



ETHANOL 0.105 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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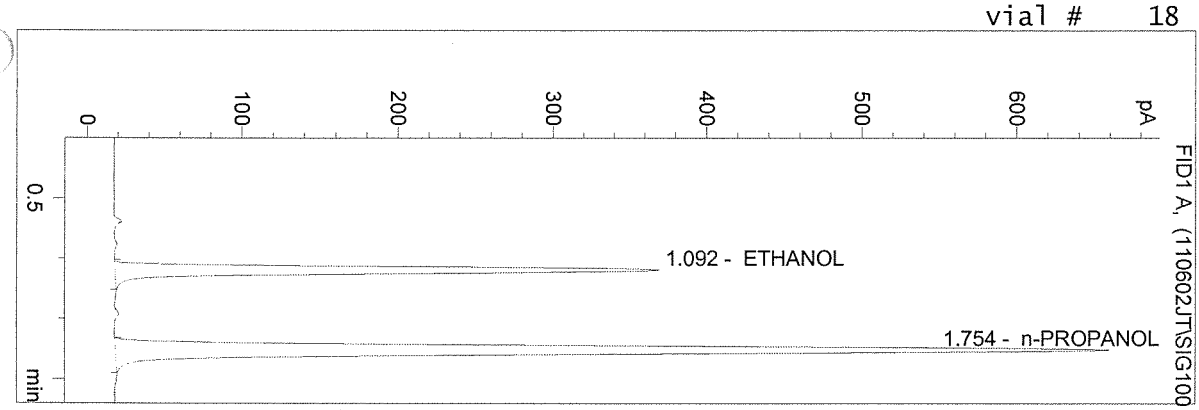
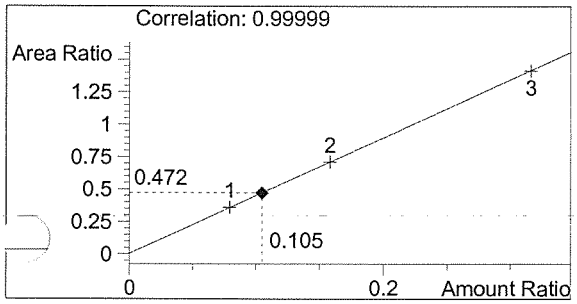
11/6/02 11:25:15 AM
Instrument 3
DB-ALC1

02037 SIM
Jayne E. Thatcher

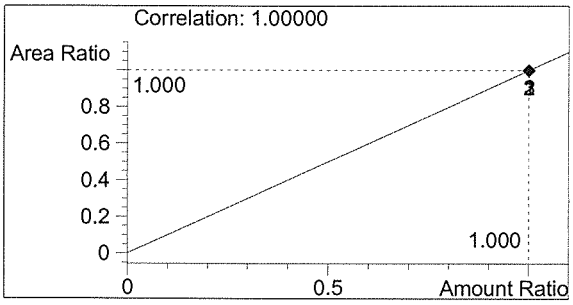
vial # 18



#	Compound	Area	RT
1	ETHANOL	1371	1.092
2	n-PROPANOL	2903	1.754
Totals:			



ETHANOL 0.105 g/100mL



n-PROPANOL 1.000 g/100mL

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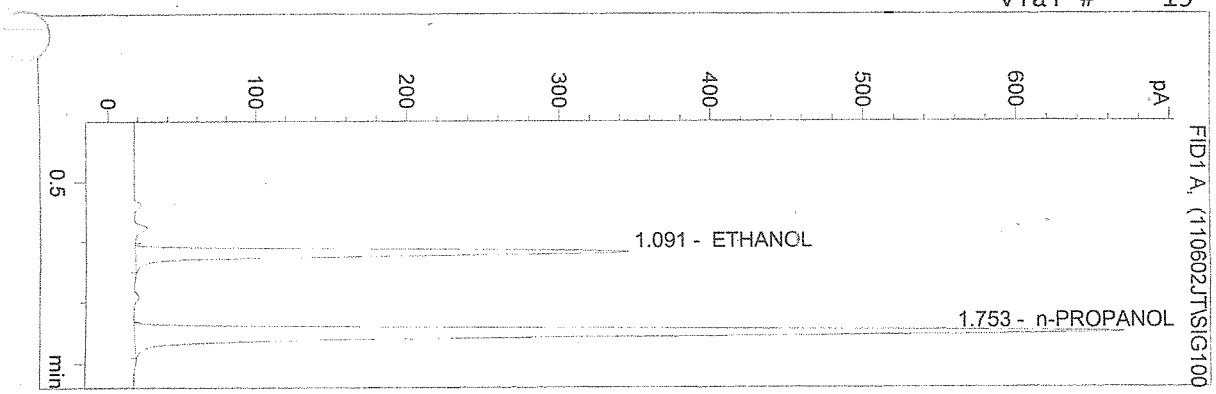
strument 3
-ALC1

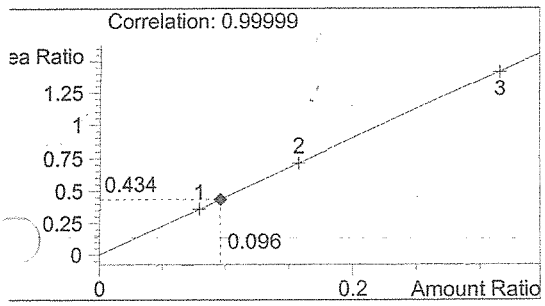
0.10 control
Jayne E. Thatcher

vial # 19

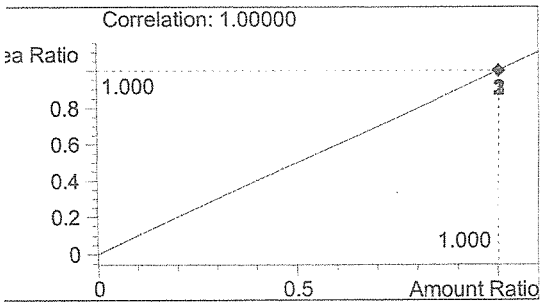


#	Compound	Area	RT
1	ETHANOL	1285	1.091
2	n-PROPANOL	2963	1.753

Totals:



ETHANOL 0.096 g/100mL



n-PROPANOL 1.000 g/100mL

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nstrument 3
B-ALC1

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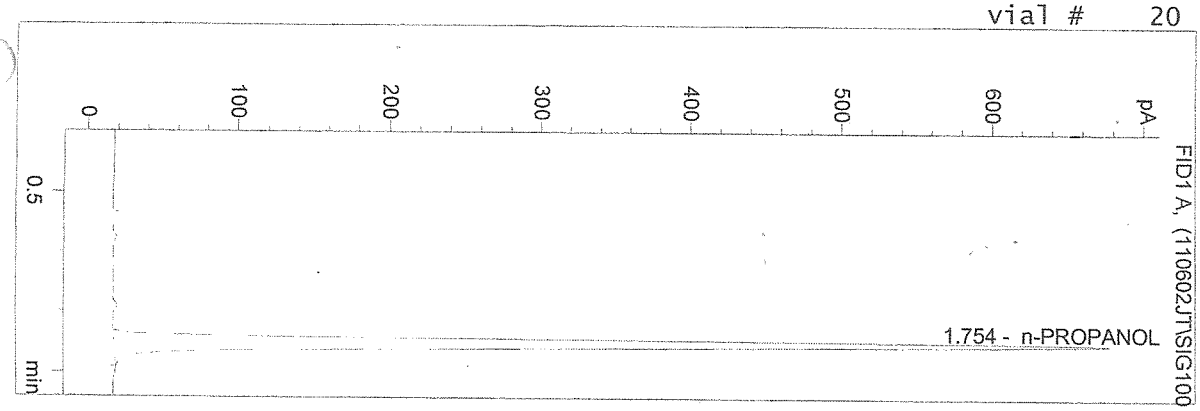
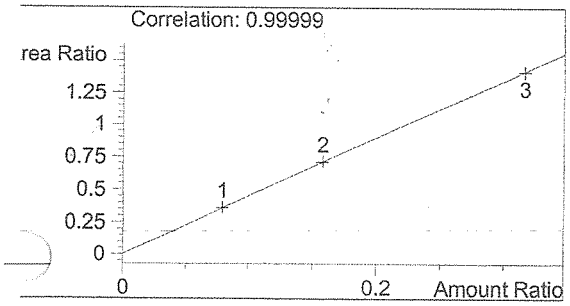
Jayne E. Thatcher

vial # 20

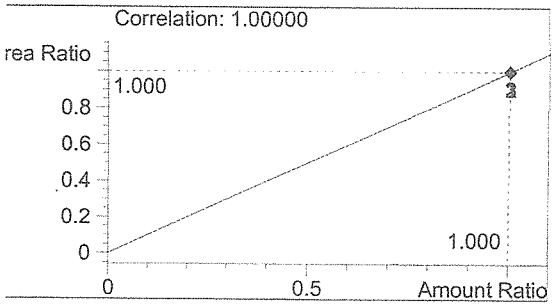


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2993	1.754

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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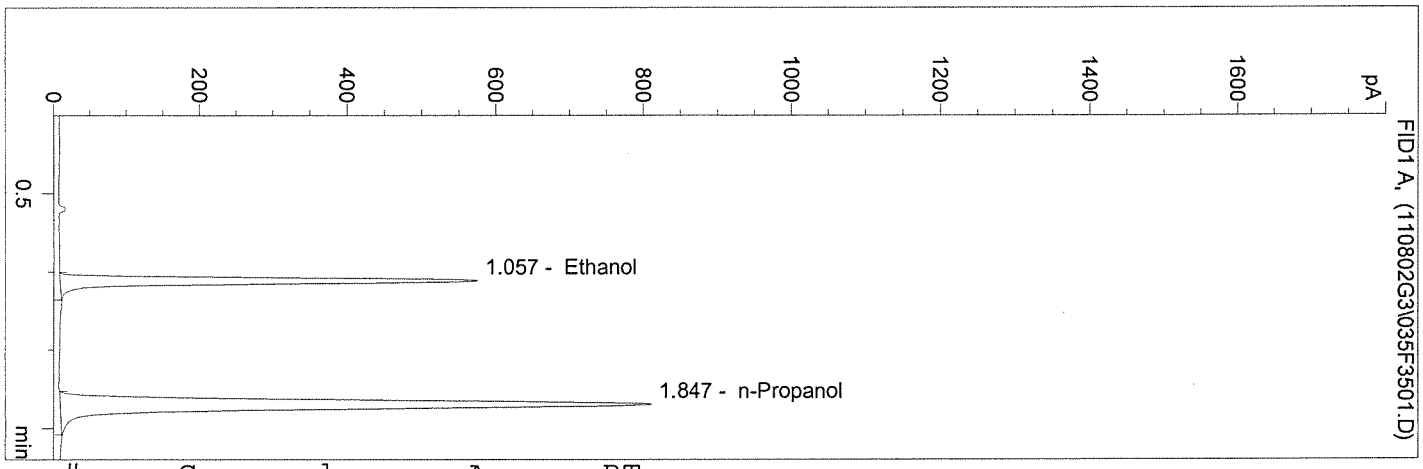
Instrument 2
DB-ALC1

cal 026679

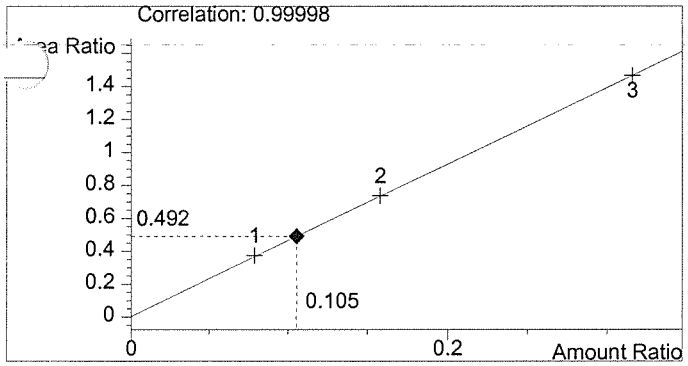
0.08SSOL 02037
GENE SCHWILKE

vial # 35

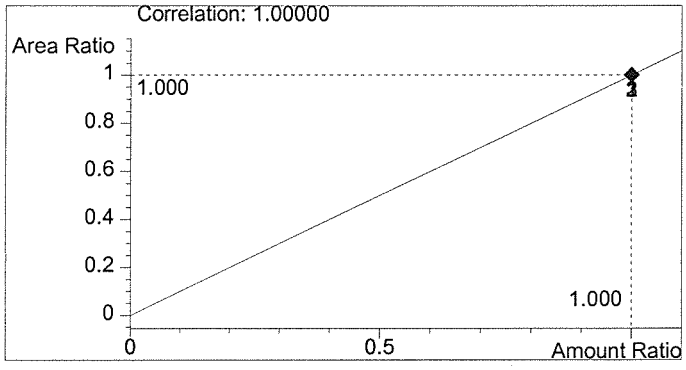


#	Compound	Area	RT
1	Ethanol	1524	1.057
2	n-Propanol	3098	1.847

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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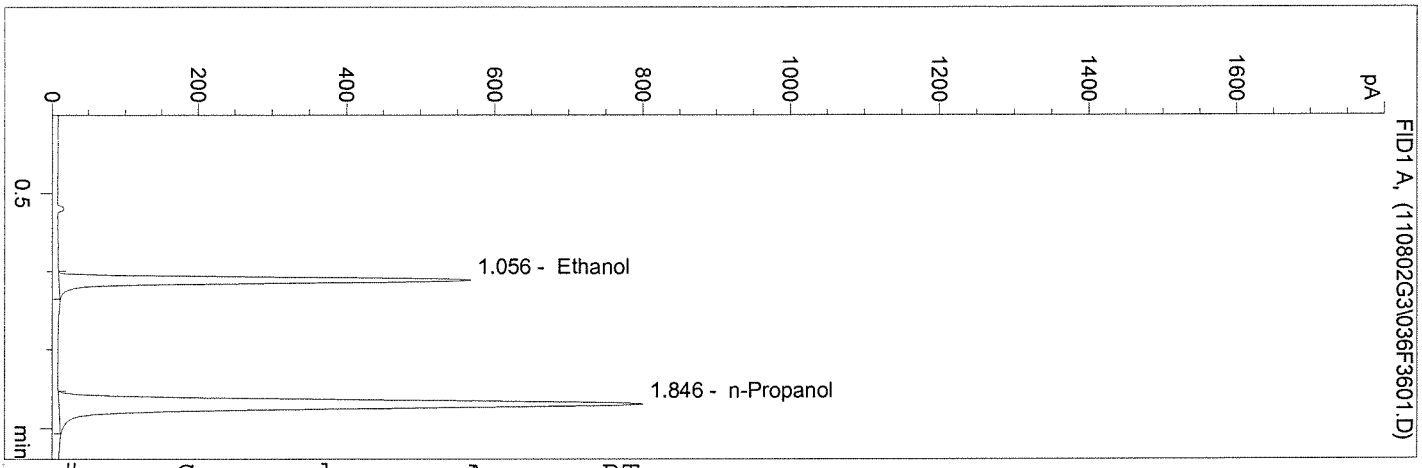
Instrument 2
DB-ALC1

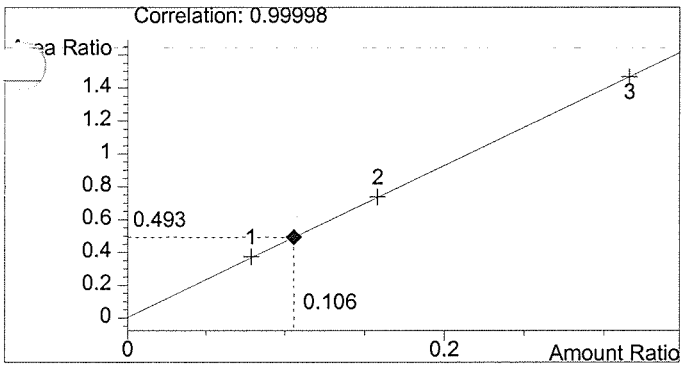
0.08SSOL 02037
GENE SCHWILKE

vial # 36

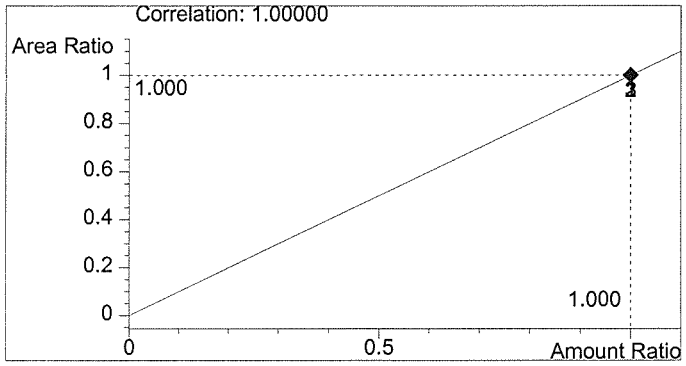


#	Compound	Area	RT
1	Ethanol	1503	1.056
2	n-Propanol	3047	1.846

Totals:



Ethanol 0.106 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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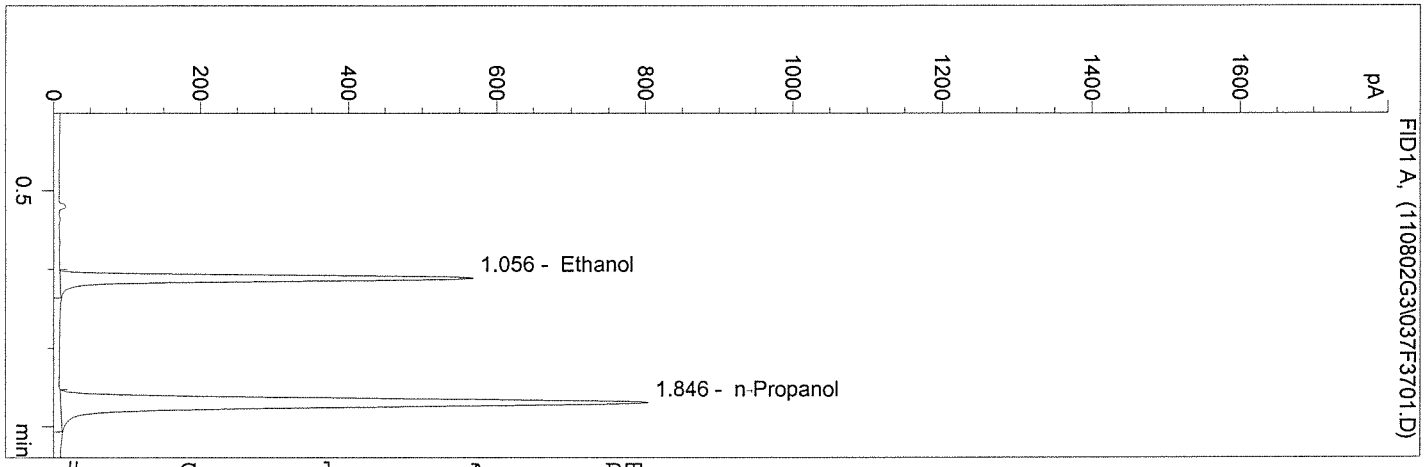
Instrument 2
DB-ALC1

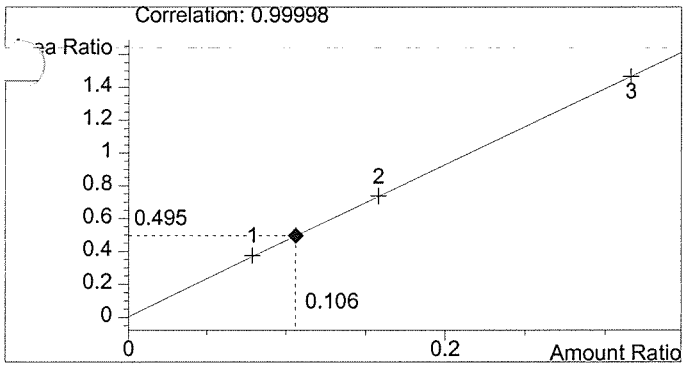
0.08SSOL 02037
GENE SCHWILKE

vial # 37

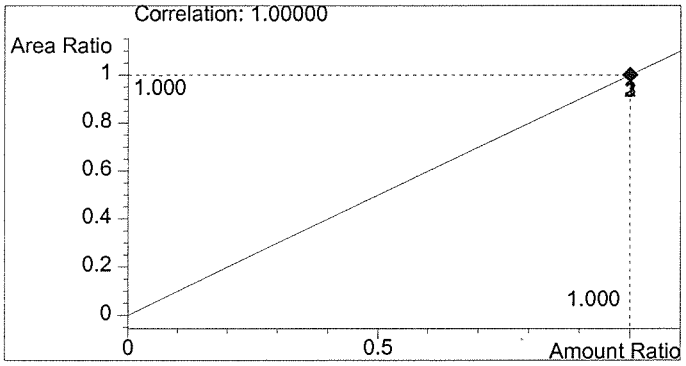


#	Compound	Area	RT
1	Ethanol	1512	1.056
2	n-Propanol	3052	1.846

Totals:



Ethanol 0.106 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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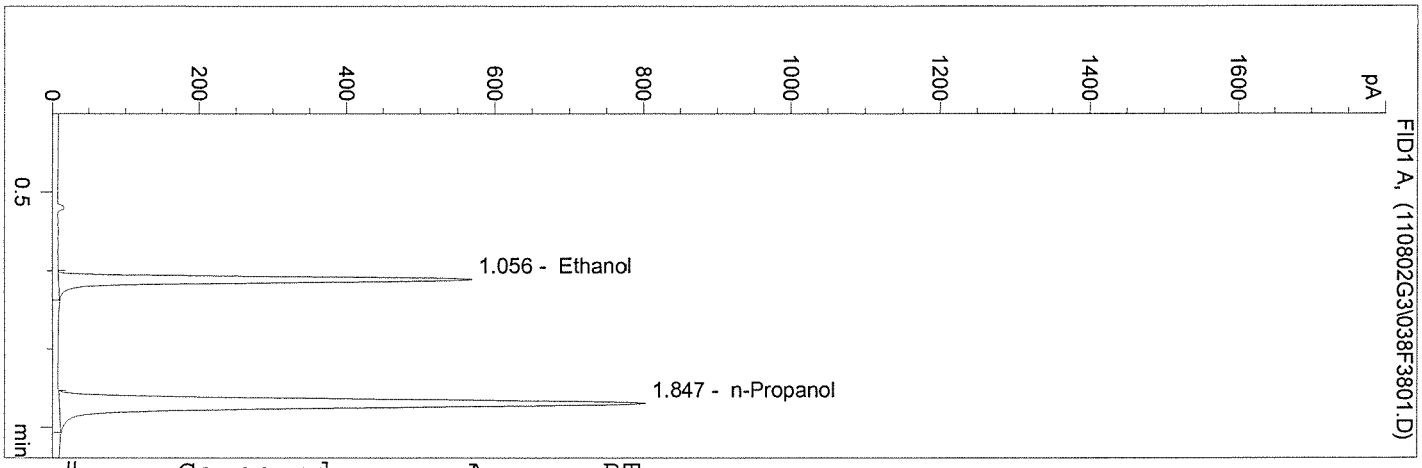
Instrument 2
DB-ALC1

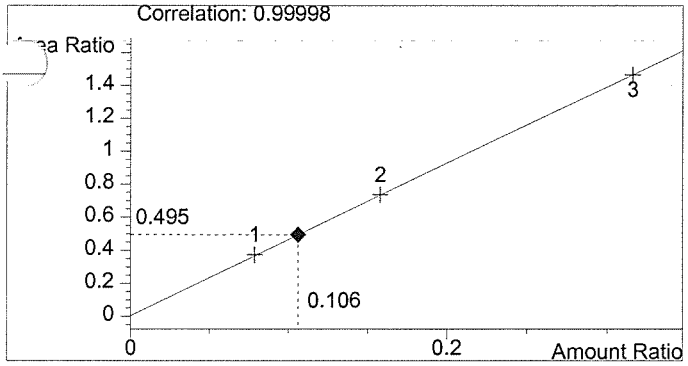
0.08SSOL 02037
GENE SCHWILKE

vial # 38

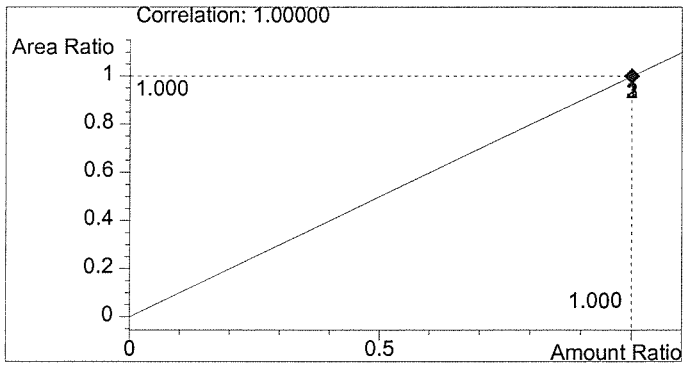


#	Compound	Area	RT
1	Ethanol	1511	1.056
2	n-Propanol	3052	1.847

Totals:



Ethanol 0.106 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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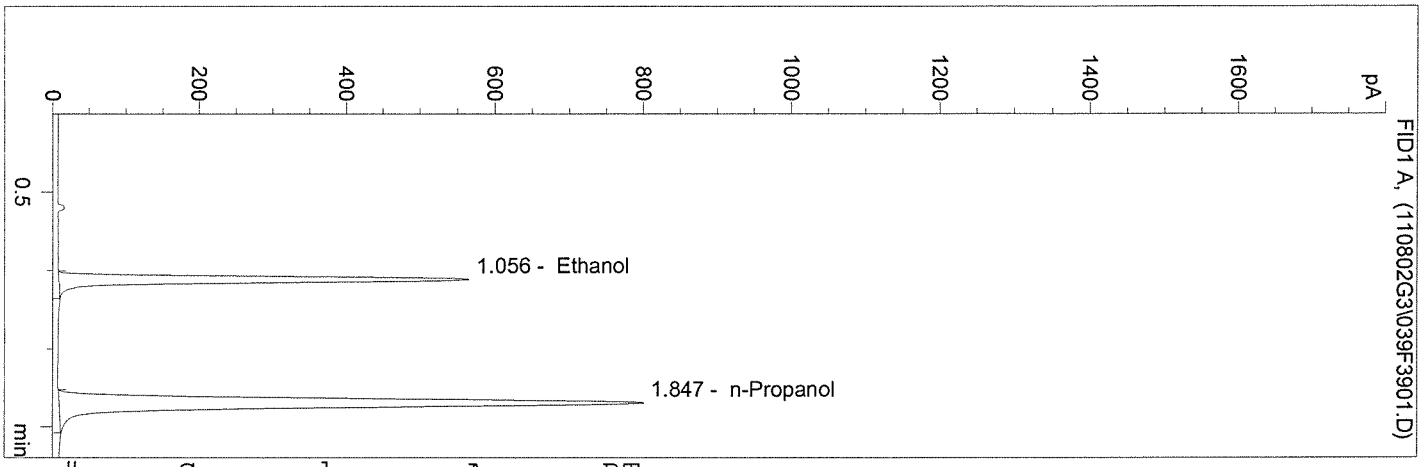
Instrument 2
DB-ALC1

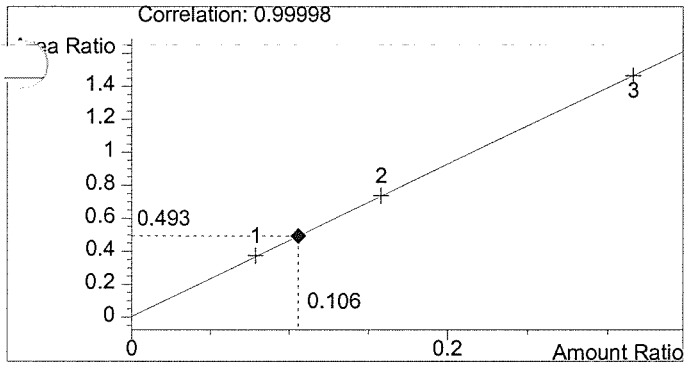
0.08SSOL 02037
GENE SCHWILKE

vial # 39

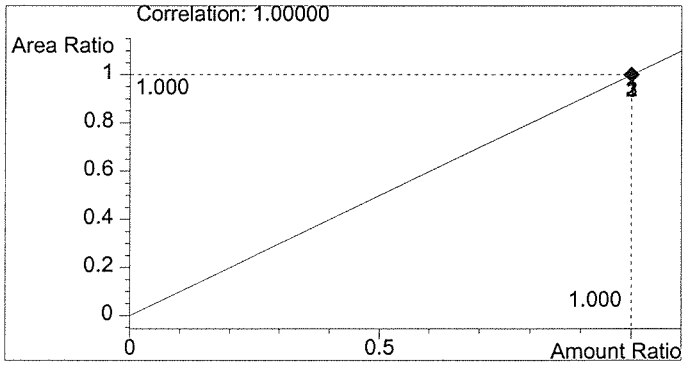


#	Compound	Area	RT
1	Ethanol	1506	1.056
2	n-Propanol	3054	1.847

Totals:



Ethanol 0.106 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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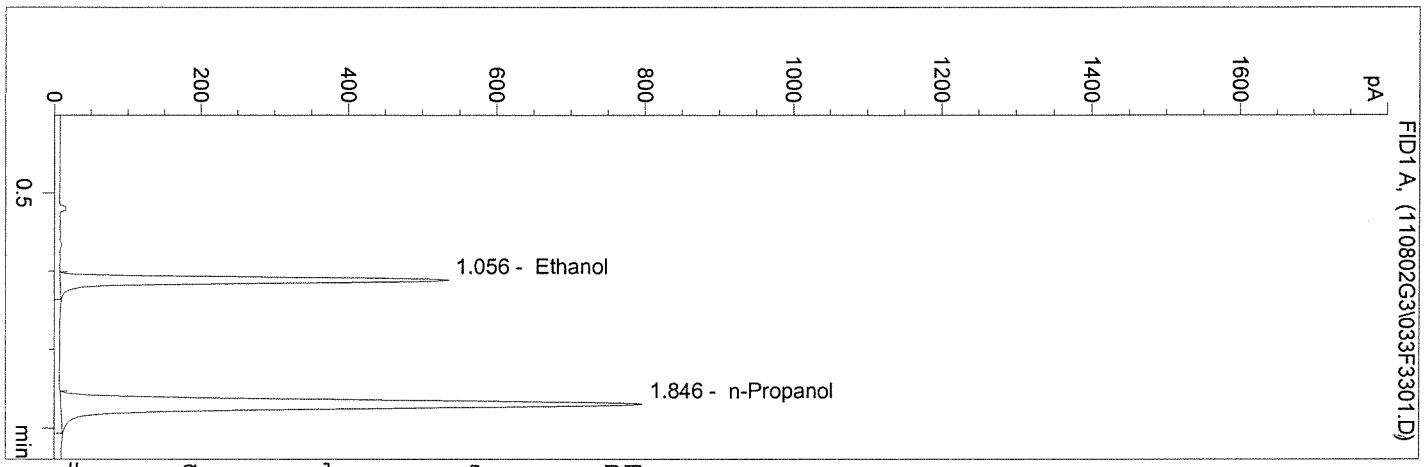
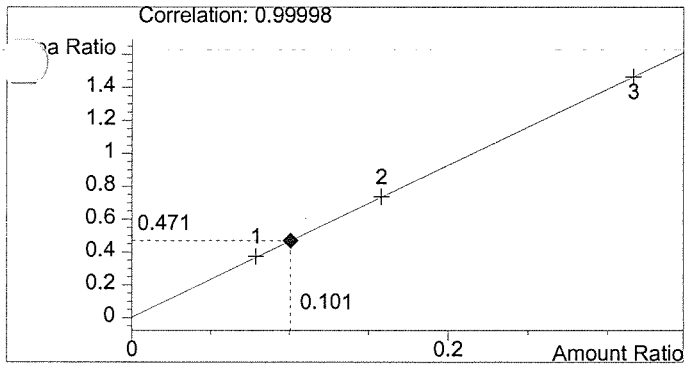
Instrument 2
PB-ALC1

CAP 0.100
GENE SCHWILKE

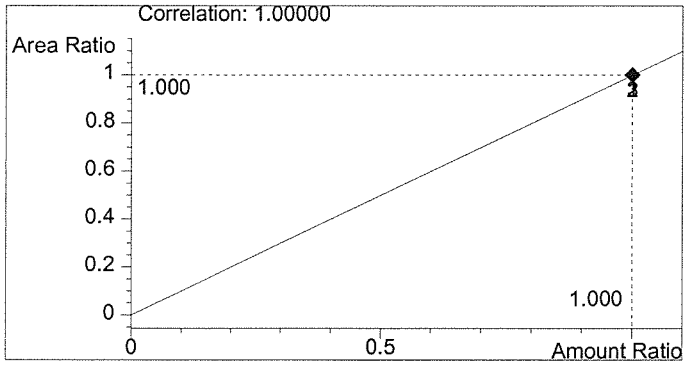
vial # 33



#	Compound	Area	RT
1	Ethanol	1426	1.056
2	n-Propanol	3028	1.846
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
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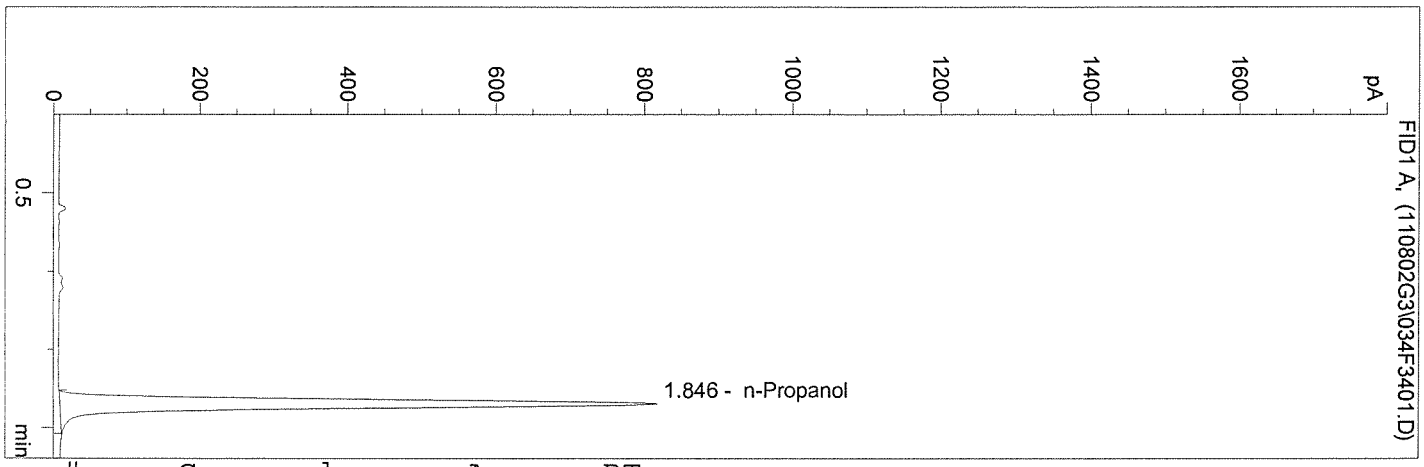
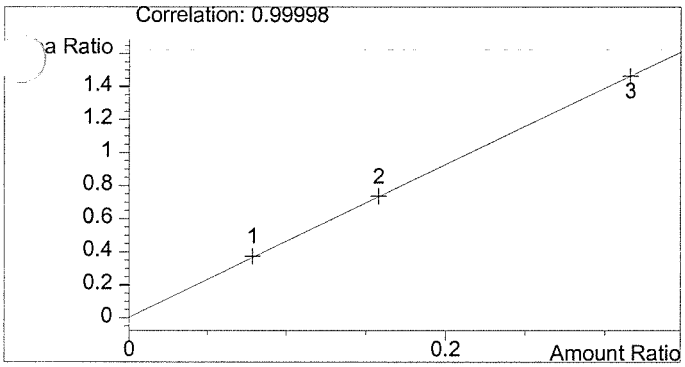
GENE SCHWILKE

vial # 34

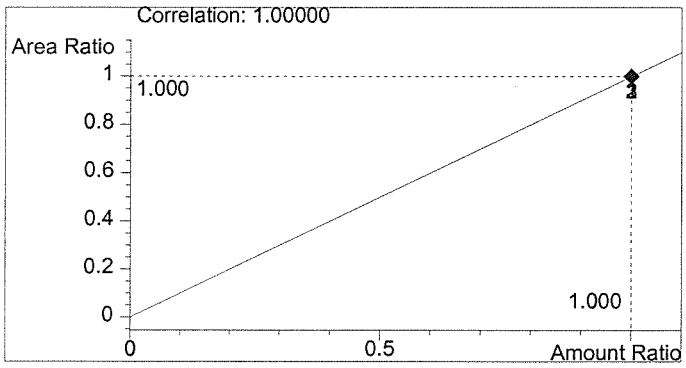


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3121	1.846

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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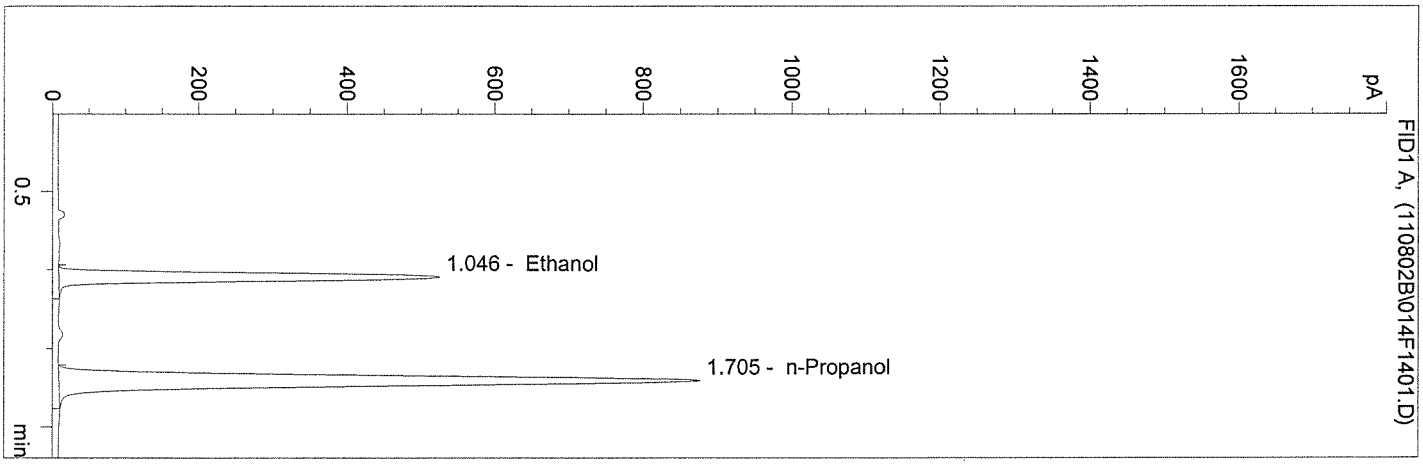
Instrument 1
-ALC1

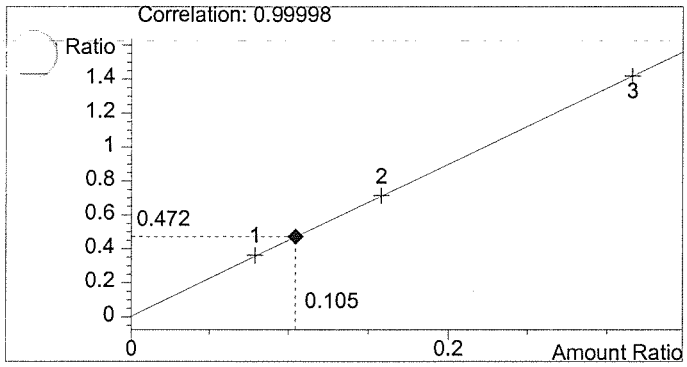
02037-1 sim
N. Nuwayhid, PhD

vial # 14

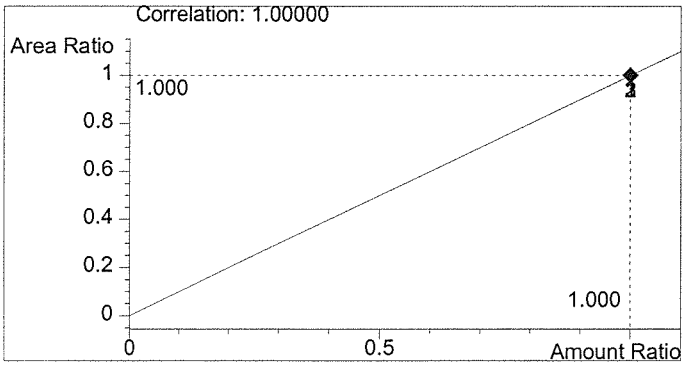


#	Compound	Area	RT
1	Ethanol	1807	1.046
2	n-Propanol	3827	1.705

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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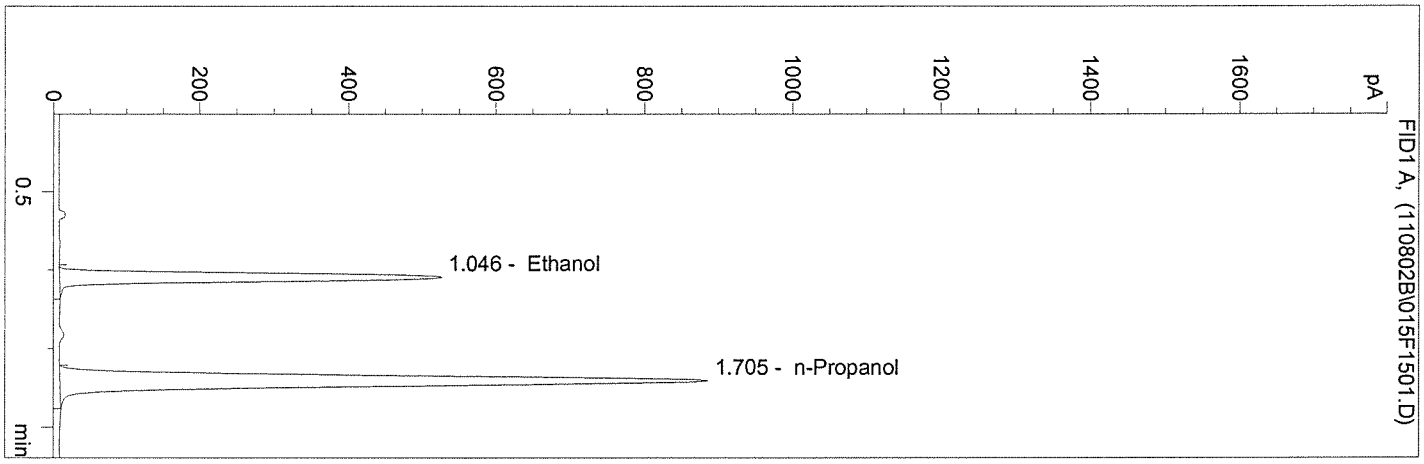
Instrument 1
DB-ALC1

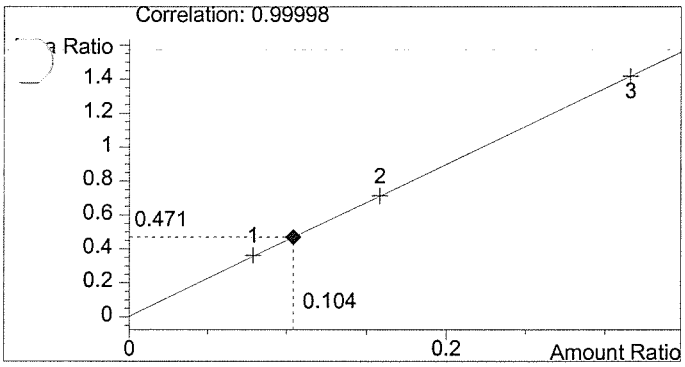
02037-2 sim
N. Nuwayhid, PhD

vial # 15

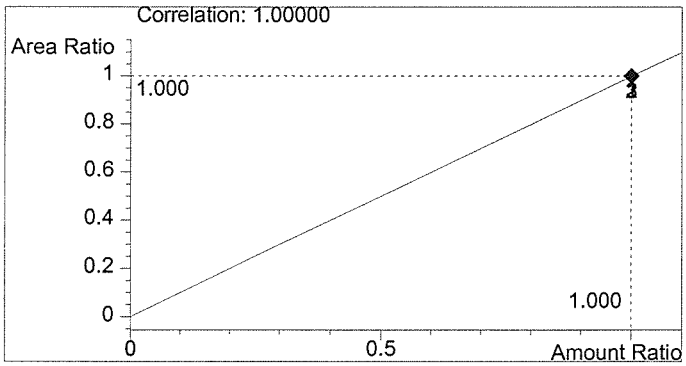


#	Compound	Area	RT
1	Ethanol	1844	1.046
2	n-Propanol	3916	1.705

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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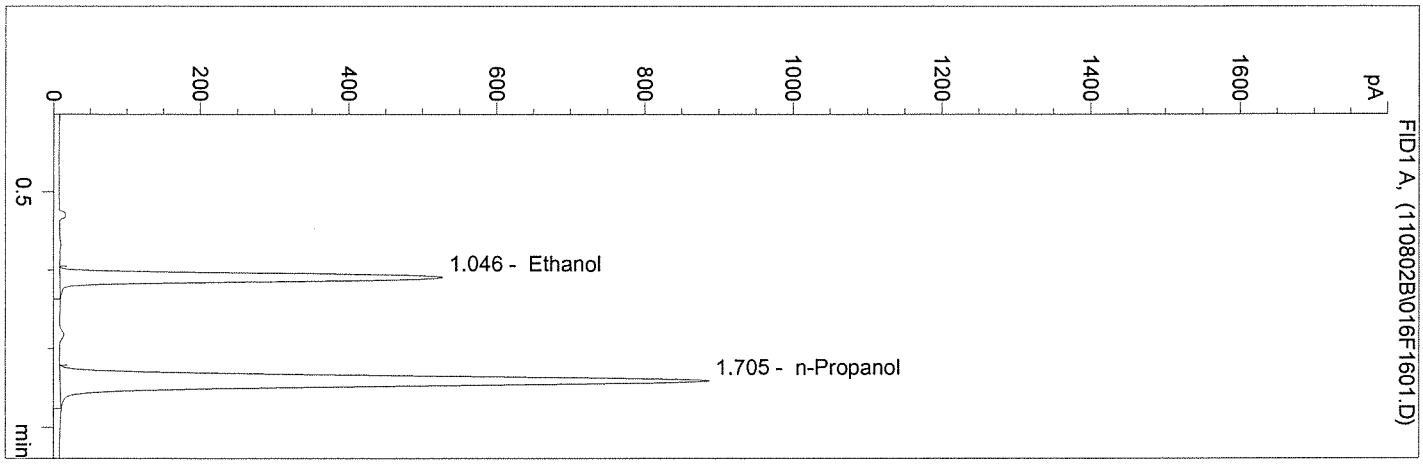
Instrument 1
DB-ALC1

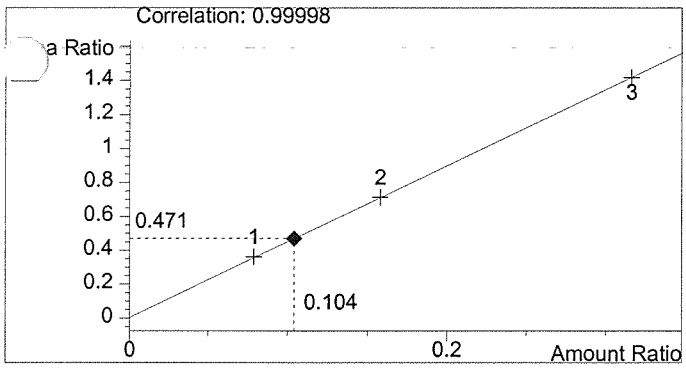
02037-3 sim
N. Nuwayhid, PhD

vial # 16

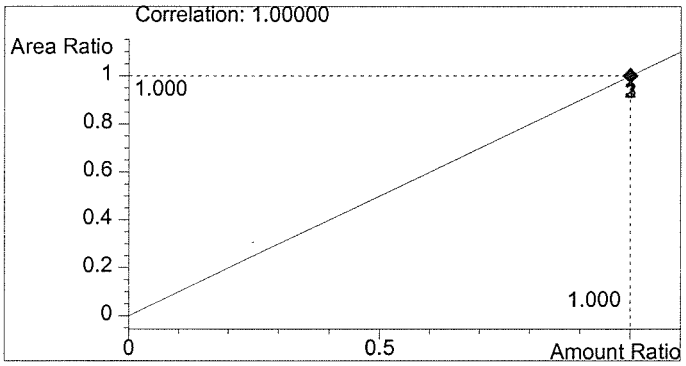


#	Compound	Area	RT
1	Ethanol	1839	1.046
2	n-Propanol	3904	1.705

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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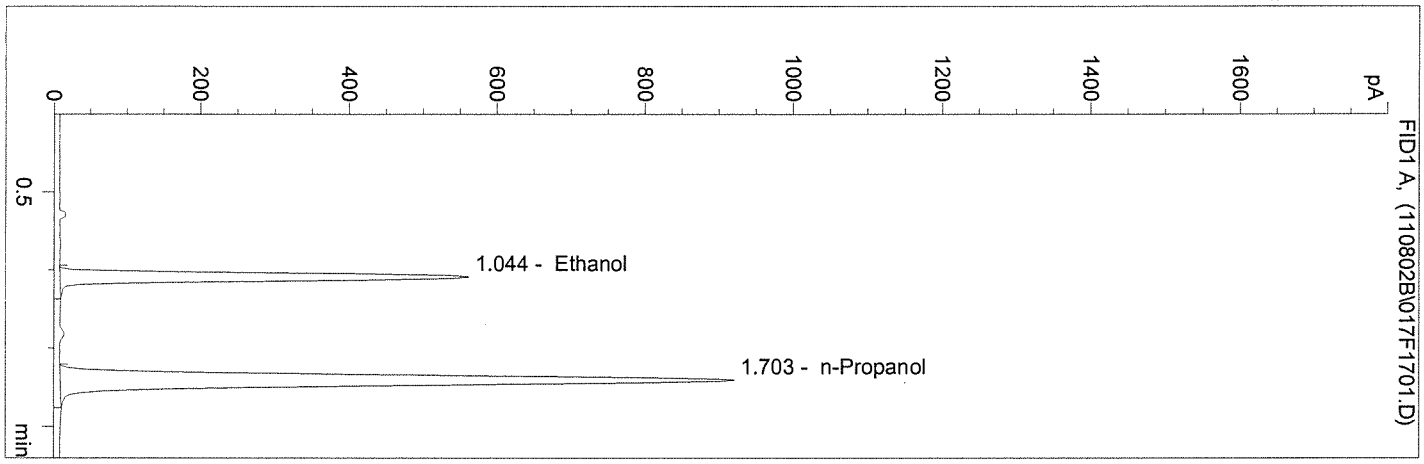
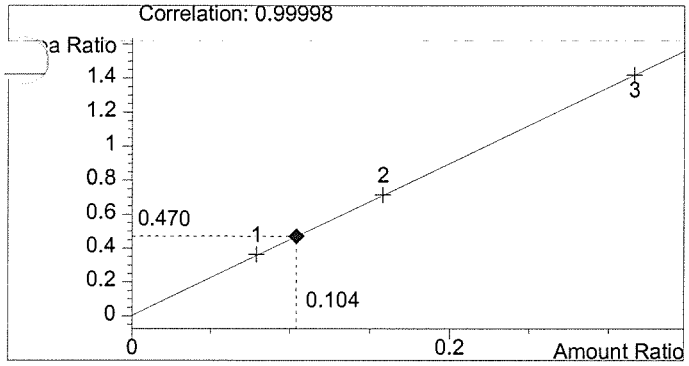
11/8/02 5:39:56 PM
Instrument 1
D2-ALC1

02037-4 sim
N. Nuwayhid, PhD

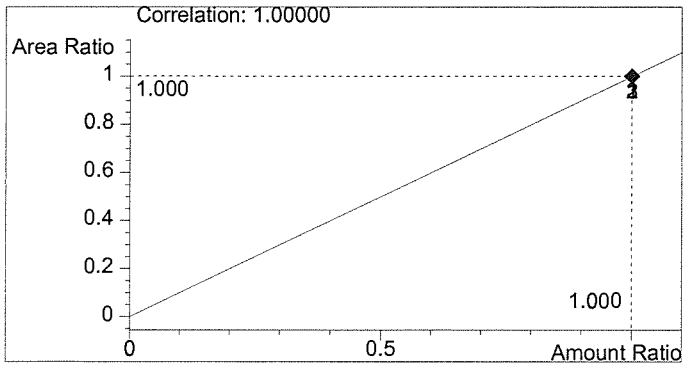
vial # 17



#	Compound	Area	RT
1	Ethanol	1873	1.044
2	n-Propanol	3984	1.703
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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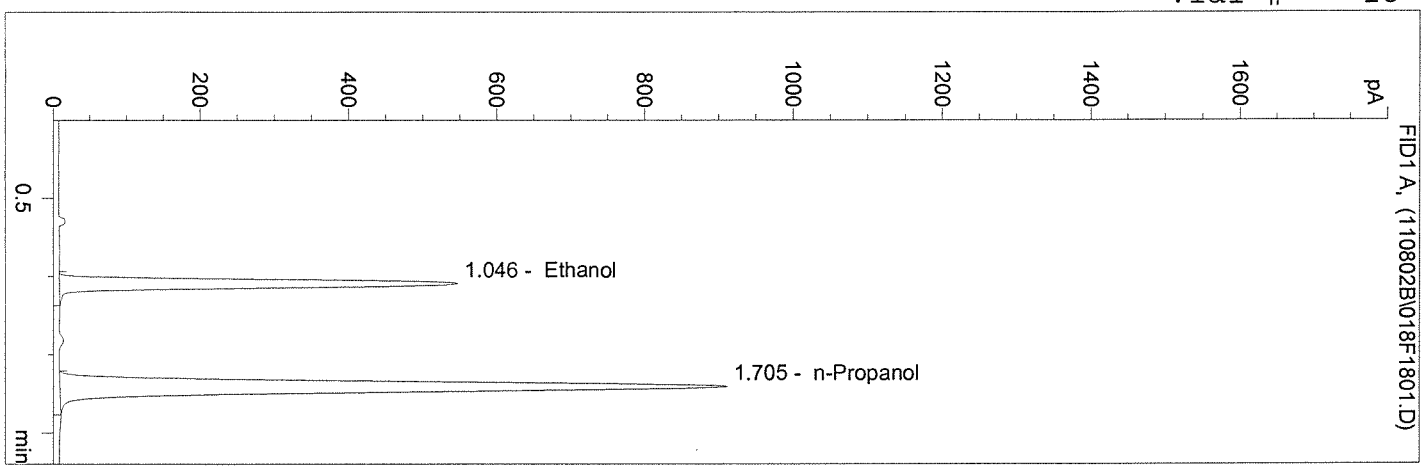
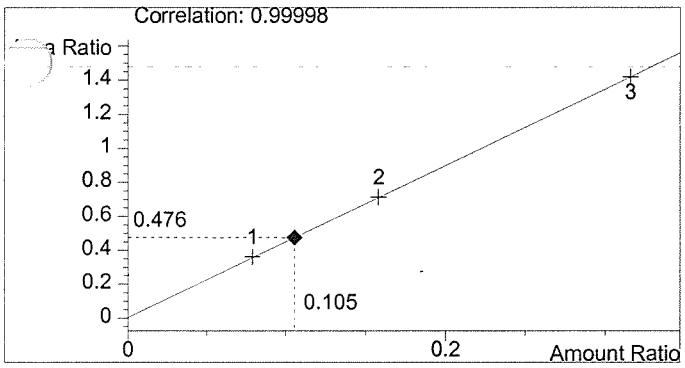
02037-5 sim
N. Nuwayhid, PhD

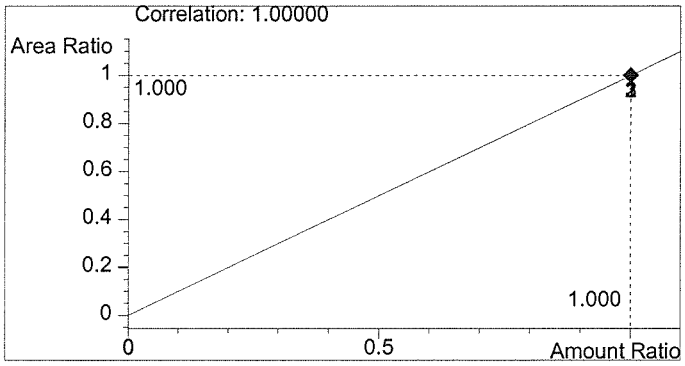
vial # 18



#	Compound	Area	RT
1	Ethanol	1909	1.046
2	n-Propanol	4010	1.705
Totals:			



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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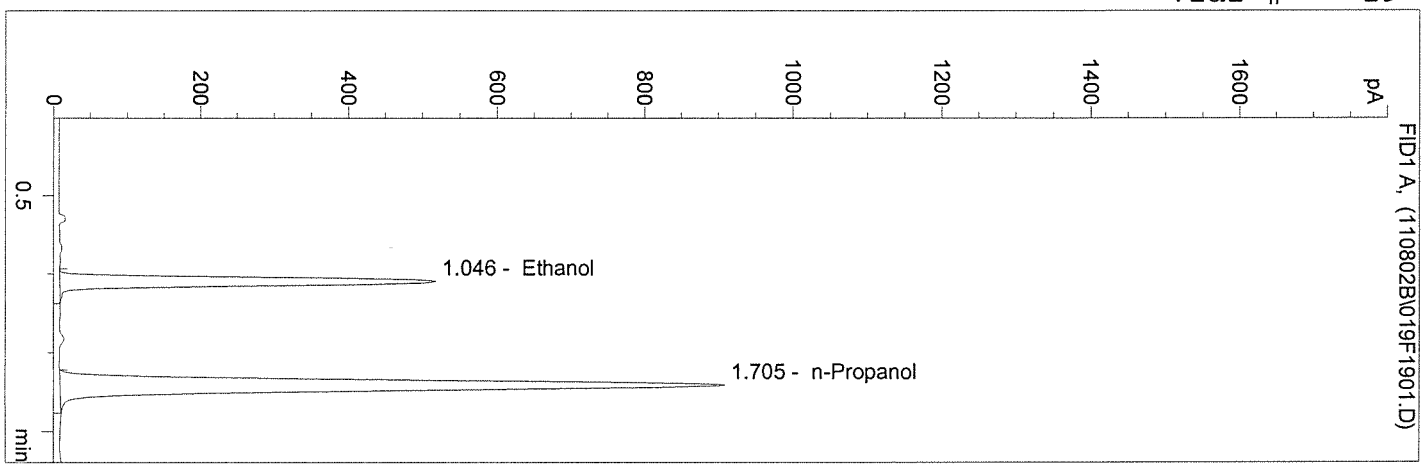
Instrument 1
DB-ALC1

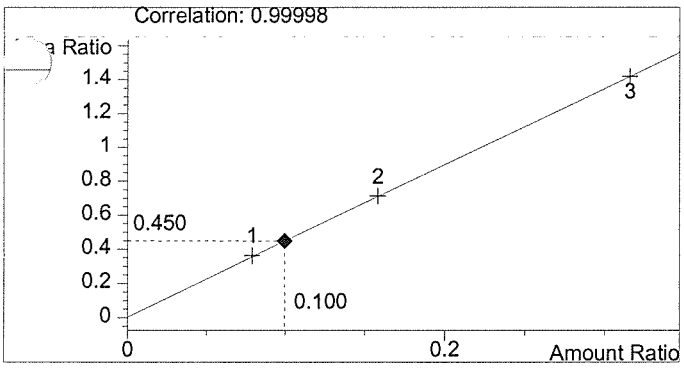
0.100 ctrl
N. Nuwayhid, PhD

vial # 19

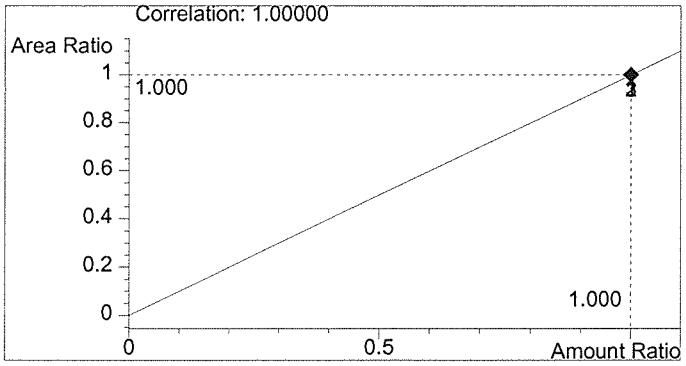


#	Compound	Area	RT
1	Ethanol	1801	1.046
2	n-Propanol	4003	1.705

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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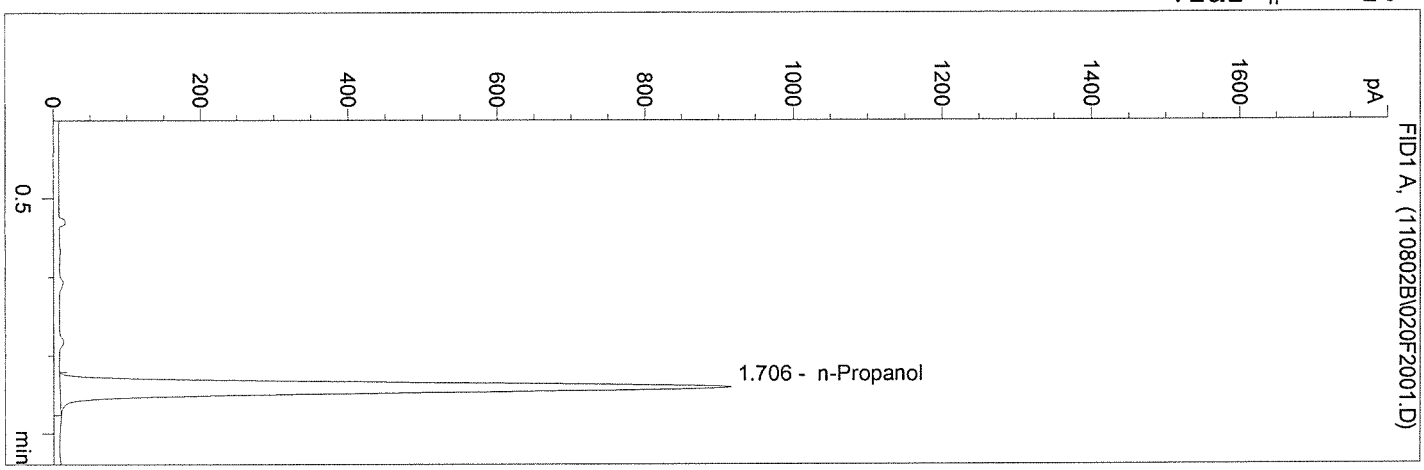
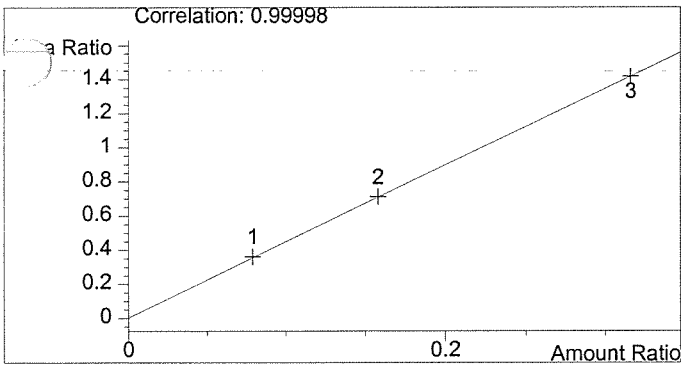
N. Nuwayhid, PhD

vial # 20

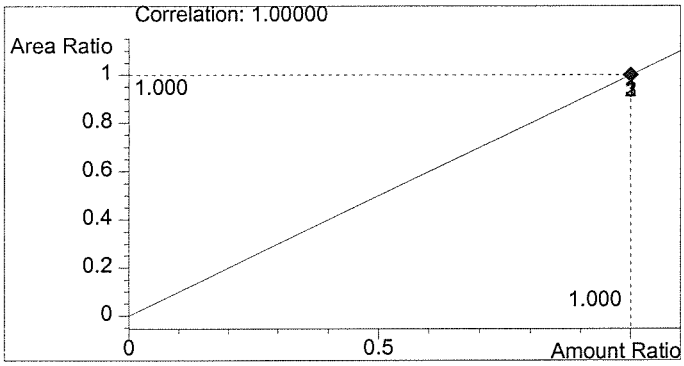


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4033	1.706

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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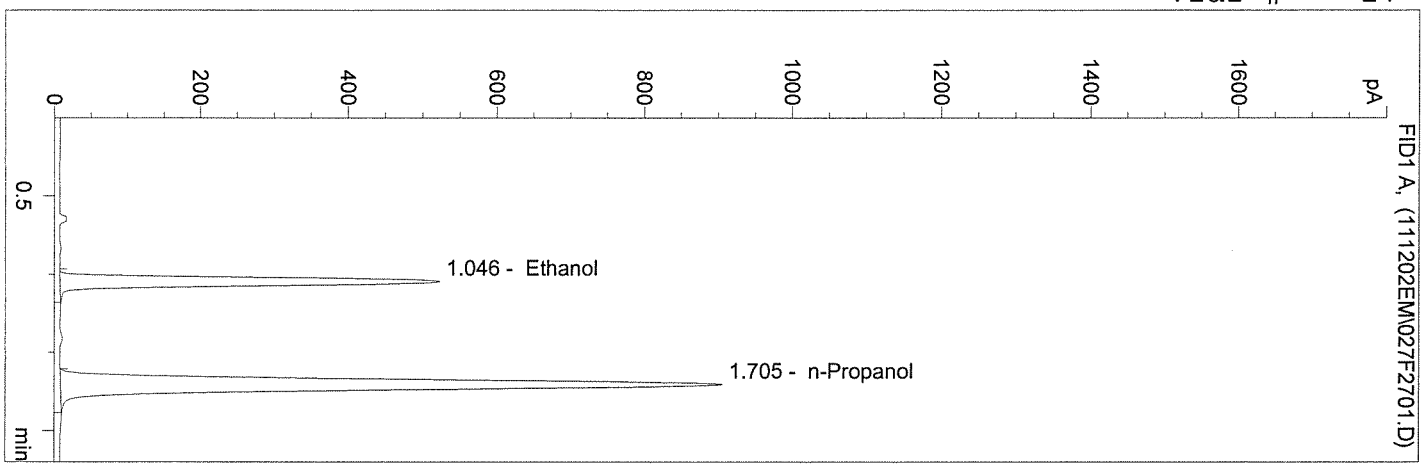
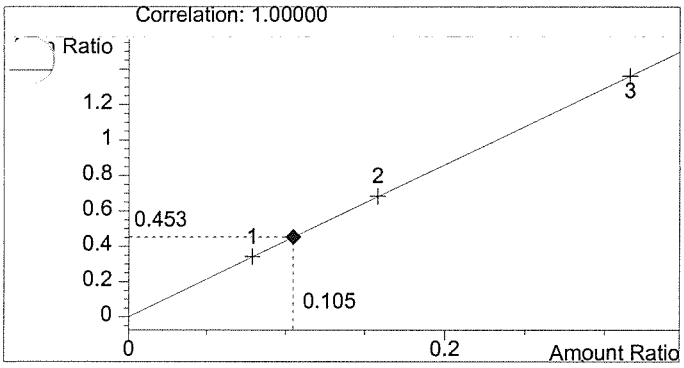
Sim. Sol. 02037
Estuardo J. Miranda

vial # 27

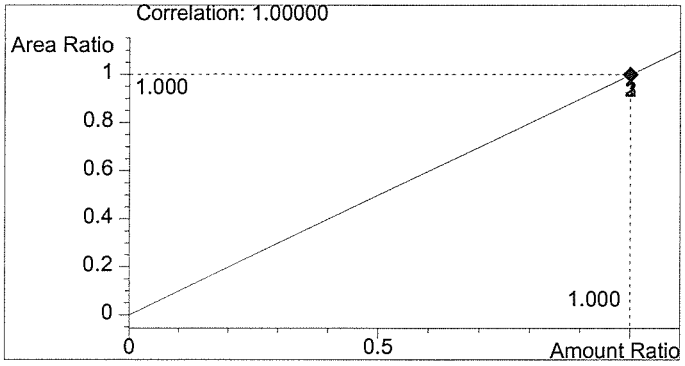


#	Compound	Area	RT
1	Ethanol	1803	1.046
2	n-Propanol	3982	1.705

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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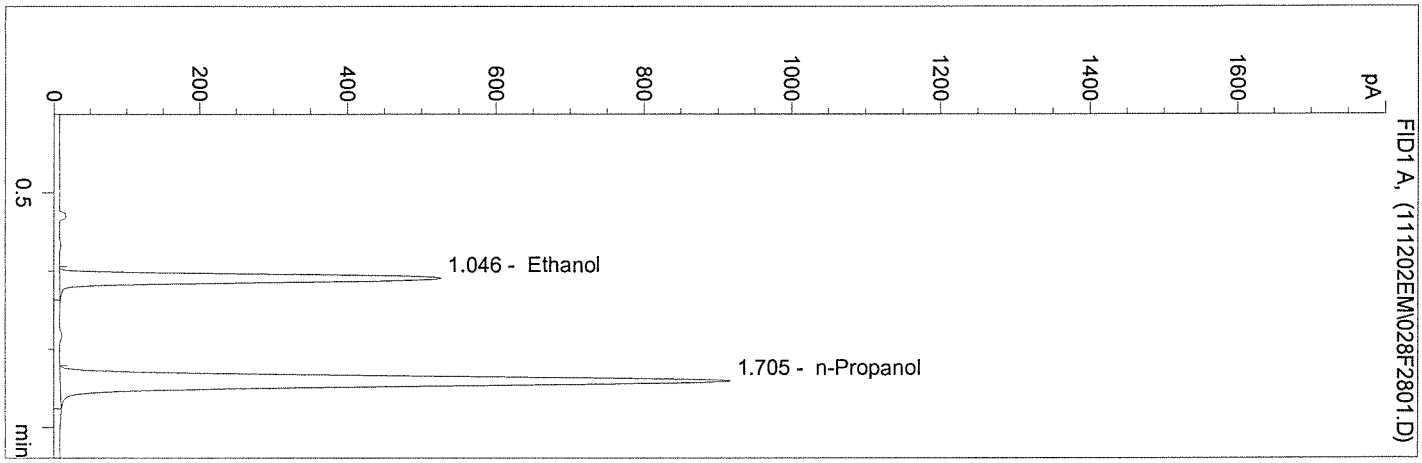
Instrument 1
DB-ALC1

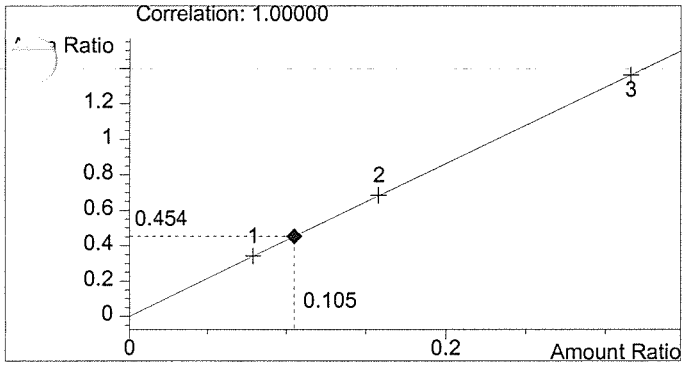
Sim. Sol. 02037
Estuardo J. Miranda

vial # 28

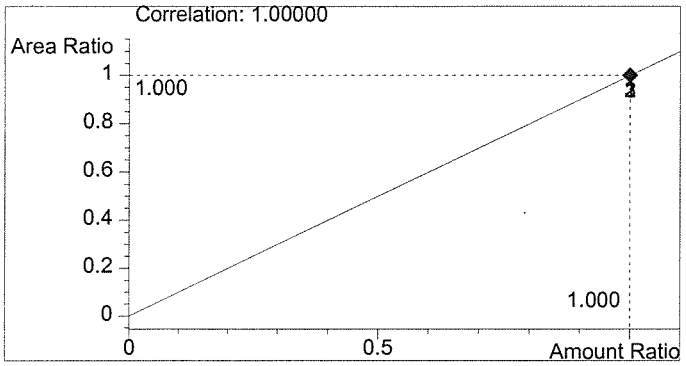


#	Compound	Area	RT
1	Ethanol	1833	1.046
2	n-Propanol	4040	1.705

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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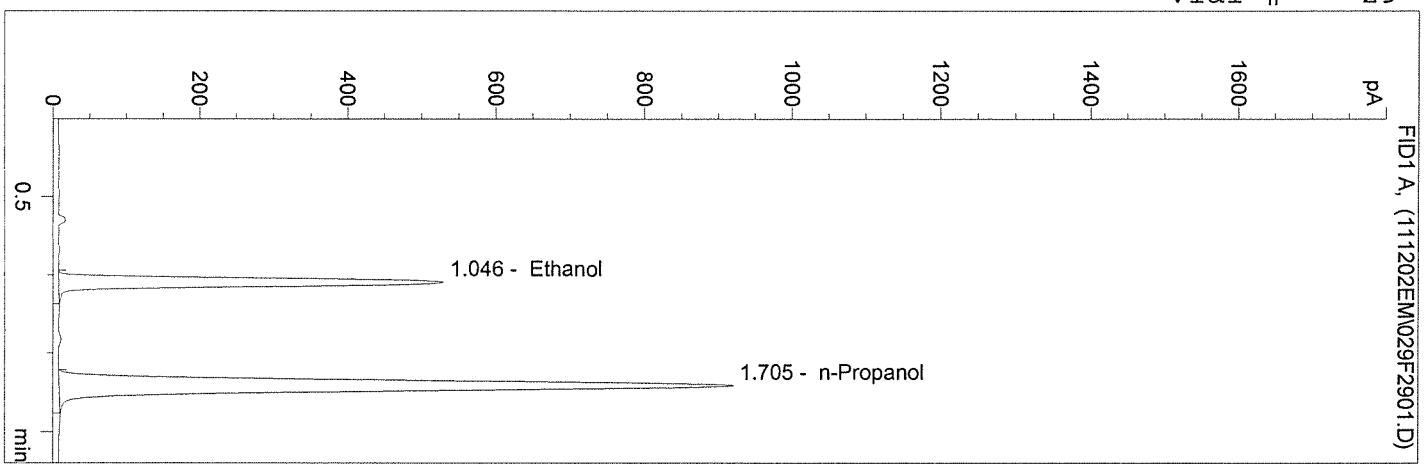
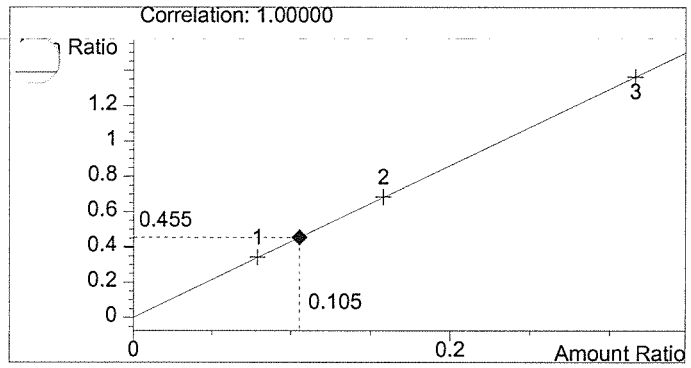
Estuardo J. Miranda

vial # 29

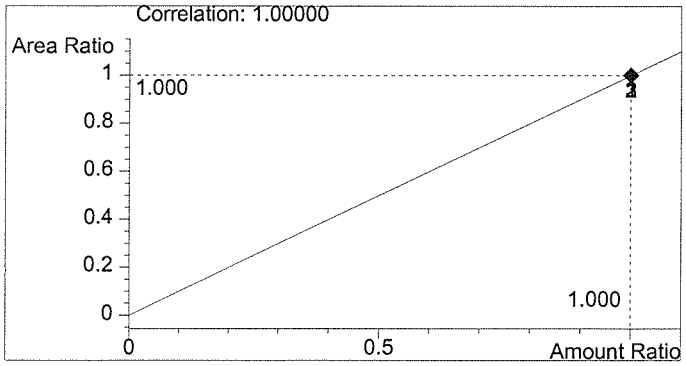


#	Compound	Area	RT
1	Ethanol	1849	1.046
2	n-Propanol	4063	1.705

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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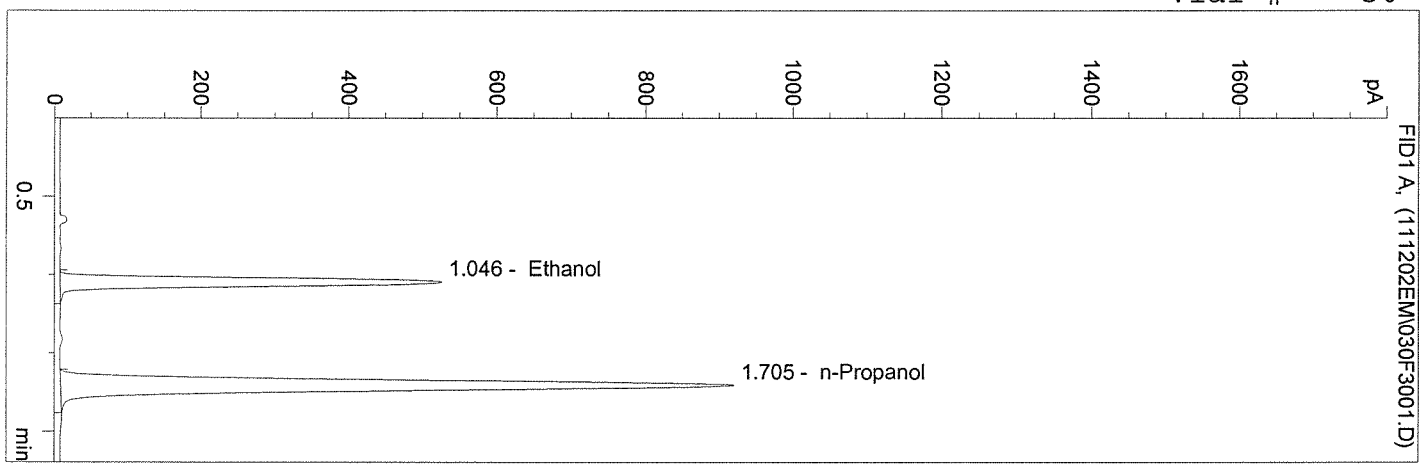
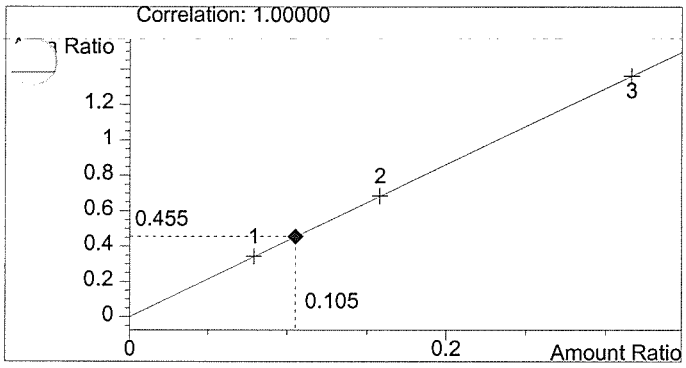
Estuardo J. Miranda

vial # 30

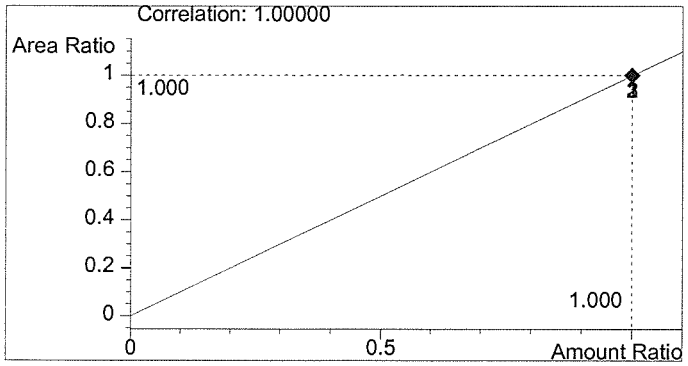


#	Compound	Area	RT
1	Ethanol	1857	1.046
2	n-Propanol	4080	1.705

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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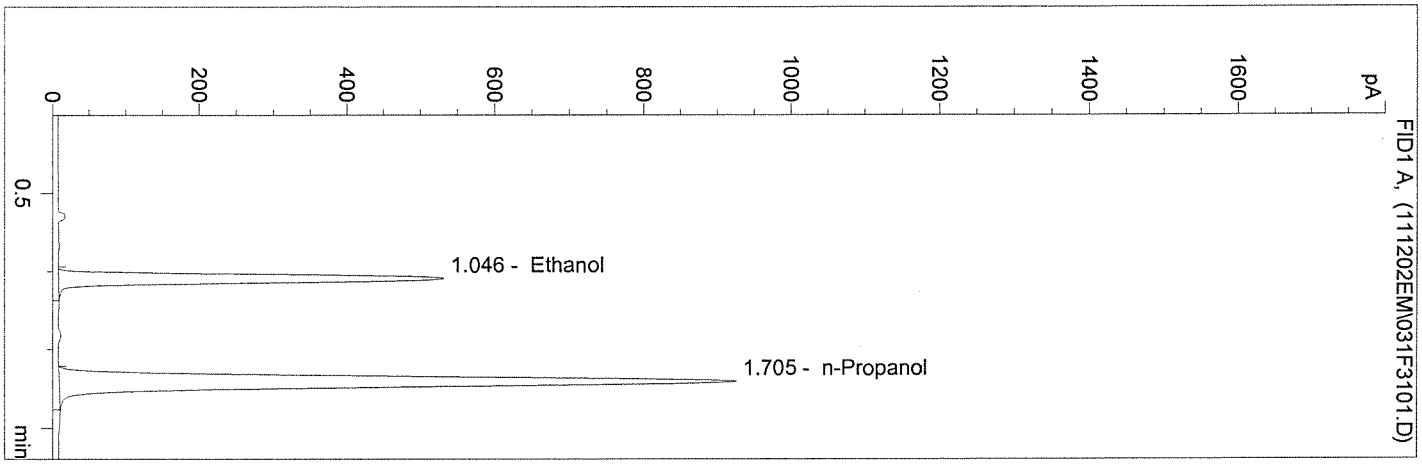
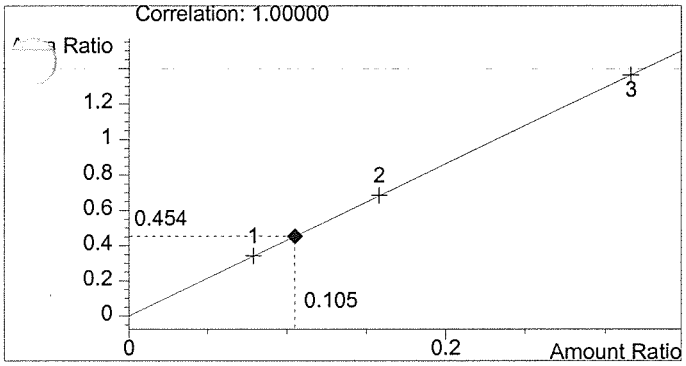
Sim. Sol. 02037
Estuardo J. Miranda

vial # 31

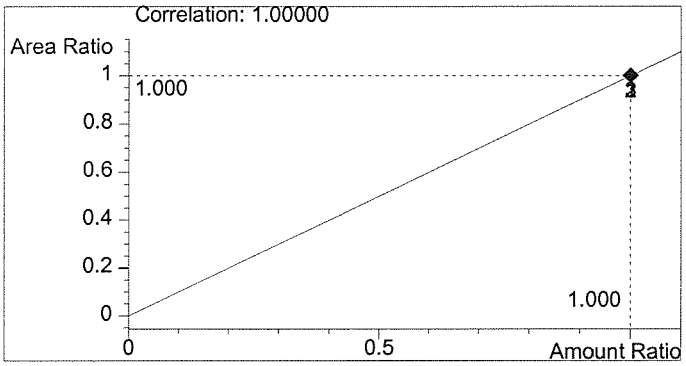


#	Compound	Area	RT
1	Ethanol	1849	1.046
2	n-Propanol	4078	1.705

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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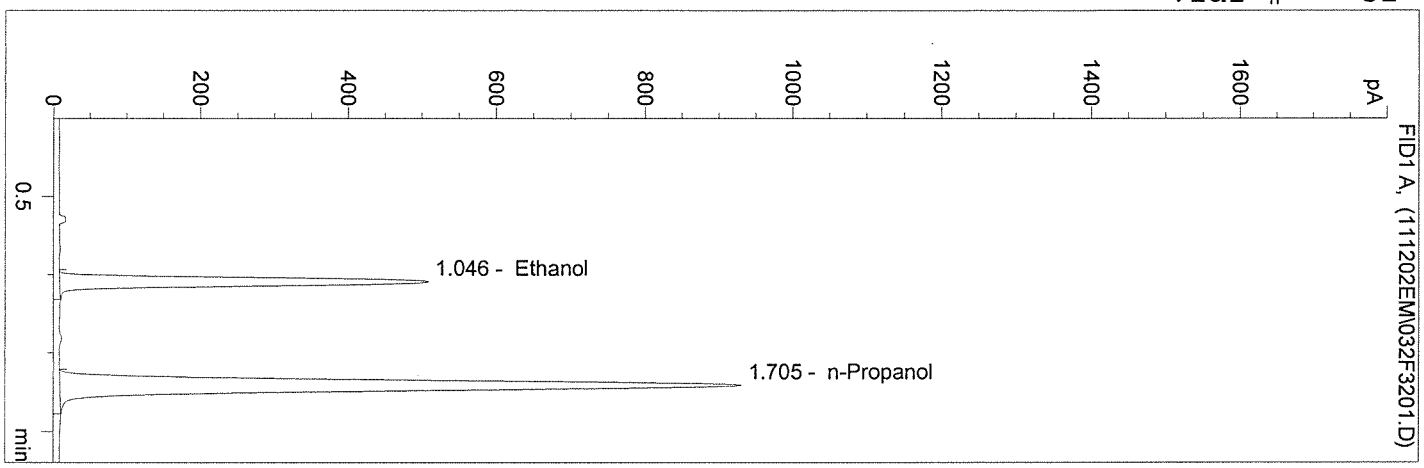
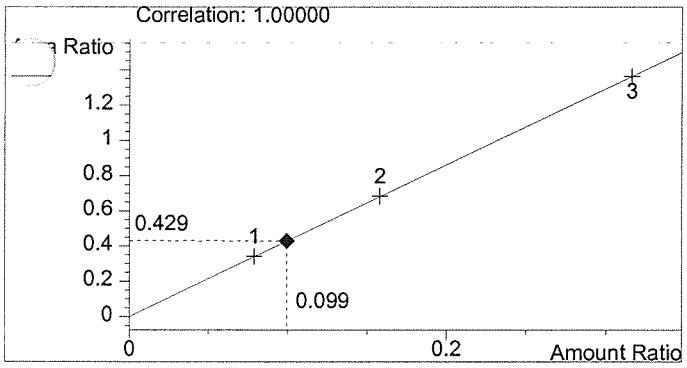
Instrument 1
DB-ALC1

0.100 Control
Estuardo J. Miranda

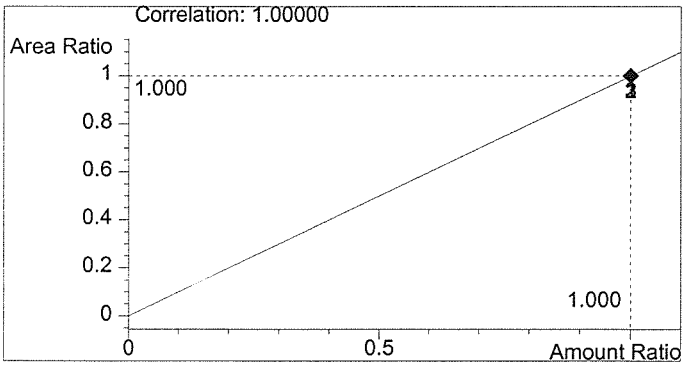
vial # 32



#	Compound	Area	RT
1	Ethanol	1755	1.046
2	n-Propanol	4088	1.705
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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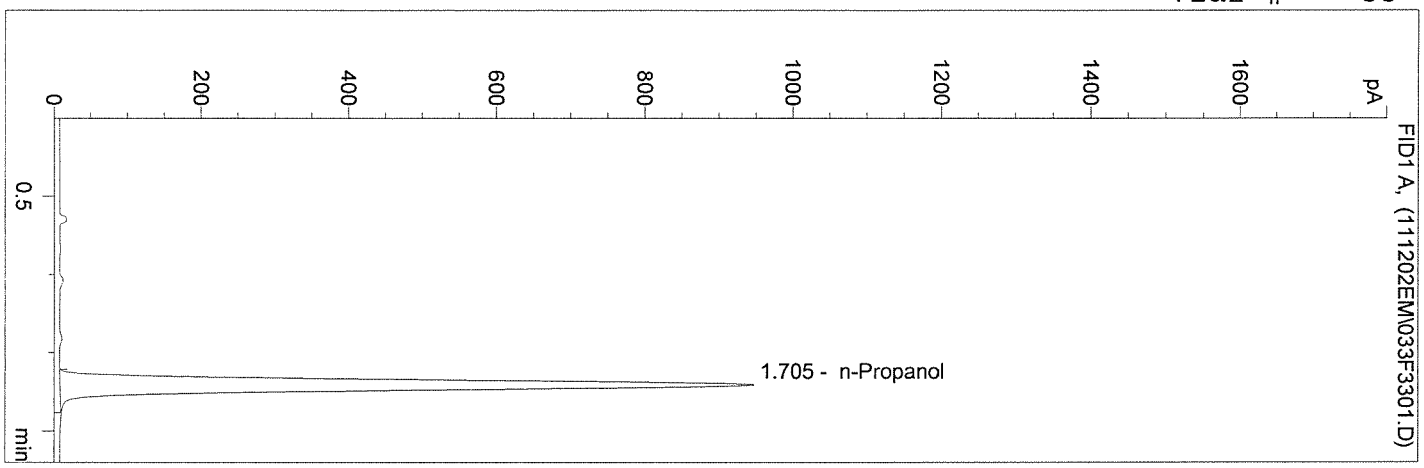
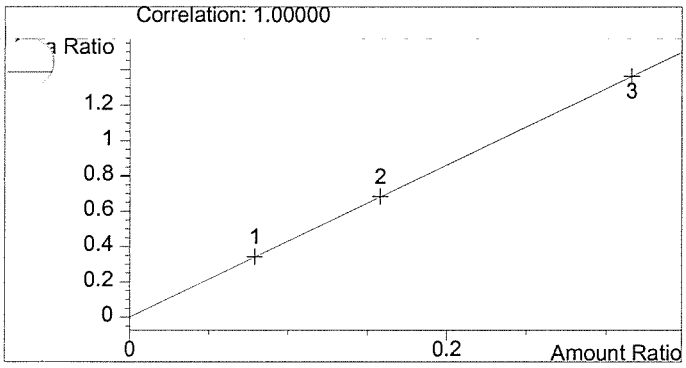
Estuardo J. Miranda

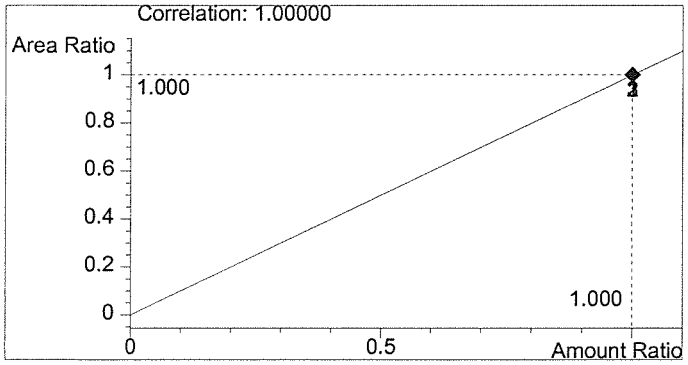
vial # 33



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4169	1.705
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 3
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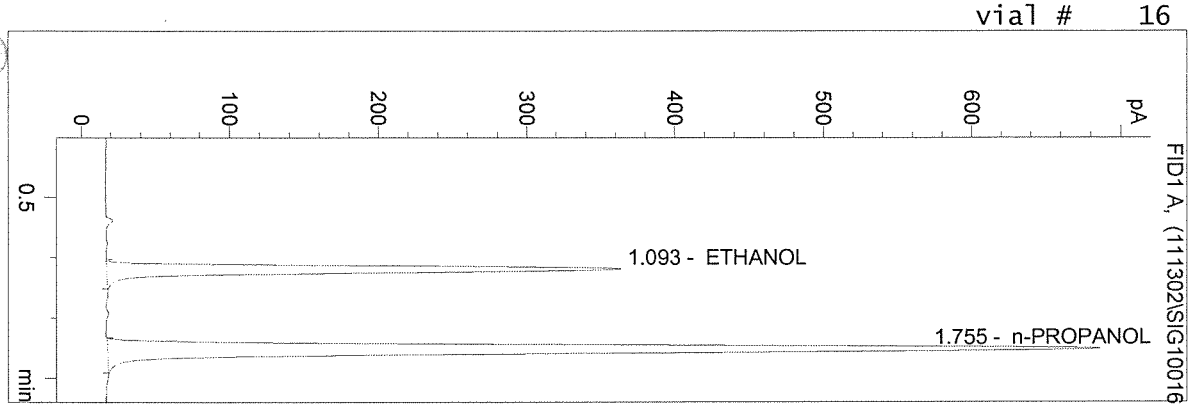
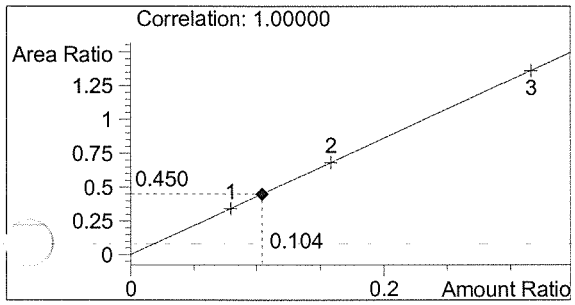
02037-1 SIM
Ann Marie Gordon

vial # 16

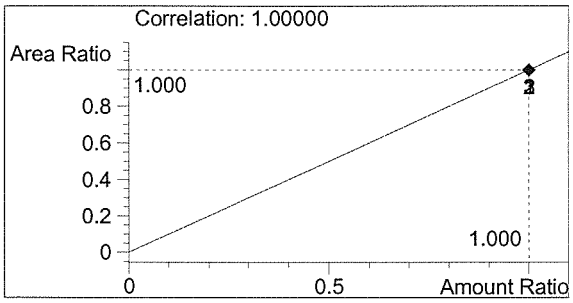


#	Compound	Area	RT
1	ETHANOL	1363	1.093
2	n-PROPANOL	3028	1.755

Totals:



ETHANOL 0.104 g/100mL



n-PROPANOL 1.000 g/100mL

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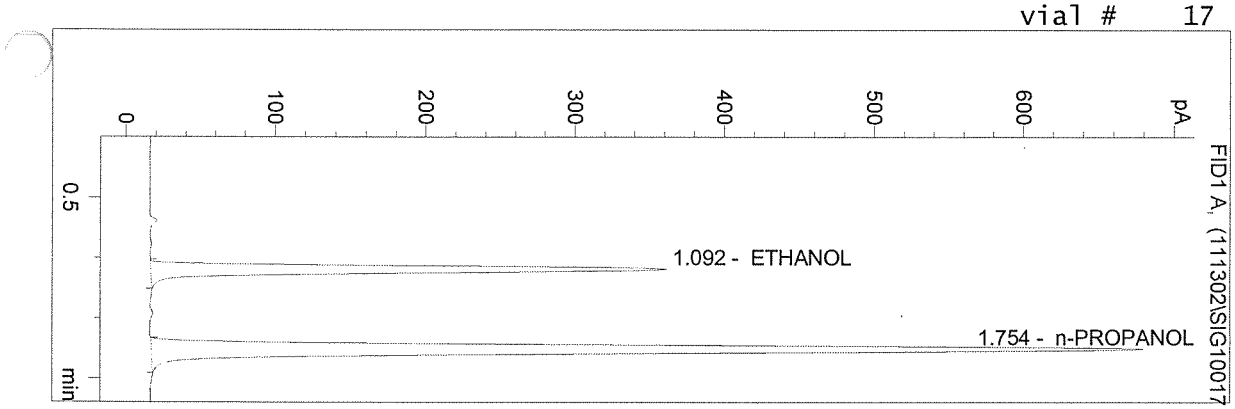
Instrument 3
DB-ALC1

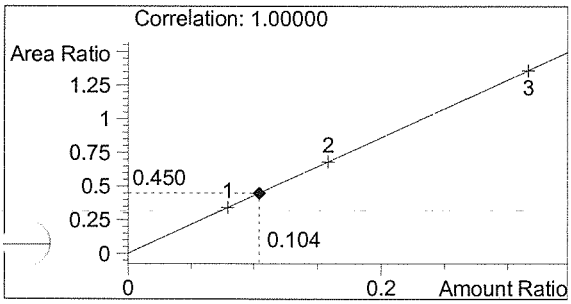
02037-2 SIM
Ann Marie Gordon

vial # 17

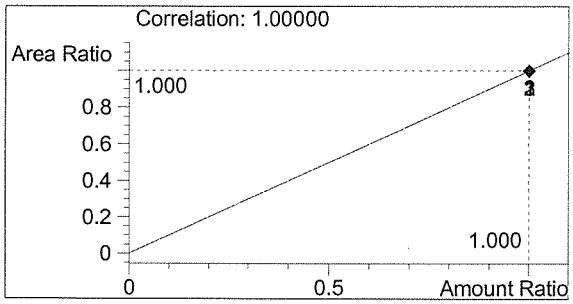


#	Compound	Area	RT
1	ETHANOL	1364	1.092
2	n-PROPANOL	3027	1.754

Totals:



ETHANOL 0.104 g/100mL



n-PROPANOL 1.000 g/100mL

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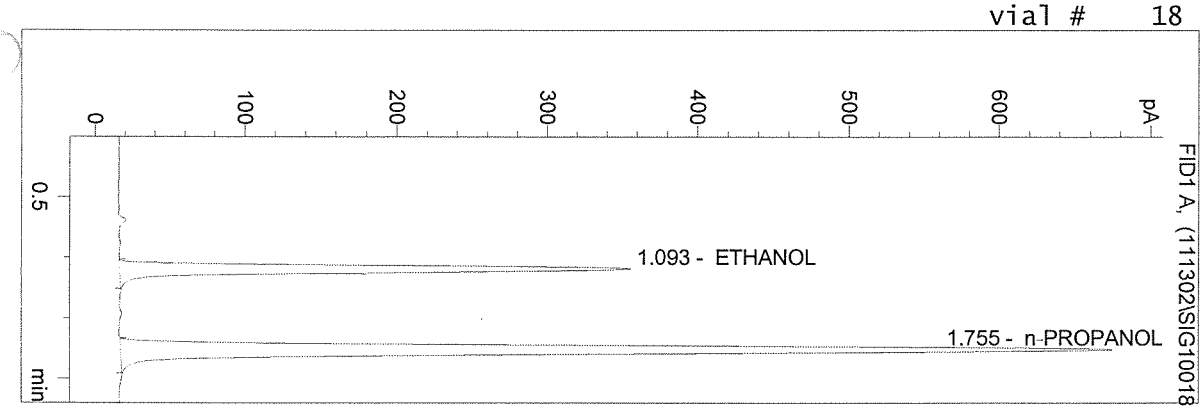
Instrument 3
DB-ALC1

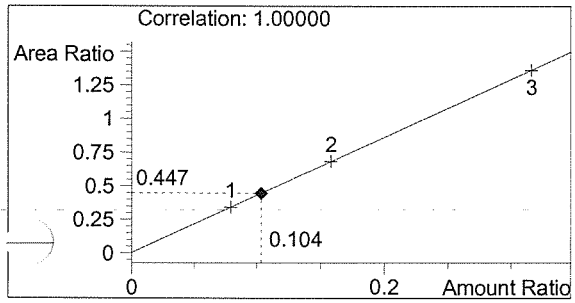
02037-3 SIM
Ann Marie Gordon

vial # 18

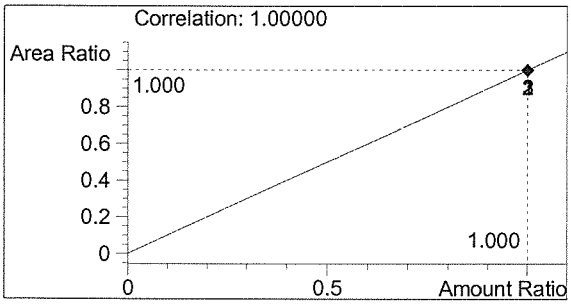


#	Compound	Area	RT
1	ETHANOL	1341	1.093
2	n-PROPANOL	2998	1.755

Totals:



ETHANOL 0.104 g/100mL



n-PROPANOL 1.000 g/100mL

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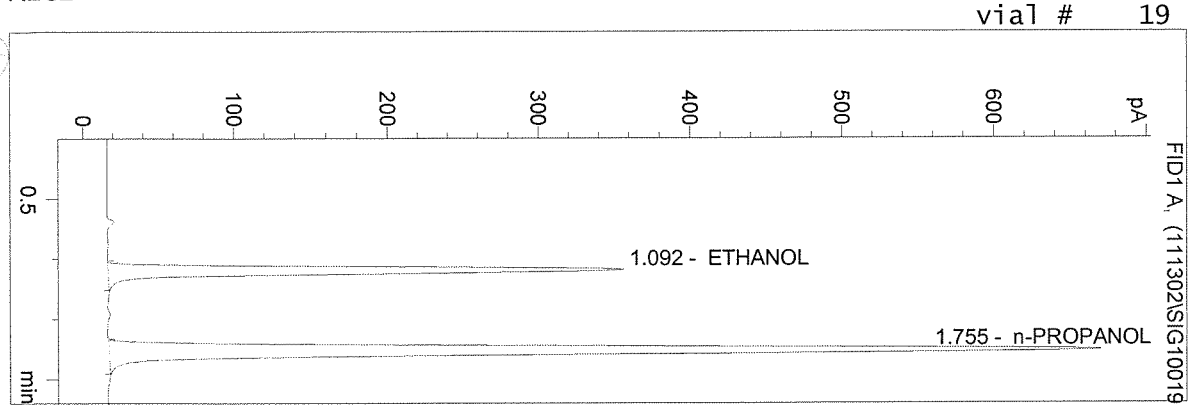
Instrument 3
DB-ALC1

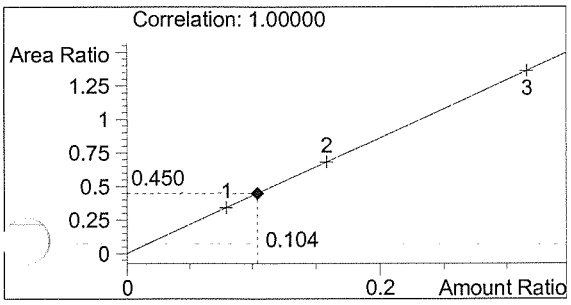
02037-4 SIM
Ann Marie Gordon

vial # 19

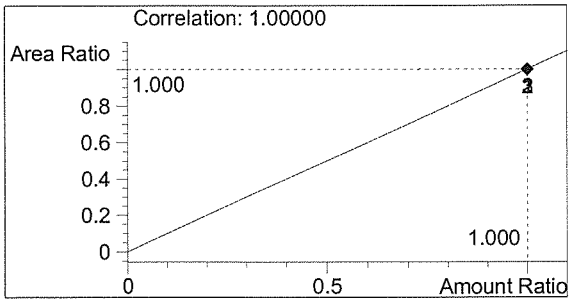


#	Compound	Area	RT
1	ETHANOL	1330	1.092
2	n-PROPANOL	2958	1.755

Totals:



ETHANOL 0.104 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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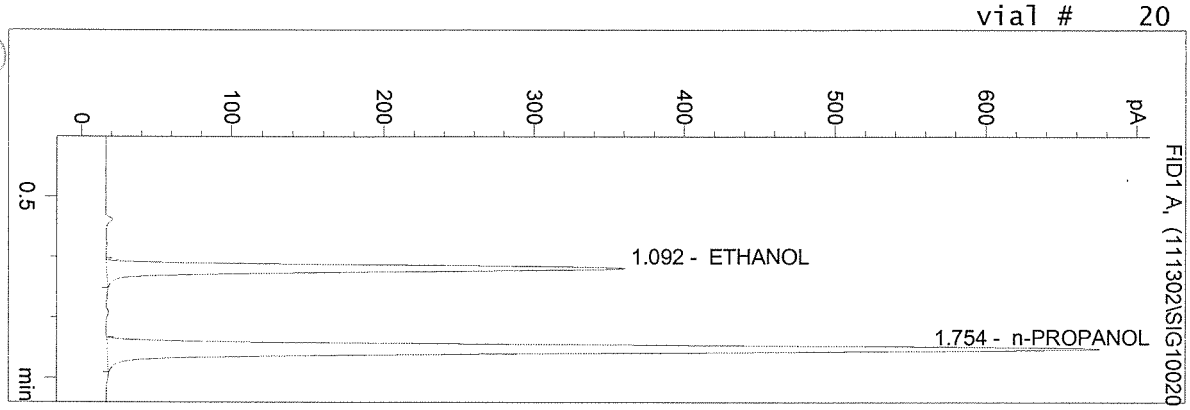
Instrument 3
DB-ALC1

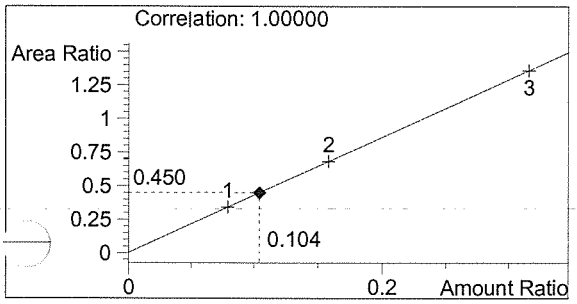
02037-5 SIM
Ann Marie Gordon

vial # 20

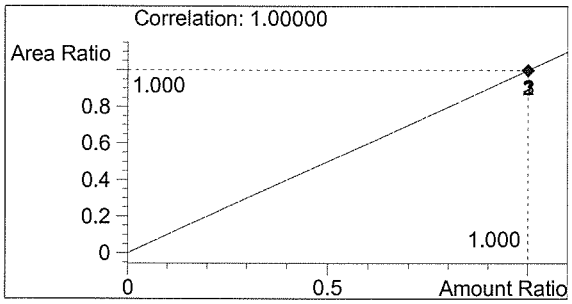


#	Compound	Area	RT
1	ETHANOL	1350	1.092
2	n-PROPANOL	2997	1.754

Totals:



ETHANOL 0.104 g/100mL



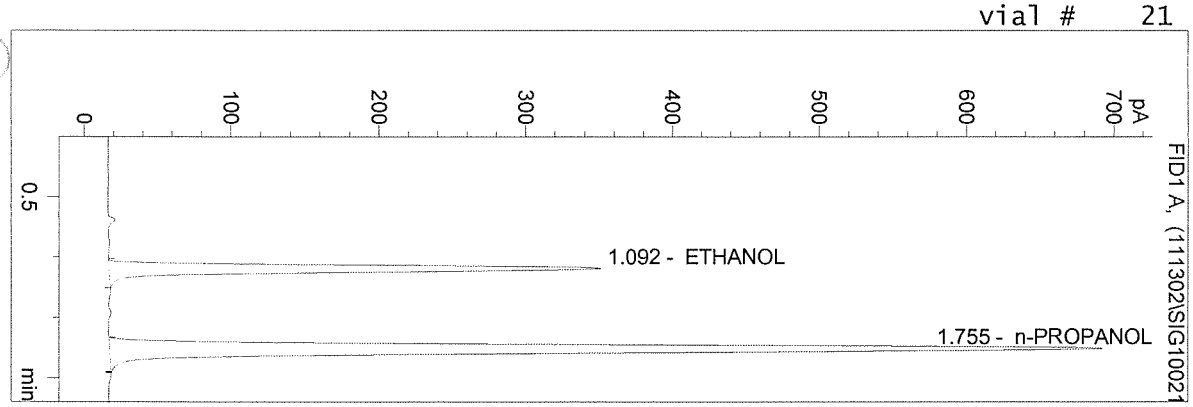
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/13/02 9:32:32 AM
Instrument 3
DB-ALC1

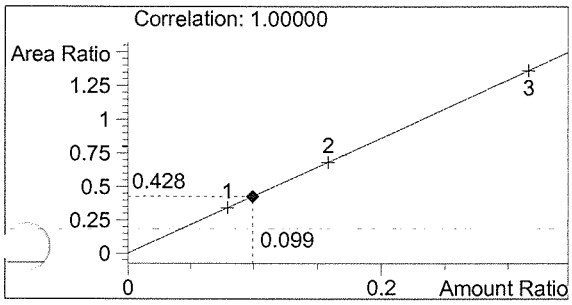
0.10 Control
Ann Marie Gordon

vial # 21

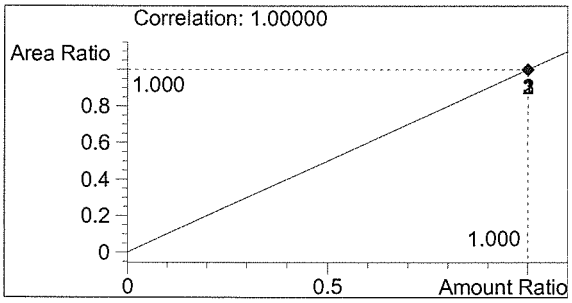


#	Compound	Area	RT
1	ETHANOL	1310	1.092
2	n-PROPANOL	3059	1.755

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

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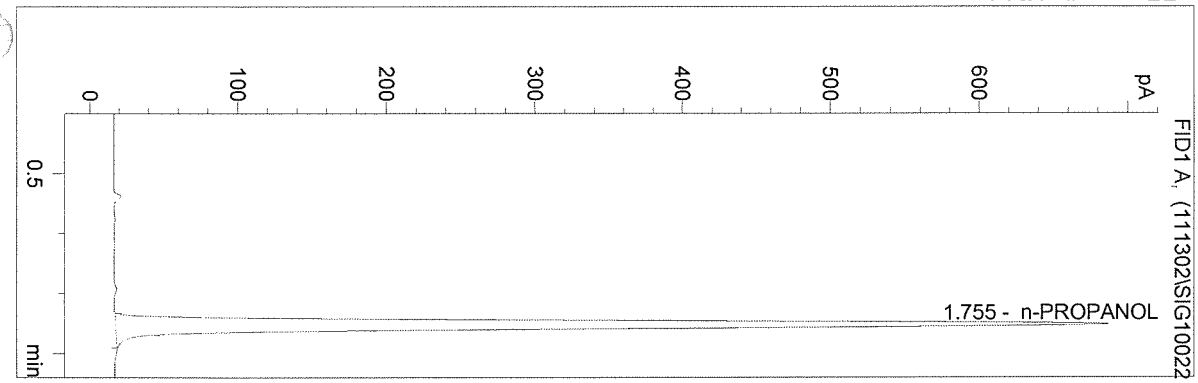
11/13/02 9:35:55 AM
Instrument 3
DB-ALC1

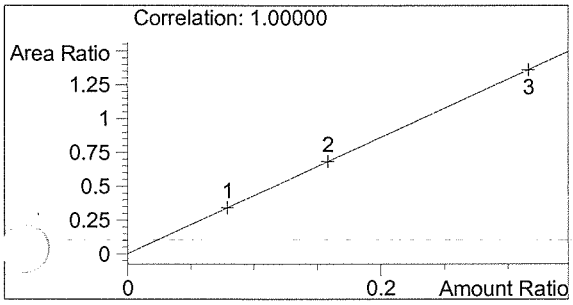
BLANK
Ann Marie Gordon

vial # 22

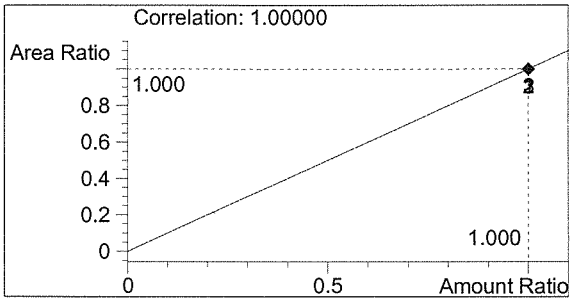


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3035	1.755

Totals:



ETHANOL 0.000 g/100mL



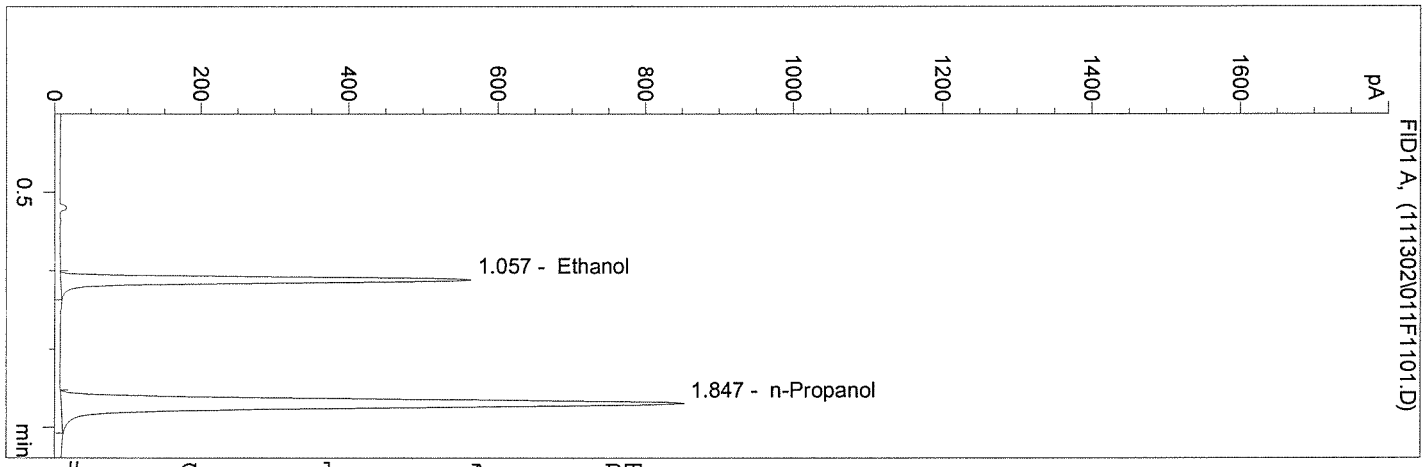
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY Cal in 026762

C:\HPCHEM\2\METHODS\BLDALCO2.M
11/13/02 10:27:25 AM
Instrument 2
DB-ALC1

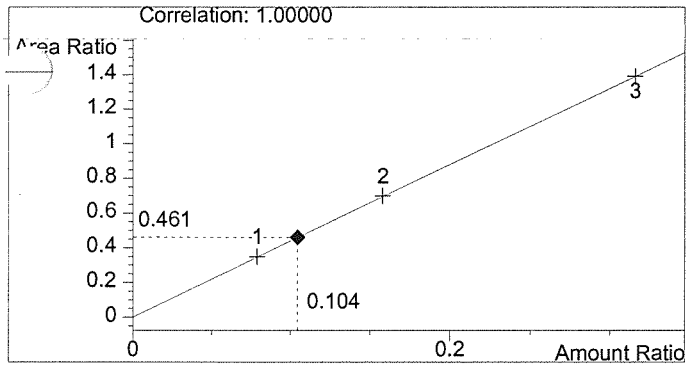
02037 SIM SOL
RUTH LUTHI

vial # 11

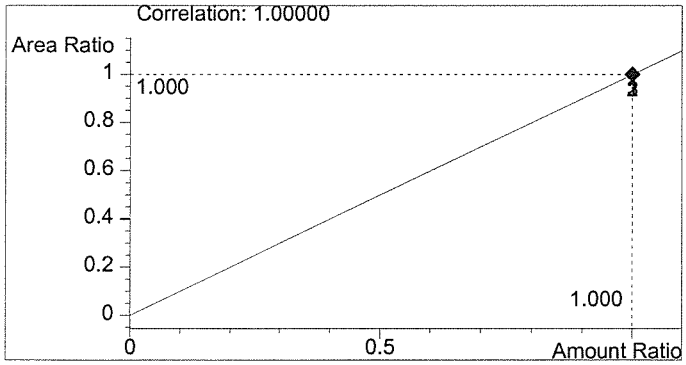


#	Compound	Area	RT
1	Ethanol	1507	1.057
2	n-Propanol	3270	1.847

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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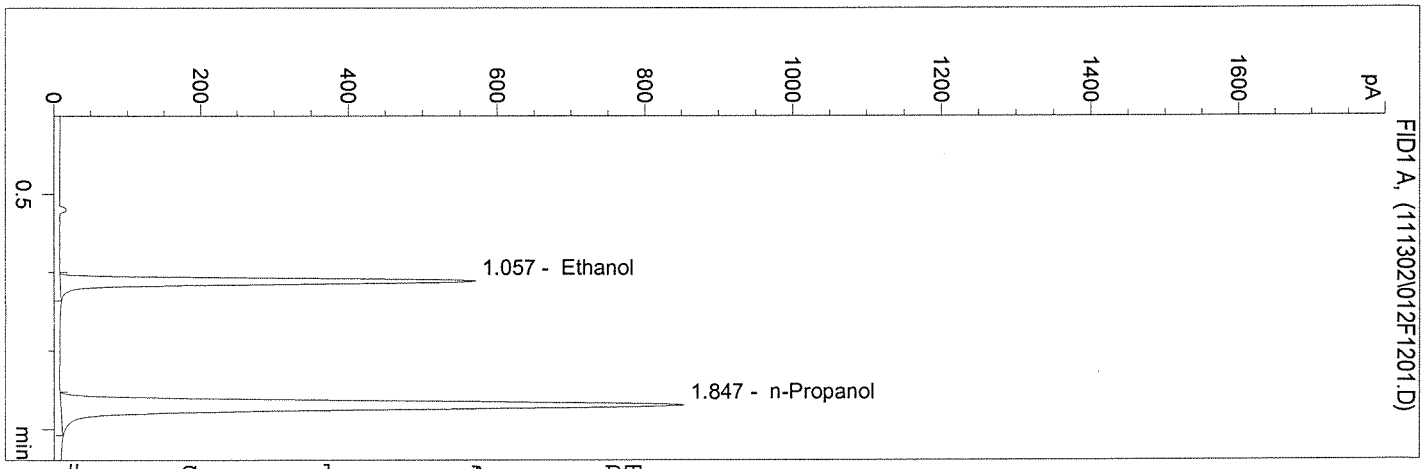
11/13/02 10:30:04 AM
Instrument 2
DB-ALC1

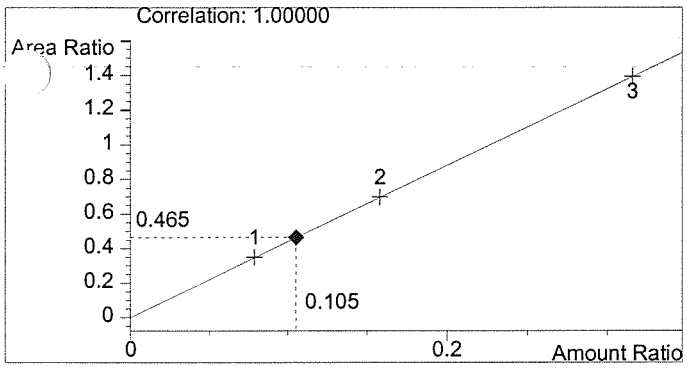
02037 SIM SOL
RUTH LUTHI

vial # 12

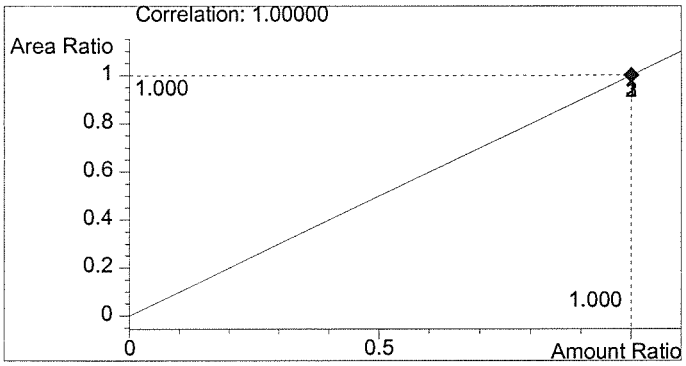


#	Compound	Area	RT
1	Ethanol	1522	1.057
2	n-Propanol	3274	1.847

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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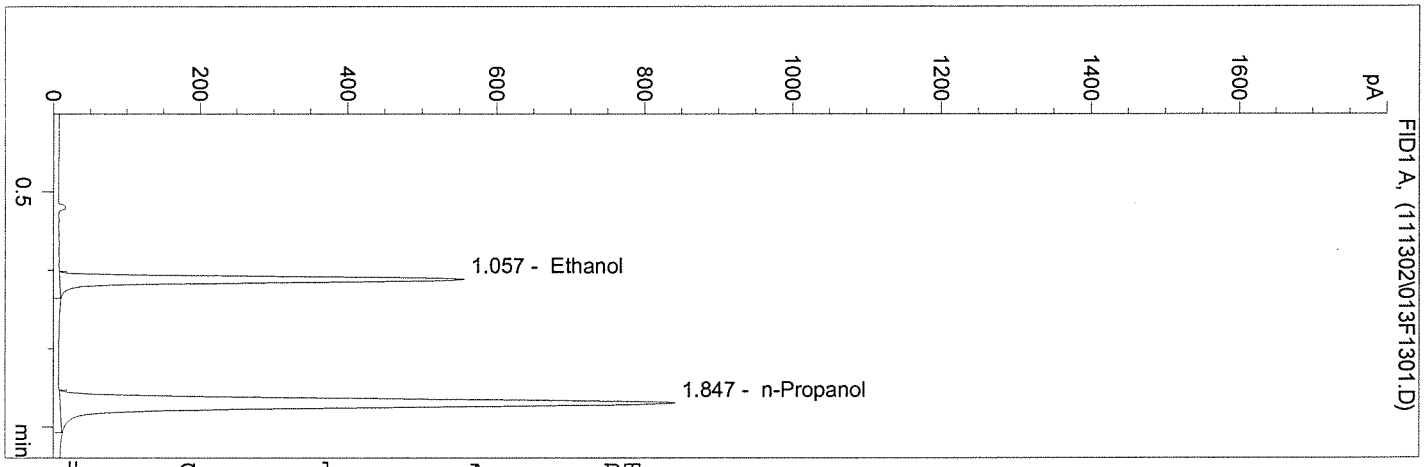
11/13/02 10:33:31 AM
Instrument 2
DB-ALC1

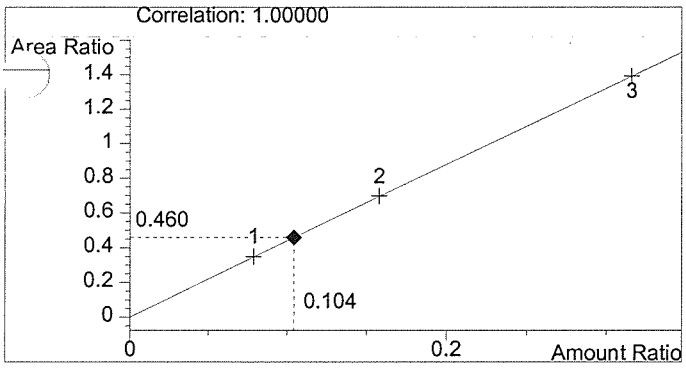
02037 SIM SOL
RUTH LUTHI

vial # 13

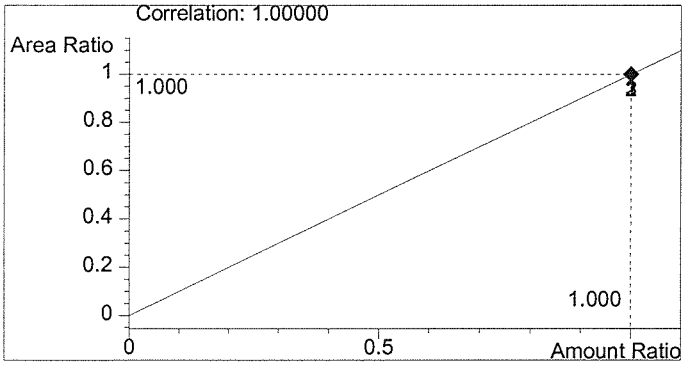


#	Compound	Area	RT
1	Ethanol	1486	1.057
2	n-Propanol	3231	1.847

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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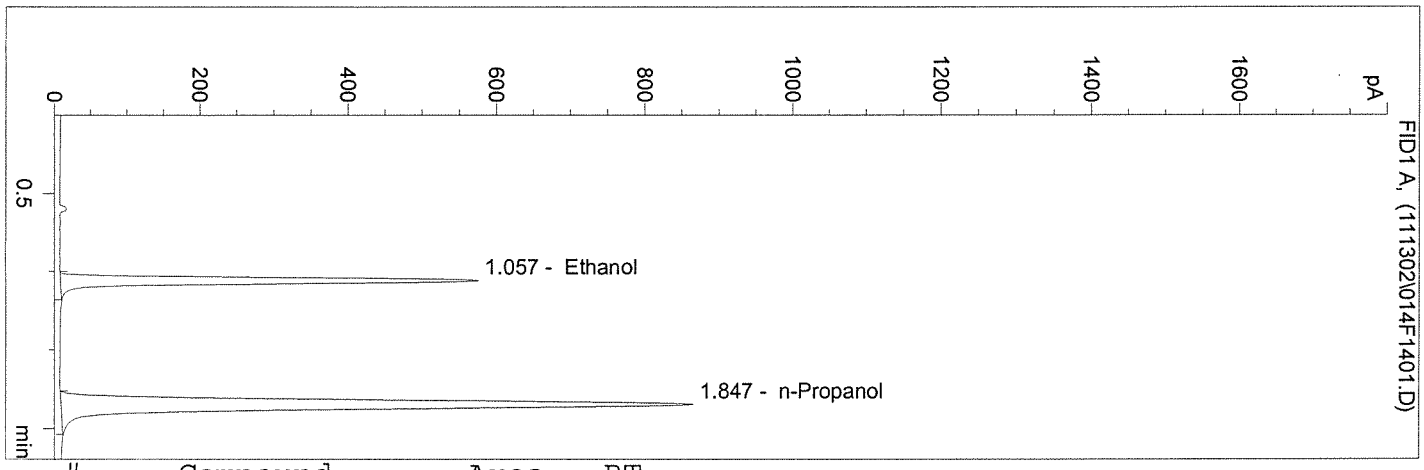
11/13/02 10:36:13 AM
Instrument 2
DB-ALC1

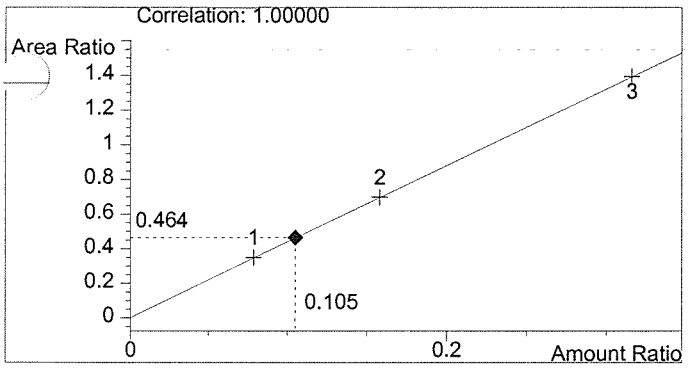
02037 SIM SOL
RUTH LUTHI

vial # 14

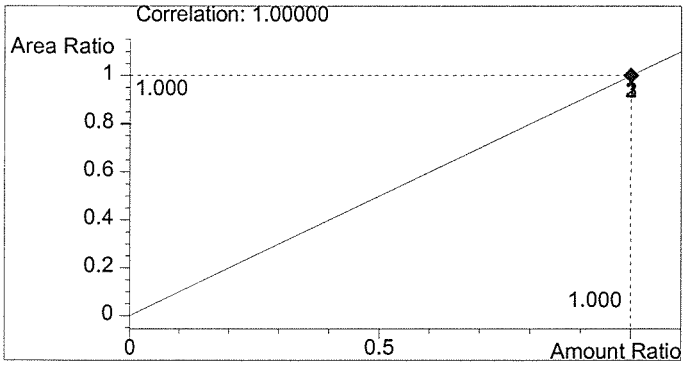


#	Compound	Area	RT
1	Ethanol	1540	1.057
2	n-Propanol	3318	1.847

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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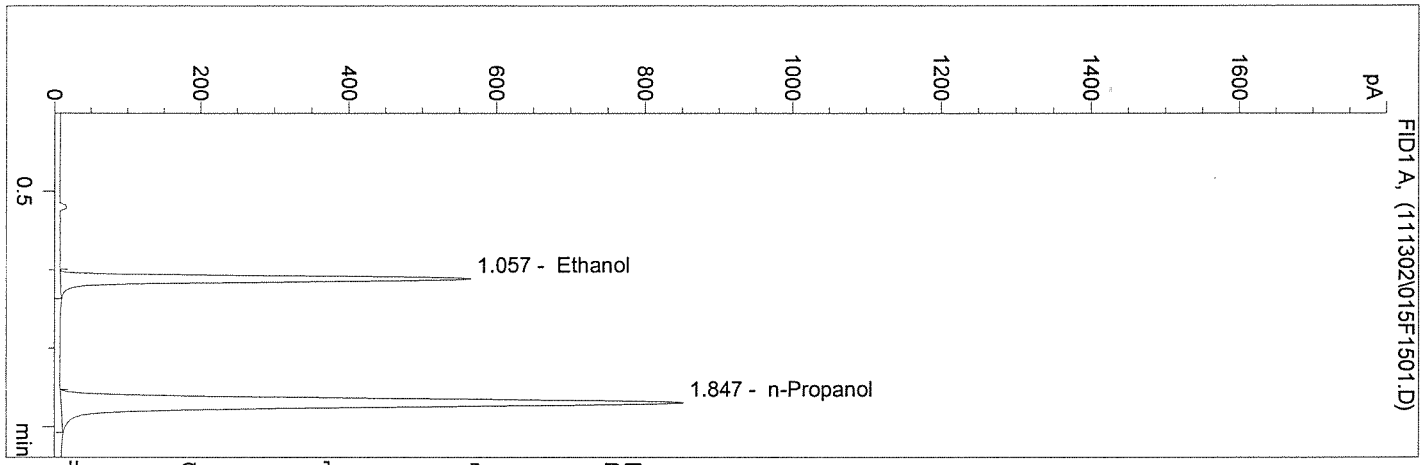
11/13/02 10:39:05 AM
Instrument 2
DB-ALC1

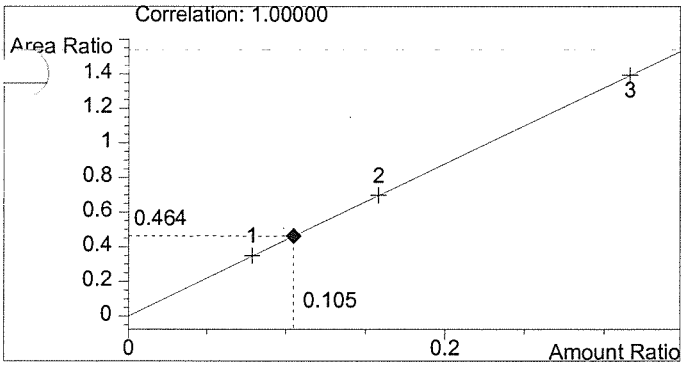
02037 SIM SOL
RUTH LUTHI

vial # 15

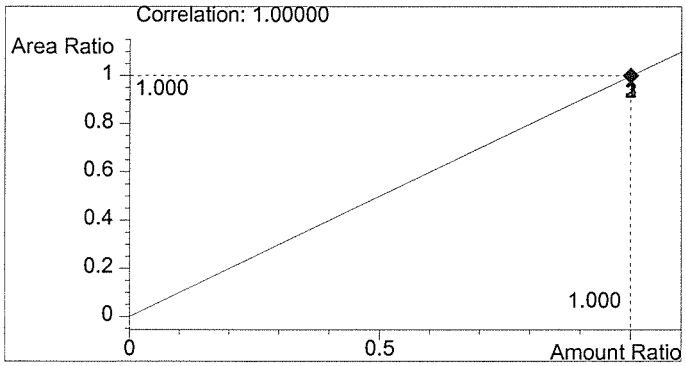


#	Compound	Area	RT
1	Ethanol	1511	1.057
2	n-Propanol	3258	1.847

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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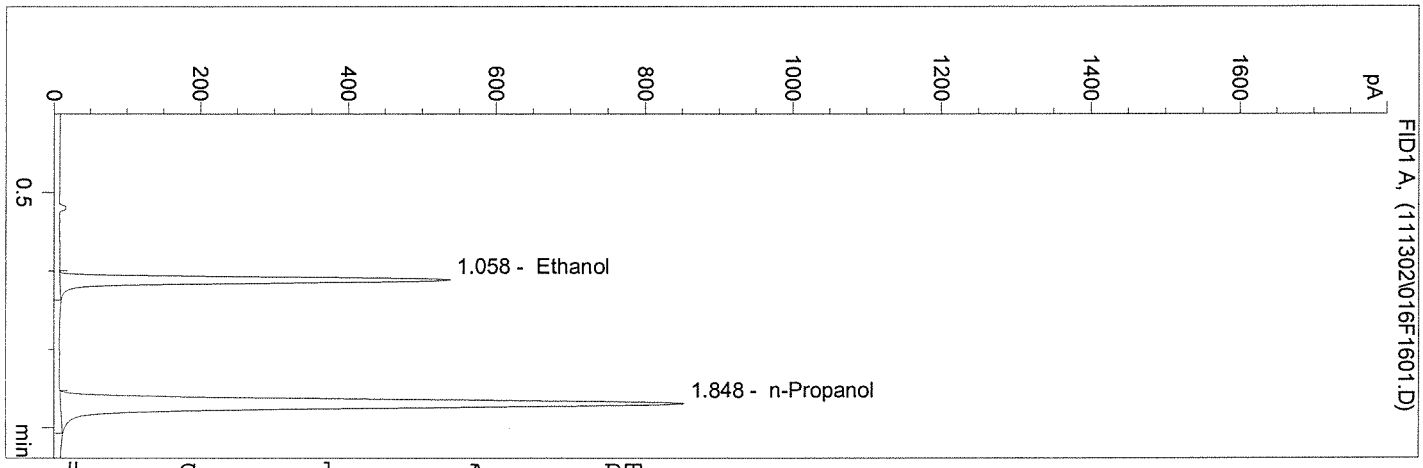
11/13/02 10:41:50 AM
Instrument 2
DB-ALC1

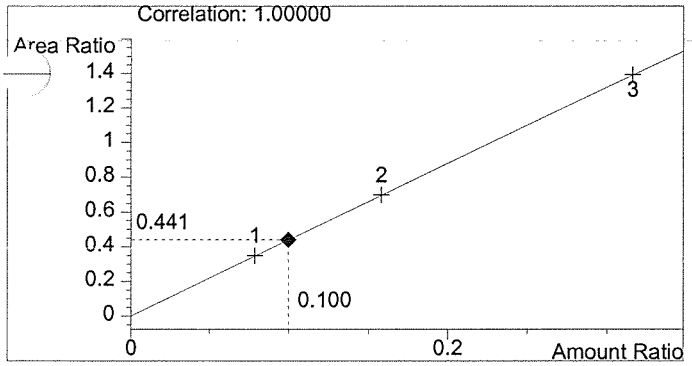
0.100 CTRL
RUTH LUTHI

vial # 16

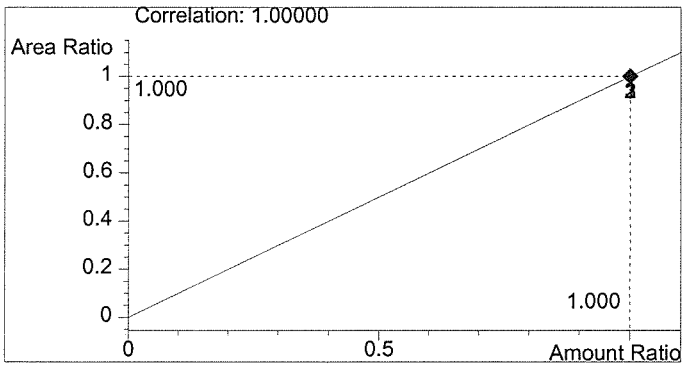


#	Compound	Area	RT
1	Ethanol	1442	1.058
2	n-Propanol	3272	1.848

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

Bldalco2

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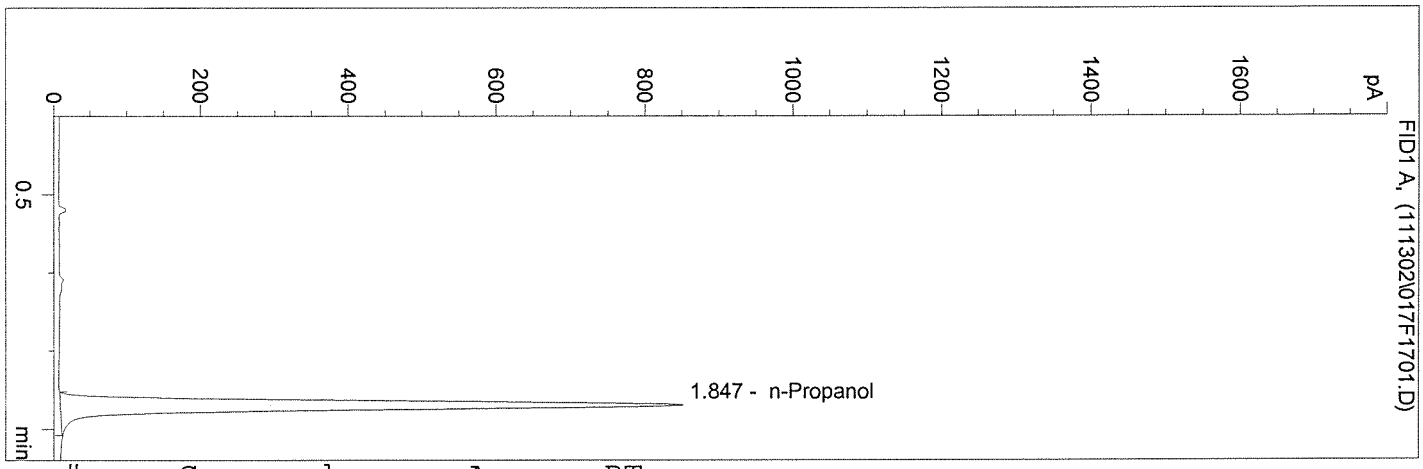
11/13/02 10:45:10 AM
Instrument 2
DB-ALC1

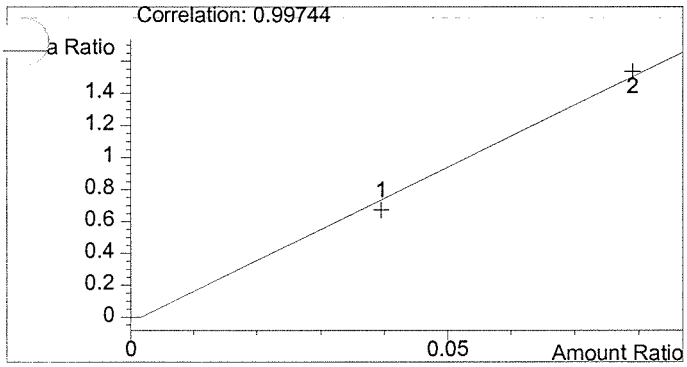
BLANK
RUTH LUTHI

vial # 17

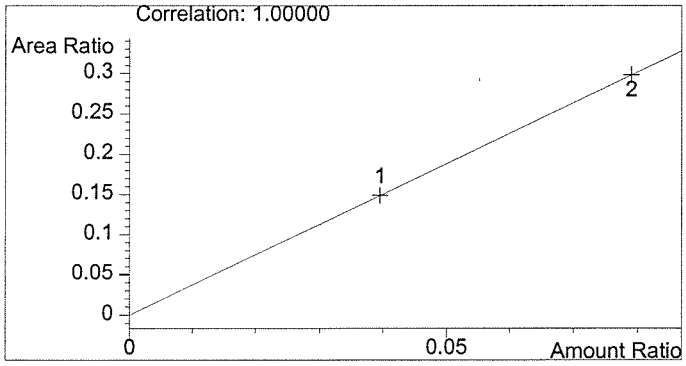


#	Compound	Area	RT
1	Acetaldehyde	0	0.000
2	Ethanol	0	0.000
3	n-Propanol	3275	1.847

Totals:



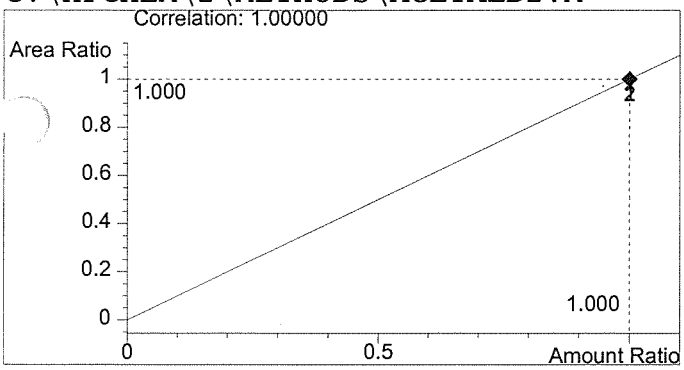
Acetaldeh-> 0.000 g/100ml



Ethanol 0.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\ACETALD2.M



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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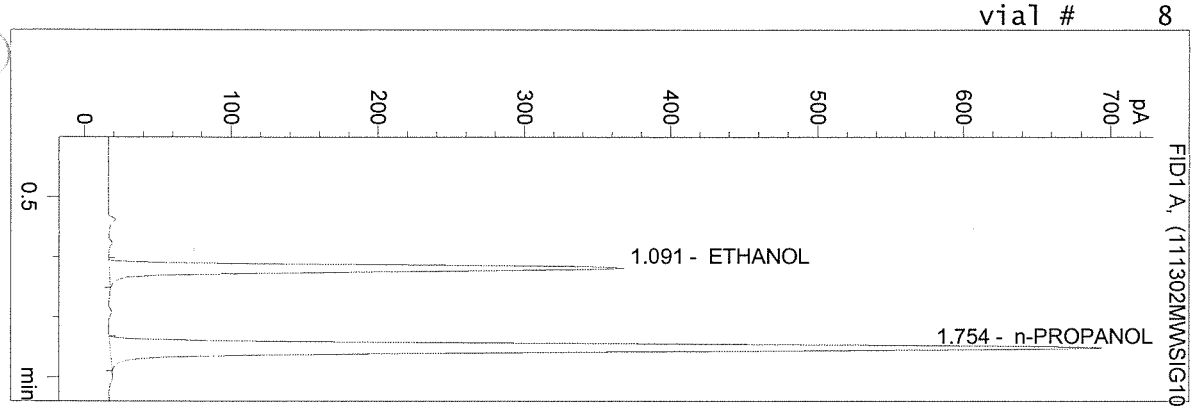
11/13/02 3:11:36 PM
Instrument 3
DB-ALC1

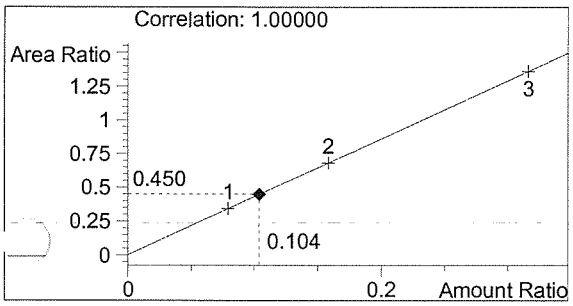
02037
Mary Wilson

vial # 8

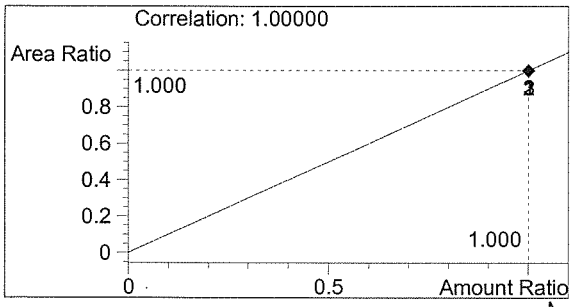


#	Compound	Area	RT
1	ETHANOL	1386	1.091
2	n-PROPANOL	3082	1.754

Totals:



ETHANOL 0.104 g/100mL



n-PROPANOL 1.000 g/100mL

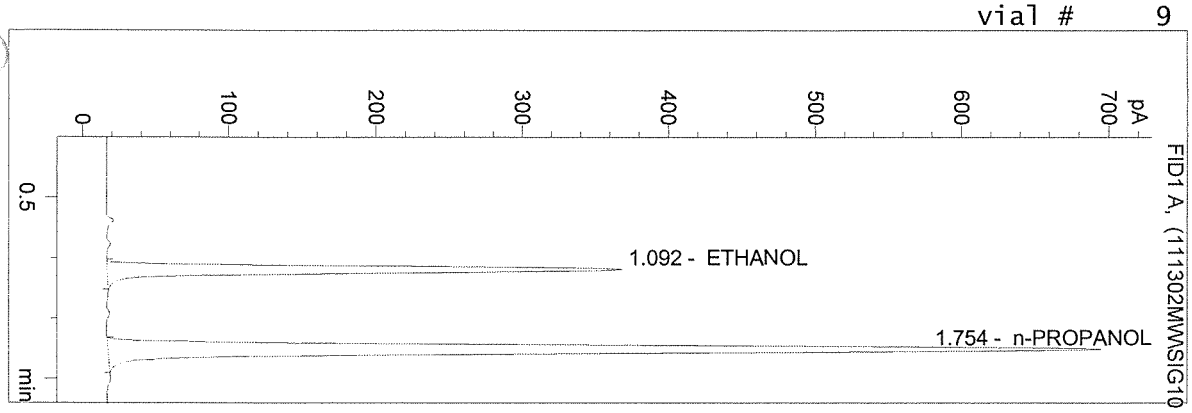
Calibration with Ann Marie's 02036 run 11/13/02

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/13/02 3:14:59 PM
Instrument 3
DB-ALC1

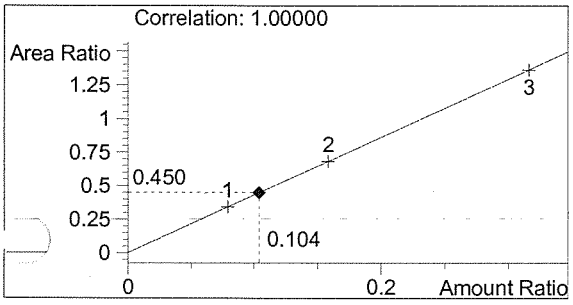
02037
Mary Wilson

vial # 9

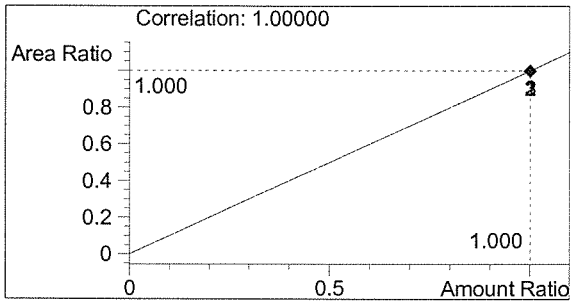


#	Compound	Area	RT
1	ETHANOL	1386	1.092
2	n-PROPANOL	3082	1.754

Totals:



ETHANOL 0.104 g/100mL



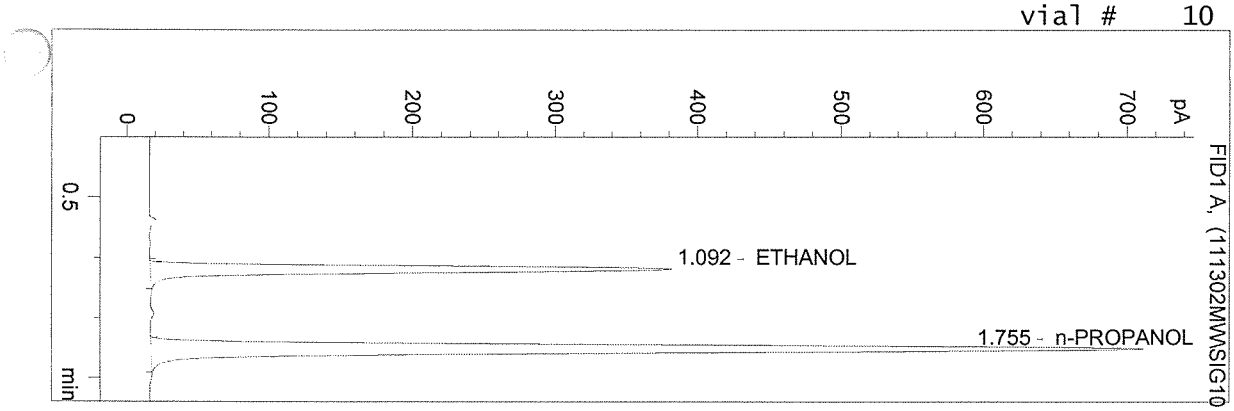
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/13/02 3:18:23 PM
Instrument 3
DB-ALC1

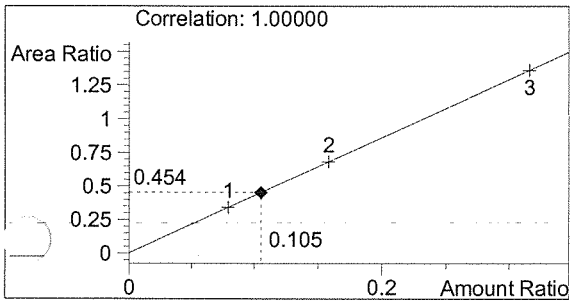
02037
Mary Wilson

vial # 10

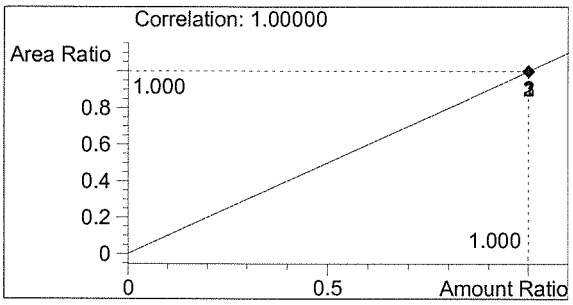


#	Compound	Area	RT
1	ETHANOL	1429	1.092
2	n-PROPANOL	3150	1.755

Totals:



ETHANOL 0.105 g/100mL



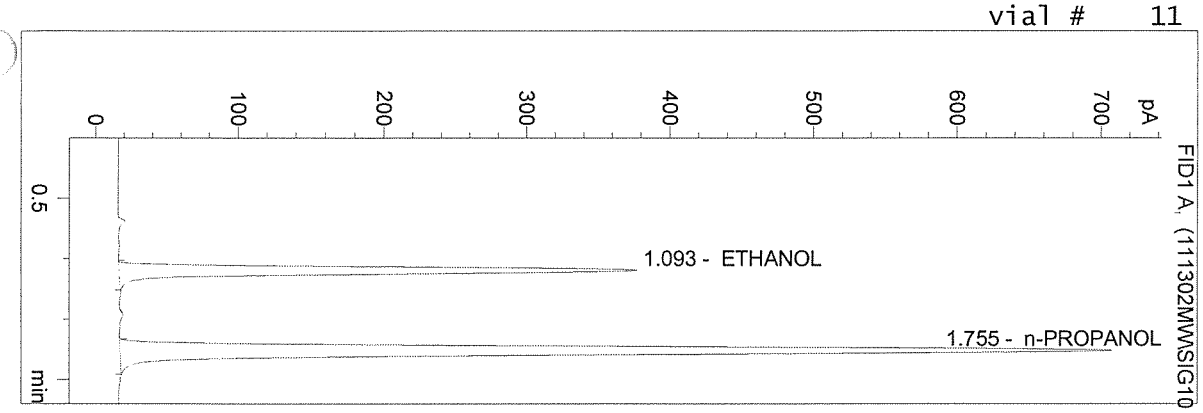
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/13/02 3:21:46 PM
Instrument 3
DB-ALC1

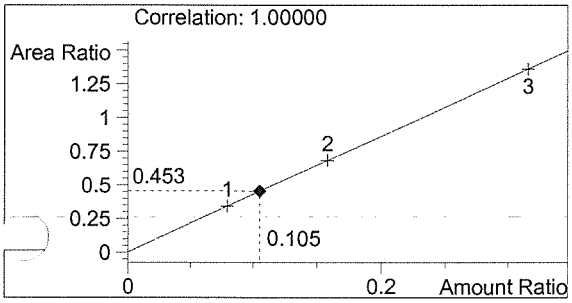
02037
Mary Wilson

vial # 11

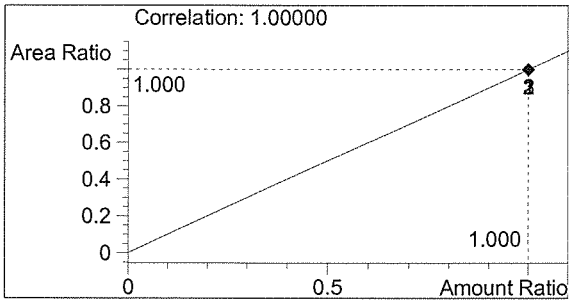


#	Compound	Area	RT
1	ETHANOL	1422	1.093
2	n-PROPANOL	3137	1.755

Totals:



ETHANOL 0.105 g/100mL



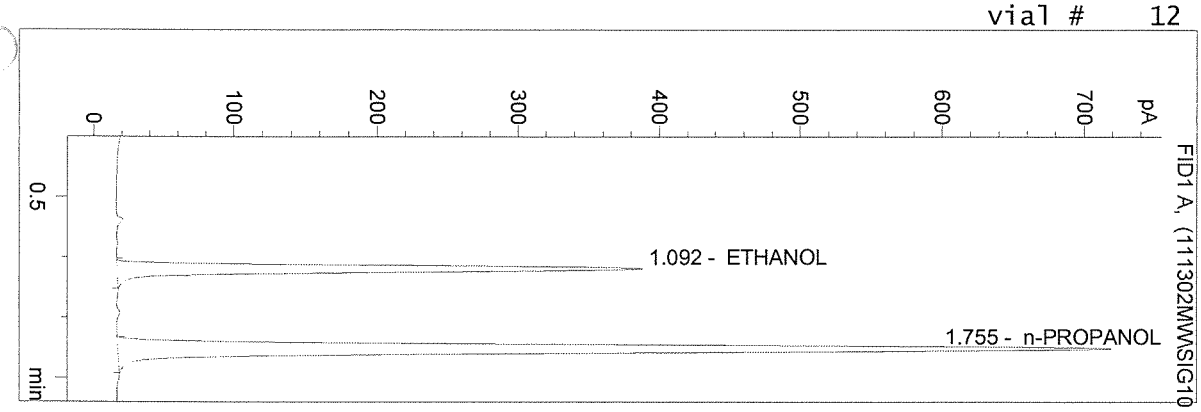
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/13/02 3:24:55 PM
Instrument 3
DB-ALC1

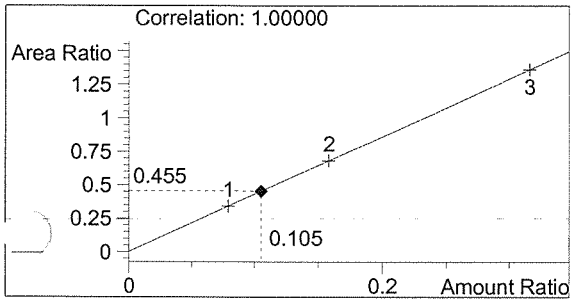
02037
Mary Wilson

vial # 12

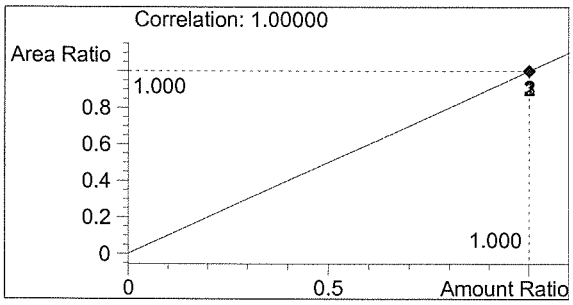


#	Compound	Area	RT
1	ETHANOL	1451	1.092
2	n-PROPANOL	3187	1.755

Totals:



ETHANOL 0.105 g/100mL



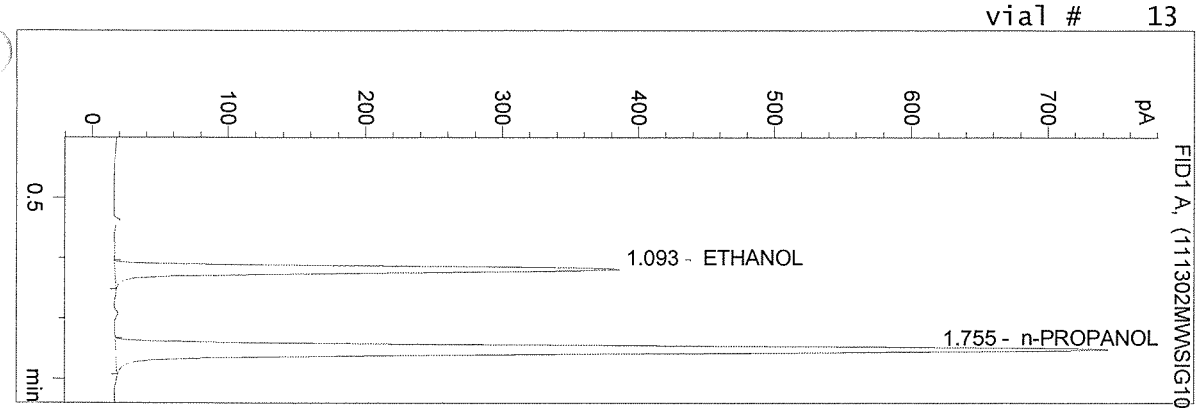
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/13/02 3:28:19 PM
Instrument 3
DB-ALC1

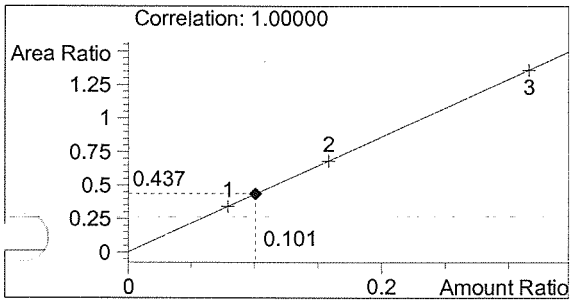
0.10 CTL
Mary Wilson

vial # 13

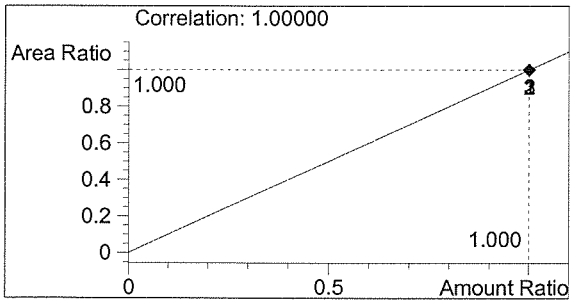


#	Compound	Area	RT
1	ETHANOL	1446	1.093
2	n-PROPANOL	3314	1.755

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
DB-ALC1

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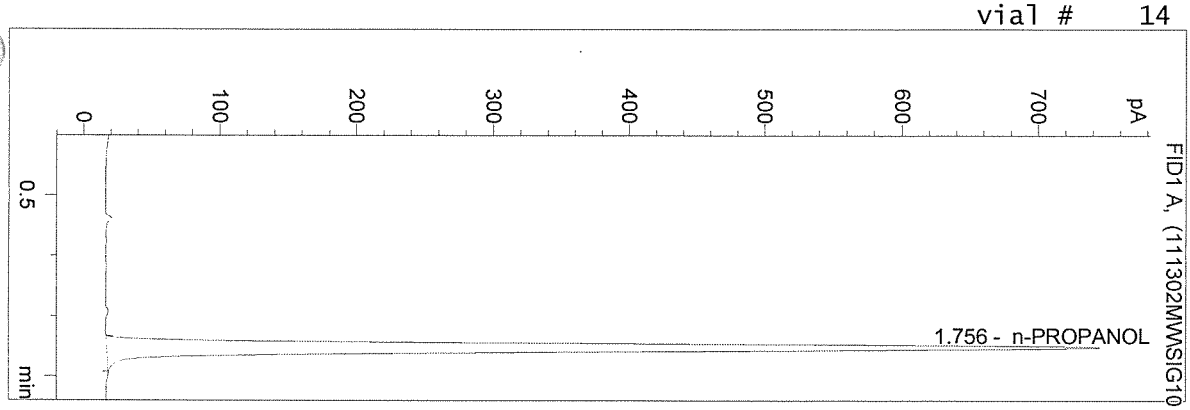
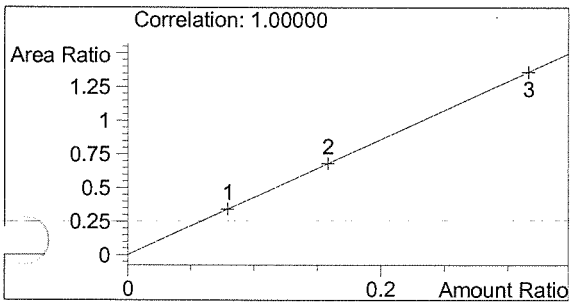
Mary Wilson

vial # 14

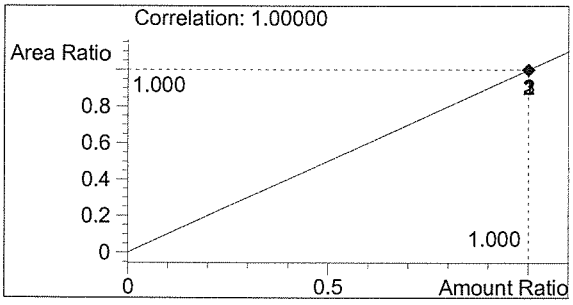


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3313	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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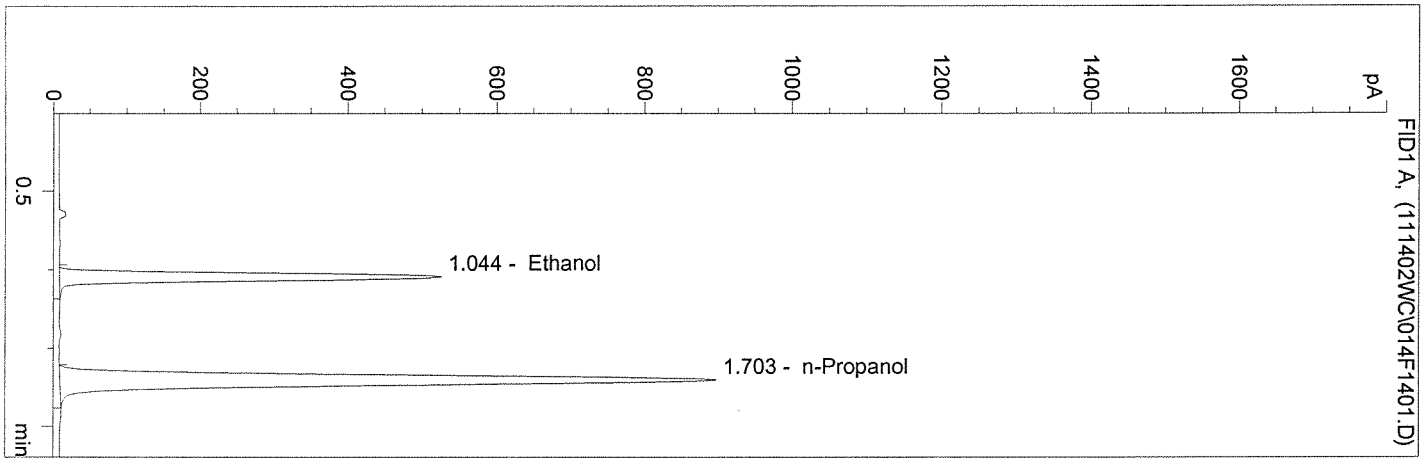
Instrument 1
-ALC1

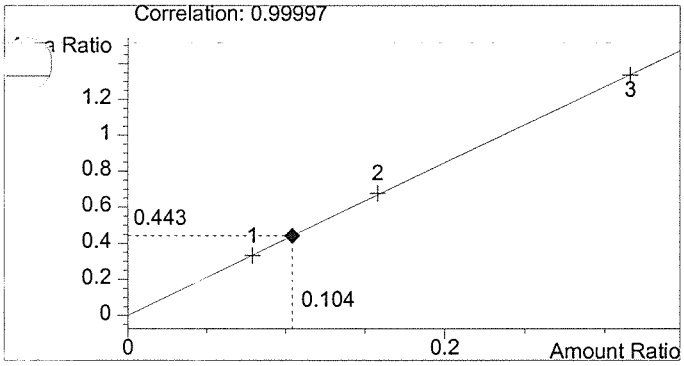
SIM 02037
WP MARSHALL

vial # 14

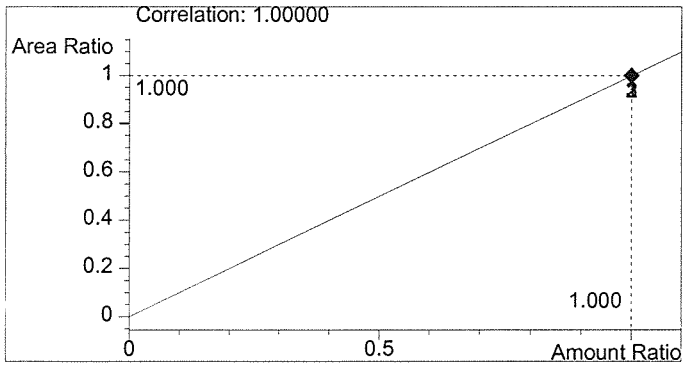


#	Compound	Area	RT
1	Ethanol	1710	1.044
2	n-Propanol	3862	1.703

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

STDS
026793

WASHINGTON STATE TOXICOLOGY LABORATORY

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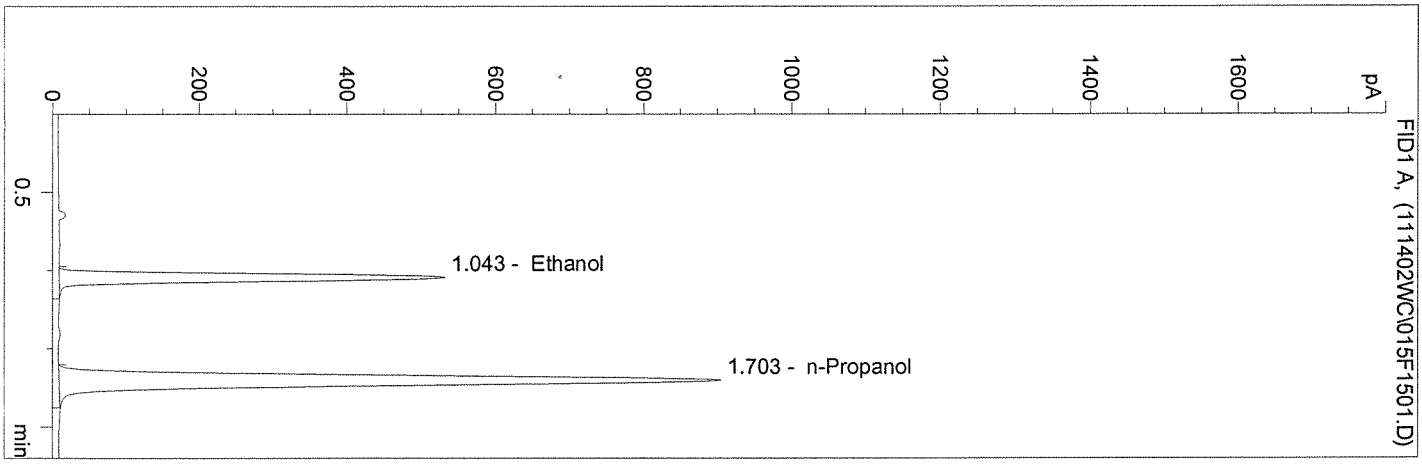
Instrument 1
-ALC1

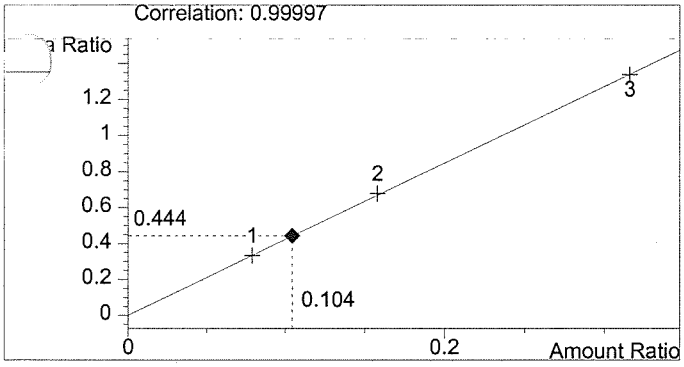
SIM 02037
WP MARSHALL

vial # 15

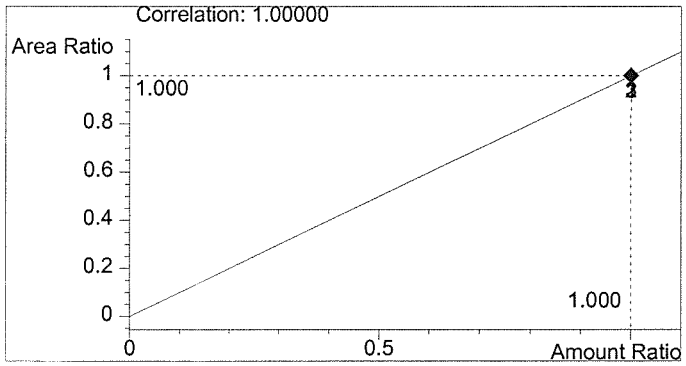


#	Compound	Area	RT
1	Ethanol	1729	1.043
2	n-Propanol	3896	1.703

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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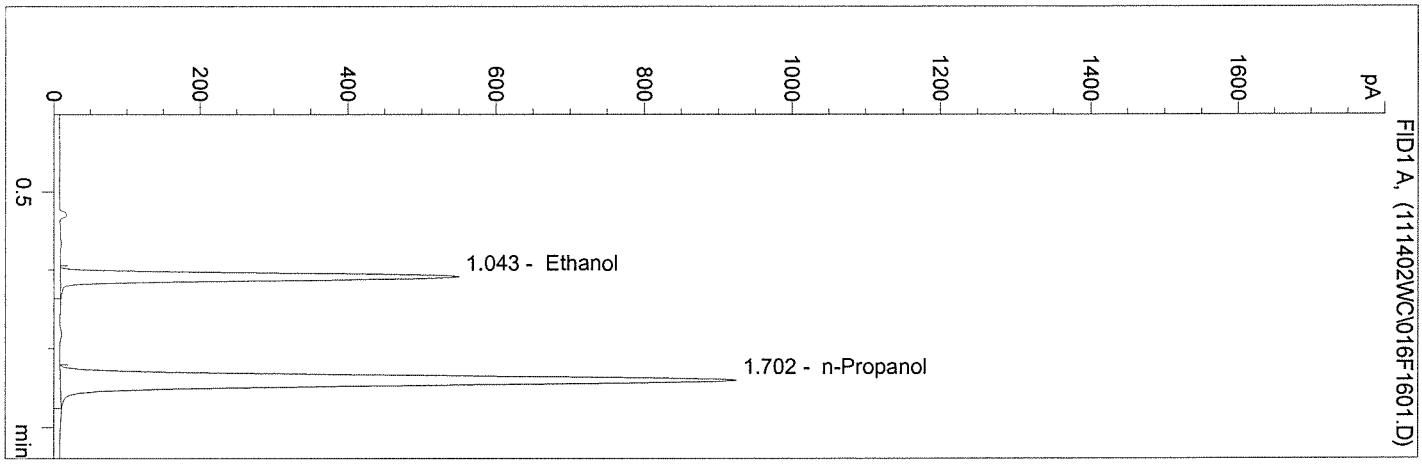
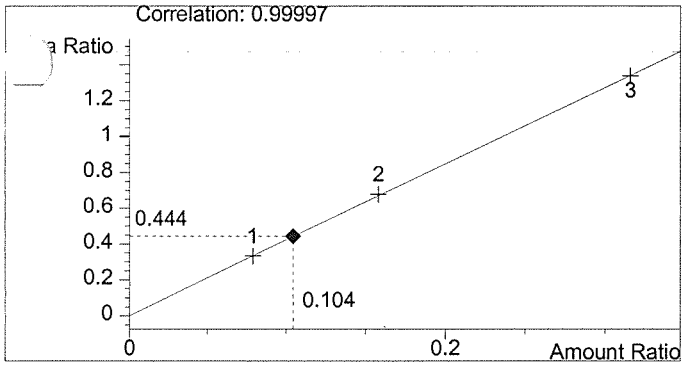
SIM 02037
WP MARSHALL

vial # 16

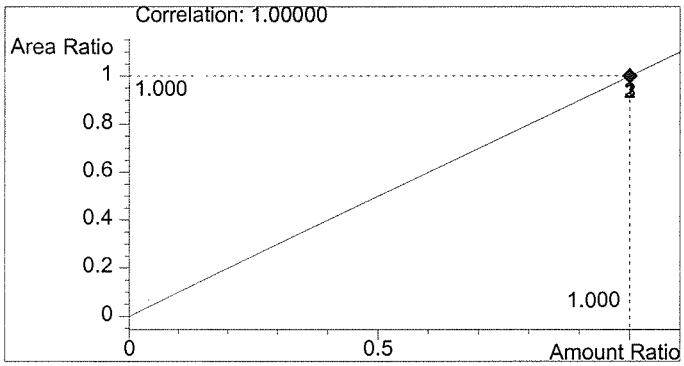


#	Compound	Area	RT
1	Ethanol	1750	1.043
2	n-Propanol	3943	1.702

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
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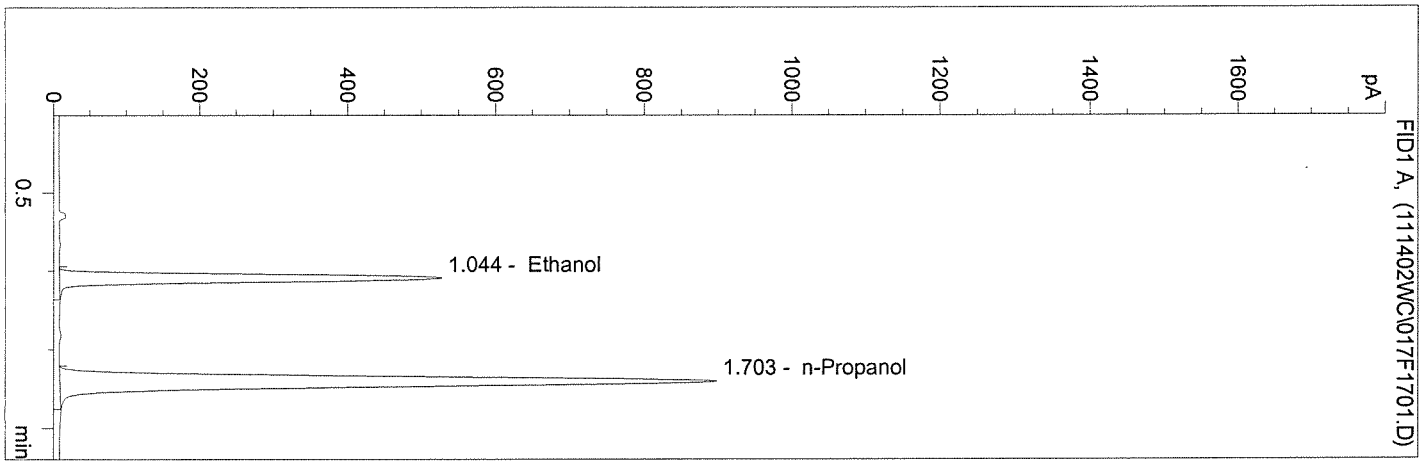
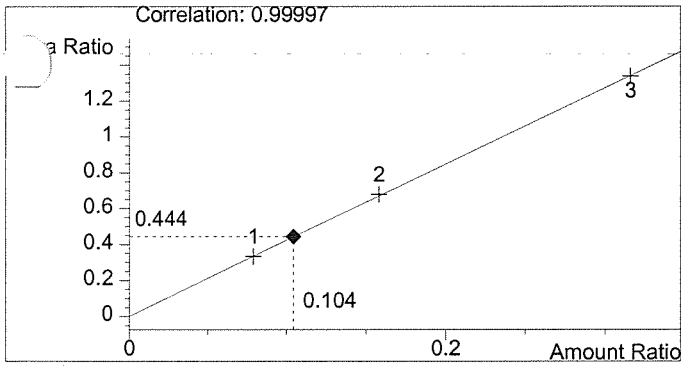
SIM 02037
WP MARSHALL

vial # 17

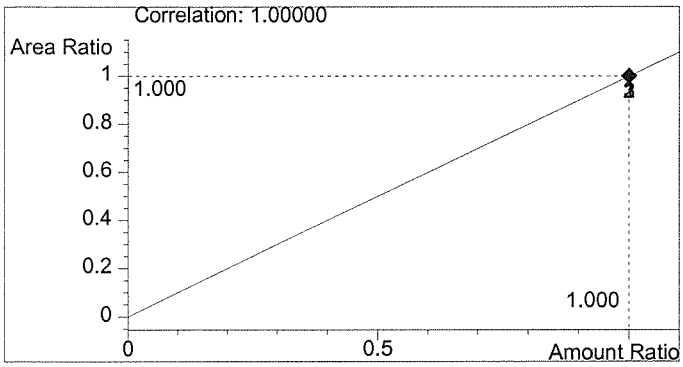


#	Compound	Area	RT
1	Ethanol	1714	1.044
2	n-Propanol	3860	1.703

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
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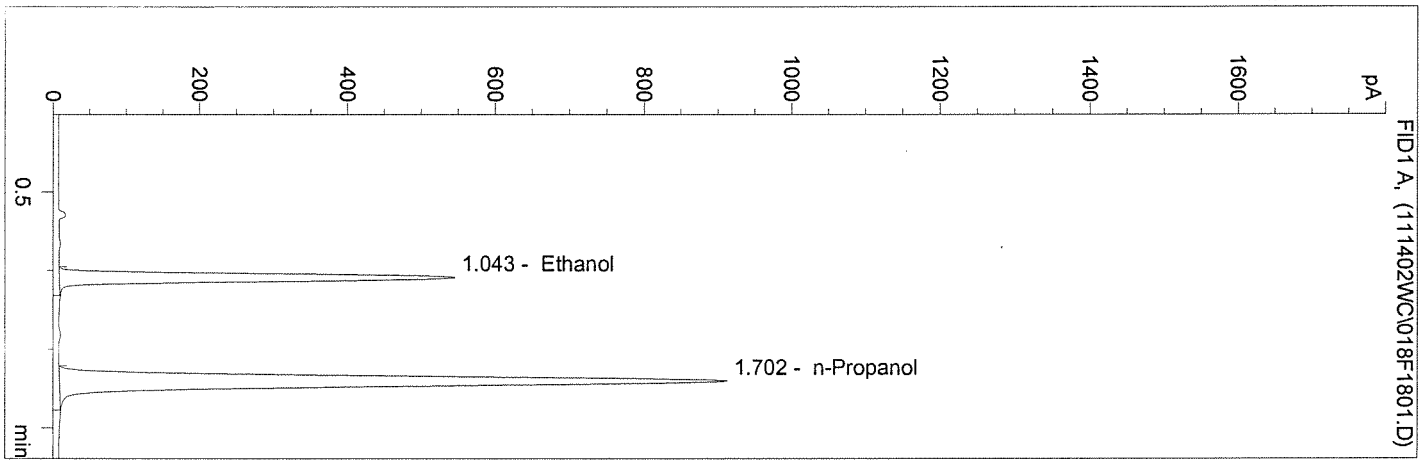
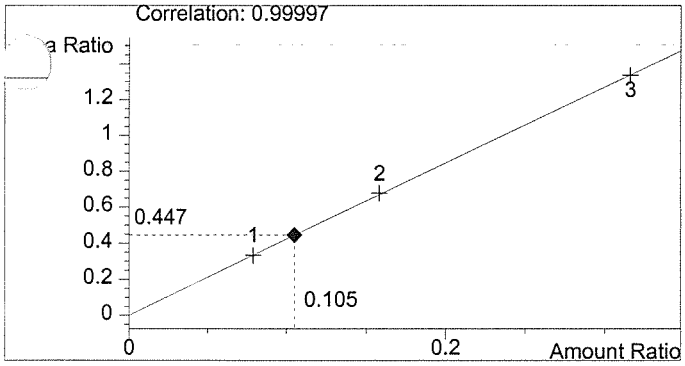
SIM 02037
WP MARSHALL

vial # 18

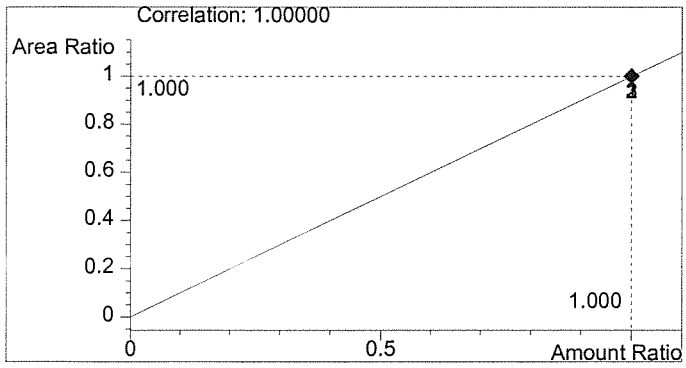


#	Compound	Area	RT
1	Ethanol	1744	1.043
2	n-Propanol	3905	1.702

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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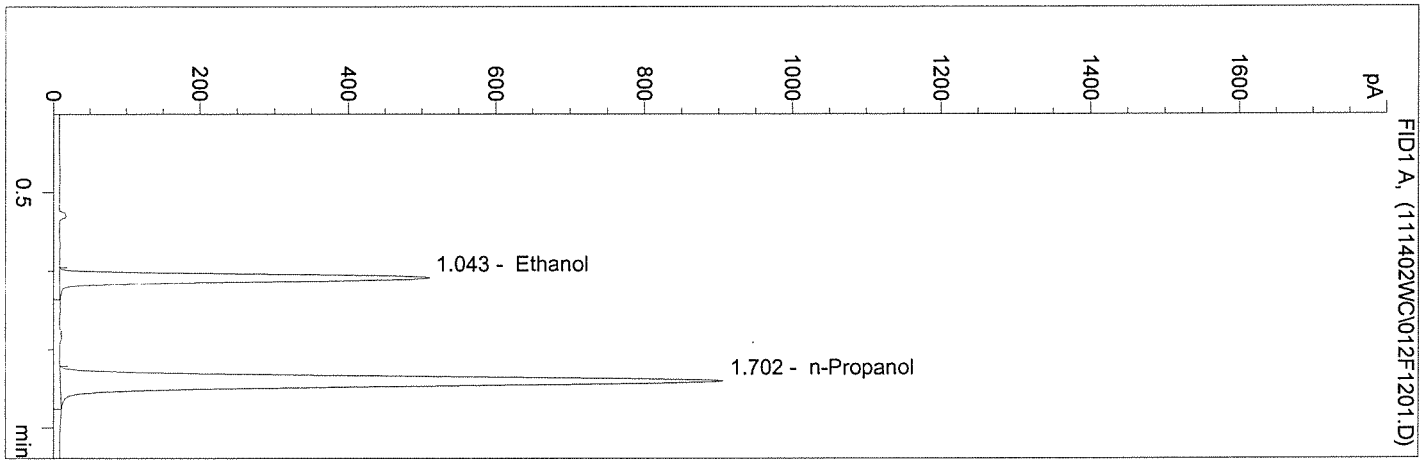
Instrument 1
-ALC1

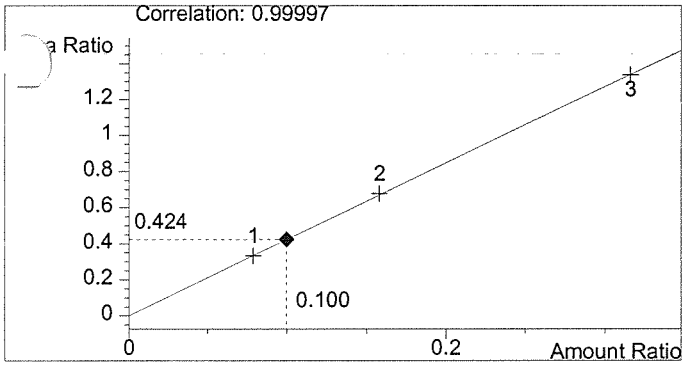
CONTROL 0.10 WM
WP MARSHALL

vial # 12

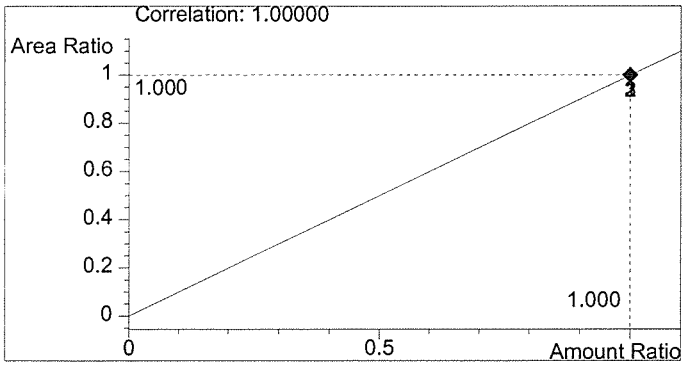


#	Compound	Area	RT
1	Ethanol	1648	1.043
2	n-Propanol	3886	1.702

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
-ALC1

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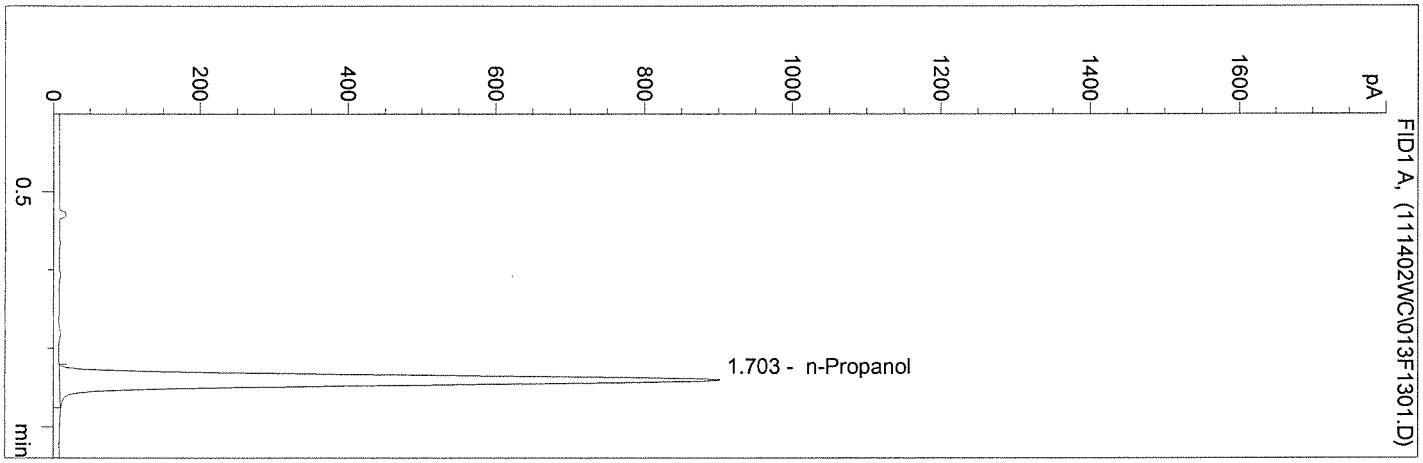
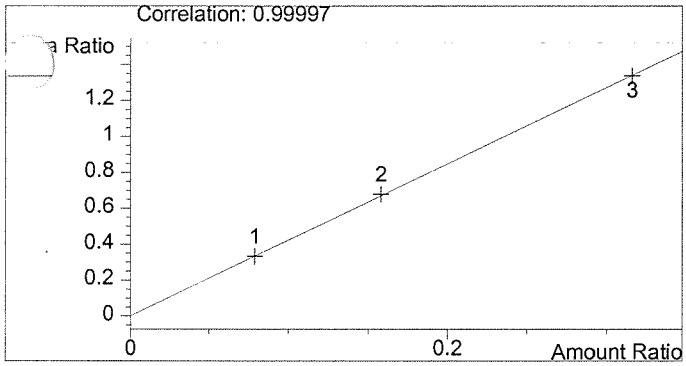
WP MARSHALL

vial # 13

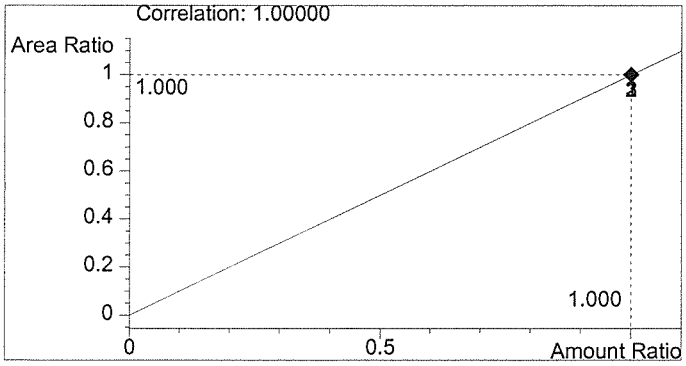


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3882	1.703

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
DB-ALC1

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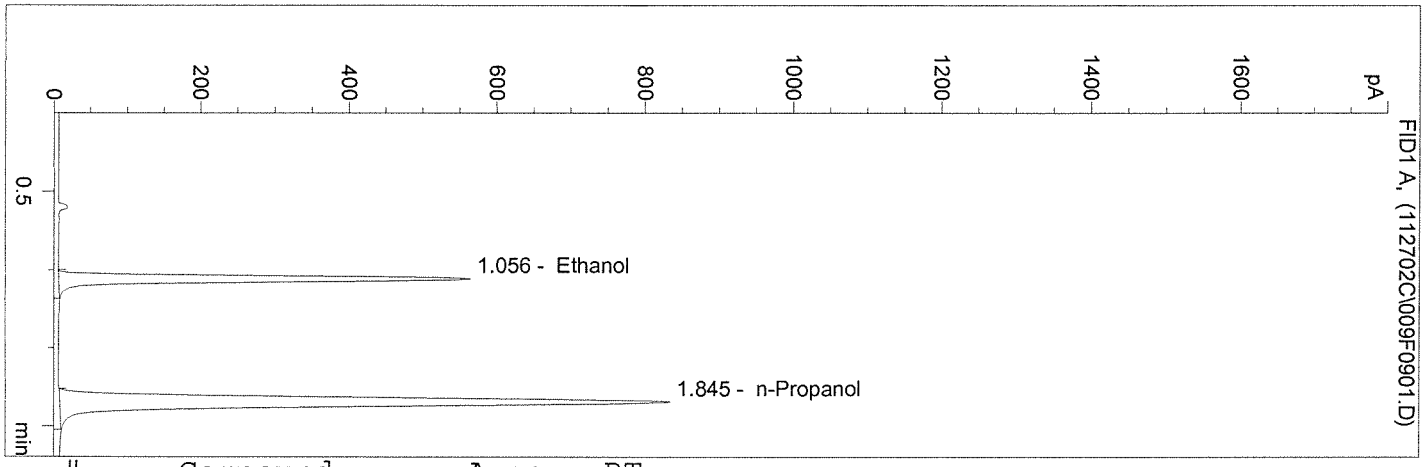
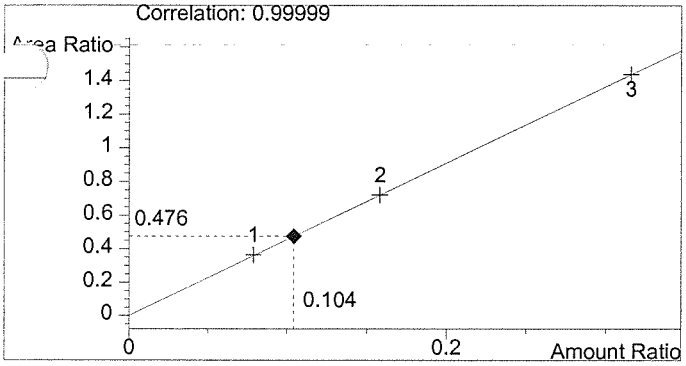
ED FORMOSO

vial # 9

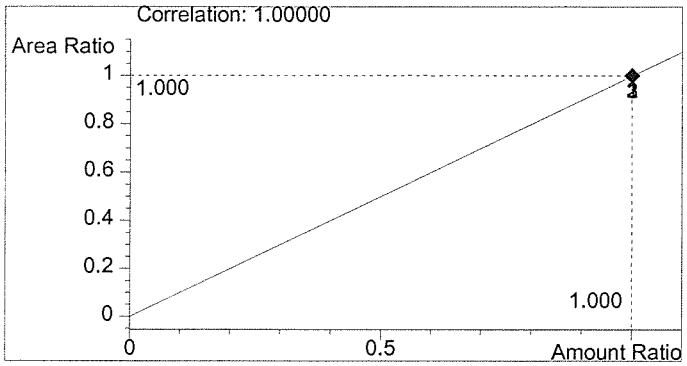


#	Compound	Area	RT
1	Ethanol	1518	1.056
2	n-Propanol	3189	1.845

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
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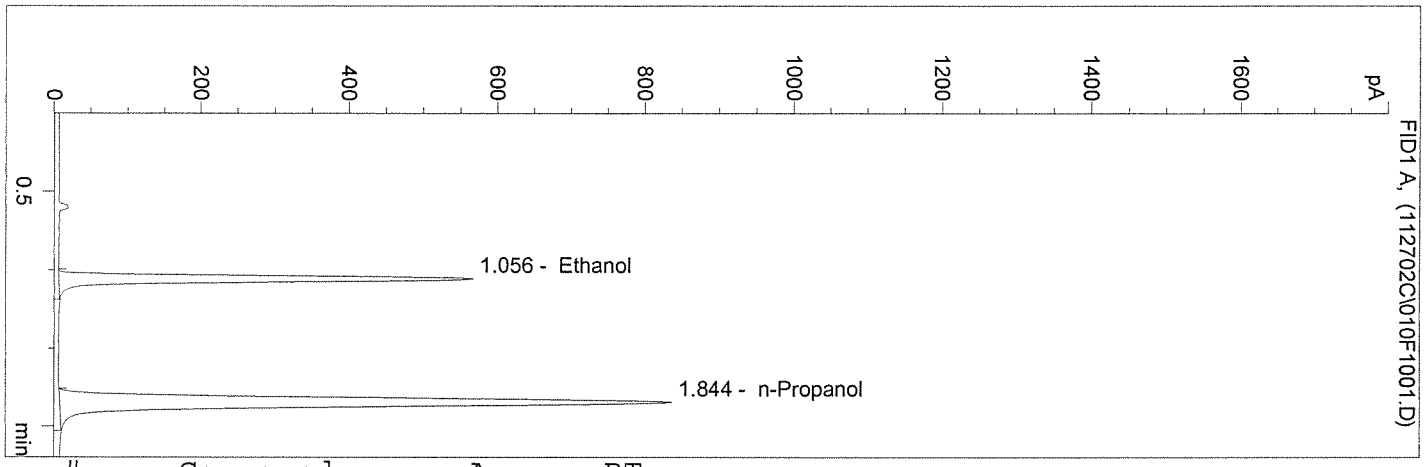
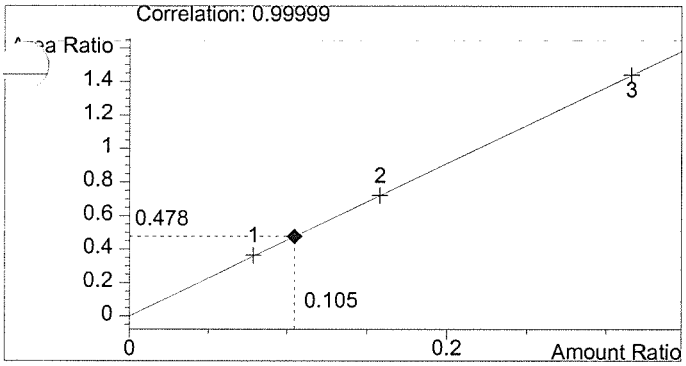
02037
ED FORMOSO

vial # 10

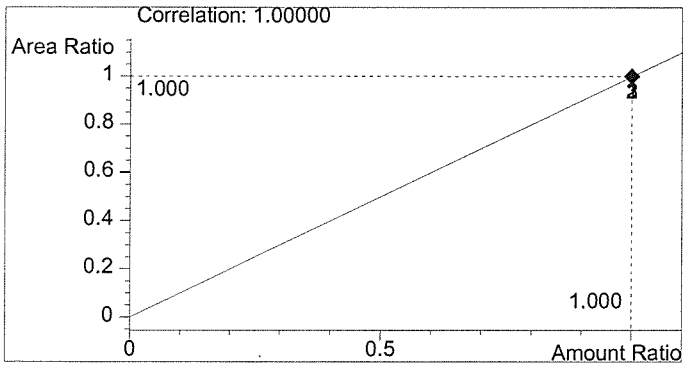


#	Compound	Area	RT
1	Ethanol	1531	1.056
2	n-Propanol	3202	1.844

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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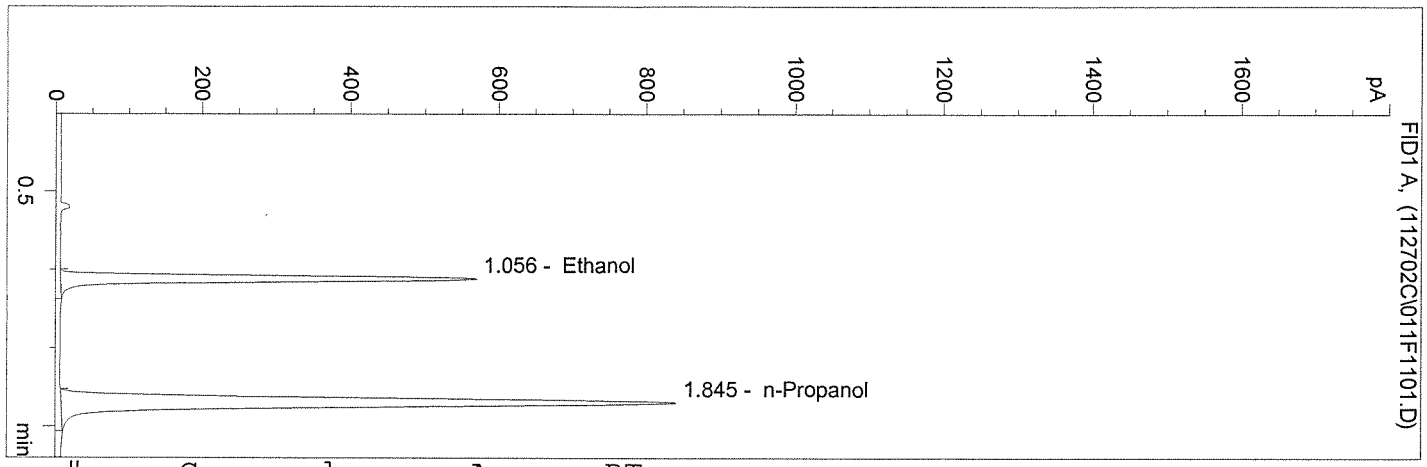
Instrument 2
DB-ALC1

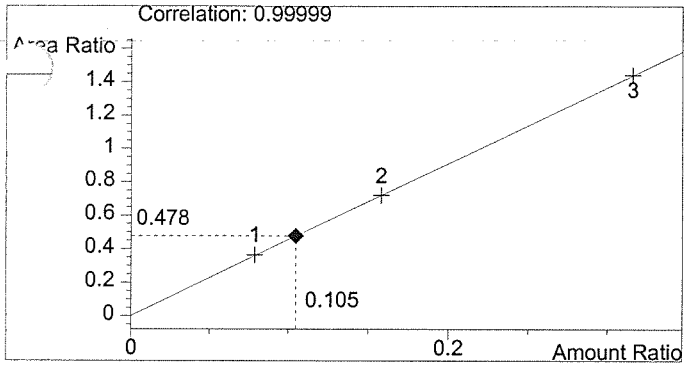
02037
ED FORMOSO

vial # 11

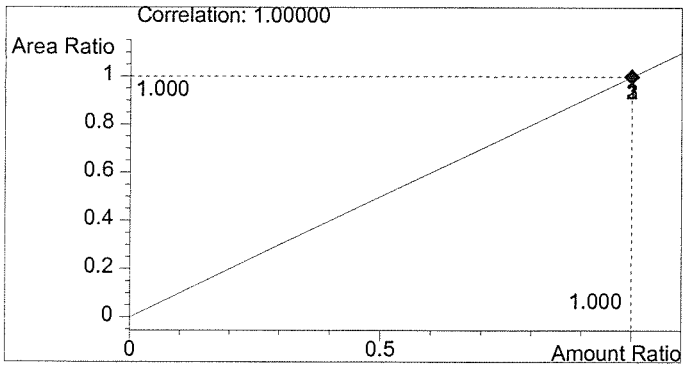


#	Compound	Area	RT
1	Ethanol	1546	1.056
2	n-Propanol	3232	1.845

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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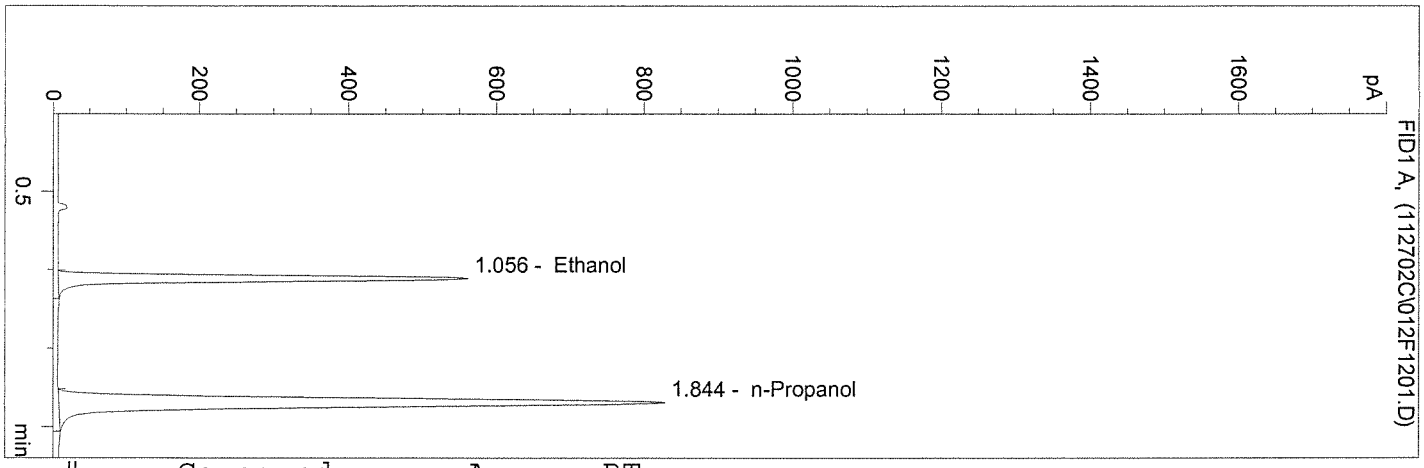
Instrument 2
DB-ALC1

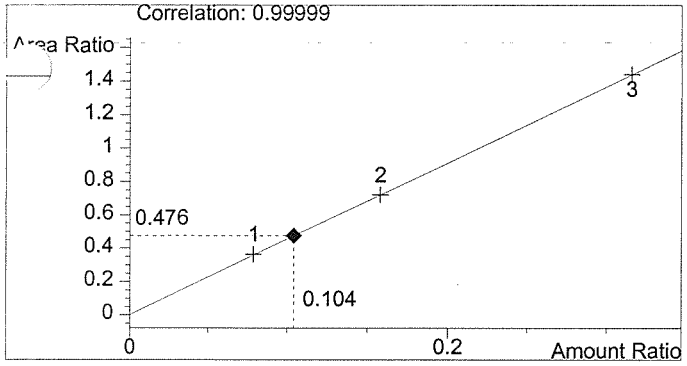
02037
ED FORMOSO

vial # 12

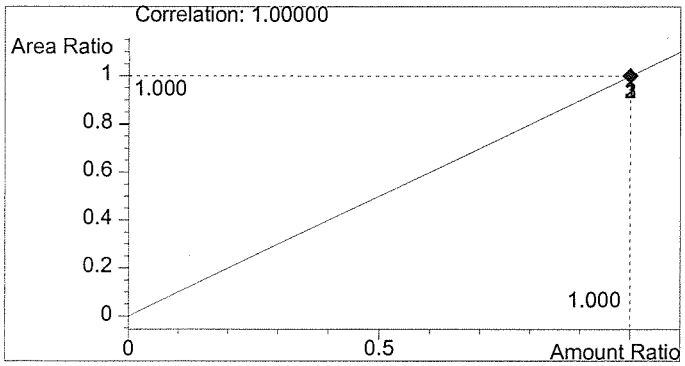


#	Compound	Area	RT
1	Ethanol	1515	1.056
2	n-Propanol	3182	1.844

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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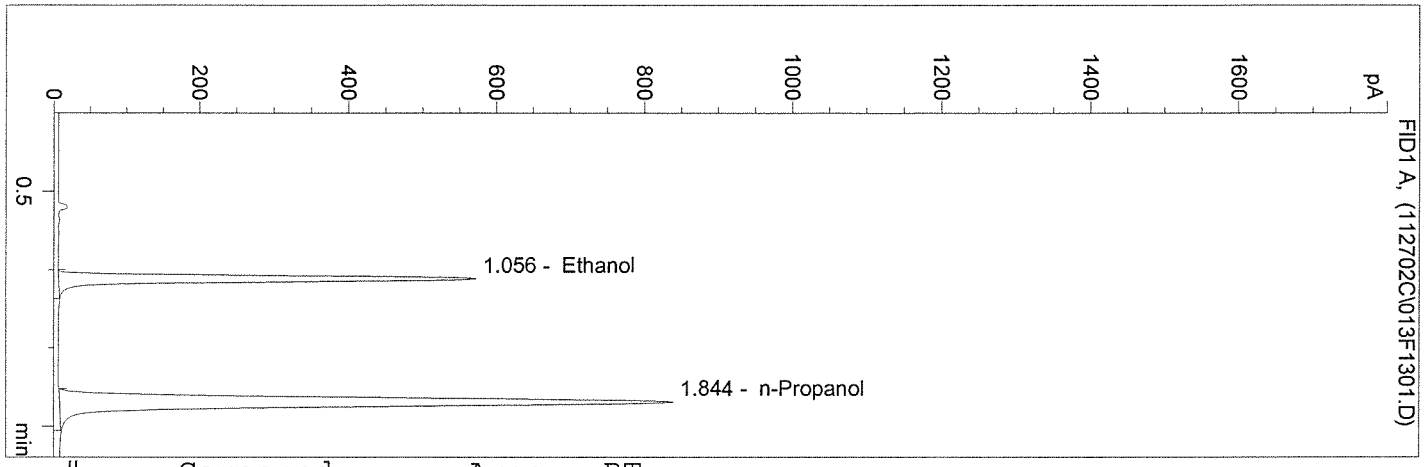
Instrument 2
DB-ALC1

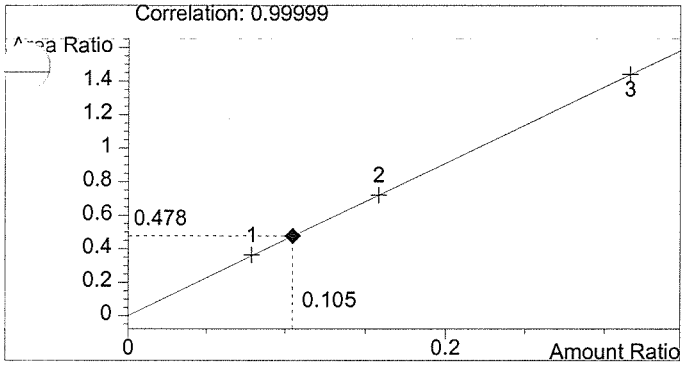
02037
ED FORMOSO

vial # 13

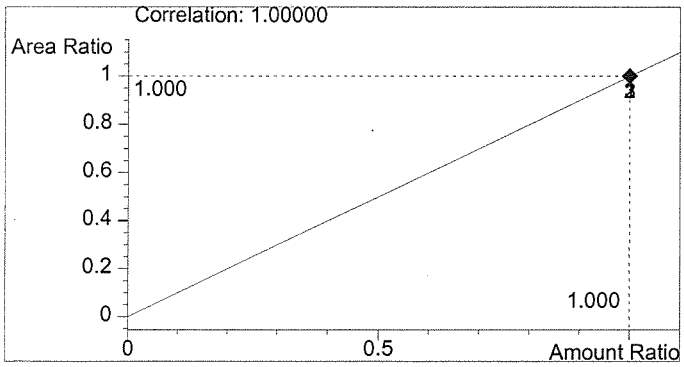


#	Compound	Area	RT
1	Ethanol	1537	1.056
2	n-Propanol	3214	1.844

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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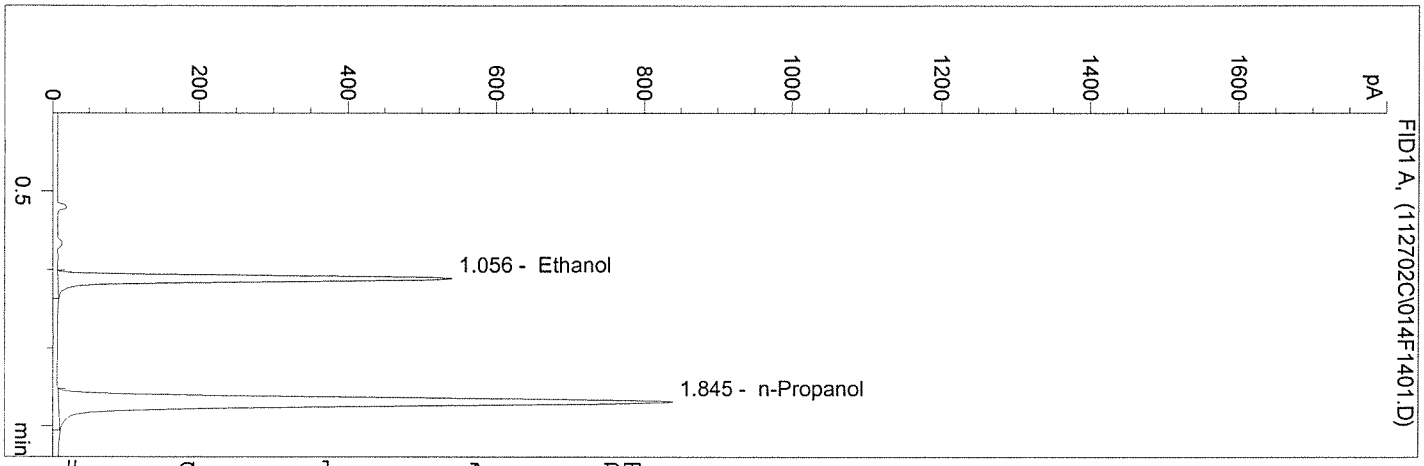
11/27/02 11:33:40 AM
Instrument 2
DB-ALC1

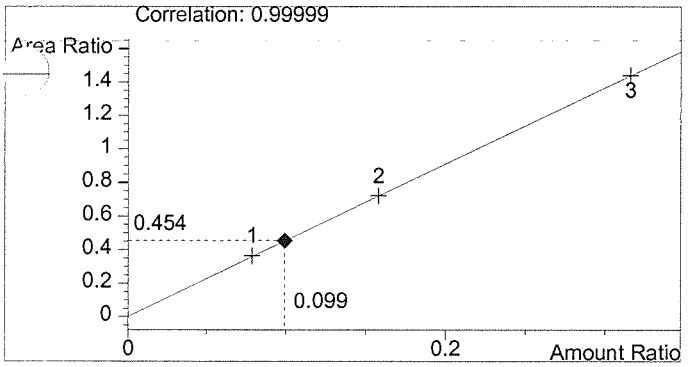
0.10 CONTROL
ED FORMOSO

vial # 14

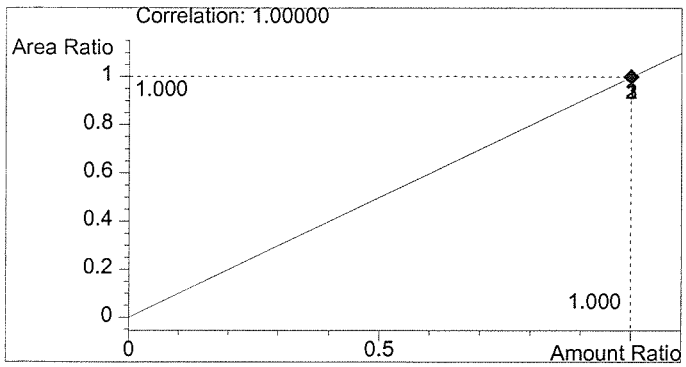


#	Compound	Area	RT
1	Ethanol	1462	1.056
2	n-Propanol	3222	1.845

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
DB-ALC1

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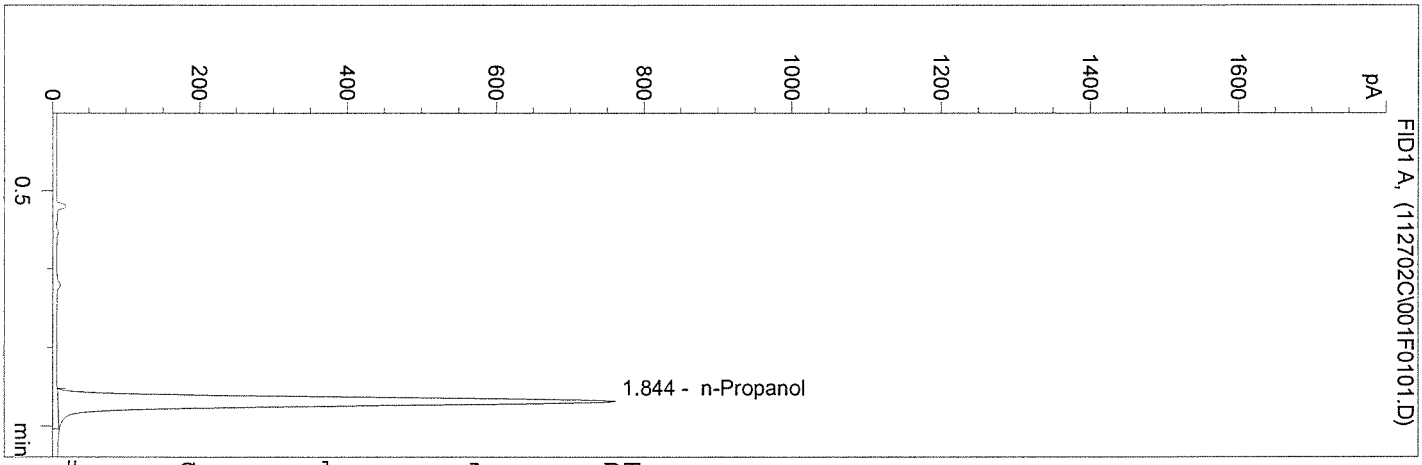
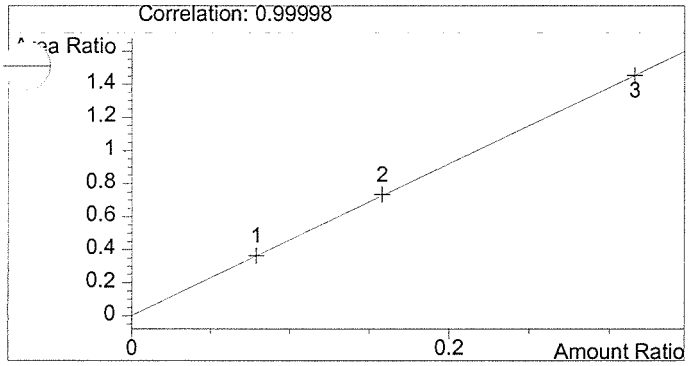
ED FORMOSO

vial # 1

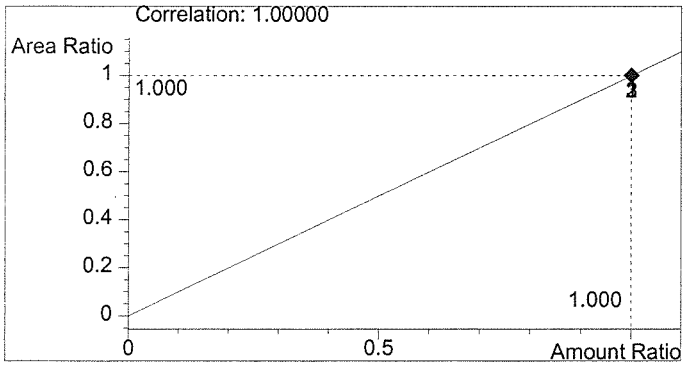


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2917	1.844

Totals:



Ethanol 0.000 g/100ml



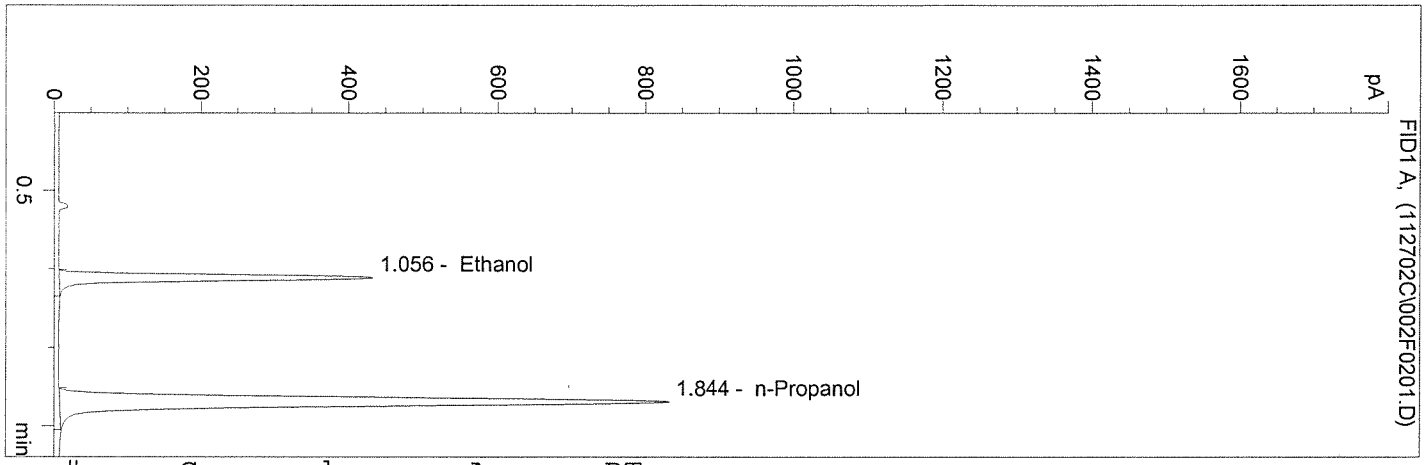
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
11/27/02 10:56:19 AM
Instrument 2
DB-ALC1

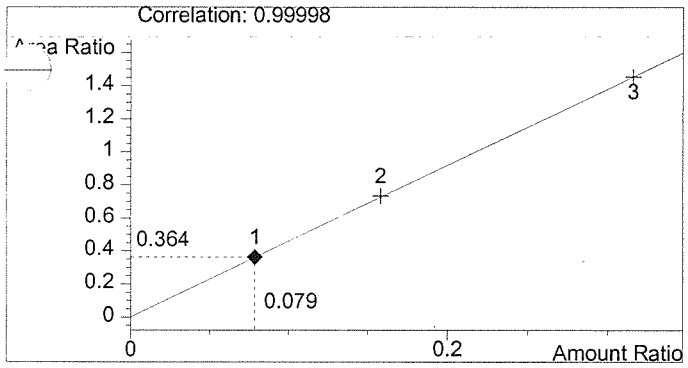
0.079 CAL
ED FORMOSO

vial # 2

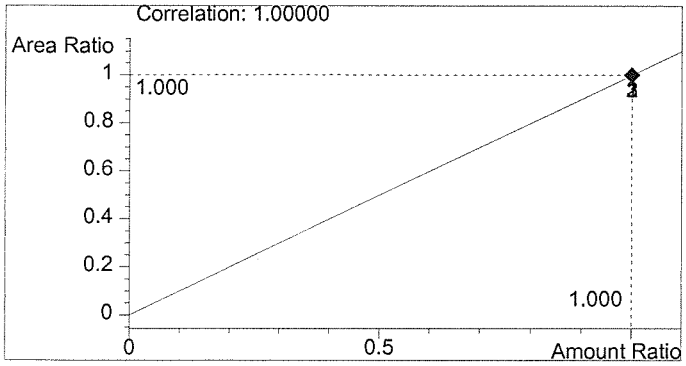


#	Compound	Area	RT
1	Ethanol	1161	1.056
2	n-Propanol	3186	1.844

Totals:



Ethanol 0.079 g/100ml



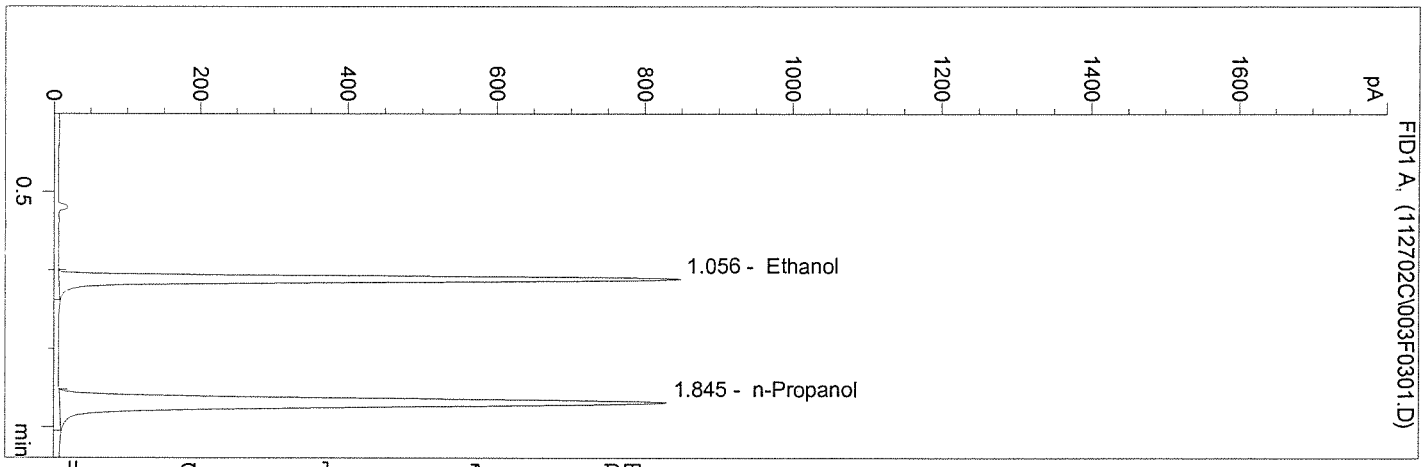
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
11/27/02 10:59:20 AM
Instrument 2
DB-ALC1

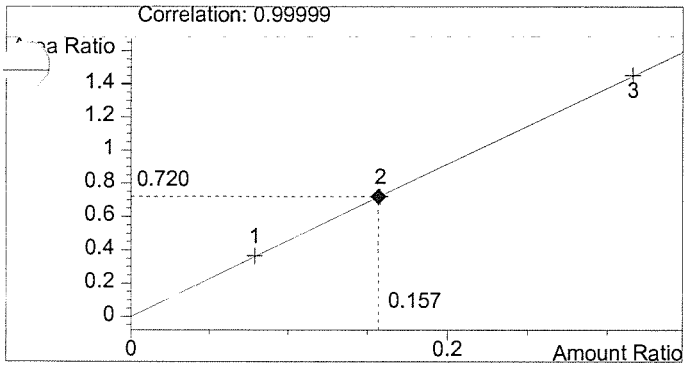
0.158 CAL
ED FORMOSO

vial # 3

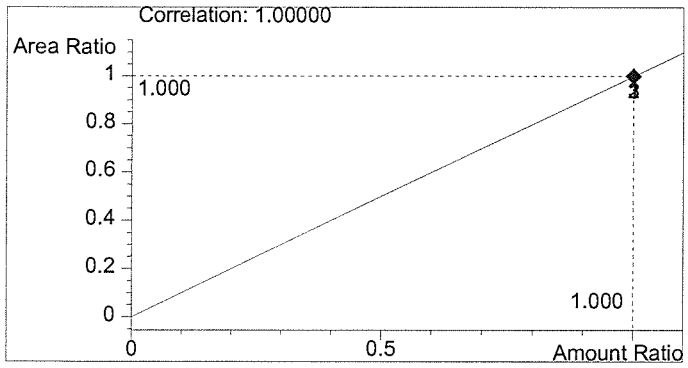


#	Compound	Area	RT
1	Ethanol	2289	1.056
2	n-Propanol	3178	1.845

Totals:



Ethanol 0.157 g/100ml



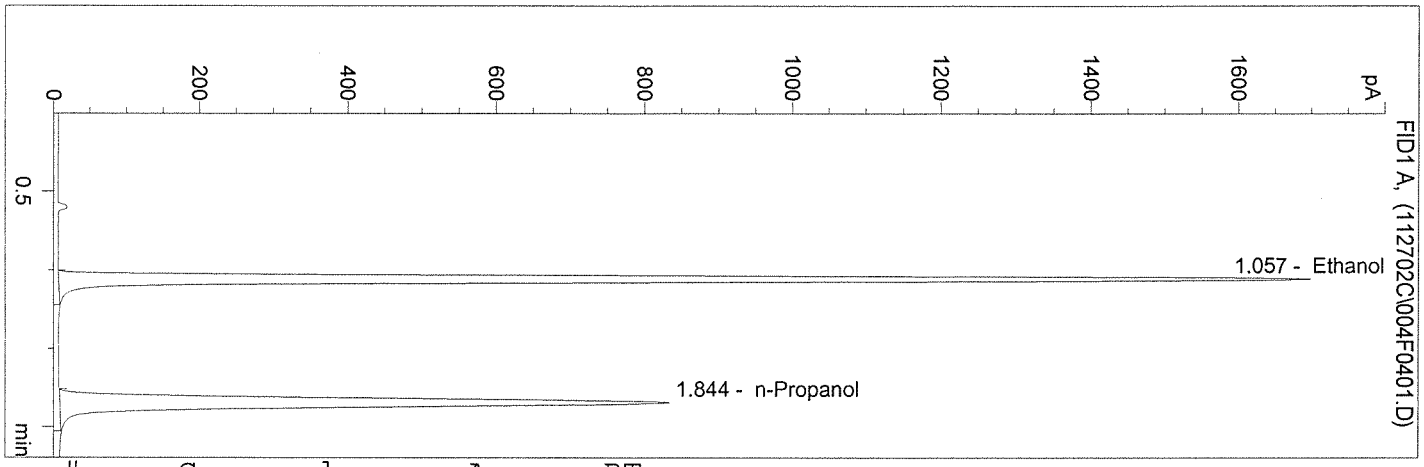
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
11/27/02 11:02:22 AM
Instrument 2
DB-ALC1

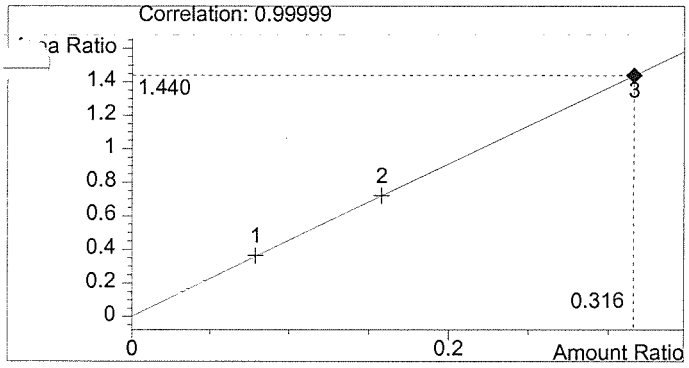
0.316 CAL
ED FORMOSO

vial # 4

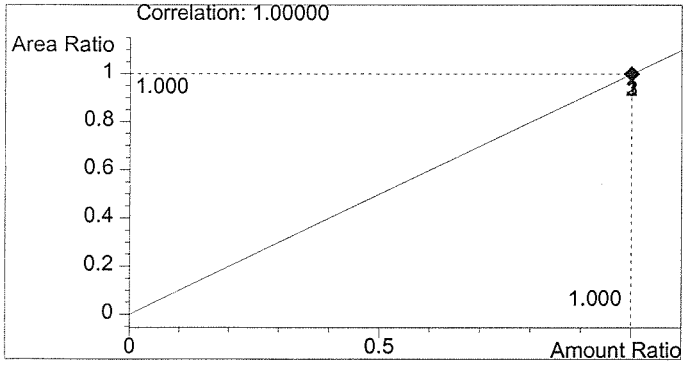


#	Compound	Area	RT
1	Ethanol	4598	1.057
2	n-Propanol	3193	1.844

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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11/27/02 11:05:49 AM
Instrument 2
DB-ALC1

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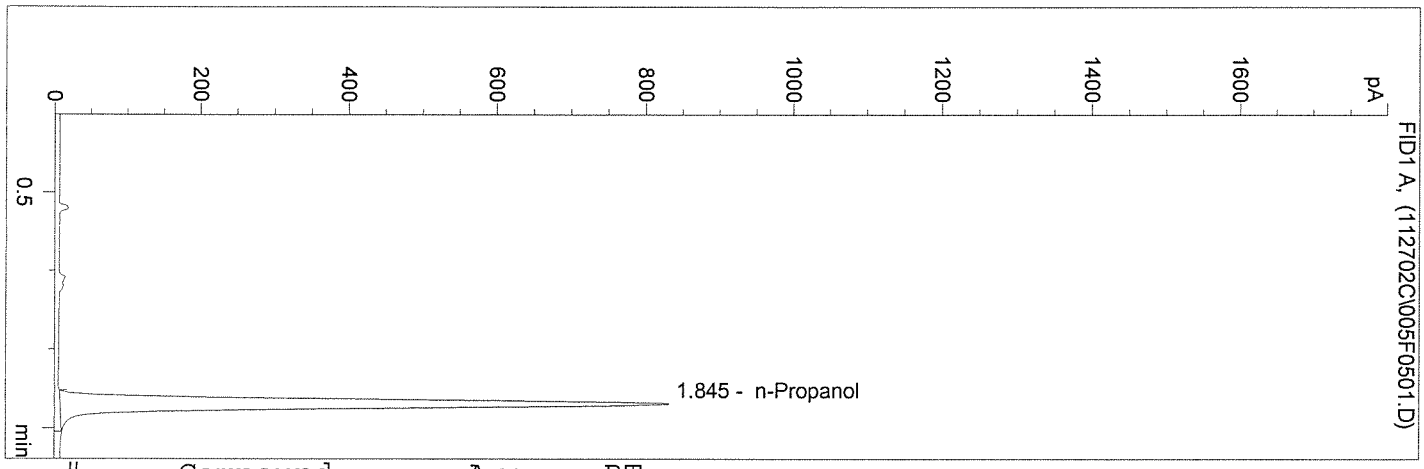
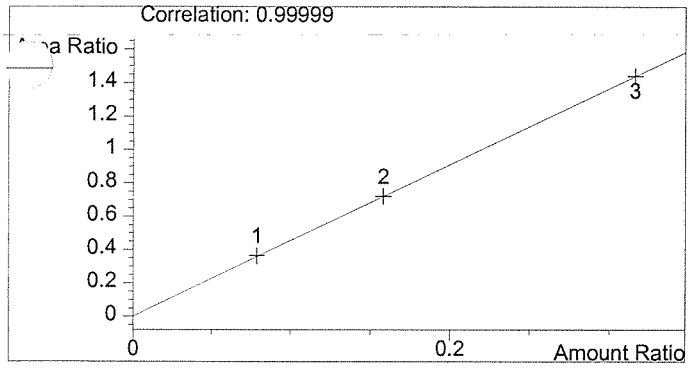
ED FORMOSO

vial # 5

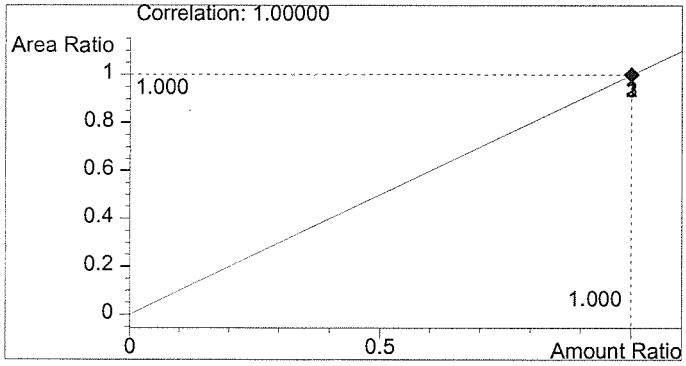


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3189	1.845

Totals:



Ethanol 0.000 g/100ml



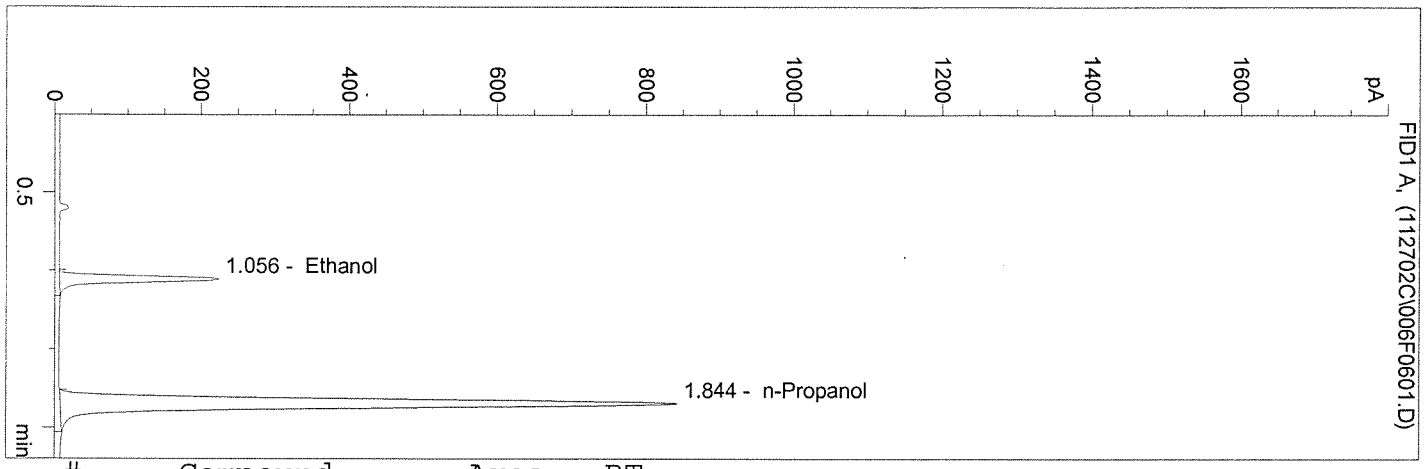
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
11/27/02 11:08:51 AM
Instrument 2
DB-ALC1

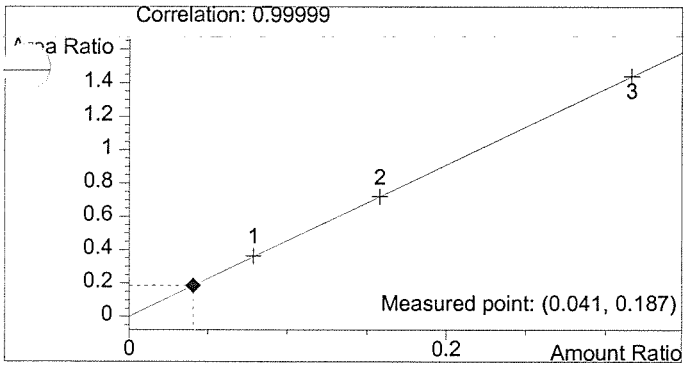
0.04 CAP
ED FORMOSO

vial # 6

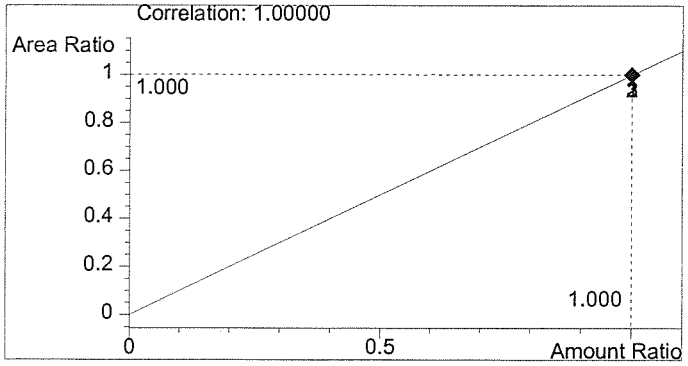


#	Compound	Area	RT
1	Ethanol	606	1.056
2	n-Propanol	3240	1.844

Totals:



Ethanol 0.041 g/100ml



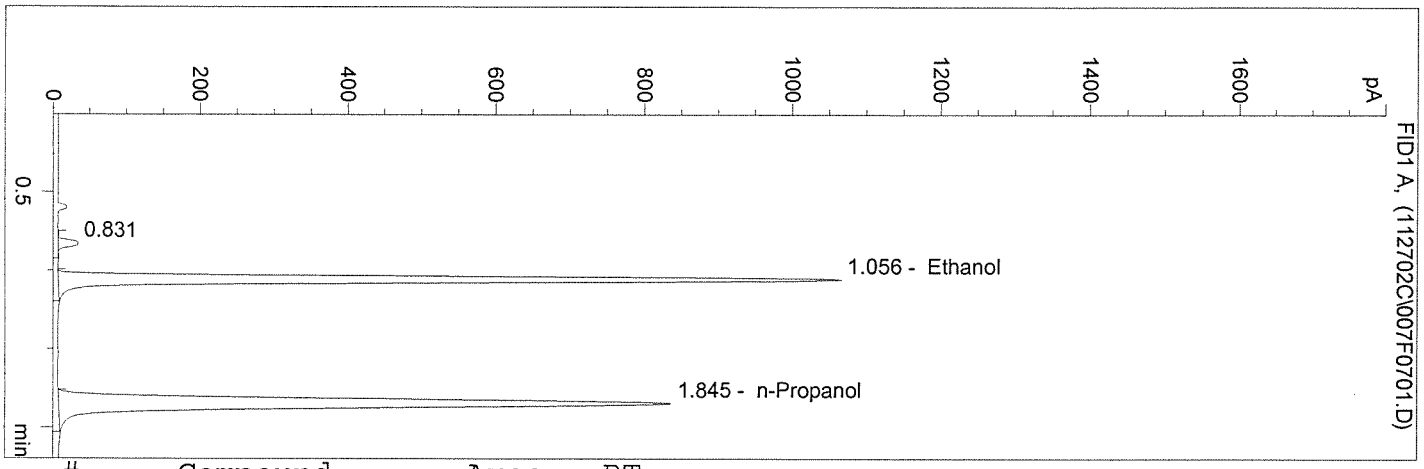
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
11/27/02 11:11:53 AM
Instrument 2
DB-ALC1

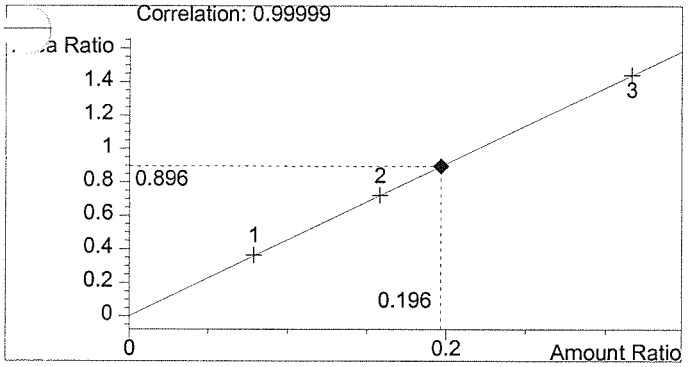
0.20 CONTROL
ED FORMOSO

vial # 7

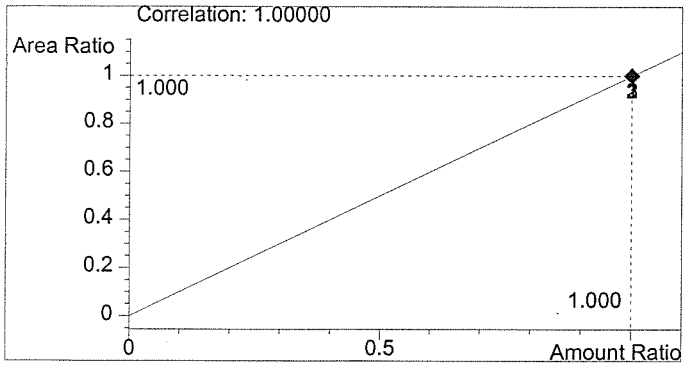


#	Compound	Area	RT
1		81	0.831
2	Ethanol	2880	1.056
3	n-Propanol	3213	1.845

Totals:



Ethanol 0.196 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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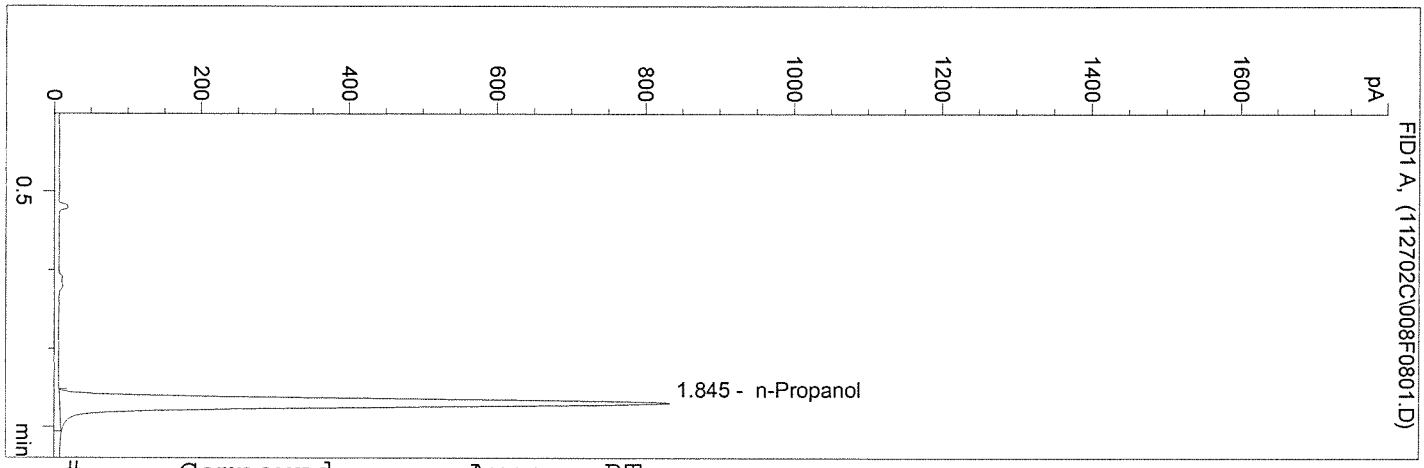
11/27/02 11:14:54 AM
Instrument 2
DB-ALC1

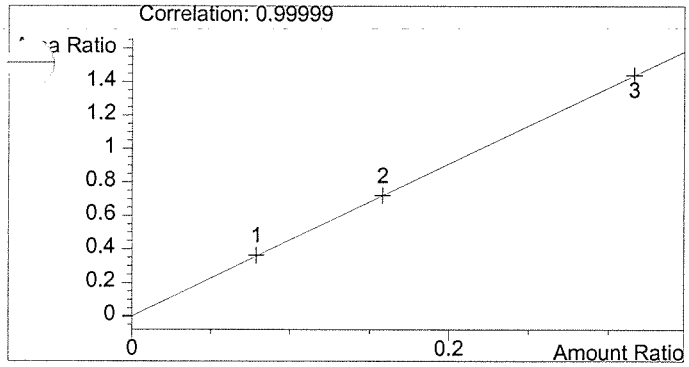
BLANK
ED FORMOSO

vial # 8

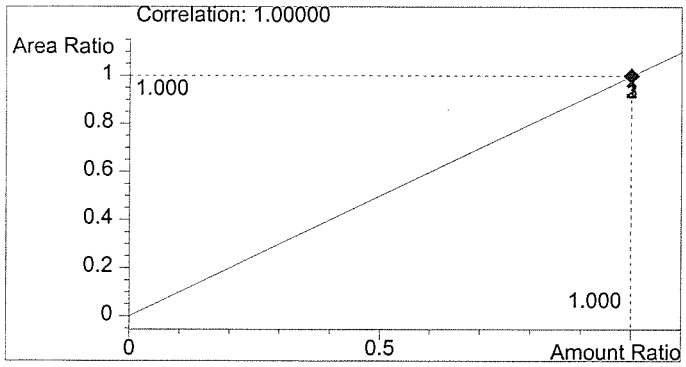


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3198	1.845

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Calibration Table

Calib. Data Modified : Wednesday, November 27, 2002 11:04:35 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.040 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.040 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

ISTD #	ISTD Amount [ng/ul]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.056	1	1	7.90000e-2	1161.00940	6.80442e-5	1		Ethanol
		2	1.58000e-1	2289.12720	6.90219e-5			
		3	3.16000e-1	4597.67529	6.87304e-5			
1.844	1	1	1.00000	3185.82227	3.13891e-4	I1		n-Propanol
		2	1.00000	3178.39404	3.14624e-4			
		3	1.00000	3192.59619	3.13225e-4			

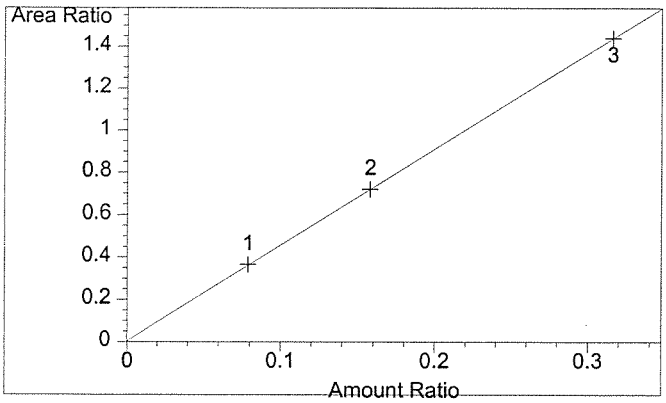
Peak Sum Table

No Entries in table

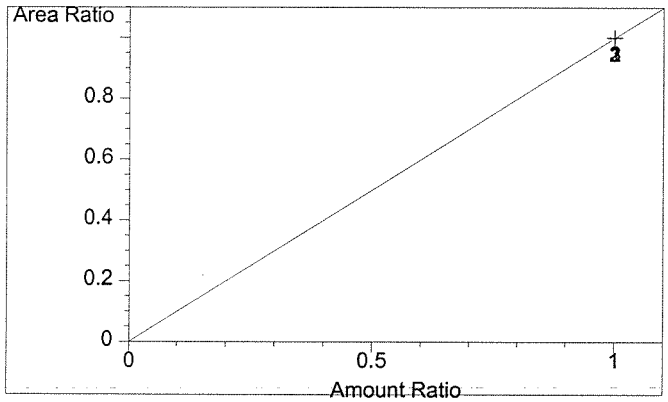
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.056
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00255
Formula: y = mx + b
m: 4.55258
b: 1.79393e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.844
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

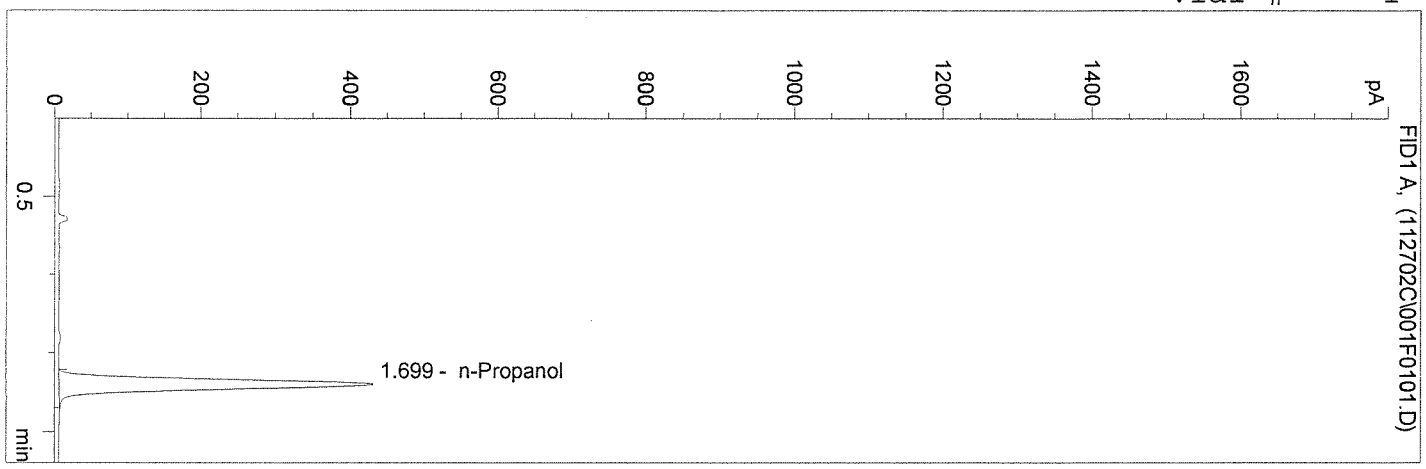
==========

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/27/02 10:53:28 AM
Instrument 1
DB-ALC1

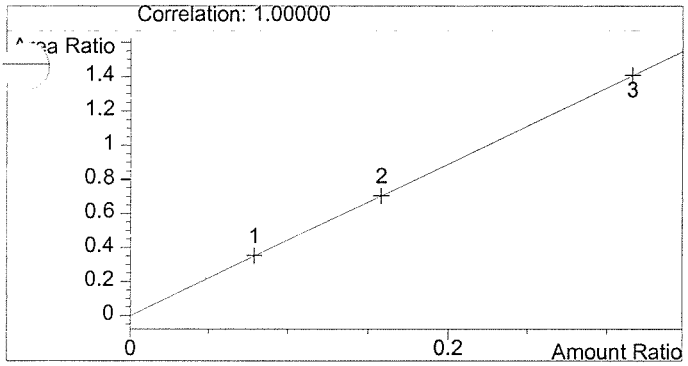
BLANK
ED FORMOSO

vial # 1

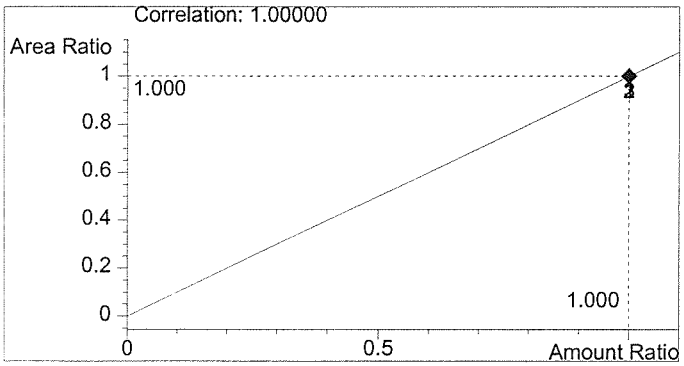


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1806	1.699

Totals:



Ethanol 0.000 g/100ml



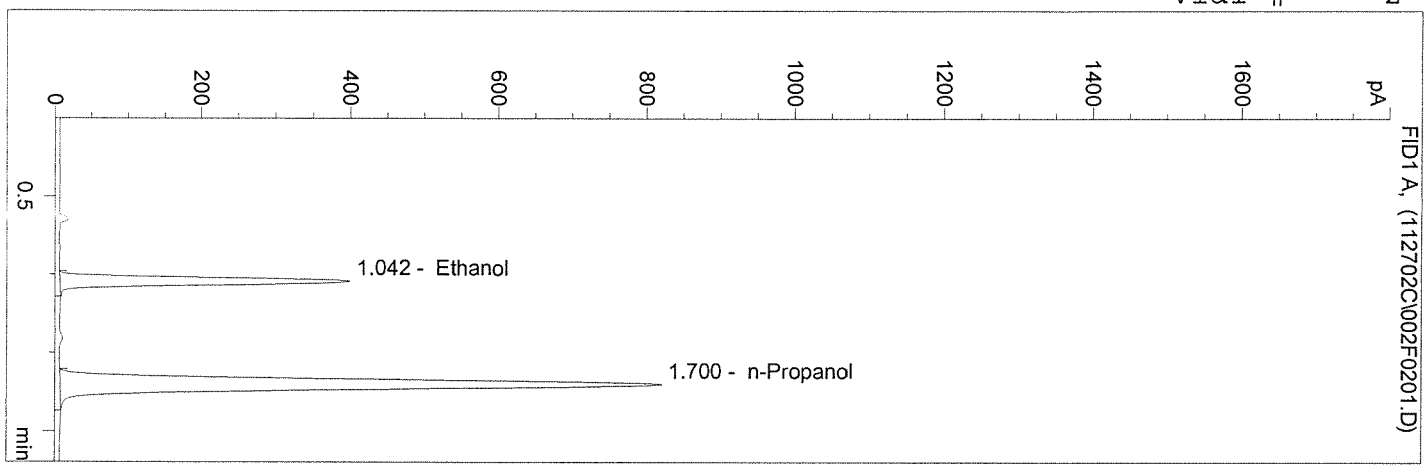
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/27/02 10:56:30 AM
Instrument 1
DB-ALC1

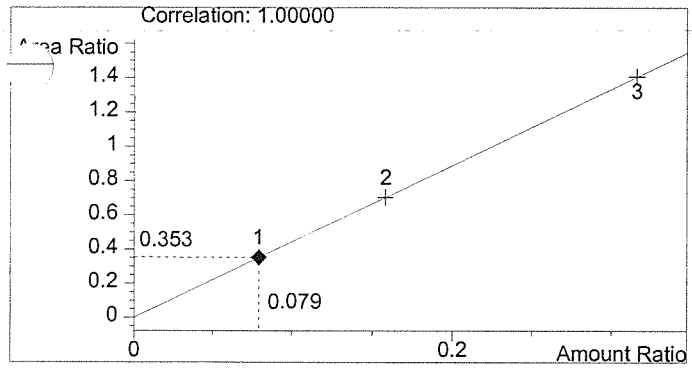
0.079 CAL
ED FORMOSO

vial # 2

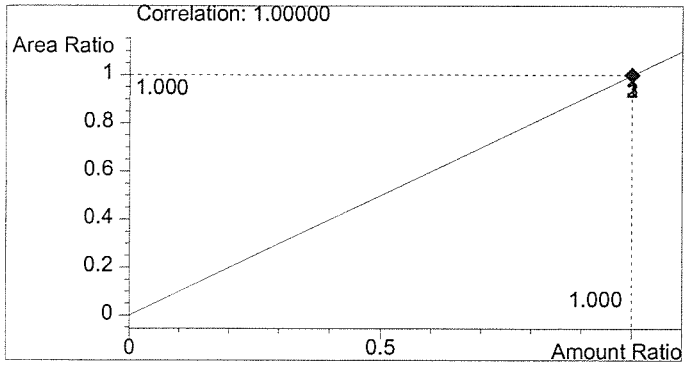


#	Compound	Area	RT
1	Ethanol	1230	1.042
2	n-Propanol	3482	1.700

Totals:



Ethanol 0.079 g/100ml



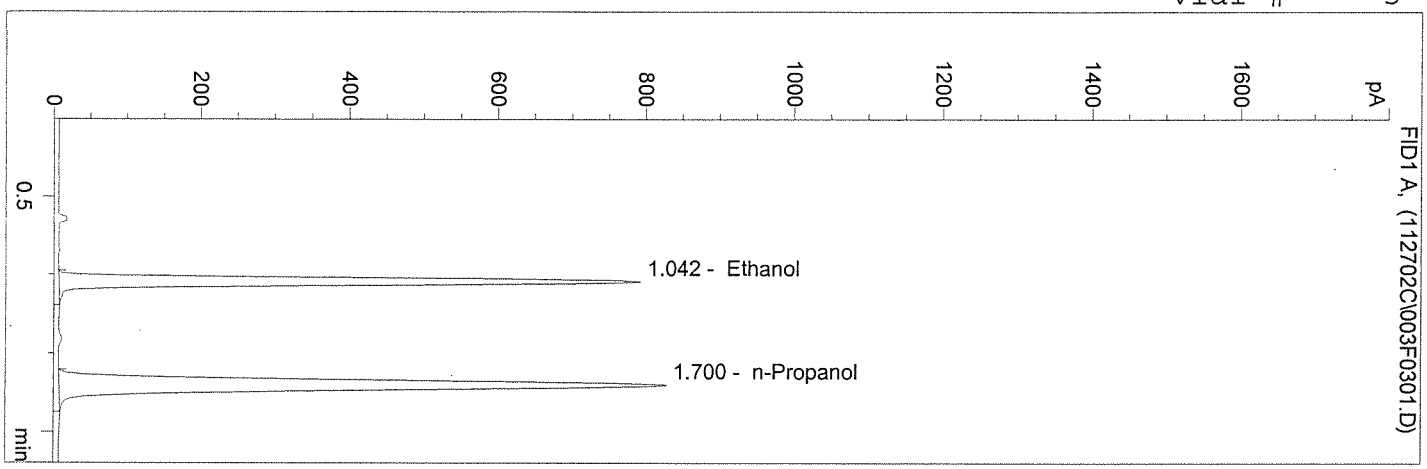
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/27/02 10:59:32 AM
Instrument 1
DB-ALC1

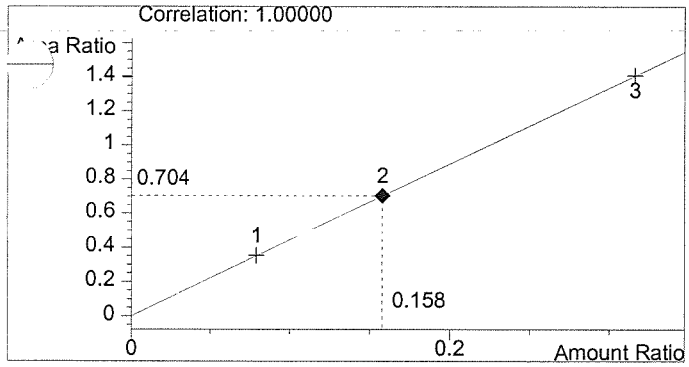
0.158 CAL
ED FORMOSO

vial # 3

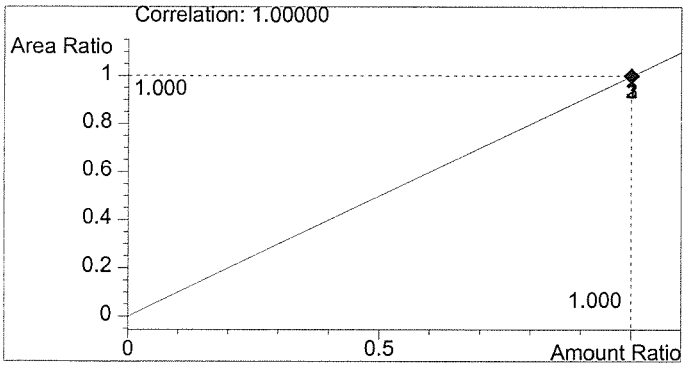


#	Compound	Area	RT
1	Ethanol	2466	1.042
2	n-Propanol	3503	1.700

Totals:



Ethanol 0.158 g/100ml



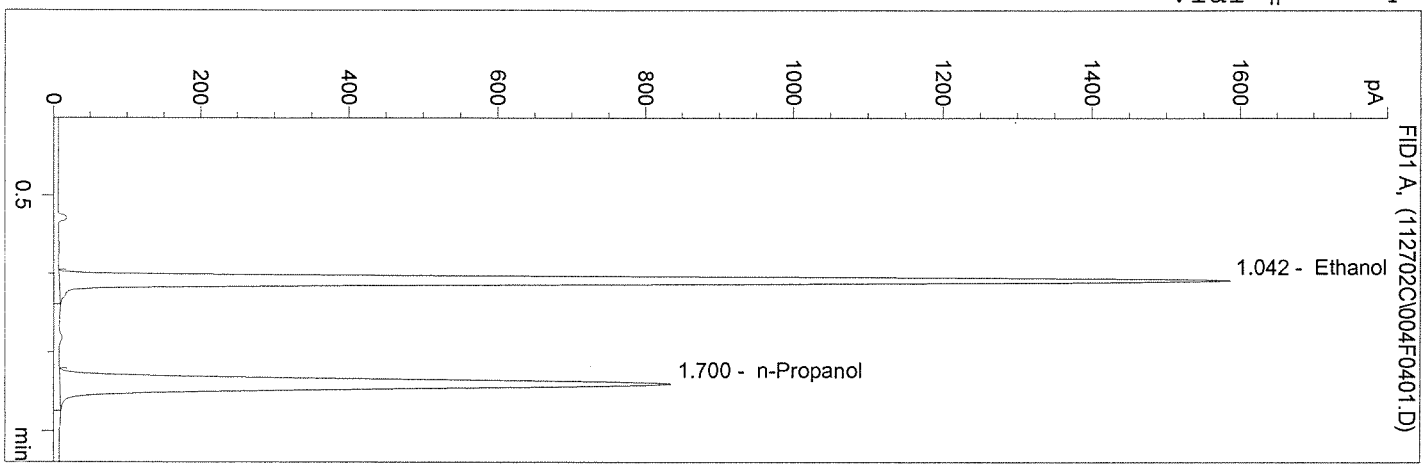
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/27/02 11:02:34 AM
Instrument 1
DB-ALC1

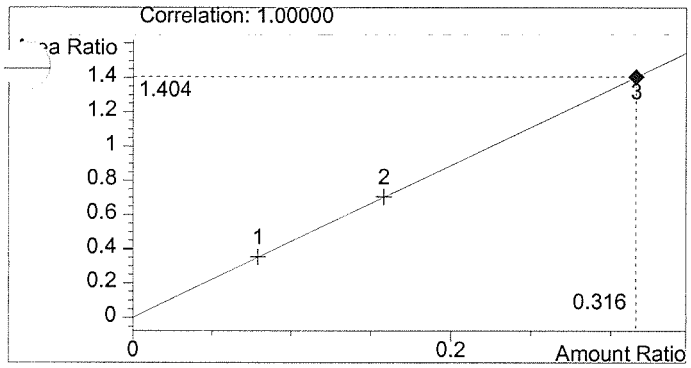
0.316 CAL
ED FORMOSO

vial # 4

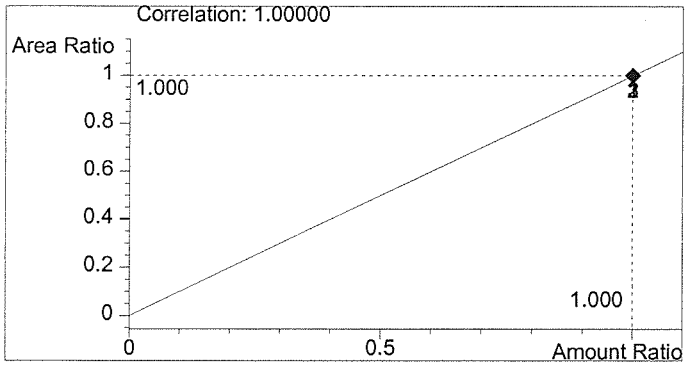


#	Compound	Area	RT
1	Ethanol	4957	1.042
2	n-Propanol	3530	1.700

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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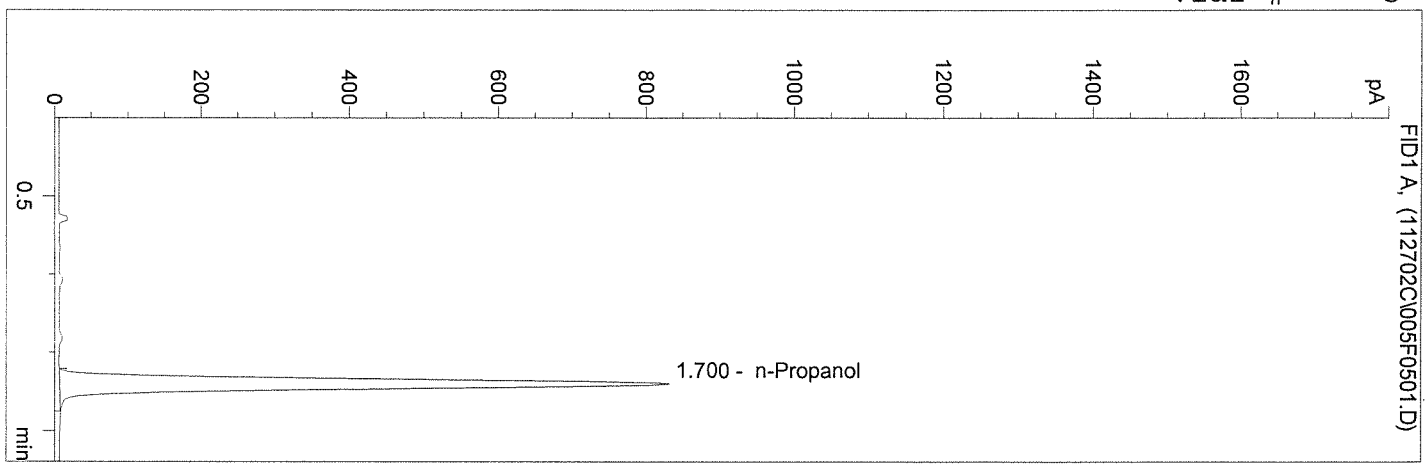
11/27/02 11:06:10 AM
Instrument 1
DB-ALC1

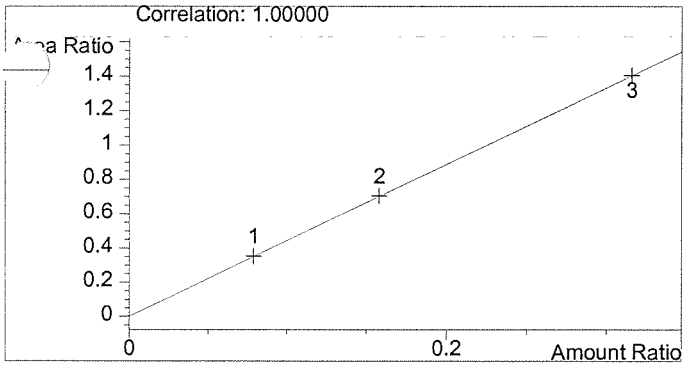
BLANK
ED FORMOSO

vial # 5

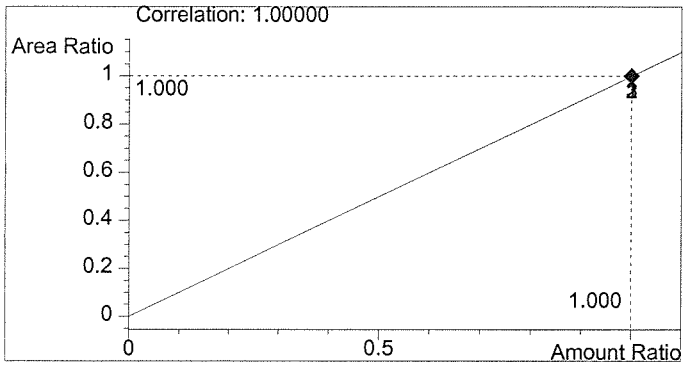


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3519	1.700

Totals:



Ethanol 0.000 g/100ml



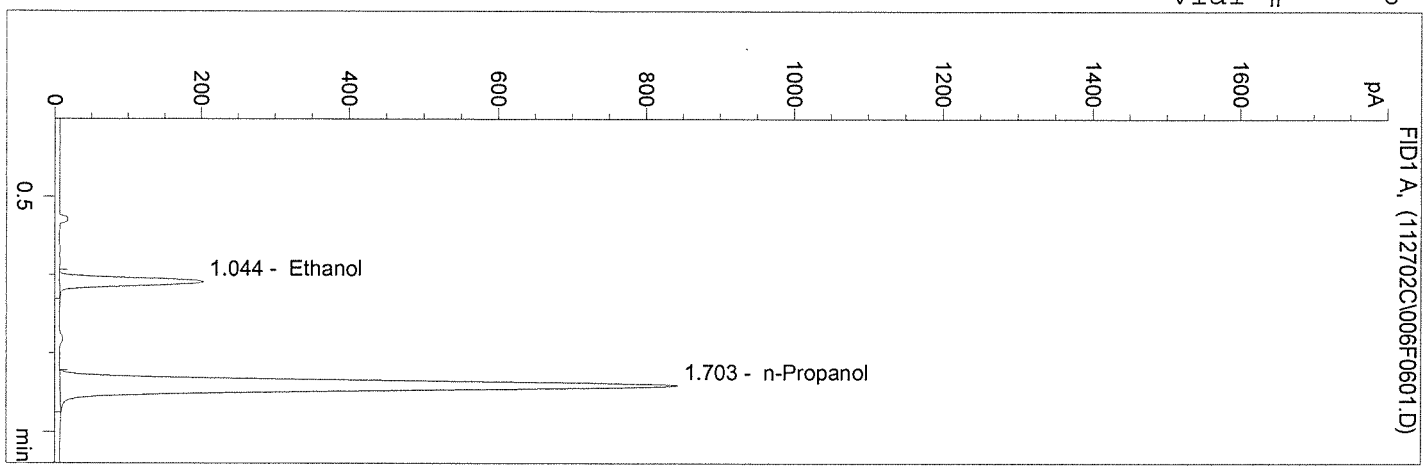
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/27/02 11:09:12 AM
Instrument 1
DB-ALC1

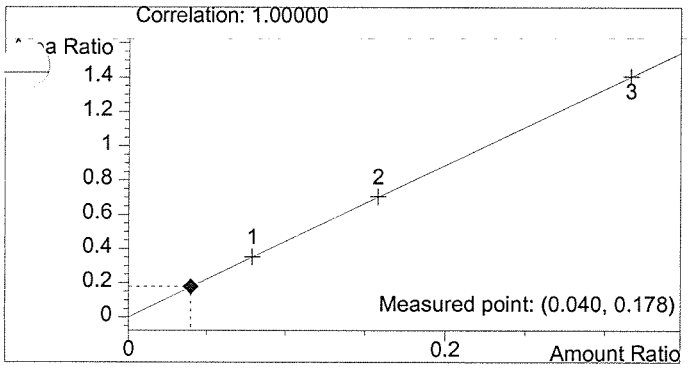
0.04 CAP
ED FORMOSO

vial # 6

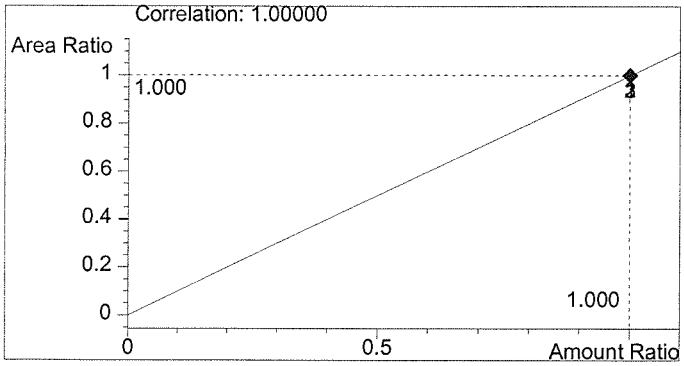


#	Compound	Area	RT
1	Ethanol	645	1.044
2	n-Propanol	3620	1.703

Totals:



Ethanol 0.040 g/100ml



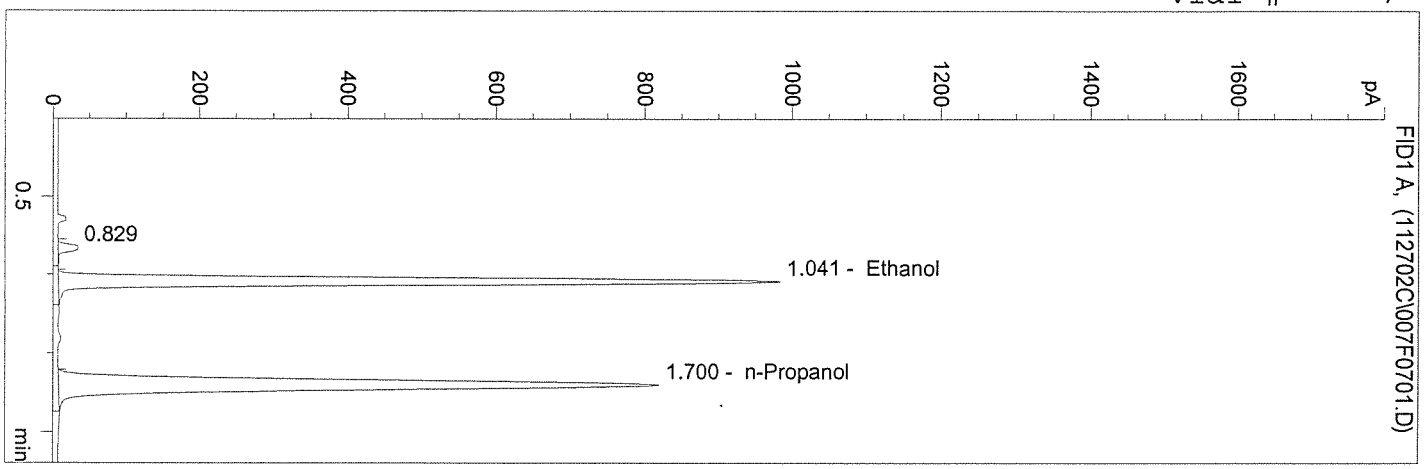
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/27/02 11:12:14 AM
Instrument 1
DR-ALC1

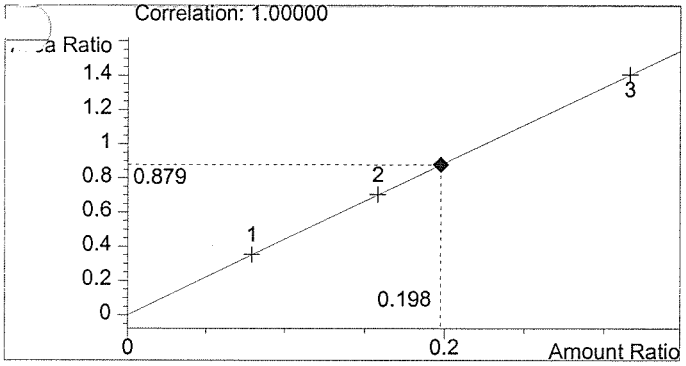
0.20 CONTROL
ED FORMOSO

vial # 7

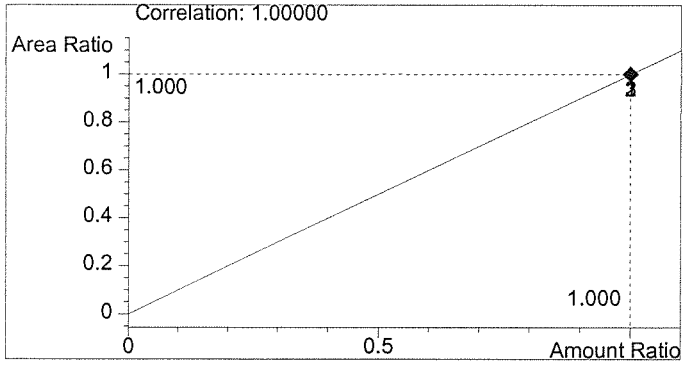


#	Compound	Area	RT
1		89	0.829
2	Ethanol	3029	1.041
3	n-Propanol	3446	1.700

Totals:



Ethanol 0.198 g/100ml



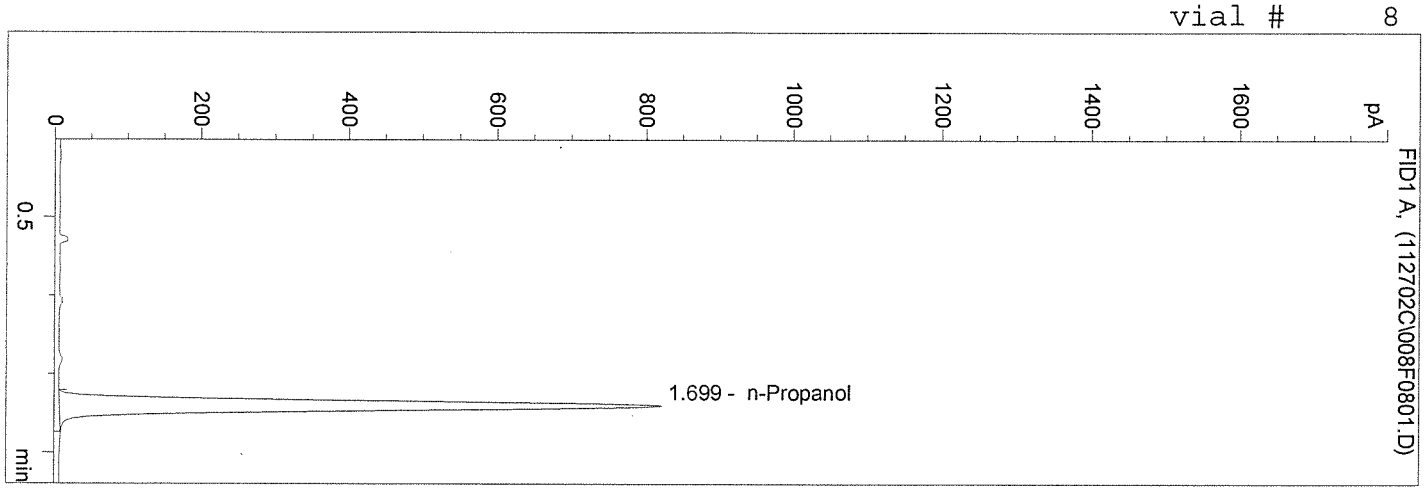
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/27/02 11:15:16 AM
Instrument 1
DB-ALC1

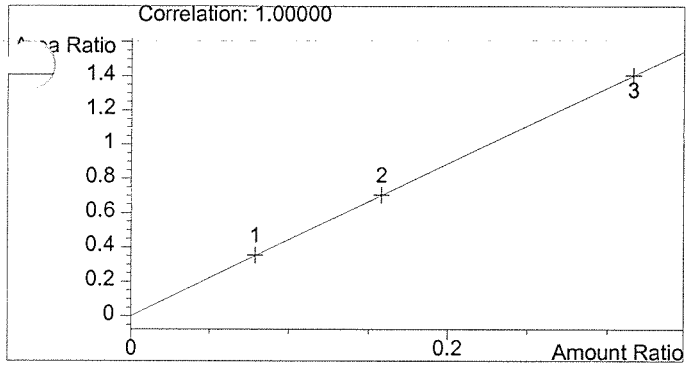
BLANK
ED FORMOSO

vial # 8

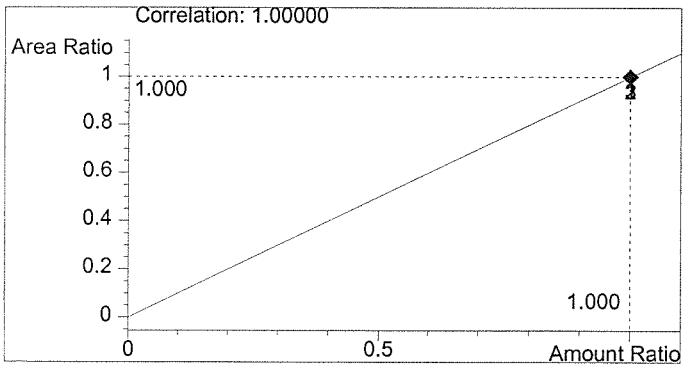


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3449	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml