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 **02030** Date: 8/12/2002

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

External Control:

Lot #: a021986 Exp date: 01/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1012 g/100 mL

SD: 0.00090

Range (3xSD): 0.0985 to 0.1039

Precision CV (%): 0.8935 %

Equivalent vapor concent.: 0.0823 g/210L

Analyst	Name	Signature	Date
1	Estuardo J. Miranda		08/12/02
2	Edward Formoso		08/13/02
3	Jayne E. Thatcher		08/13/02
4	Ruth Luthi		08/14/02
5	Eugene Schwilke		08/15/02
6	William P Marshall		08/19/02
7	Melissa Pemberton		08/20/02
8	Ann Marie Gordon		08/21/02
9	Naziha Nuwayhid, PhD		09/10/02
10			
11			
12			

Prepared by: Estuardo J. Miranda according to the approved protocol

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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 02030 was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Edward J. Formoso, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the simulator solutions for the BAC Verifier Data Master breath test instrument.

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

The simulator solution, Lot Number 02030, was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFSIMSOL

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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 02030, was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
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, 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 02030, was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Eugene W. Schwilke, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the simulator solutions for the BAC Verifier Data Master breath test instrument.

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

The Simulator Solution, Lot Number 02030, was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
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, 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 02030, was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/nf
WMSIMSOL

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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 02030, was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPSIMSOL

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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 02030, was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/nf
AGSIMSOL

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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 02030, was prepared in the Washington State Toxicology Laboratory on 8/12/02. 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 8/12/03.

Dated: 9/10/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNSIMSOL

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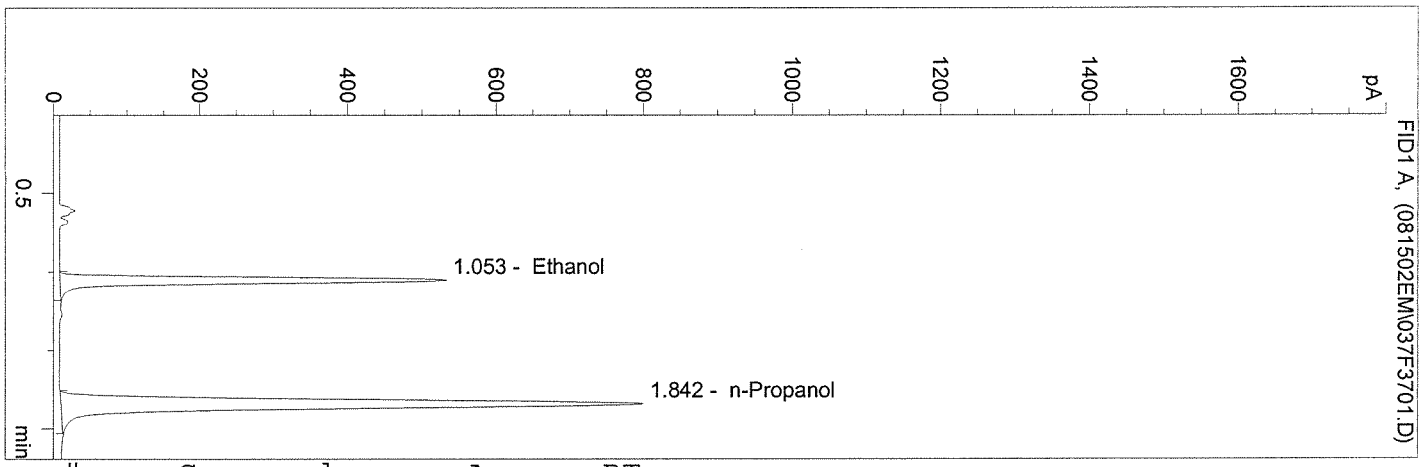
C:\HPCHEM\2\METHODS\BLDALCO2.M
8/15/02 3:55:09 PM
Instrument 2
DB-ALC1

Cal 024784

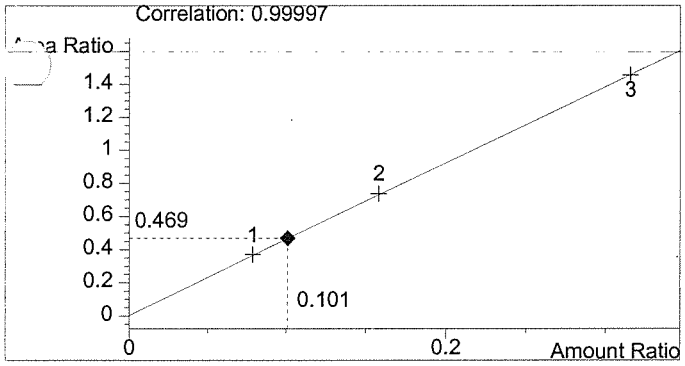
02030 Sim. GS
Estuardo J. Miranda

vial # 37

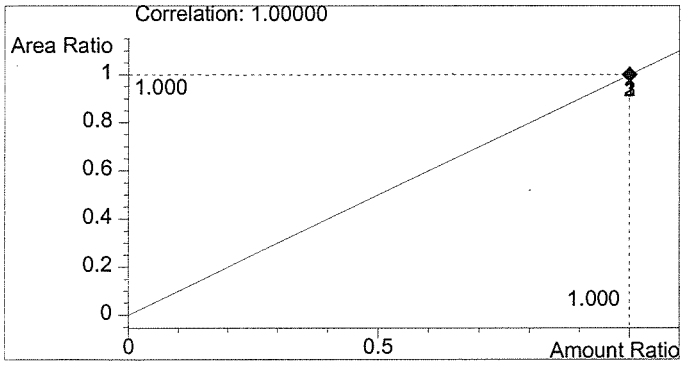


#	Compound	Area	RT
1	Ethanol	1439	1.053
2	n-Propanol	3067	1.842

Totals:



Ethanol 0.101 g/100ml



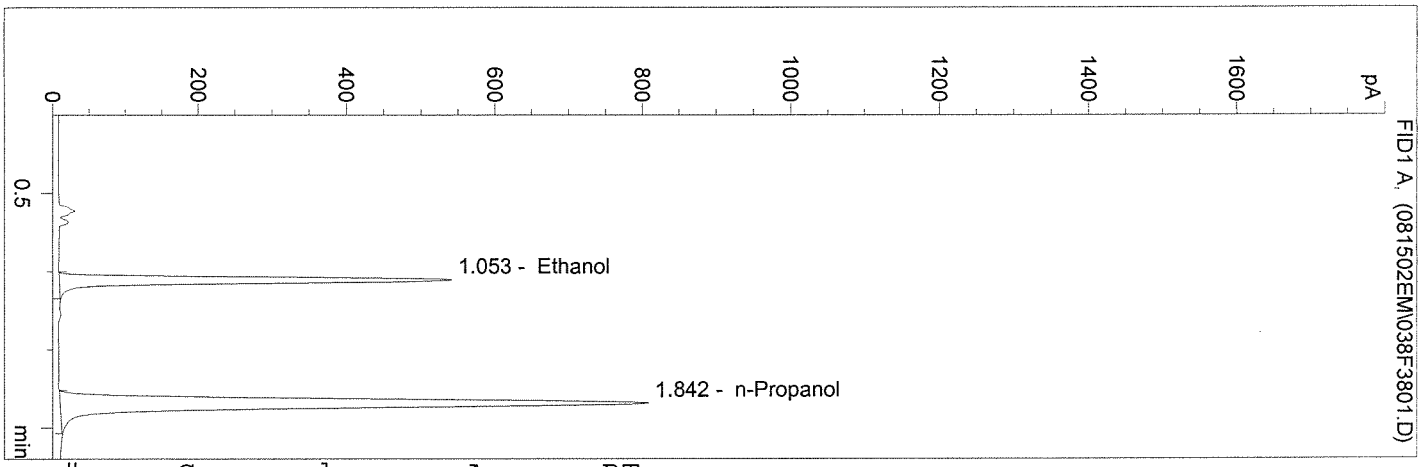
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/15/02 3:58:10 PM
Instrument 2
DB-ALC1

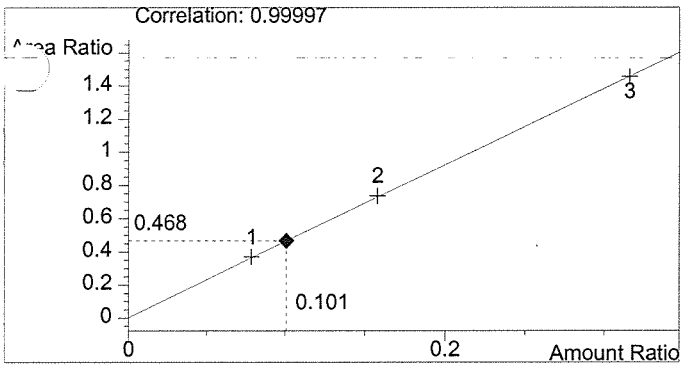
02030 Sim. GS
Estuardo J. Miranda

vial # 38

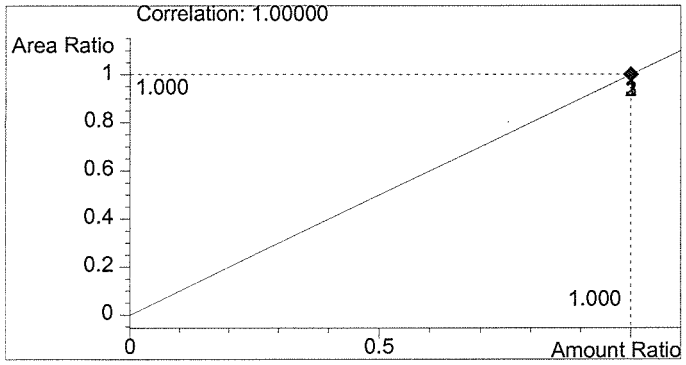


#	Compound	Area	RT
1	Ethanol	1452	1.053
2	n-Propanol	3102	1.842

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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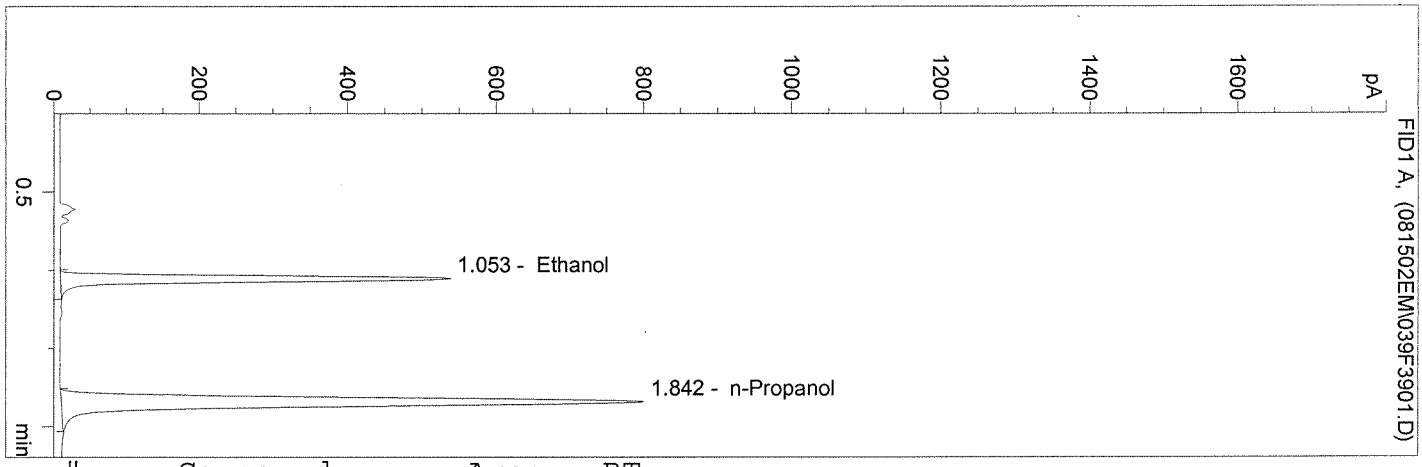
Instrument 2
DB-ALC1

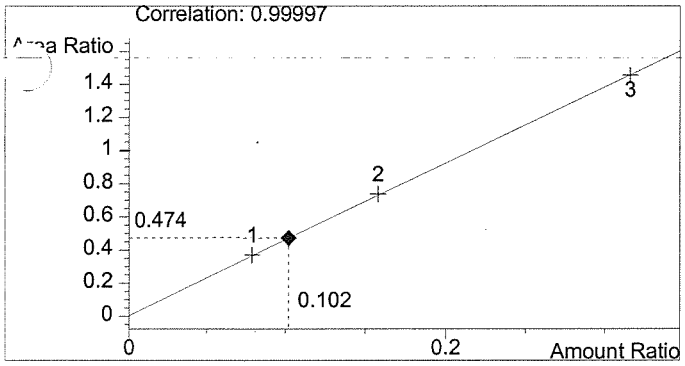
02030 Sim. GS
Estuardo J. Miranda

vial # 39

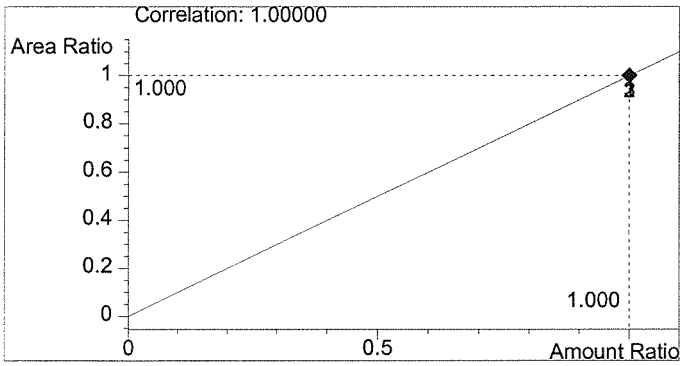


#	Compound	Area	RT
1	Ethanol	1455	1.053
2	n-Propanol	3070	1.842

Totals:



Ethanol 0.102 g/100ml



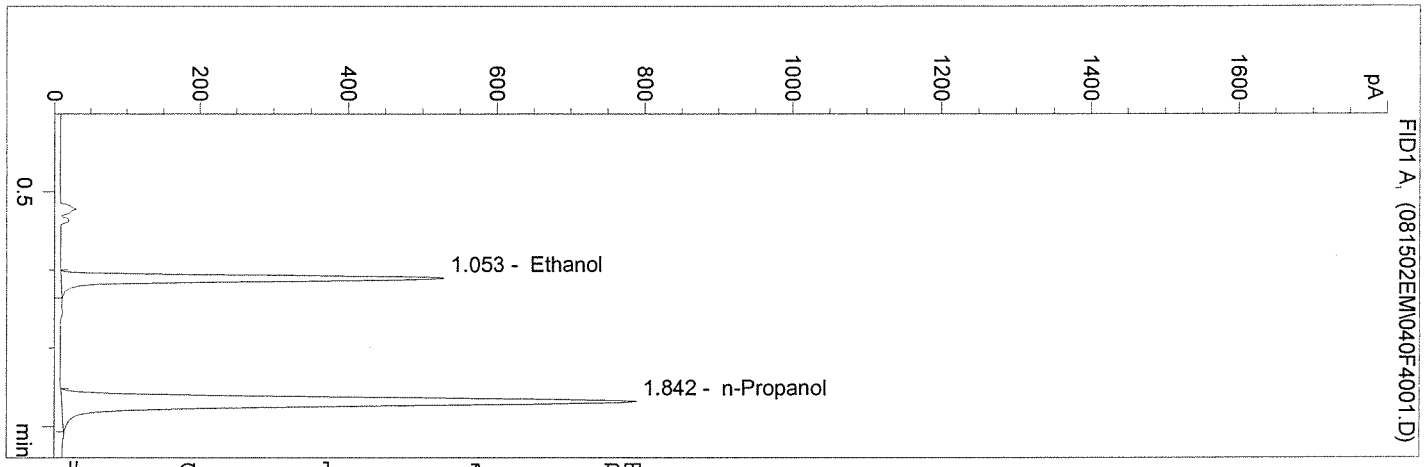
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/15/02 4:04:14 PM
Instrument 2
DB-ALC1

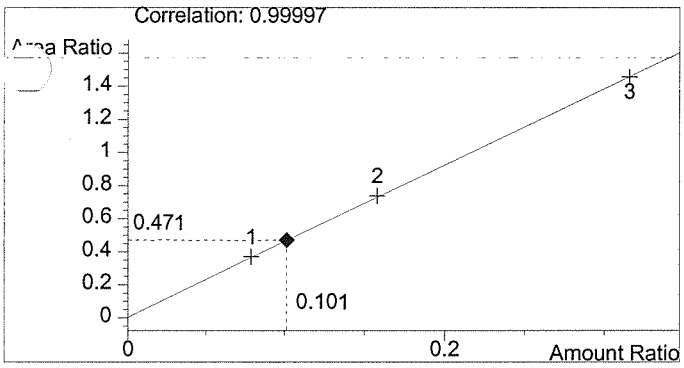
02030 Sim. GS
Estuardo J. Miranda

vial # 40

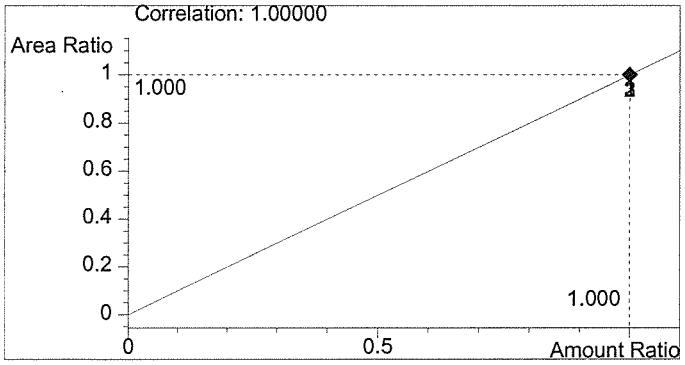


#	Compound	Area	RT
1	Ethanol	1428	1.053
2	n-Propanol	3033	1.842

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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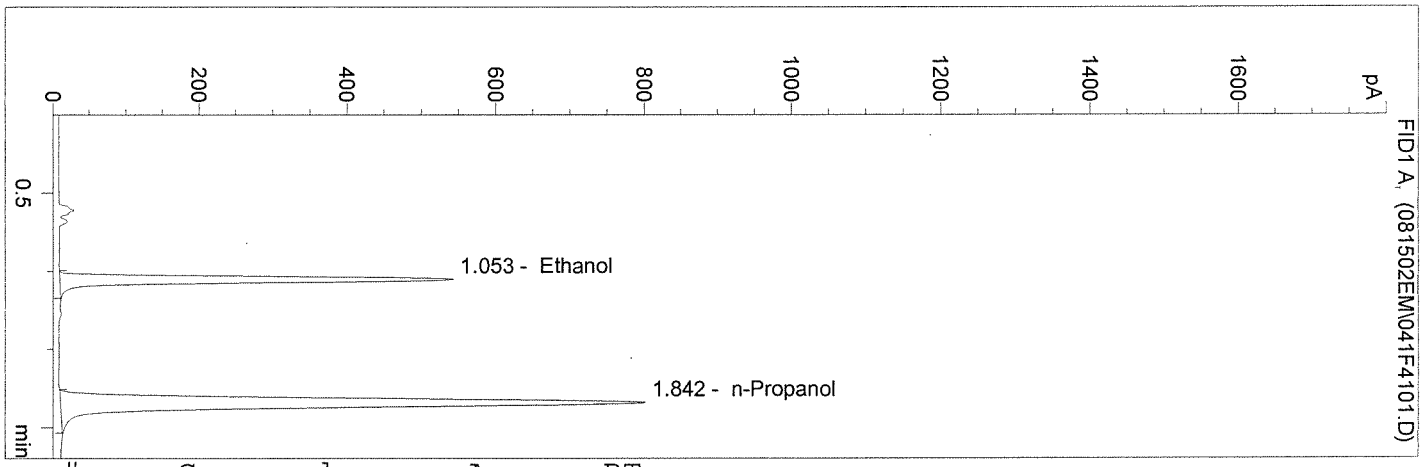
C:\HPCHEM\2\METHODS\BLDALCO2.M
8/15/02 4:07:16 PM
Instrument 2
DB-ALC1

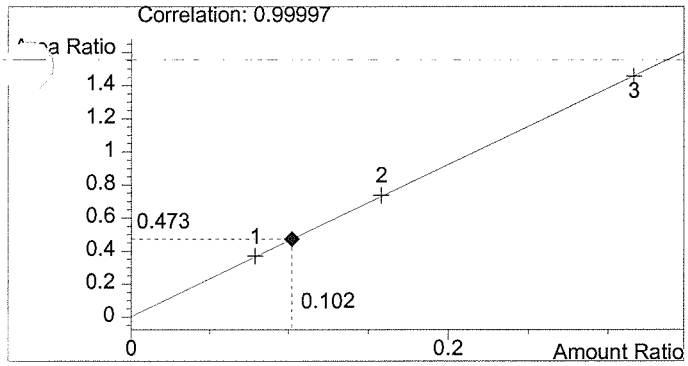
02030 Sim. GS
Estuardo J. Miranda

vial # 41

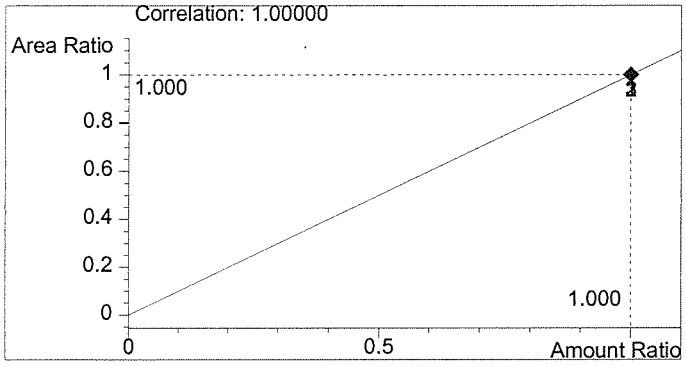


#	Compound	Area	RT
1	Ethanol	1459	1.053
2	n-Propanol	3083	1.842

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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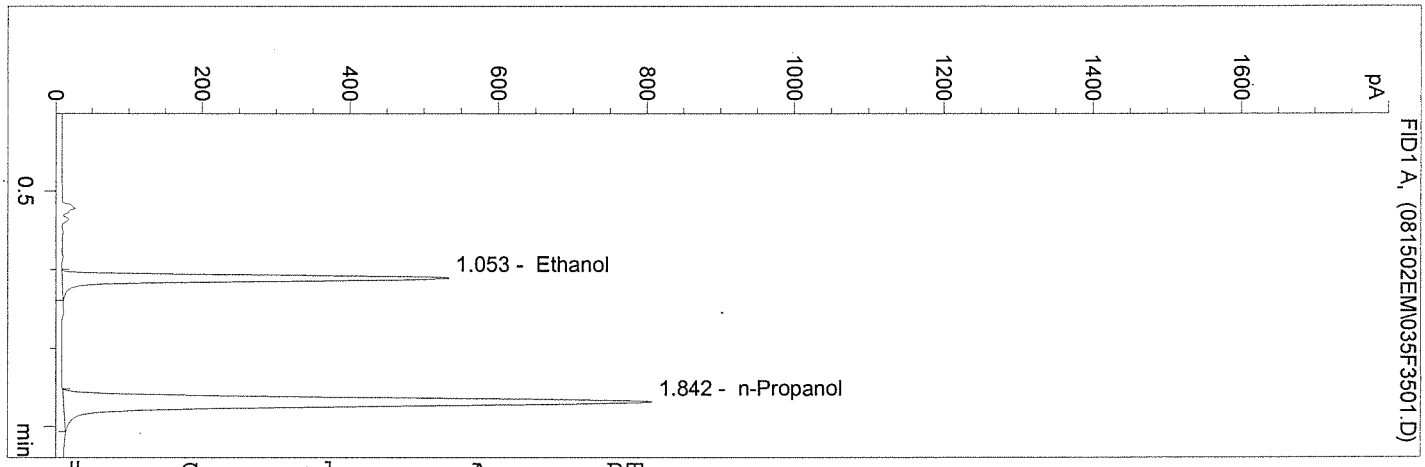
C:\HPCHEM\2\METHODS\BLDALCO2.M
8/15/02 3:49:05 PM
Instrument 2
DB-ALC1

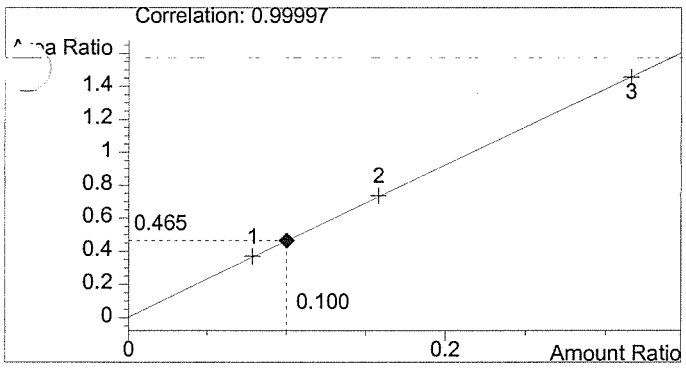
0.100 Control
Estuardo J. Miranda

vial # 35

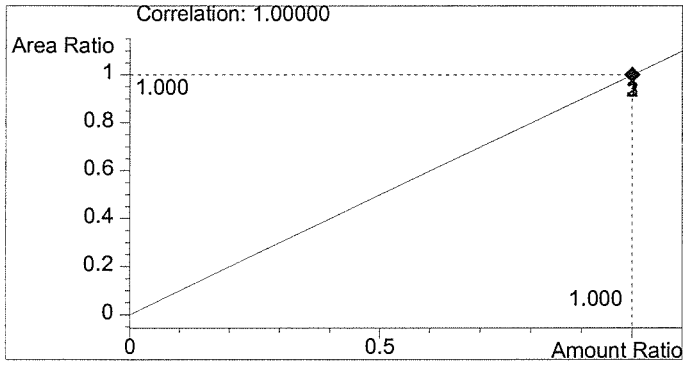


#	Compound	Area	RT
1	Ethanol	1439	1.053
2	n-Propanol	3093	1.842

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DB-ALC1

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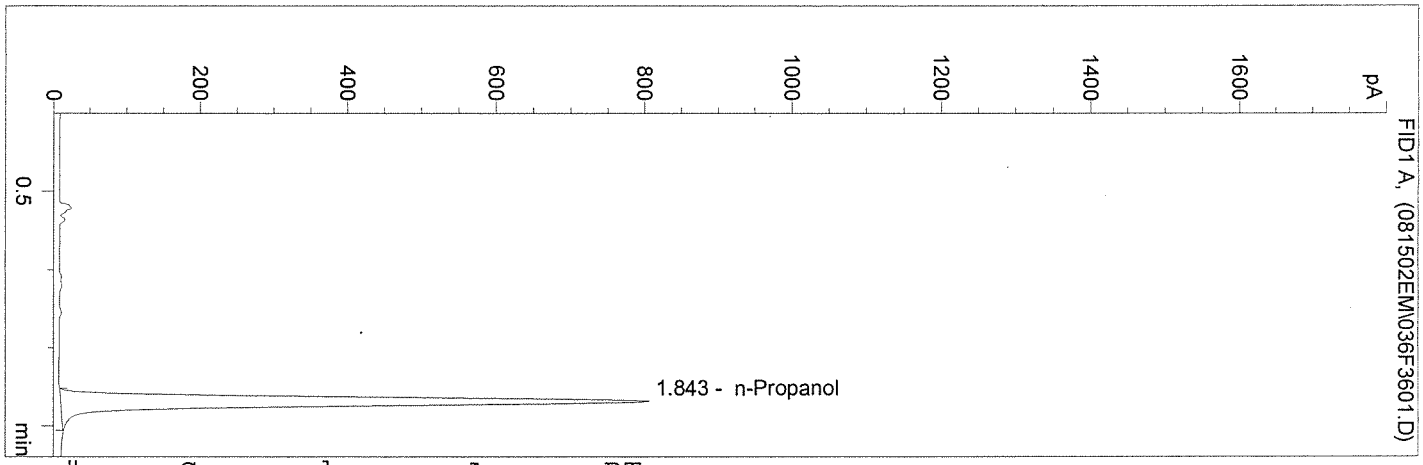
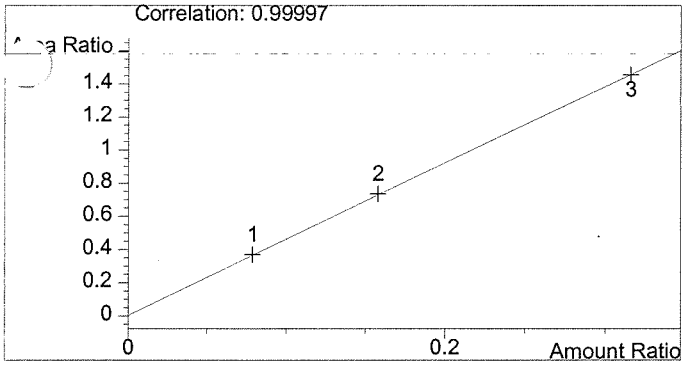
Estuardo J. Miranda

vial # 36

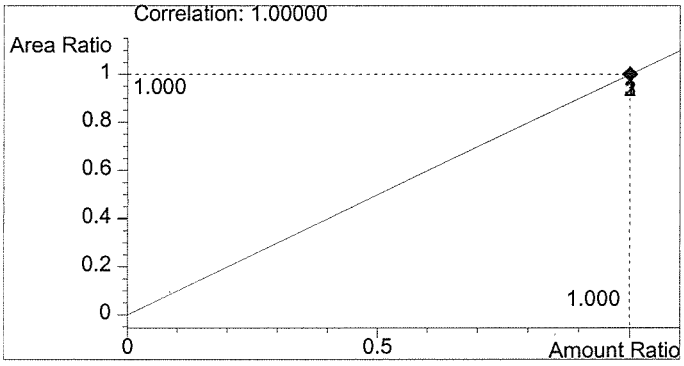


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3083	1.843

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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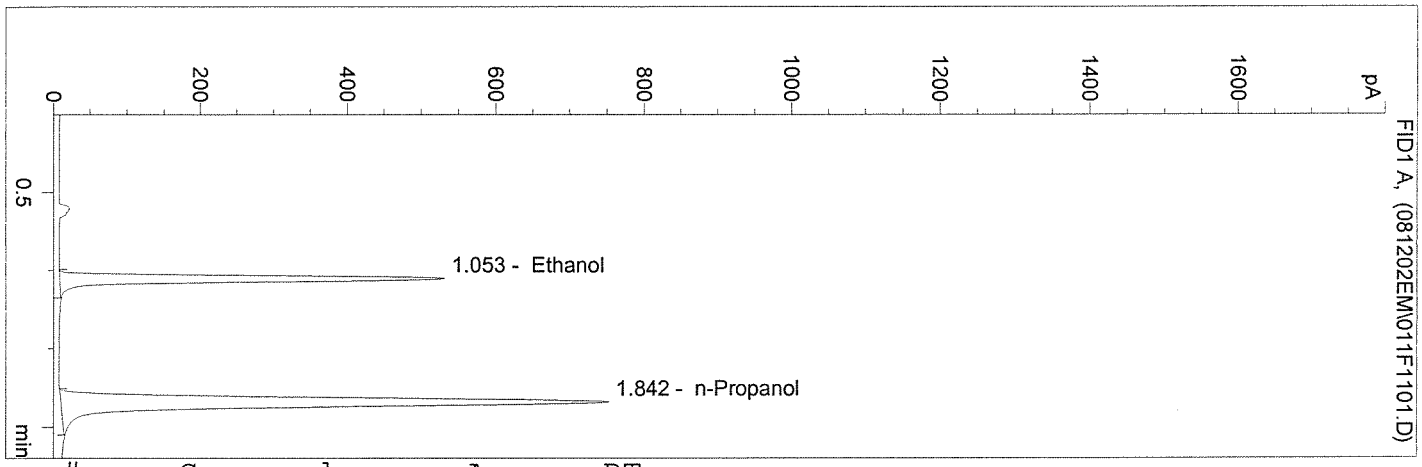
C:\HPCHEM\2\METHODS\BLDALCO2.M
8/12/02 1:04:10 PM
Instrument 2
DB-ALC1

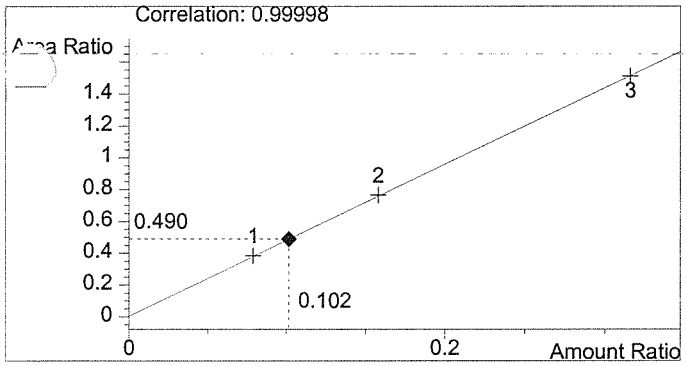
Sim. Sol. 02030
Estuardo J. Miranda

vial # 11

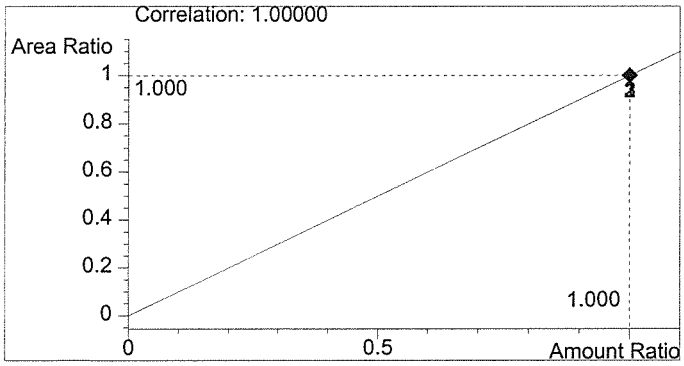


#	Compound	Area	RT
1	Ethanol	1446	1.053
2	n-Propanol	2949	1.842

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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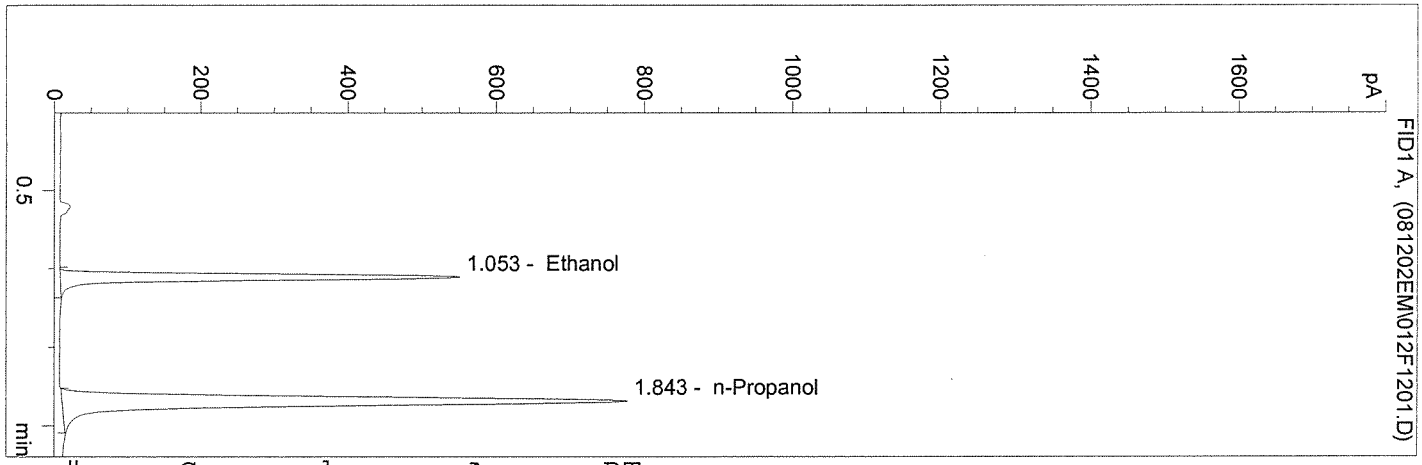
8/12/02 1:07:13 PM
Instrument 2
DB-ALC1

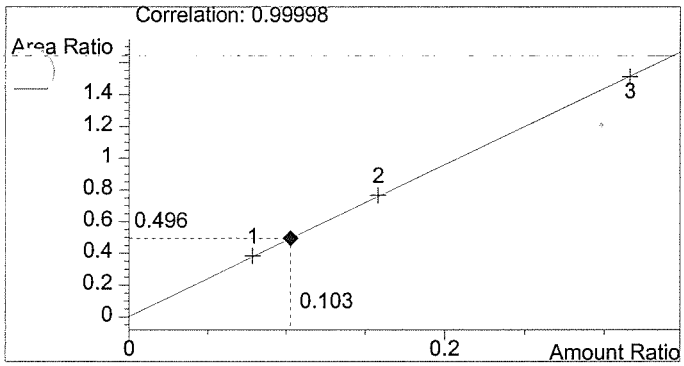
Sim. Sol. 02030
Estuardo J. Miranda

vial # 12

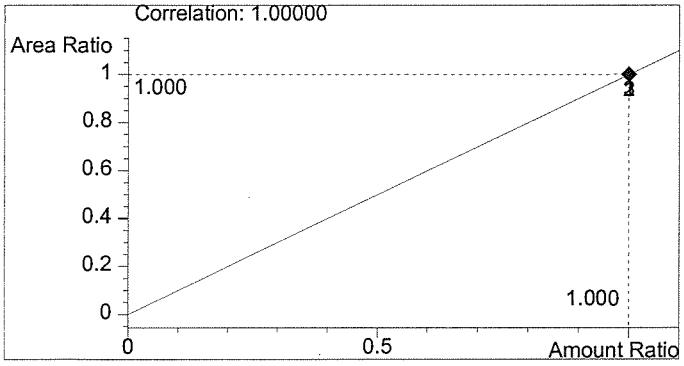


#	Compound	Area	RT
1	Ethanol	1504	1.053
2	n-Propanol	3035	1.843

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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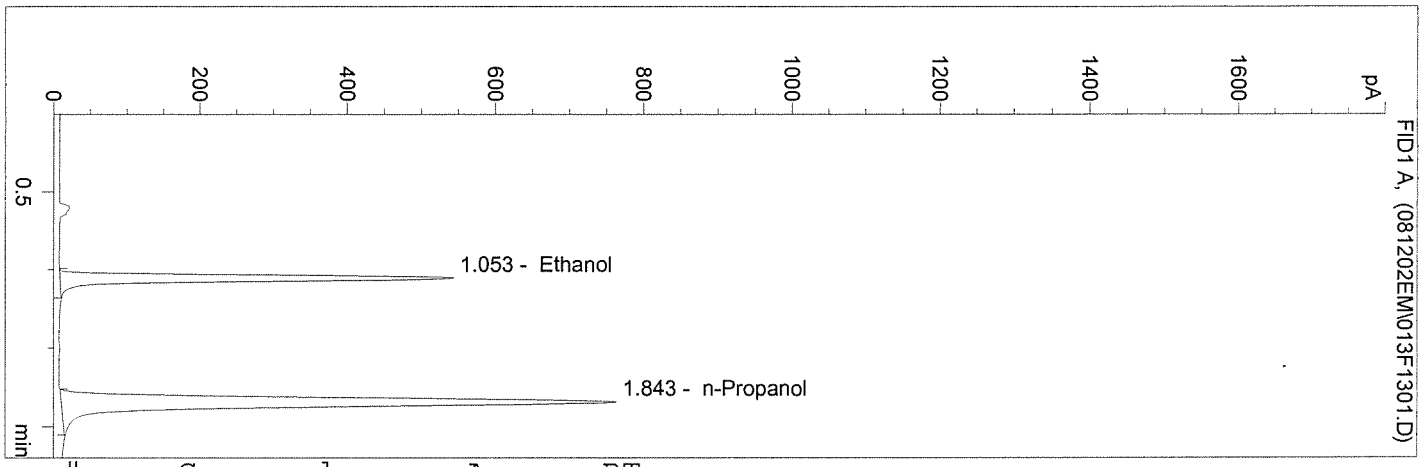
8/12/02 1:10:25 PM
Instrument 2
DB-ALC1

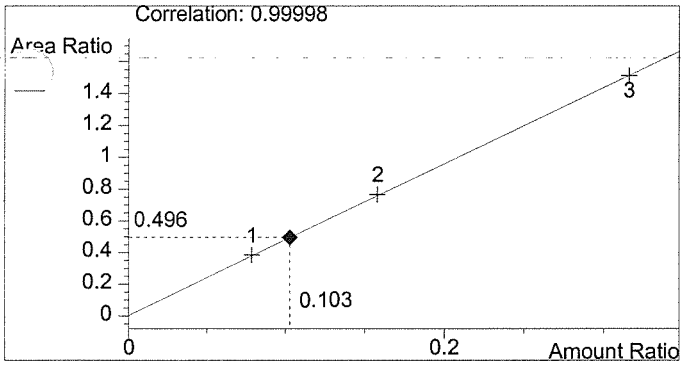
Sim. Sol. 02030
Estuardo J. Miranda

vial # 13

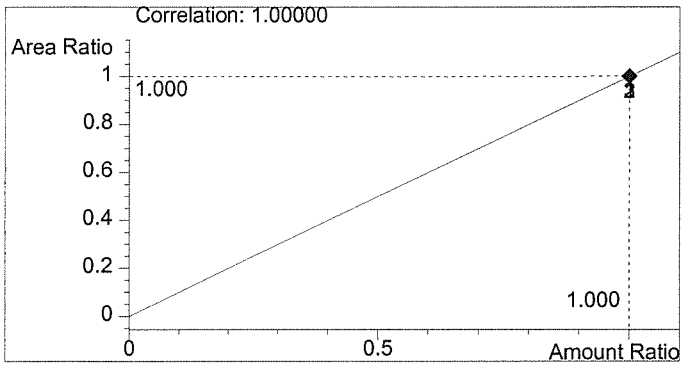


#	Compound	Area	RT
1	Ethanol	1479	1.053
2	n-Propanol	2982	1.843

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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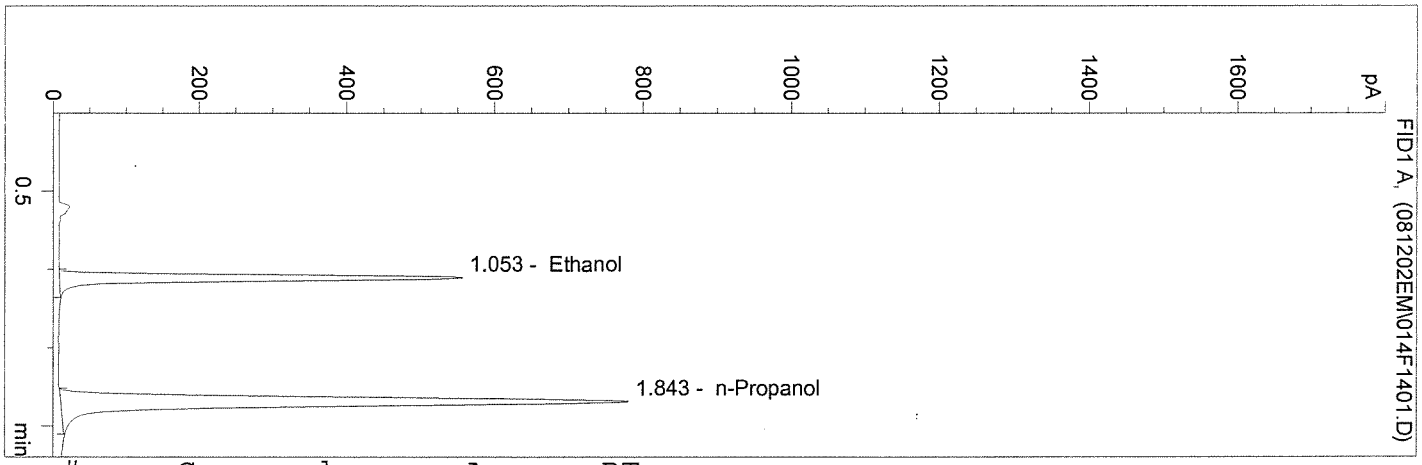
8/12/02 1:13:27 PM
Instrument 2
DB-ALC1

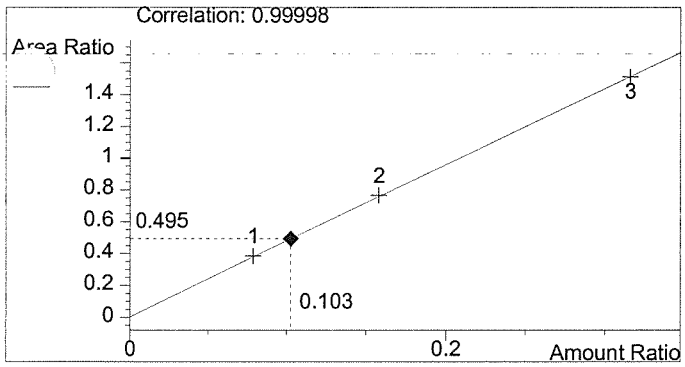
Sim. Sol. 02030
Estuardo J. Miranda

vial # 14

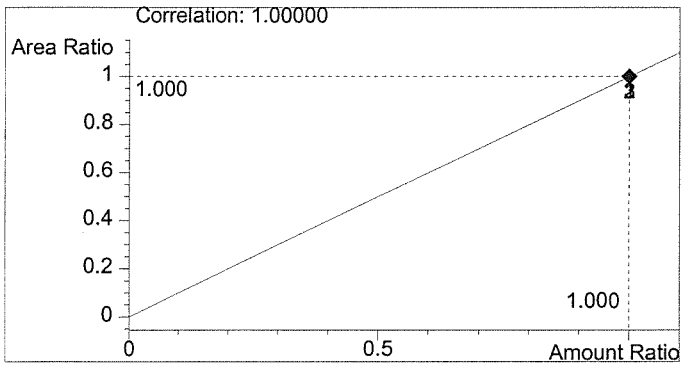


#	Compound	Area	RT
1	Ethanol	1511	1.053
2	n-Propanol	3054	1.843

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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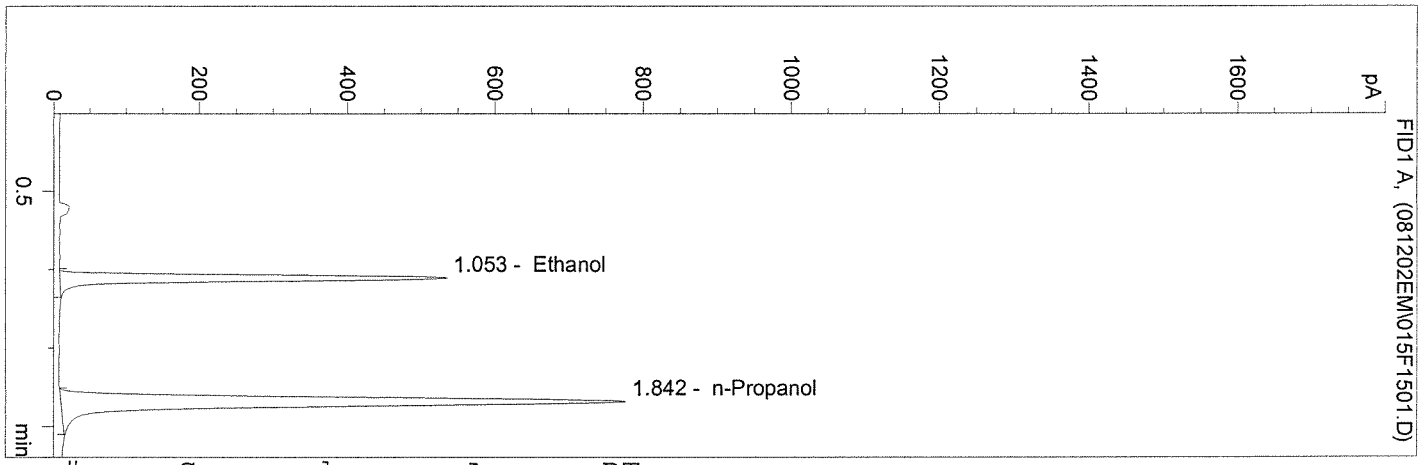
8/12/02 1:16:29 PM
Instrument 2
DB-ALC1

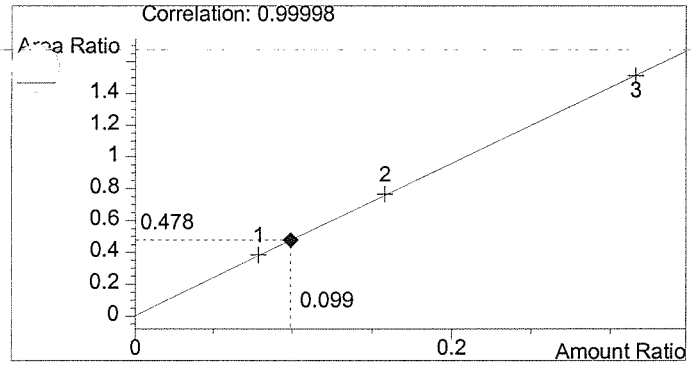
0.100 Control
Estuardo J. Miranda

vial # 15

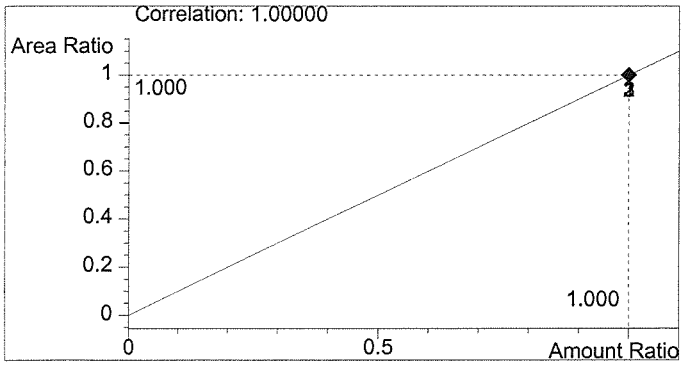


#	Compound	Area	RT
1	Ethanol	1454	1.053
2	n-Propanol	3046	1.842

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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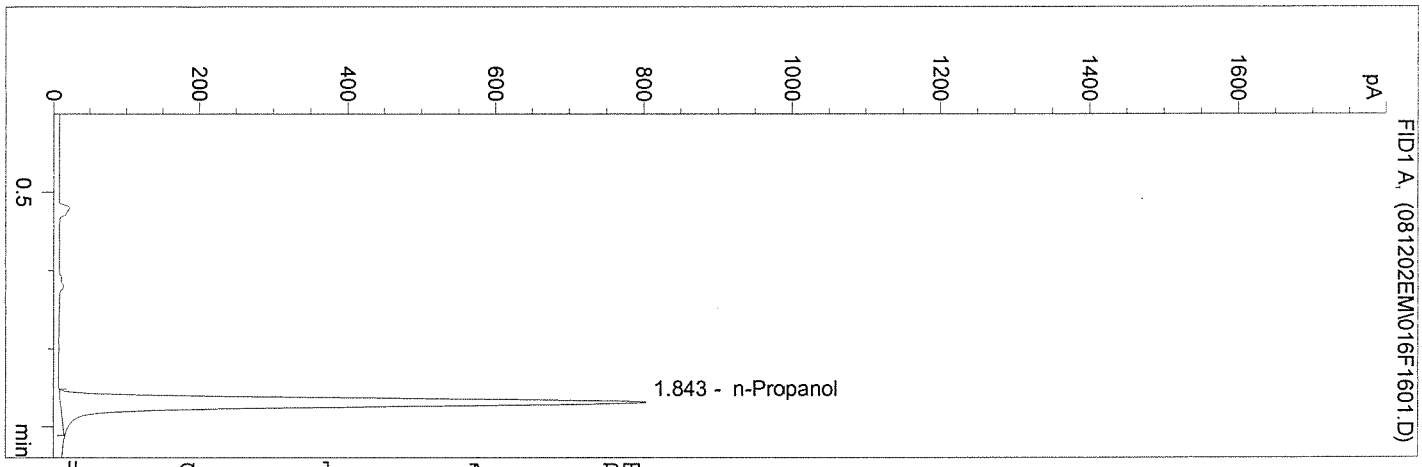
8/12/02 1:19:31 PM
Instrument 2
DB-ALC1

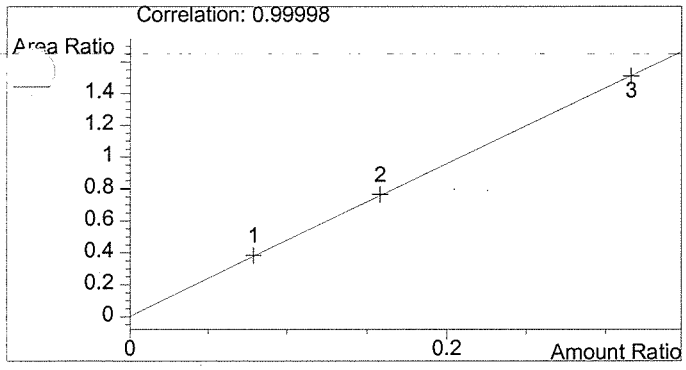
BLANK
Estuardo J. Miranda

vial # 16

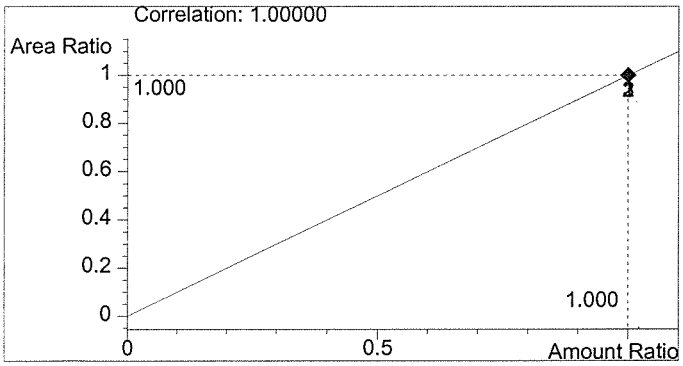


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3138	1.843

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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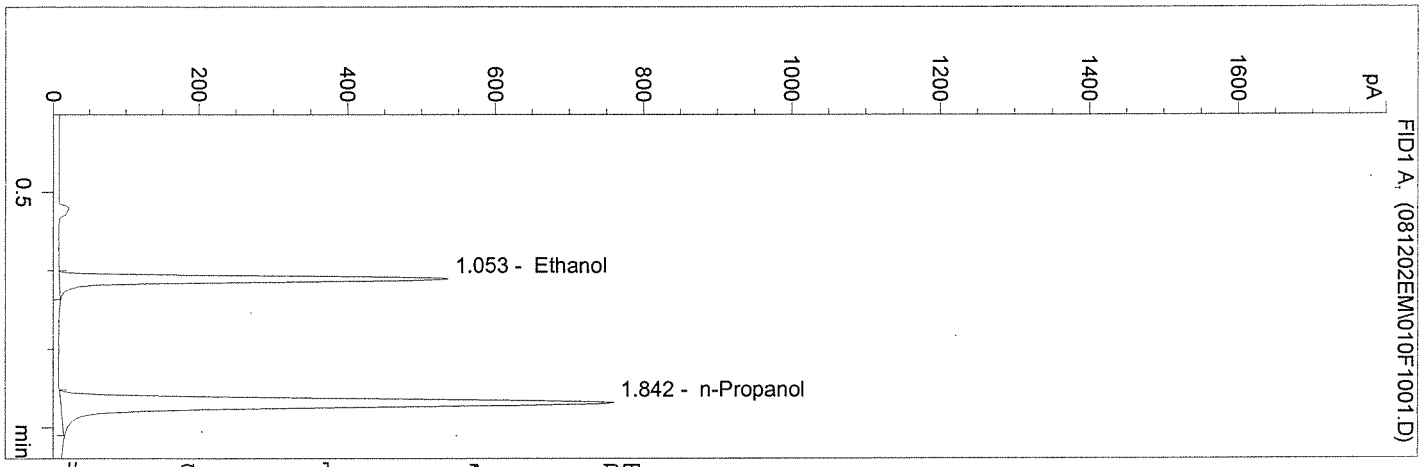
8/12/02 1:01:08 PM
Instrument 2
DB-ALC1

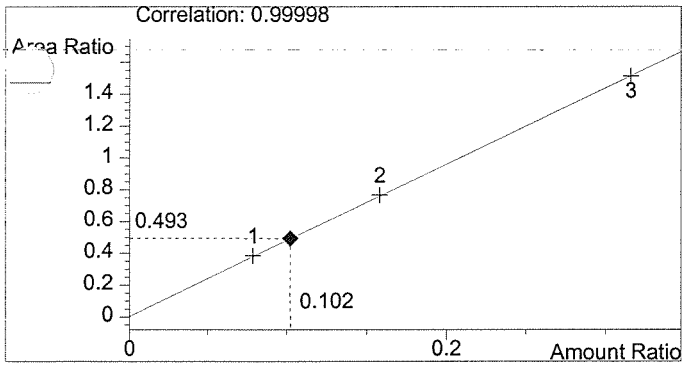
Sim. Sol. 02030
Estuardo J. Miranda

vial # 10

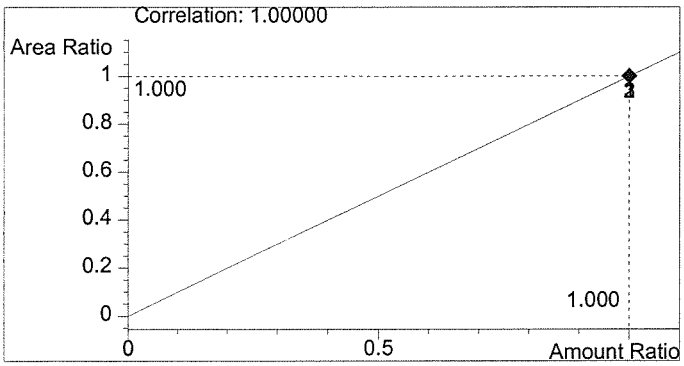


#	Compound	Area	RT
1	Ethanol	1464	1.053
2	n-Propanol	2971	1.842

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO2	1	Sample		
2	2	0.079 Calibrator	BLDALCO2	1	Calib		
3	3	0.158 Calibrator	BLDALCO2	1	Calib		
4	4	0.316 Calibrator	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Sample		
6	6	0.040 CAP	BLDALCO2	1	Ctrl Samp		
7	7	0.100 Control	BLDALCO2	1	Ctrl Samp		
8	8	0.200 Control	BLDALCO2	1	Ctrl Samp		
9	9	BLANK	BLDALCO2	1	Sample		
10	10	Sim. Sol. 02030	BLDALCO2	1	Sample		
11	11	Sim. Sol. 02030	BLDALCO2	1	Sample		
12	12	Sim. Sol. 02030	BLDALCO2	1	Sample		
13	13	Sim. Sol. 02030	BLDALCO2	1	Sample		
14	14	Sim. Sol. 02030	BLDALCO2	1	Sample		
15	15	0.100 Control	BLDALCO2	1	Ctrl Samp		
16	16	BLANK	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

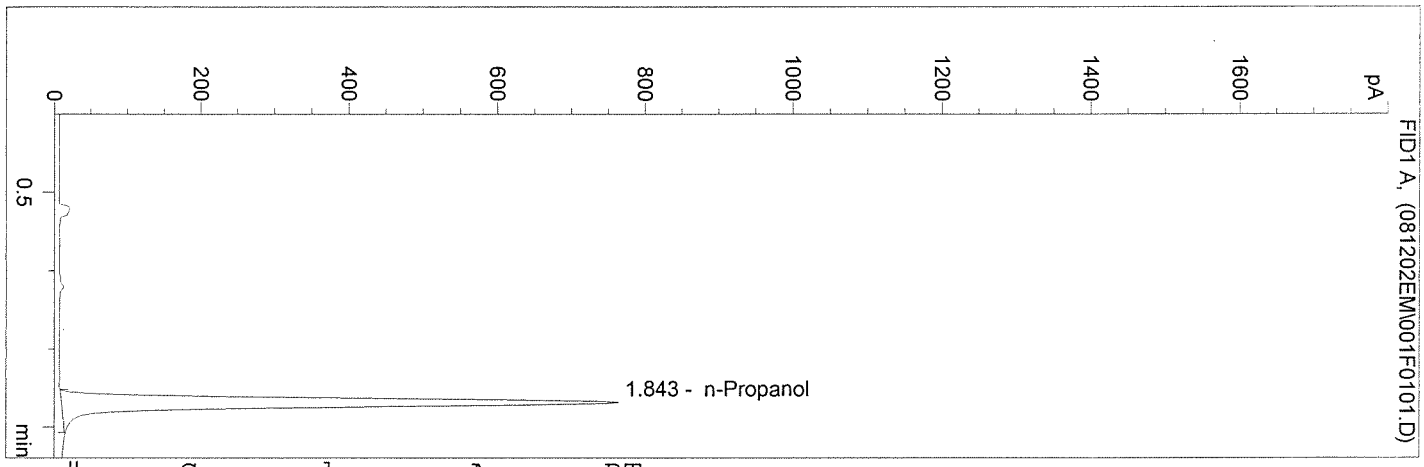
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/12/02 12:33:13 PM
Instrument 2
DB-ALC1

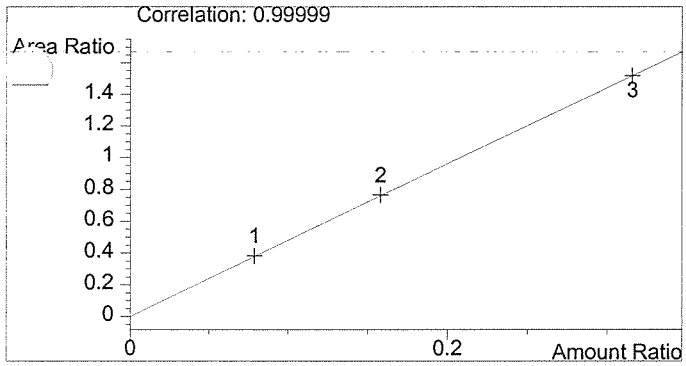
BLANK
Estuardo J. Miranda

vial # 1

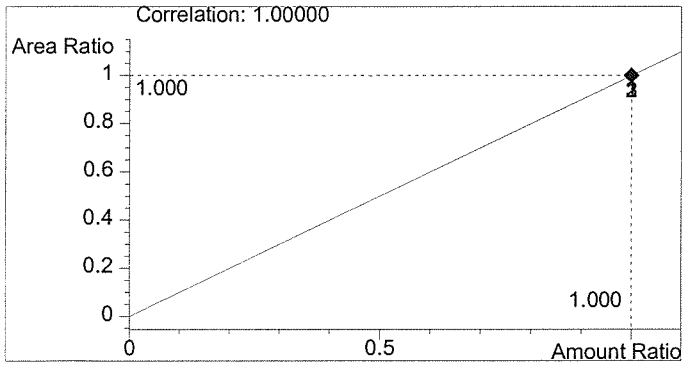


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2963	1.843

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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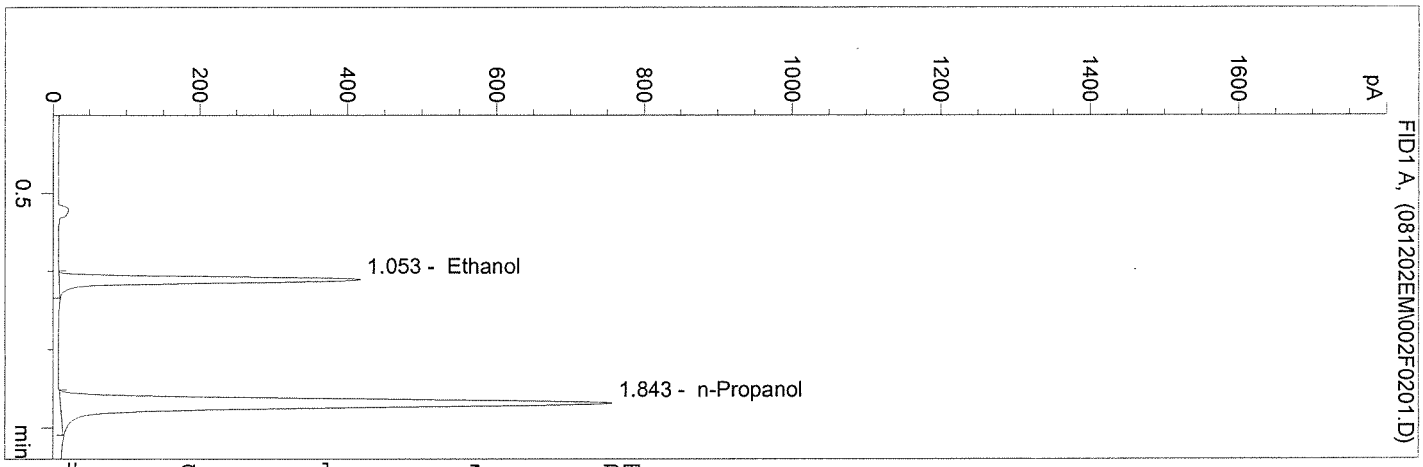
8/12/02 12:36:15 PM
Instrument 2
DB-ALC1

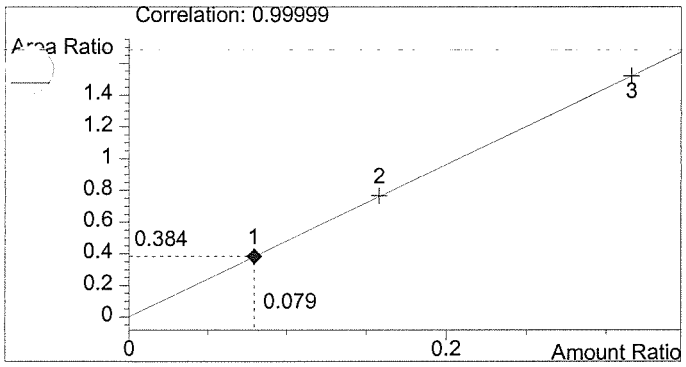
0.079 Calibrator
Estuardo J. Miranda

vial # 2

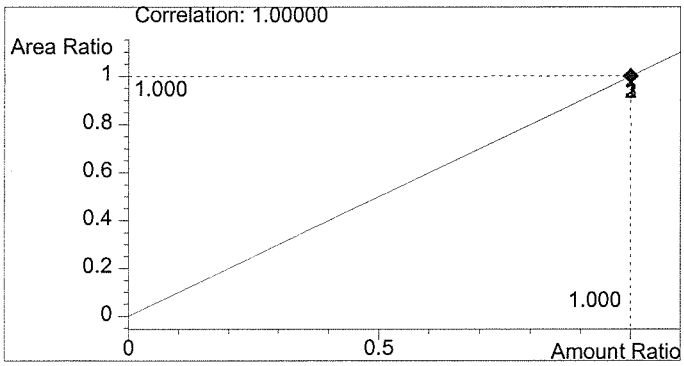


#	Compound	Area	RT
1	Ethanol	1134	1.053
2	n-Propanol	2954	1.843

Totals:



Ethanol 0.079 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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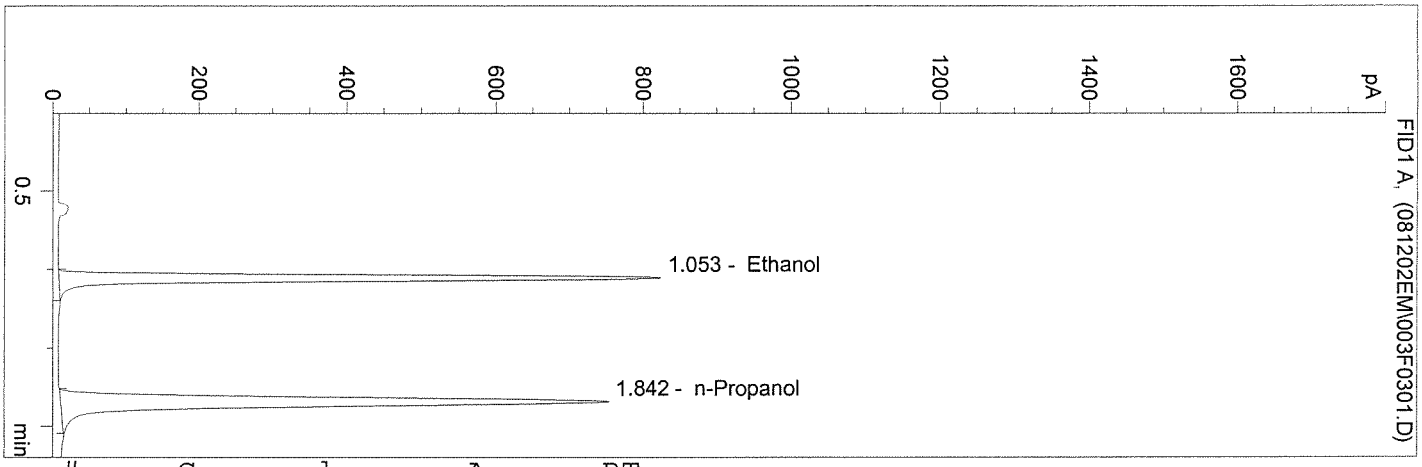
8/12/02 12:39:18 PM
Instrument 2
DB-ALC1

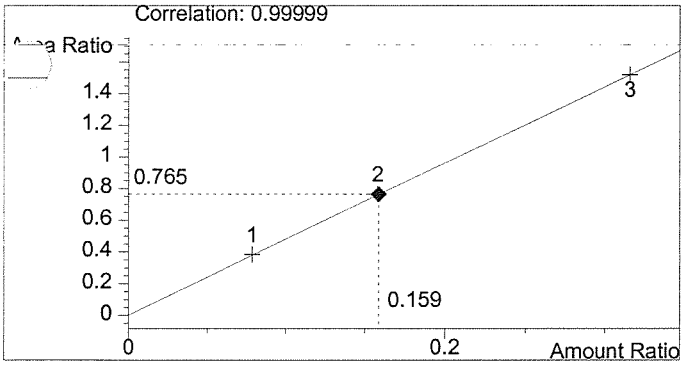
0.158 Calibrator
Estuardo J. Miranda

vial # 3

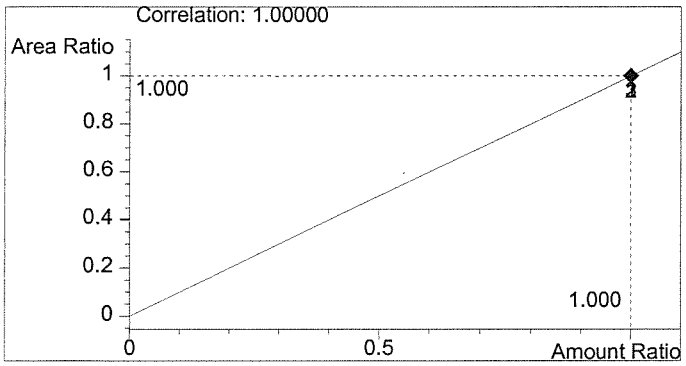


#	Compound	Area	RT
1	Ethanol	2248	1.053
2	n-Propanol	2941	1.842

Totals:



Ethanol 0.159 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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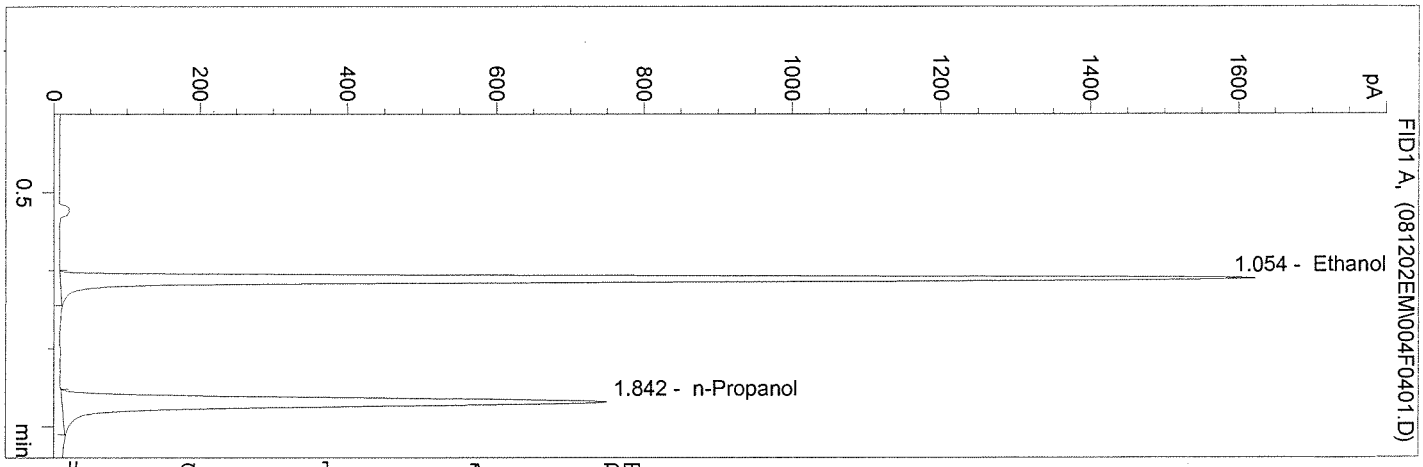
8/12/02 12:42:20 PM
Instrument 2
DB-ALC1

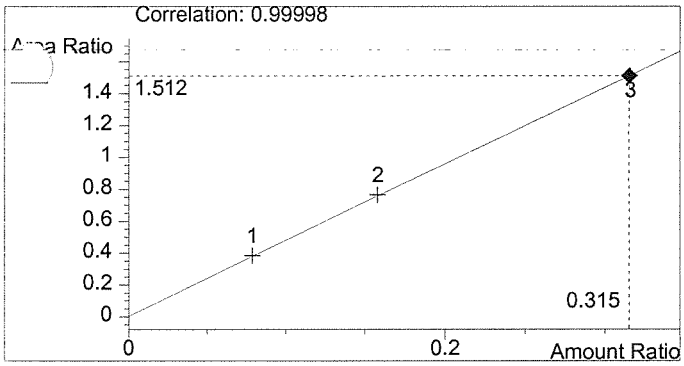
0.316 Calibrator
Estuardo J. Miranda

vial # 4

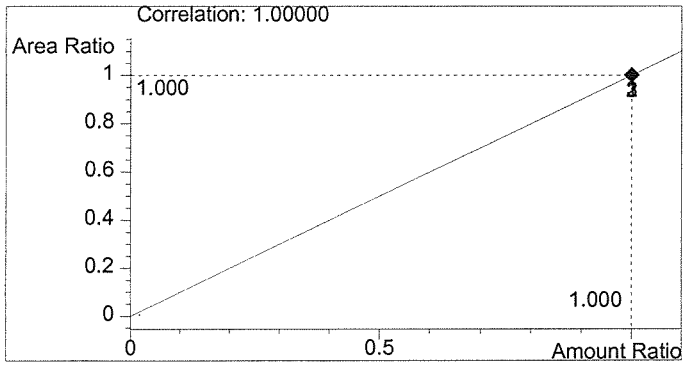


#	Compound	Area	RT
1	Ethanol	4431	1.054
2	n-Propanol	2930	1.842

Totals:



Ethanol 0.315 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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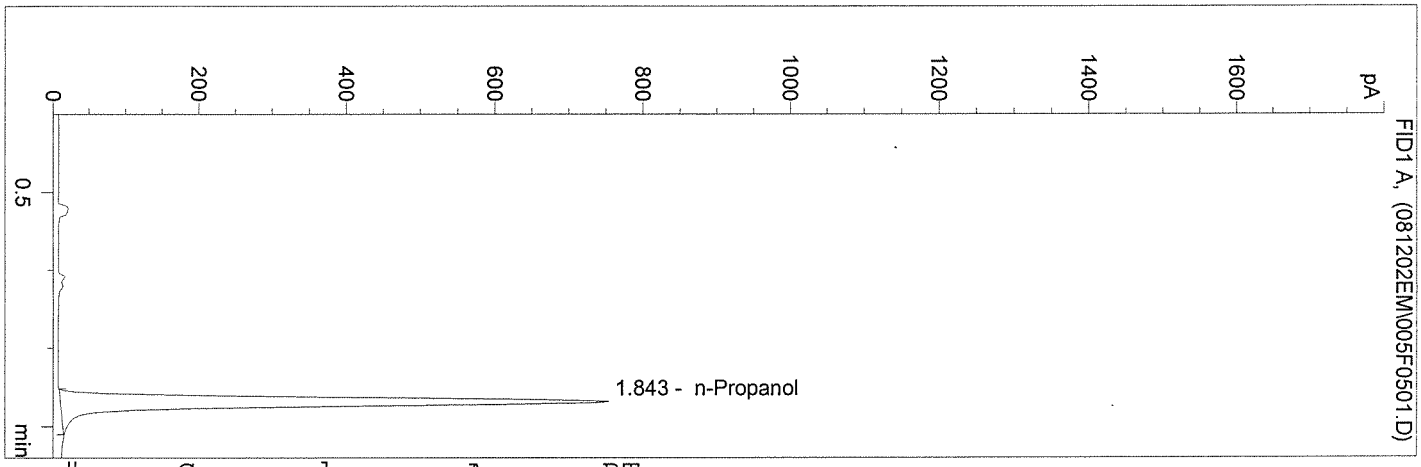
Instrument 2
DB-ALC1

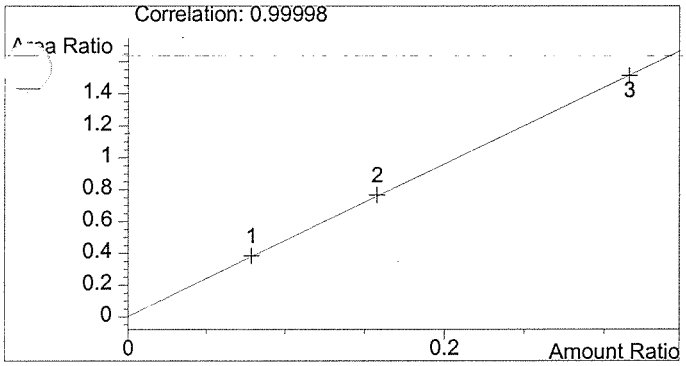
BLANK
Estuardo J. Miranda

vial # 5

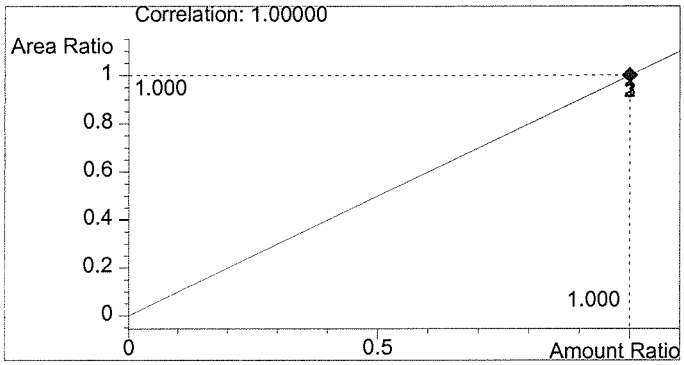


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2940	1.843

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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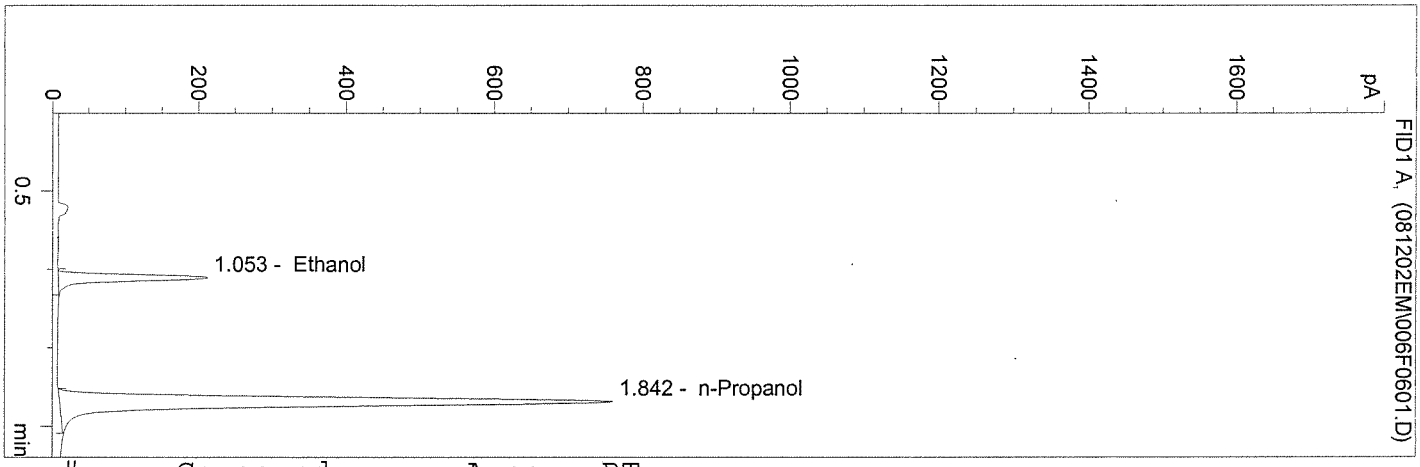
8/12/02 12:48:46 PM
Instrument 2
DB-ALC1

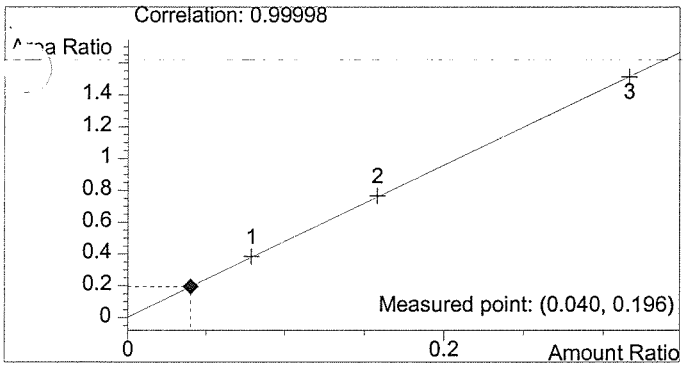
0.040 CAP
Estuardo J. Miranda

vial # 6

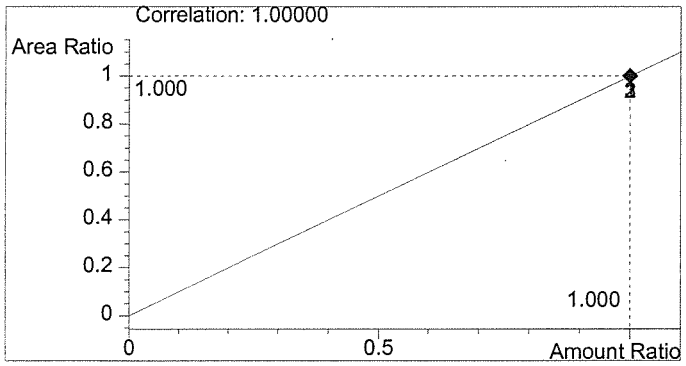


#	Compound	Area	RT
1	Ethanol	580	1.053
2	n-Propanol	2965	1.842

Totals:



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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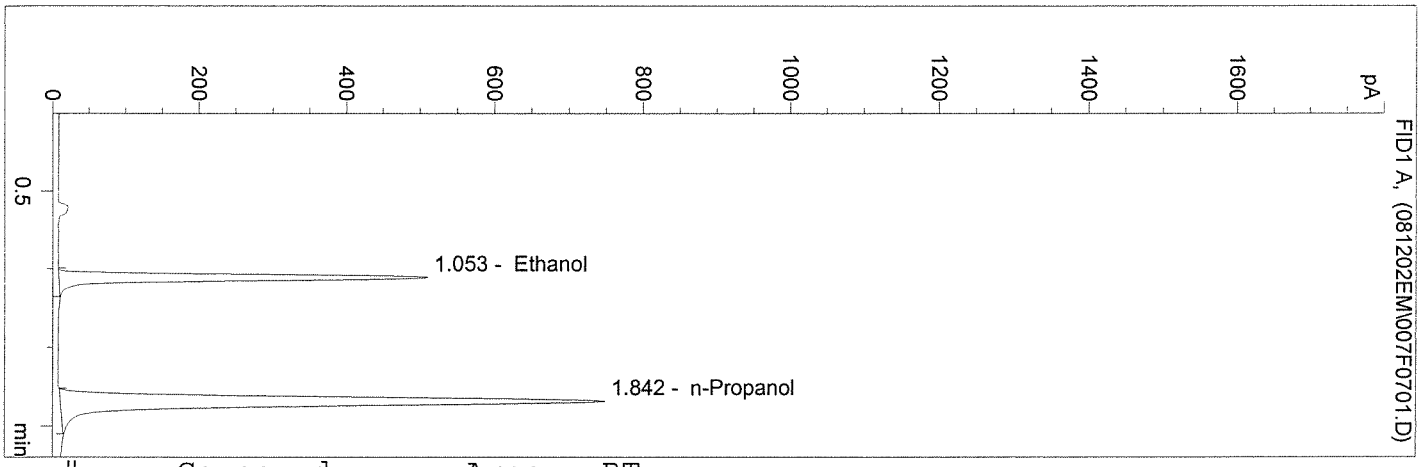
8/12/02 12:51:48 PM
Instrument 2
DB-ALC1

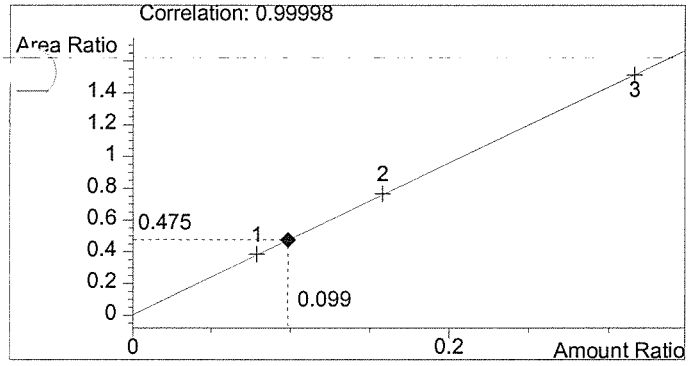
0.100 Control
Estuardo J. Miranda

vial # 7

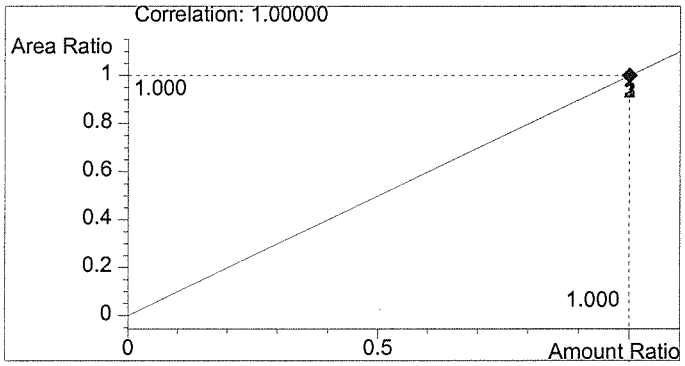


#	Compound	Area	RT
1	Ethanol	1390	1.053
2	n-Propanol	2924	1.842

Totals:



Ethanol 0.099 g/100ml



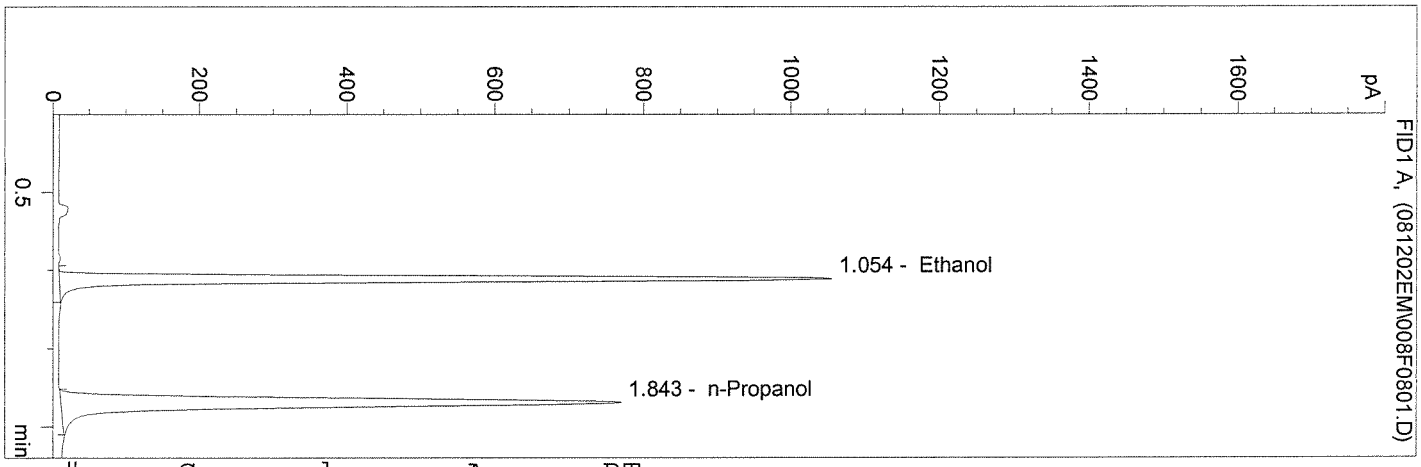
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/12/02 12:54:50 PM
Instrument 2
DB-ALC1

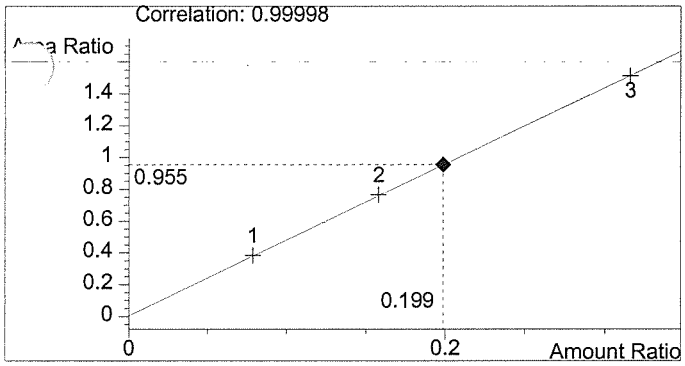
0.200 Control
Estuardo J. Miranda

vial # 8

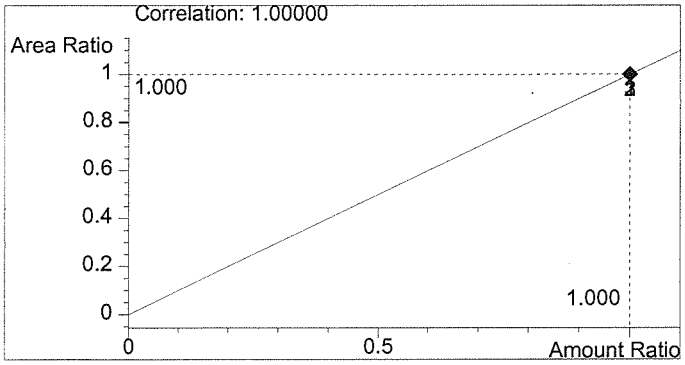


#	Compound	Area	RT
1	Ethanol	2869	1.054
2	n-Propanol	3003	1.843

Totals:



Ethanol 0.199 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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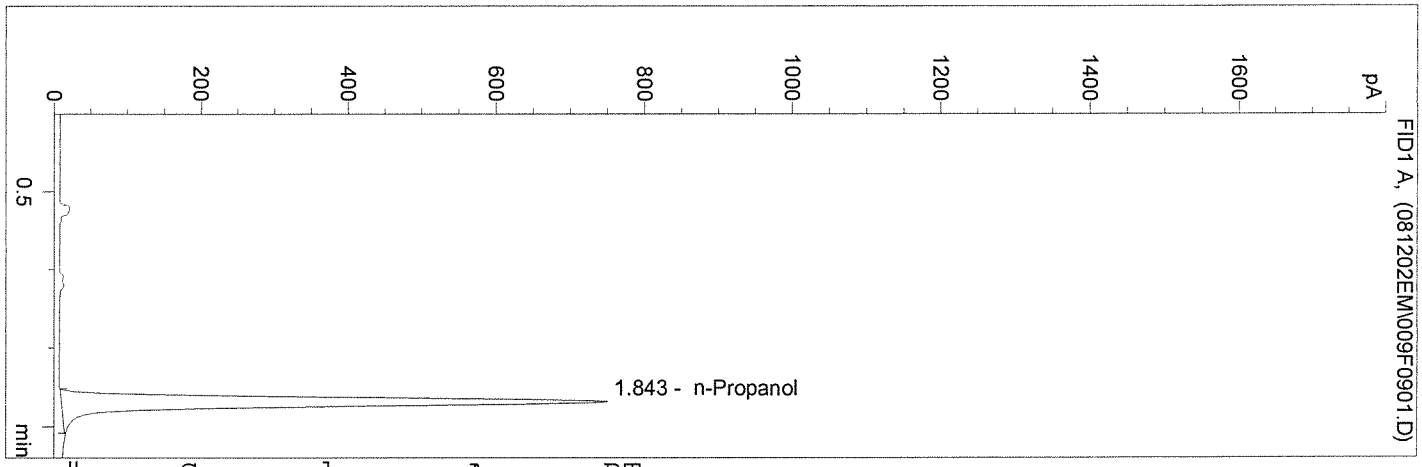
8/12/02 12:58:07 PM
Instrument 2
DB-ALC1

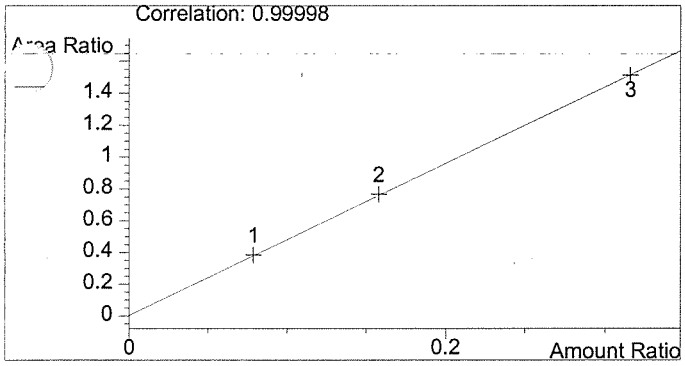
BLANK
Estuardo J. Miranda

vial # 9

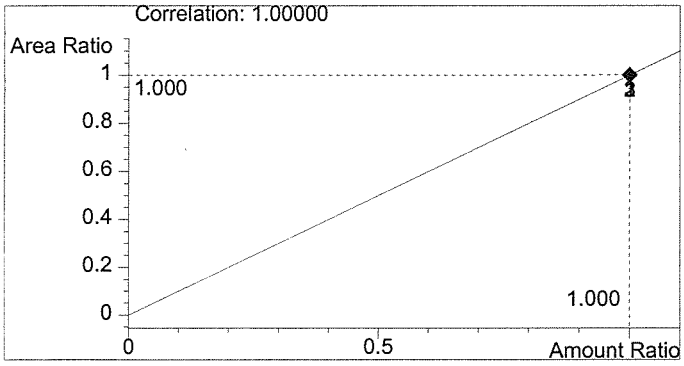


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2935	1.843

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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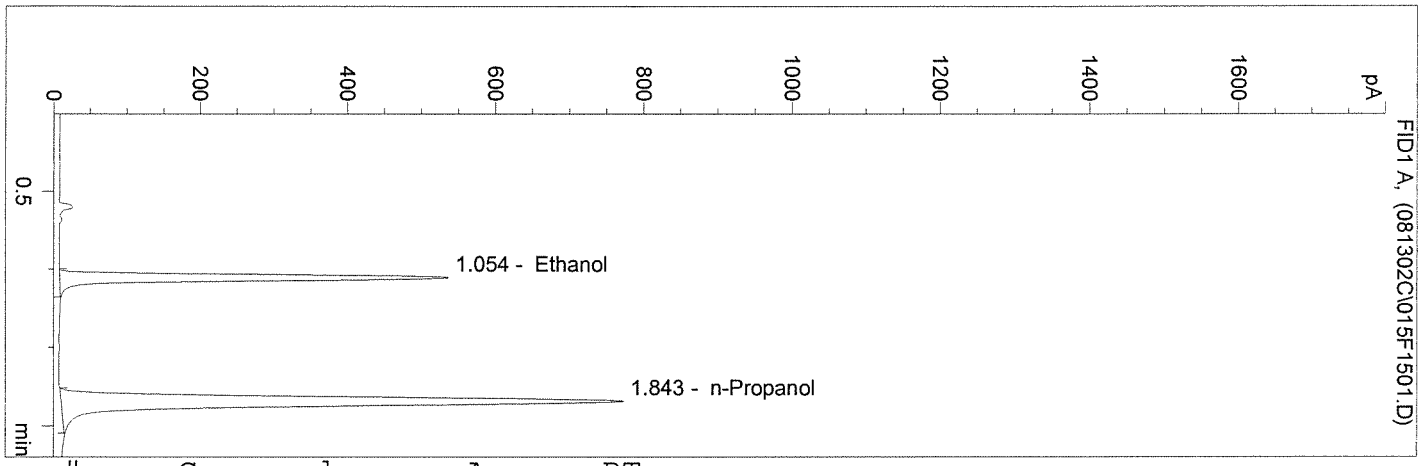
8/13/02 9:22:43 AM
Instrument 2
DB-ALC1

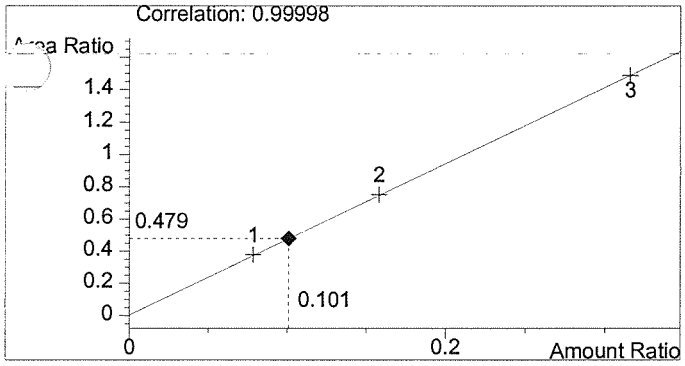
02030
ED FORMOSO

vial # 15

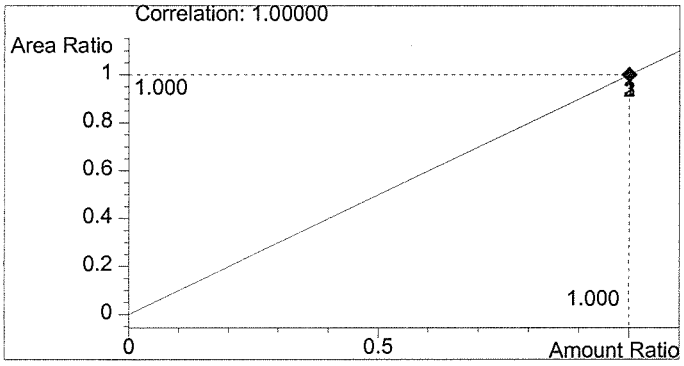


#	Compound	Area	RT
1	Ethanol	1443	1.054
2	n-Propanol	3011	1.843

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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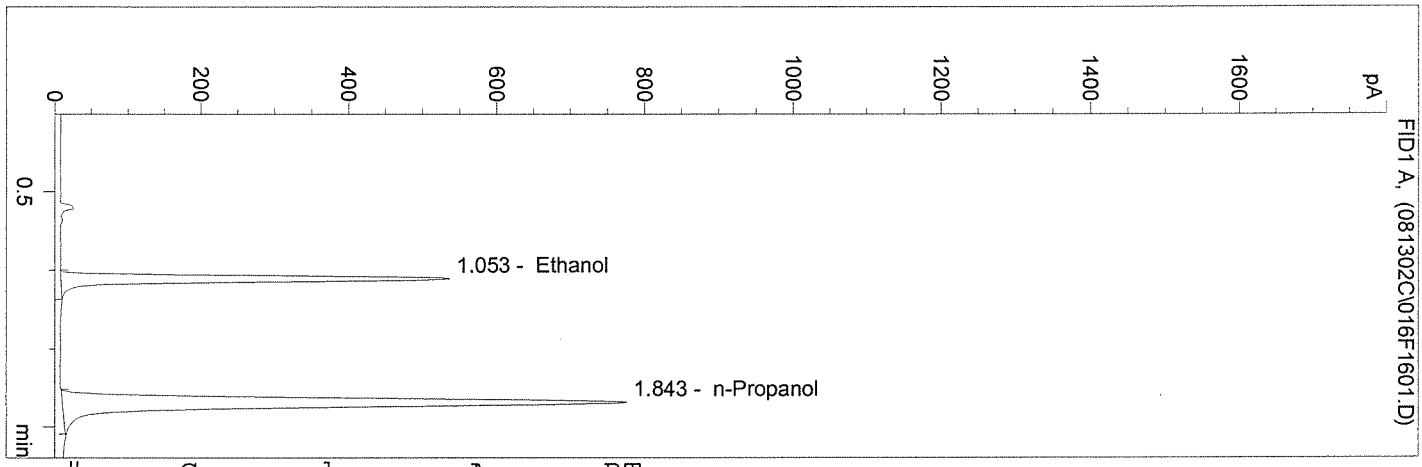
8/13/02 9:25:44 AM
Instrument 2
DB-ALC1

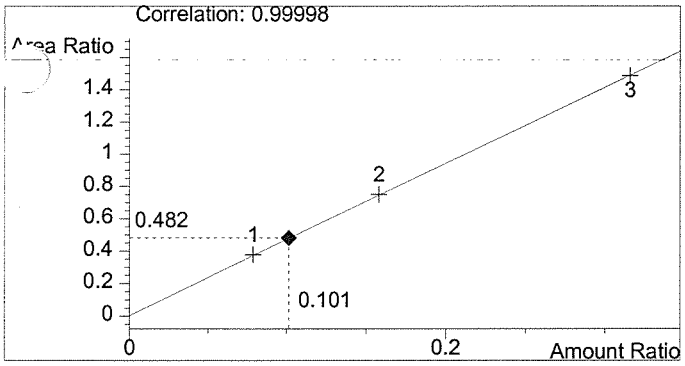
02030
ED FORMOSO

vial # 16

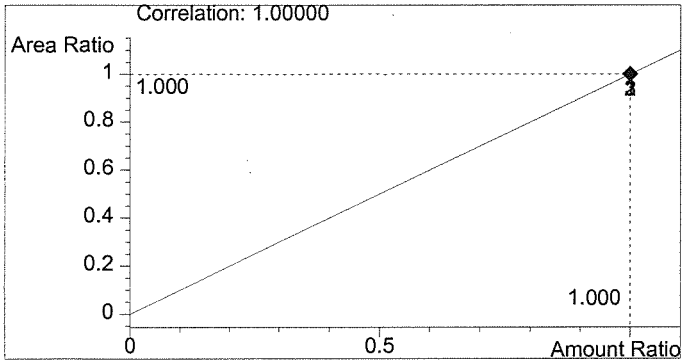


#	Compound	Area	RT
1	Ethanol	1455	1.053
2	n-Propanol	3023	1.843

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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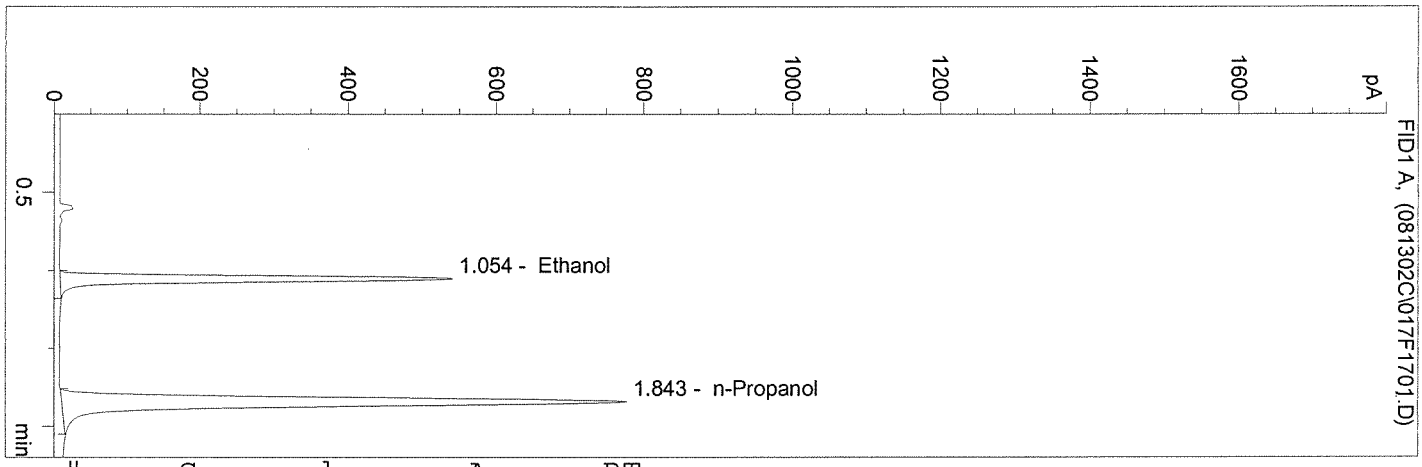
Instrument 2
DB-ALC1

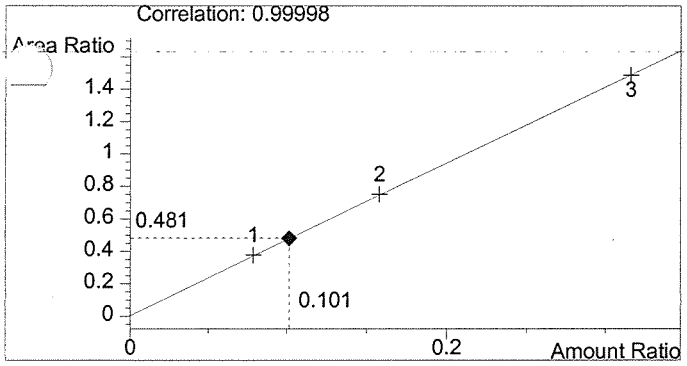
02030
ED FORMOSO

vial # 17

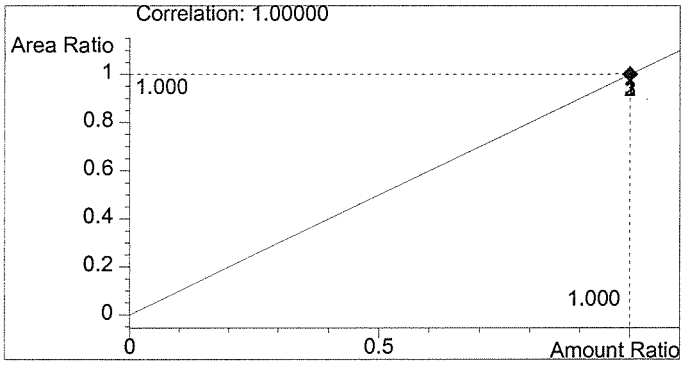


#	Compound	Area	RT
1	Ethanol	1454	1.054
2	n-Propanol	3020	1.843

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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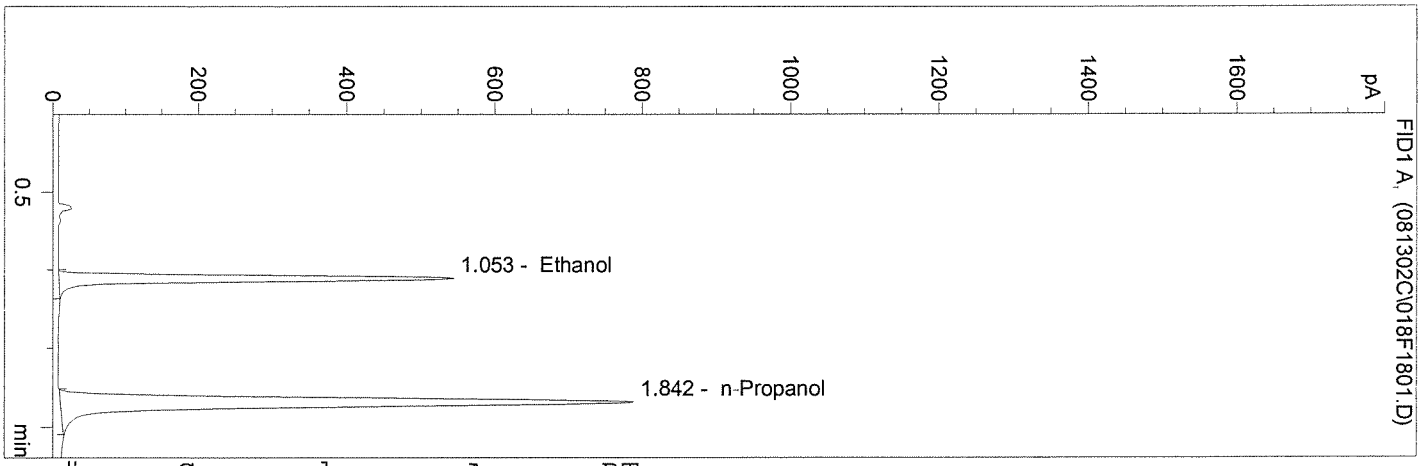
Instrument 2
DB-ALC1

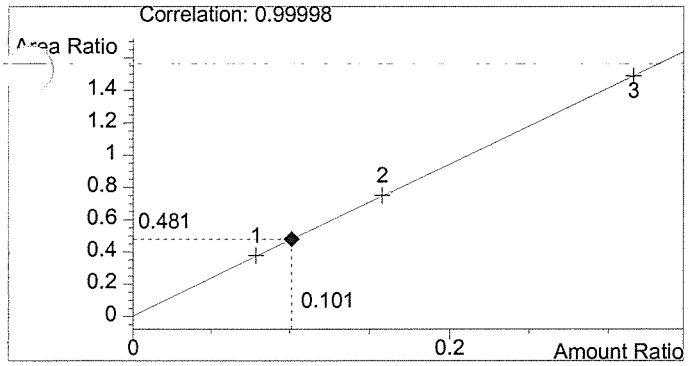
02030
ED FORMOSO

vial # 18

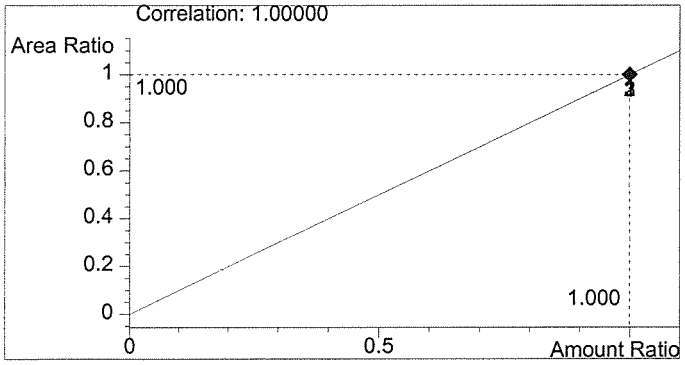


#	Compound	Area	RT
1	Ethanol	1478	1.053
2	n-Propanol	3075	1.842

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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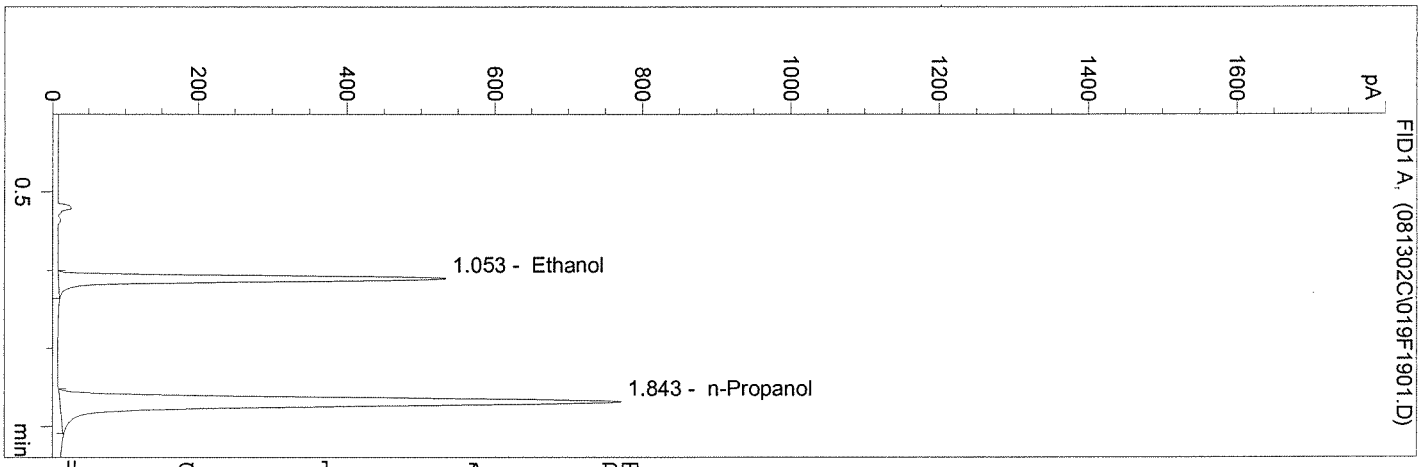
Instrument 2
DB-ALC1

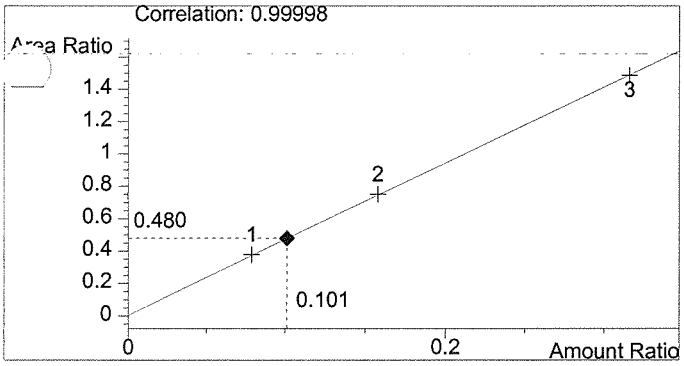
02030
ED FORMOSO

vial # 19

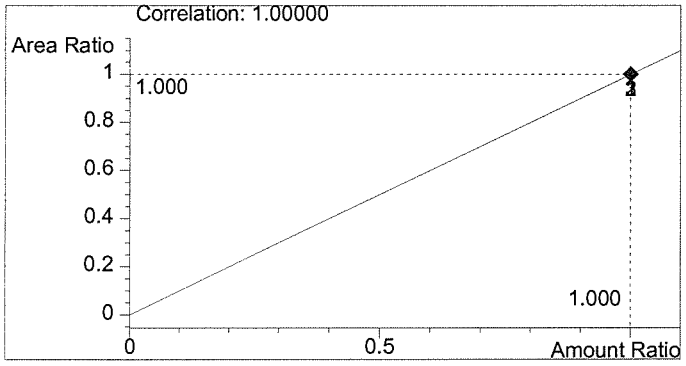


#	Compound	Area	RT
1	Ethanol	1441	1.053
2	n-Propanol	3003	1.843

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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8/13/02 9:38:06 AM
Instrument 2
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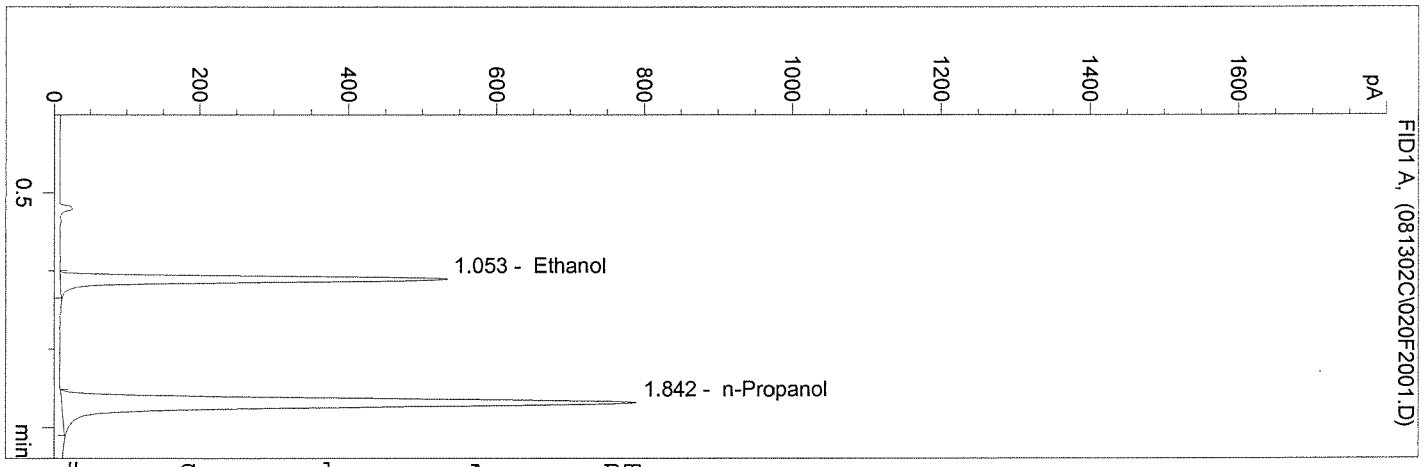
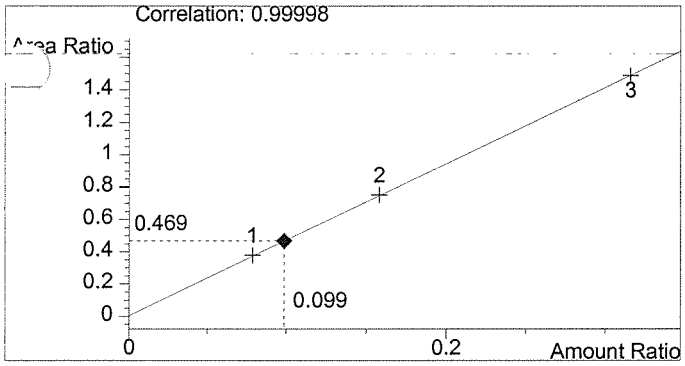
0.10 CONTROL
ED FORMOSO

vial # 20

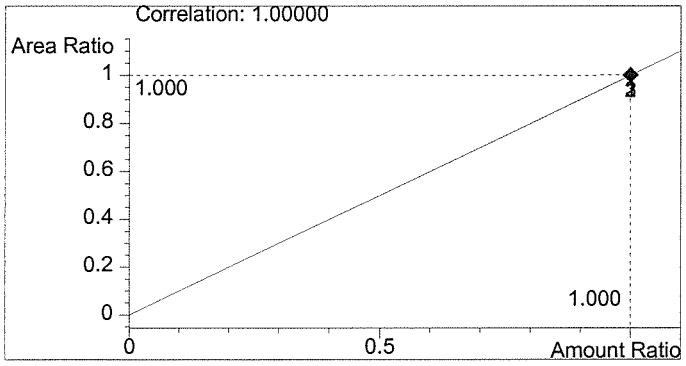


#	Compound	Area	RT
1	Ethanol	1442	1.053
2	n-Propanol	3078	1.842

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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8/13/02 9:41:15 AM
Instrument 2
DB-ALC1

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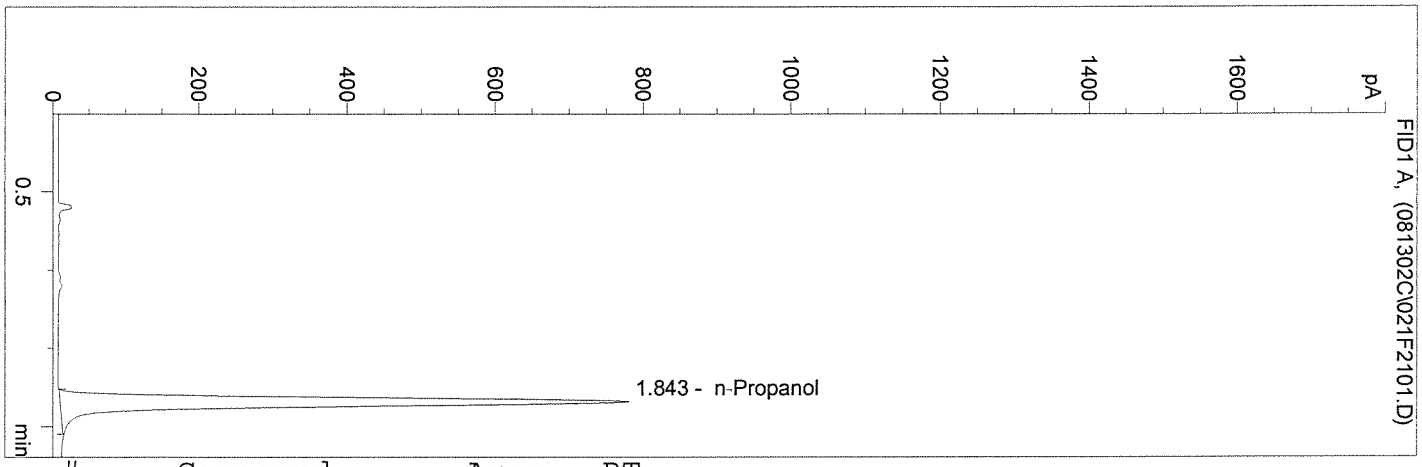
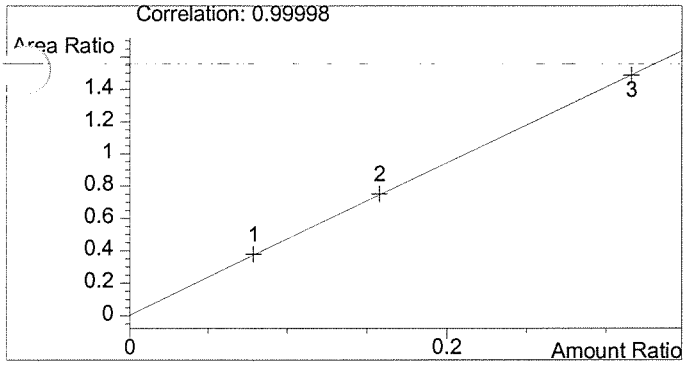
ED FORMOSO

vial # 21

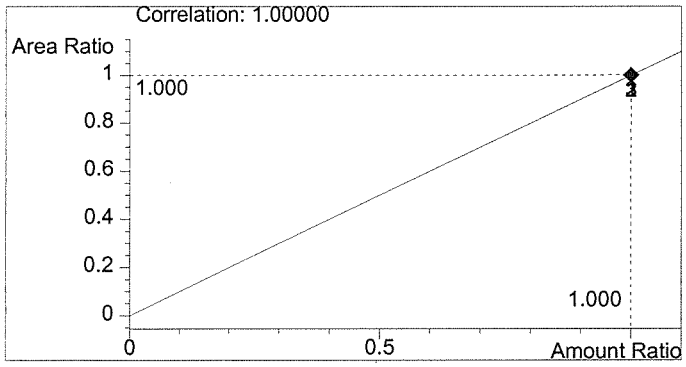


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3043	1.843

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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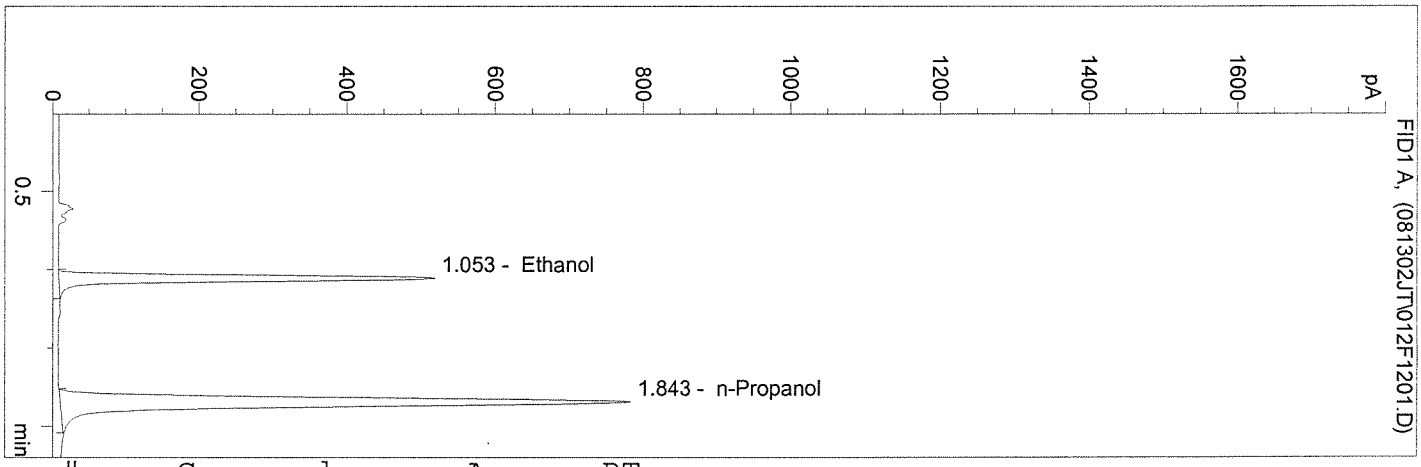
Instrument 2
DB-ALC1

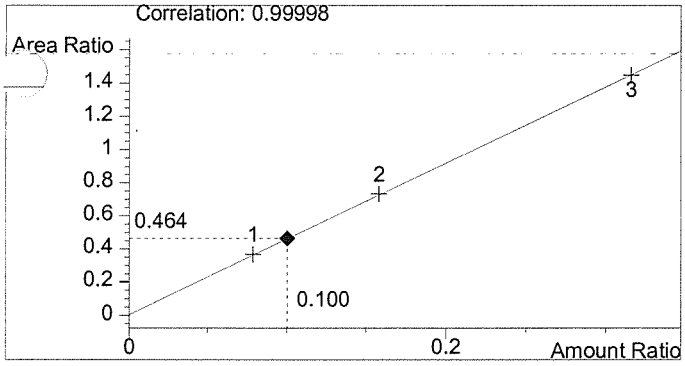
SIM SOLN 02030-1
JAYNE THATCHER

vial # 12

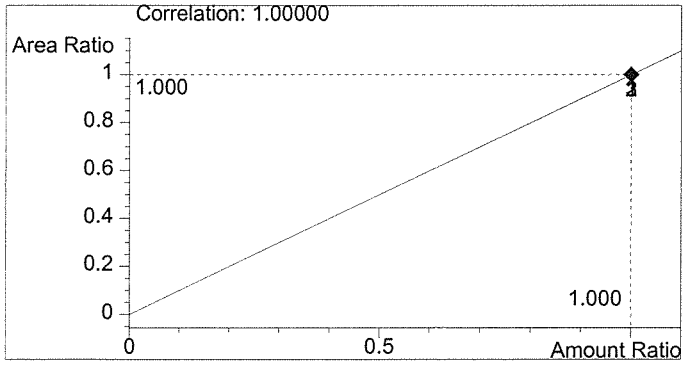


#	Compound	Area	RT
1	Ethanol	1412	1.053
2	n-Propanol	3045	1.843

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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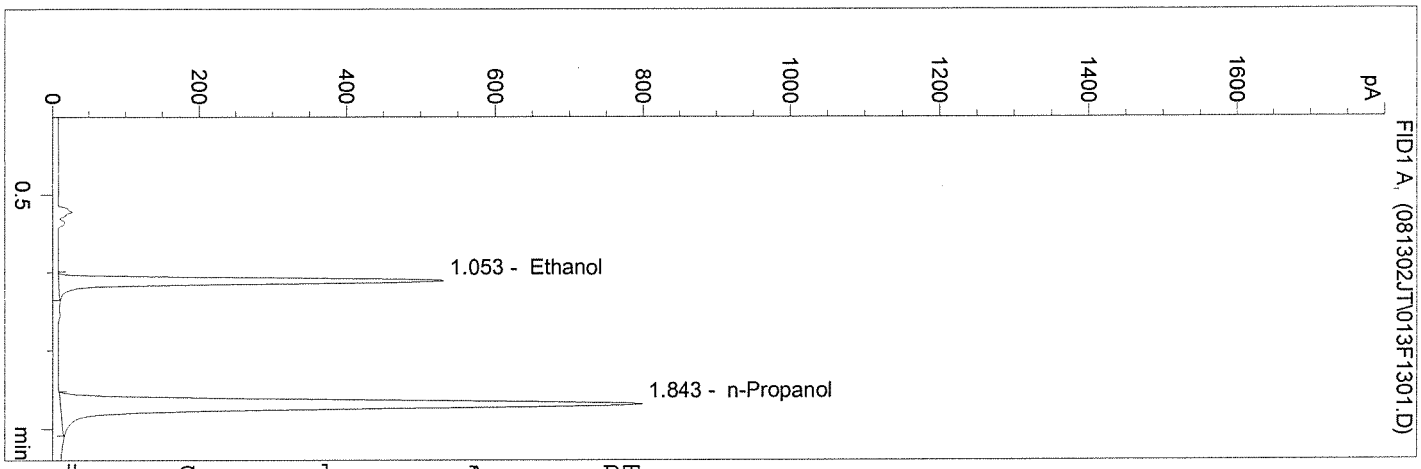
Instrument 2
DB-ALC1

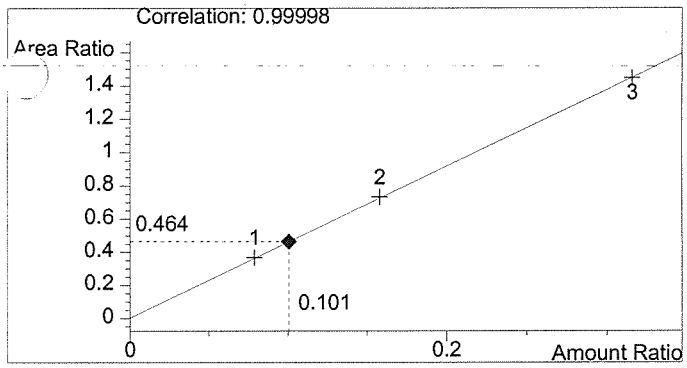
SIM SOLN 02030-2
JAYNE THATCHER

vial # 13

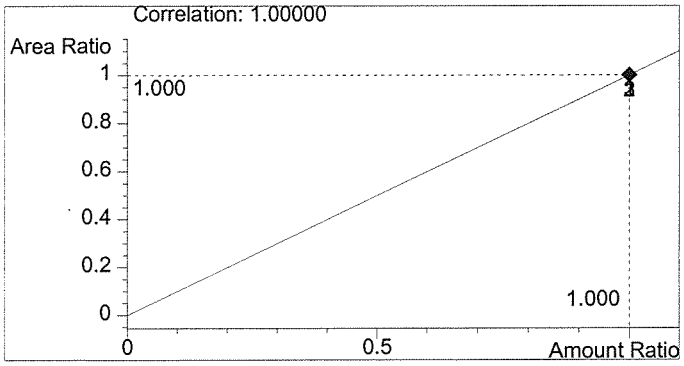


#	Compound	Area	RT
1	Ethanol	1438	1.053
2	n-Propanol	3097	1.843

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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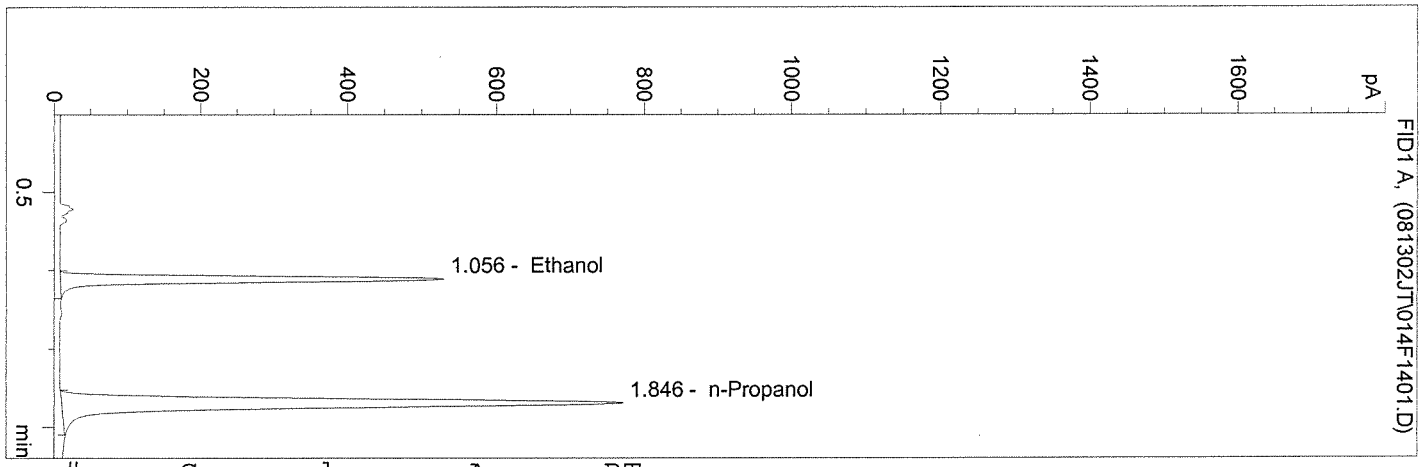
8/13/02 1:03:57 PM
Instrument 2
DB-ALC1

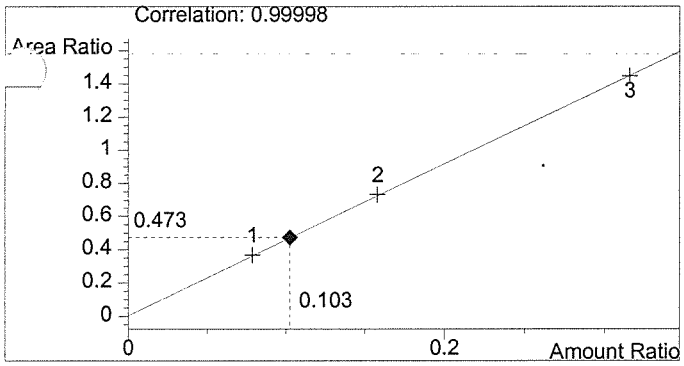
SIM SOLN 02030-3
JAYNE THATCHER

vial # 14

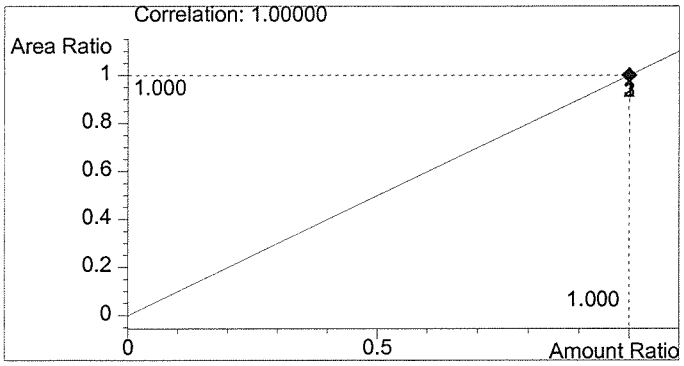


#	Compound	Area	RT
1	Ethanol	1413	1.056
2	n-Propanol	2984	1.846

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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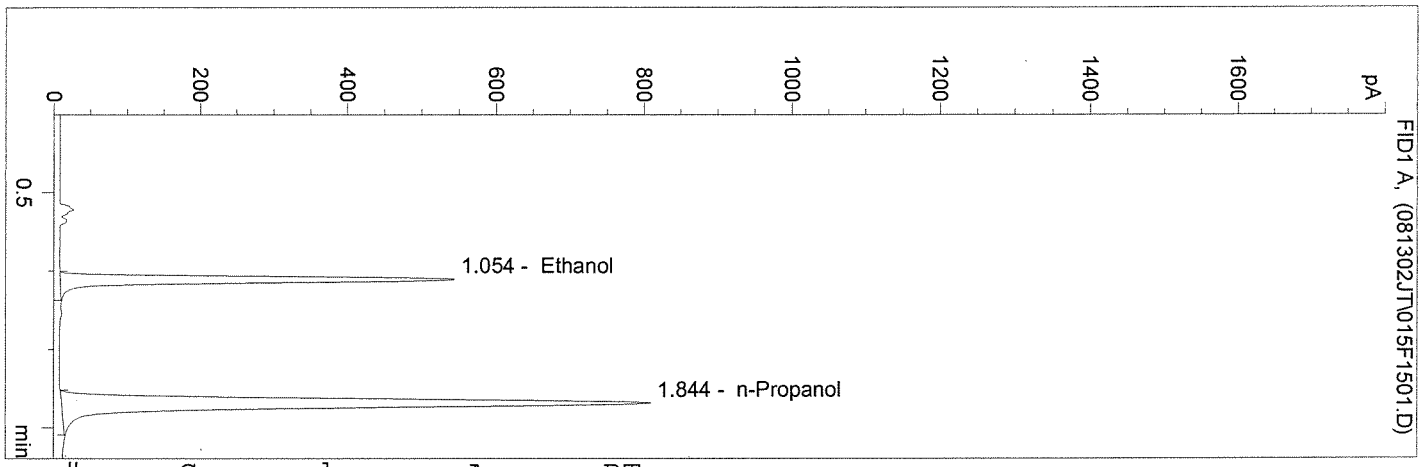
Instrument 2
DB-ALC1

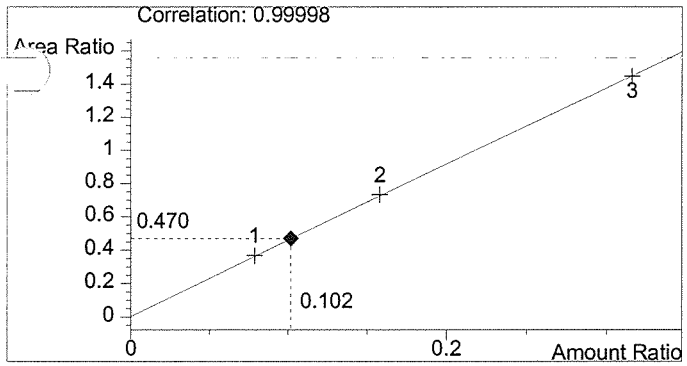
SIM SOLN 02030-4
JAYNE THATCHER

vial # 15

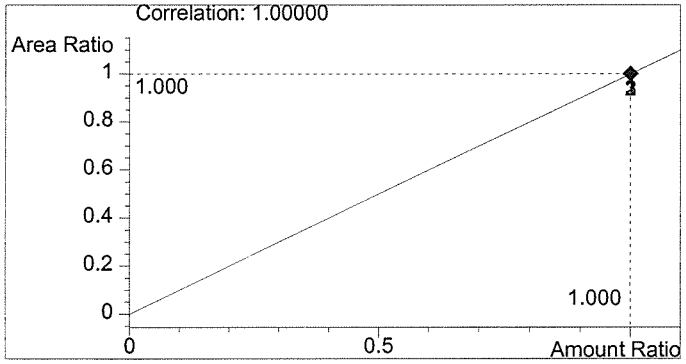


#	Compound	Area	RT
1	Ethanol	1475	1.054
2	n-Propanol	3142	1.844

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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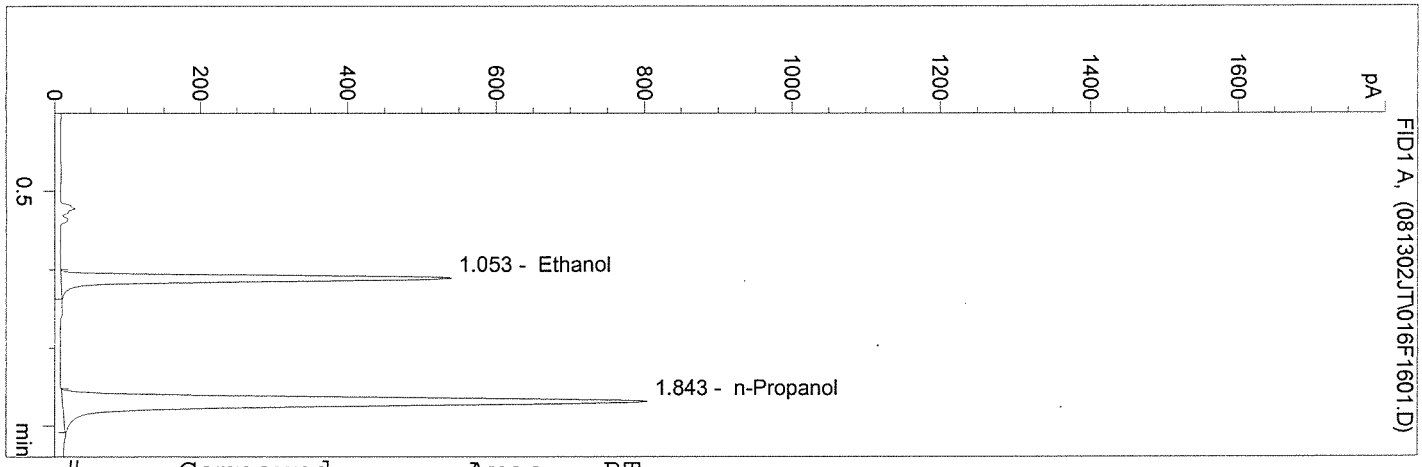
8/13/02 1:10:00 PM
Instrument 2
DB-ALC1

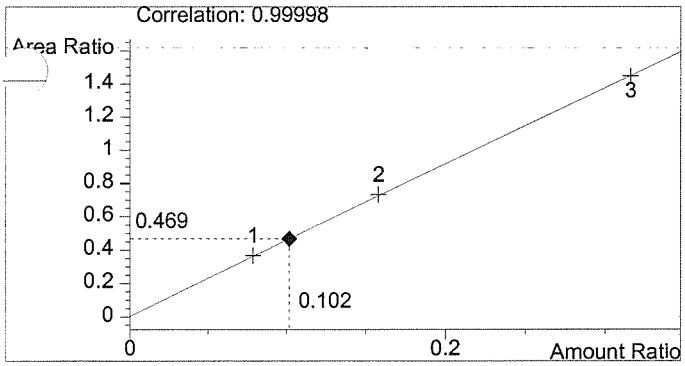
SIM SOLN 02030-5
JAYNE THATCHER

vial # 16

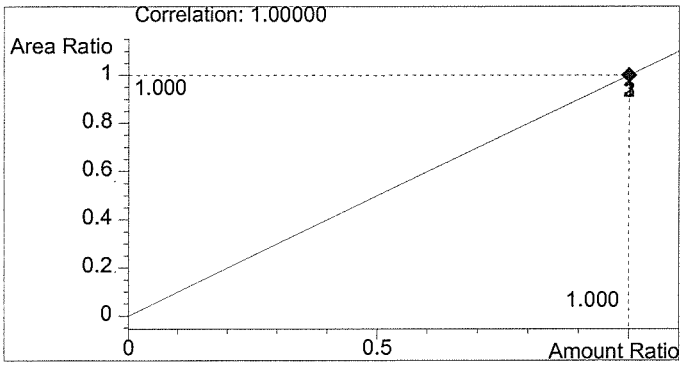


#	Compound	Area	RT
1	Ethanol	1467	1.053
2	n-Propanol	3125	1.843

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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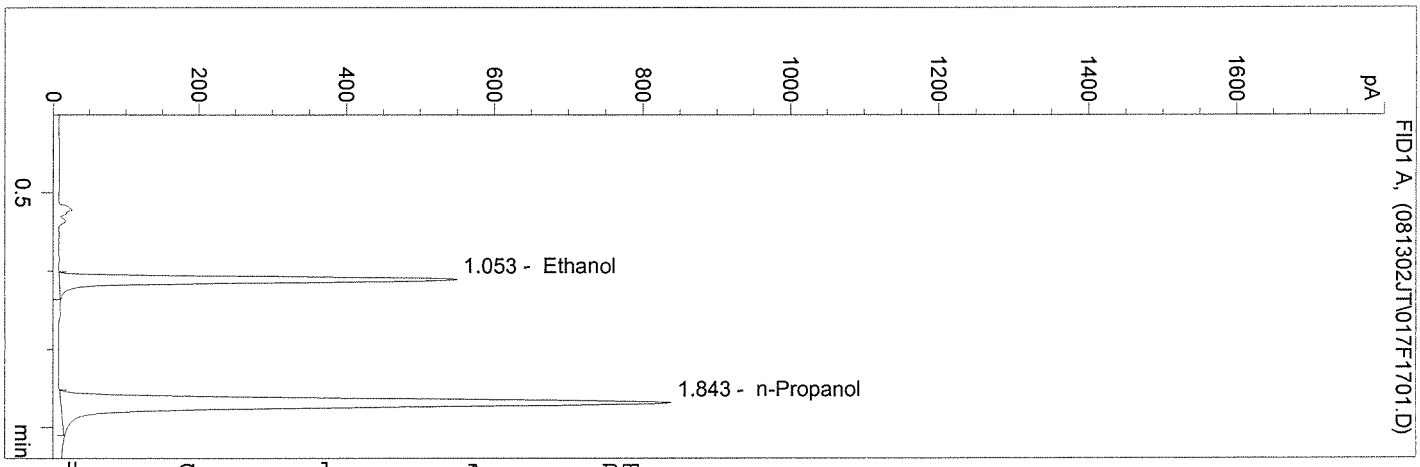
Instrument 2
DB-ALC1

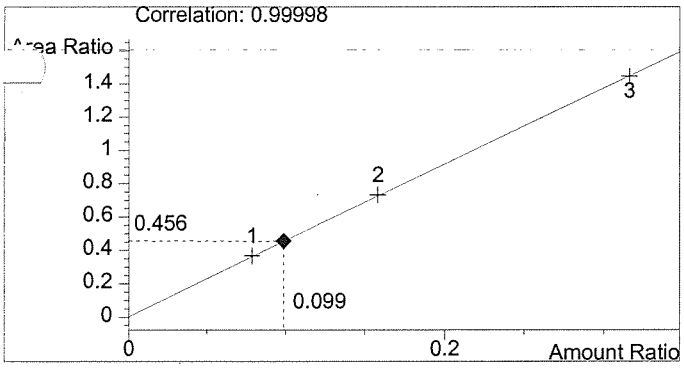
0.10 CONTROL
JAYNE THATCHER

vial # 17

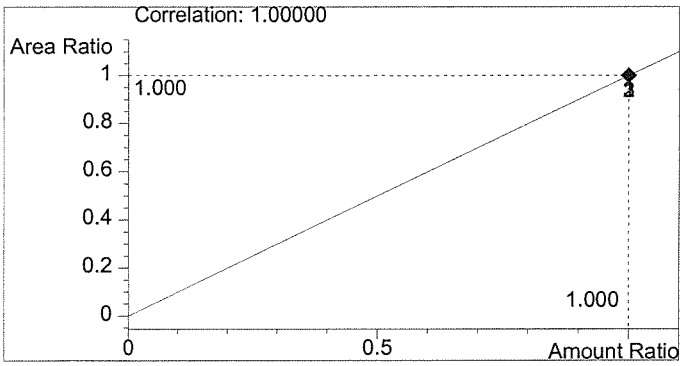


#	Compound	Area	RT
1	Ethanol	1482	1.053
2	n-Propanol	3250	1.843

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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8/13/02 1:16:25 PM
Instrument 2
DB-ALC1

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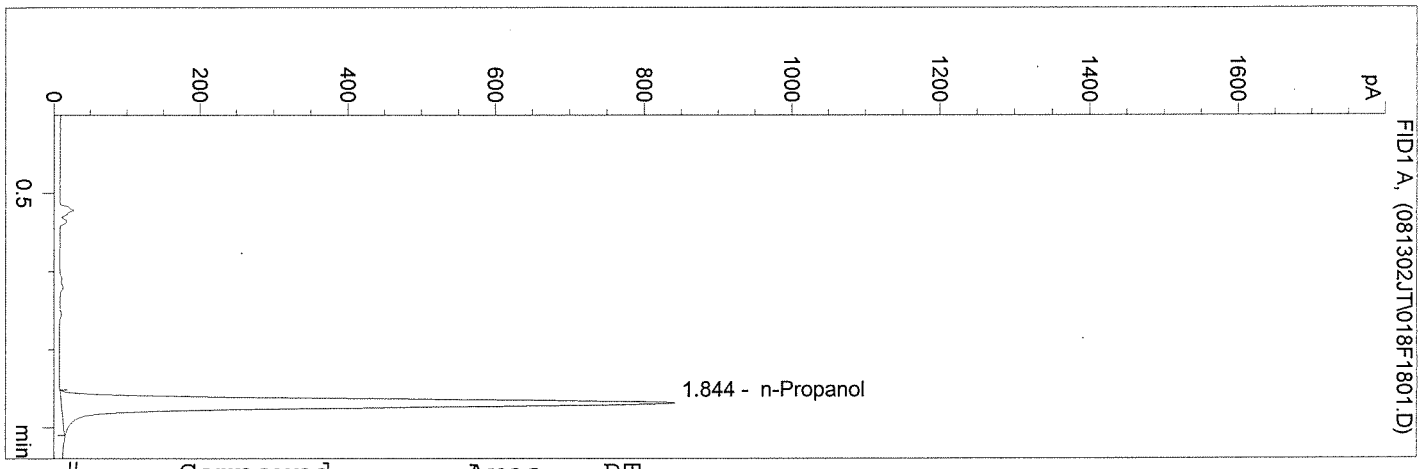
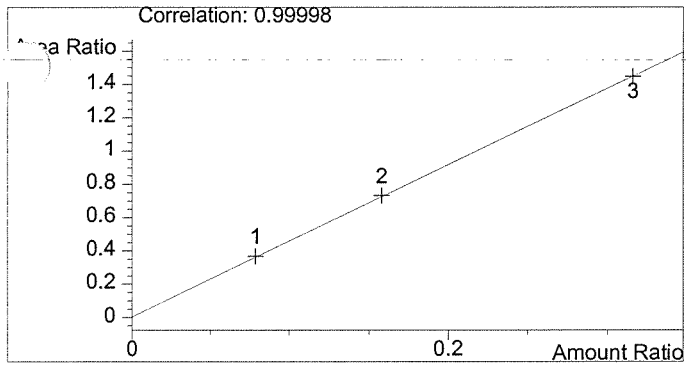
JAYNE THATCHER

vial # 18

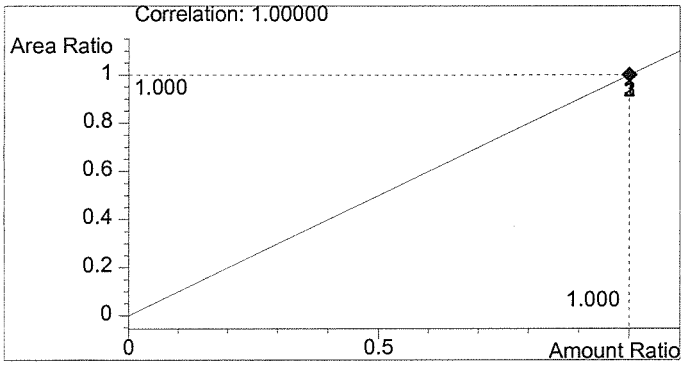


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3265	1.844

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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8/13/02 12:23:20 PM
Instrument 2
-ALC1

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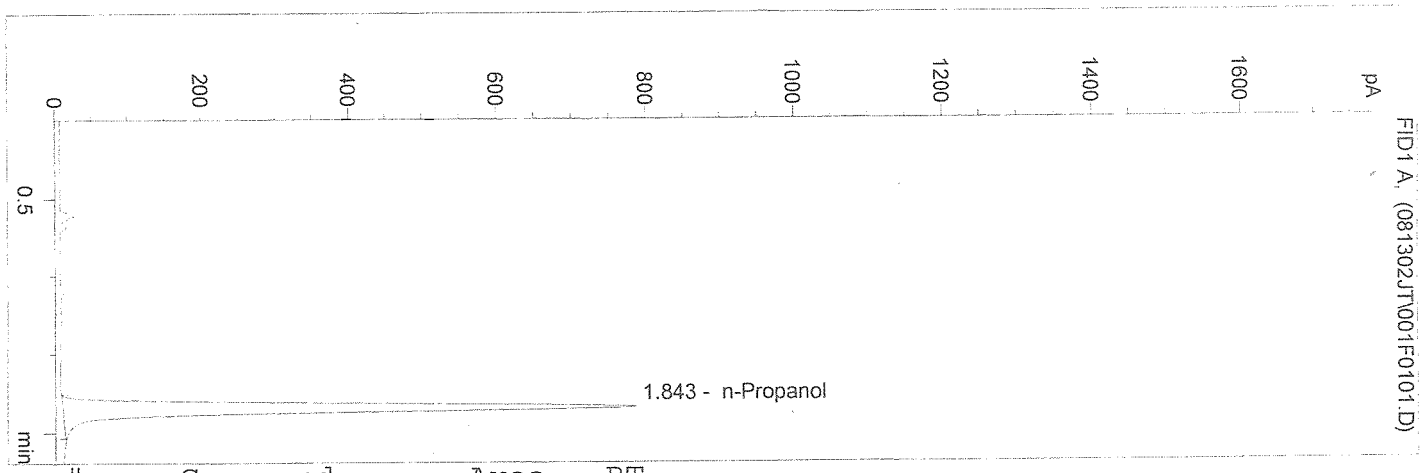
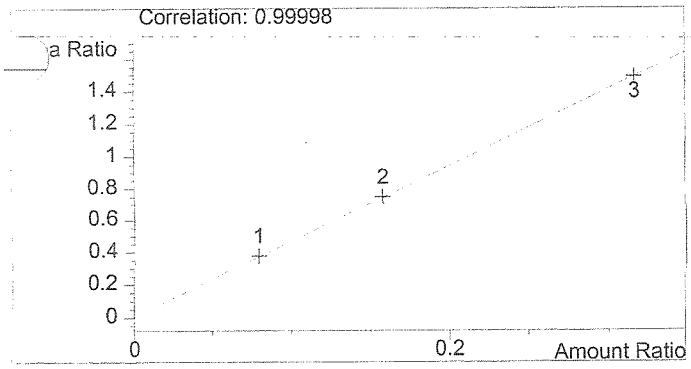
JAYNE THATCHER

vial # 1

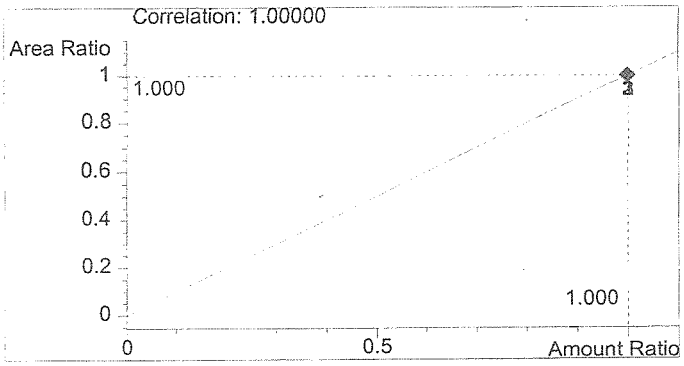


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3044	1.843

Totals:



Ethanol 0.000 g/100ml



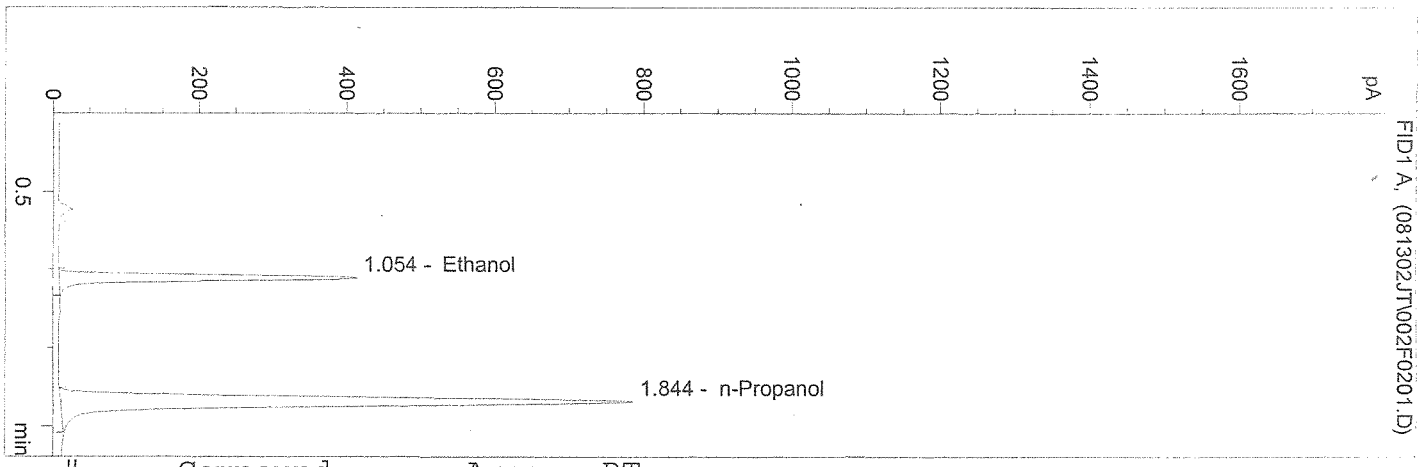
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/13/02 12:26:22 PM
Instrument 2
DB-ALC1

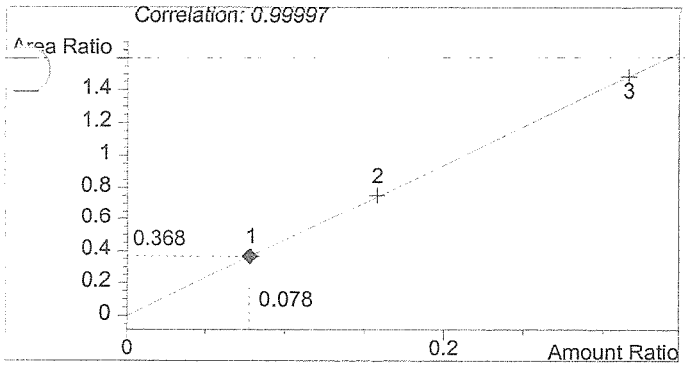
0.079 CAL
JAYNE THATCHER

vial # 2

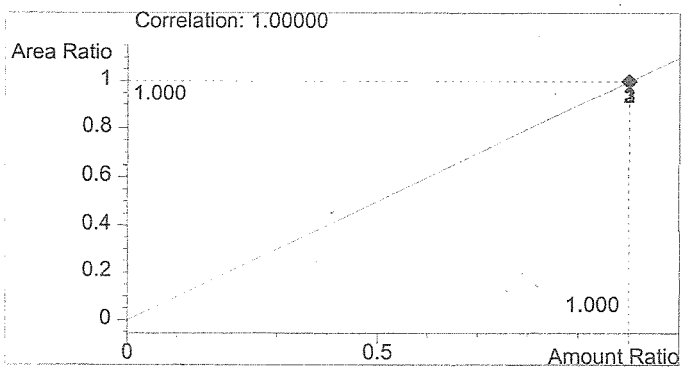


#	Compound	Area	RT
1	Ethanol	1122	1.054
2	n-Propanol	3053	1.844

Totals:



Ethanol 0.078 g/100ml

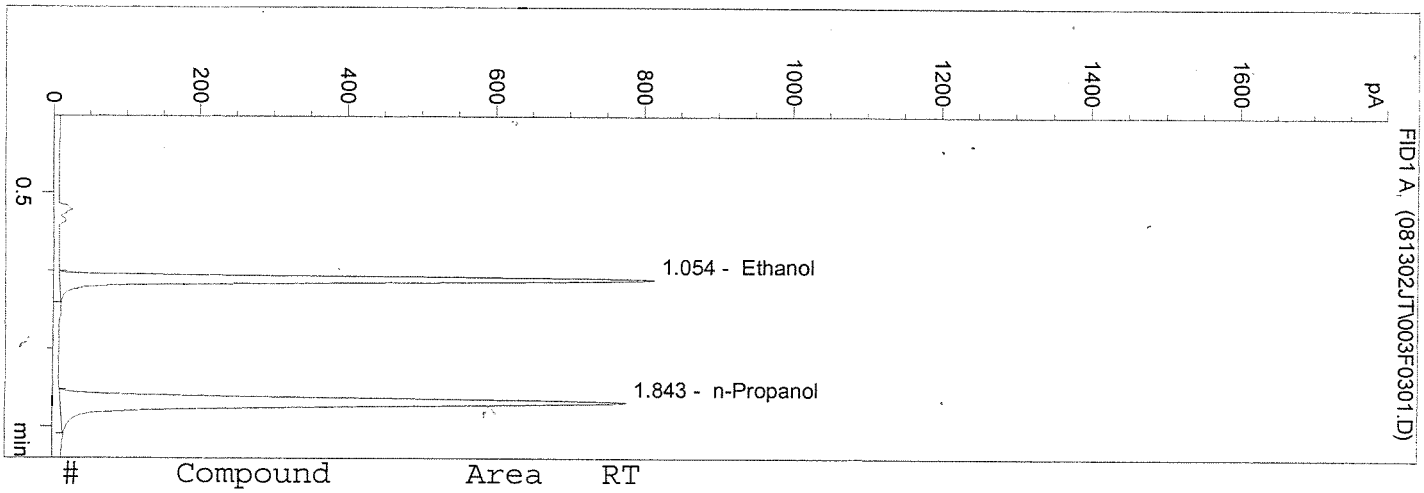


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/13/02 12:29:23 PM
Instrument 2
DB-ALC1

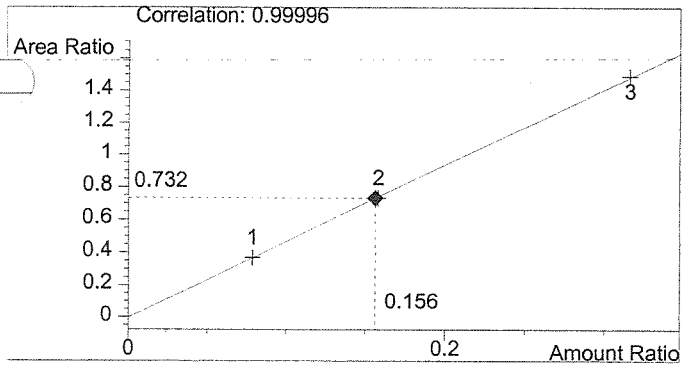
0.158 CAL
JAYNE THATCHER

vial # 3

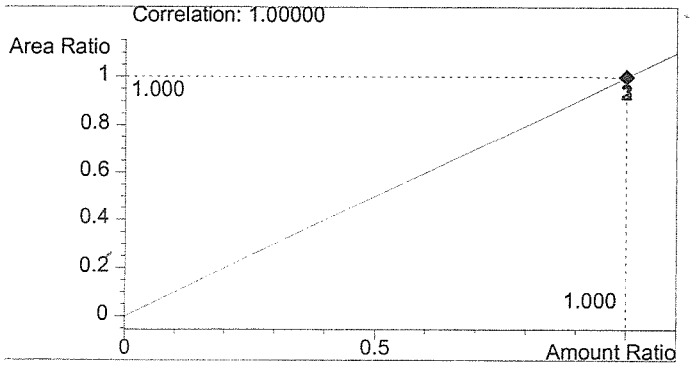


#	Compound	Area	RT
1	Ethanol	2212	1.054
2	n-Propanol	3023	1.843

Totals:



Ethanol 0.156 g/100ml



n-Propanol 1.000 g/100ml

:\HPCHEM\2\METHODS\BLDALCO2.M
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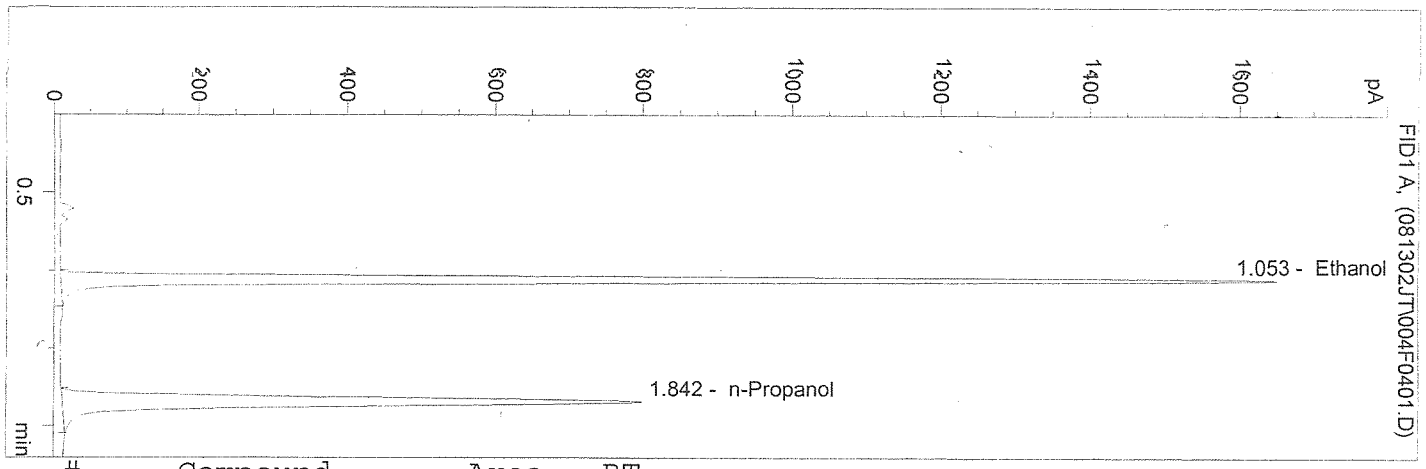
nstrument 2
B-ALC1

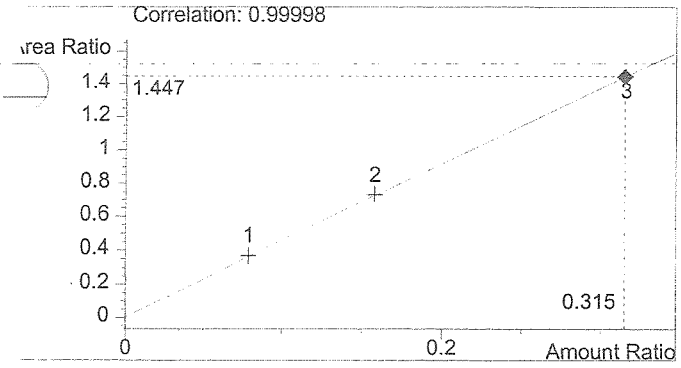
0.316 CAL
JAYNE THATCHER

vial # 4

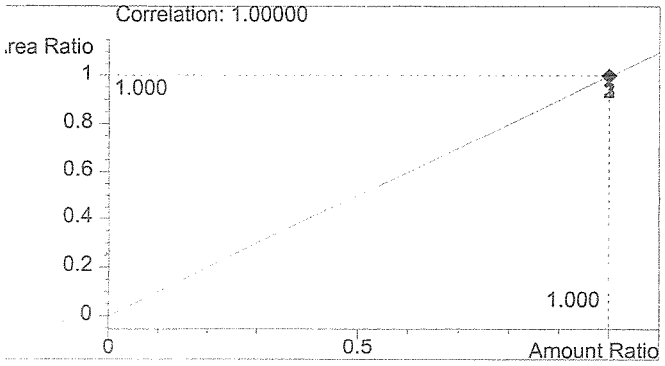


#	Compound	Area	RT
1	Ethanol	4493	1.053
2	n-Propanol	3105	1.842

Totals:



Ethanol 0.315 g/100ml



n-Propanol 1.000 g/100ml

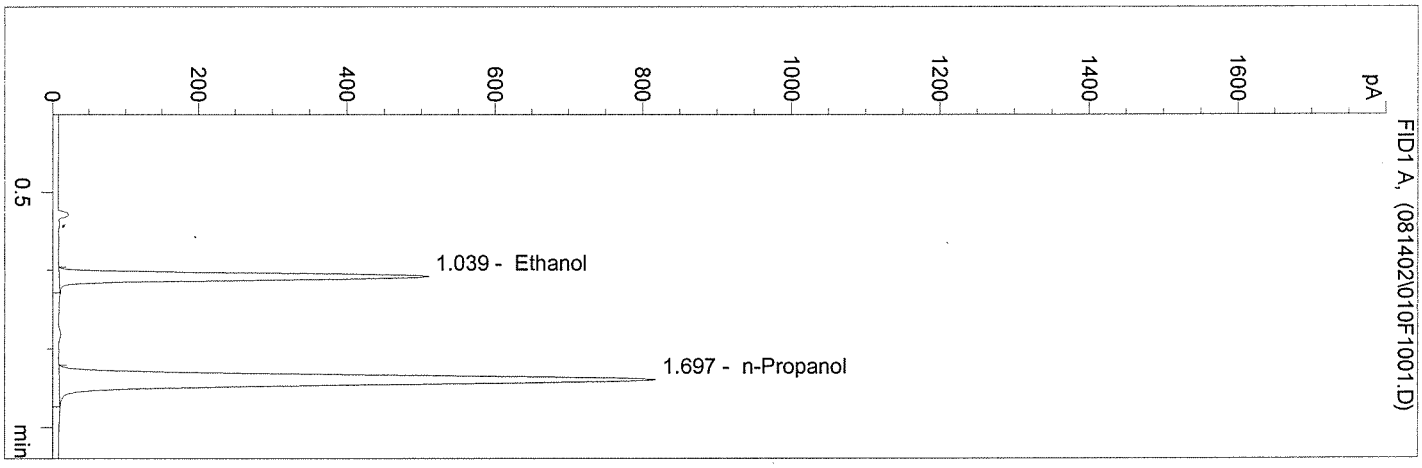
WASHINGTON STATE TOXICOLOGY LABORATORY

Lal in 024758

C:\HPCHEM\1\METHODS\BLDALCO.M
8/14/02 10:12:32 AM
Instrument 1
DB-ALC1

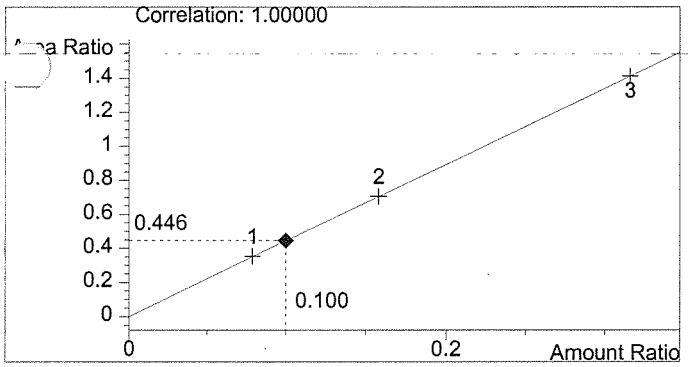
02030 SIM SOL
RUTH LUTHI

vial # 10

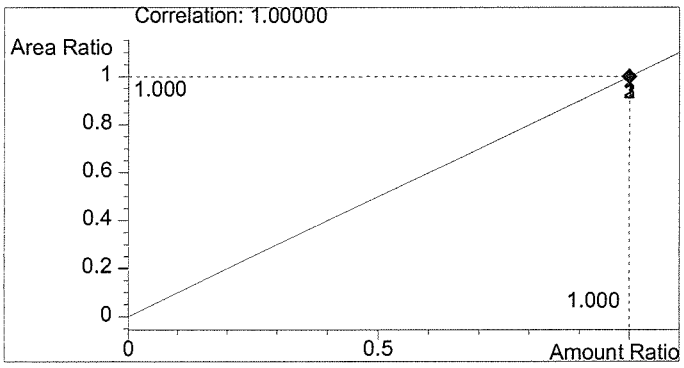


#	Compound	Area	RT
1	Ethanol	1519	1.039
2	n-Propanol	3402	1.697

Totals:



Ethanol 0.100 g/100ml



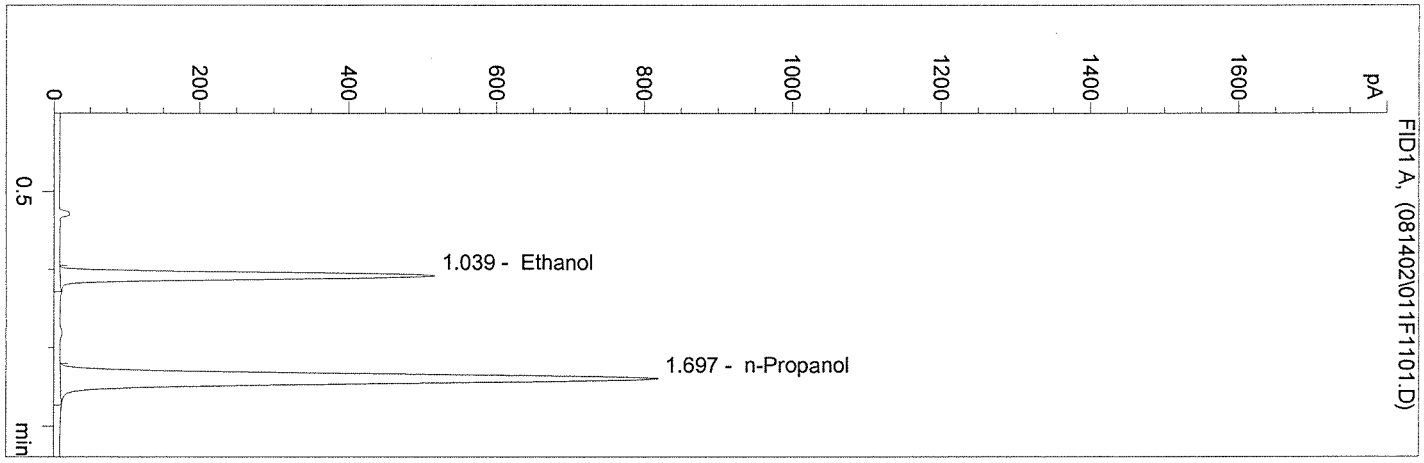
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
8/14/02 10:15:19 AM
Instrument 1
DB-ALC1

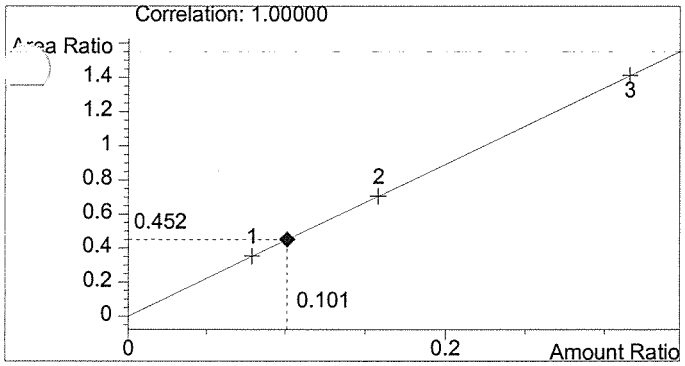
02030 SIM SOL
RUTH LUTHI

vial # 11

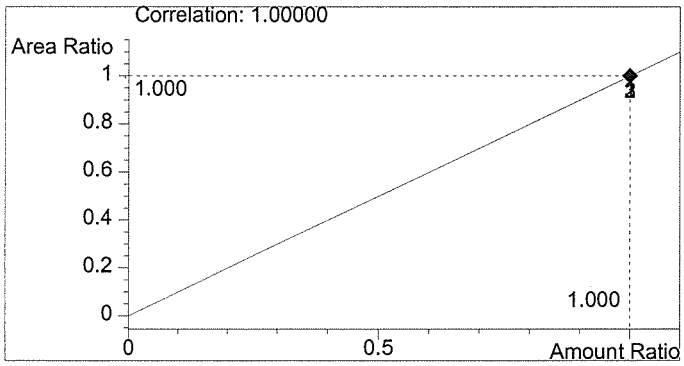


#	Compound	Area	RT
1	Ethanol	1544	1.039
2	n-Propanol	3416	1.697

Totals:



Ethanol 0.101 g/100ml



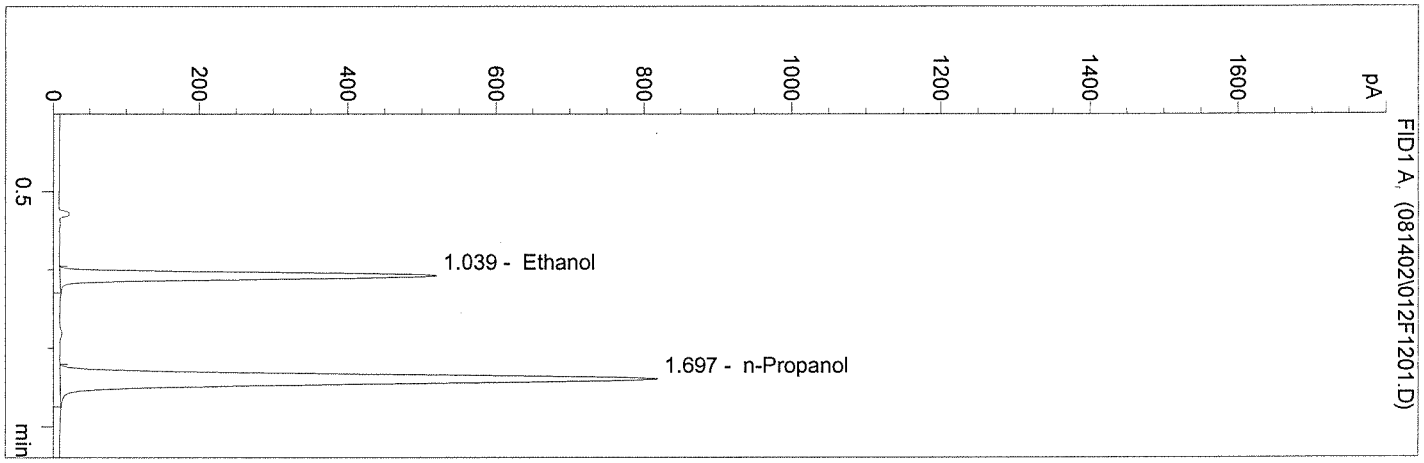
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
8/14/02 10:18:06 AM
Instrument 1
DB-ALC1

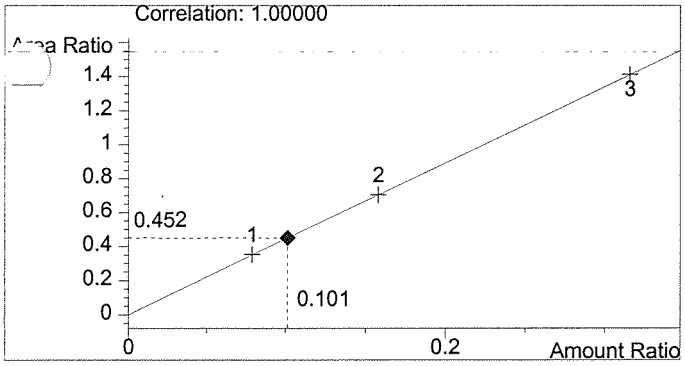
02030 SIM SOL
RUTH LUTHI

vial # 12

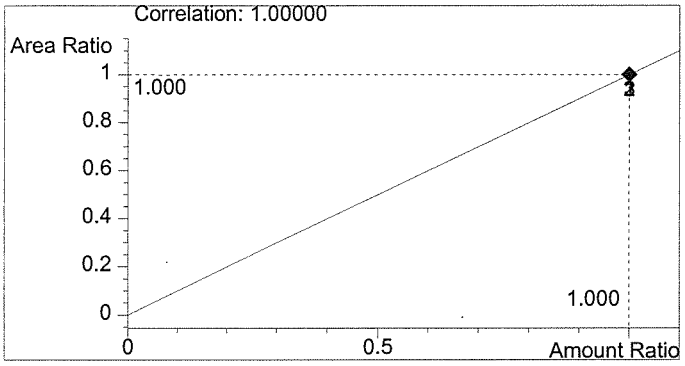


#	Compound	Area	RT
1	Ethanol	1536	1.039
2	n-Propanol	3395	1.697

Totals:



Ethanol 0.101 g/100ml



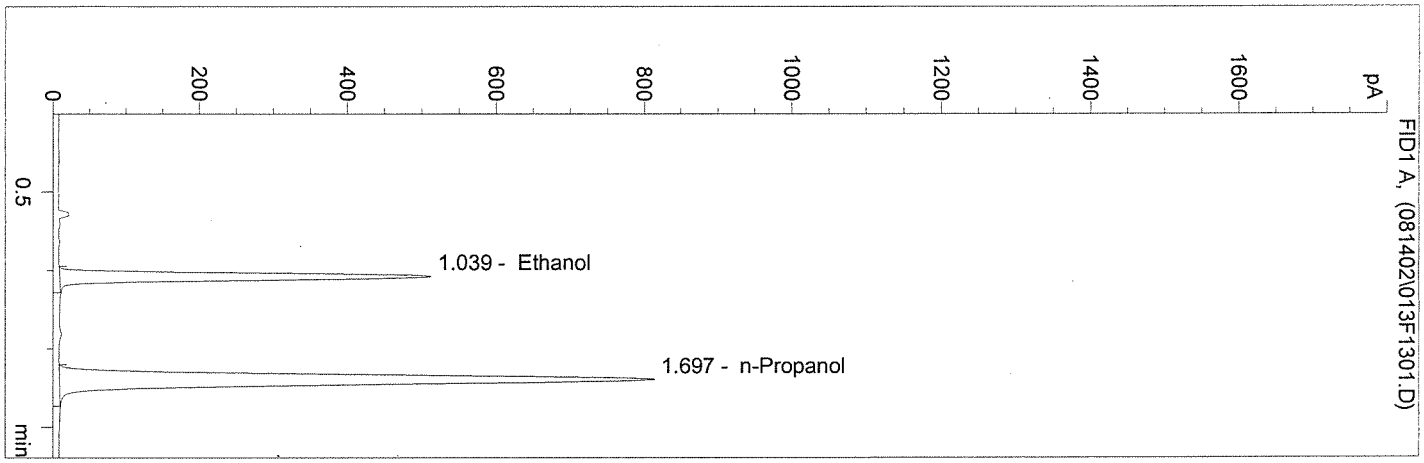
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
8/14/02 10:21:17 AM
Instrument 1
DB-ALC1

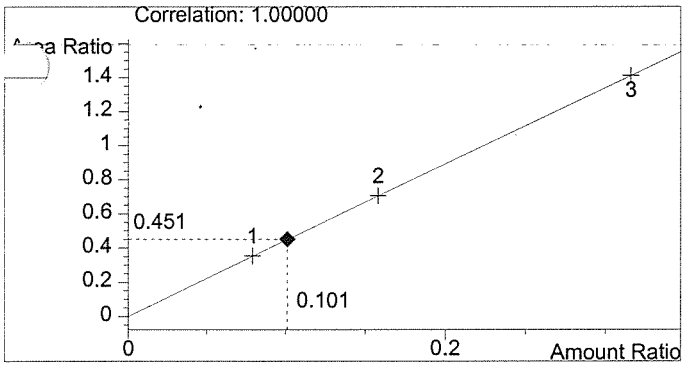
02030 SIM SOL
RUTH LUTHI

vial # 13

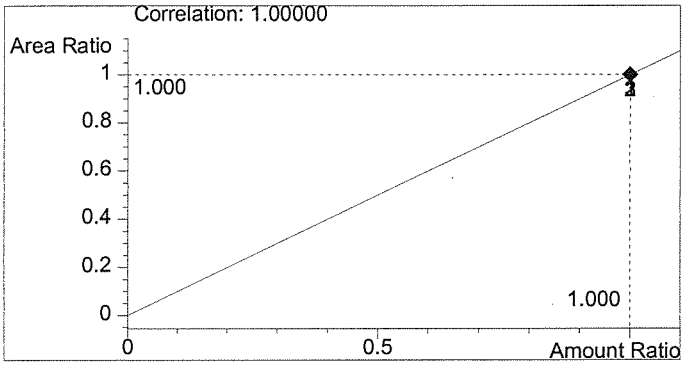


#	Compound	Area	RT
1	Ethanol	1528	1.039
2	n-Propanol	3389	1.697

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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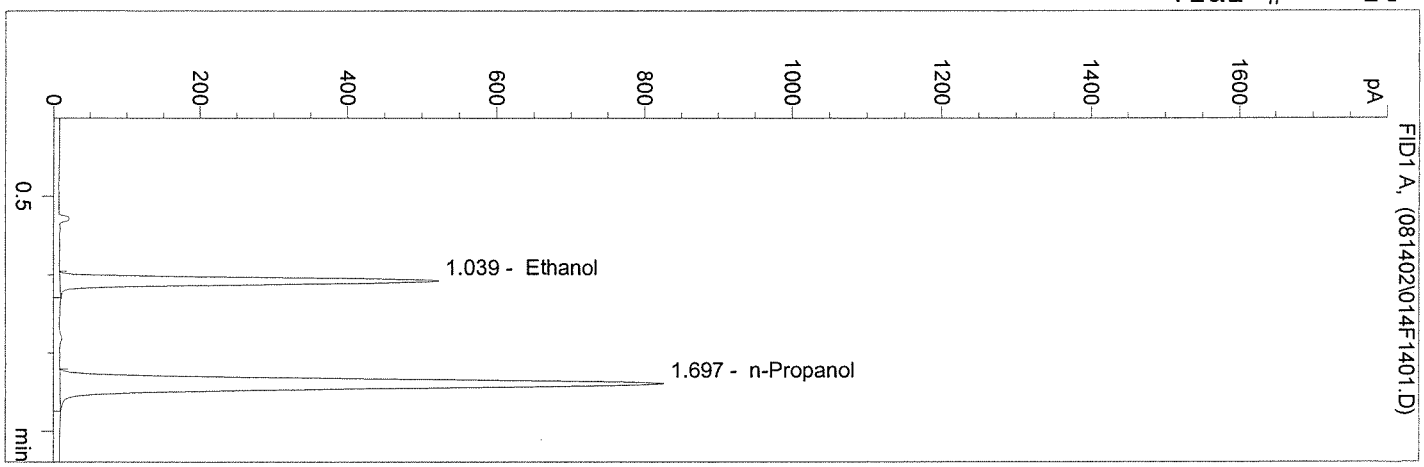
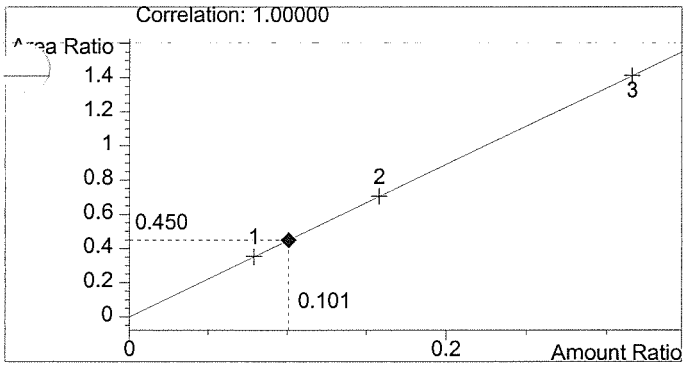
8/14/02 10:24:12 AM
Instrument 1
DB-ALC1

02030 SIM SOL
RUTH LUTHI

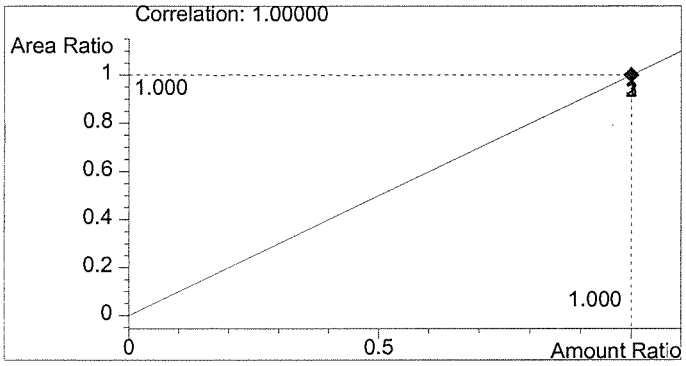
vial # 14



#	Compound	Area	RT
1	Ethanol	1547	1.039
2	n-Propanol	3436	1.697
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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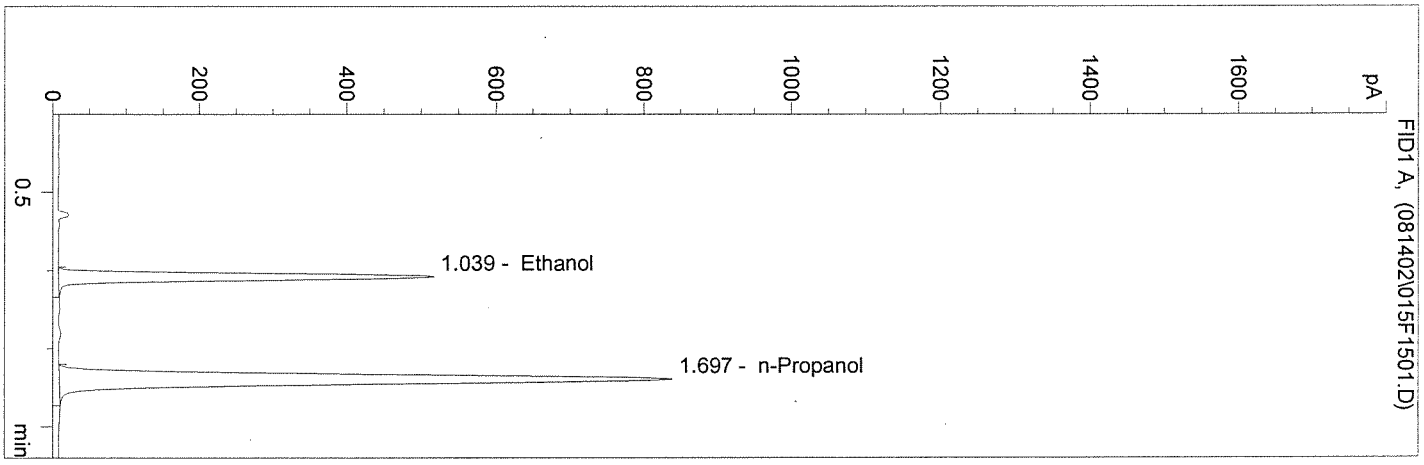
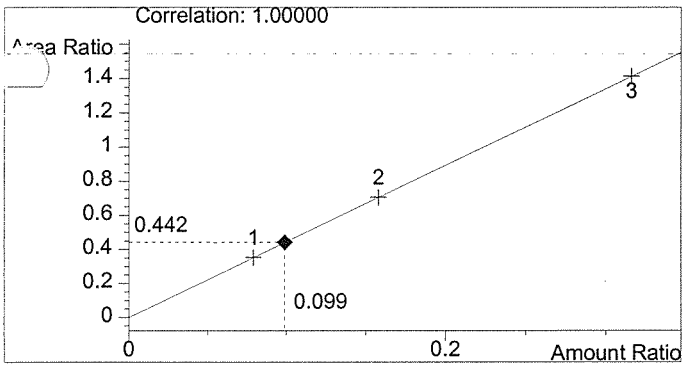
8/14/02 10:26:54 AM
Instrument 1
DB-ALC1

0.100 CTRL
RUTH LUTHI

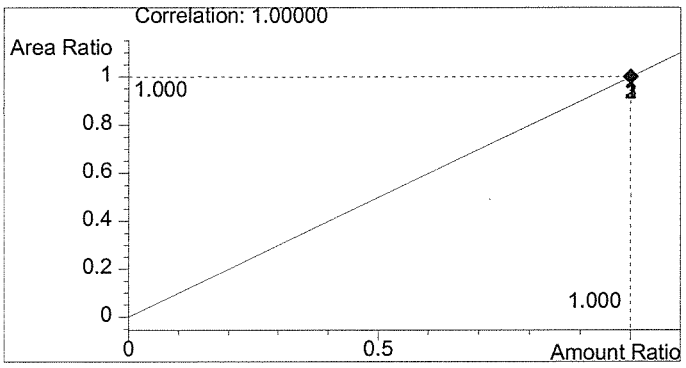
vial # 15



#	Compound	Area	RT
1	Ethanol	1537	1.039
2	n-Propanol	3480	1.697
Totals:			



Ethanol 0.099 g/100ml



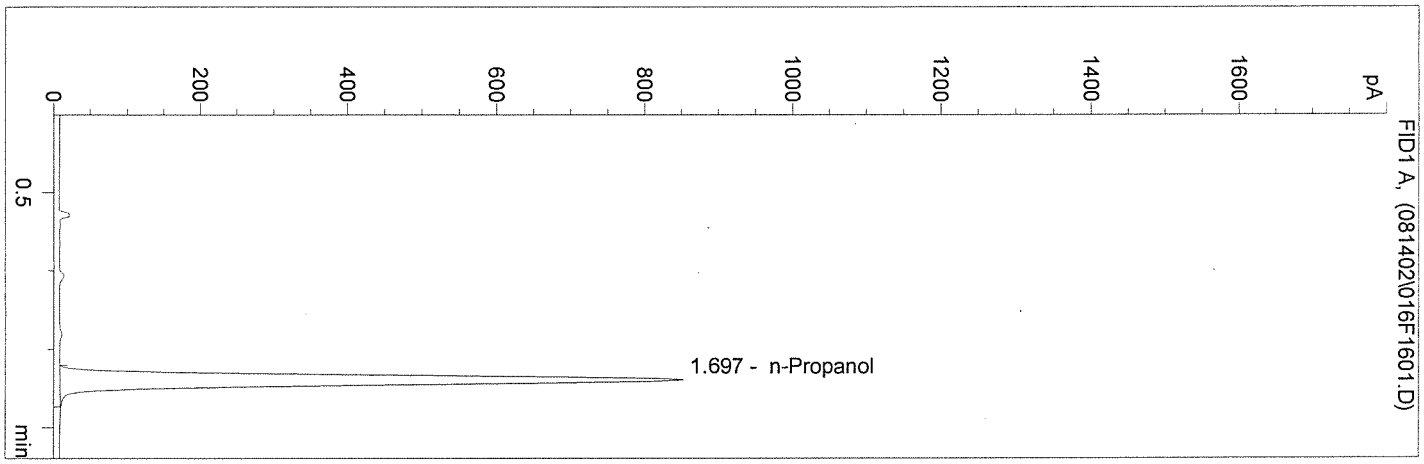
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
8/14/02 10:29:45 AM
Instrument 1
DB-ALC1

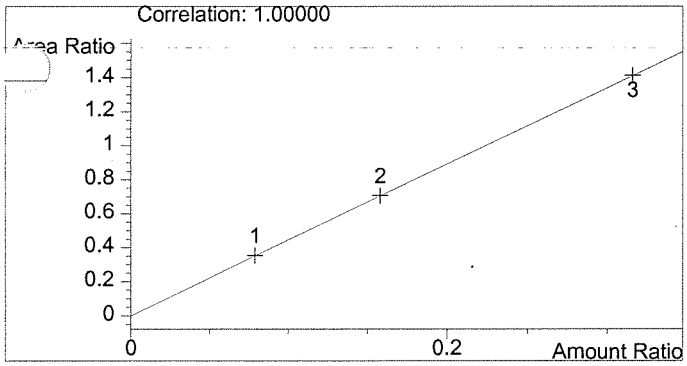
BLANK
RUTH LUTHI

vial # 16

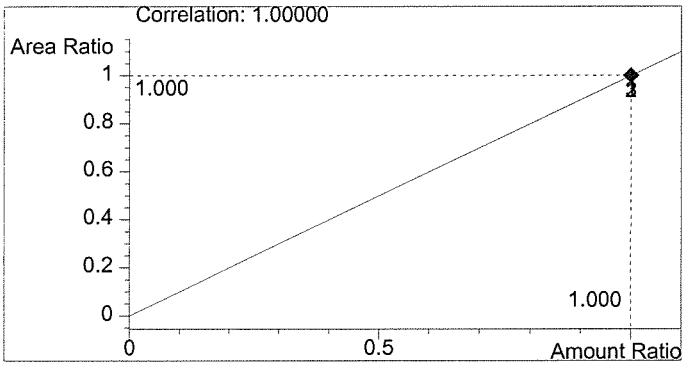


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3544	1.697

Totals:



Ethanol 0.000 g/100ml



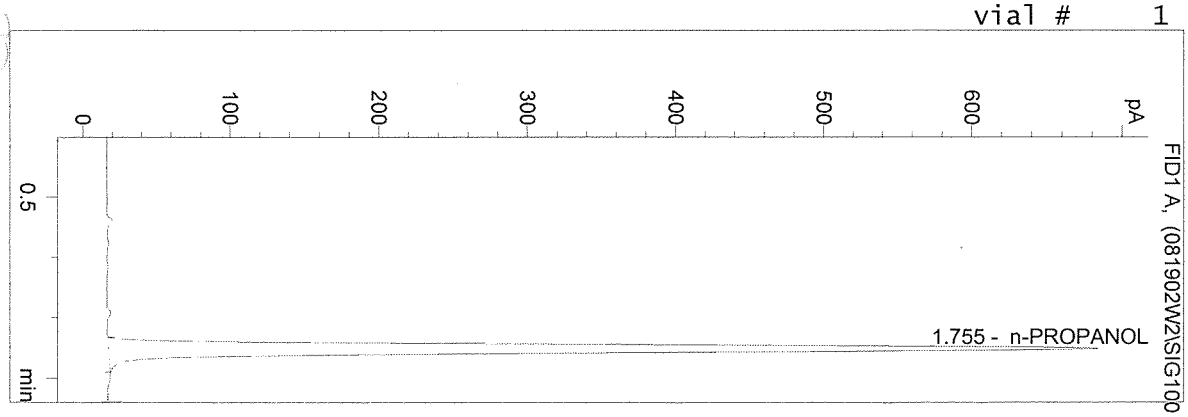
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 8:48:12 AM
Instrument 3
^B-ALC1

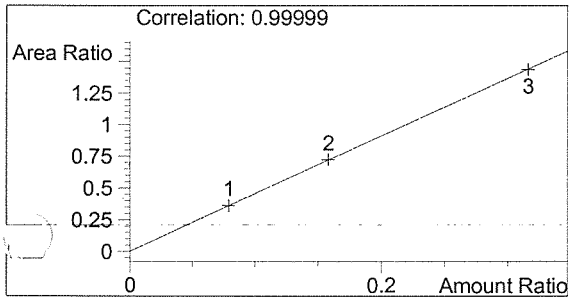
BLANK
WP MARSHALL

vial # 1

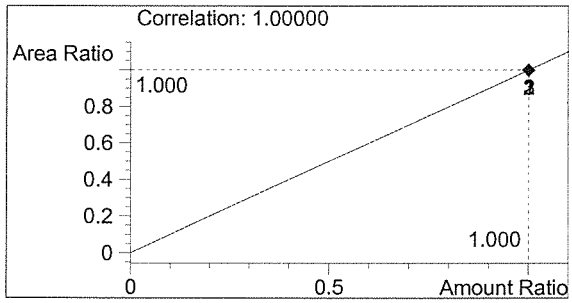


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2996	1.755

Totals:



ETHANOL 0.000 mg/L



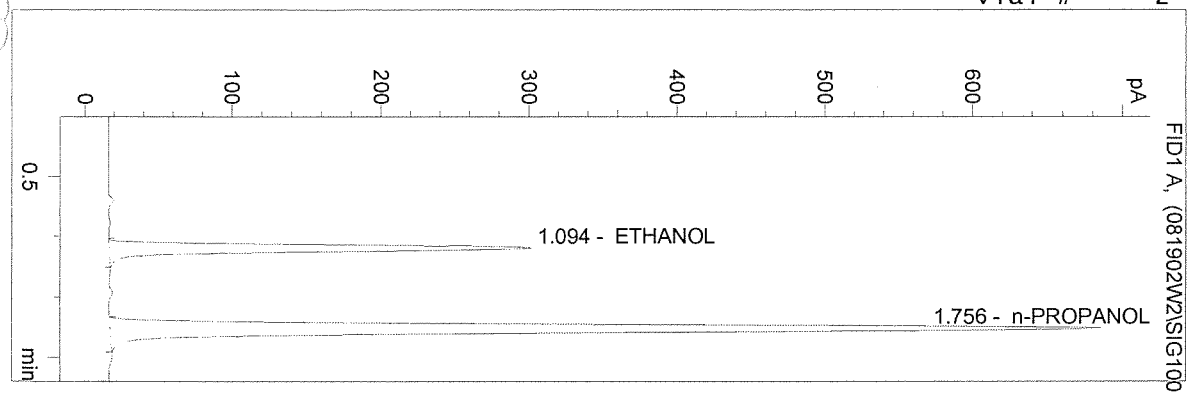
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 8:51:22 AM
Instrument 3
DB-ALC1

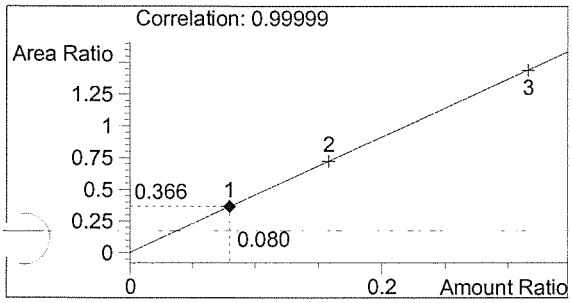
0.079 CAL
WP MARSHALL

vial # 2

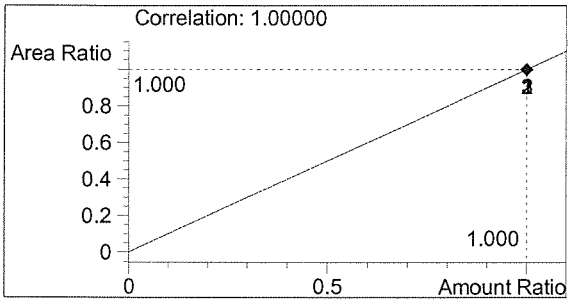


#	Compound	Area	RT
1	ETHANOL	1104	1.094
2	n-PROPANOL	3016	1.756

Totals:



ETHANOL 0.080 mg/L



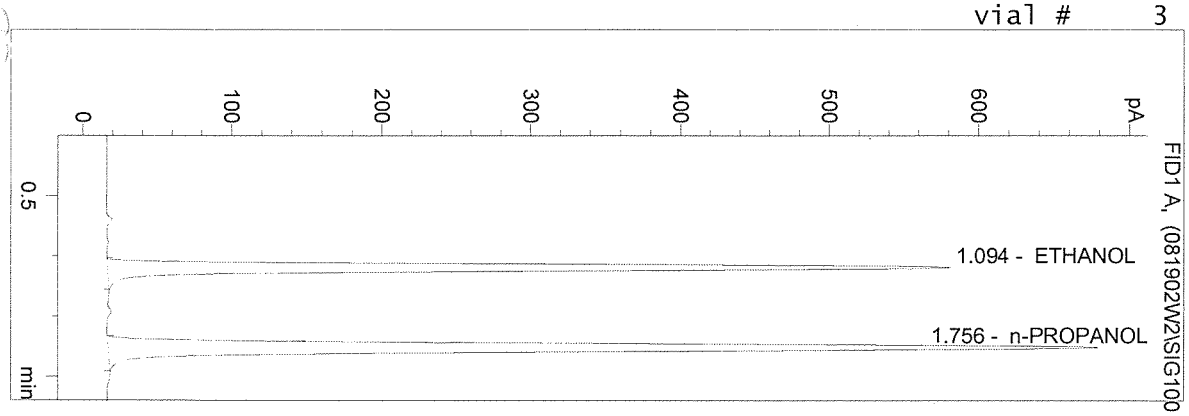
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 8:54:31 AM
Instrument 3
DB-ALC1

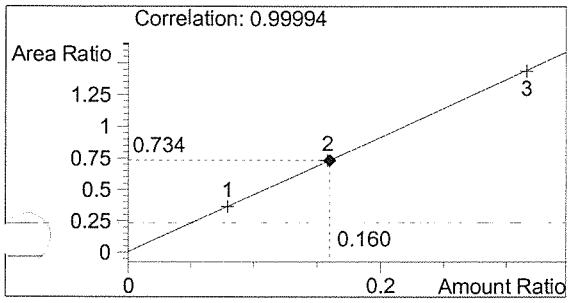
0.158 CAL
WP MARSHALL

vial # 3

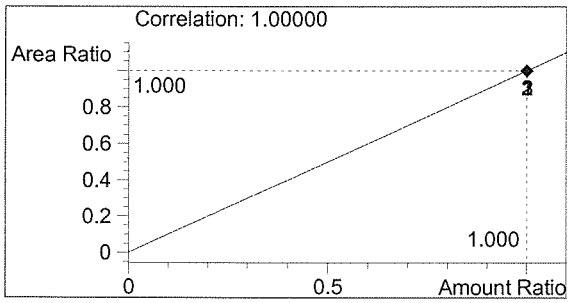


#	Compound	Area	RT
1	ETHANOL	2197	1.094
2	n-PROPANOL	2993	1.756

Totals:



ETHANOL 0.160 mg/L



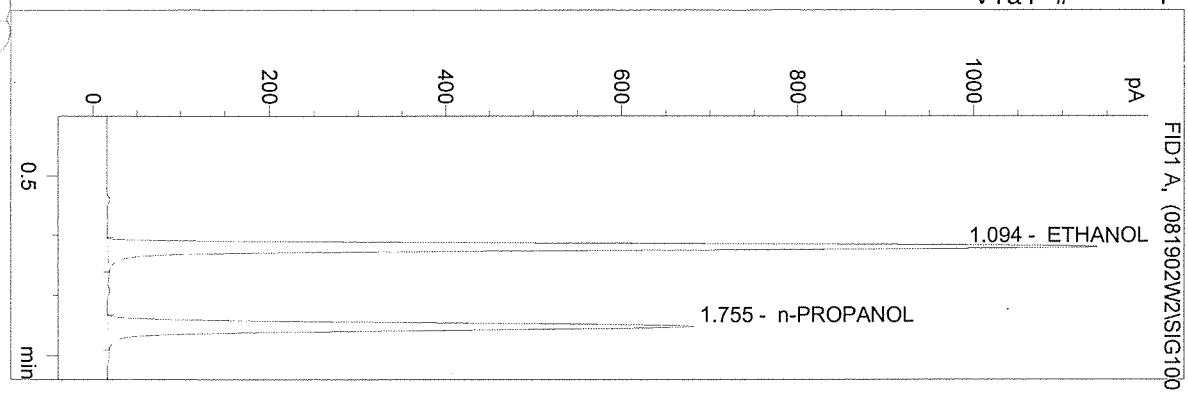
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 8:57:41 AM
Instrument 3
DB-ALC1

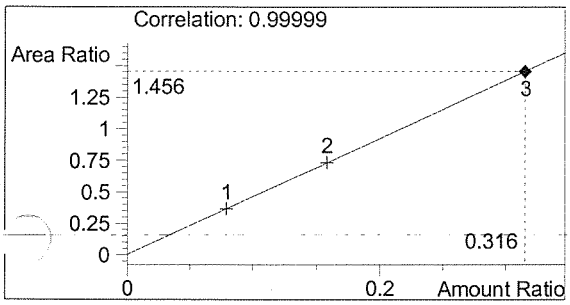
0.316 CAL
WP MARSHALL

vial # 4

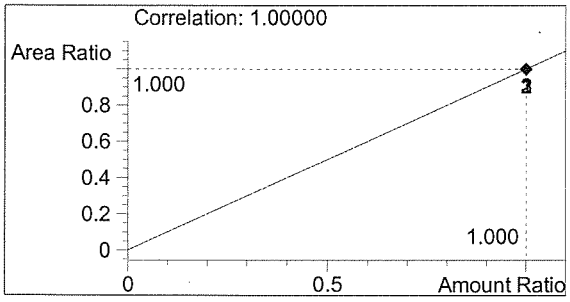


#	Compound	Area	RT
1	ETHANOL	4373	1.094
2	n-PROPANOL	3004	1.755

Totals:



ETHANOL 0.316 mg/L



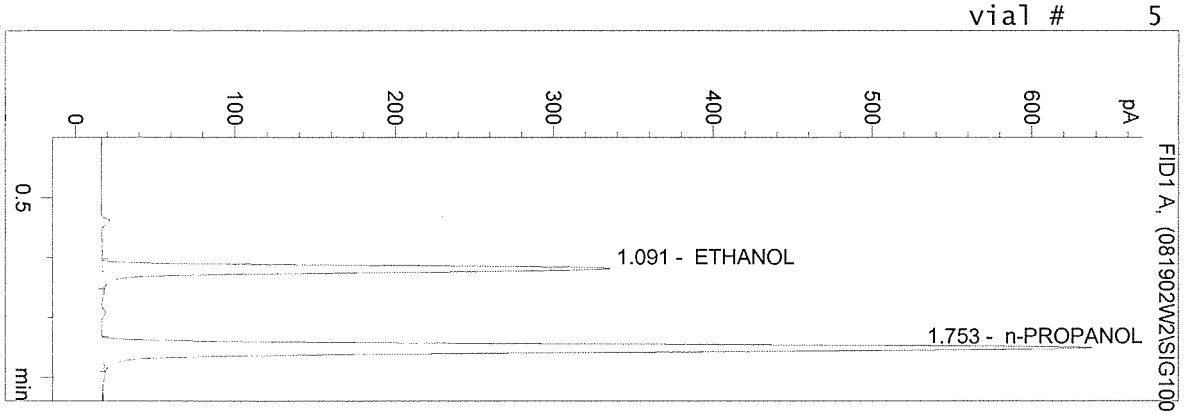
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 9:01:08 AM
Instrument 3
DB-ALC1

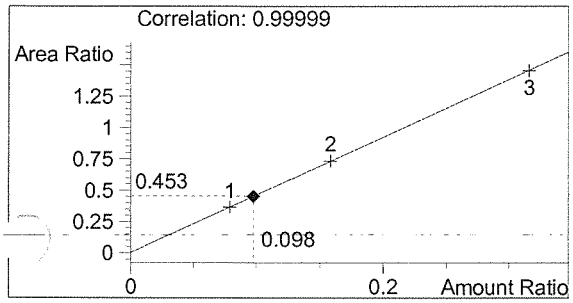
0.100 CONTROL
WP MARSHALL

vial # 5

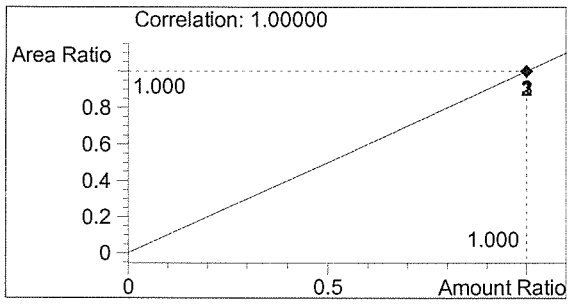


#	Compound	Area	RT
1	ETHANOL	1305	1.091
2	n-PROPANOL	2879	1.753

Totals:



ETHANOL 0.098 mg/L



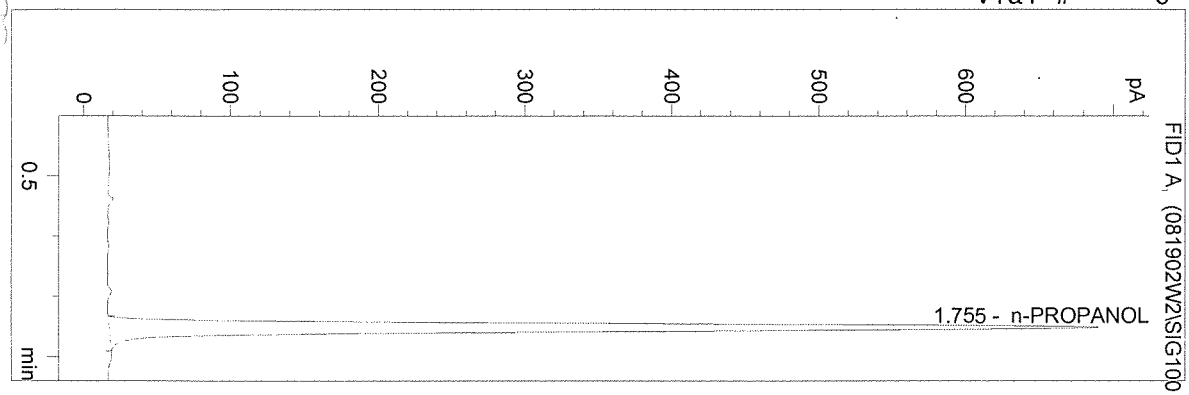
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 9:04:17 AM
Instrument 3
DB-ALC1

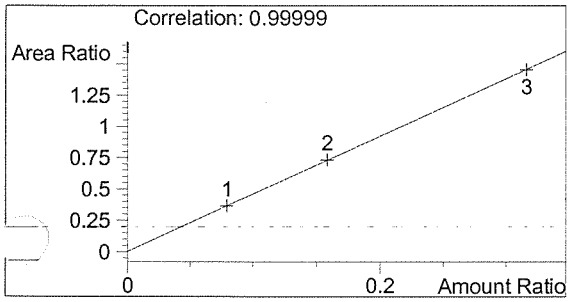
BLANK
WP MARSHALL

vial # 6

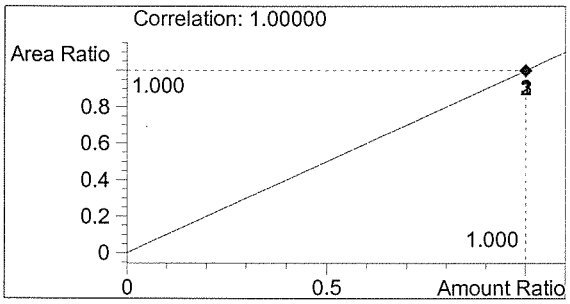


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3015	1.755

Totals:



ETHANOL 0.000 mg/L



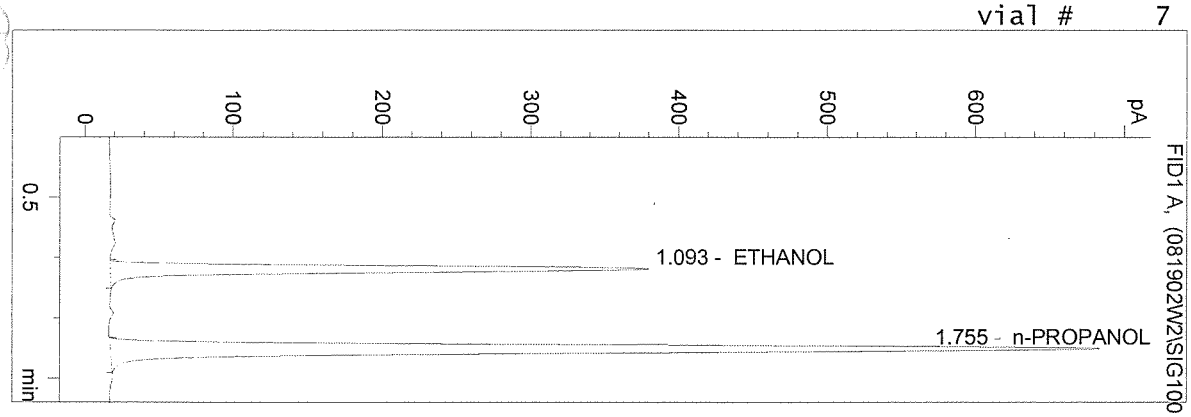
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 9:07:27 AM
Instrument 3
DB-ALC1

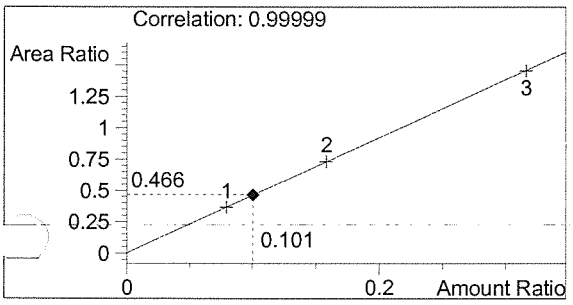
SIM 02030
WP MARSHALL

vial # 7

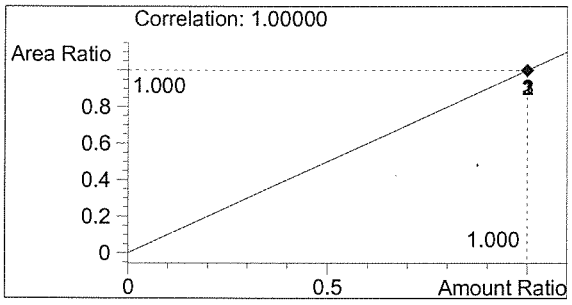


#	Compound	Area	RT
1	ETHANOL	1397	1.093
2	n-PROPANOL	3000	1.755

Totals:



ETHANOL 0.101 mg/L



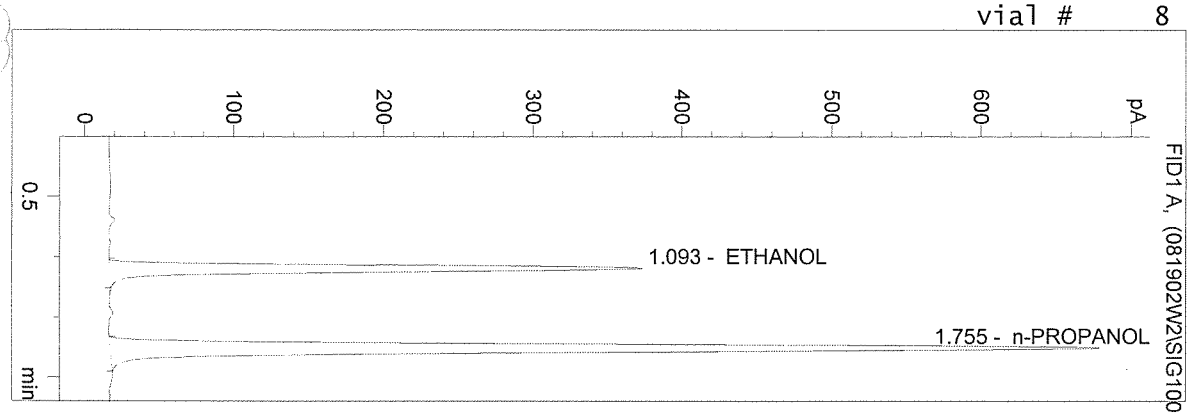
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 9:10:36 AM
Instrument 3
DB-ALC1

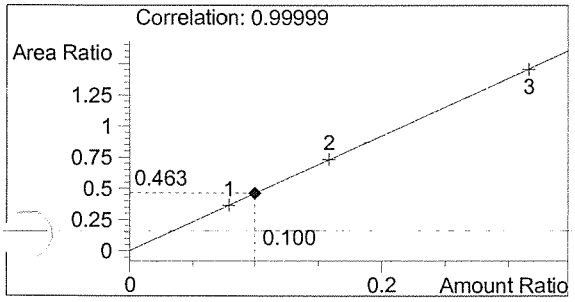
SIM02030
WP MARSHALL

vial # 8

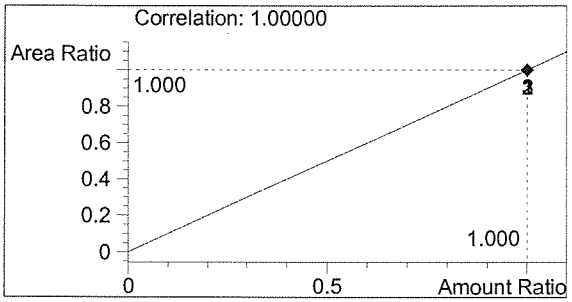


#	Compound	Area	RT
1	ETHANOL	1386	1.093
2	n-PROPANOL	2991	1.755

Totals:



ETHANOL 0.100 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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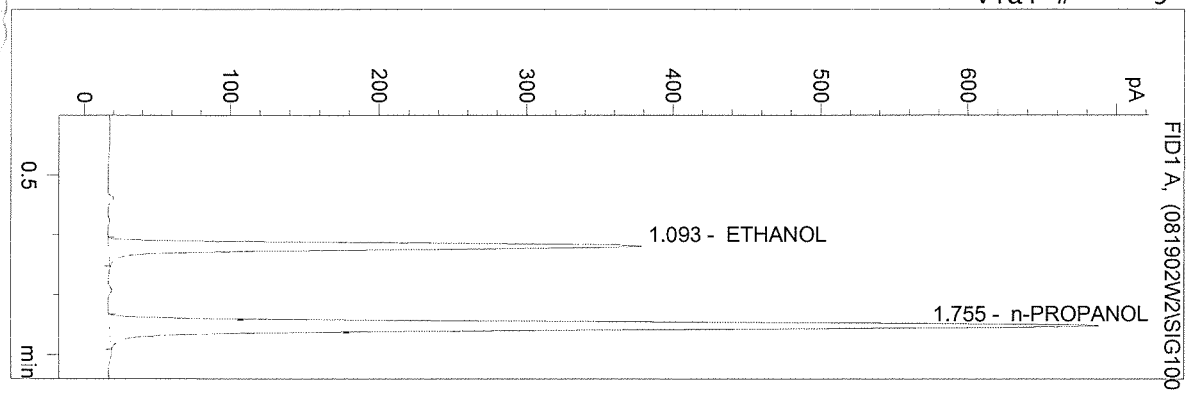
8/19/02 9:14:01 AM
Instrument 3
DB-ALC1

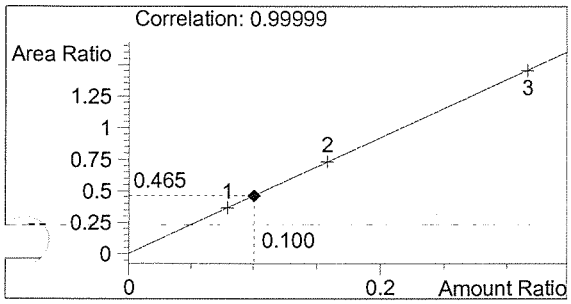
SIM02030
WP MARSHALL

vial # 9

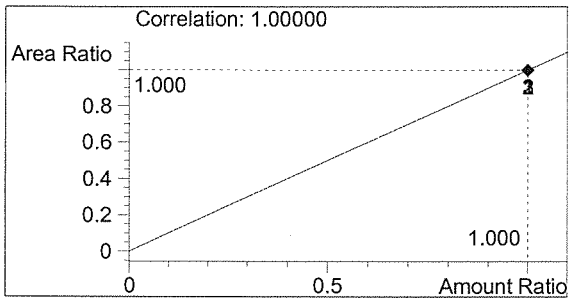


#	Compound	Area	RT
1	ETHANOL	1409	1.093
2	n-PROPANOL	3033	1.755

Totals:



ETHANOL 0.100 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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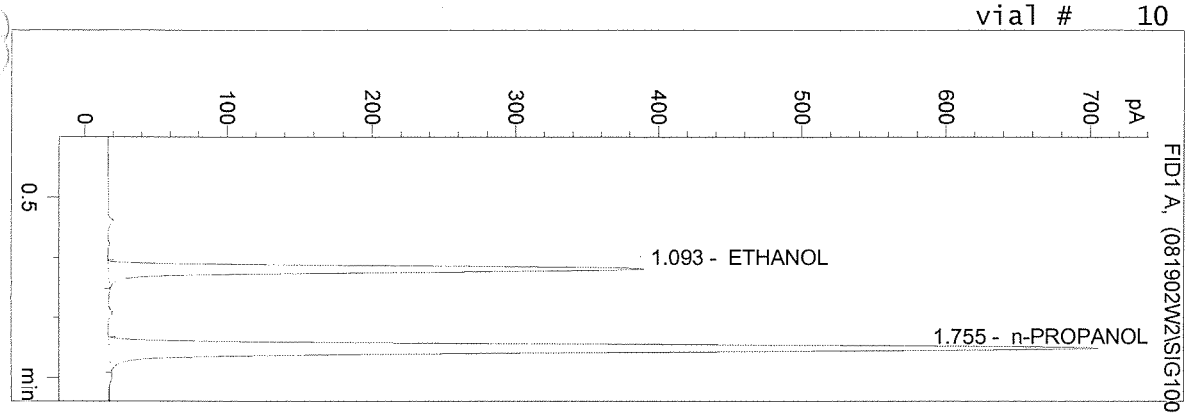
8/19/02 9:17:10 AM
Instrument 3
DB-ALC1

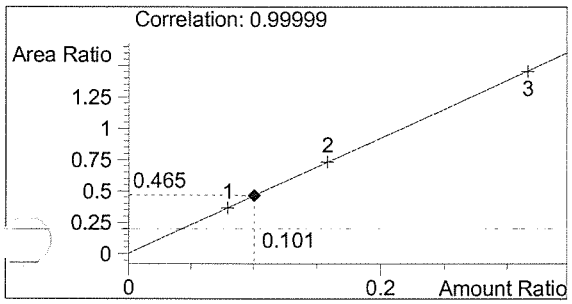
SIM02030
WP MARSHALL

vial # 10

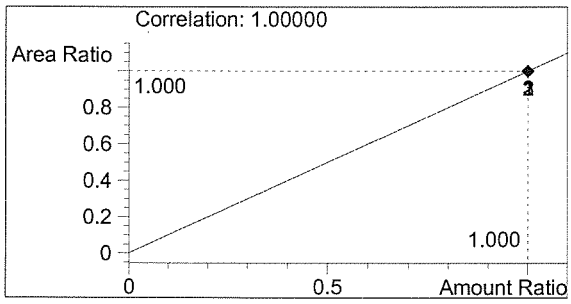


#	Compound	Area	RT
1	ETHANOL	1441	1.093
2	n-PROPANOL	3097	1.755

Totals:



ETHANOL 0.101 mg/L



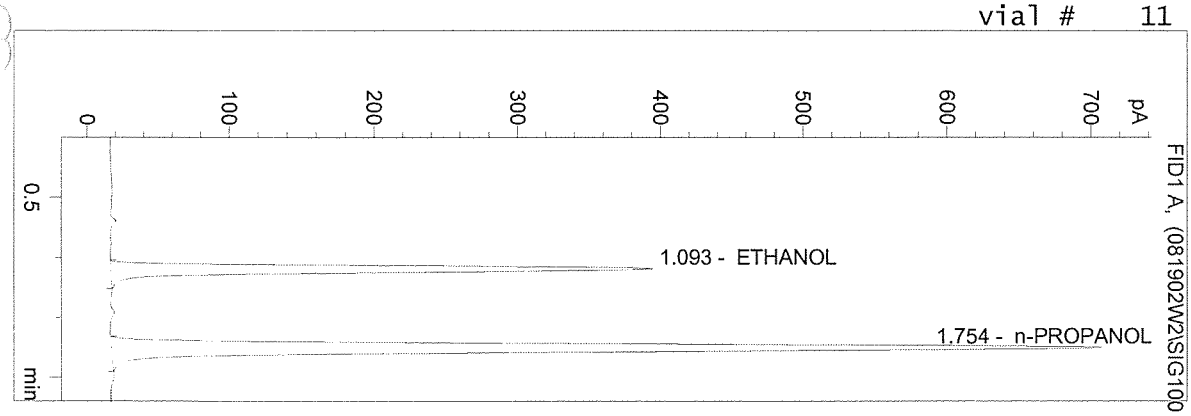
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/19/02 9:20:20 AM
Instrument 3
DB-ALC1

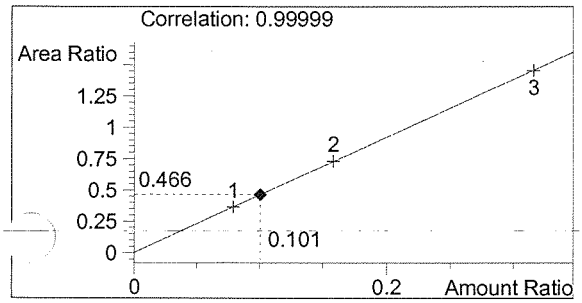
SIM02030
WP MARSHALL

vial # 11

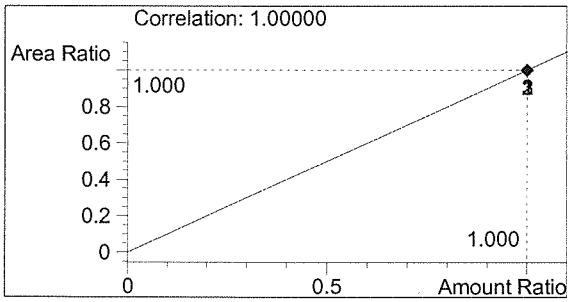


#	Compound	Area	RT
1	ETHANOL	1440	1.093
2	n-PROPANOL	3089	1.754

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	0.100 CONTROL	BLDALCO3	1	Ctrl Samp		
6	6	BLANK	BLDALCO3	1	Sample		
7	7	SIM 02030	BLDALCO3	1	Sample		
8	8	SIM02030	BLDALCO3	1	Sample		
9	9	SIM02030	BLDALCO3	1	Sample		
10	10	SIM02030	BLDALCO3	1	Sample		
11	11	SIM02030	BLDALCO3	1	Sample		

Sequence Table (Back Injector):

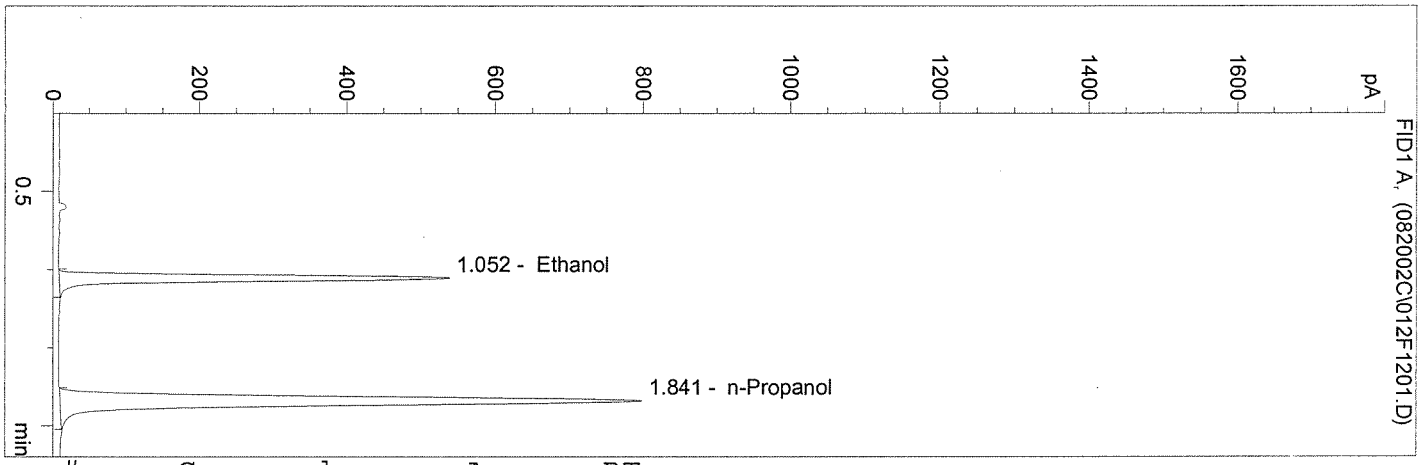
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/20/02 9:08:33 AM
Instrument 2
DB-ALC1

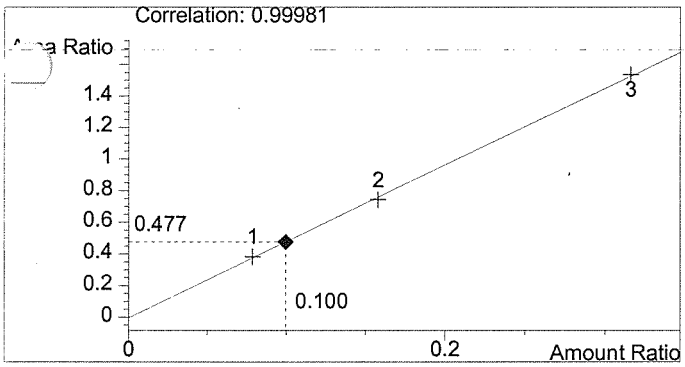
02030 SIM SOLN
m pemberton

vial # 12

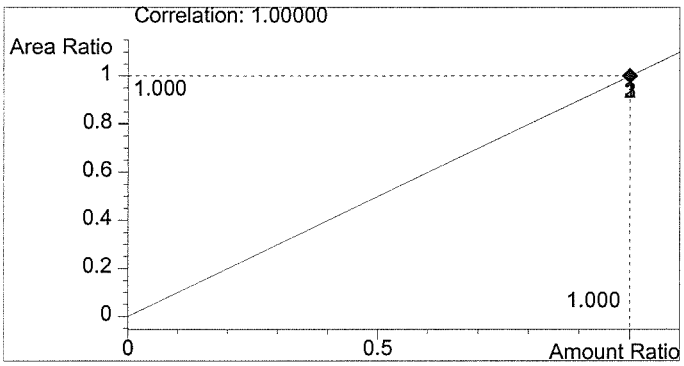


#	Compound	Area	RT
1	Ethanol	1455	1.052
2	n-Propanol	3052	1.841

Totals:



Ethanol 0.100 g/100ml



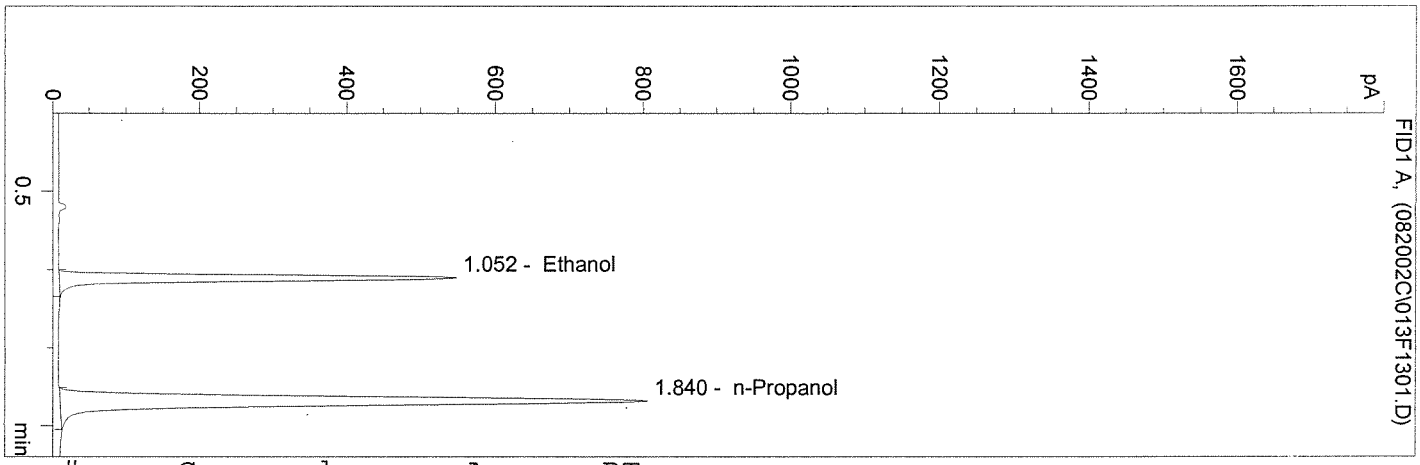
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/20/02 9:11:50 AM
Instrument 2
DB-ALC1

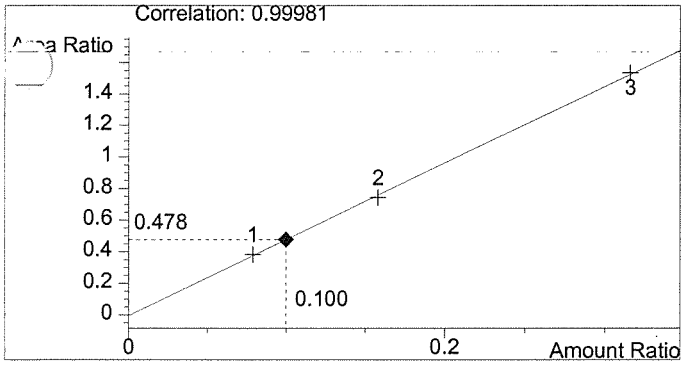
02030 SIM SOLN
m pemberton

vial # 13

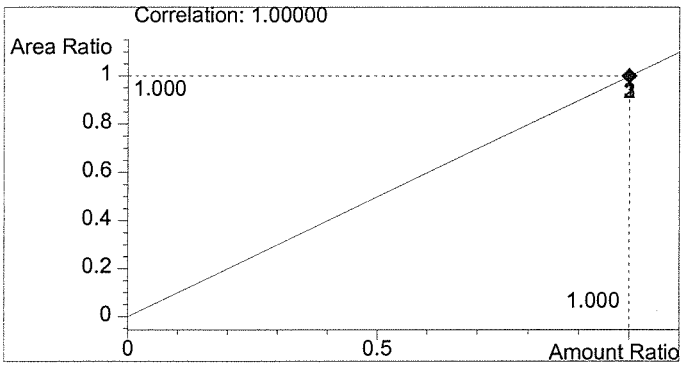


#	Compound	Area	RT
1	Ethanol	1472	1.052
2	n-Propanol	3082	1.840

Totals:



Ethanol 0.100 g/100ml



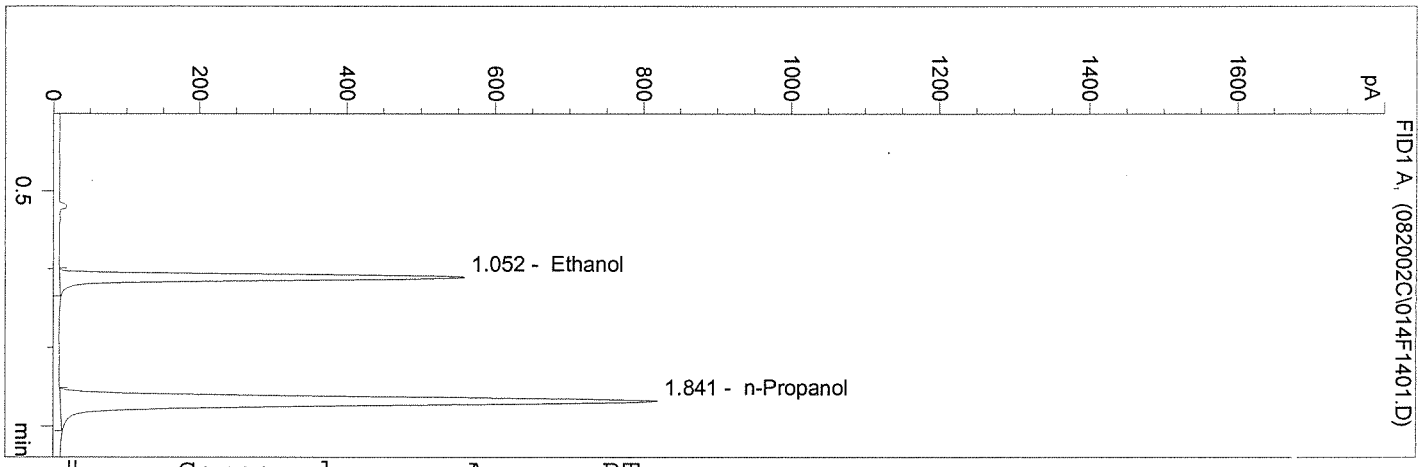
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/20/02 9:14:52 AM
Instrument 2
DB-ALC1

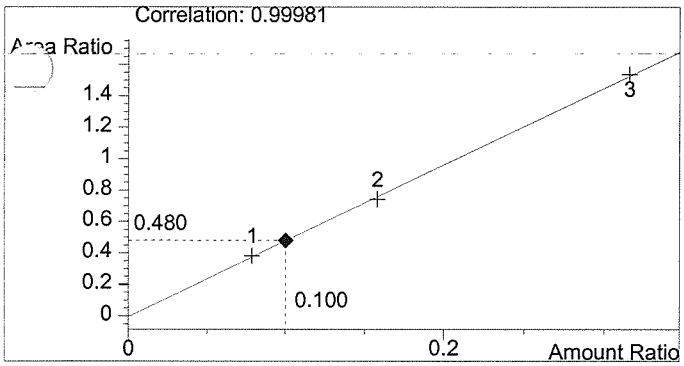
02030 SIM SOLN
m pemberton

vial # 14

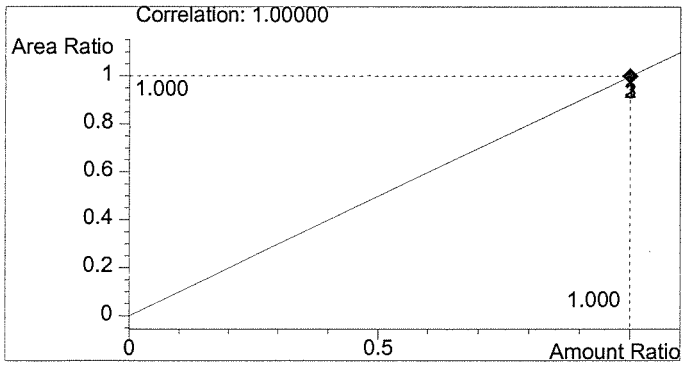


#	Compound	Area	RT
1	Ethanol	1503	1.052
2	n-Propanol	3134	1.841

Totals:



Ethanol 0.100 g/100ml



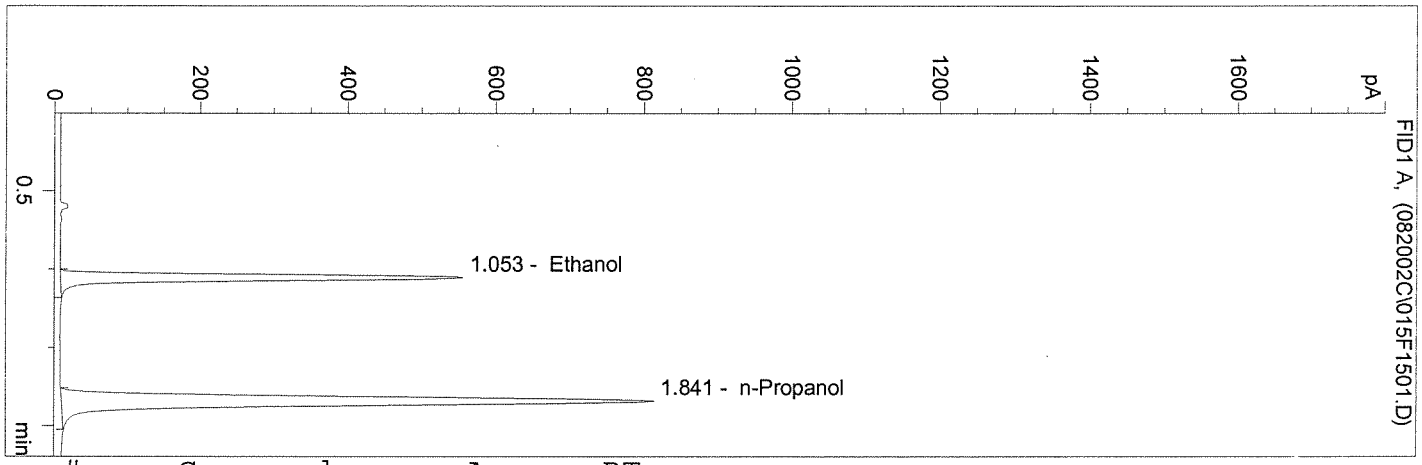
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/20/02 9:17:54 AM
Instrument 2
DB-ALC1

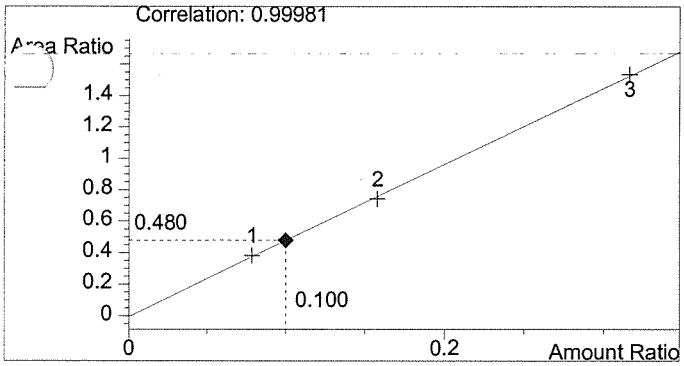
02030 SIM SOLN
m pemberton

vial # 15

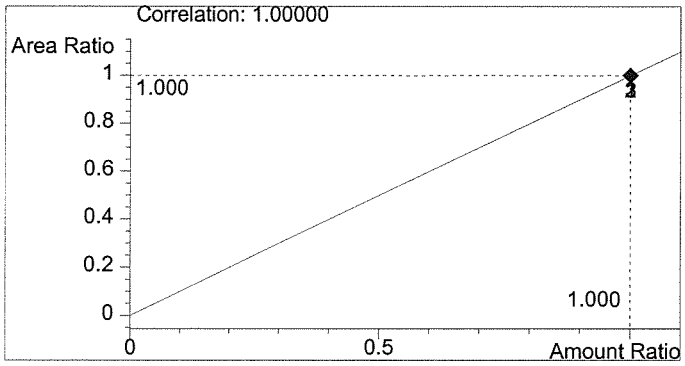


#	Compound	Area	RT
1	Ethanol	1492	1.053
2	n-Propanol	3110	1.841

Totals:



Ethanol 0.100 g/100ml



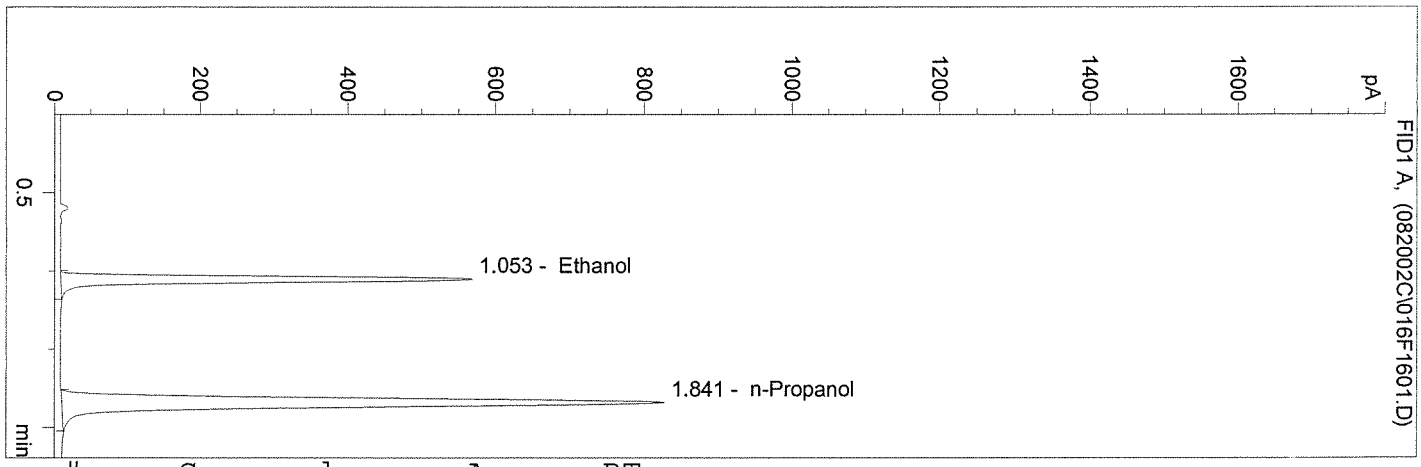
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/20/02 9:20:56 AM
Instrument 2
DB-ALC1

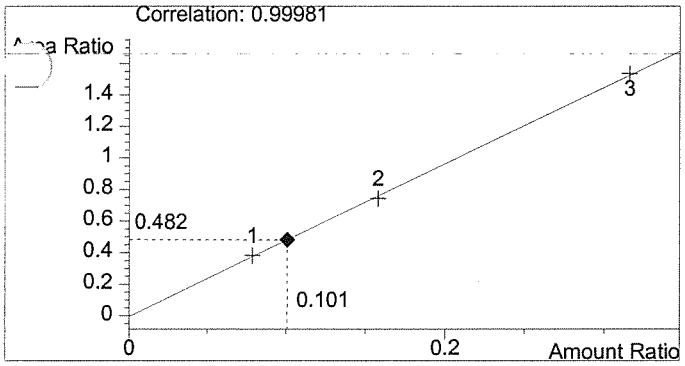
02030 SIM SOLN
m pemberton

vial # 16

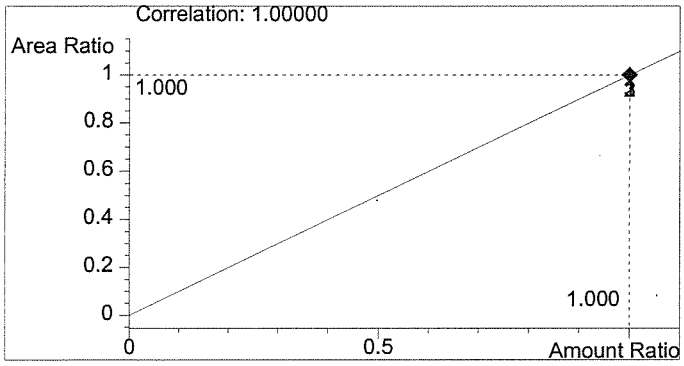


#	Compound	Area	RT
1	Ethanol	1526	1.053
2	n-Propanol	3165	1.841

Totals:



Ethanol 0.101 g/100ml



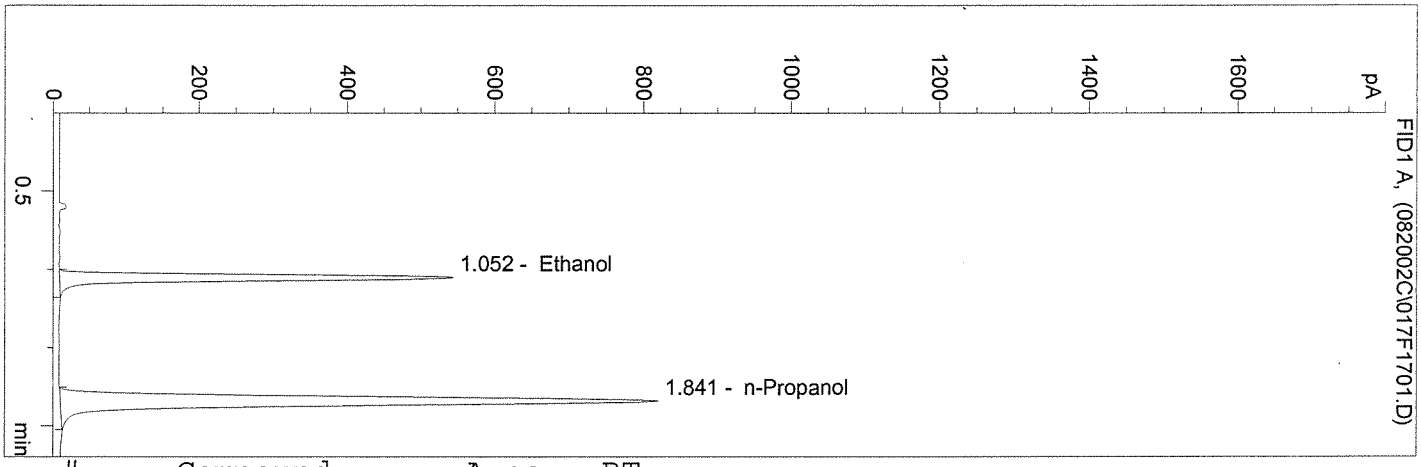
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/20/02 9:24:18 AM
Instrument 2
DB-ALC1

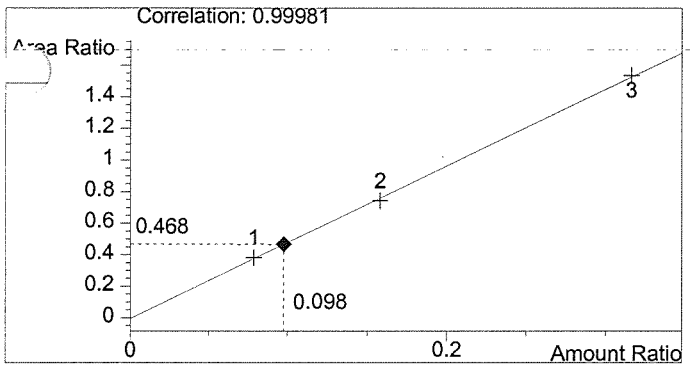
0.10 CONTROL
m pemberton

vial # 17

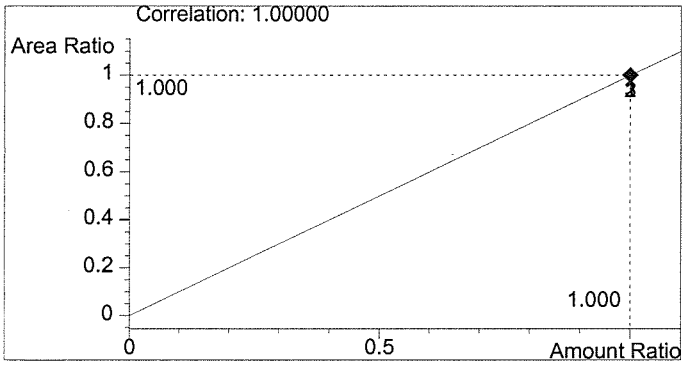


#	Compound	Area	RT
1	Ethanol	1468	1.052
2	n-Propanol	3133	1.841

Totals:



Ethanol 0.098 g/100ml



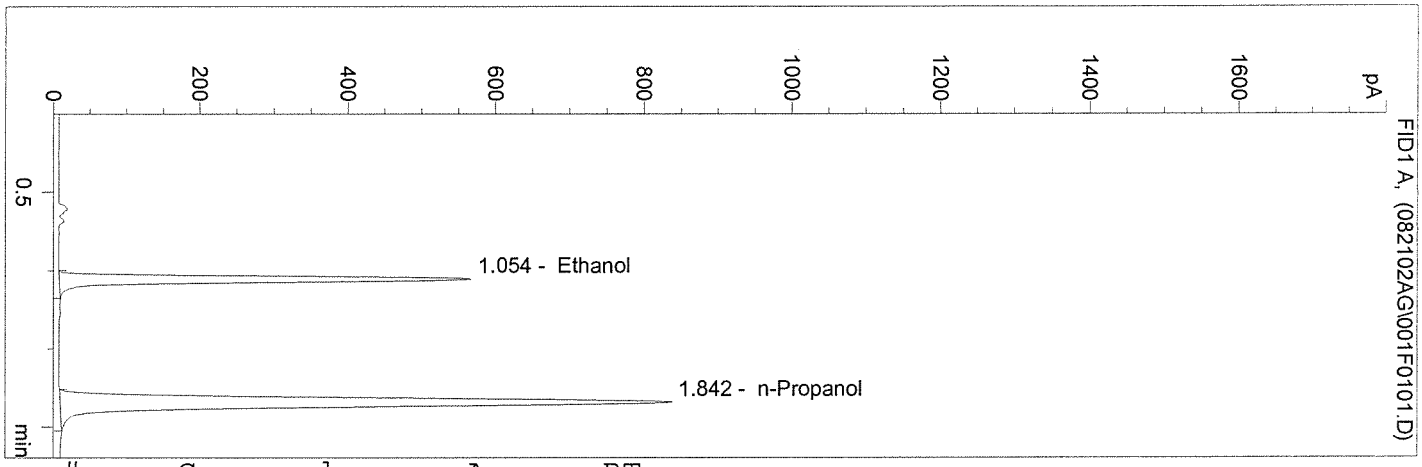
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/21/02 11:52:29 AM
Instrument 2
-ALC1

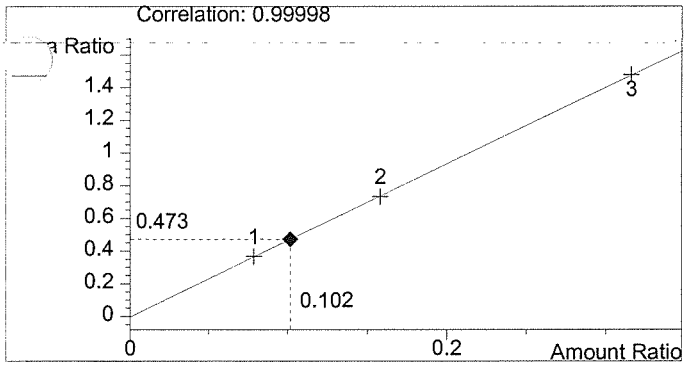
02030
A. GORDON

vial # 1

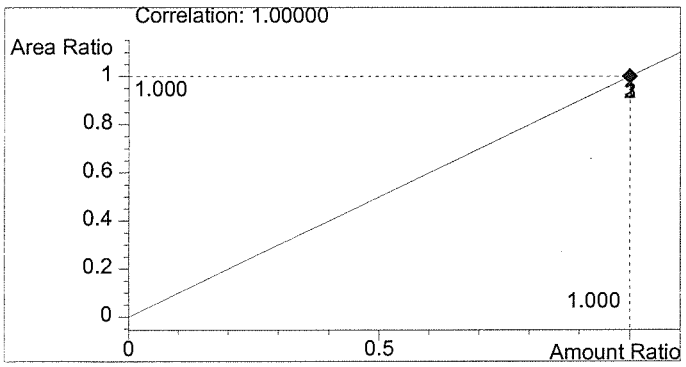


#	Compound	Area	RT
1	Ethanol	1503	1.054
2	n-Propanol	3181	1.842

Totals:



Ethanol 0.102 g/100ml



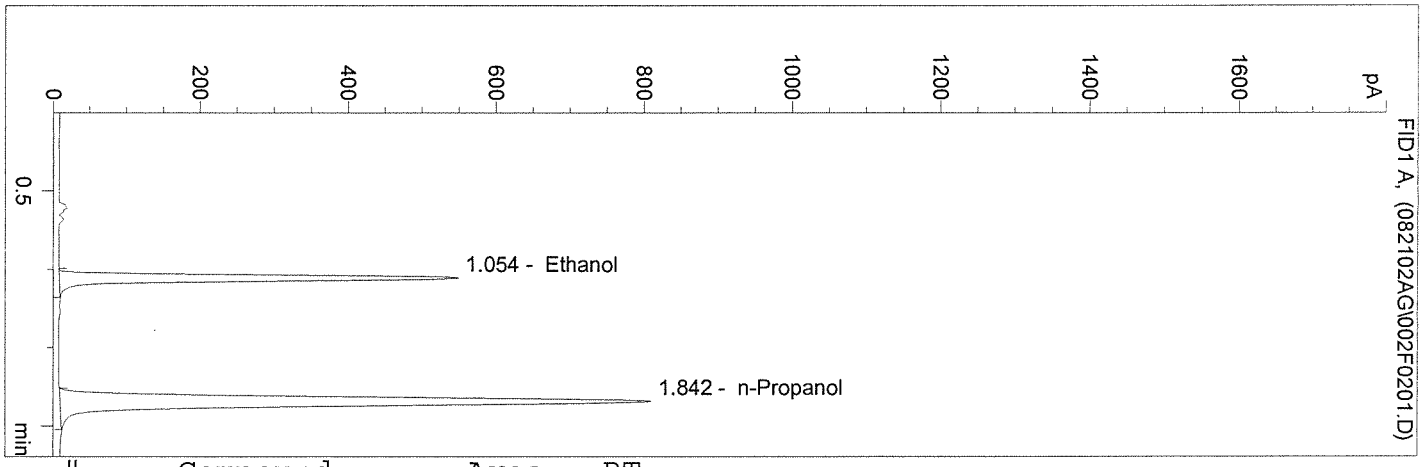
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/21/02 11:55:30 AM
Instrument 2
DB-ALC1

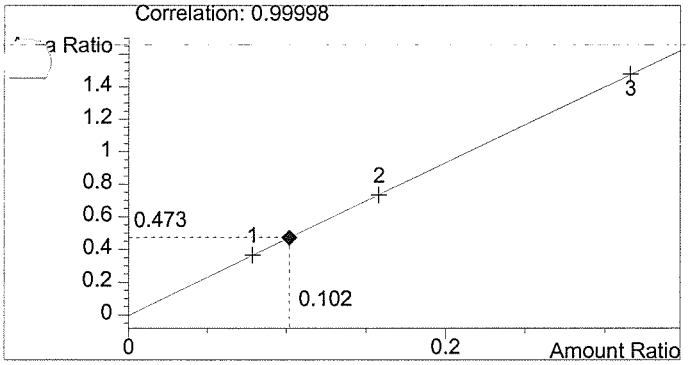
02030
A. GORDON

vial # 2

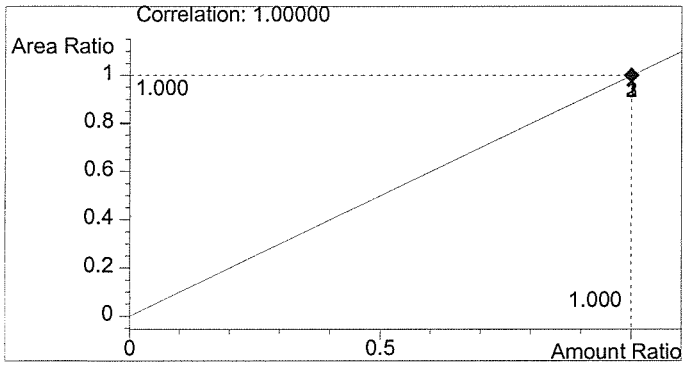


#	Compound	Area	RT
1	Ethanol	1459	1.054
2	n-Propanol	3082	1.842

Totals:



Ethanol 0.102 g/100ml



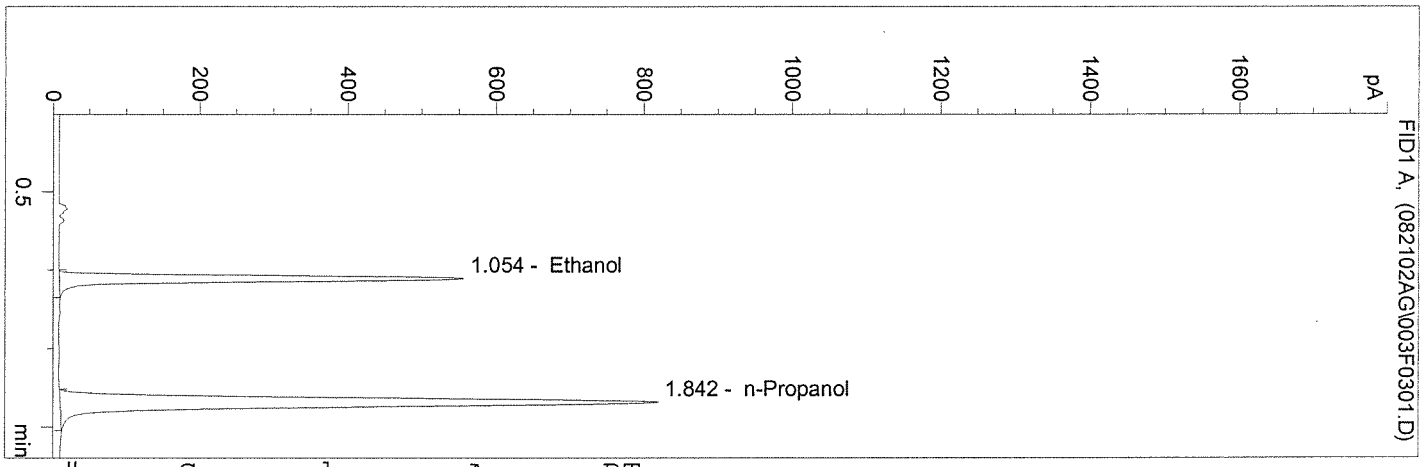
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/21/02 11:58:32 AM
Instrument 2
DB-ALC1

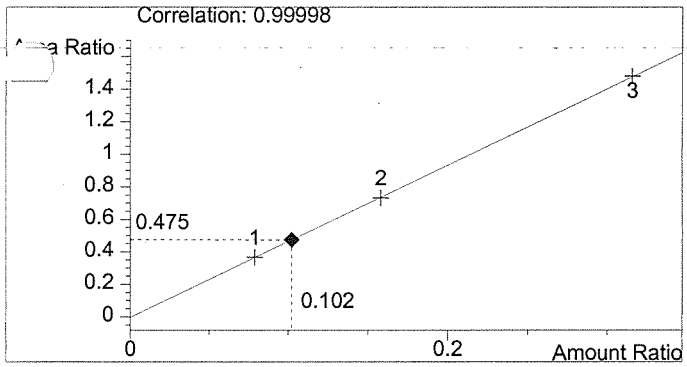
02030
A. GORDON

vial # 3

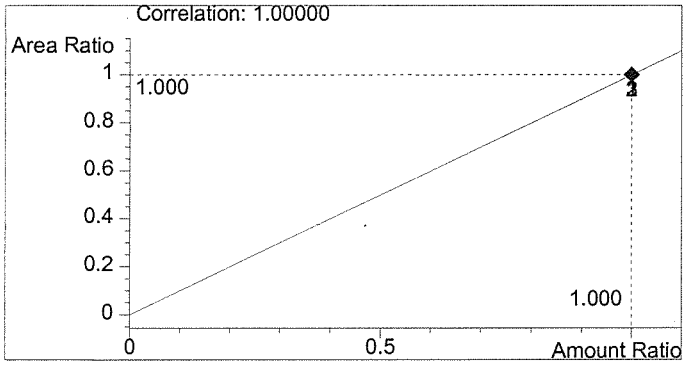


#	Compound	Area	RT
1	Ethanol	1477	1.054
2	n-Propanol	3111	1.842

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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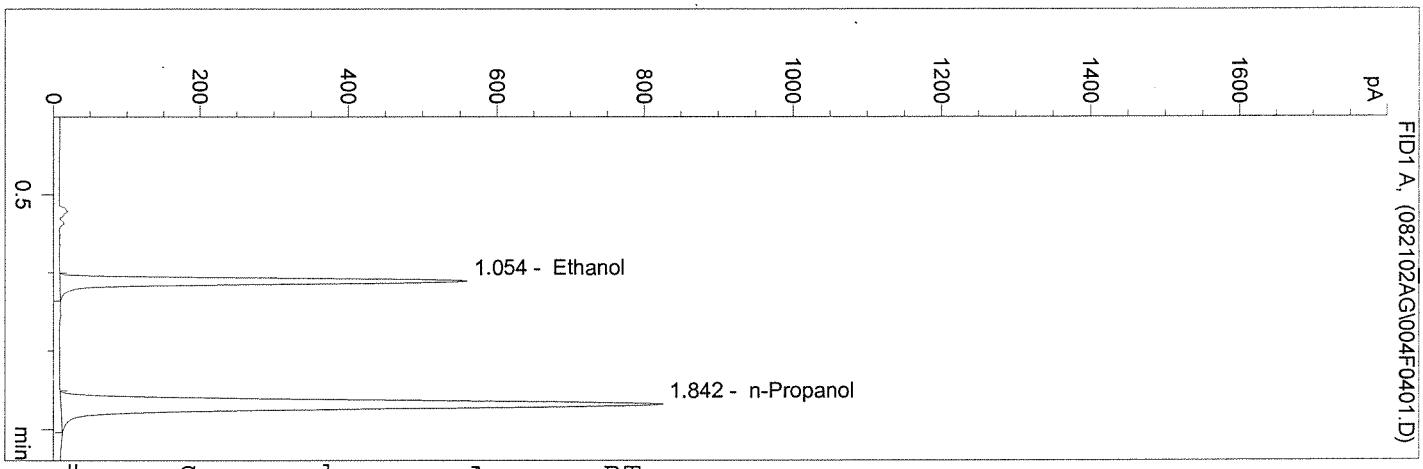
Instrument 2
DB-ALC1

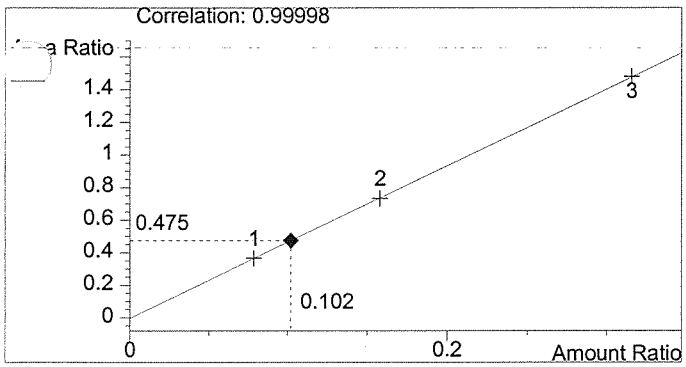
02030
A. GORDON

vial # 4

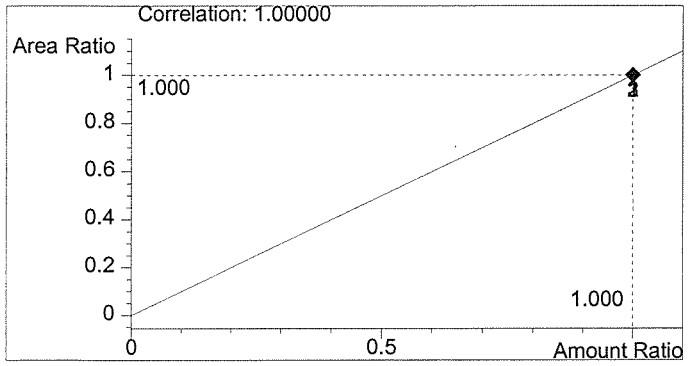


#	Compound	Area	RT
1	Ethanol	1490	1.054
2	n-Propanol	3135	1.842

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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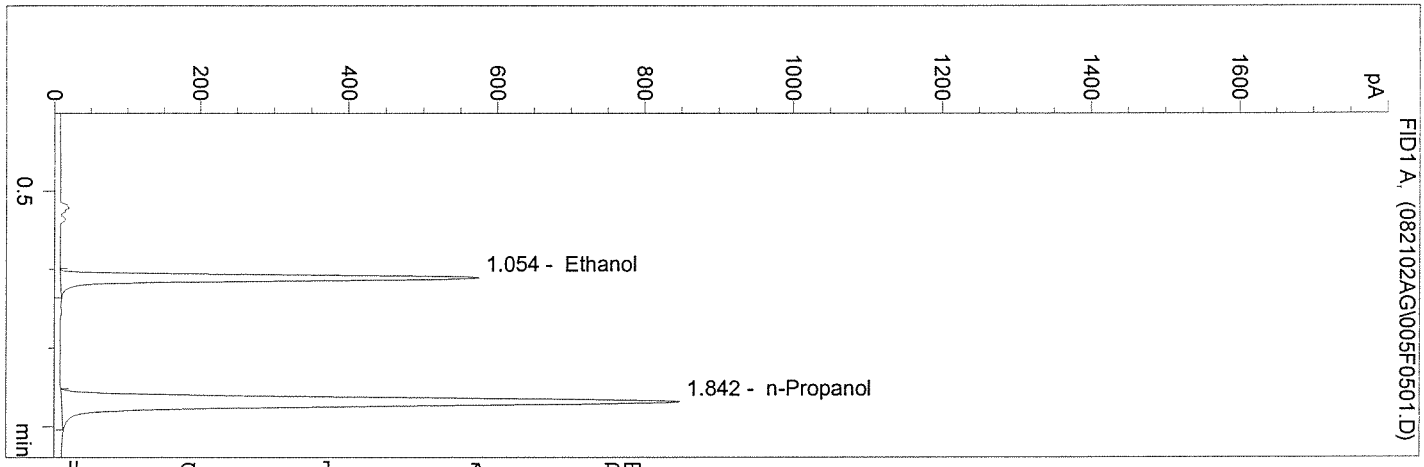
Instrument 2
DB-ALC1

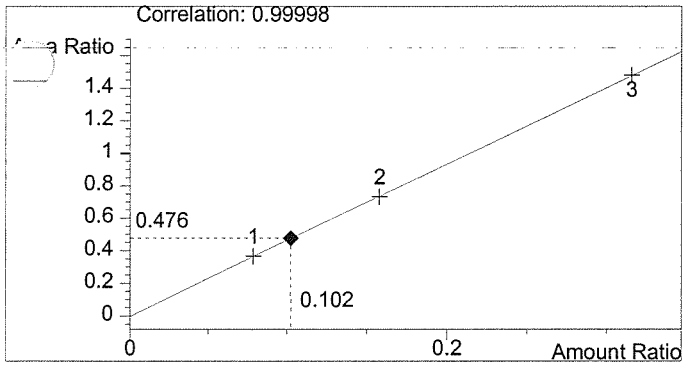
02030
A. GORDON

vial # 5

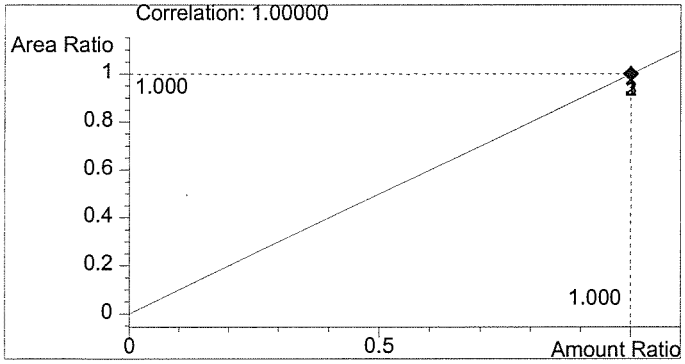


#	Compound	Area	RT
1	Ethanol	1533	1.054
2	n-Propanol	3219	1.842

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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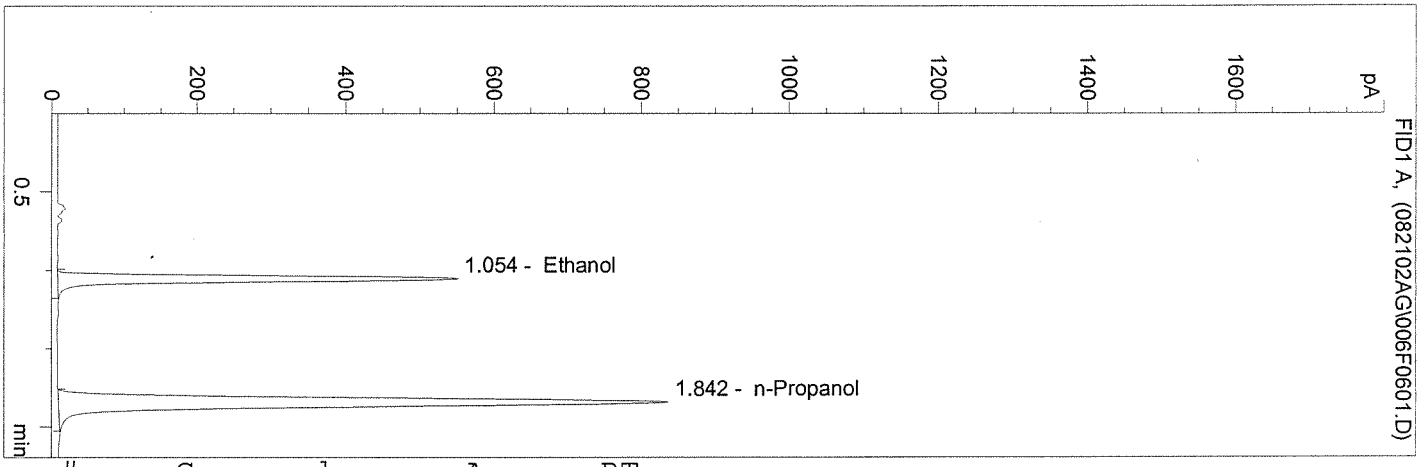
Instrument 2
DB-ALC1

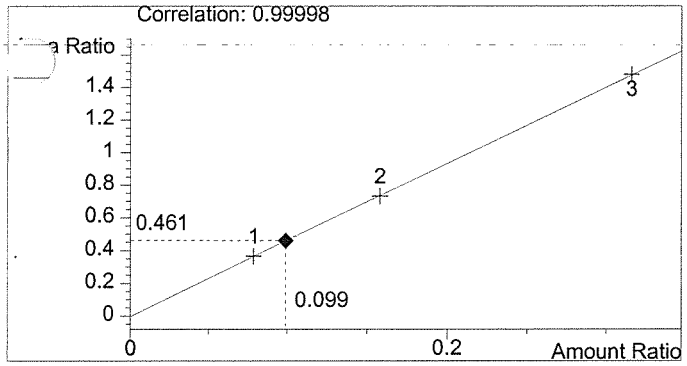
0.10 CONTROL
A. GORDON

vial # 6

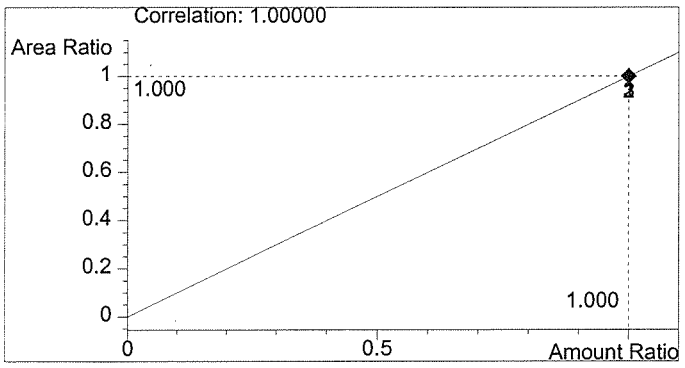


#	Compound	Area	RT
1	Ethanol	1464	1.054
2	n-Propanol	3178	1.842

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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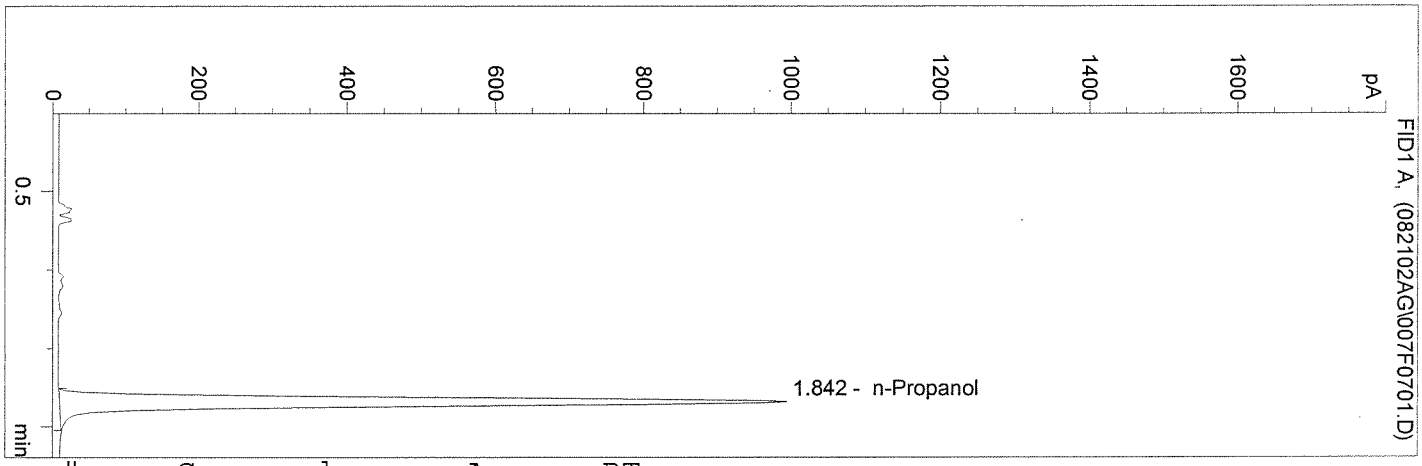
Instrument 2
DB-ALC1

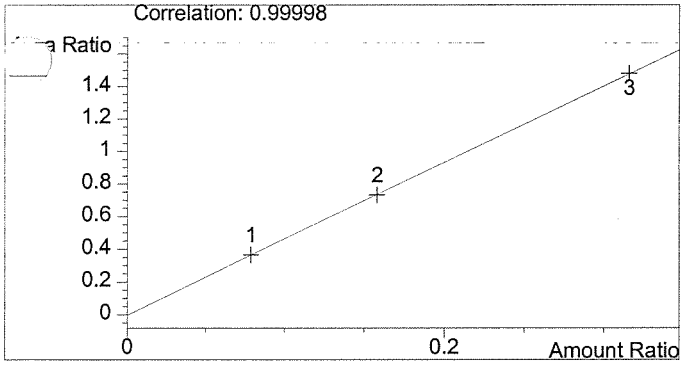
BLANK
A. GORDON

vial # 7

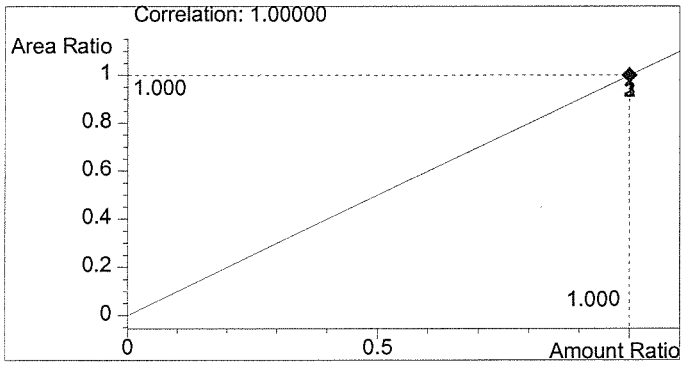


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3778	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY Calibrators & controls in 025338

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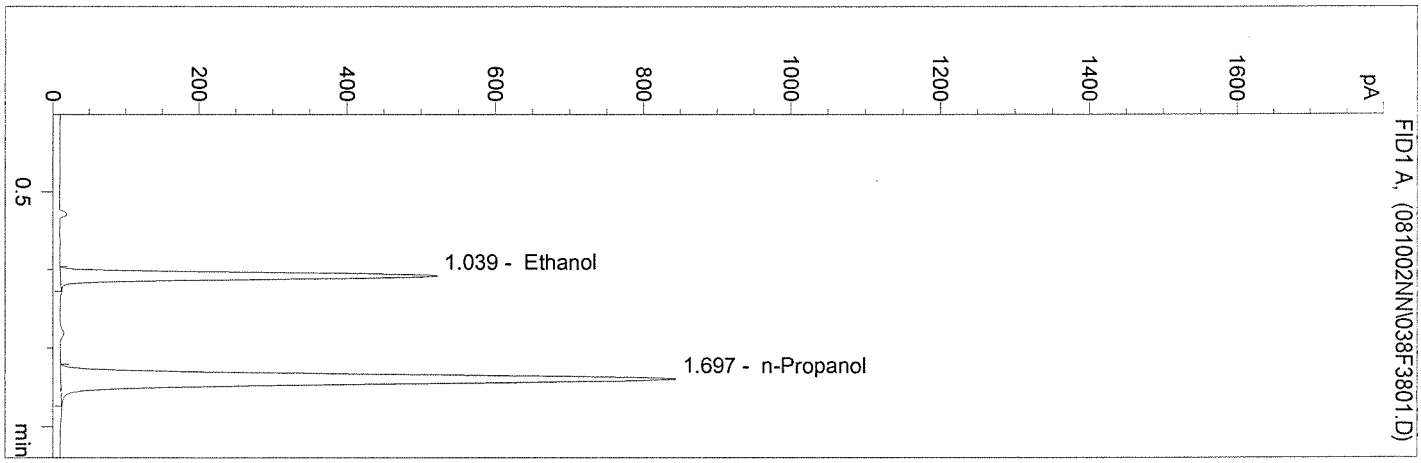
Instrument 1
DB-ALC1

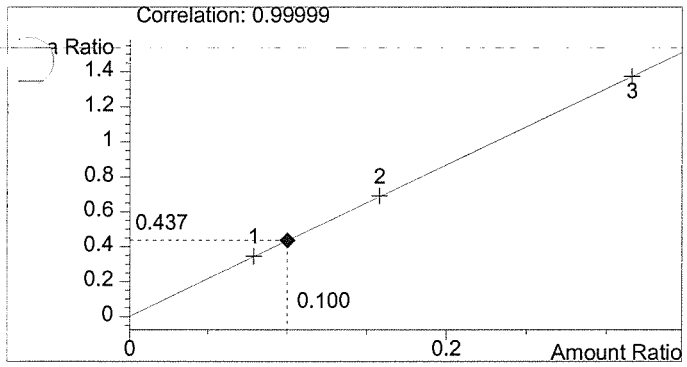
02030 SIM
Naziha Nuwayhid, PhD

vial # 38

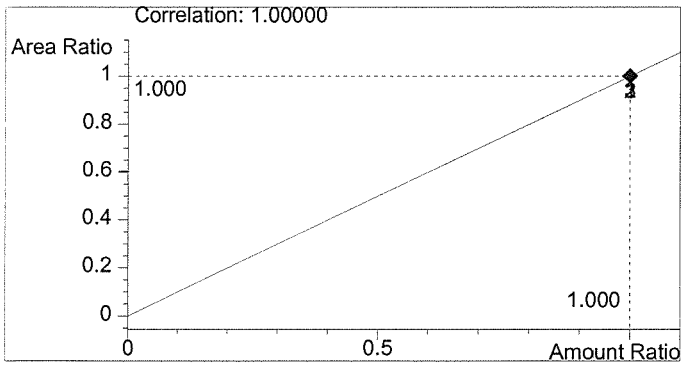


#	Compound	Area	RT
1	Ethanol	1518	1.039
2	n-Propanol	3473	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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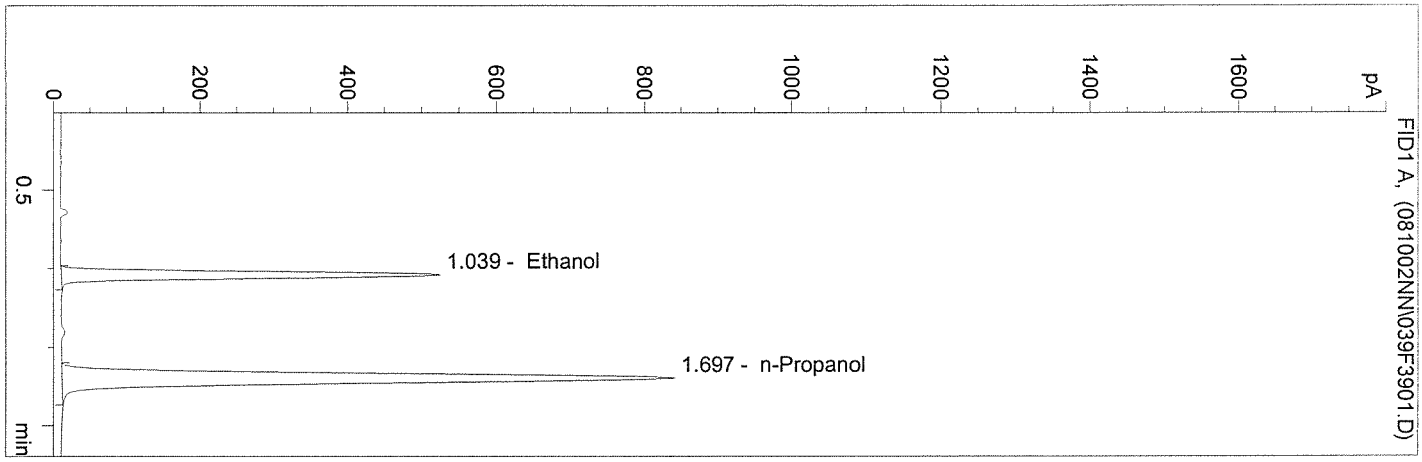
Instrument 1
DR-ALC1

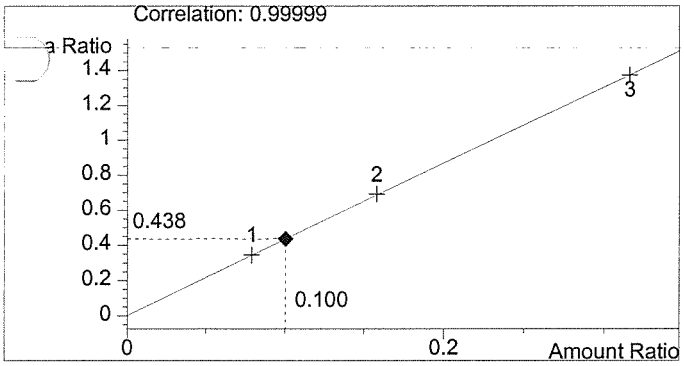
02030 SIM
Naziha Nuwayhid, PhD

vial # 39

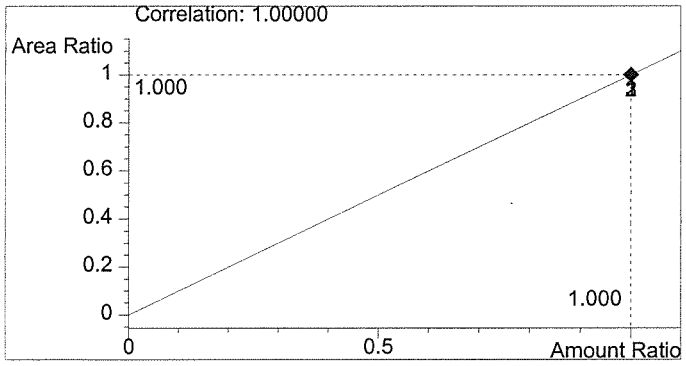


#	Compound	Area	RT
1	Ethanol	1517	1.039
2	n-Propanol	3463	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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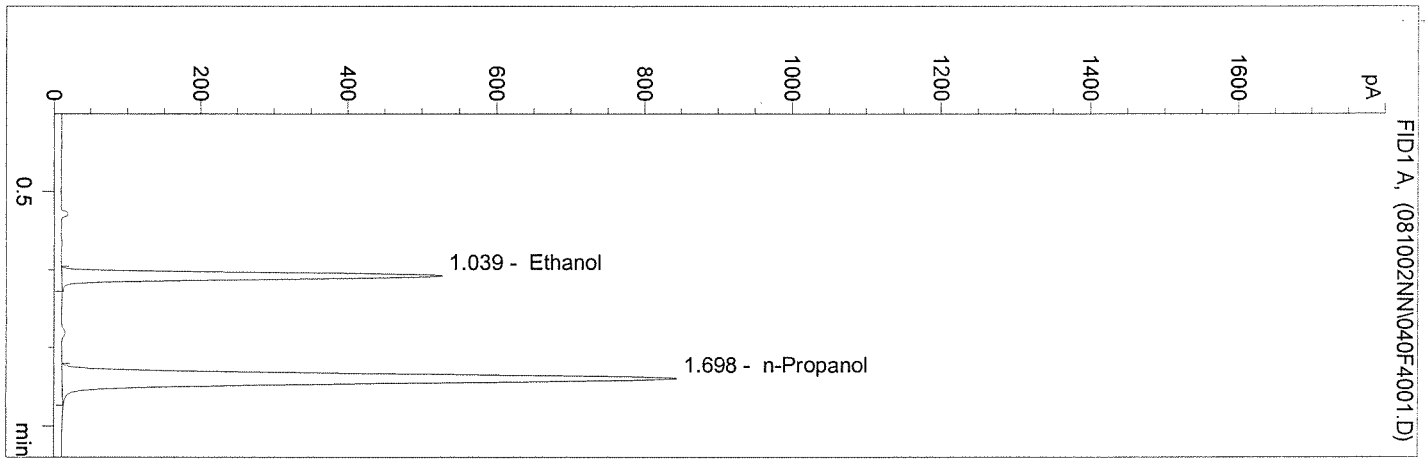
Instrument 1
[illegible]-ALC1

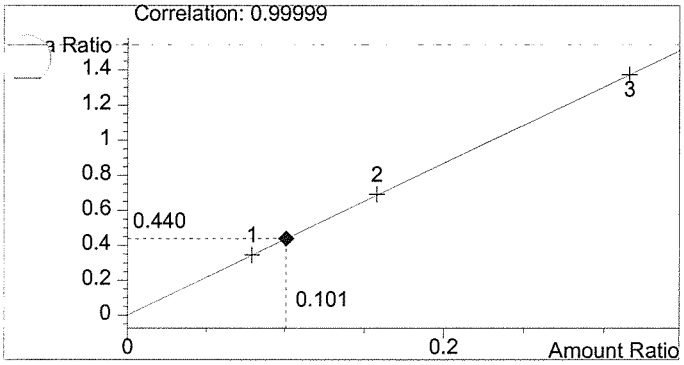
02030 SIM
Naziha Nuwayhid, PhD

vial # 40

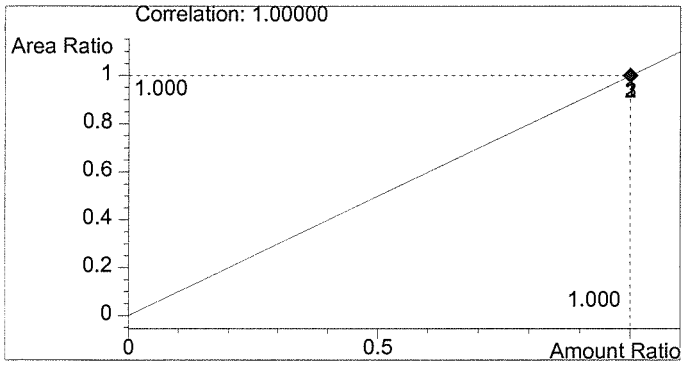


#	Compound	Area	RT
1	Ethanol	1529	1.039
2	n-Propanol	3477	1.698

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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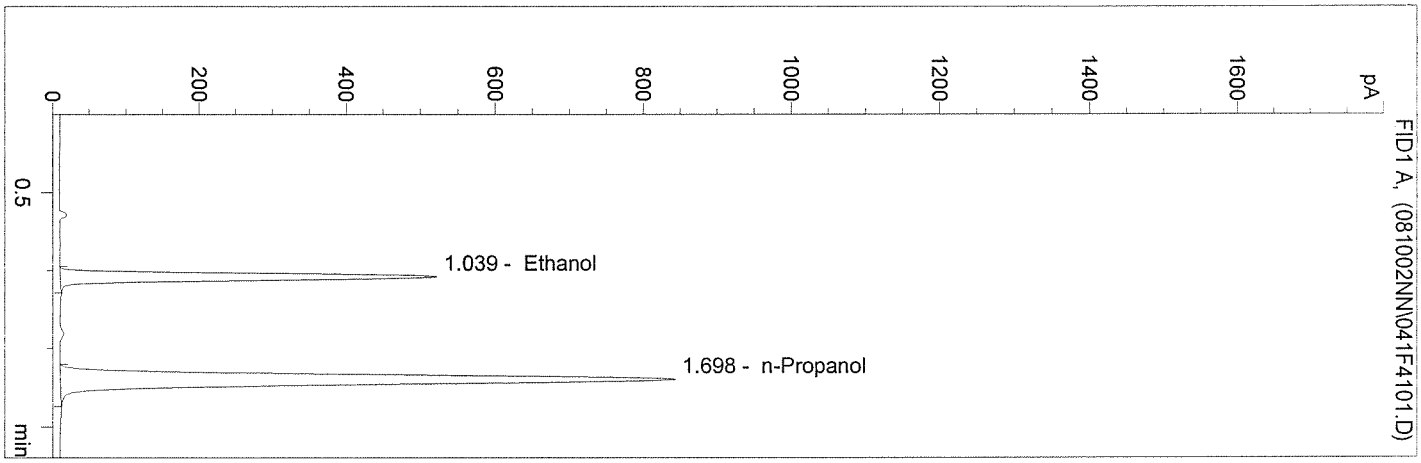
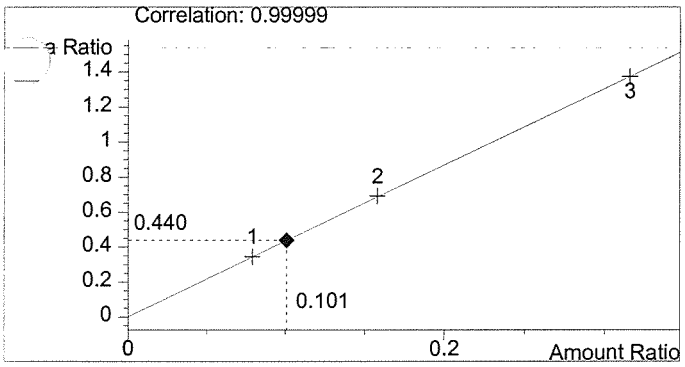
Instrument 1
DR-ALC1

02030 SIM
Naziha Nuwayhid, PhD

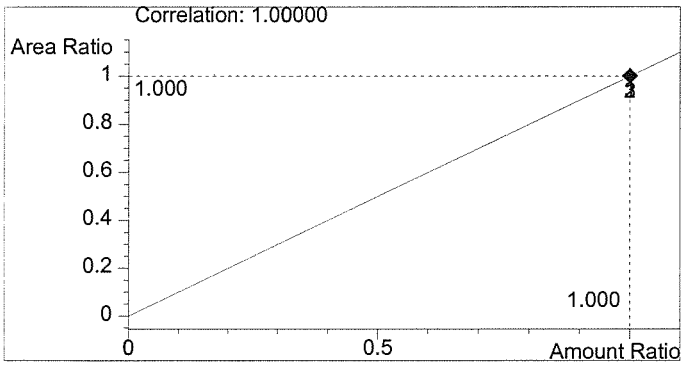
vial # 41



#	Compound	Area	RT
1	Ethanol	1530	1.039
2	n-Propanol	3480	1.698
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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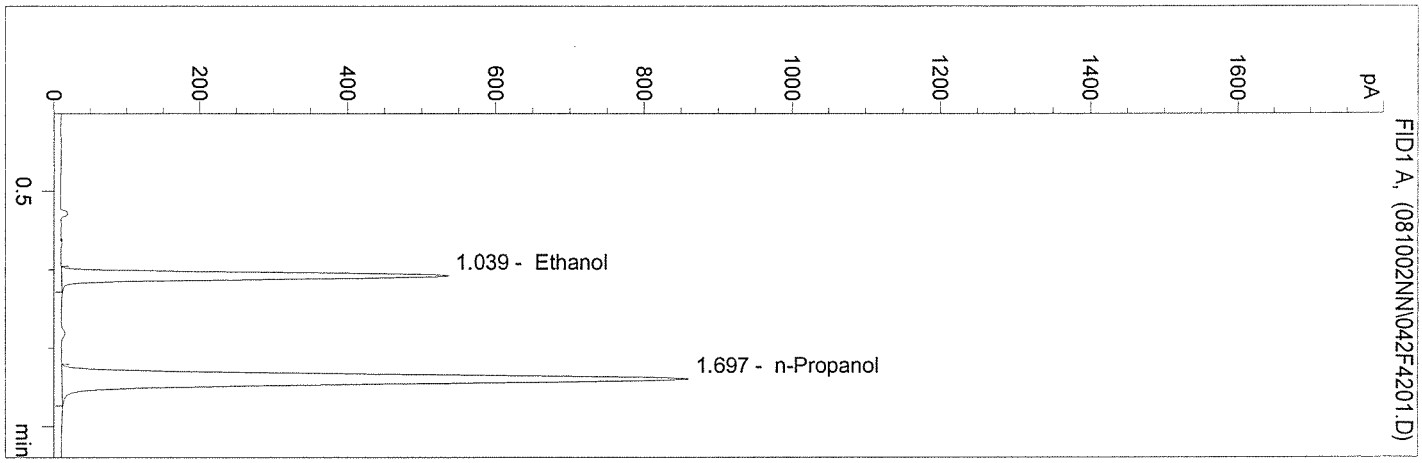
Instrument 1
DR-ALC1

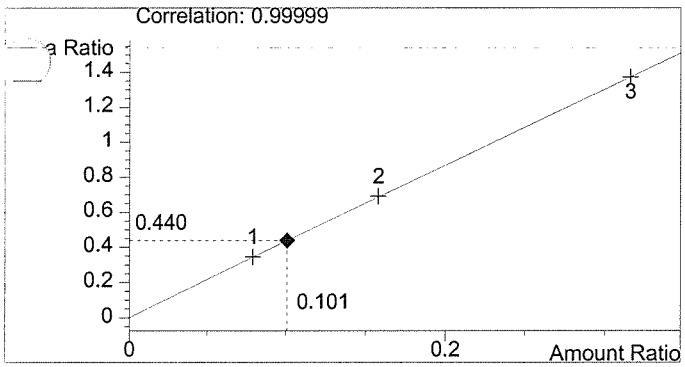
02030 SIM
Naziha Nuwayhid, PhD

vial # 42

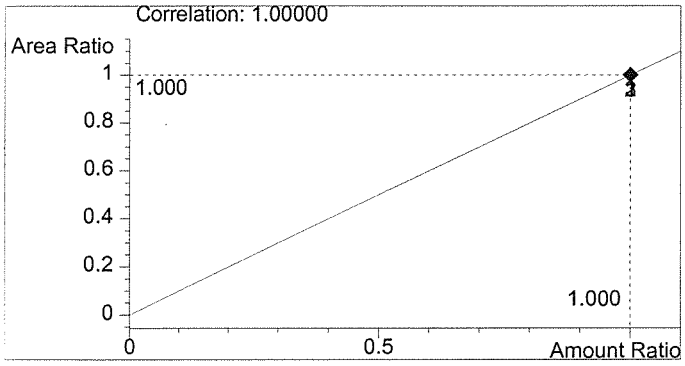


#	Compound	Area	RT
1	Ethanol	1561	1.039
2	n-Propanol	3550	1.697

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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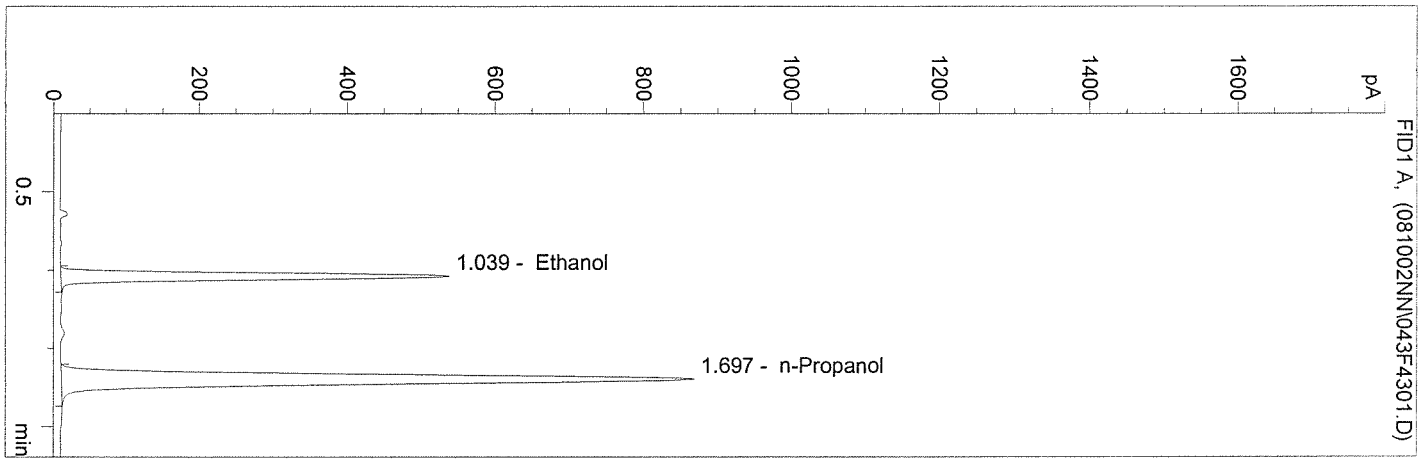
Instrument 1
-ALC1

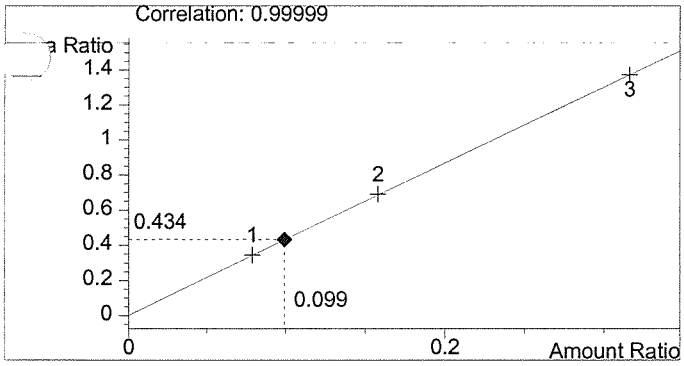
0.100 Ctrl
Naziha Nuwayhid, PhD

vial # 43

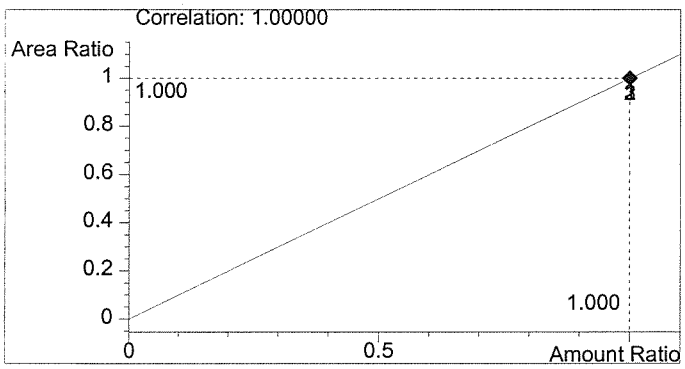


#	Compound	Area	RT
1	Ethanol	1547	1.039
2	n-Propanol	3567	1.697

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
-ALC1

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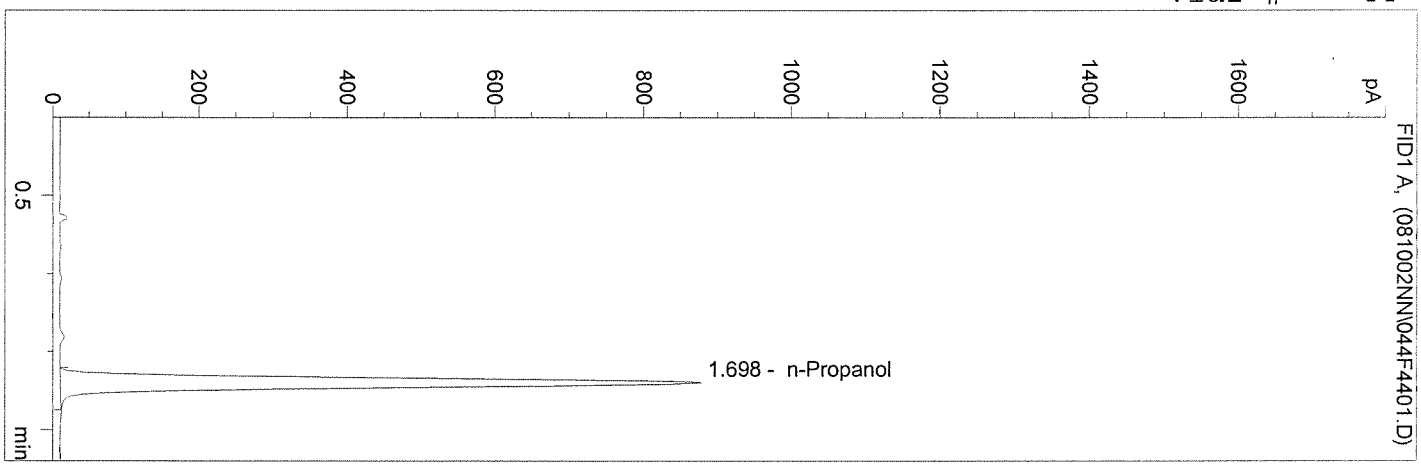
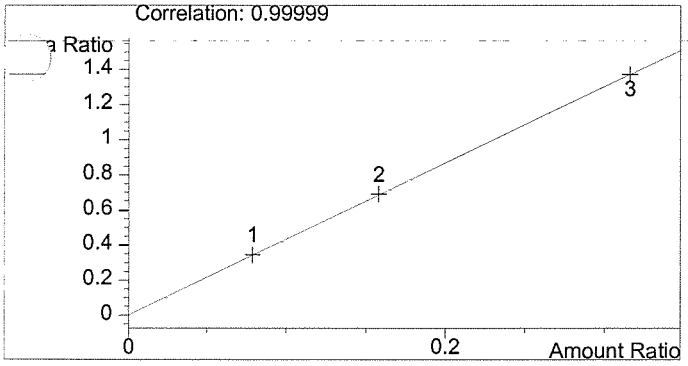
Naziha Nuwayhid, PhD

vial # 44

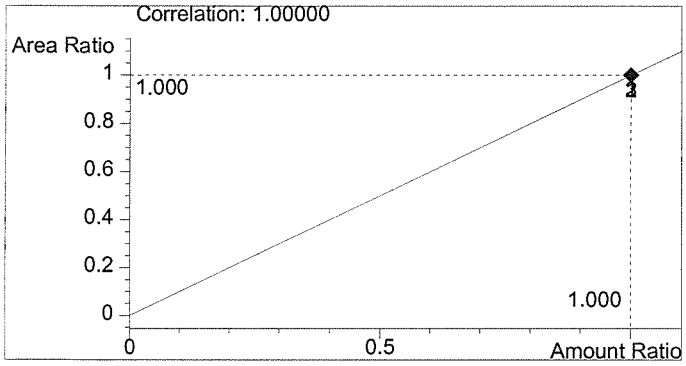


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3618	1.698

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml