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 **02020** Date: 6/27/2002

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

External Control:

Lot #: A021986 Exp date: 01/2005

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1022 g/100 mL

SD: 0.00120

Range (3xSD): 0.0986 to 0.1058

Precision CV (%): 1.1759 %

Equivalent vapor concent.: 0.0831 g/210L

Analyst	Name	Signature	Date
1	Egle Weiss		06/28/02
2	Ruth Luthi	Ruth Luthi	06/28/02
3	Edward Formoso		06/28/02
4	Melissa Pemberton		06/28/02
5	Eugene Schwilke		07/01/02
6	Naziha Nuwayhid, PhD		07/02/02
7	Estuardo J. Miranda		07/03/02
8	Ann Marie Gordon		07/08/02
9	Jayne E. Thatcher		07/08/02
10	William P Marshall		07/09/02
11			
12			

Prepared by: Egle Weiss according to the approved protocol

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020, was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020, was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020, was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020, was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

Gene Schwilke

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

GS/nf
GSSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020, was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020 was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020, was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/nf
AGSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020, was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02020, was prepared in the Washington State Toxicology Laboratory on 6/27/02. 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 6/27/03.

Dated: 7/10/02
Seattle, WA

William P. Marshall
Forensic Toxicologist

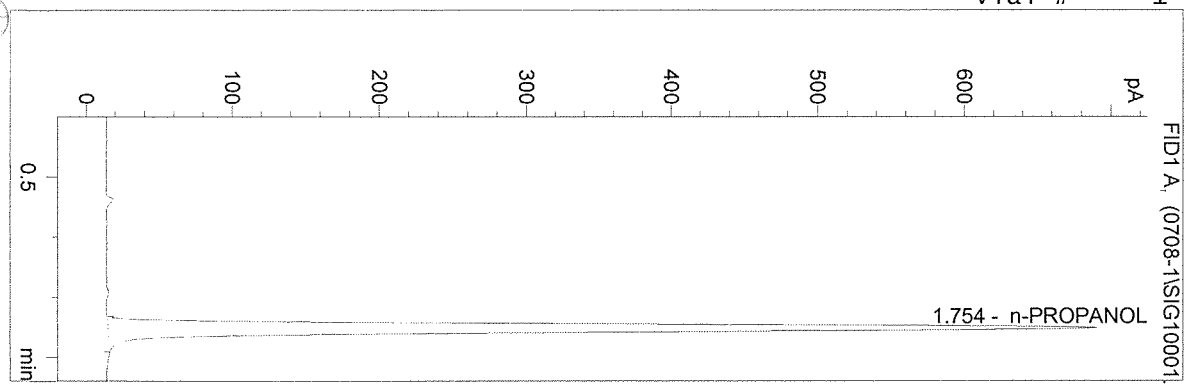
WM/nf
WMSIMSOL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 7:59:35 AM
Instrument 3
DB-ALC1

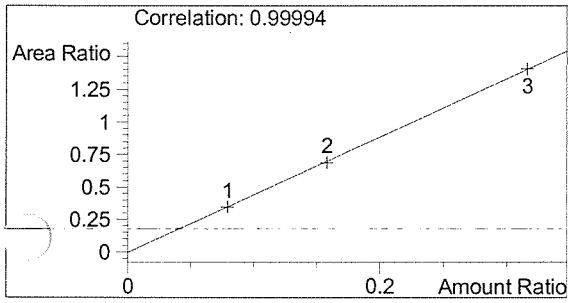
BLANK
Ann Marie Gordon

vial # 1

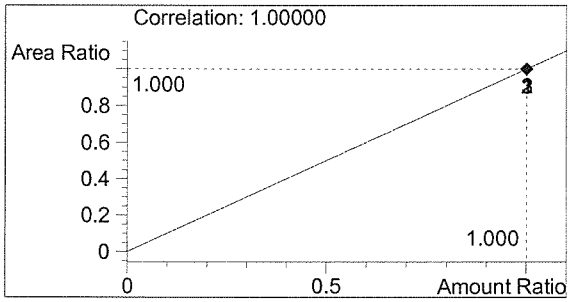


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3091	1.754

Totals:



ETHANOL 0.000 mg/L



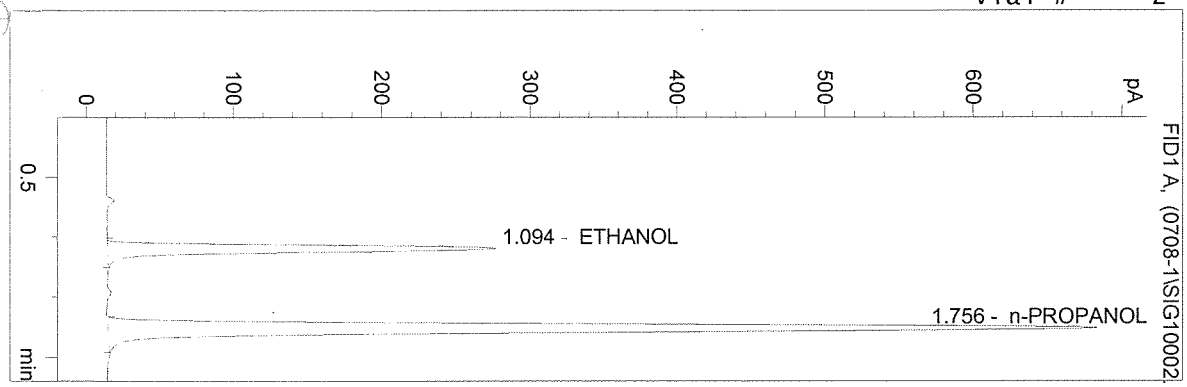
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:02:44 AM
Instrument 3
DB-ALC1

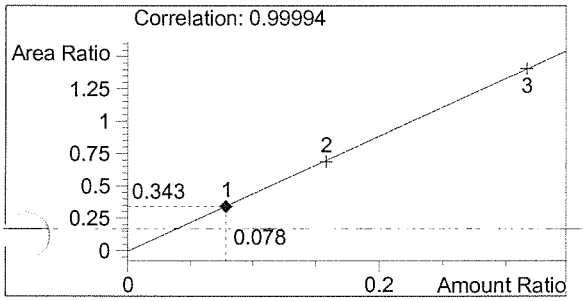
0.079 CALIBRATOR
Ann Marie Gordon

vial # 2

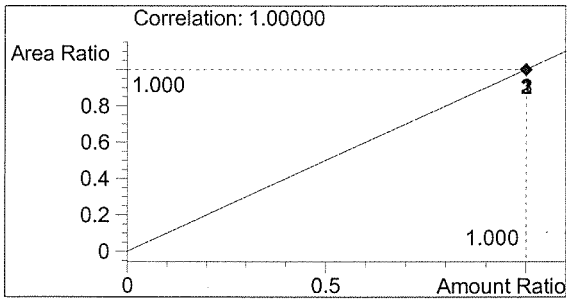


#	Compound	Area	RT
1	ETHANOL	1059	1.094
2	n-PROPANOL	3085	1.756

Totals:



ETHANOL 0.078 mg/L



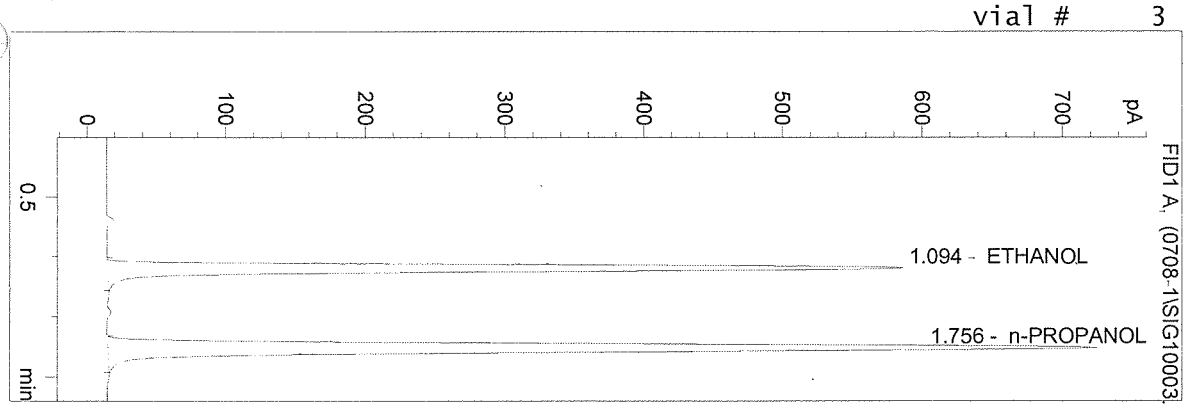
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:05:54 AM
Instrument 3
DB-ALC1

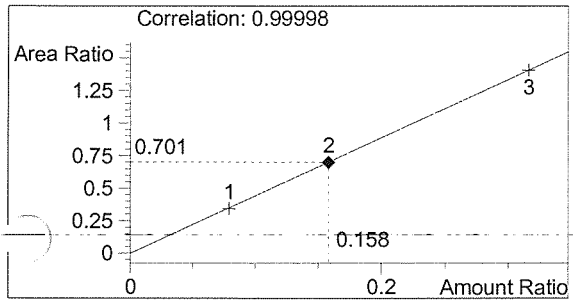
0.158 CALIBRATOR
Ann Marie Gordon

vial # 3

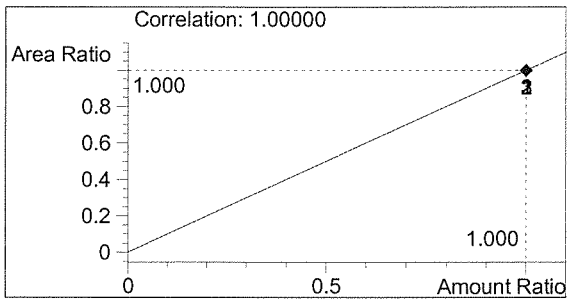


#	Compound	Area	RT
1	ETHANOL	2282	1.094
2	n-PROPANOL	3254	1.756

Totals:



ETHANOL 0.158 mg/L



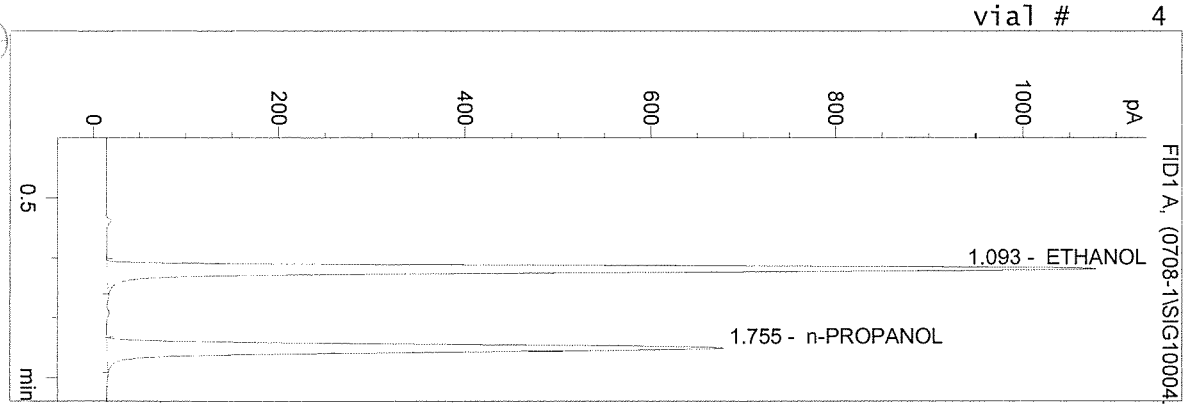
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:09:03 AM
Instrument 3
DB-ALC1

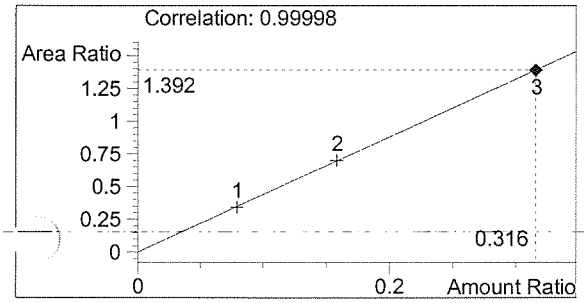
0.316 CALIBRATOR
Ann Marie Gordon

vial # 4

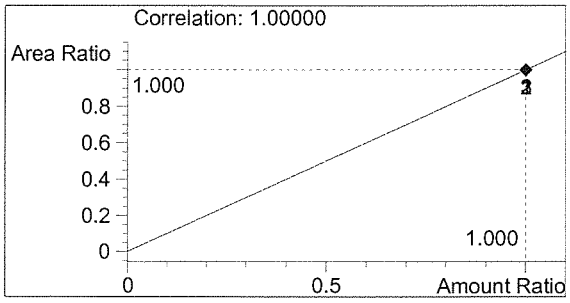


#	Compound	Area	RT
1	ETHANOL	4214	1.093
2	n-PROPANOL	3028	1.755

Totals:



ETHANOL 0.316 mg/L



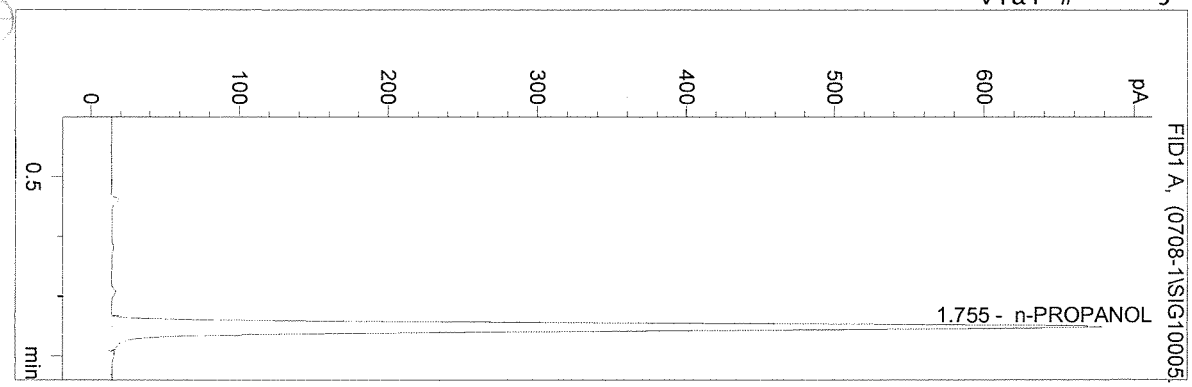
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:12:30 AM
Instrument 3
DB-ALC1

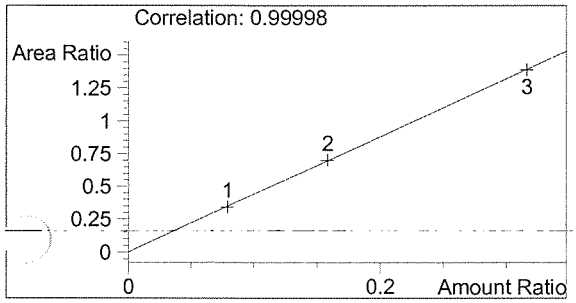
Blank
Ann Marie Gordon

vial # 5

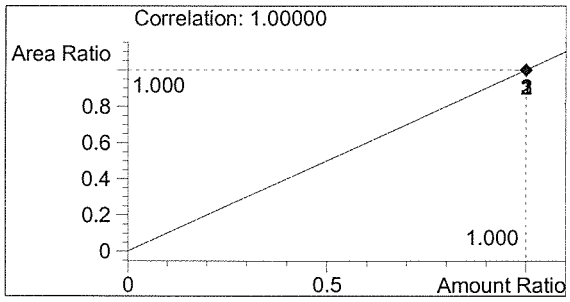


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3036	1.755

Totals:



ETHANOL 0.000 mg/L



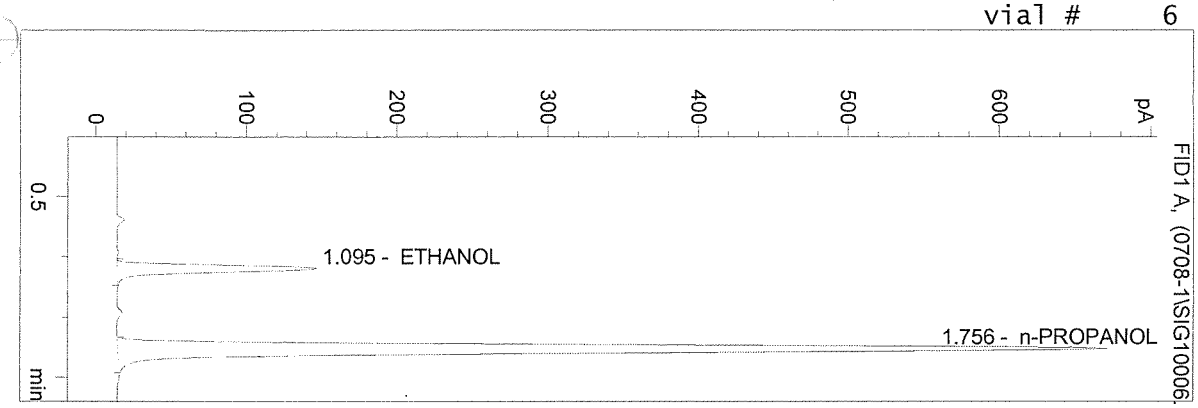
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:15:40 AM
Instrument 3
DB-ALC1

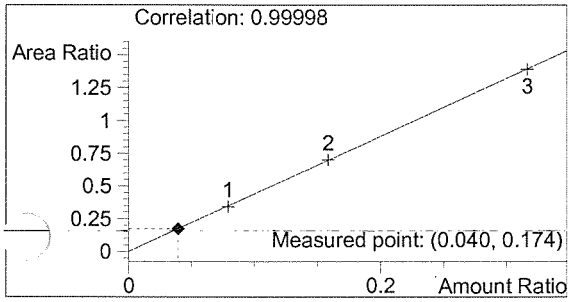
0.04 Control
Ann Marie Gordon

vial # 6

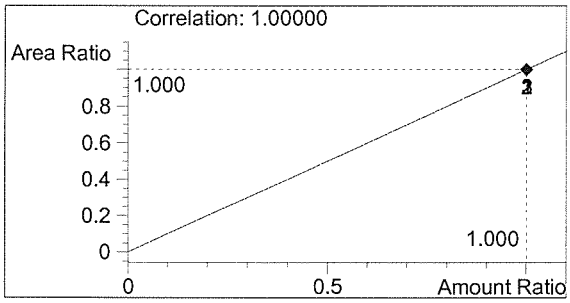


#	Compound	Area	RT
1	ETHANOL	523	1.095
2	n-PROPANOL	3009	1.756

Totals:



ETHANOL 0.040 mg/L



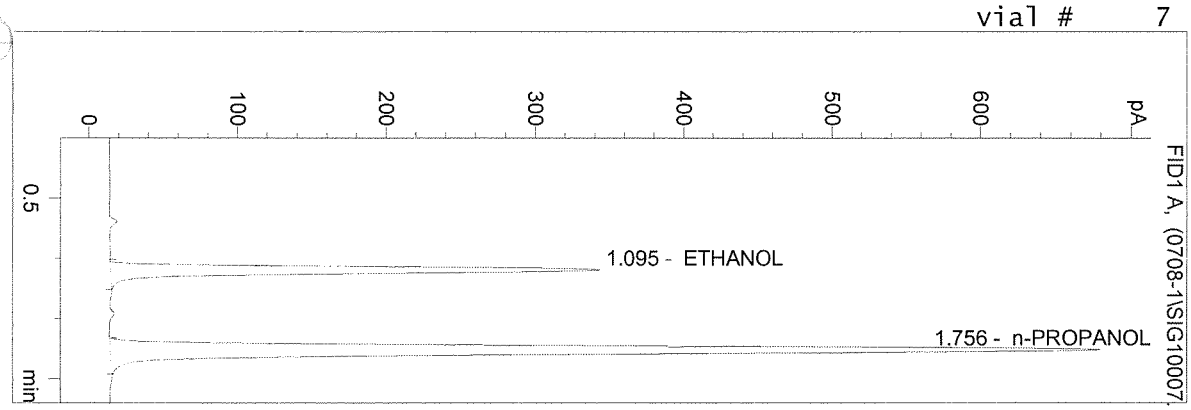
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:18:49 AM
Instrument 3
DB-ALC1

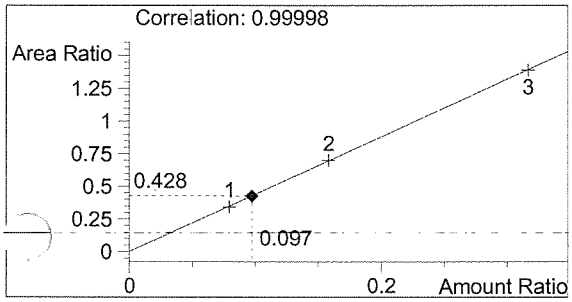
0.10 Controil
Ann Marie Gordon

vial # 7

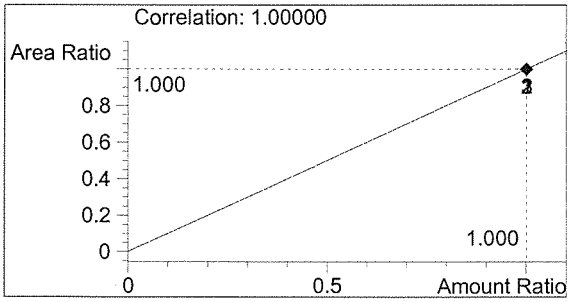


#	Compound	Area	RT
1	ETHANOL	1308	1.095
2	n-PROPANOL	3053	1.756

Totals:



ETHANOL 0.097 mg/L



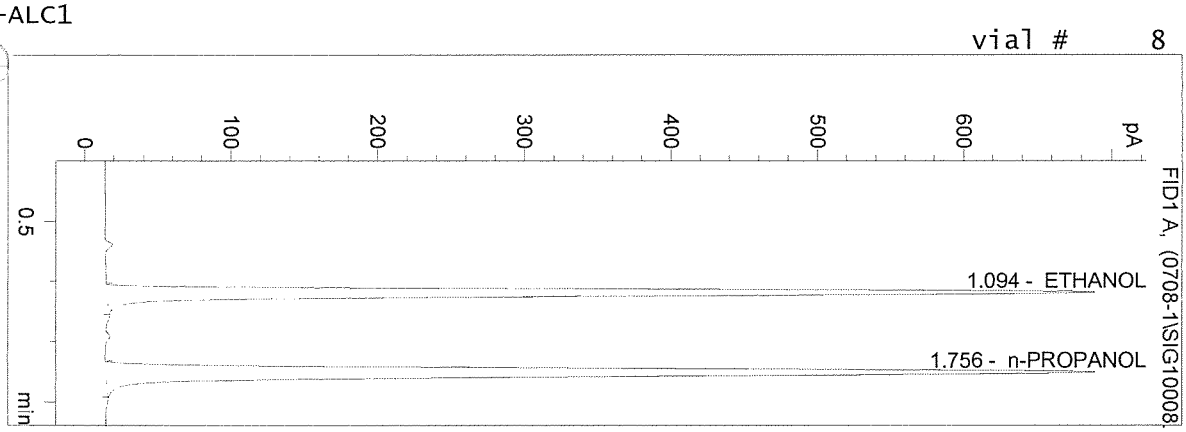
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:21:59 AM
Instrument 3
DB-ALC1

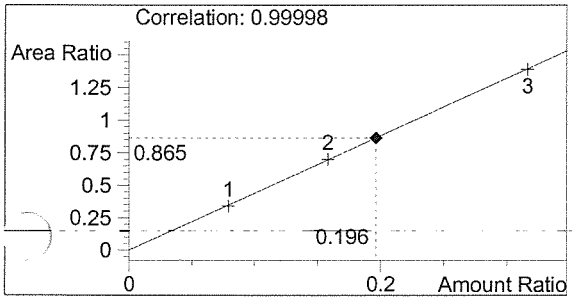
0.20 Control
Ann Marie Gordon

vial # 8

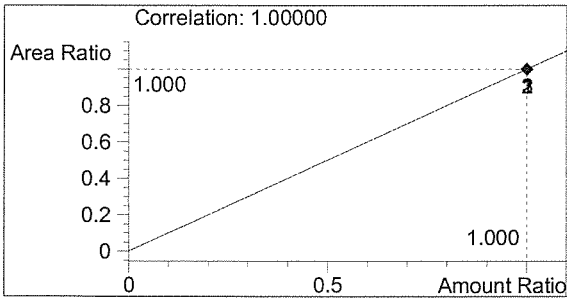


#	Compound	Area	RT
1	ETHANOL	2669	1.094
2	n-PROPANOL	3084	1.756

Totals:



ETHANOL 0.196 mg/L



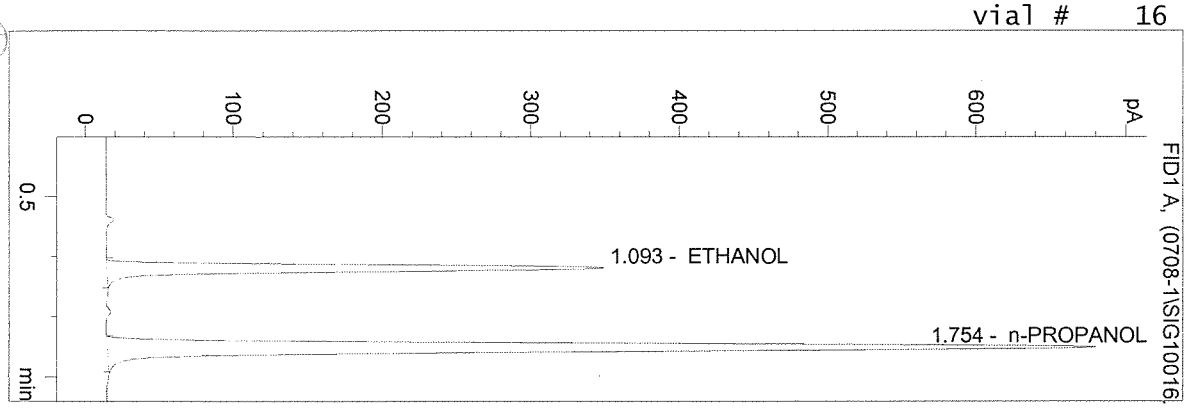
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:47:44 AM
Instrument 3
DB-ALC1

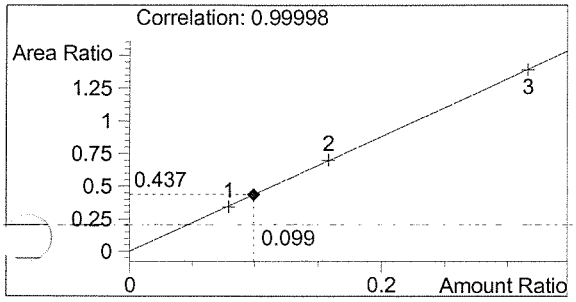
02020-1 SIM
Ann Marie Gordon

vial # 16

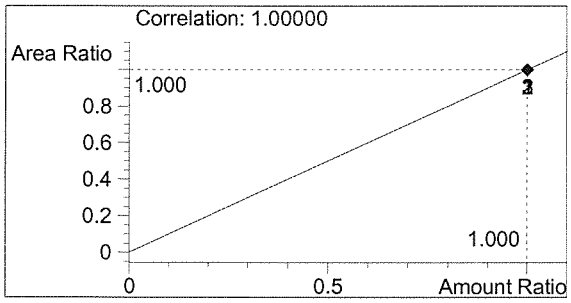


#	Compound	Area	RT
1	ETHANOL	1338	1.093
2	n-PROPANOL	3058	1.754

Totals:



ETHANOL 0.099 mg/L



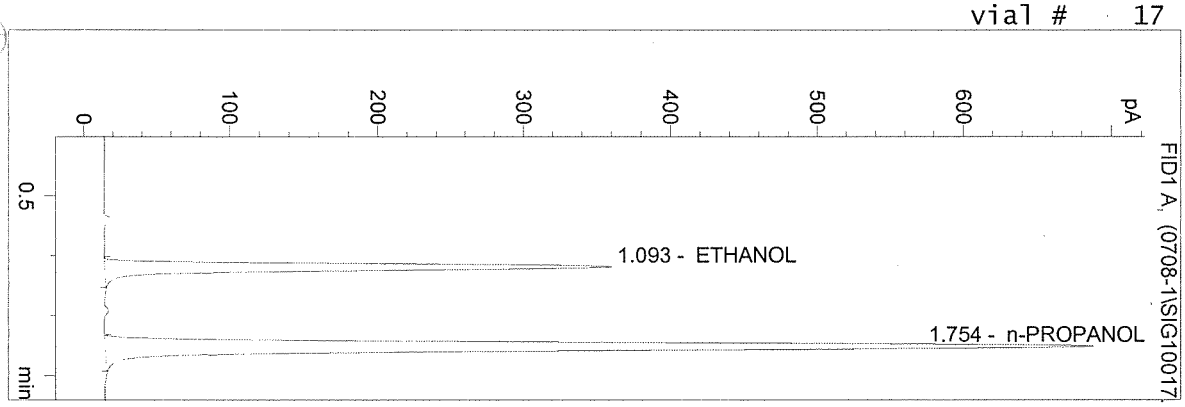
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:51:10 AM
Instrument 3
DB-ALC1

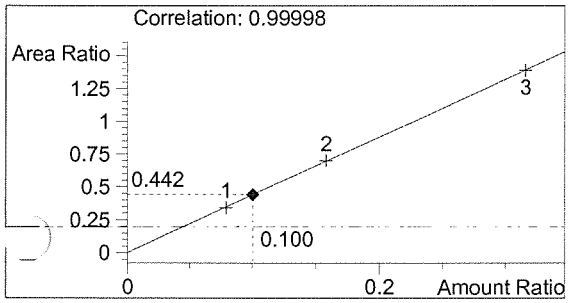
02020-2 SIM
Ann Marie Gordon

vial # 17

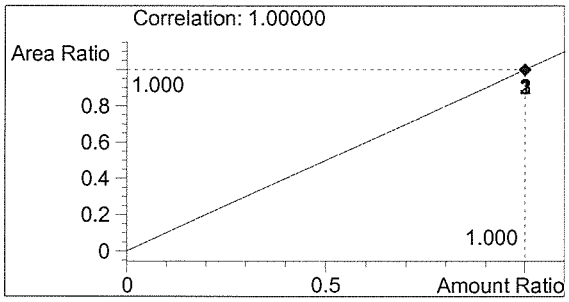


#	Compound	Area	RT
1	ETHANOL	1352	1.093
2	n-PROPANOL	3058	1.754

Totals:



ETHANOL 0.100 mg/L

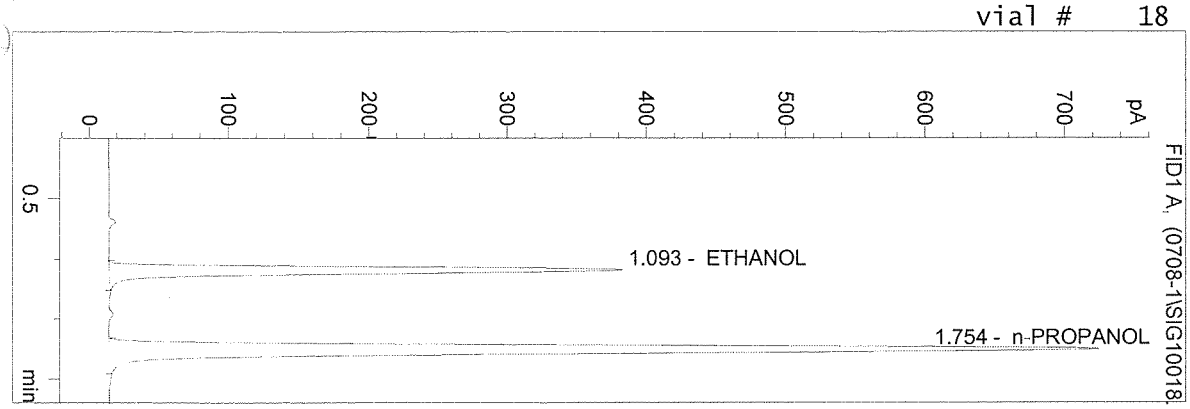


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:54:19 AM
Instrument 3
DB-ALC1

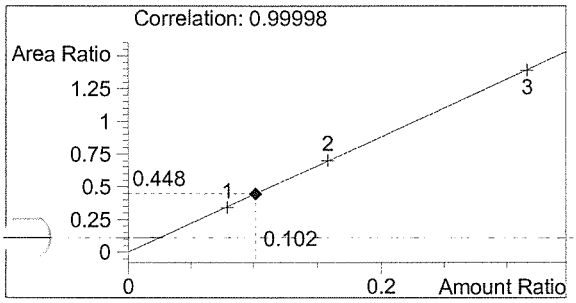
02020-3 SIM
Ann Marie Gordon

vial # 18

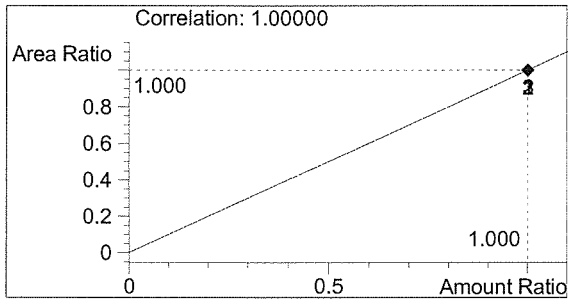


#	Compound	Area	RT
1	ETHANOL	1447	1.093
2	n-PROPANOL	3229	1.754

Totals:



ETHANOL 0.102 mg/L



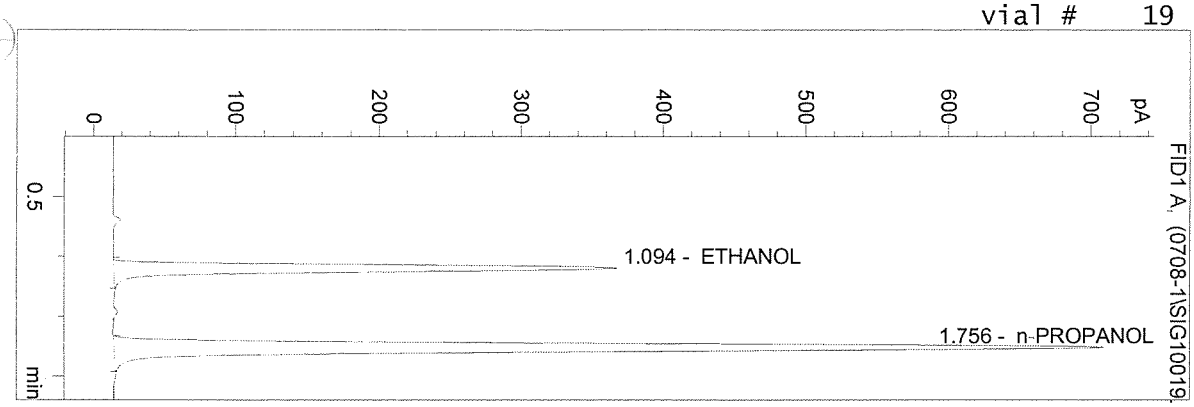
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 8:57:29 AM
Instrument 3
DB-ALC1

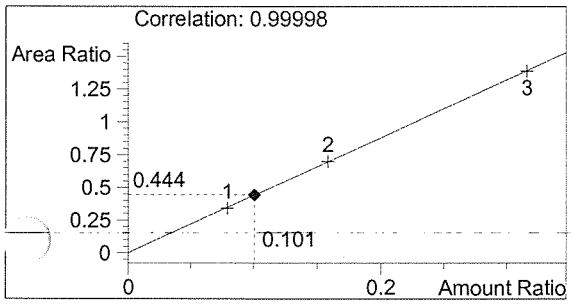
02020-4 SIM
Ann Marie Gordon

vial # 19

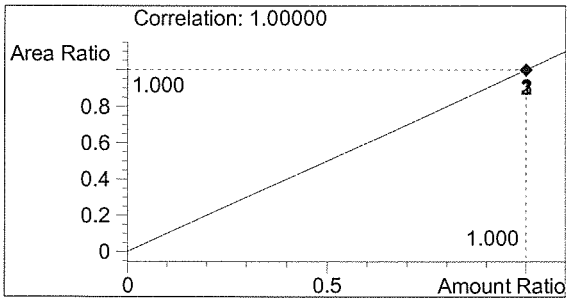


#	Compound	Area	RT
1	ETHANOL	1418	1.094
2	n-PROPANOL	3194	1.756

Totals:



ETHANOL 0.101 mg/L

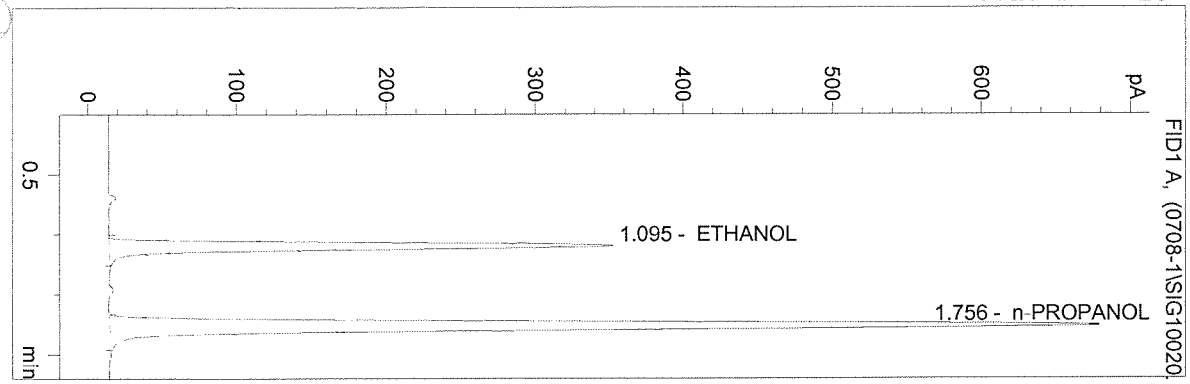


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 9:00:39 AM
Instrument 3
DB-ALC1

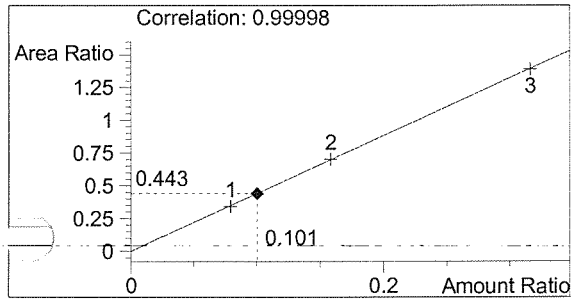
02020-5 SIM
Ann Marie Gordon

vial # 20

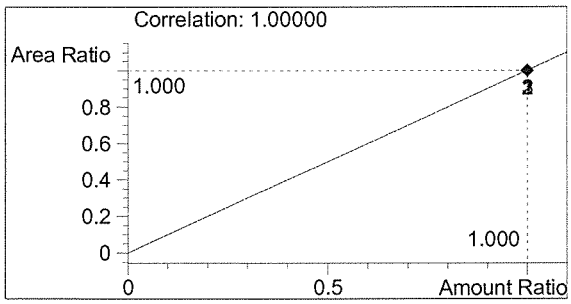


#	Compound	Area	RT
1	ETHANOL	1350	1.095
2	n-PROPANOL	3051	1.756

Totals:



ETHANOL 0.101 mg/L



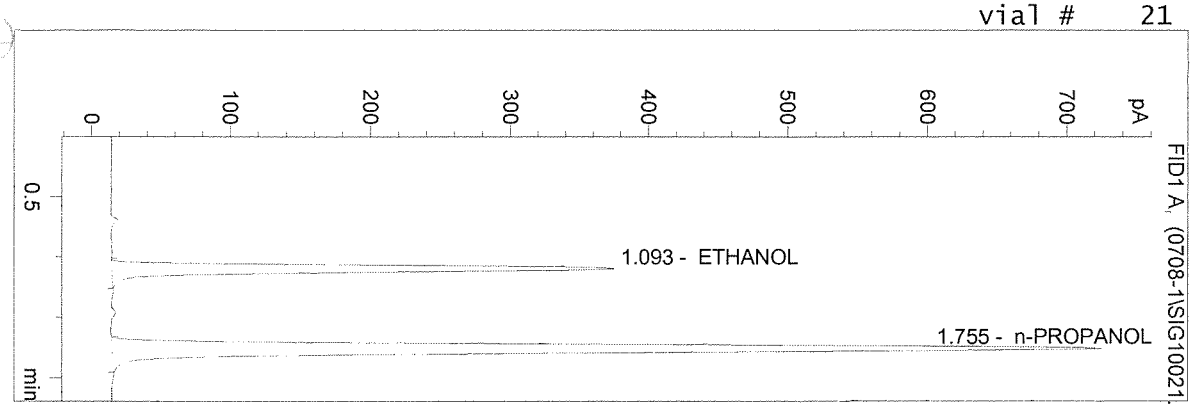
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 9:04:03 AM
Instrument 3
DB-ALC1

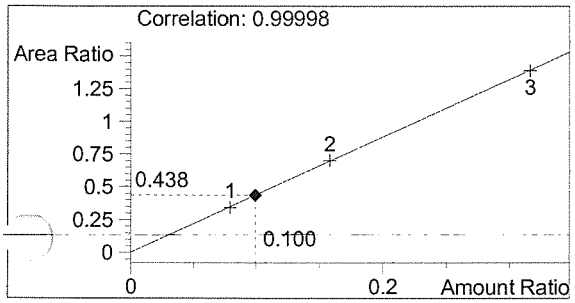
0.10 Control
Ann Marie Gordon

vial # 21

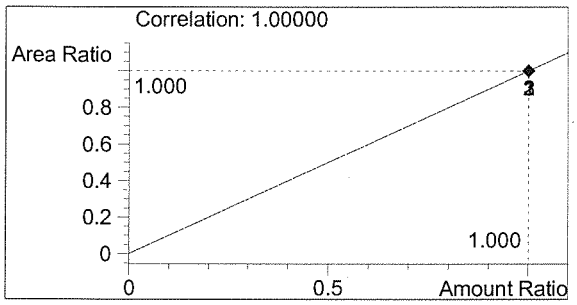


#	Compound	Area	RT
1	ETHANOL	1429	1.093
2	n-PROPANOL	3260	1.755

Totals:



ETHANOL 0.100 mg/L



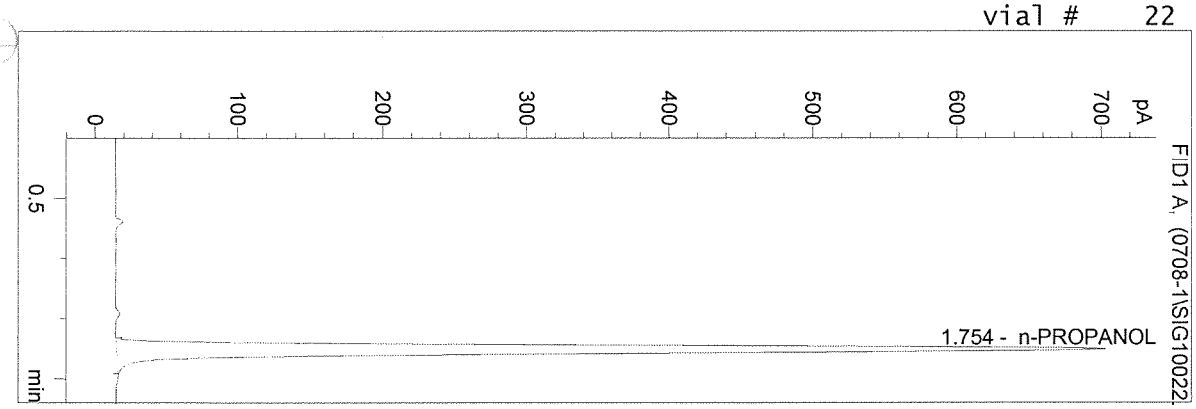
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/8/02 9:07:12 AM
Instrument 3
DB-ALC1

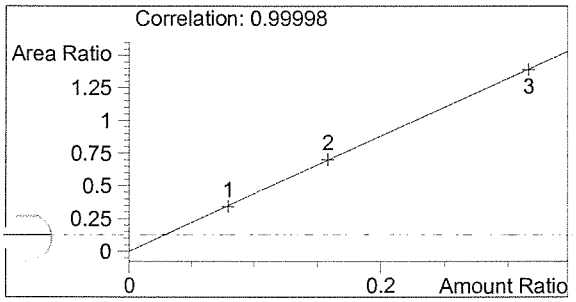
BLANK
Ann Marie Gordon

vial # 22

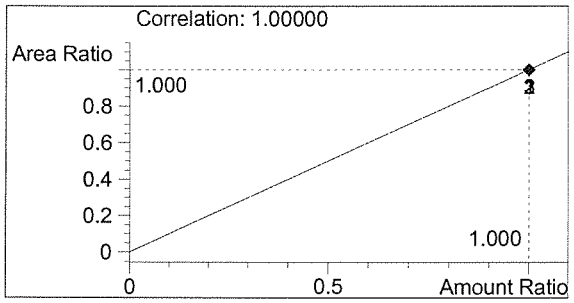


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3142	1.754

Totals:



ETHANOL 0.000 mg/L



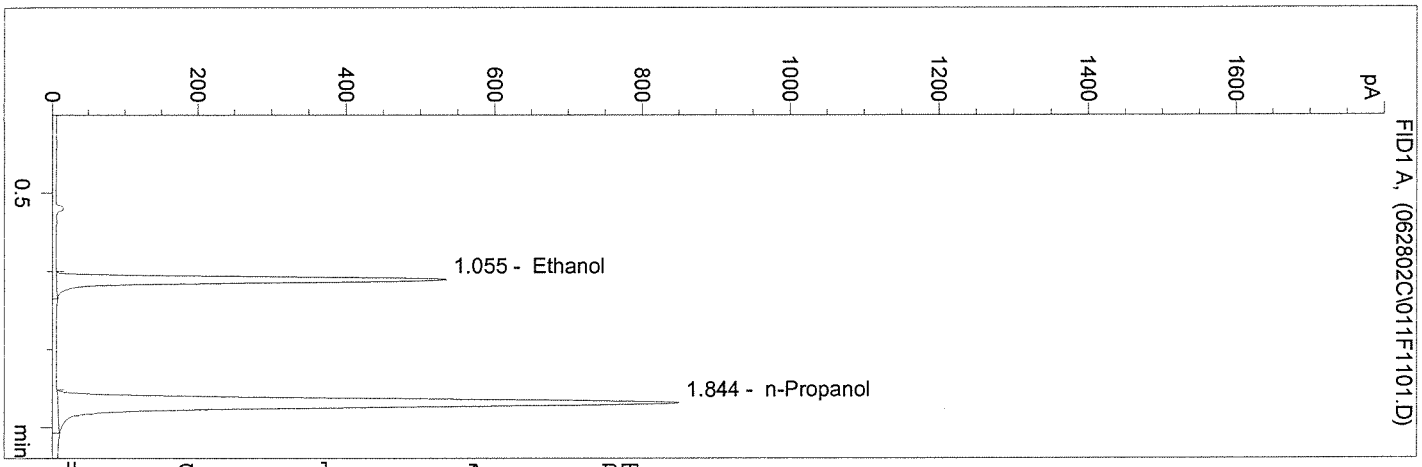
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:15:37 AM
Instrument 2
-ALC1

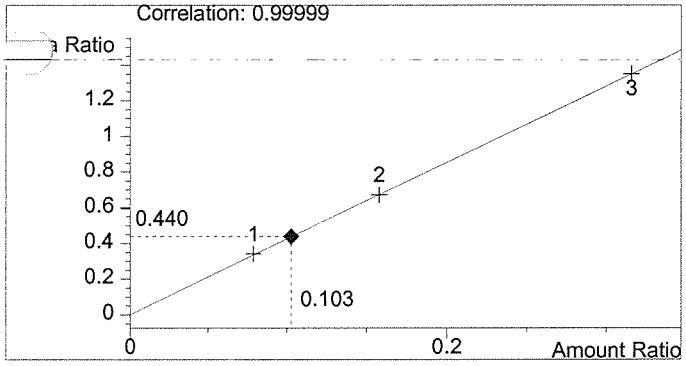
02020 - RL
SIMULATOR SOLUTION

vial # 11

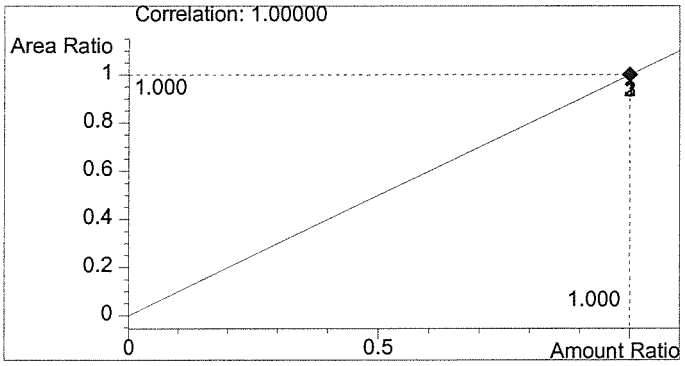


#	Compound	Area	RT
1	Ethanol	1428	1.055
2	n-Propanol	3248	1.844

Totals:



Ethanol 0.103 g/100ml



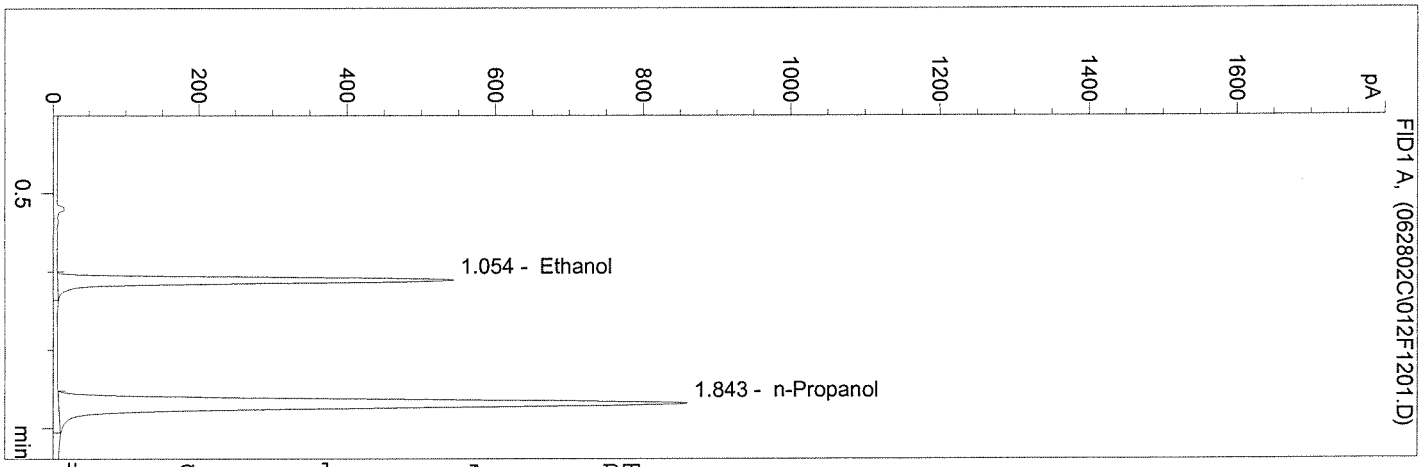
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:18:38 AM
Instrument 2
-ALC1

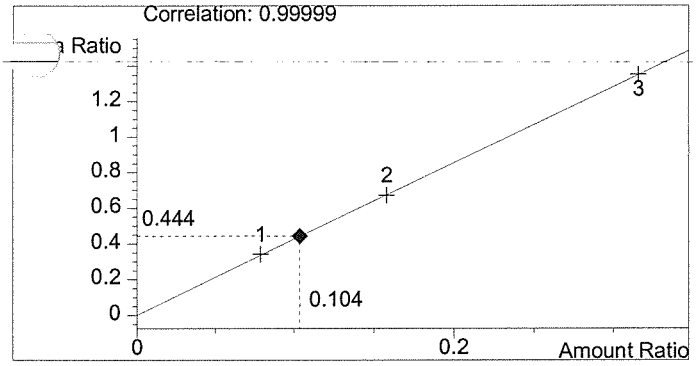
02020 - RL
SIMULATOR SOLUTION

vial # 12

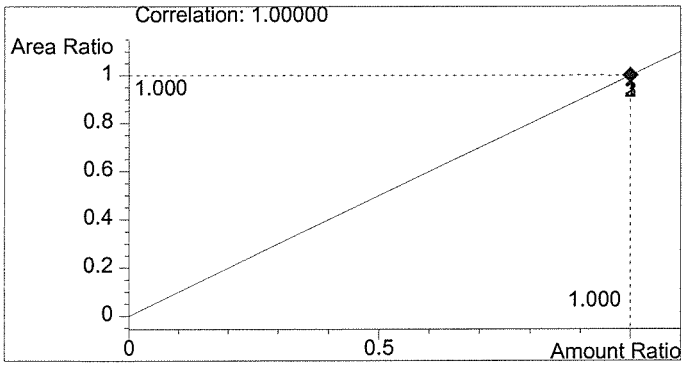


#	Compound	Area	RT
1	Ethanol	1457	1.054
2	n-Propanol	3283	1.843

Totals:



Ethanol 0.104 g/100ml

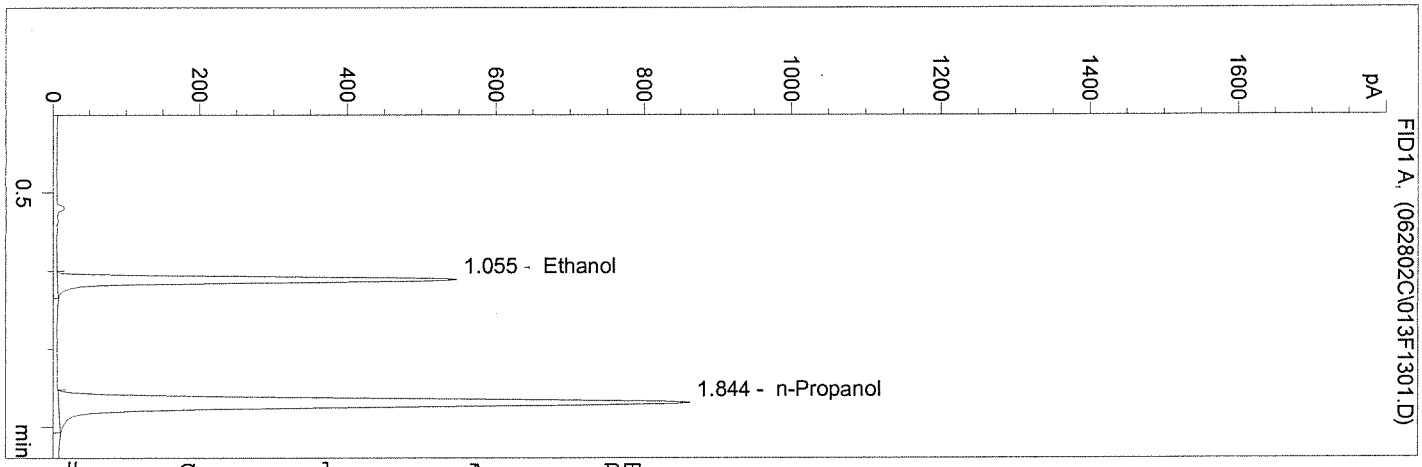


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:21:57 AM
Instrument 2
-ALC1

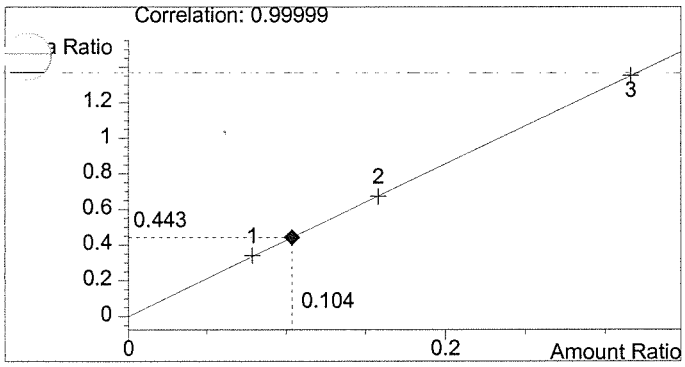
02020 - RL
SIMULATOR SOLUTION

vial # 13

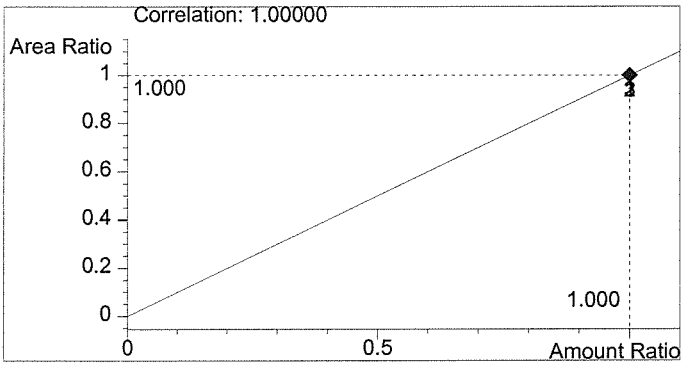


#	Compound	Area	RT
1	Ethanol	1457	1.055
2	n-Propanol	3288	1.844

Totals:



Ethanol 0.104 g/100ml



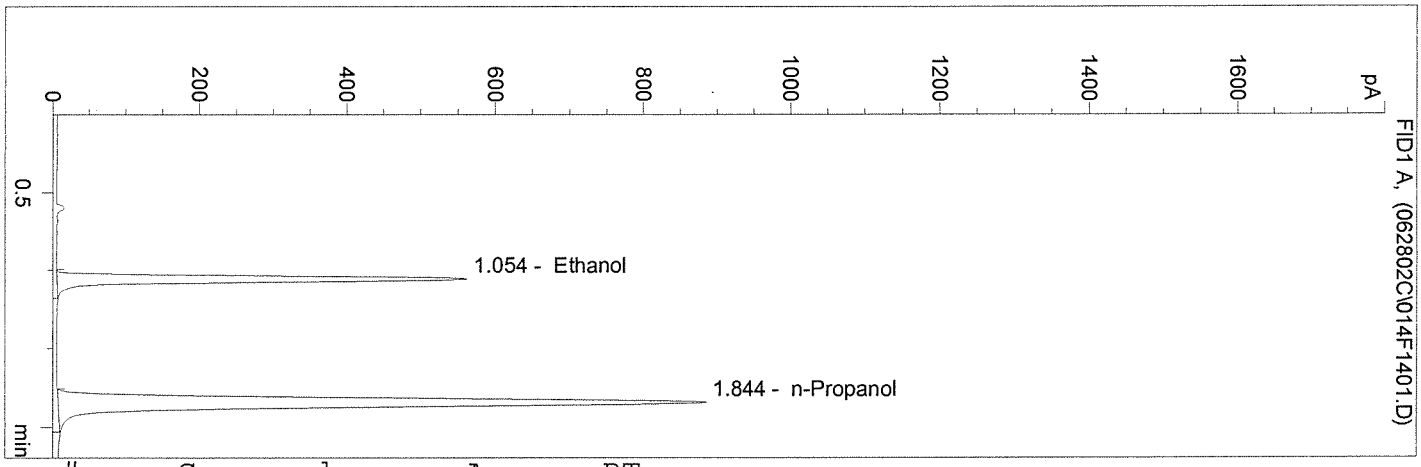
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:24:59 AM
Instrument 2
-ALC1

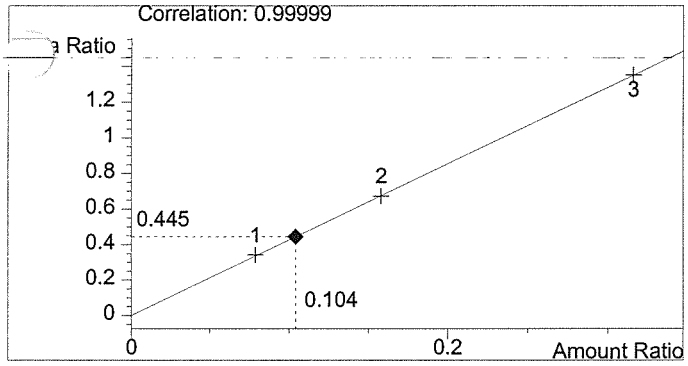
02020 - RL
SIMULATOR SOLUTION

vial # 14

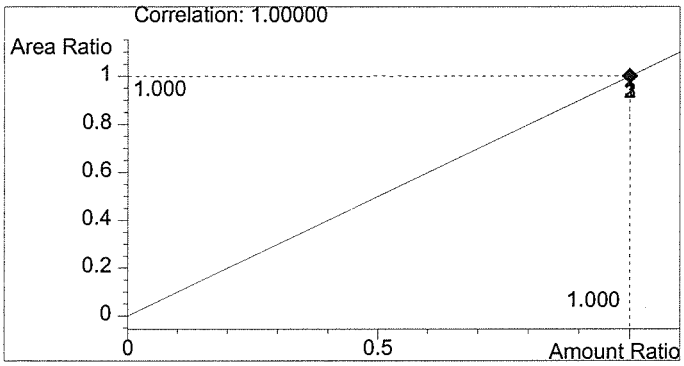


#	Compound	Area	RT
1	Ethanol	1505	1.054
2	n-Propanol	3381	1.844

Totals:



Ethanol 0.104 g/100ml

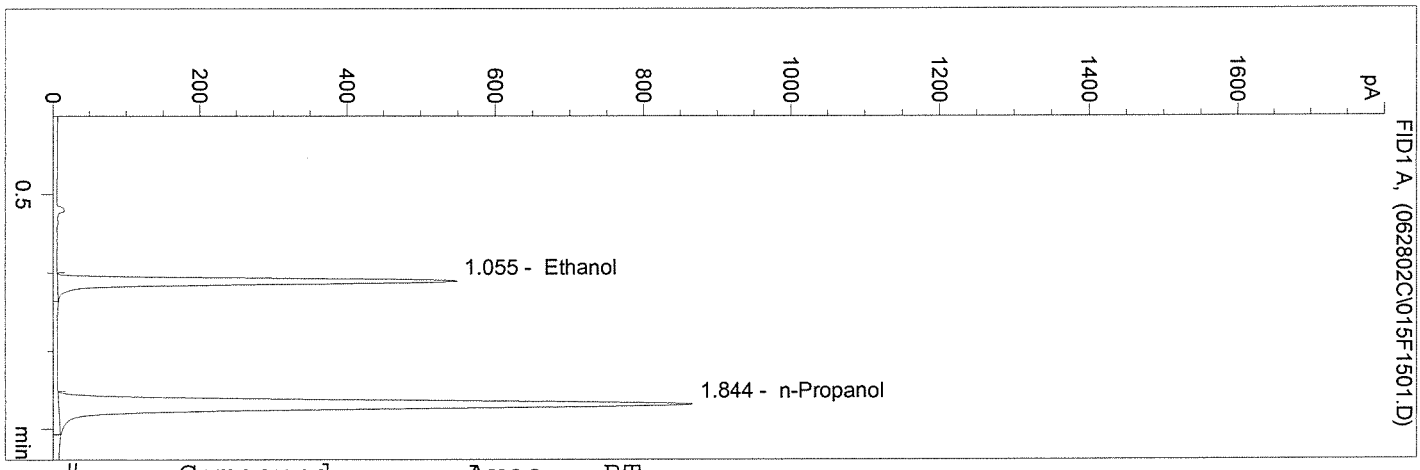


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:28:01 AM
Instrument 2
-ALC1

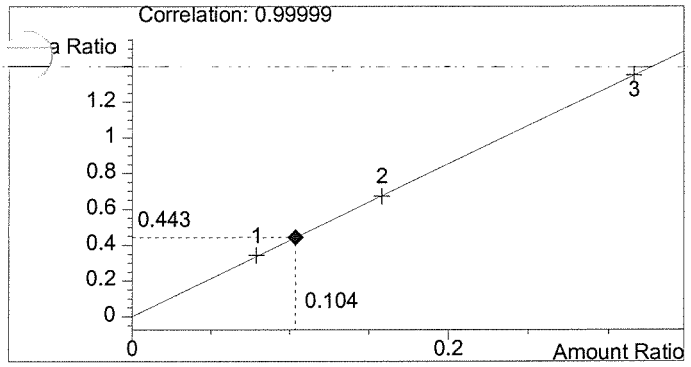
02020 - RL
SIMULATOR SOLUTION

vial # 15

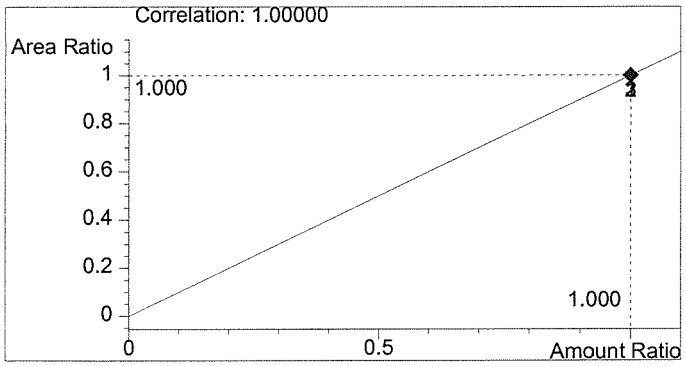


#	Compound	Area	RT
1	Ethanol	1467	1.055
2	n-Propanol	3308	1.844

Totals:



Ethanol 0.104 g/100ml



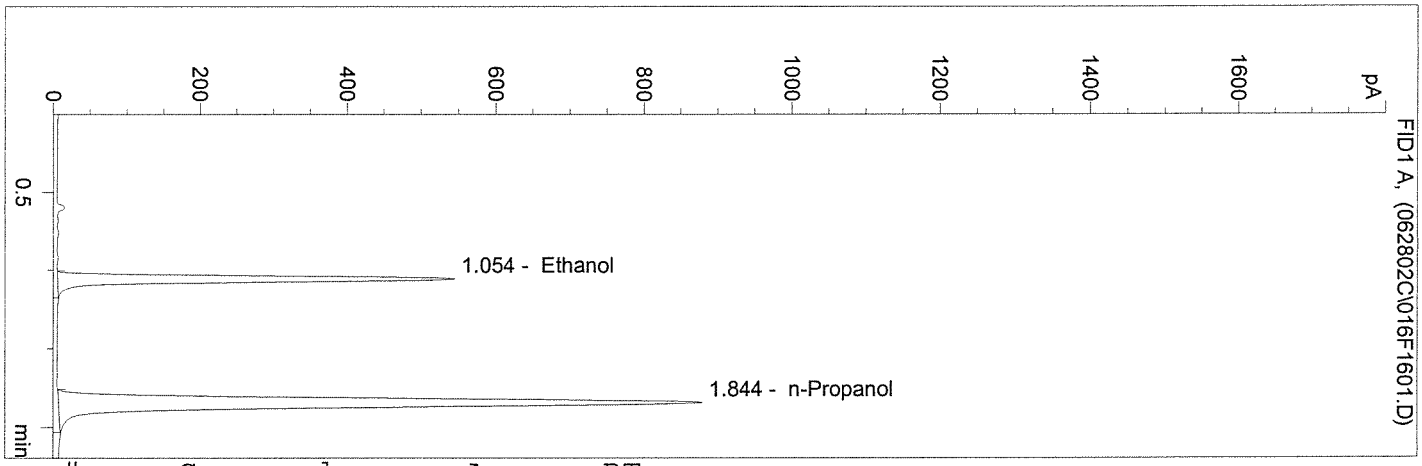
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:31:02 AM
Instrument 2
-ALC1

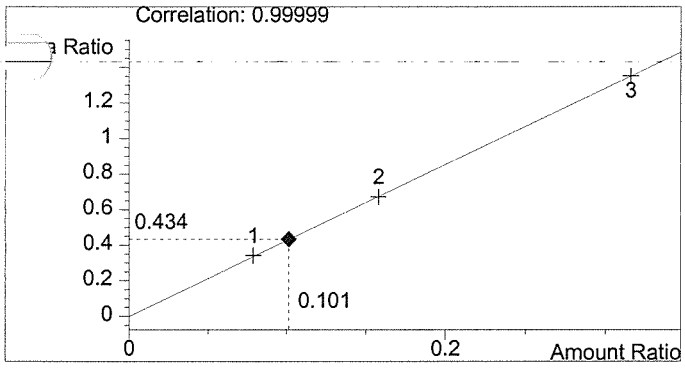
0.10 CONTROL-RL
SIMULATOR SOLUTION

vial # 16

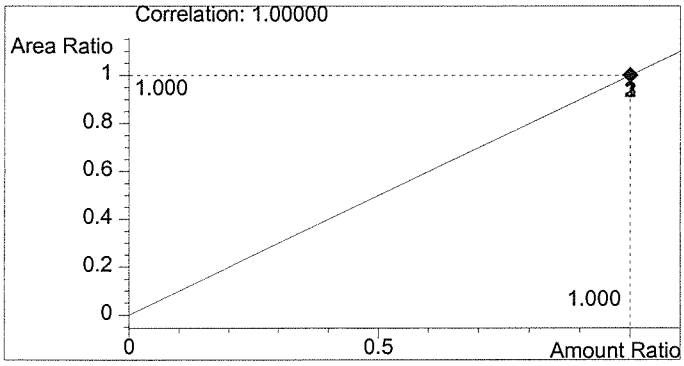


#	Compound	Area	RT
1	Ethanol	1455	1.054
2	n-Propanol	3355	1.844

Totals:



Ethanol 0.101 g/100ml



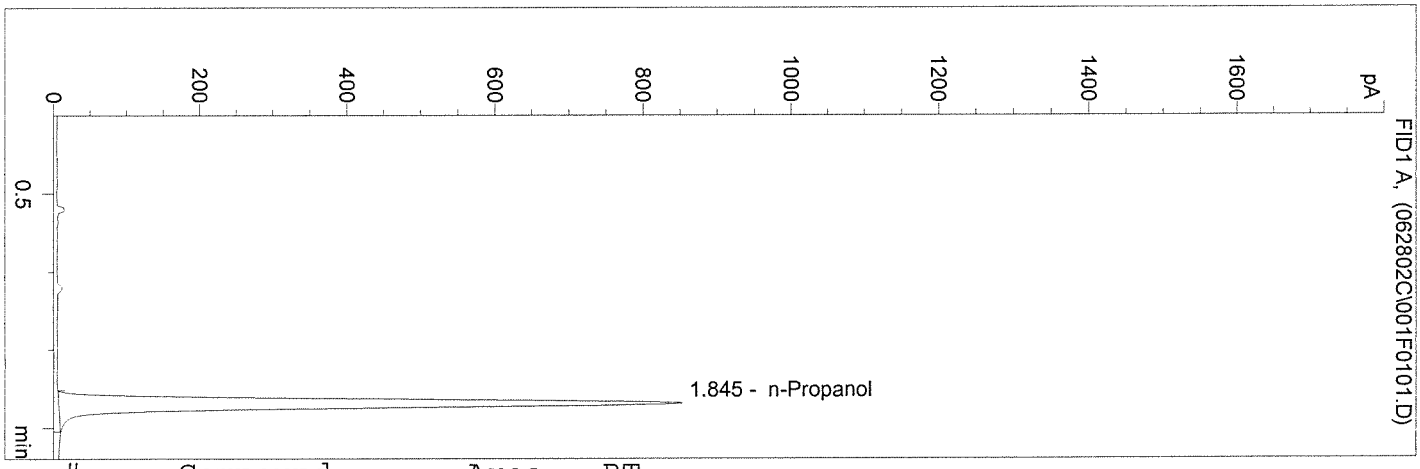
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 8:44:19 AM
Instrument 2
-ALC1

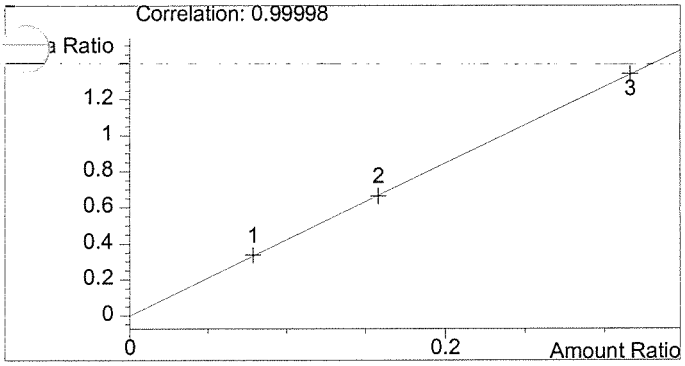
BLANK
SIMULATOR SOLUTION

vial # 1

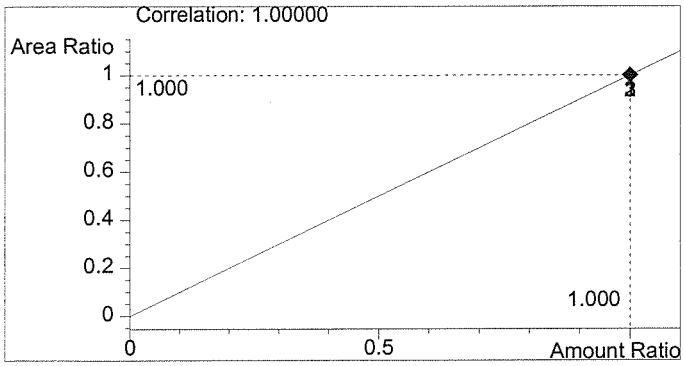


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3244	1.845

Totals:



Ethanol 0.000 g/100ml

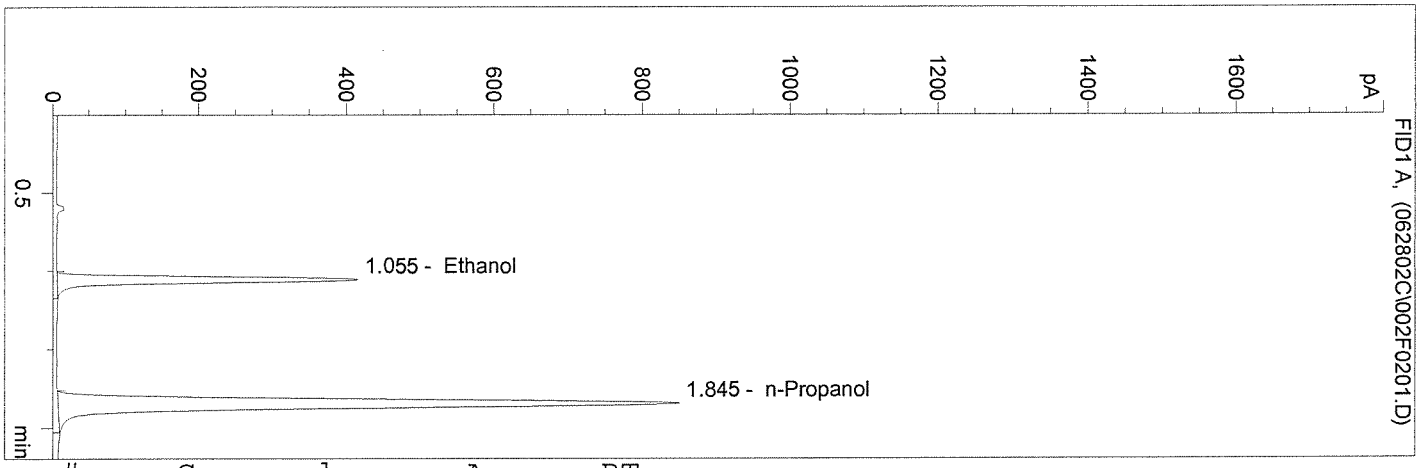


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 8:47:21 AM
Instrument 2
-ALC1

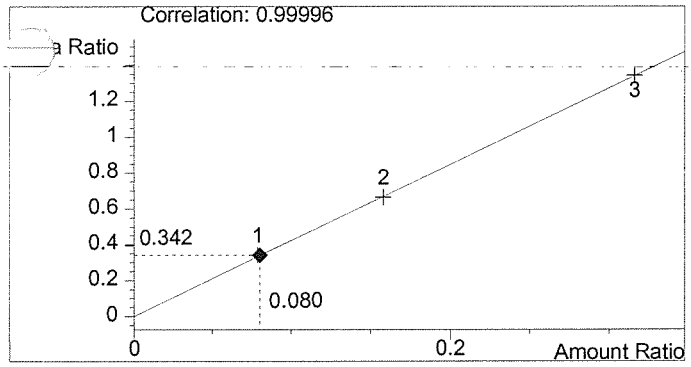
0.079 CAL
SIMULATOR SOLUTION

vial # 2

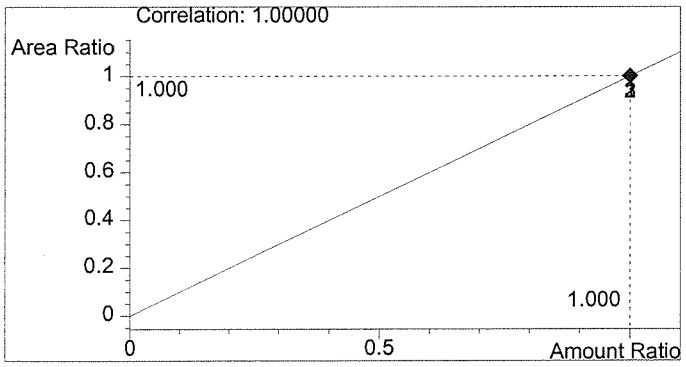


#	Compound	Area	RT
1	Ethanol	1110	1.055
2	n-Propanol	3248	1.845

Totals:



Ethanol 0.080 g/100ml



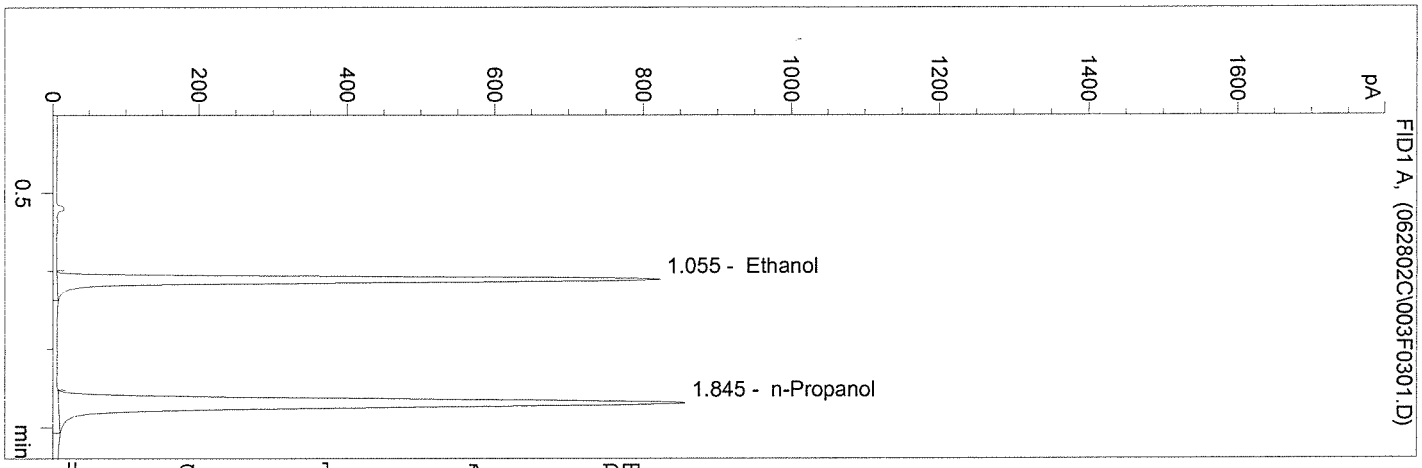
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 8:50:23 AM
Instrument 2
-ALC1

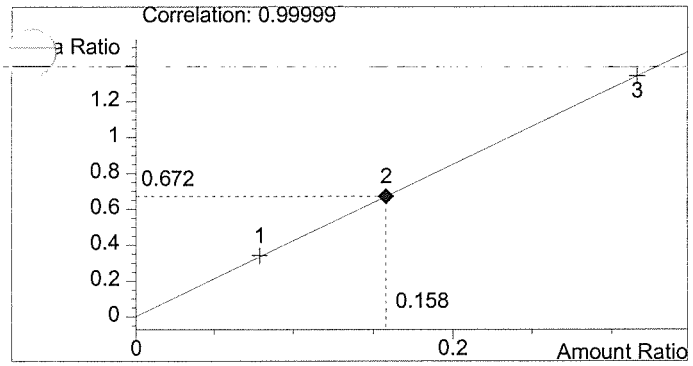
0.158 CAL
SIMULATOR SOLUTION

vial # 3

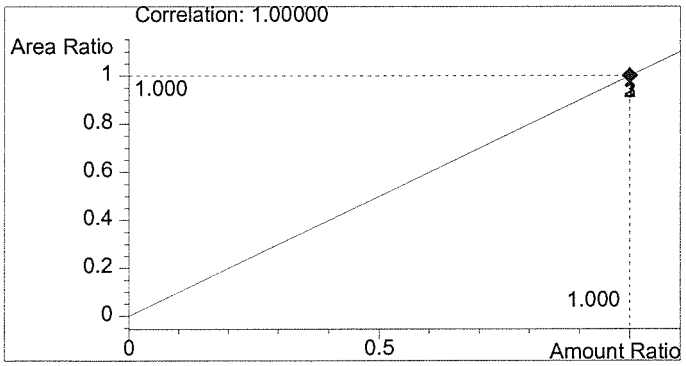


#	Compound	Area	RT
1	Ethanol	2194	1.055
2	n-Propanol	3264	1.845

Totals:



Ethanol 0.158 g/100ml



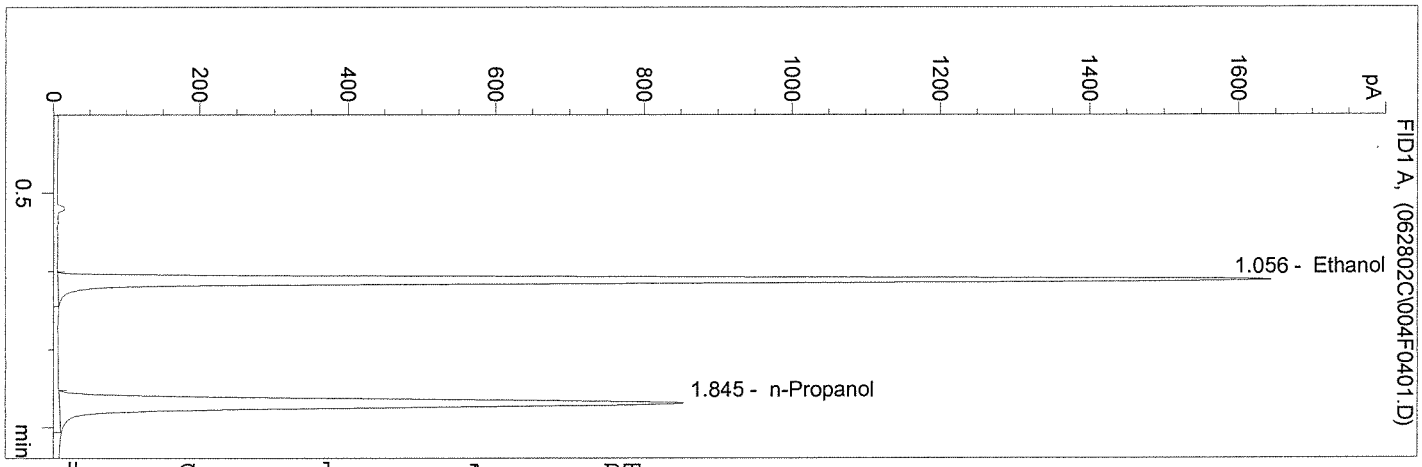
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 8:53:24 AM
Instrument 2
-ALC1

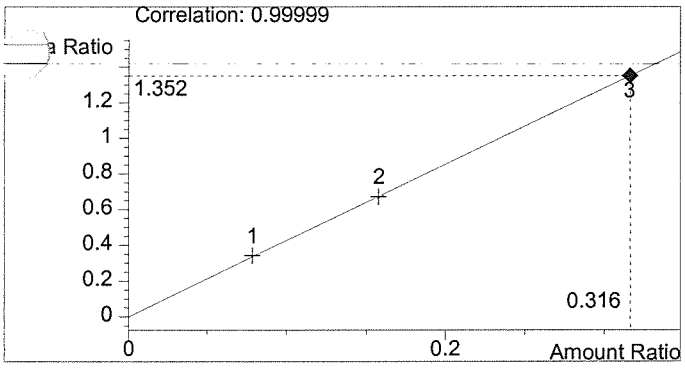
0.316 CAL
SIMULATOR SOLUTION

vial # 4

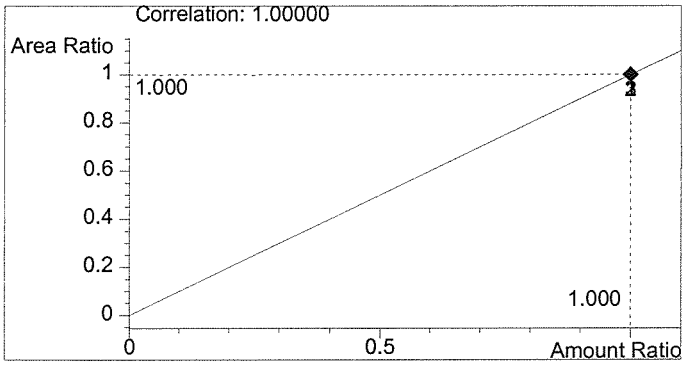


#	Compound	Area	RT
1	Ethanol	4395	1.056
2	n-Propanol	3252	1.845

Totals:



Ethanol 0.316 g/100ml

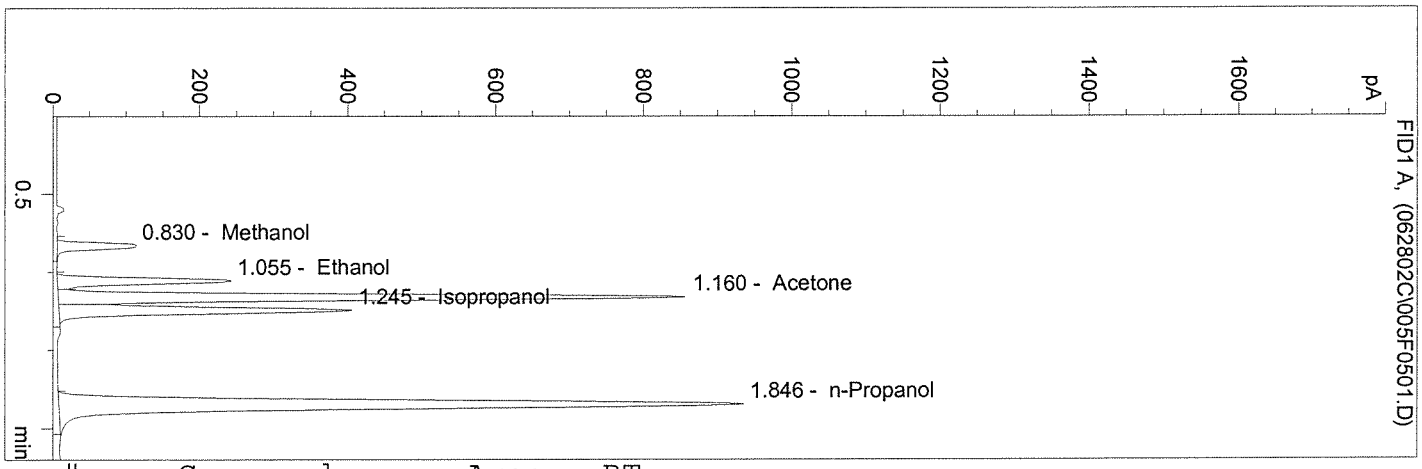


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\VOL.M
6/28/02 8:56:59 AM
Instrument 2
-ALC1

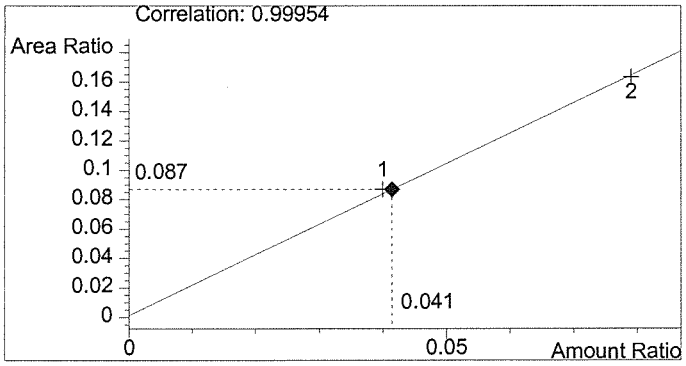
0.04 MIX
SIMULATOR SOLUTION

vial # 5

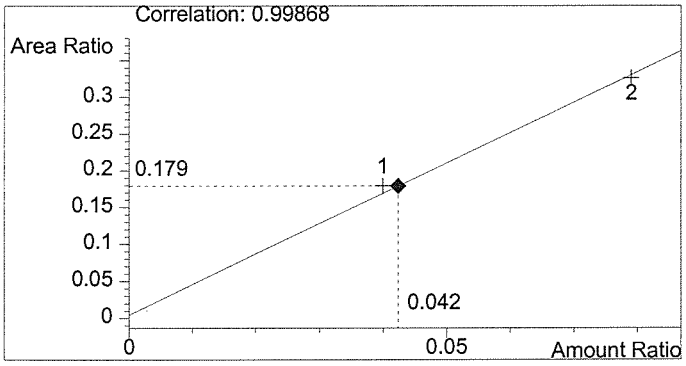


#	Compound	Area	RT
1	Methanol	310	0.830
2	Ethanol	639	1.055
3	Acetone	2237	1.160
4	Isopropanol	1144	1.245
5	n-Propanol	3565	1.846

Totals:

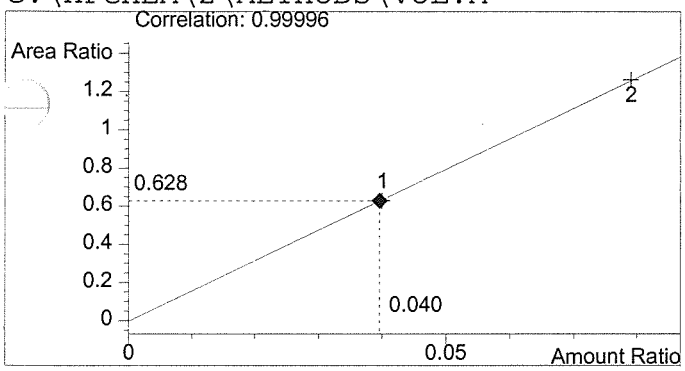


Methanol 0.041 g/100ml

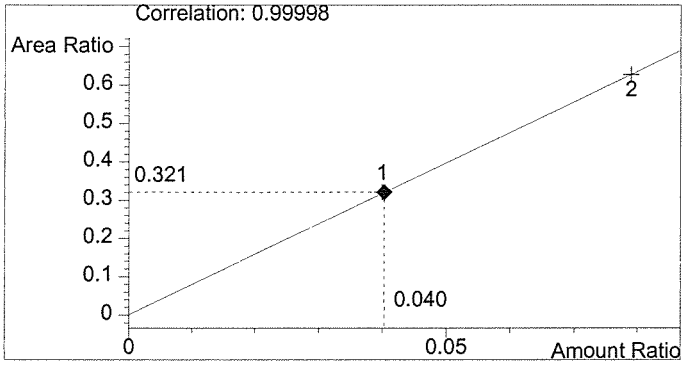


Ethanol 0.042 g/100ml

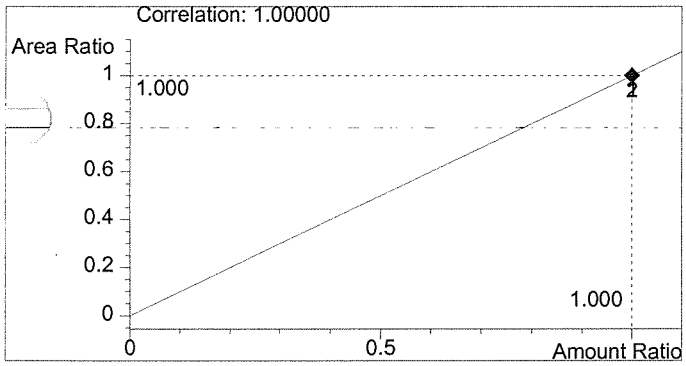
C:\HPCHEM\2\METHODS\VOL.M



Acetone 0.040 g/100ml



Isopropanol 0.040 g/100ml



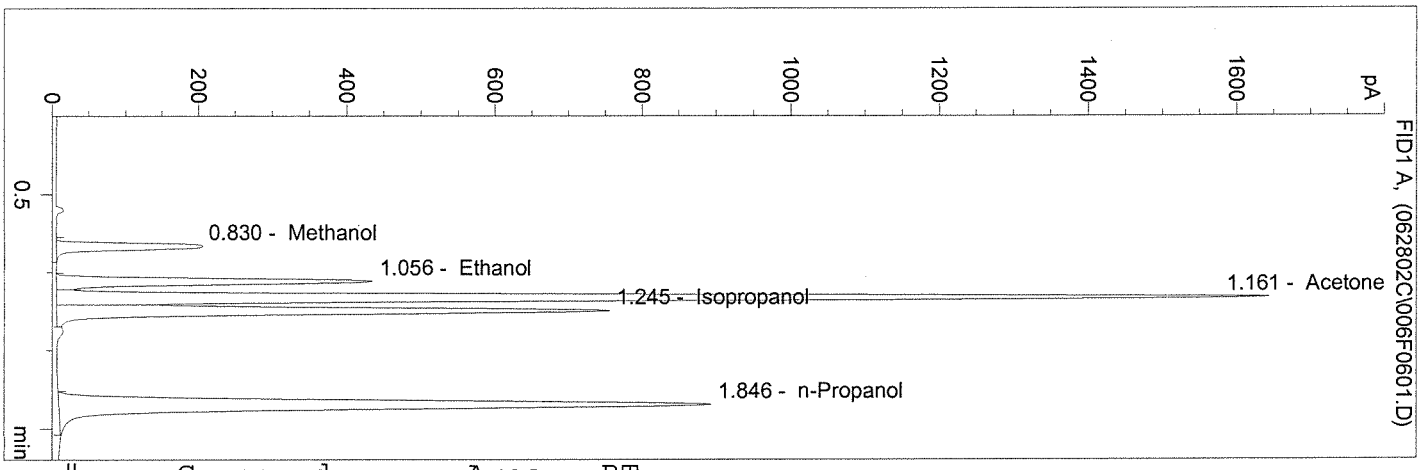
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
6/28/02 9:00:00 AM
Instrument 2
-ALC1

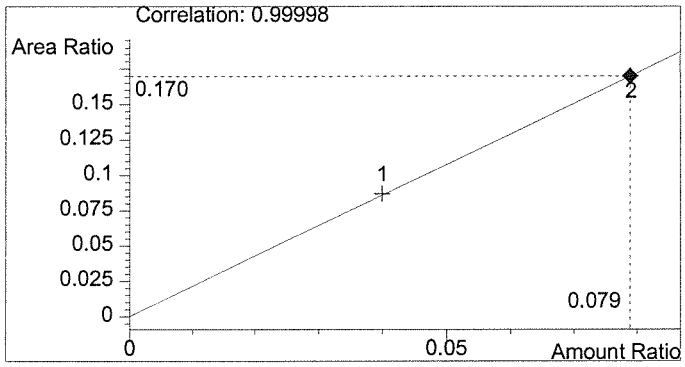
0.08 MIX
SIMULATOR SOLUTION

vial # 6

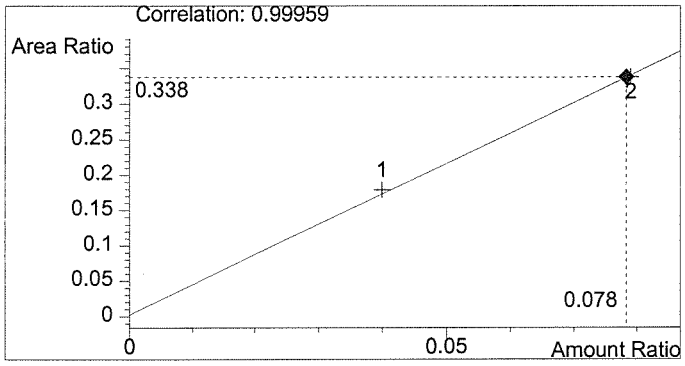


#	Compound	Area	RT
1	Methanol	578	0.830
2	Ethanol	1149	1.056
3	Acetone	4315	1.161
4	Isopropanol	2188	1.245
5	n-Propanol	3405	1.846

Totals:

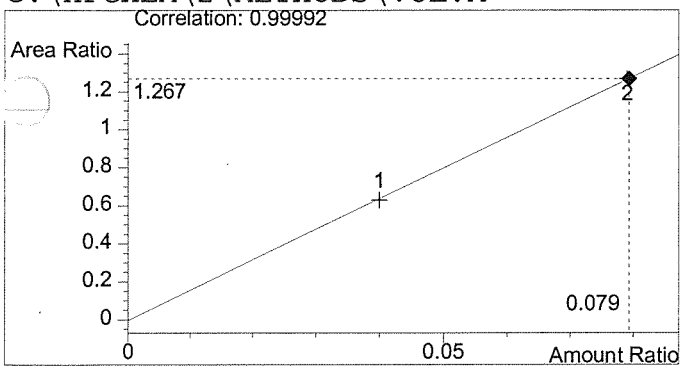


Methanol 0.079 g/100ml

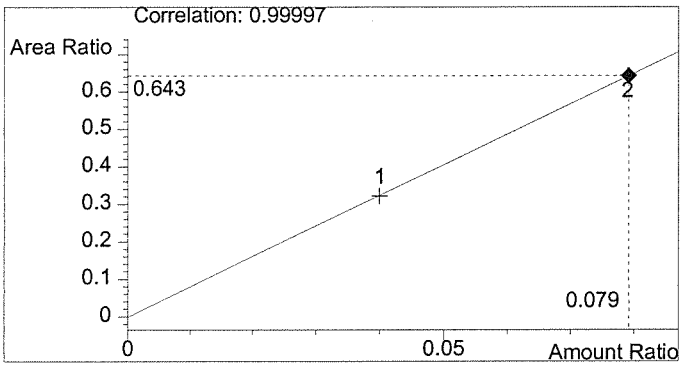


Ethanol 0.078 g/100ml

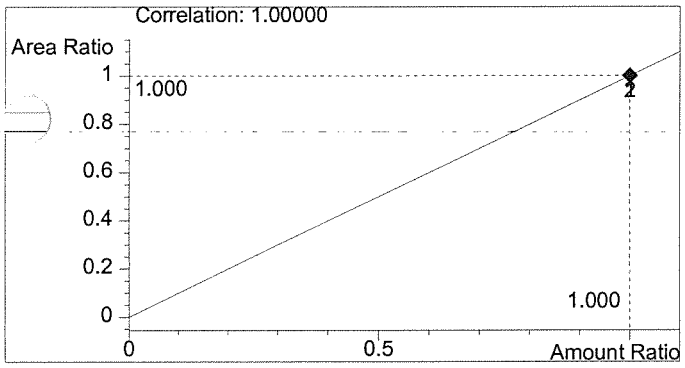
C:\HPCHEM\2\METHODS\VOL.M



Acetone 0.079 g/100ml



Isopropanol 0.079 g/100ml

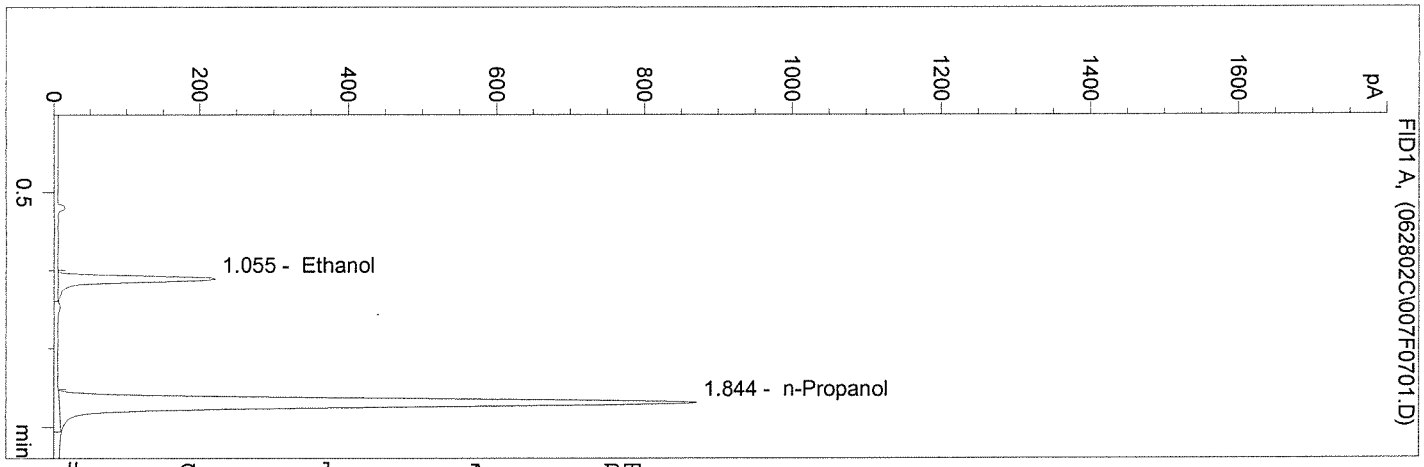


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:03:09 AM
Instrument 2
-ALC1

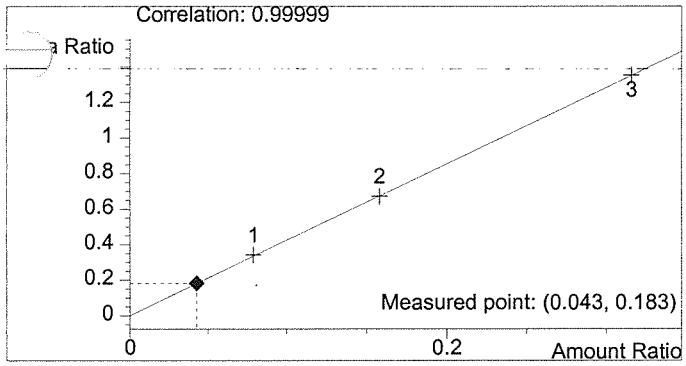
0.04 CAP
SIMULATOR SOLUTION

vial # 7

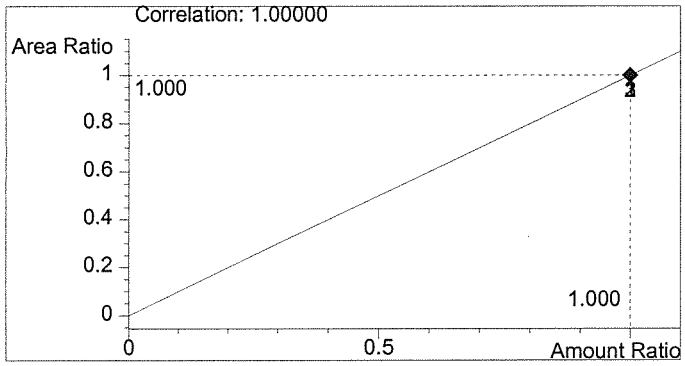


#	Compound	Area	RT
1	Ethanol	610	1.055
2	n-Propanol	3329	1.844

Totals:



Ethanol 0.043 g/100ml

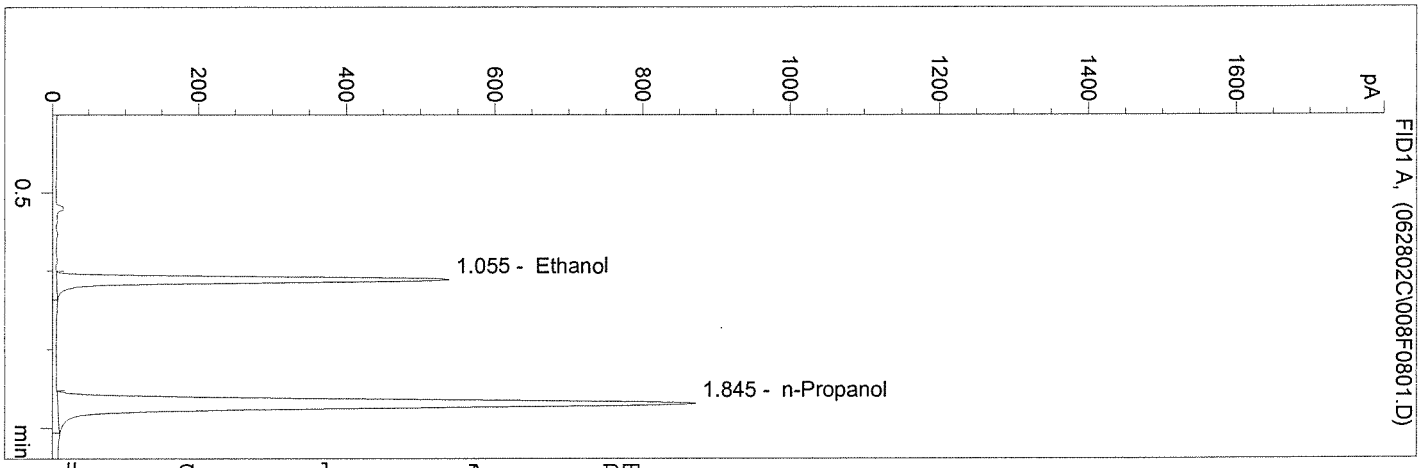


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:06:11 AM
Instrument 2
-ALC1

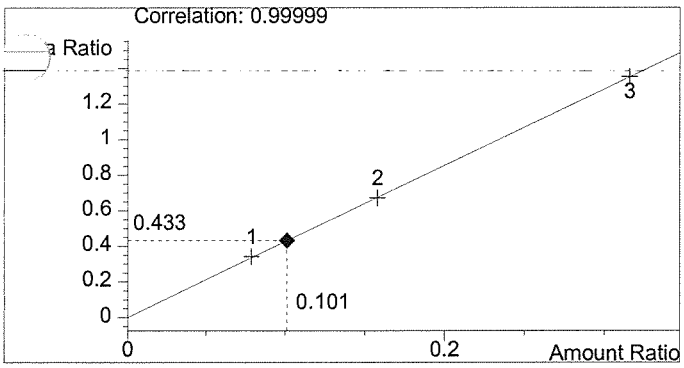
0.10 CONTROL
SIMULATOR SOLUTION

vial # 8

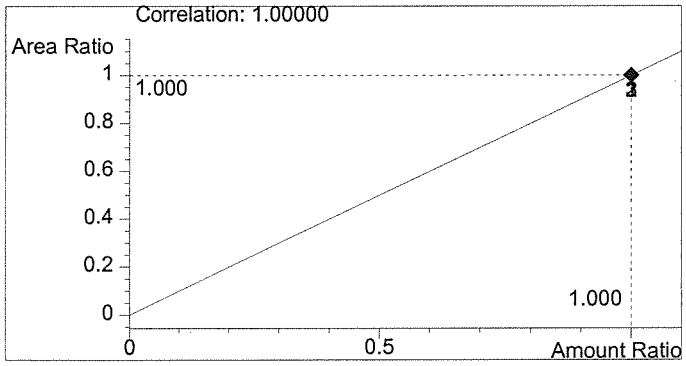


#	Compound	Area	RT
1	Ethanol	1442	1.055
2	n-Propanol	3333	1.845

Totals:



Ethanol 0.101 g/100ml



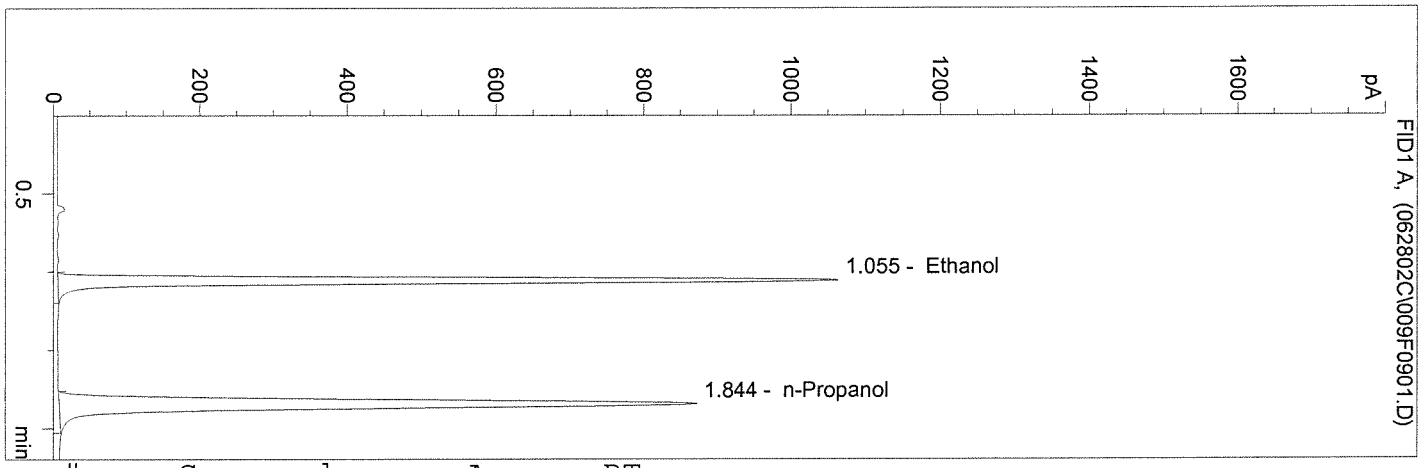
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:09:32 AM
Instrument 2
-ALC1

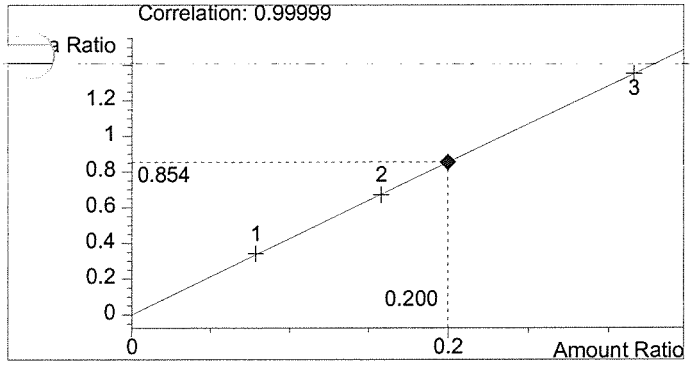
0.20 CONTROL
SIMULATOR SOLUTION

vial # 9

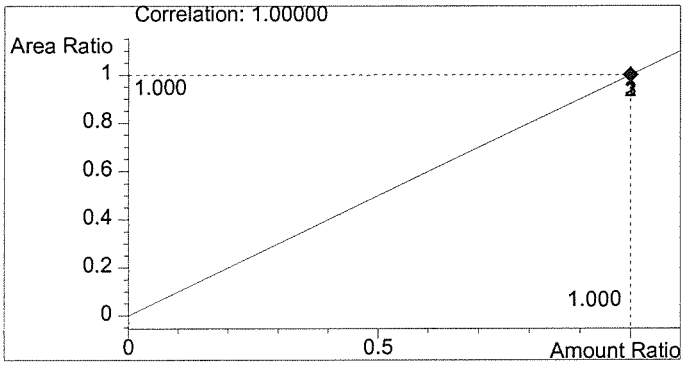


#	Compound	Area	RT
1	Ethanol	2841	1.055
2	n-Propanol	3327	1.844

Totals:



Ethanol 0.200 g/100ml



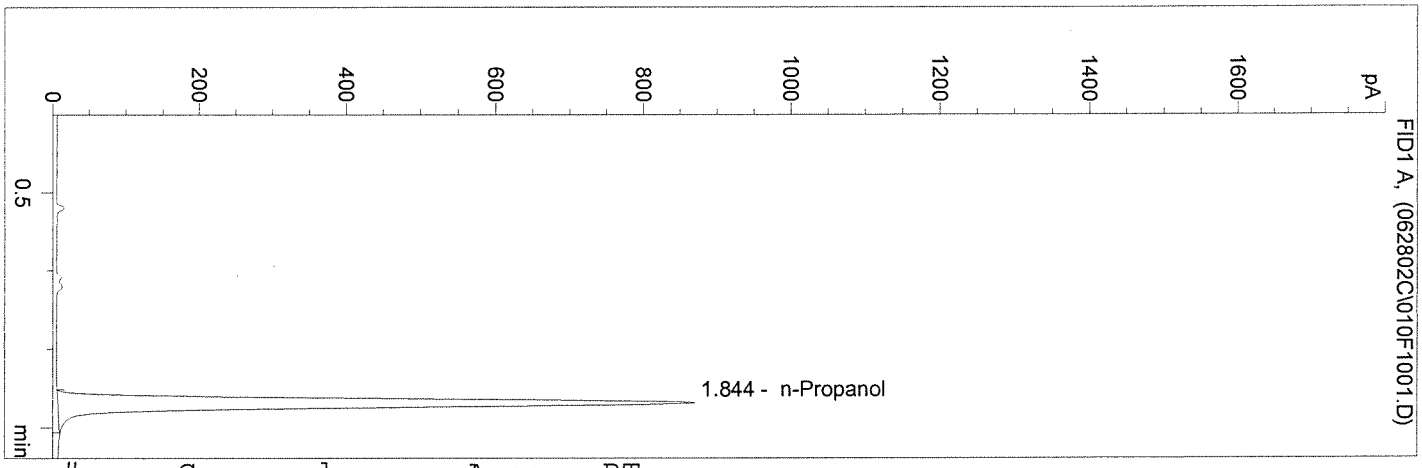
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:12:34 AM
Instrument 2
-ALC1

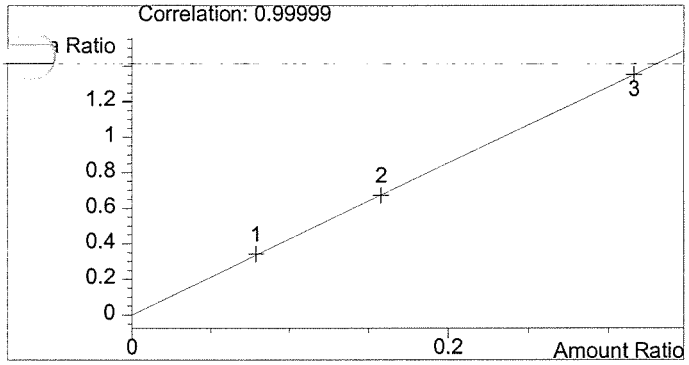
BLANK
SIMULATOR SOLUTION

vial # 10

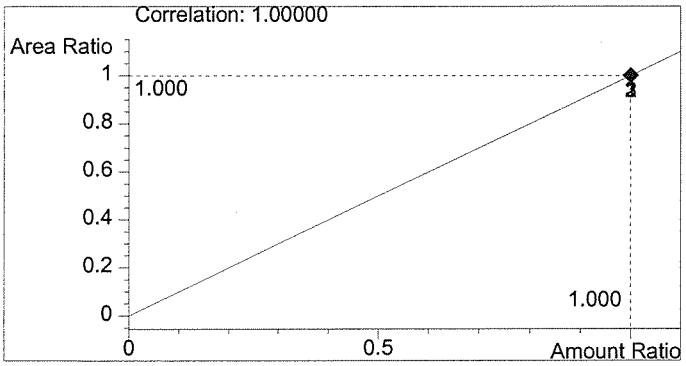


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3321	1.844

Totals:



Ethanol 0.000 g/100ml

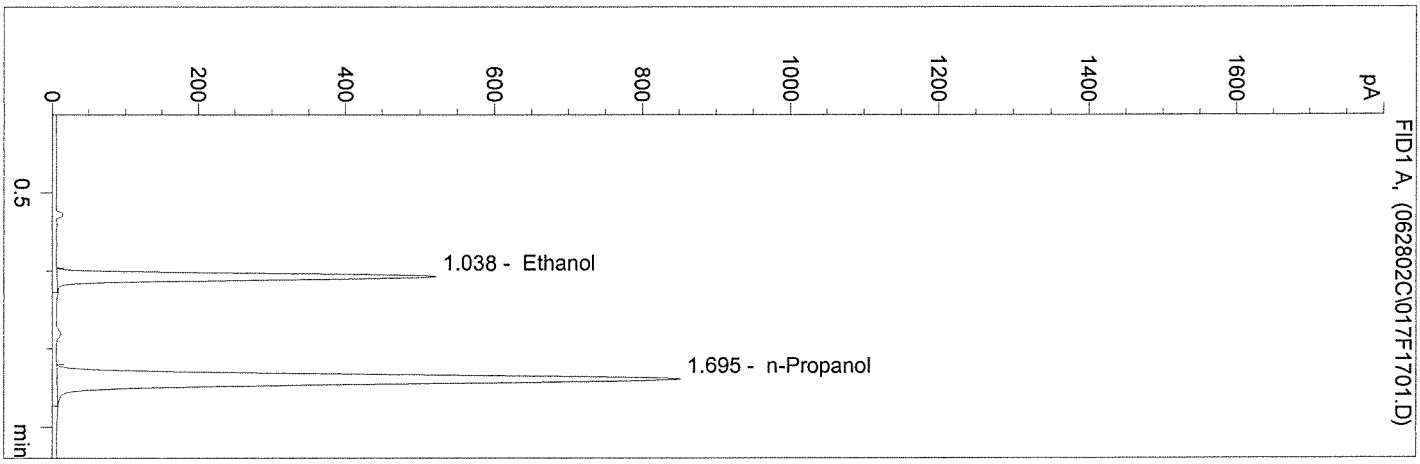


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:34:16 AM
Instrument 1
-ALC1

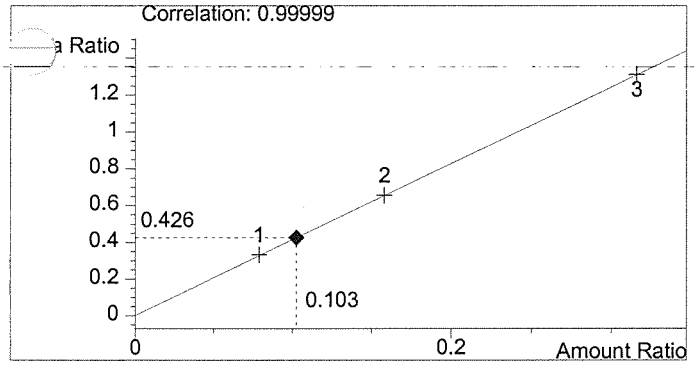
02020 - EF
SIMULATOR SOLUTION

vial # 17

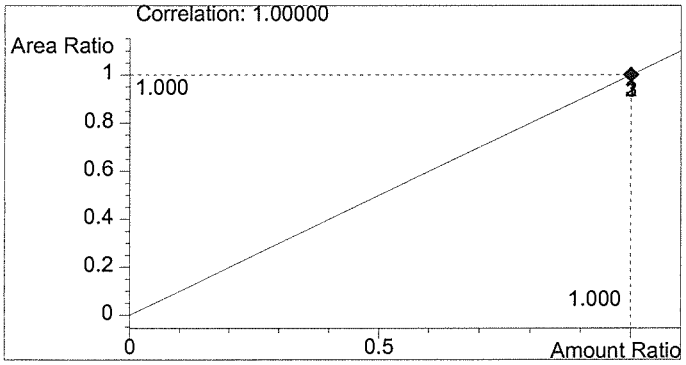


#	Compound	Area	RT
1	Ethanol	1490	1.038
2	n-Propanol	3497	1.695

Totals:



Ethanol 0.103 g/100ml



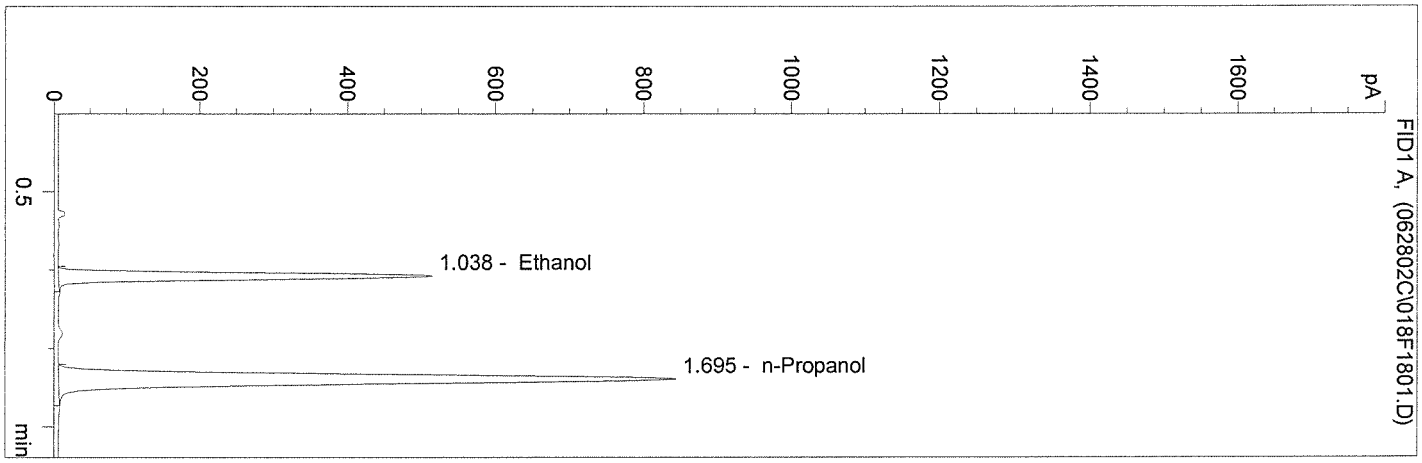
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:37:18 AM
Instrument 1
ALC1

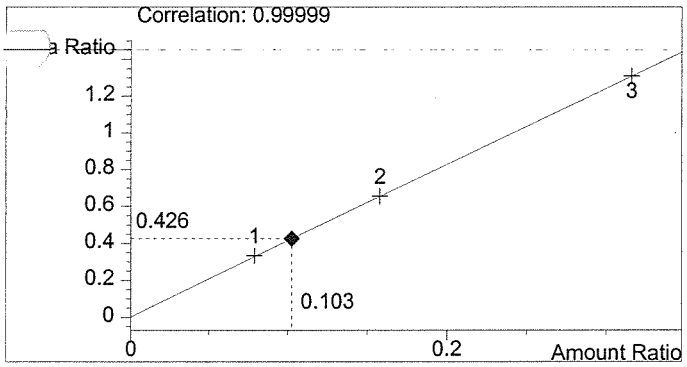
02020 - EF
SIMULATOR SOLUTION

vial # 18

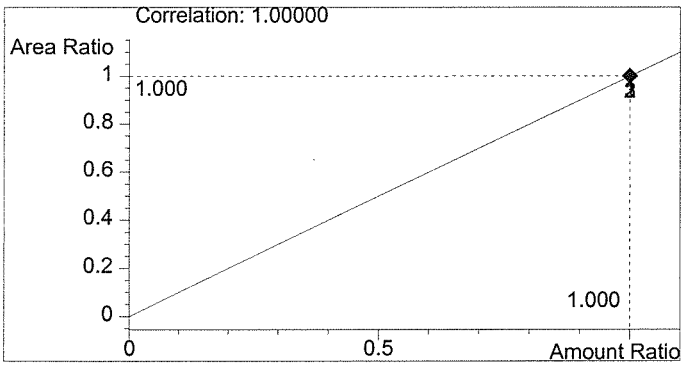


#	Compound	Area	RT
1	Ethanol	1476	1.038
2	n-Propanol	3463	1.695

Totals:



Ethanol 0.103 g/100ml



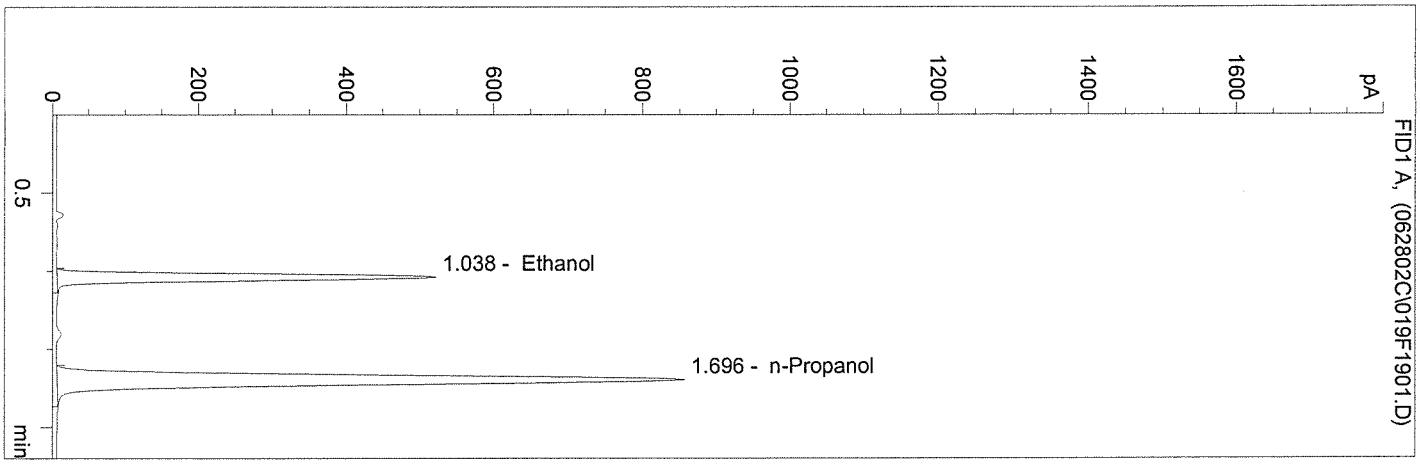
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:40:20 AM
Instrument 1
-ALC1

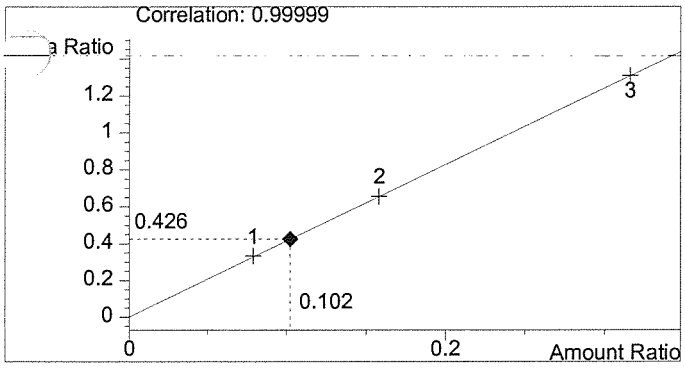
02020 - EF
SIMULATOR SOLUTION

vial # 19

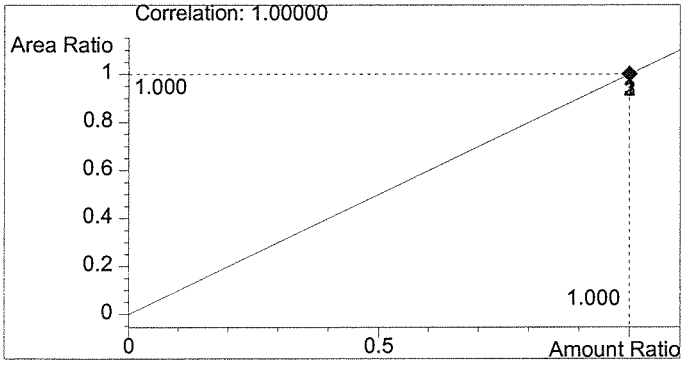


#	Compound	Area	RT
1	Ethanol	1500	1.038
2	n-Propanol	3526	1.696

Totals:



Ethanol 0.102 g/100ml



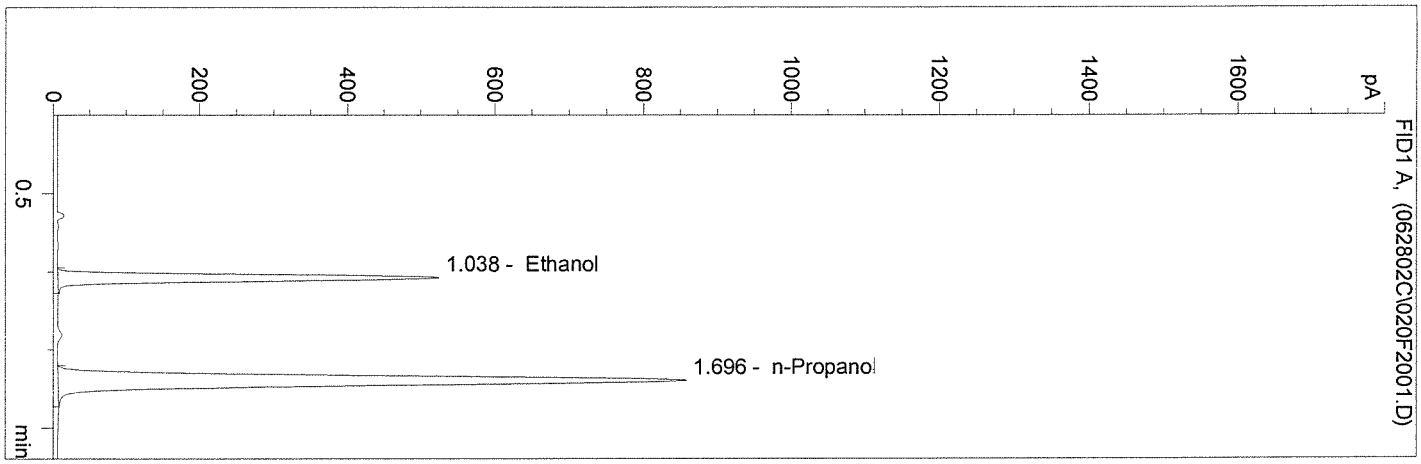
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:43:21 AM
Instrument 1
-ALC1

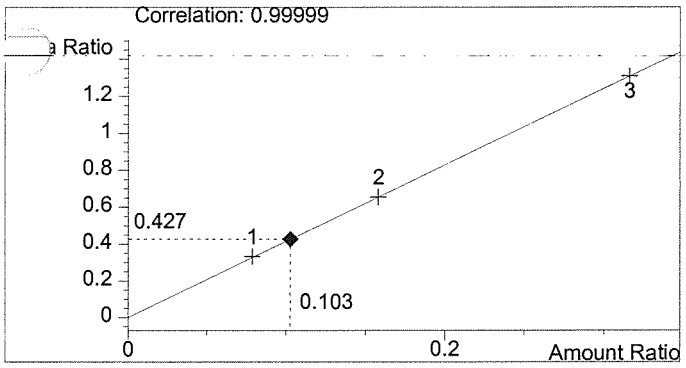
02020 - EF
SIMULATOR SOLUTION

vial # 20

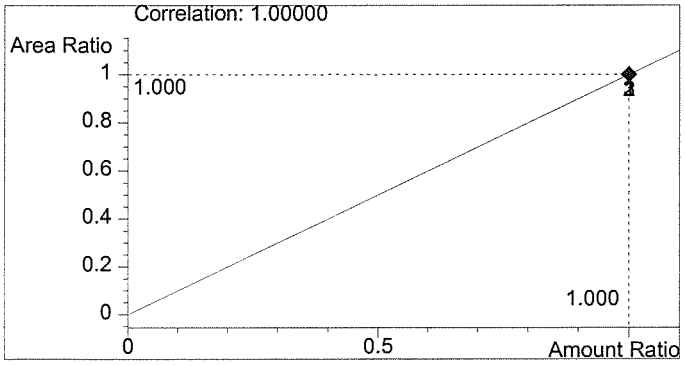


#	Compound	Area	RT
1	Ethanol	1507	1.038
2	n-Propanol	3528	1.696

Totals:



Ethanol 0.103 g/100ml



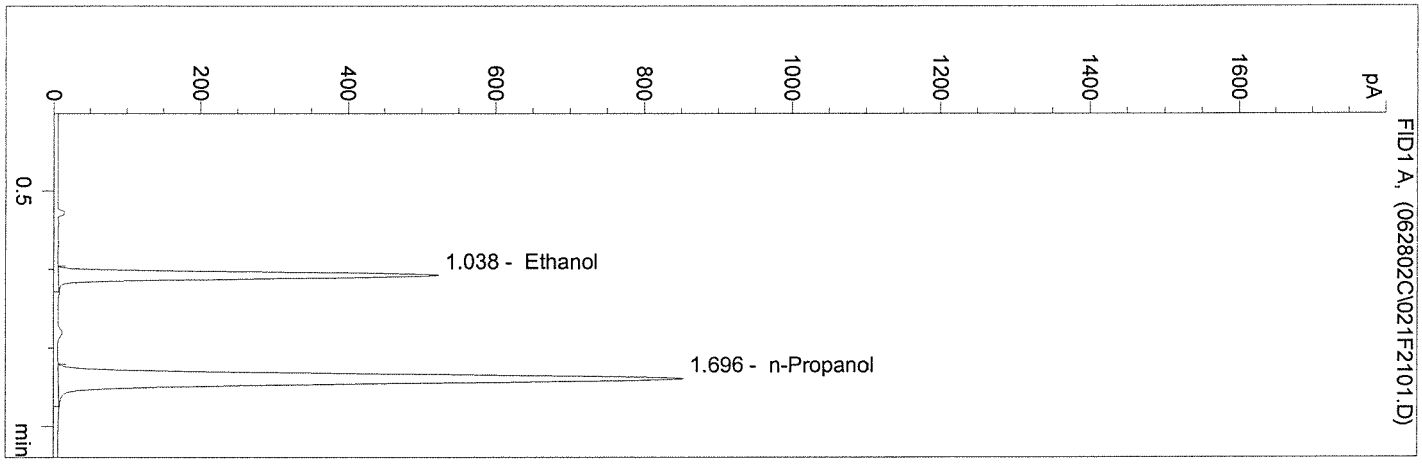
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:46:40 AM
Instrument 1
-ALC1

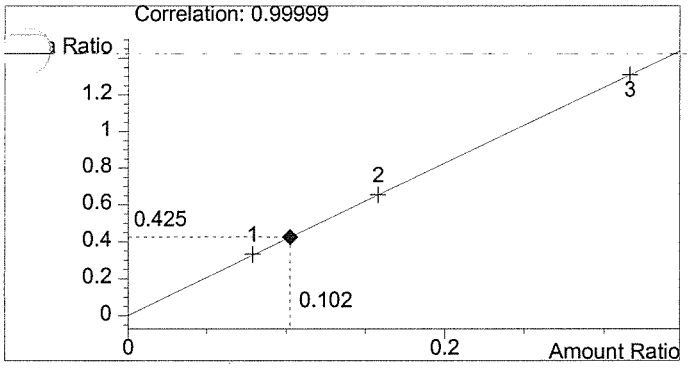
02020 - EF
SIMULATOR SOLUTION

vial # 21

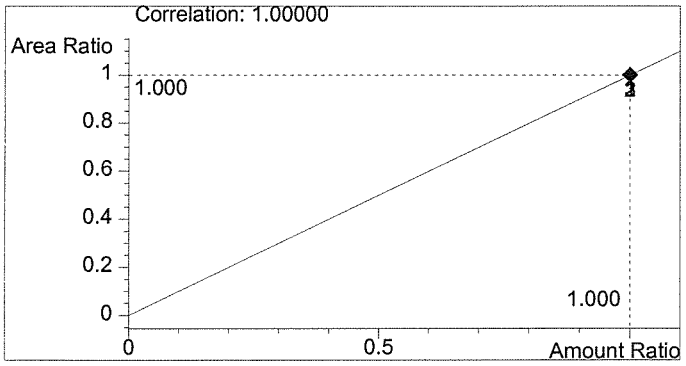


#	Compound	Area	RT
1	Ethanol	1488	1.038
2	n-Propanol	3497	1.696

Totals:



Ethanol 0.102 g/100ml

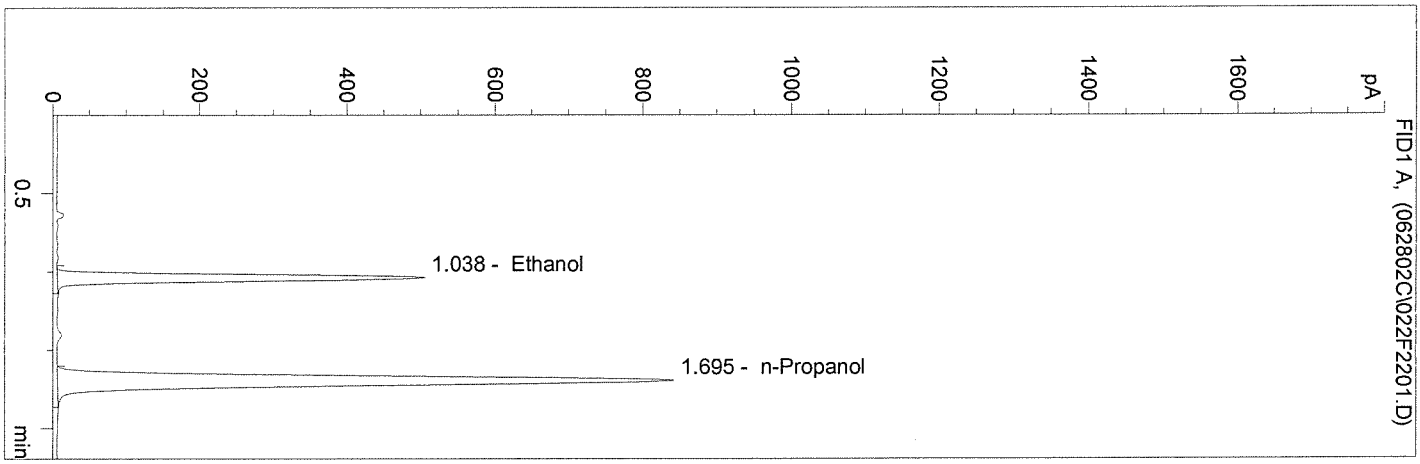


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:49:41 AM
Instrument 1
-ALC1

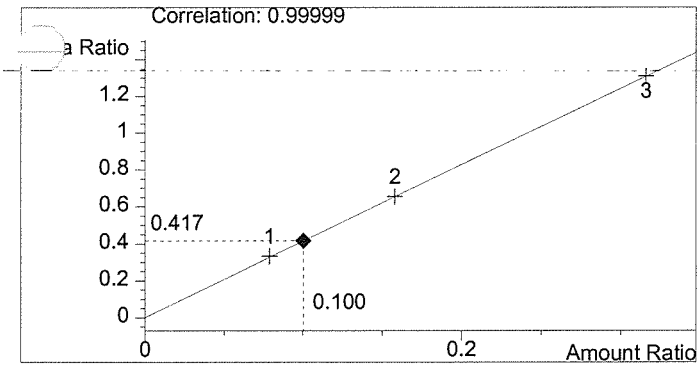
0.10 CONTROL-EF
SIMULATOR SOLUTION

vial # 22

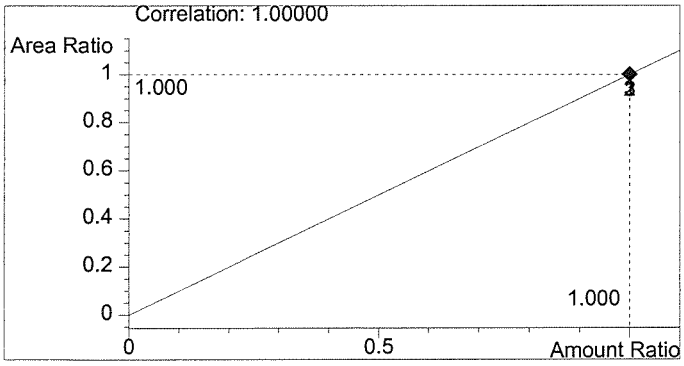


#	Compound	Area	RT
1	Ethanol	1438	1.038
2	n-Propanol	3446	1.695

Totals:



Ethanol 0.100 g/100ml



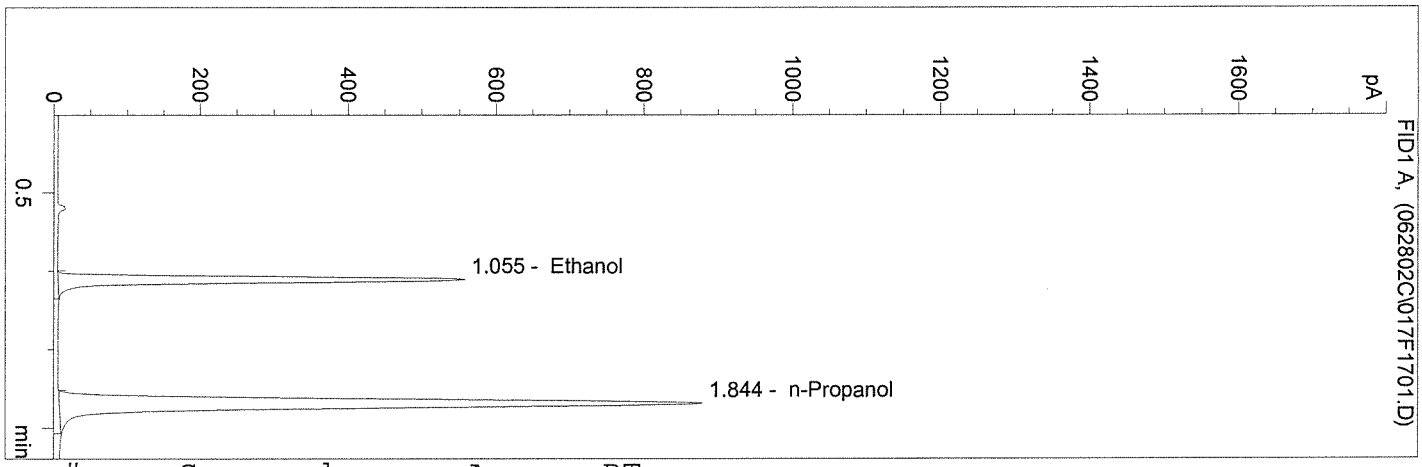
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:34:21 AM
Instrument 2
ALC1

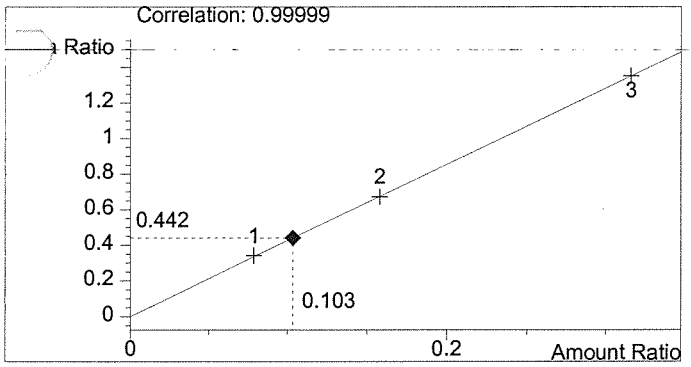
02020 - MP
SIMULATOR SOLUTION

vial # 17

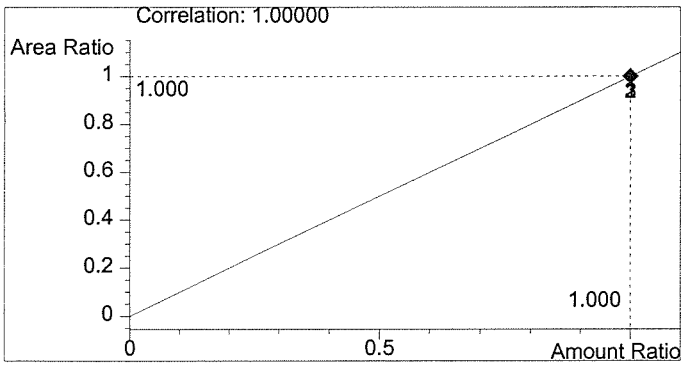


#	Compound	Area	RT
1	Ethanol	1485	1.055
2	n-Propanol	3359	1.844

Totals:



Ethanol 0.103 g/100ml



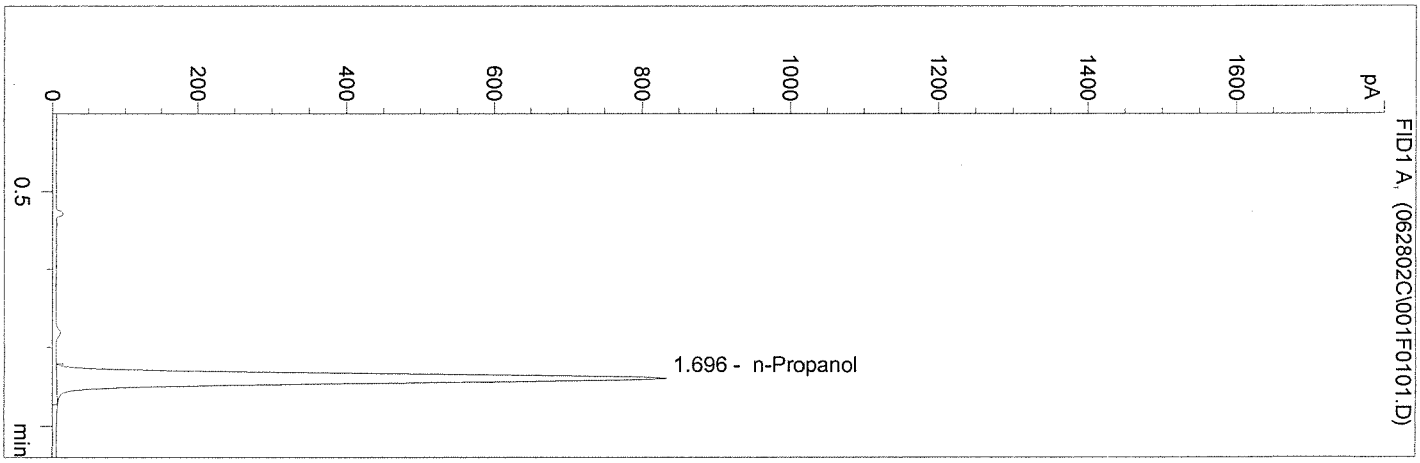
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 8:44:07 AM
Instrument 1
-ALC1

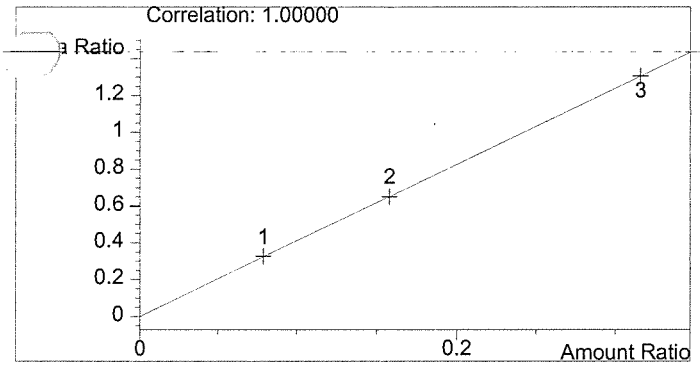
BLANK
SIMULATOR SOLUTION

vial # 1

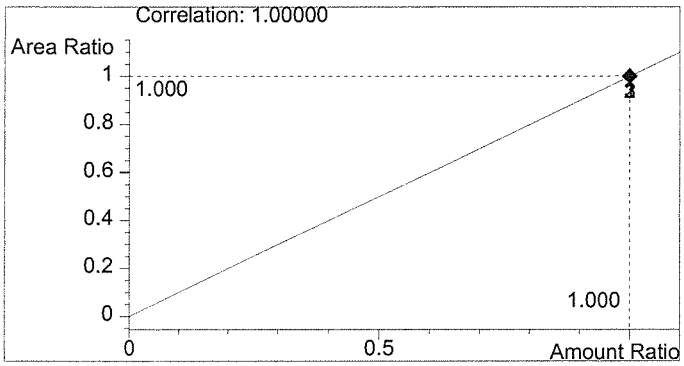


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3419	1.696

Totals:



Ethanol 0.000 g/100ml



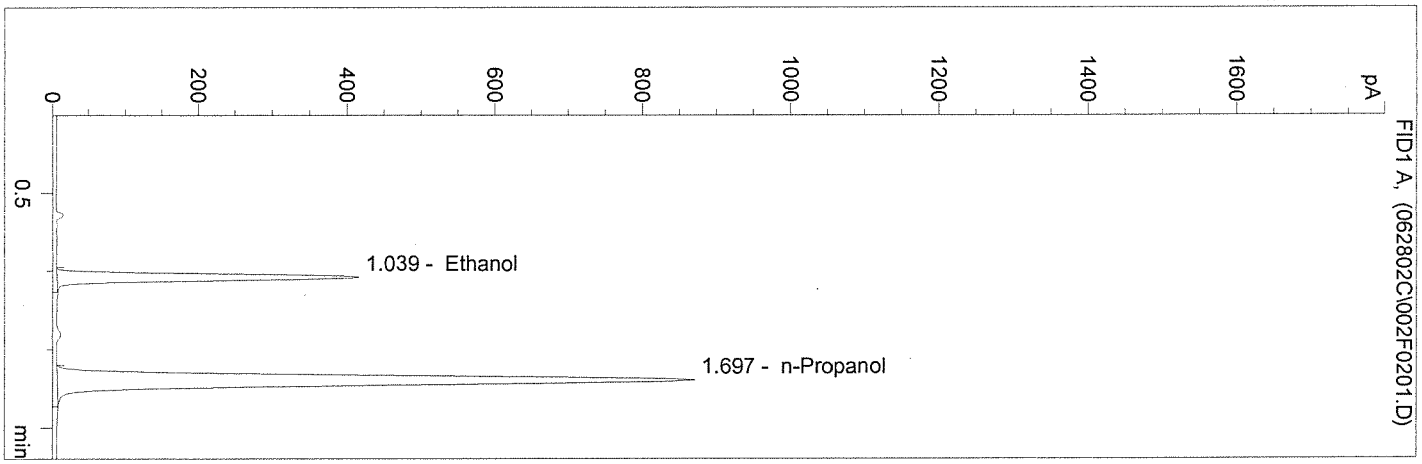
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 8:47:08 AM
Instrument 1
-ALC1

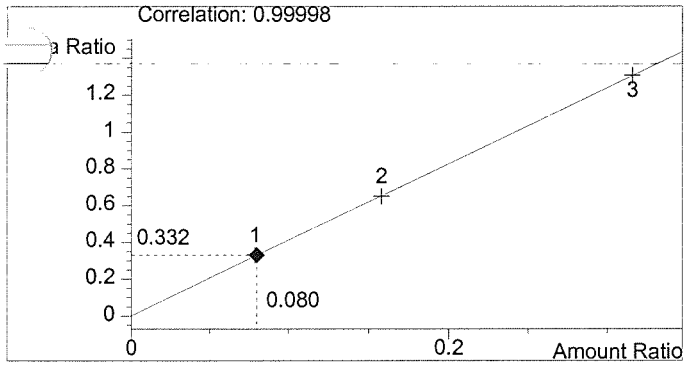
0.079 CAL
SIMULATOR SOLUTION

vial # 2

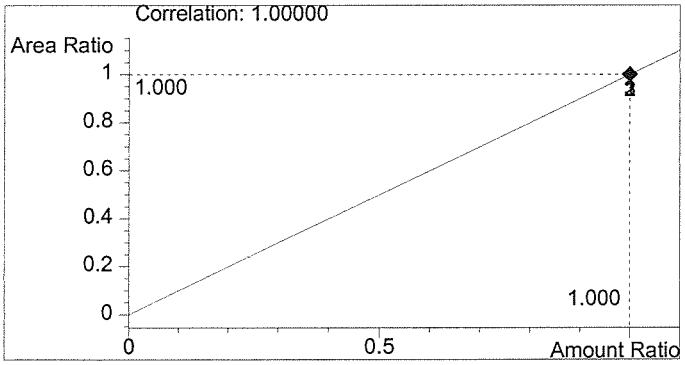


#	Compound	Area	RT
1	Ethanol	1189	1.039
2	n-Propanol	3578	1.697

Totals:



Ethanol 0.080 g/100ml



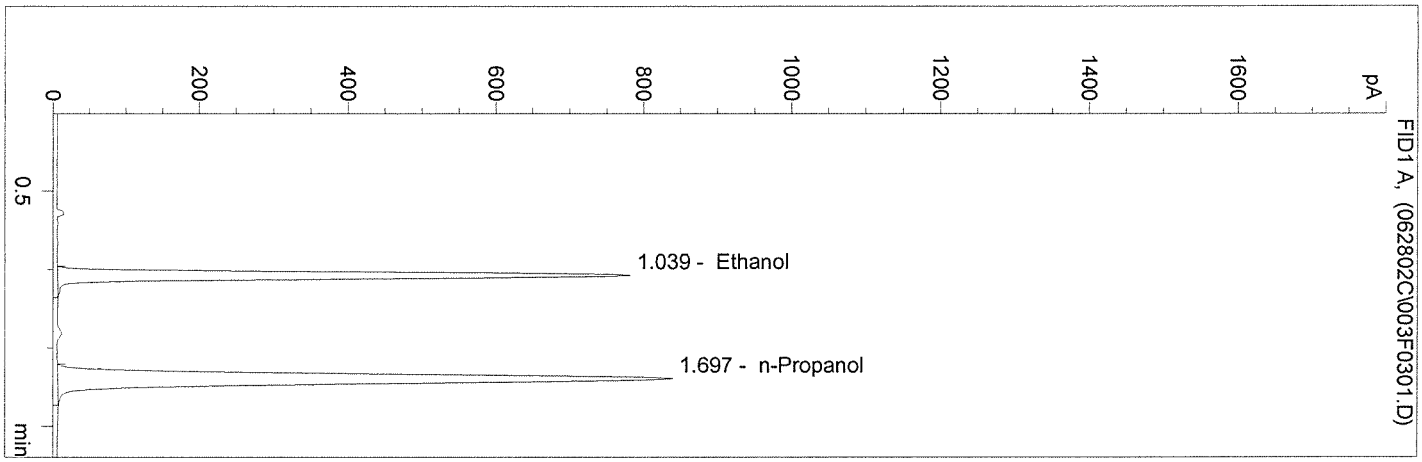
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 8:50:10 AM
Instrument 1
-ALC1

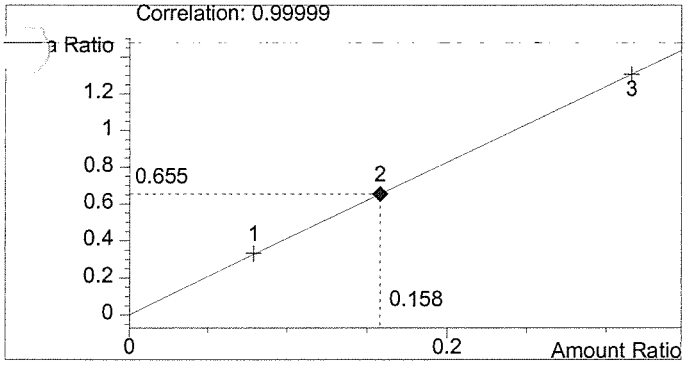
0.158 CAL
SIMULATOR SOLUTION

vial # 3

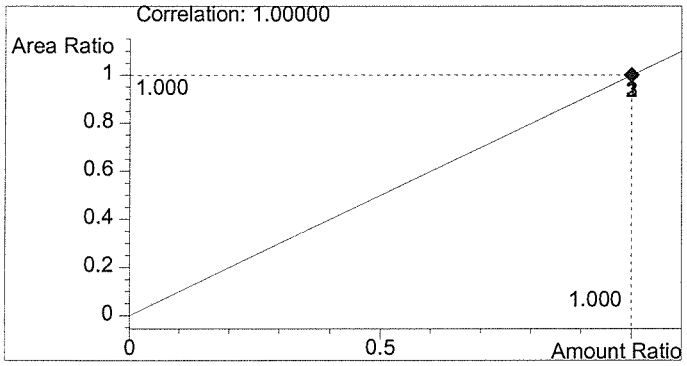


#	Compound	Area	RT
1	Ethanol	2260	1.039
2	n-Propanol	3450	1.697

Totals:



Ethanol 0.158 g/100ml

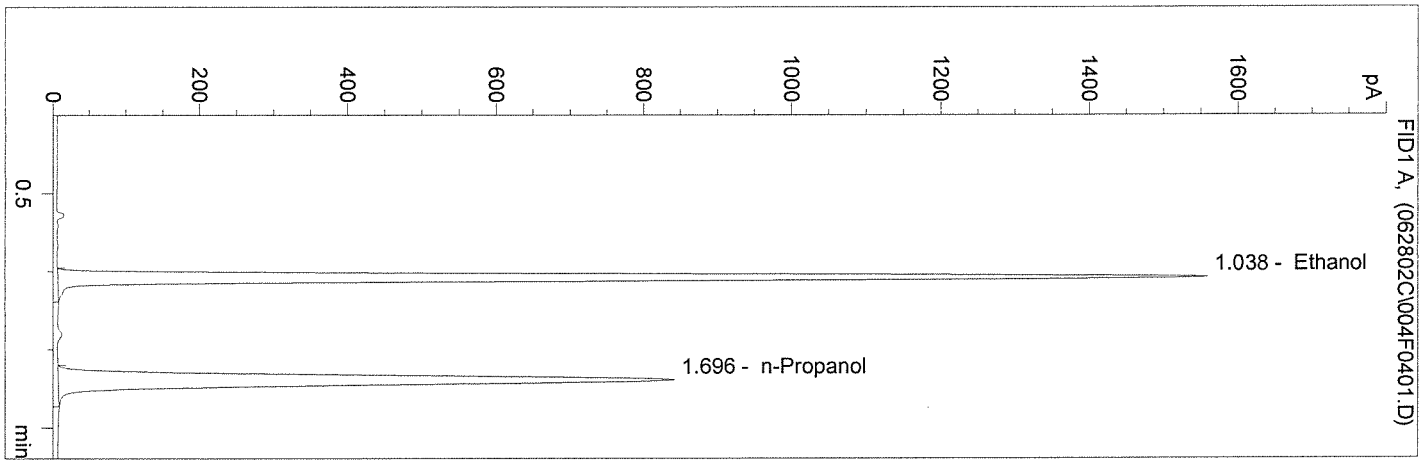


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 8:53:12 AM
Instrument 1
-ALC1

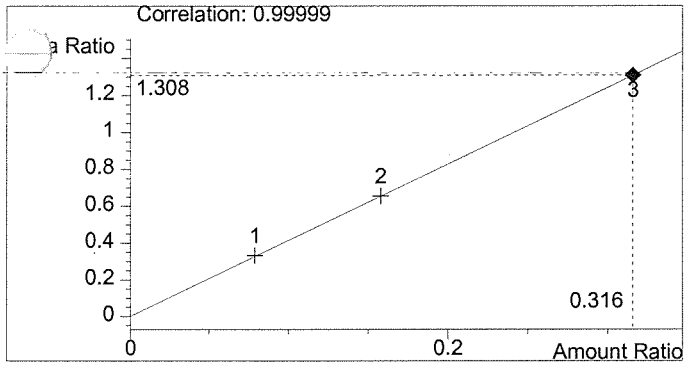
0.316 CAL
SIMULATOR SOLUTION

vial # 4

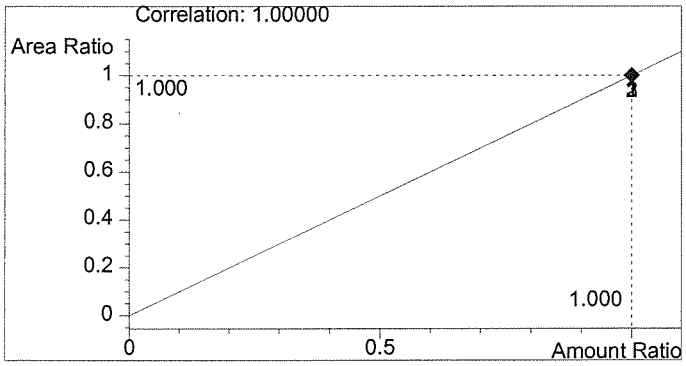


#	Compound	Area	RT
1	Ethanol	4532	1.038
2	n-Propanol	3464	1.696

Totals:



Ethanol 0.316 g/100ml



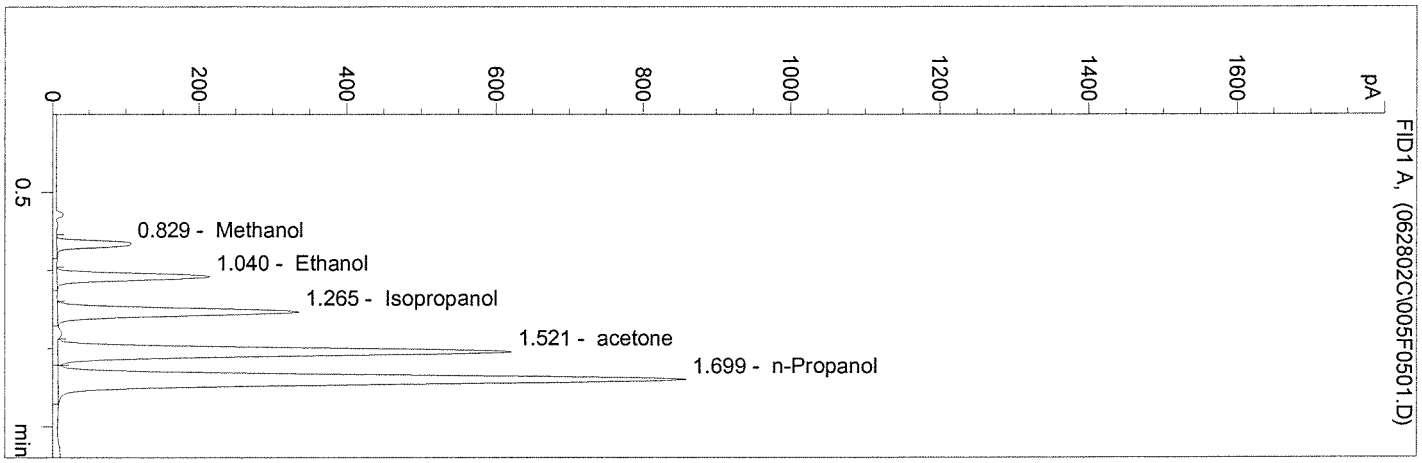
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\VOL.M
6/28/02 8:56:39 AM
Instrument 1
-ALC1

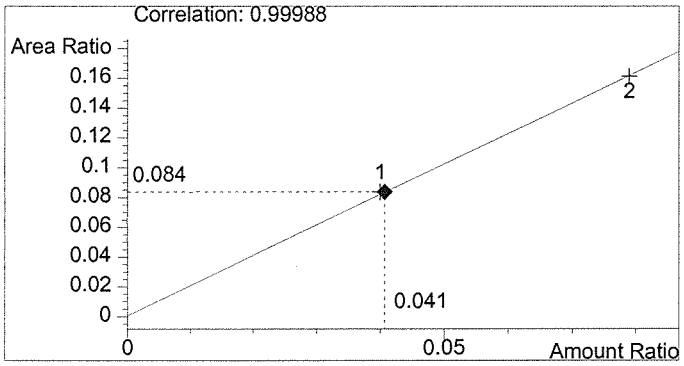
0.04 MIX
SIMULATOR SOLUTION

vial # 5

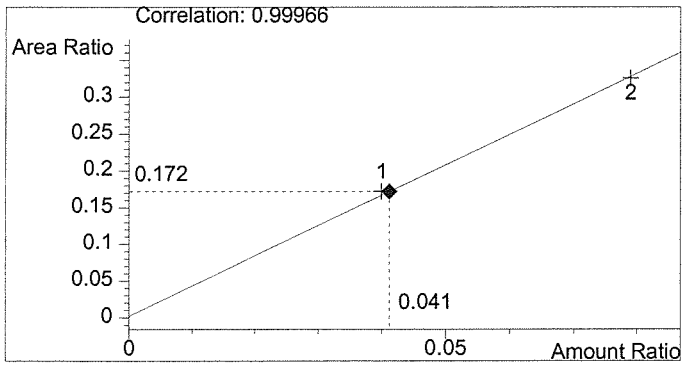


#	Compound	Area	RT
1	Methanol	294	0.829
2	Ethanol	605	1.040
3	Isopropanol	1096	1.265
4	acetone	2223	1.521
5	n-Propanol	3513	1.699

Totals:

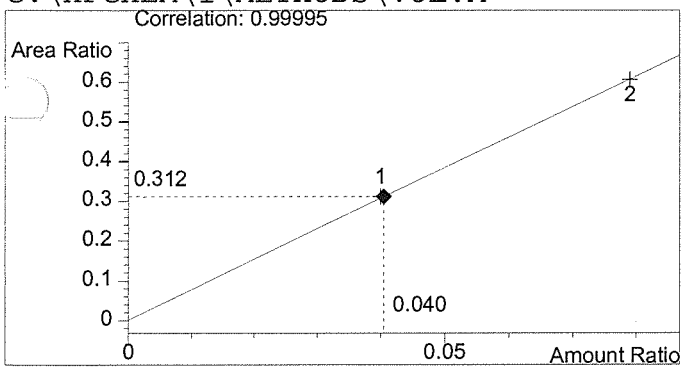


Methanol 0.041 g/100ml

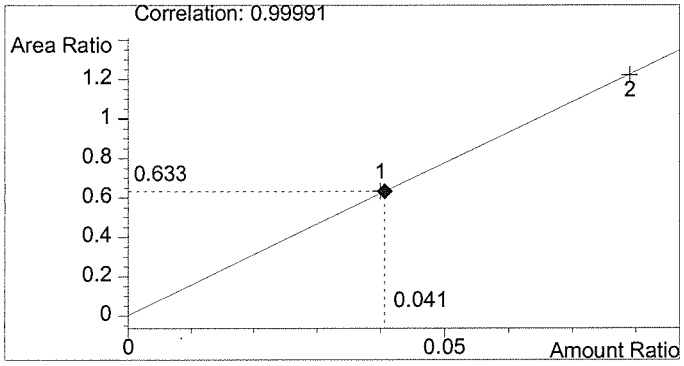


Ethanol 0.041 g/100ml

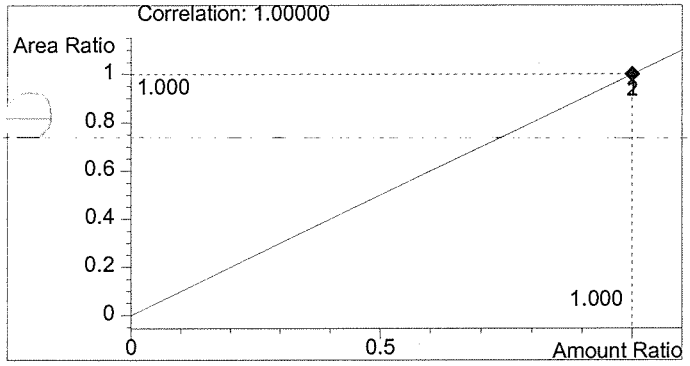
C:\HPCHEM\1\METHODS\VOL.M



Isopropanol 0.040 g/100ml



acetone 0.041 g/100ml



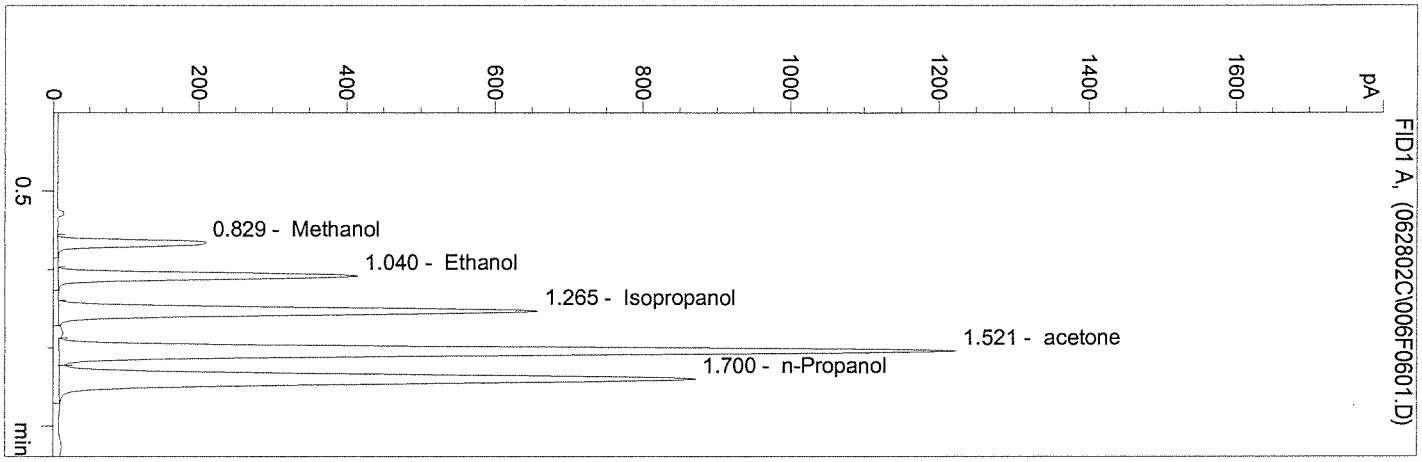
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\VOL.M
6/28/02 8:59:40 AM
Instrument 1
-ALC1

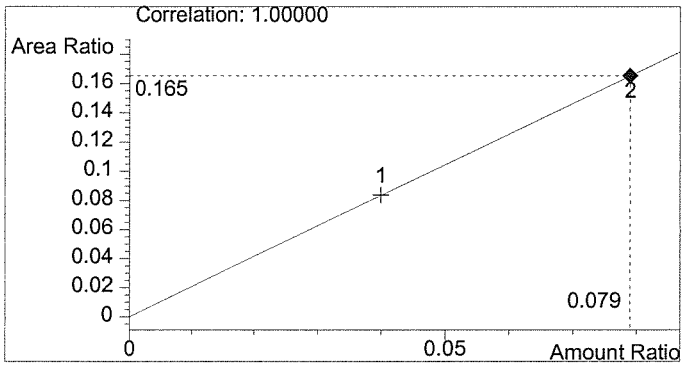
0.08 MIX
SIMULATOR SOLUTION

vial # 6

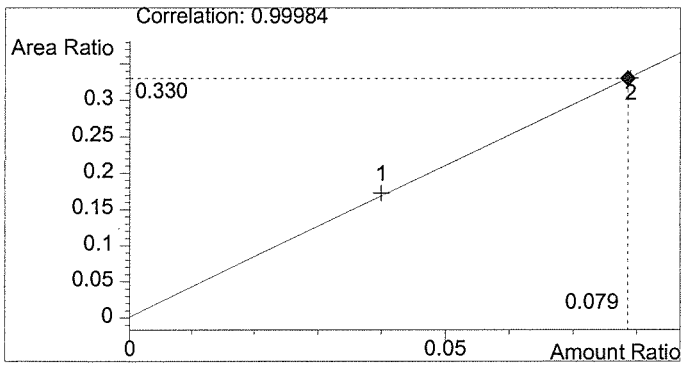


#	Compound	Area	RT
1	Methanol	590	0.829
2	Ethanol	1178	1.040
3	Isopropanol	2169	1.265
4	acetone	4400	1.521
5	n-Propanol	3568	1.700

Totals:

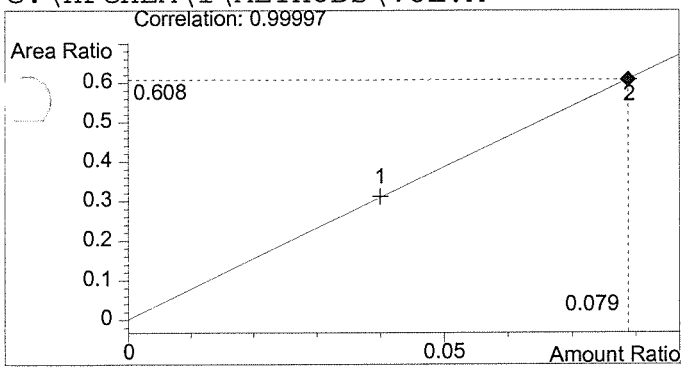


Methanol 0.079 g/100ml

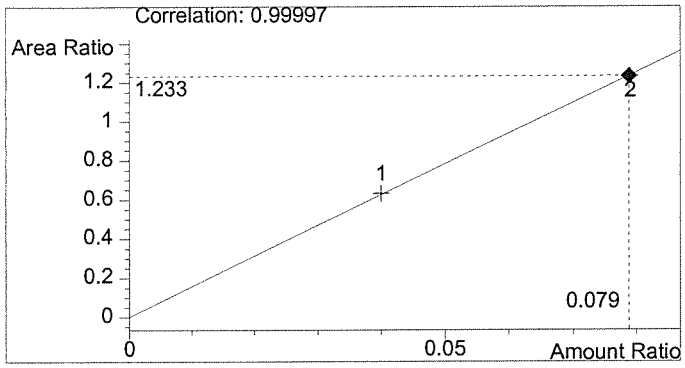


Ethanol 0.079 g/100ml

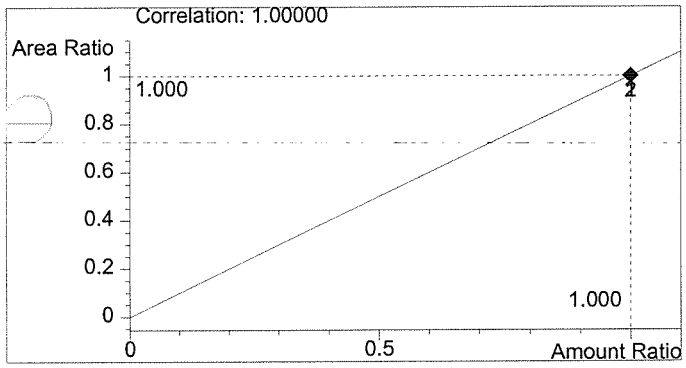
C:\HPCHEM\1\METHODS\VOL.M



Isopropanol 0.079 g/100ml



acetone 0.079 g/100ml



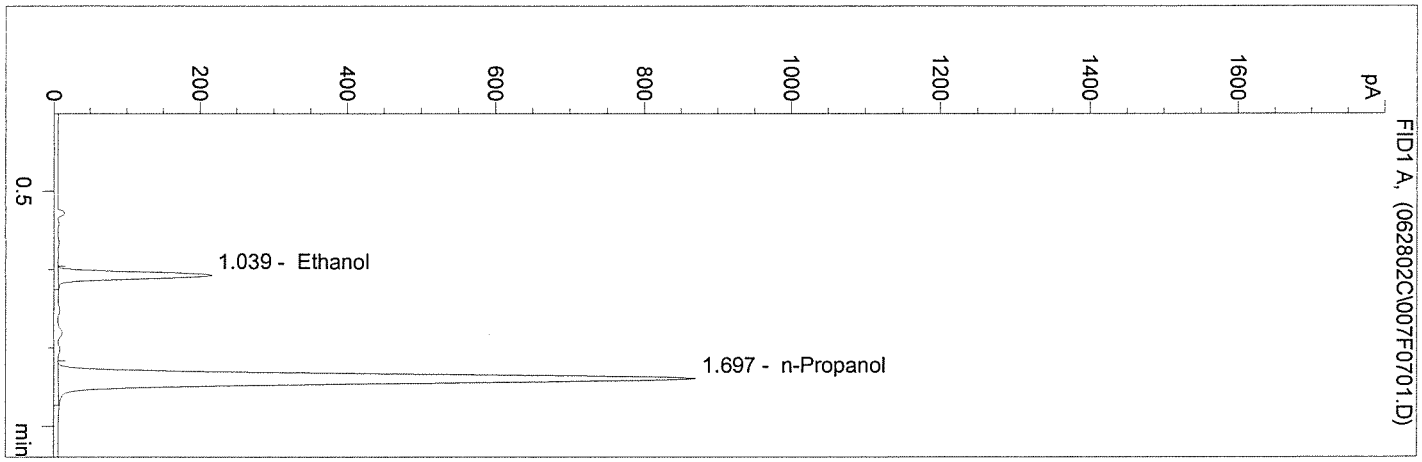
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:02:53 AM
Instrument 1
-ALC1

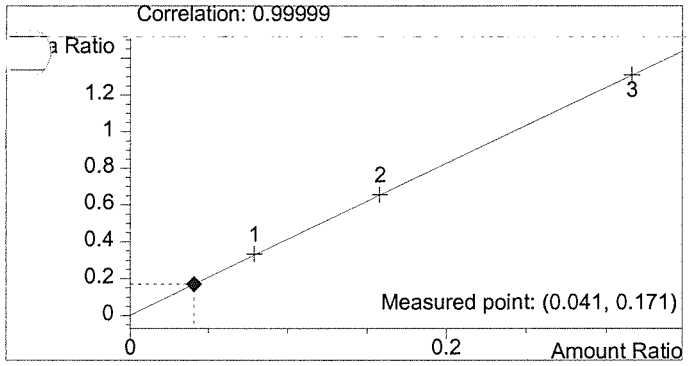
0.04 CAP
SIMULATOR SOLUTION

vial # 7

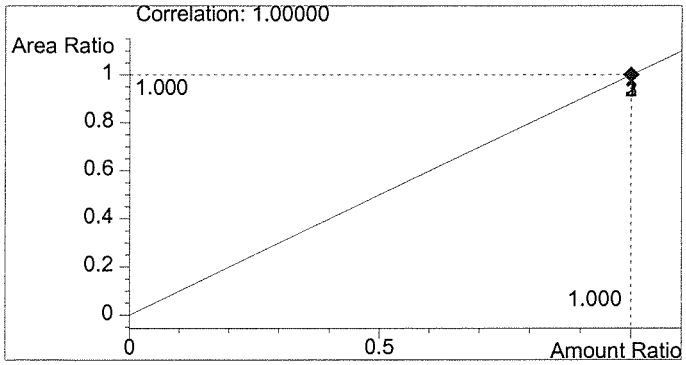


#	Compound	Area	RT
1	Ethanol	609	1.039
2	n-Propanol	3574	1.697

Totals:



Ethanol 0.041 g/100ml

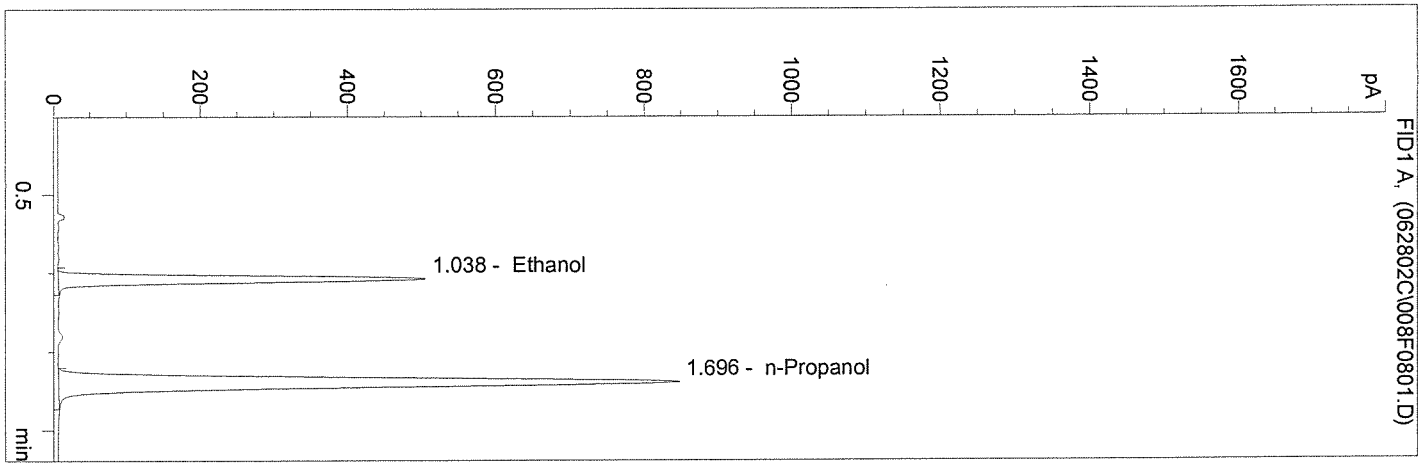


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:05:55 AM
Instrument 1
-ALC1

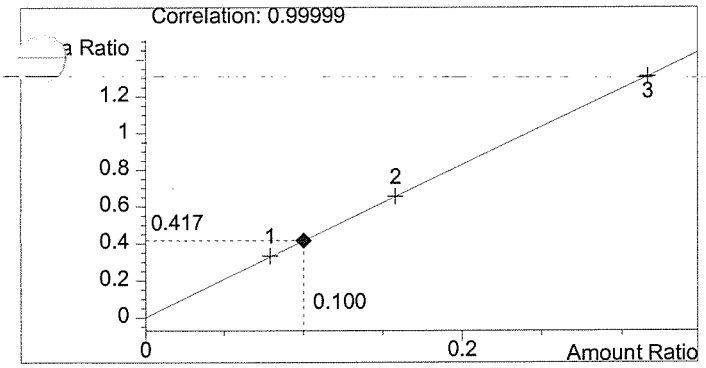
0.10 CONTROL
SIMULATOR SOLUTION

vial # 8

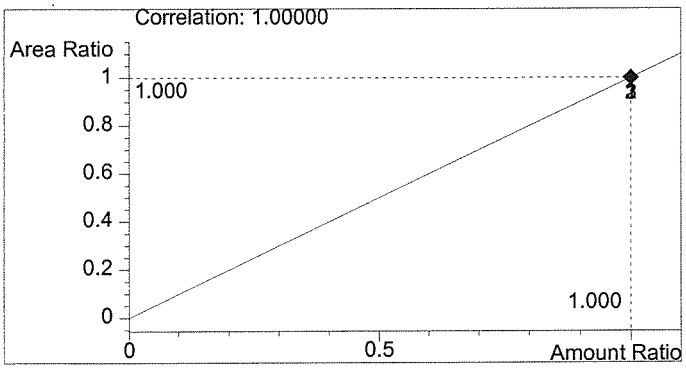


#	Compound	Area	RT
1	Ethanol	1448	1.038
2	n-Propanol	3477	1.696

Totals:



Ethanol 0.100 g/100ml



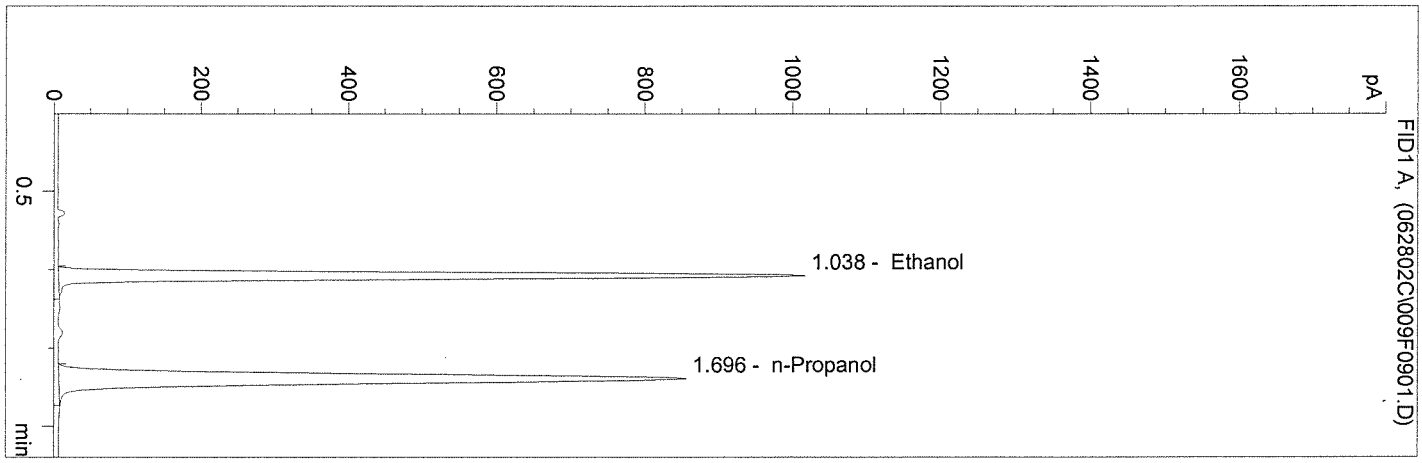
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:09:27 AM
Instrument 1
ALC1

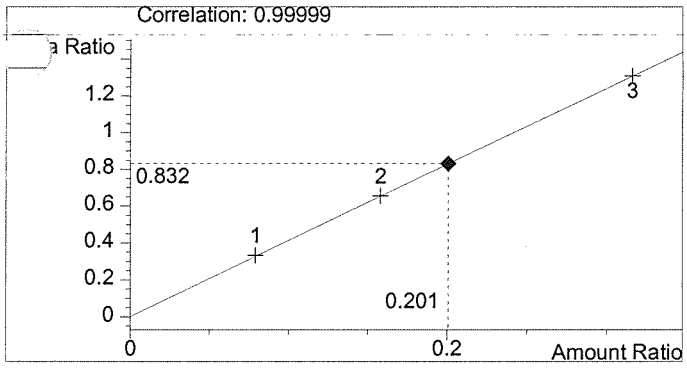
0.20 CONTROL
SIMULATOR SOLUTION

vial # 9

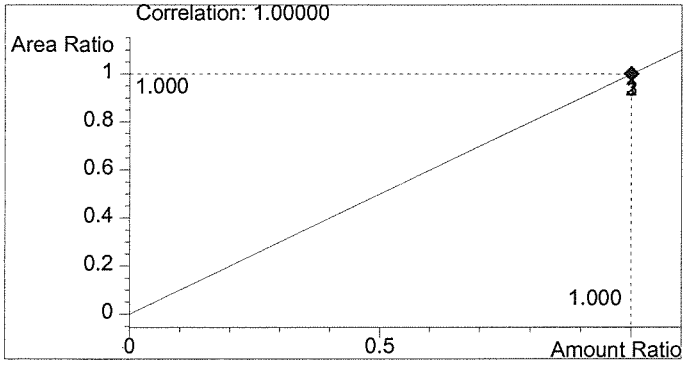


#	Compound	Area	RT
1	Ethanol	2918	1.038
2	n-Propanol	3505	1.696

Totals:



Ethanol 0.201 g/100ml

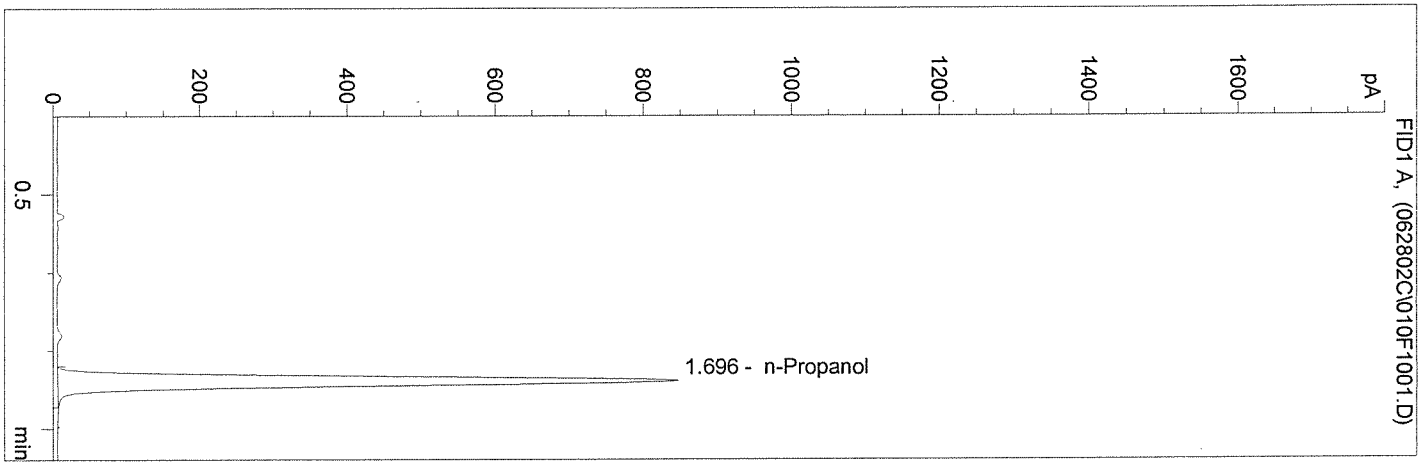


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/28/02 9:12:29 AM
Instrument 1
-ALC1

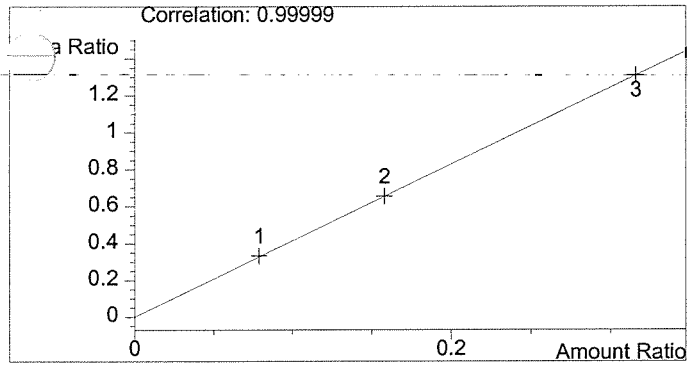
BLANK
SIMULATOR SOLUTION

vial # 10

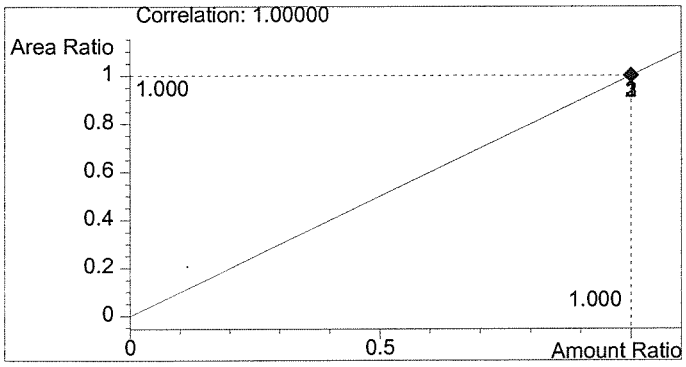


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3476	1.696

Totals:



Ethanol 0.000 g/100ml



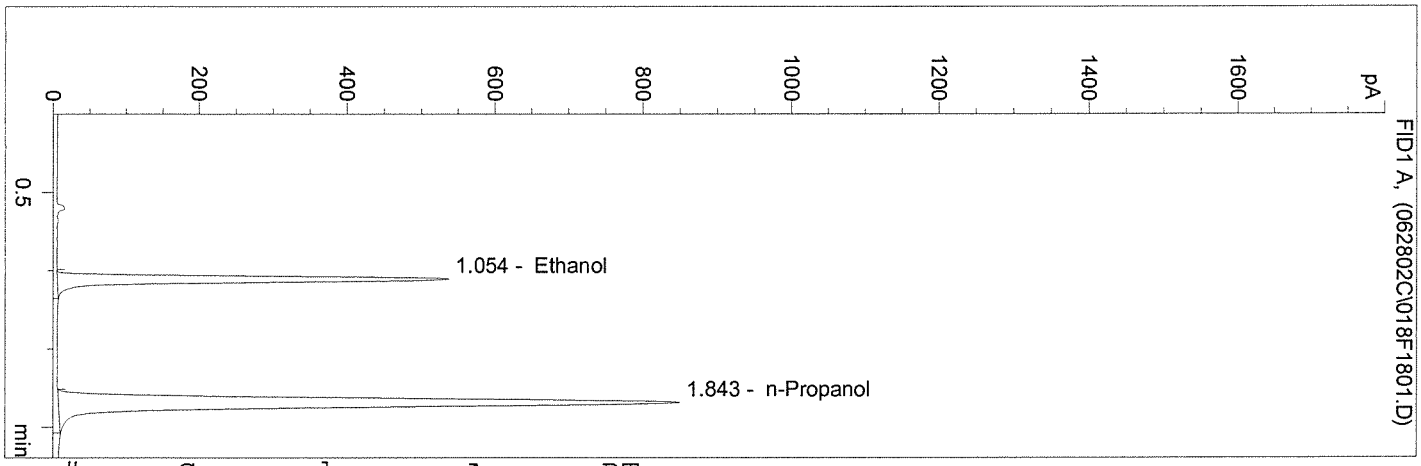
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:37:23 AM
Instrument 2
-ALC1

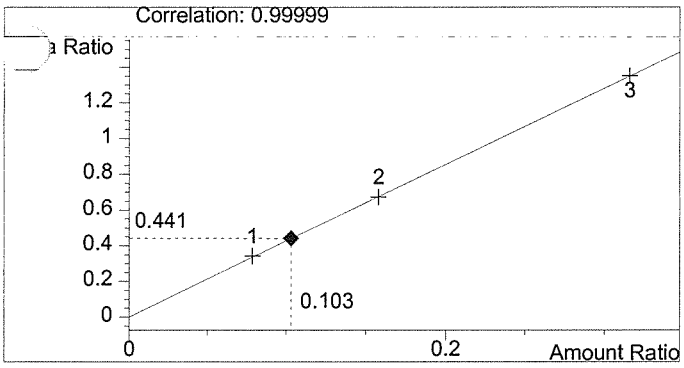
02020 - MP
SIMULATOR SOLUTION

vial # 18

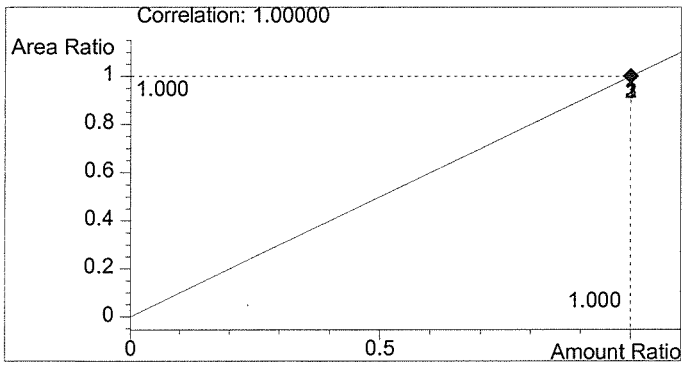


#	Compound	Area	RT
1	Ethanol	1434	1.054
2	n-Propanol	3252	1.843

Totals:



Ethanol 0.103 g/100ml

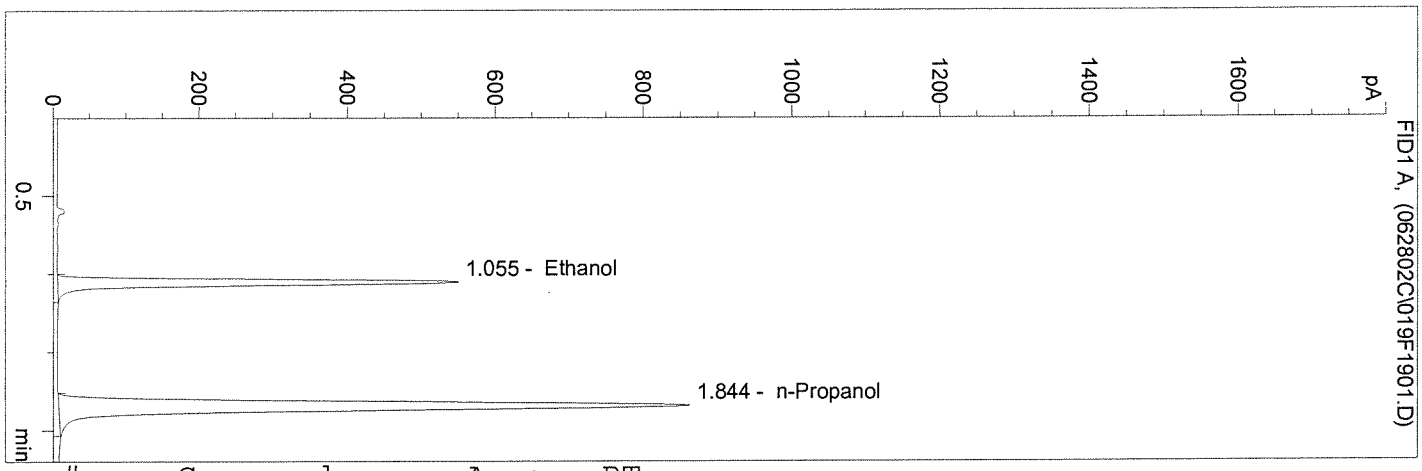


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:40:24 AM
Instrument 2
-ALC1

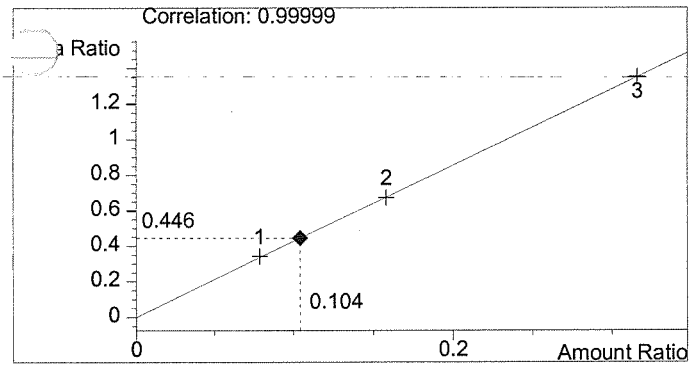
02020 - MP
SIMULATOR SOLUTION

vial # 19

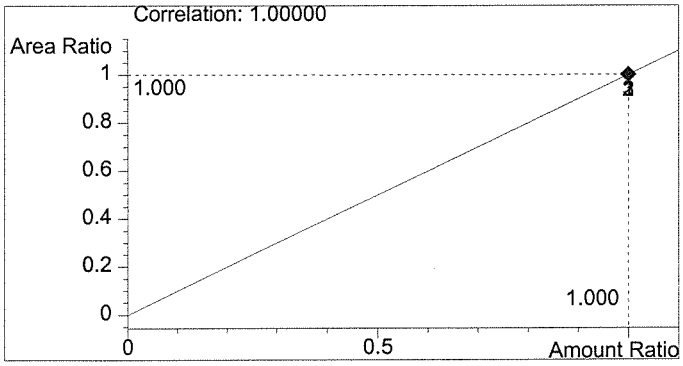


#	Compound	Area	RT
1	Ethanol	1469	1.055
2	n-Propanol	3293	1.844

Totals:



Ethanol 0.104 g/100ml



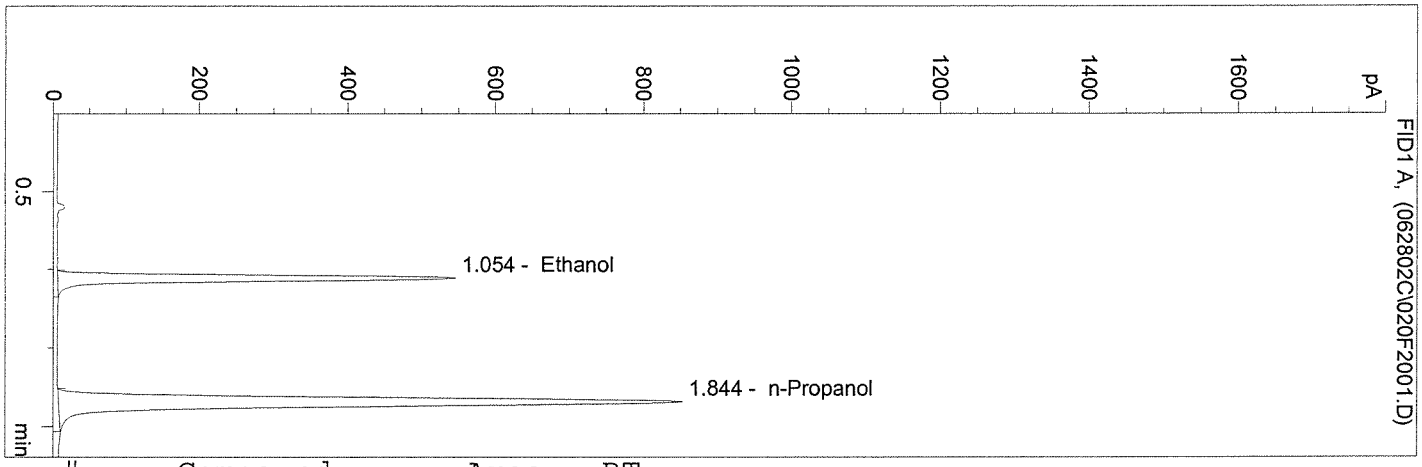
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:43:26 AM
Instrument 2
-ALC1

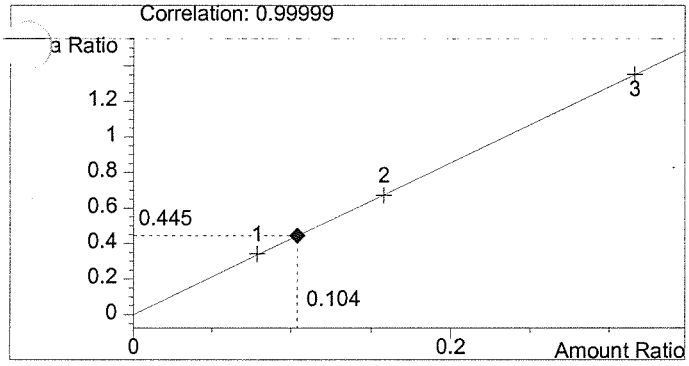
02020 - MP
SIMULATOR SOLUTION

vial # 20

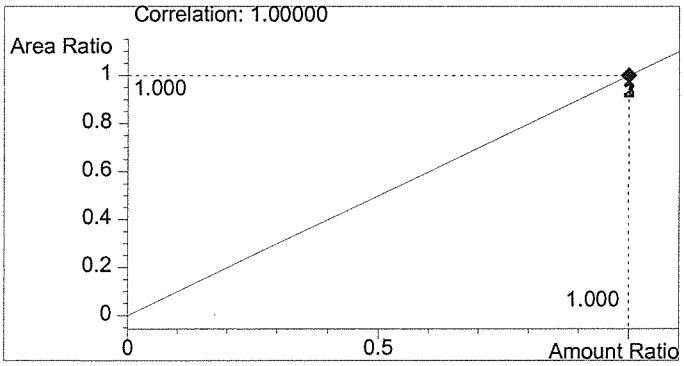


#	Compound	Area	RT
1	Ethanol	1450	1.054
2	n-Propanol	3259	1.844

Totals:



Ethanol 0.104 g/100ml

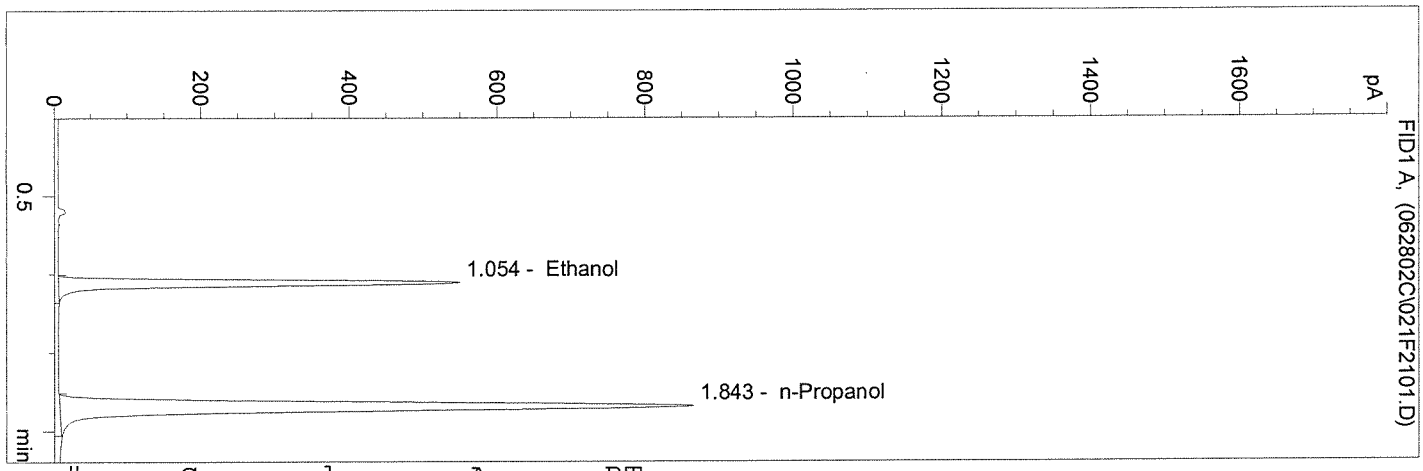


n-Propanol 1.000 g/100ml

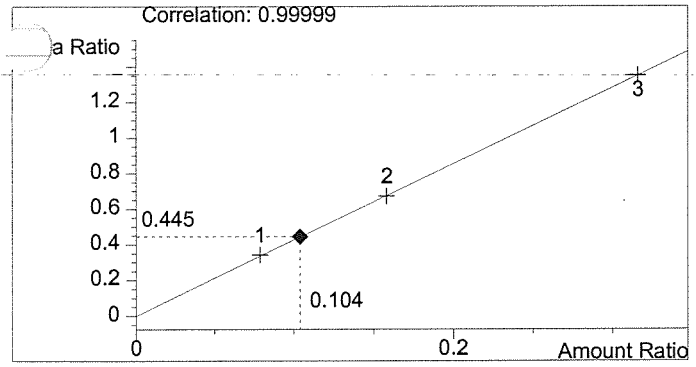
C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:46:49 AM
Instrument 2
-ALC1

02020 - MP
SIMULATOR SOLUTION

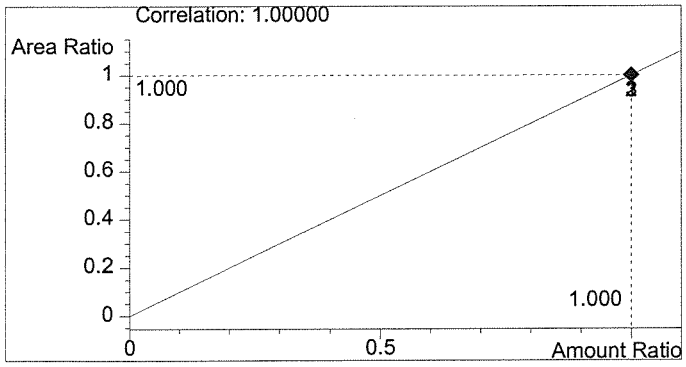
vial # 21



#	Compound	Area	RT
1	Ethanol	1466	1.054
2	n-Propanol	3298	1.843
Totals:			



Ethanol 0.104 g/100ml



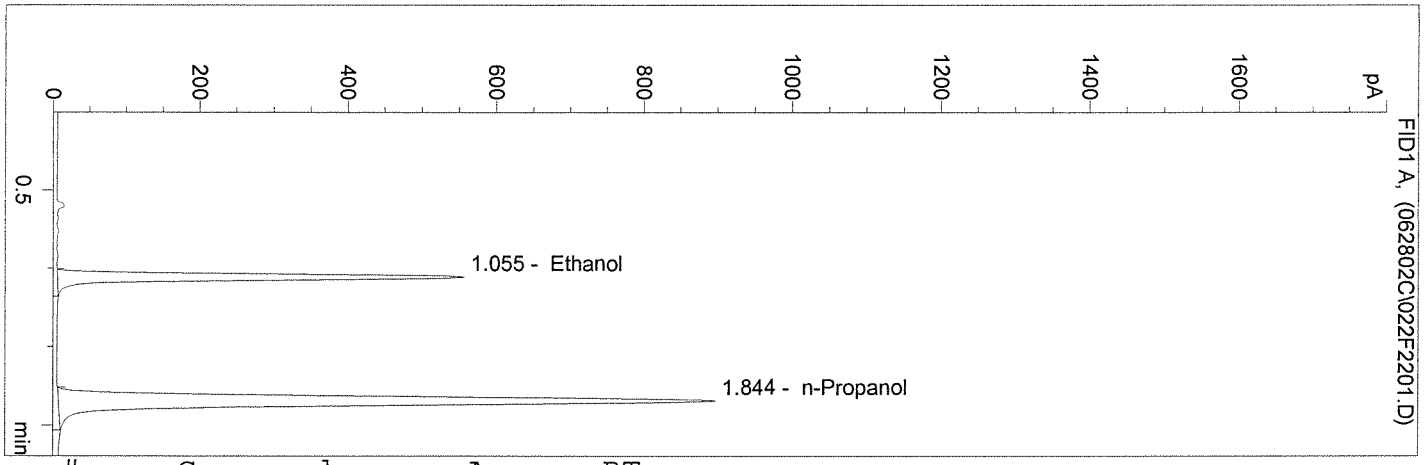
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/28/02 9:49:50 AM
Instrument 2
ALC1

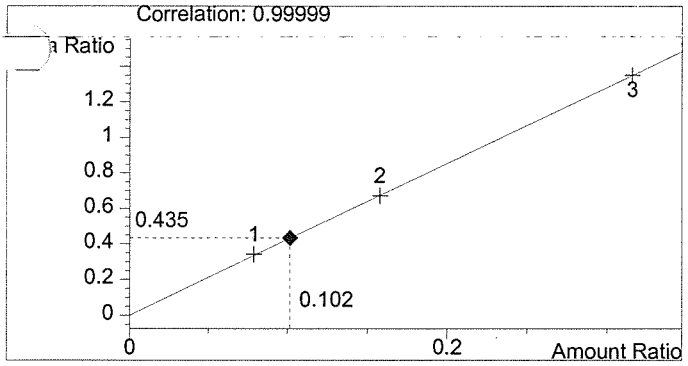
0.10 CONTROL-MP
SIMULATOR SOLUTION

vial # 22

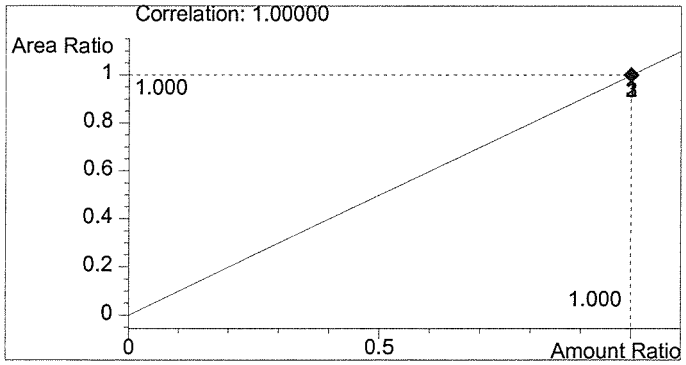


#	Compound	Area	RT
1	Ethanol	1488	1.055
2	n-Propanol	3421	1.844

Totals:



Ethanol 0.102 g/100ml

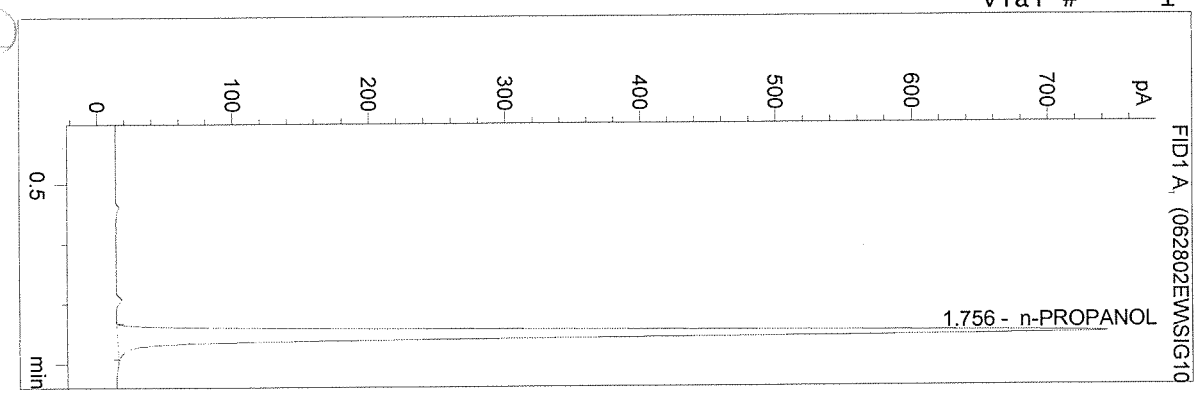


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:04:20 AM
Instrument 3
DB-ALC1

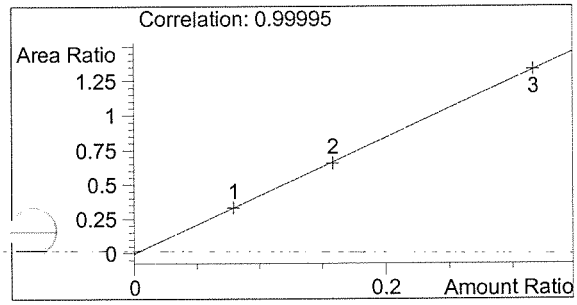
BLANK
EGLE WEISS

vial # 1

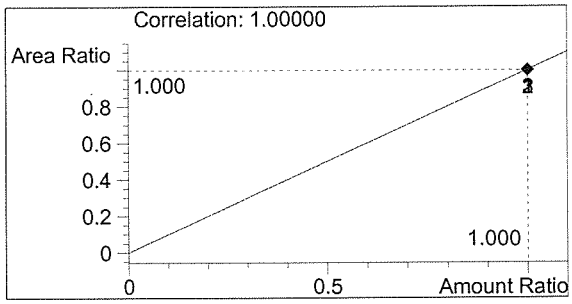


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3265	1.756

Totals:



ETHANOL 0.000 mg/L



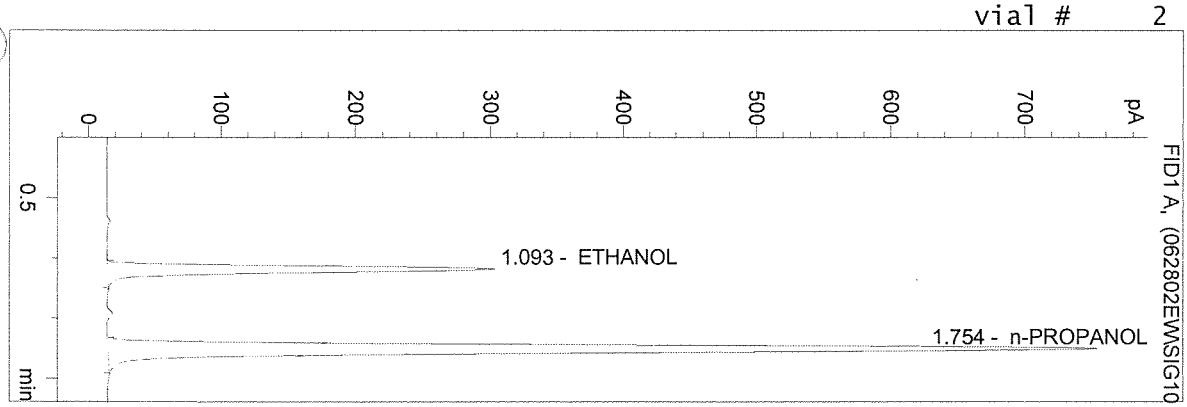
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:07:43 AM
Instrument 3
DB-ALC1

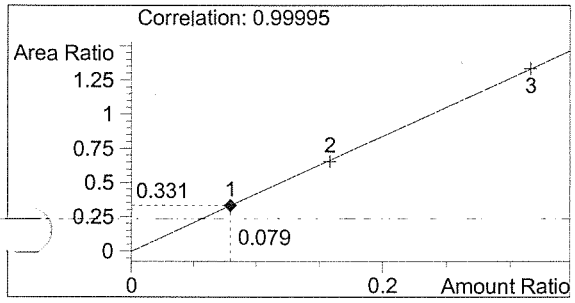
0.079 CALIBRATOR
EGLE WEISS

vial # 2

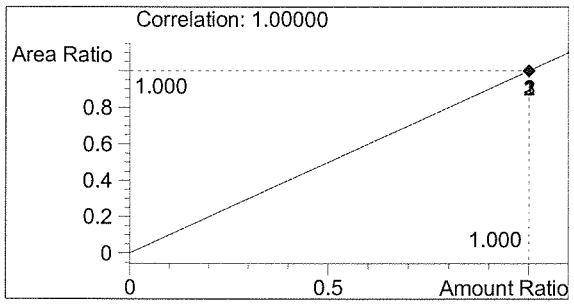


#	Compound	Area	RT
1	ETHANOL	1097	1.093
2	n-PROPANOL	3313	1.754

Totals:



ETHANOL 0.079 mg/L

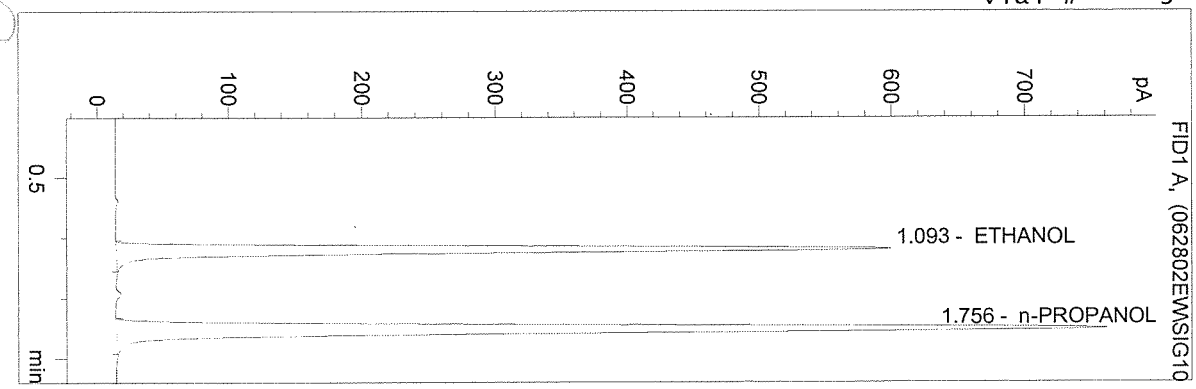


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:10:53 AM
Instrument 3
DB-ALC1

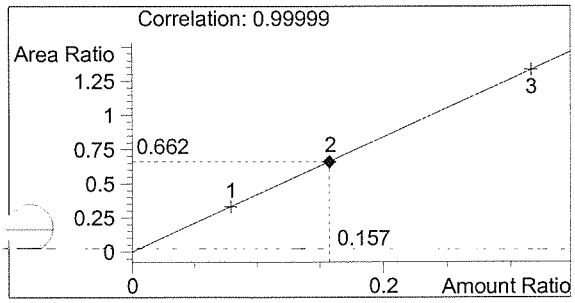
0.158 CALIBRATOR
EGLE WEISS

vial # 3

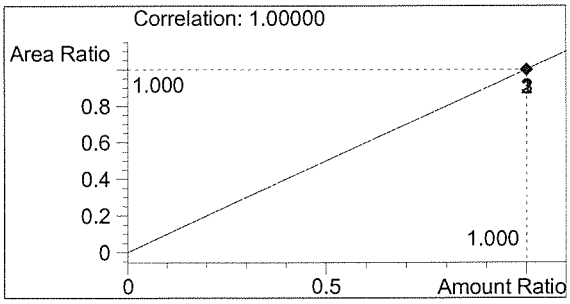


#	Compound	Area	RT
1	ETHANOL	2217	1.093
2	n-PROPANOL	3347	1.756

Totals:



ETHANOL 0.157 mg/L



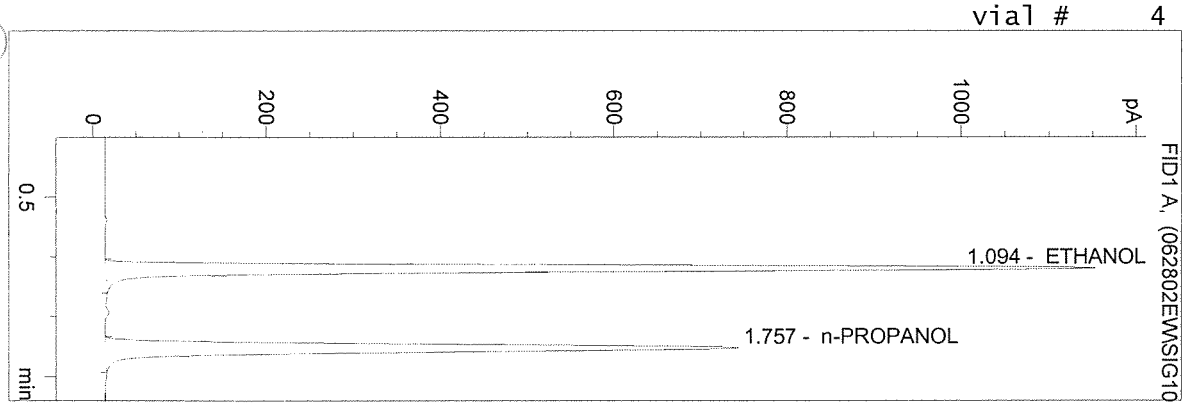
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:14:02 AM
Instrument 3
DB-ALC1

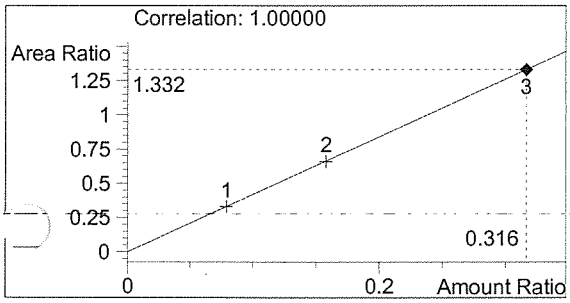
0.316 CALIBRATOR
EGLE WEISS

vial # 4

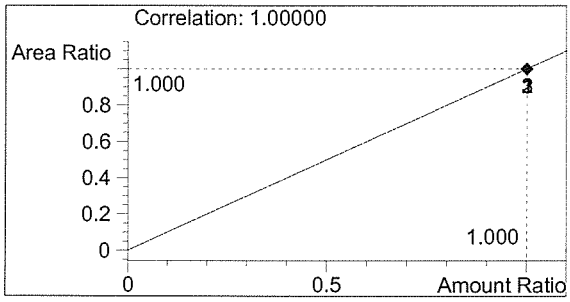


#	Compound	Area	RT
1	ETHANOL	4375	1.094
2	n-PROPANOL	3286	1.757

Totals:



ETHANOL 0.316 mg/L



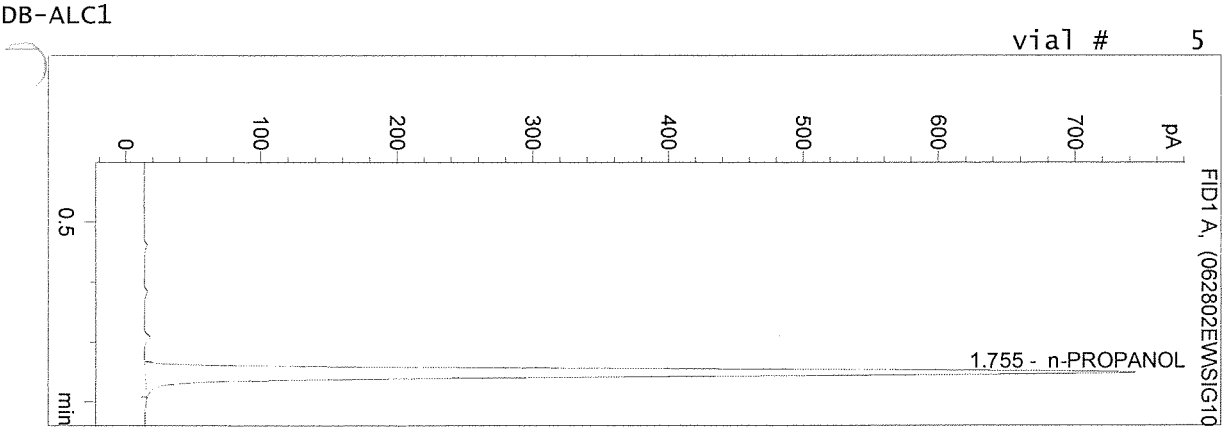
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:17:25 AM
Instrument 3
DB-ALC1

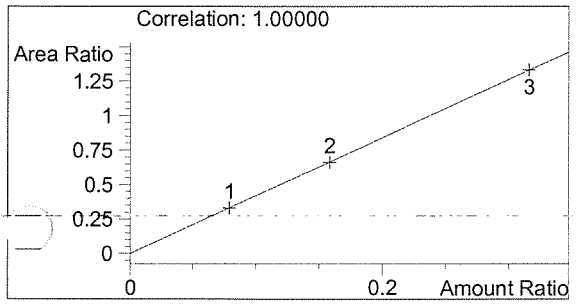
BLK
EGLE WEISS

vial # 5

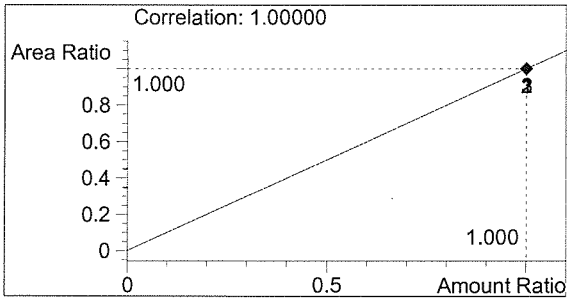


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3280	1.755

Totals:



ETHANOL 0.000 mg/L

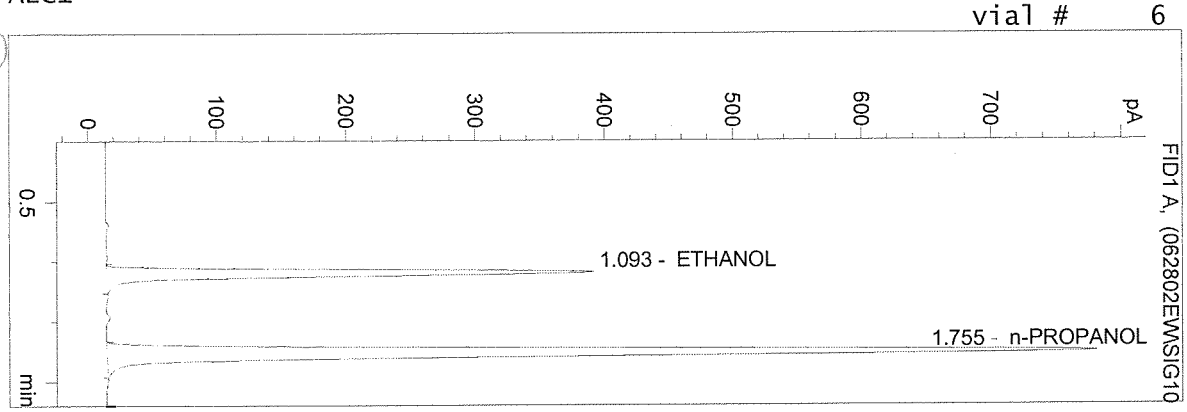


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:20:49 AM
Instrument 3
DB-ALC1

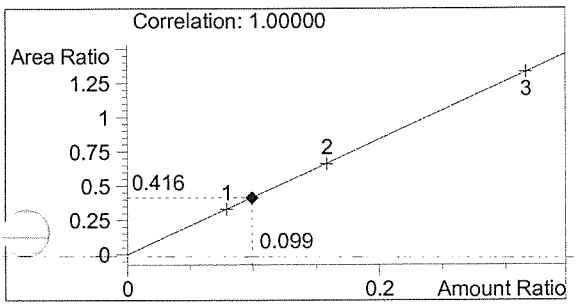
0.100 CONTROL
EGLE WEISS

vial # 6

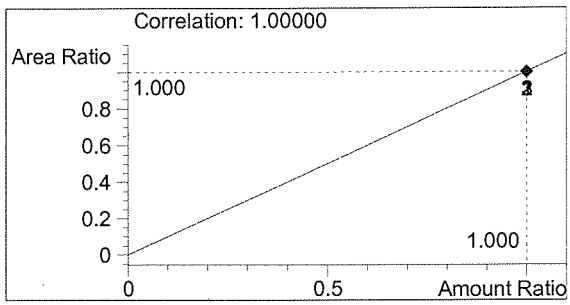


#	Compound	Area	RT
1	ETHANOL	1427	1.093
2	n-PROPANOL	3426	1.755

Totals:



ETHANOL 0.099 mg/L



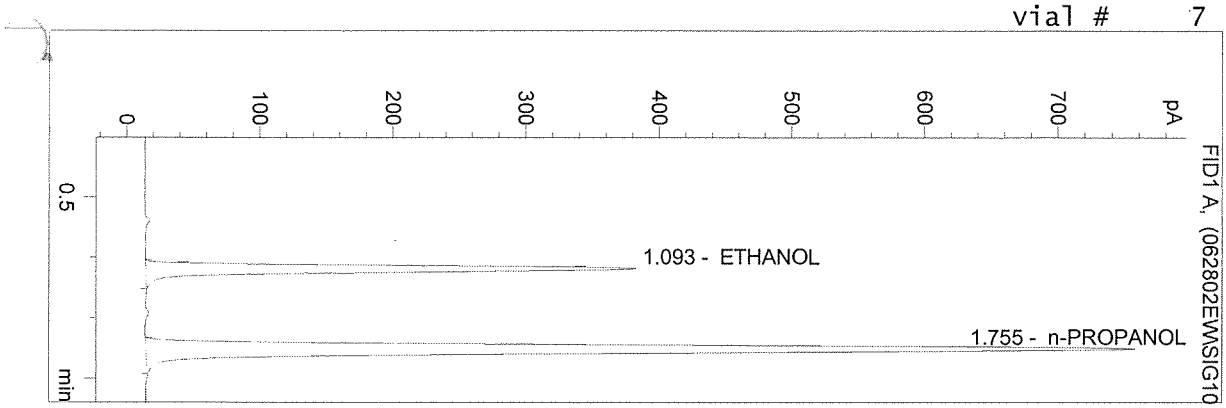
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:23:58 AM
Instrument 3
DB-ALC1

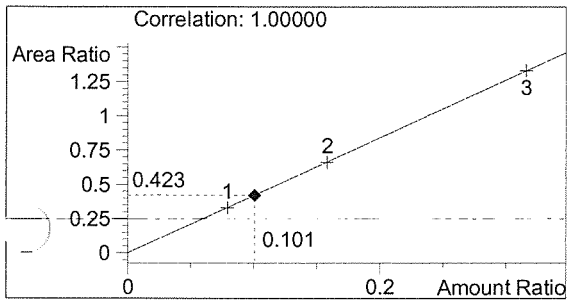
02020 SIM SOL
EGLE WEISS

vial # 7

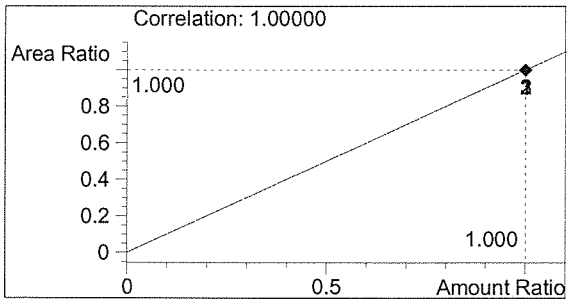


#	Compound	Area	RT
1	ETHANOL	1413	1.093
2	n-PROPANOL	3338	1.755

Totals:



ETHANOL 0.101 mg/L

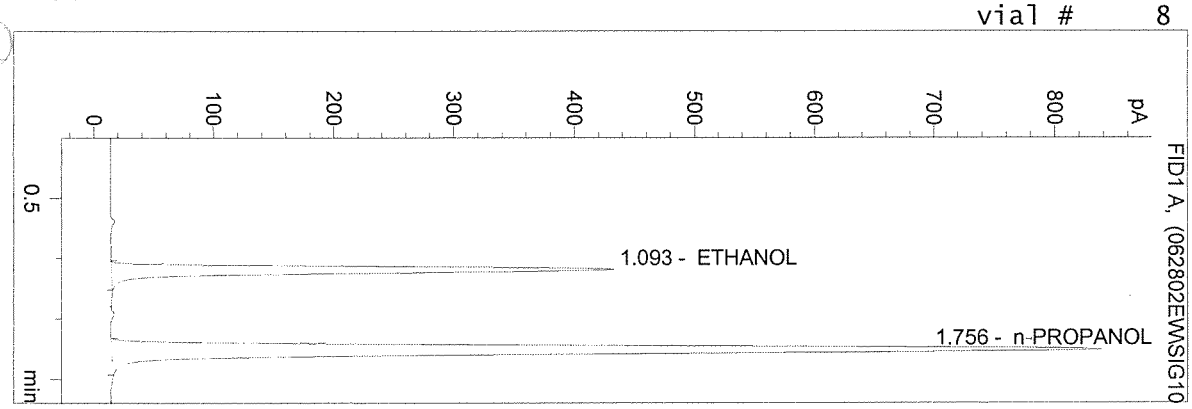


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:27:08 AM
Instrument 3
DB-ALC1

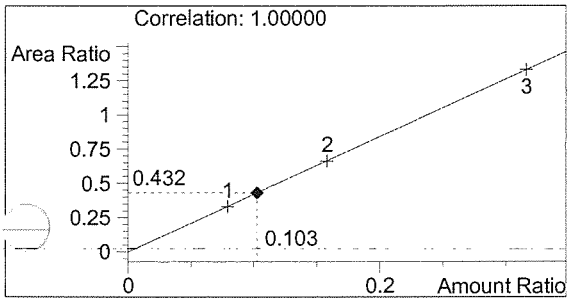
02020 SIM SOL
EGLE WEISS

vial # 8

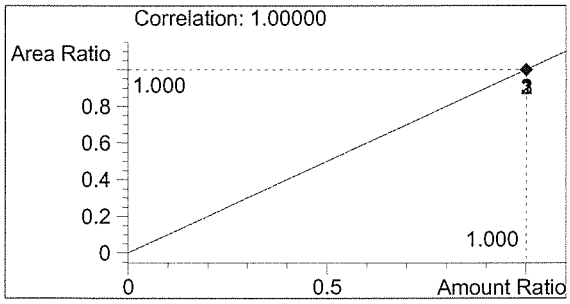


#	Compound	Area	RT
1	ETHANOL	1599	1.093
2	n-PROPANOL	3703	1.756

Totals:



ETHANOL 0.103 mg/L



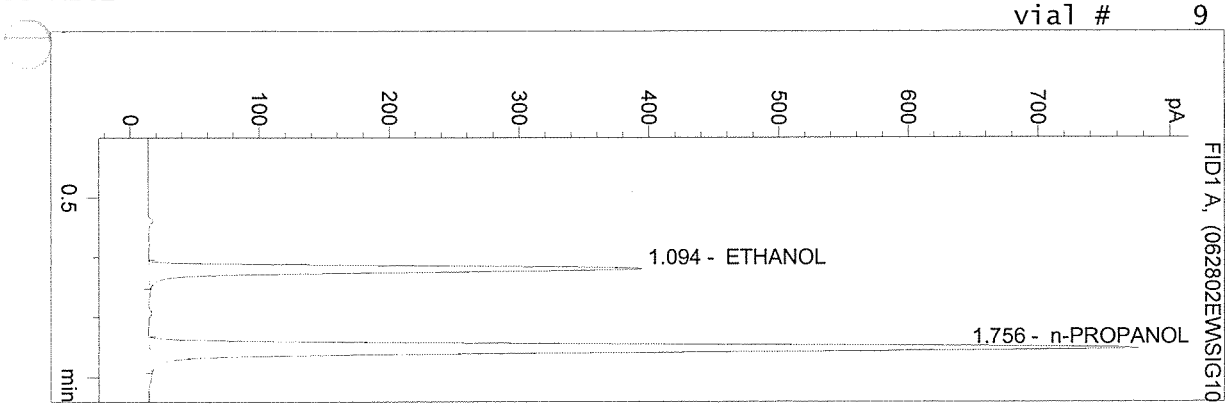
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:30:31 AM
Instrument 3
DB-ALC1

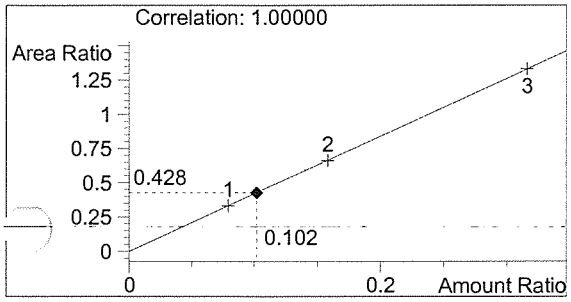
02020 SIM SOL
EGLE WEISS

vial # 9

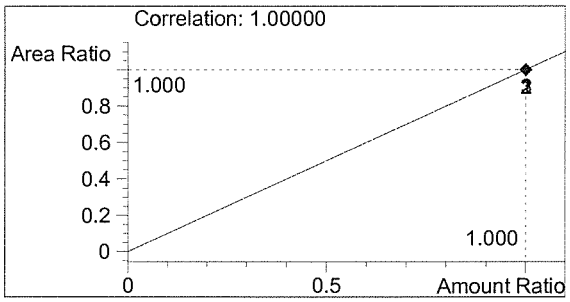


#	Compound	Area	RT
1	ETHANOL	1472	1.094
2	n-PROPANOL	3437	1.756

Totals:



ETHANOL 0.102 mg/L



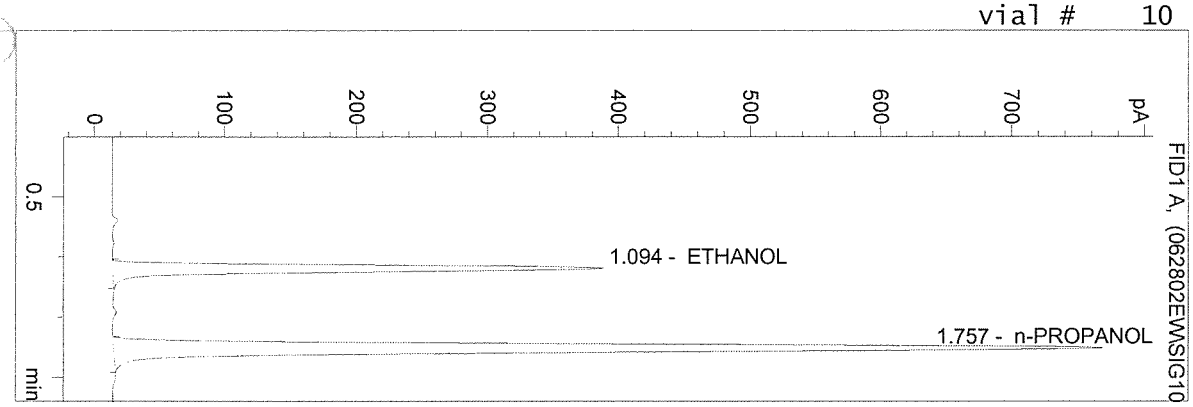
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:33:40 AM
Instrument 3
DB-ALC1

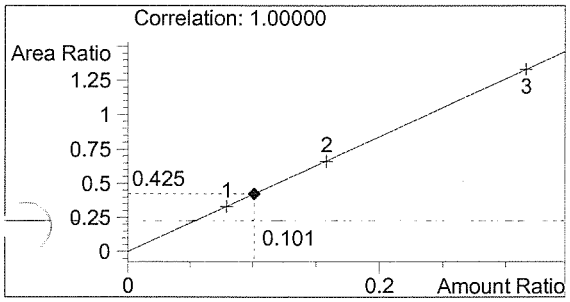
02020 SIM SOL
EGLE WEISS

vial # 10

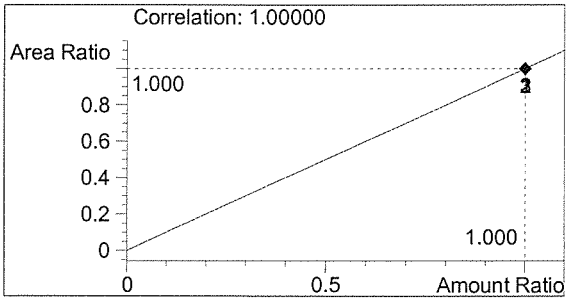


#	Compound	Area	RT
1	ETHANOL	1447	1.094
2	n-PROPANOL	3401	1.757

Totals:



ETHANOL 0.101 mg/L



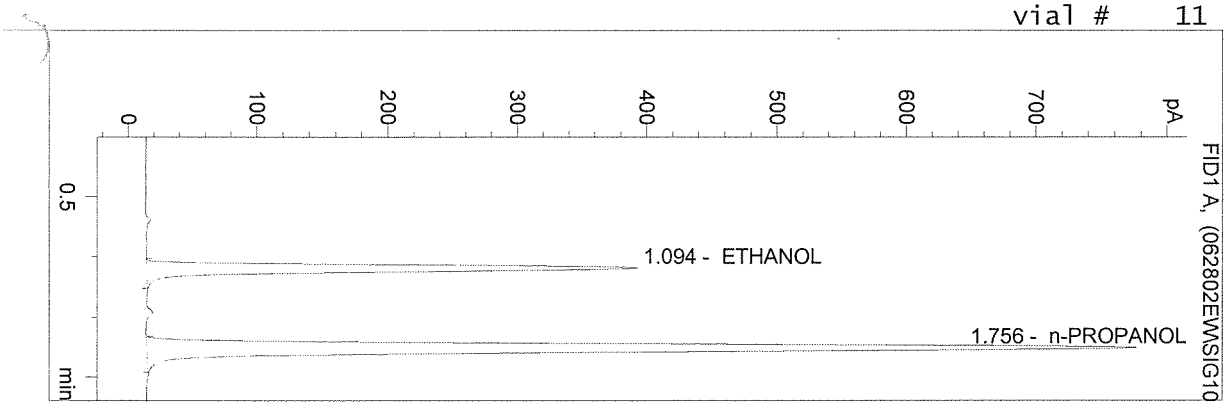
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/28/02 10:36:50 AM
Instrument 3
DB-ALC1

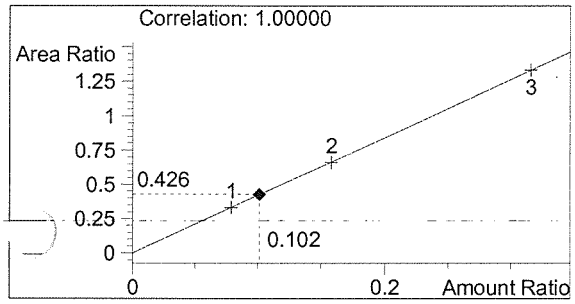
02020 SIM SOL
EGLE WEISS

vial # 11

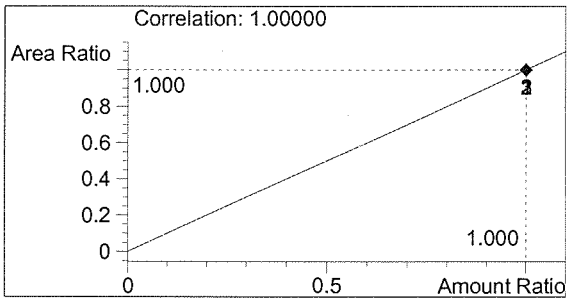


#	Compound	Area	RT
1	ETHANOL	1467	1.094
2	n-PROPANOL	3442	1.756

Totals:



ETHANOL 0.102 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	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Sample		
6	6	0.04 MIX	VOL	1	Calib		
7	7	0.08 MIX	VOL	1	Calib		
8	8	BLANK	BLDALCO2	1	Sample		
9	9	0.02 STD	BLDALCO2	1	Sample		
10	10	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
11	11	BLANK	BLDALCO2	1	Sample		
12	12	02020-1	BLDALCO2	1	Sample		
13	13	02020-2	BLDALCO2	1	Sample		
14	14	02020-3	BLDALCO2	1	Sample		
15	15	02020-4	BLDALCO2	1	Sample		
16	16	02020-5	BLDALCO2	1	Sample		
17	17	0.10 CONTROL	BLDALCO2	1	Sample		
18	18	BLANK	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO	1	Sample		
2	2	0.079 CAL	BLDALCO	1	Calib		
3	3	0.158 CAL	BLDALCO	1	Calib		
4	4	0.316 CAL	BLDALCO	1	Calib		
5	5	BLANK	BLDALCO	1	Sample		
6	6	0.04 MIX	VOL	1	Calib		
7	7	0.08 MIX	VOL	1	Calib		
8	8	BLANK	BLDALCO	1	Sample		
9	9	0.02 STD	BLDALCO	1	Sample		
10	10	0.10 CONTROL	BLDALCO	1	Ctrl Samp		
11	11	BLANK	BLDALCO	1	Sample		
12	12	02020-1	BLDALCO	1	Sample		
13	13	02020-2	BLDALCO	1	Sample		
14	14	02020-3	BLDALCO	1	Sample		
15	15	02020-4	BLDALCO	1	Sample		
16	16	02020-5	BLDALCO	1	Sample		
17	17	0.10 CONTROL	BLDALCO	1	Ctrl Samp		
18	18	BLANK	BLDALCO	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

Calibration Table

Calib. Data Modified : Monday, July 08, 2002 1:48:56 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

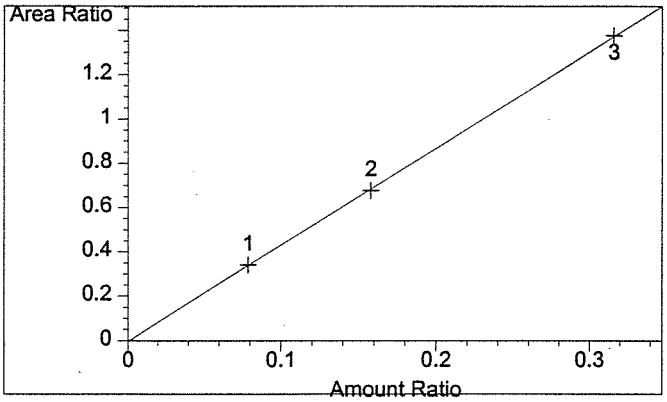
Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.038	1	1	7.90000e-2	1148.06799	6.88113e-5		5	Ethanol
		2	1.58000e-1	2310.76611	6.83756e-5			
		3	3.16000e-1	4860.43652	6.50147e-5			
1.695	1	1	1.00000	3374.39160	2.96350e-4	I5		n-Propanol
		2	1.00000	3415.61426	2.92773e-4			
		3	1.00000	3533.20801	2.83029e-4			

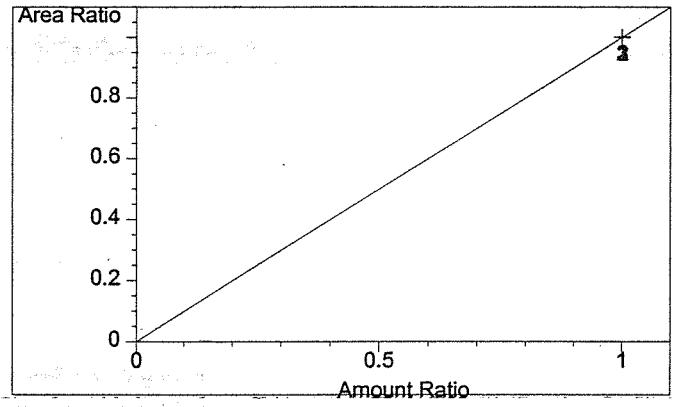
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.038
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00652
Formula: y = mx + b
m: 4.35321
b: -3.73092e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.695
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

Calibration Table

Calib. Data Modified : Monday, July 08, 2002 1:49:54 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.054	1	1	7.90000e-2	1161.58081	6.80108e-5	1		Ethanol
		2	1.58000e-1	2263.47656	6.98041e-5			
		3	3.16000e-1	5223.92334	6.04909e-5			
1.843	1	1	1.00000	3254.35767	3.07280e-4	I1		n-Propanol
		2	1.00000	3183.87280	3.14083e-4			
		3	1.00000	3723.89600	2.68536e-4			

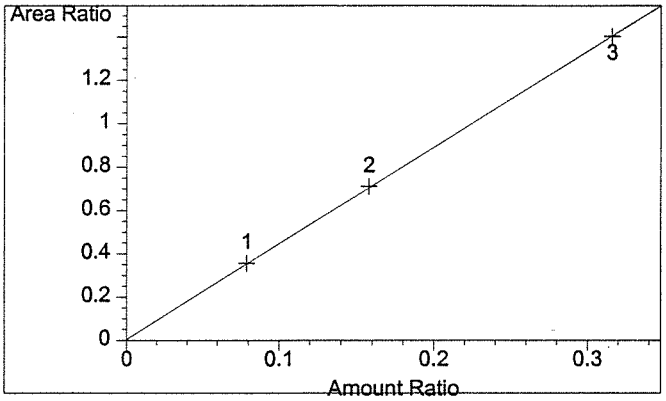
Peak Sum Table

No Entries in table

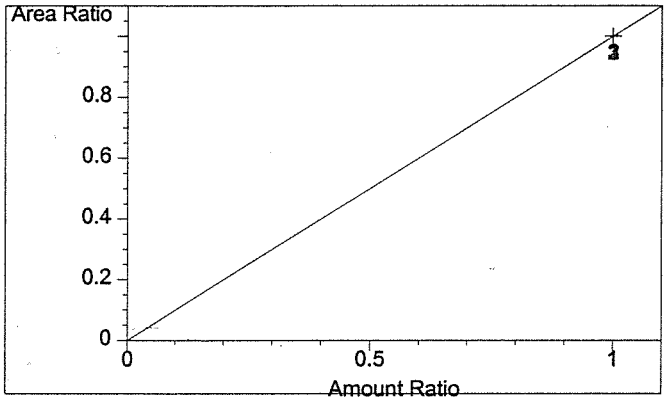
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.054
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00578
Formula: y = mx + b
m: 4.43596
b: 4.39396e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.843
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

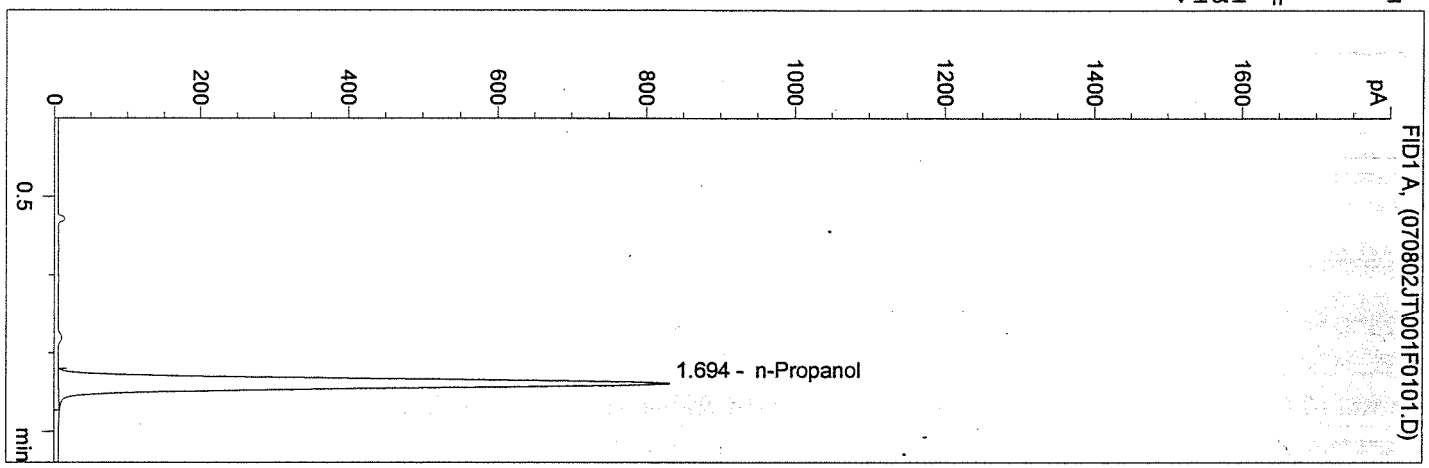
==========

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 1:38:30 PM
Instrument 1
[illegible]-ALC1

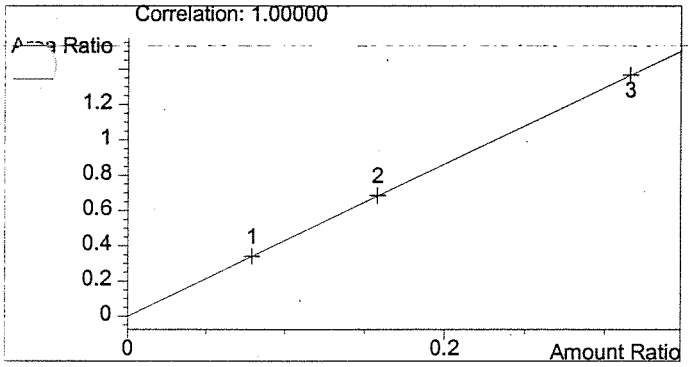
BLANK
JAYNE THATCHER

vial # 1

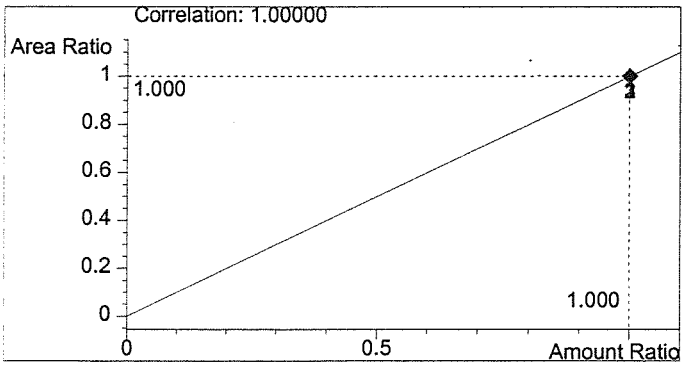


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3432	1.694

Totals:



Ethanol 0.000 g/100ml

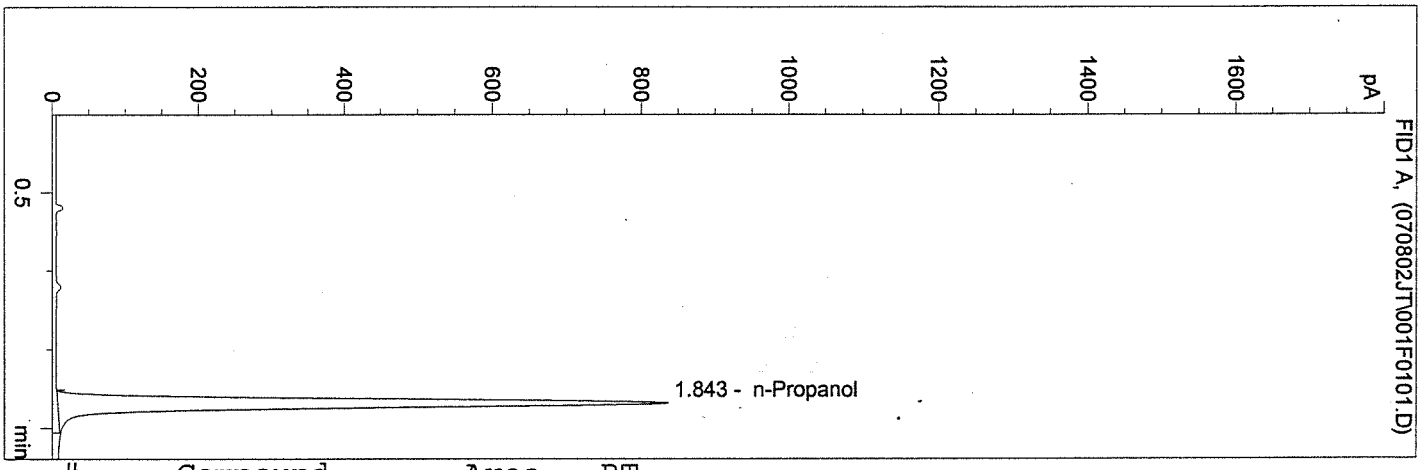


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 1:38:35 PM
Instrument 2
[illegible]-ALC1

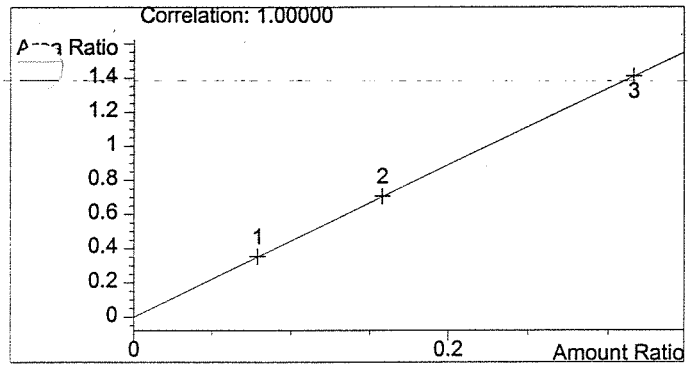
BLANK
JAYNE THATCHER

vial # 1

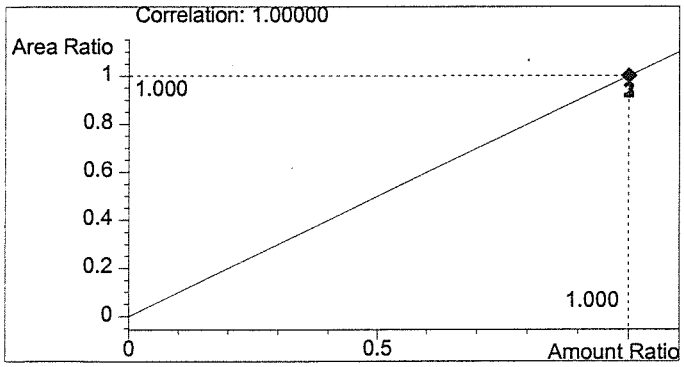


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3217	1.843

Totals:



Ethanol 0.000 g/100ml



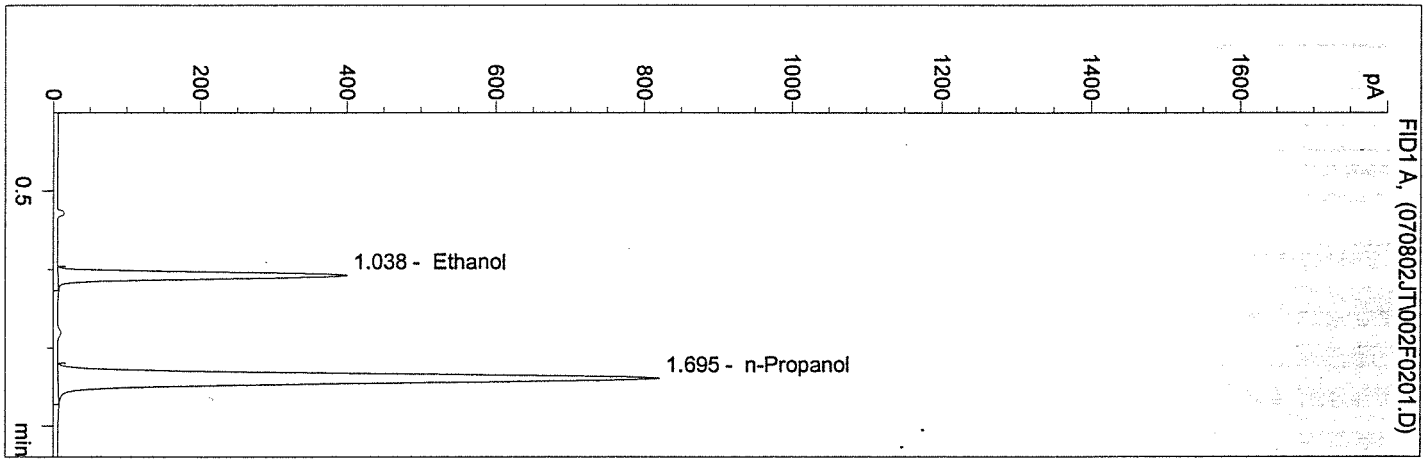
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 1:41:16 PM
Instrument 1
-ALC1

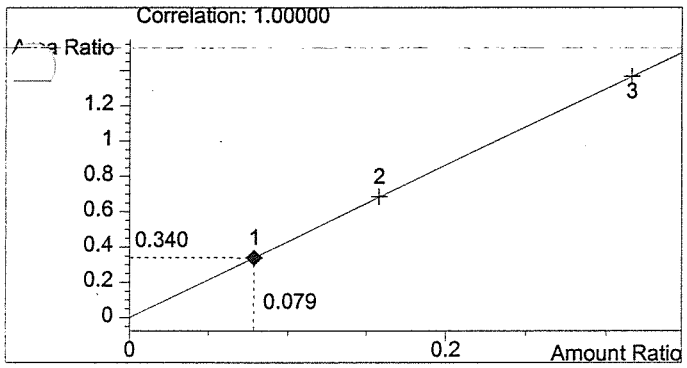
0.079 CAL
JAYNE THATCHER

vial # 2

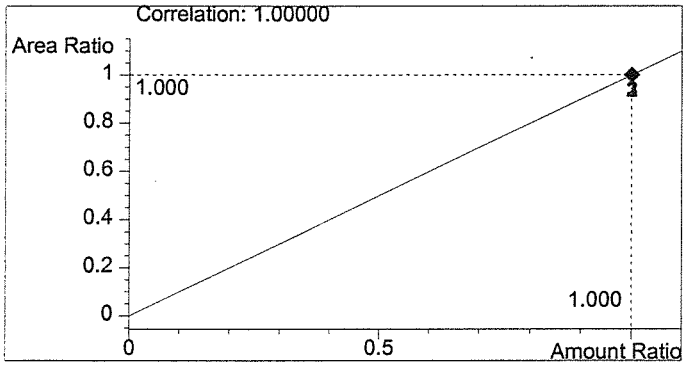


#	Compound	Area	RT
1	Ethanol	1148	1.038
2	n-Propanol	3374	1.695

Totals:



Ethanol 0.079 g/100ml

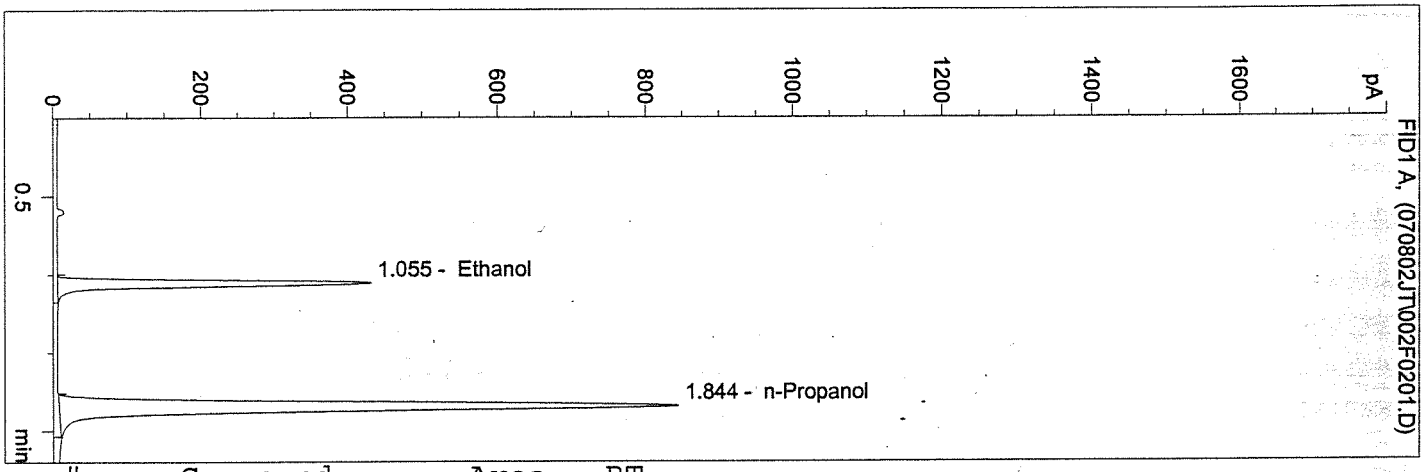


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 1:41:37 PM
Instrument 2
-ALC1

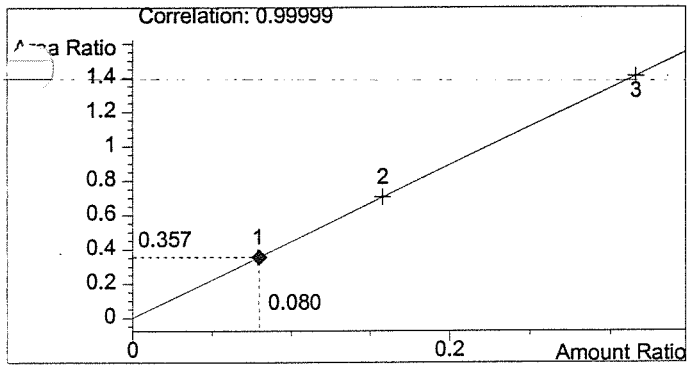
0.079 CAL
JAYNE THATCHER

vial # 2

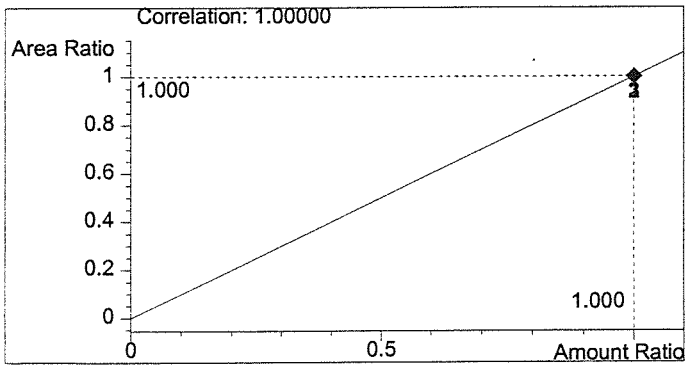


#	Compound	Area	RT
1	Ethanol	1162	1.055
2	n-Propanol	3254	1.844

Totals:



Ethanol 0.080 g/100ml



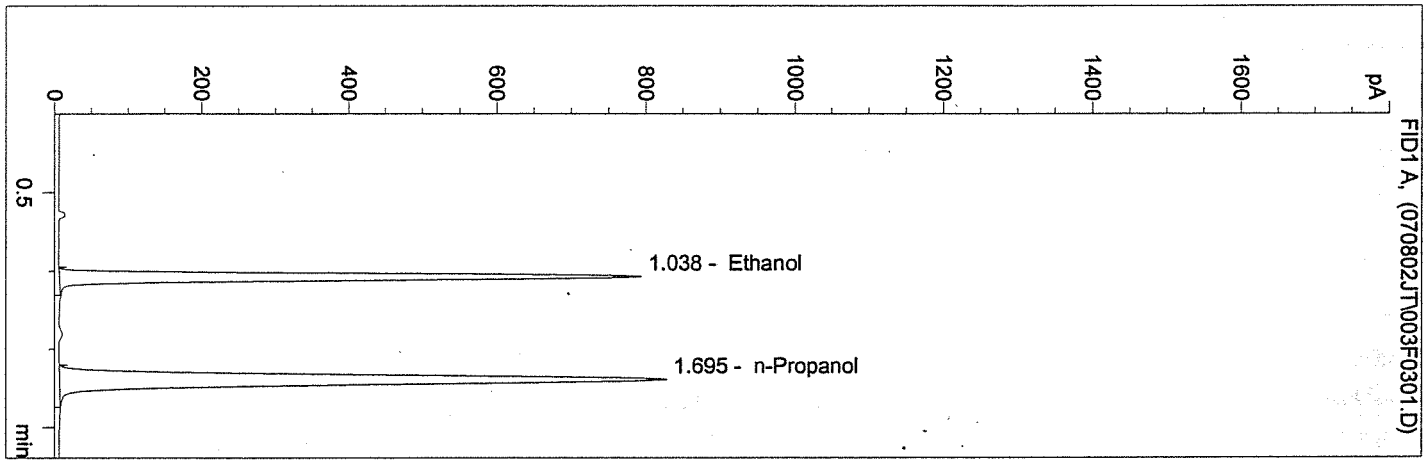
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 1:44:00 PM
Instrument 1
[illegible]-ALC1

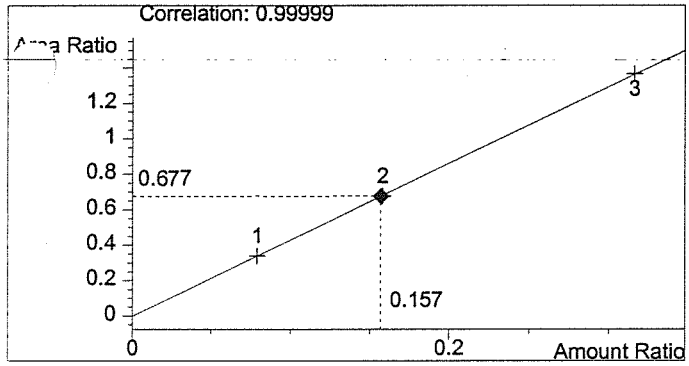
0.158 CAL
JAYNE THATCHER

vial # 3

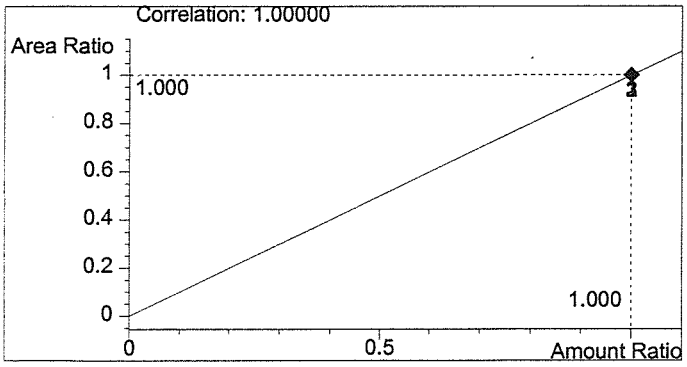


#	Compound	Area	RT
1	Ethanol	2311	1.038
2	n-Propanol	3416	1.695

Totals:



Ethanol 0.157 g/100ml

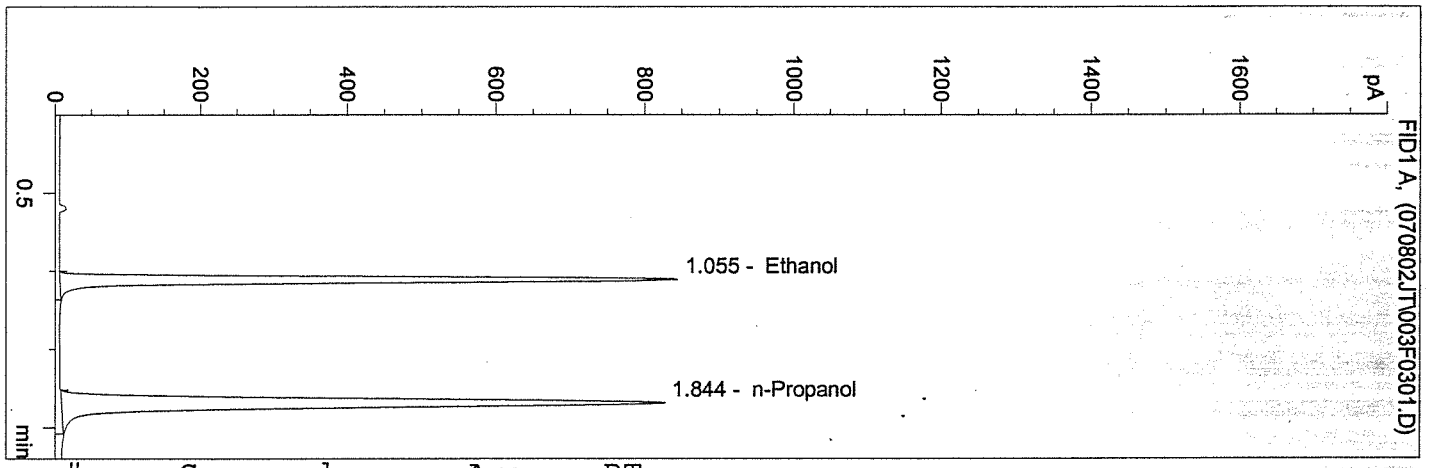


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 1:44:39 PM
Instrument 2
-ALC1

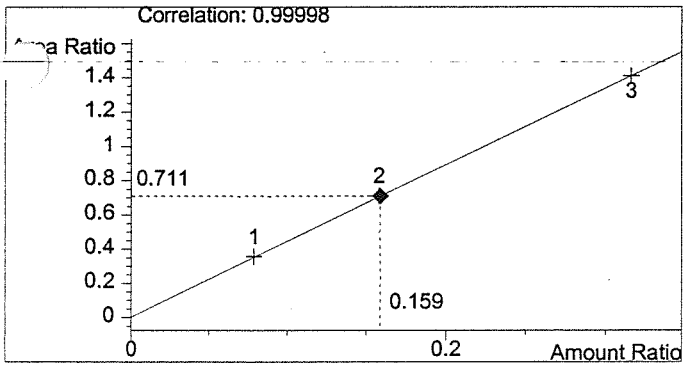
0.158 CAL
JAYNE THATCHER

vial # 3

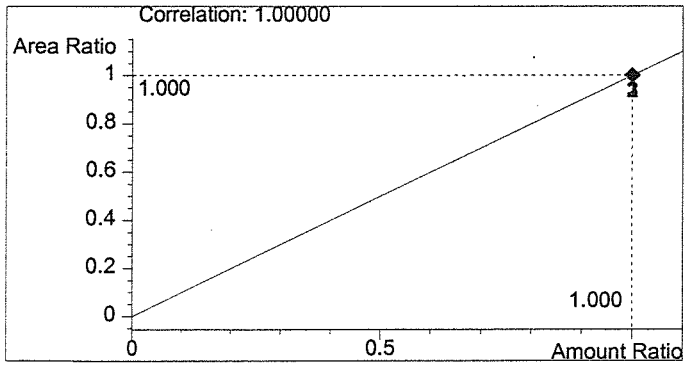


#	Compound	Area	RT
1	Ethanol	2263	1.055
2	n-Propanol	3184	1.844

Totals:



Ethanol 0.159 g/100ml



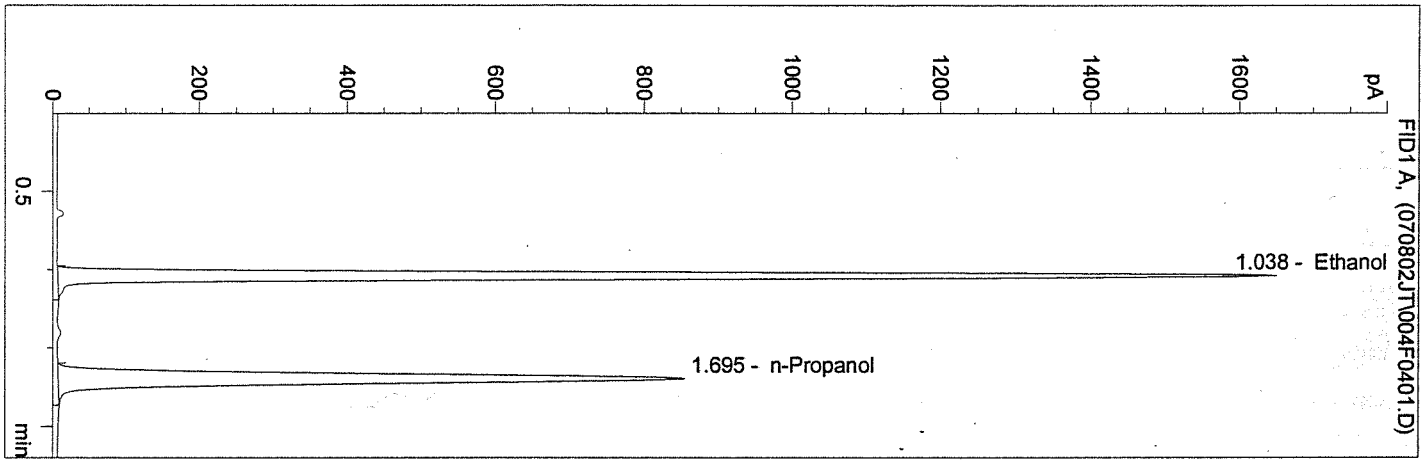
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 1:46:42 PM
Instrument 1
ALC1

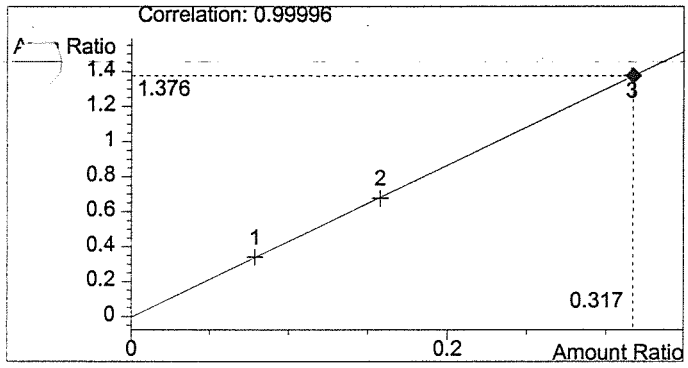
0.316 CAL
JAYNE THATCHER

vial # 4

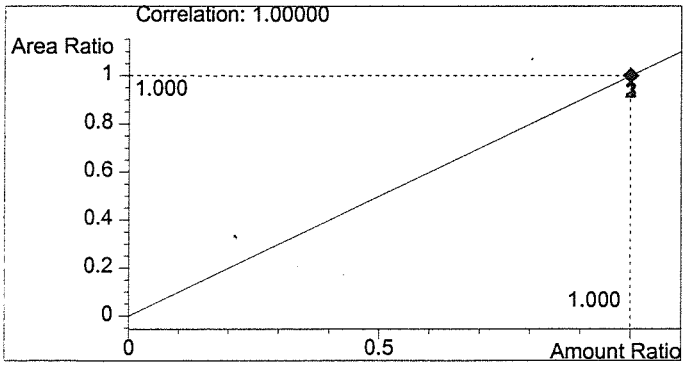


#	Compound	Area	RT
1	Ethanol	4860	1.038
2	n-Propanol	3533	1.695

Totals:



Ethanol 0.317 g/100ml



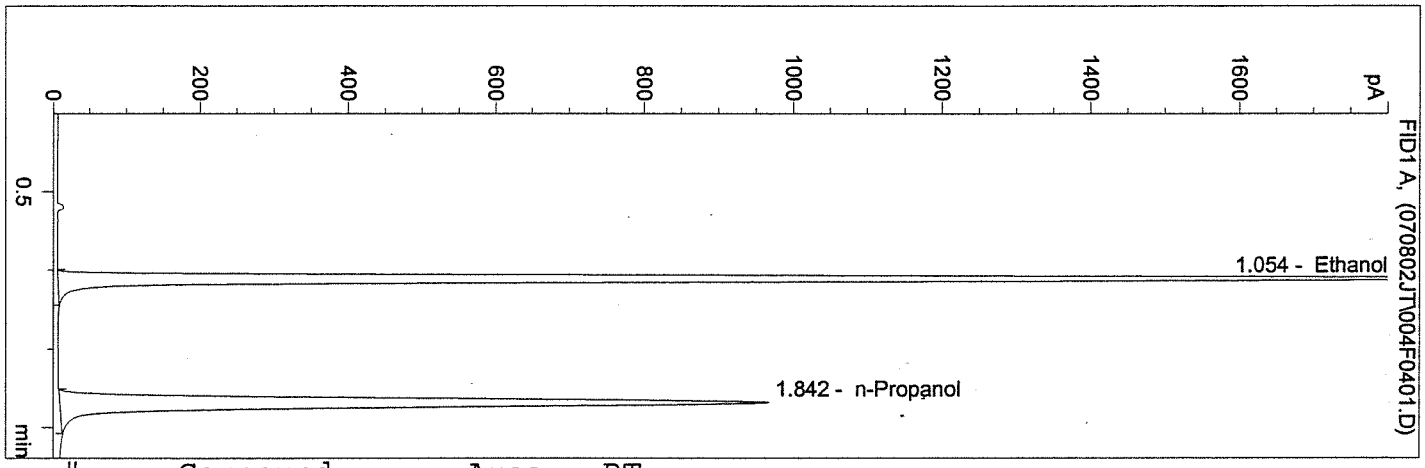
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 1:47:41 PM
Instrument 2
-ALC1

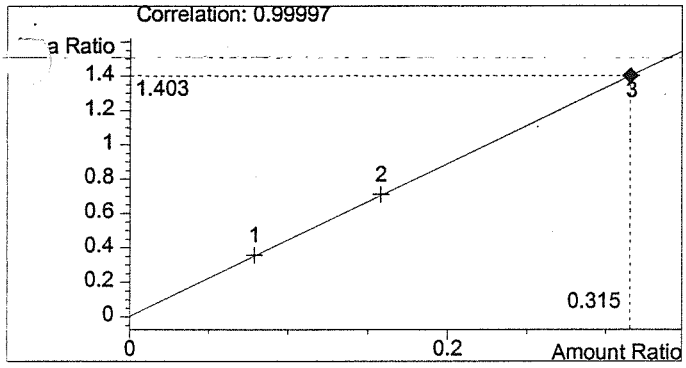
0.316 CAL
JAYNE THATCHER

vial # 4

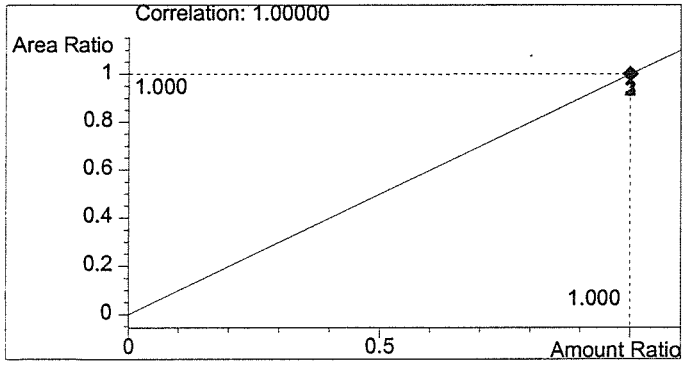


#	Compound	Area	RT
1	Ethanol	5224	1.054
2	n-Propanol	3724	1.842

Totals:



Ethanol 0.315 g/100ml



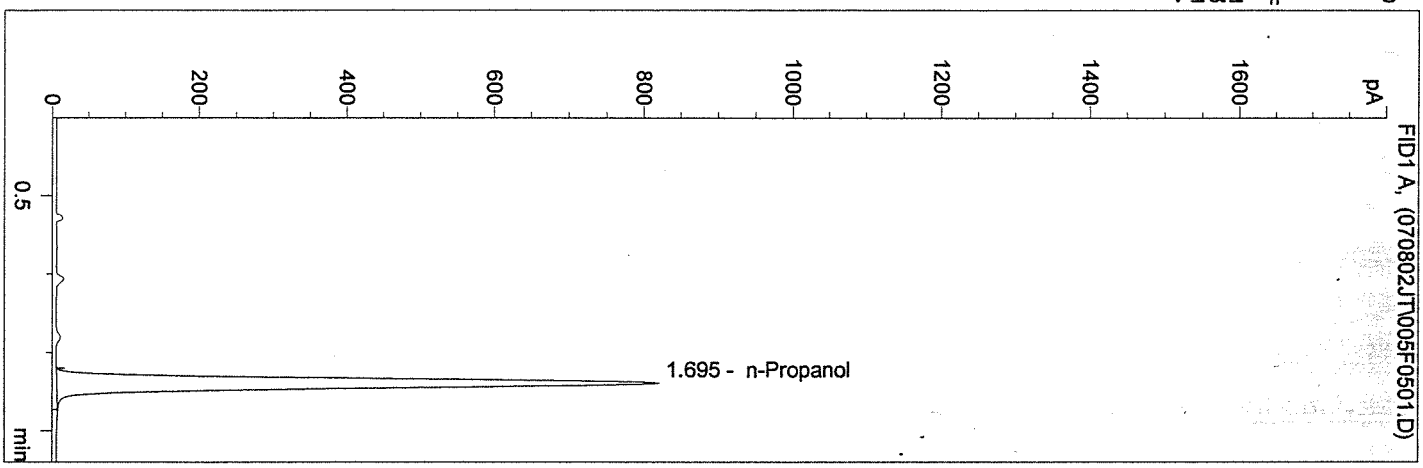
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 1:50:09 PM
Instrument 1
[illegible]-ALC1

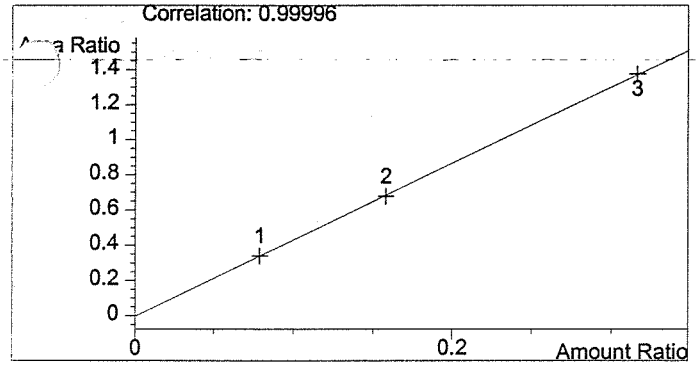
BLANK
JAYNE THATCHER

vial # 5

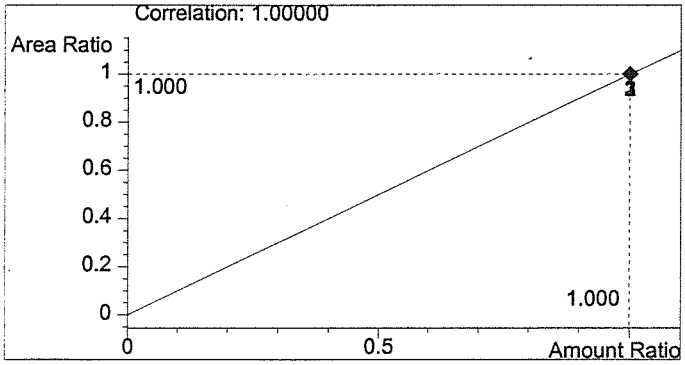


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3391	1.695

Totals:



Ethanol 0.000 g/100ml



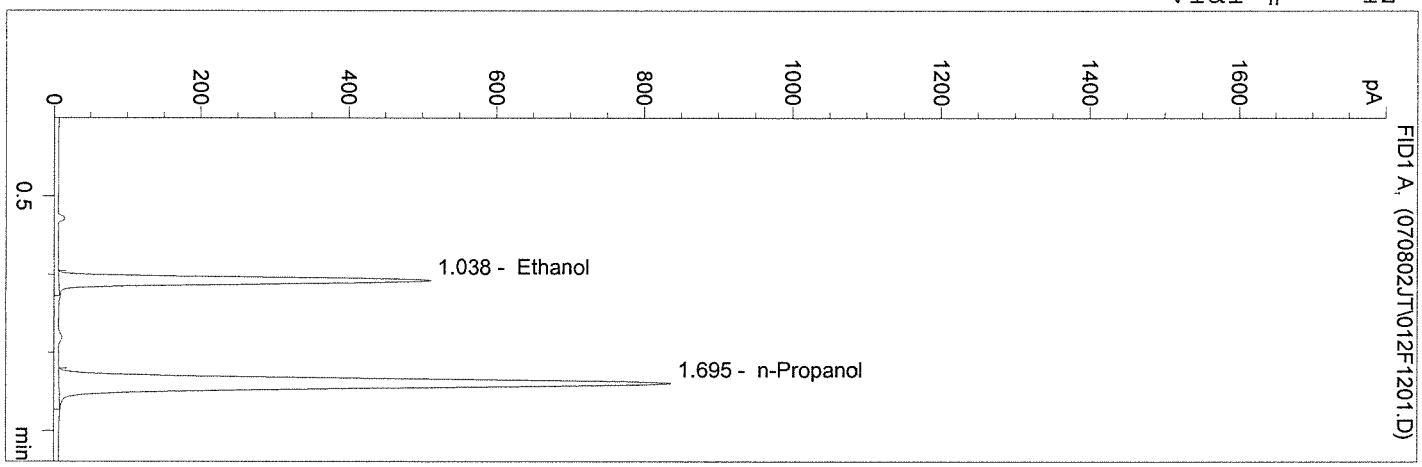
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

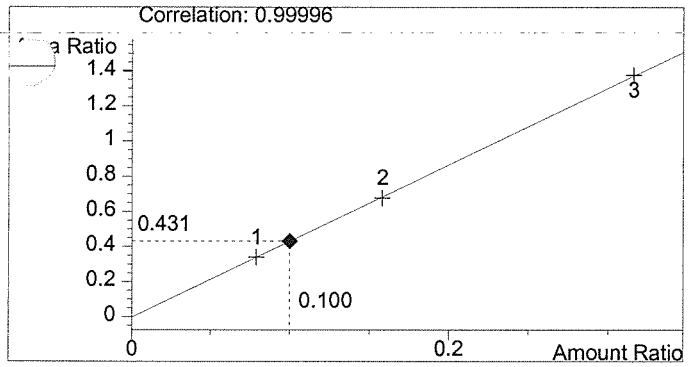
C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 2:10:08 PM
Instrument 1
ALC1

02020-1
JAYNE THATCHER

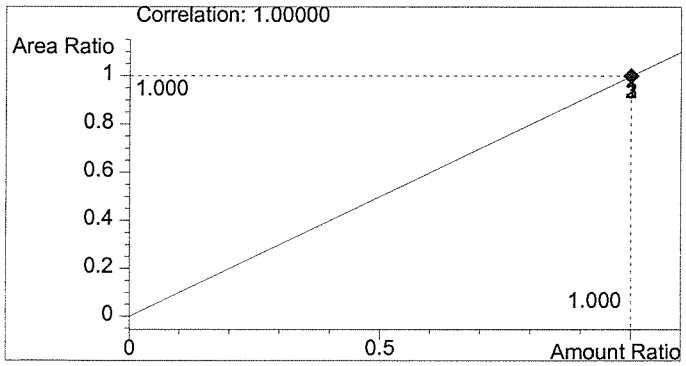
vial # 12



#	Compound	Area	RT
1	Ethanol	1491	1.038
2	n-Propanol	3457	1.695
Totals:			



Ethanol 0.100 g/100ml



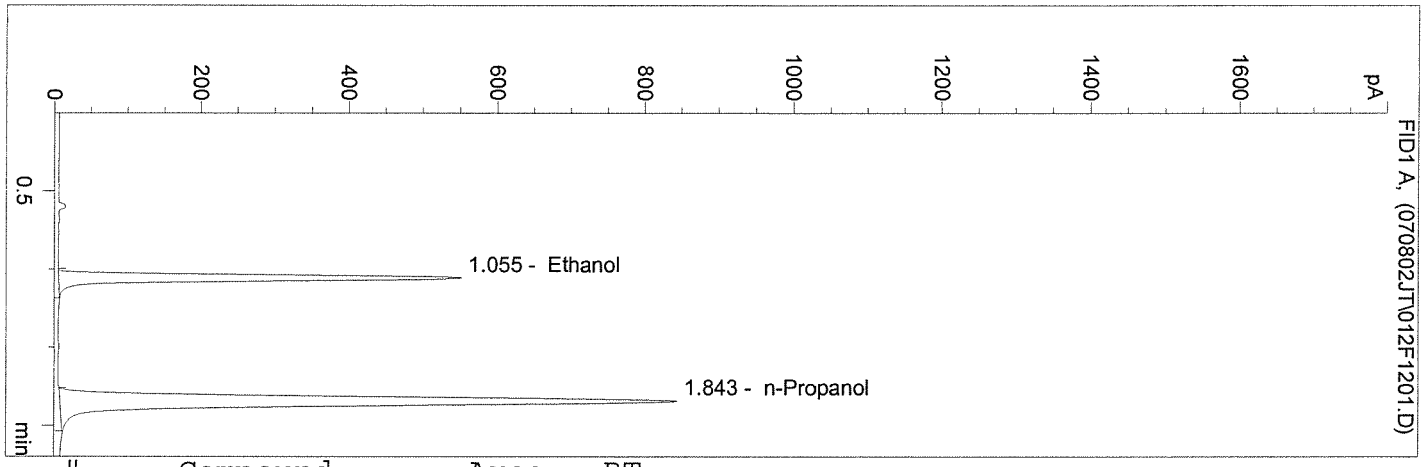
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 2:12:47 PM
Instrument 2
-ALC1

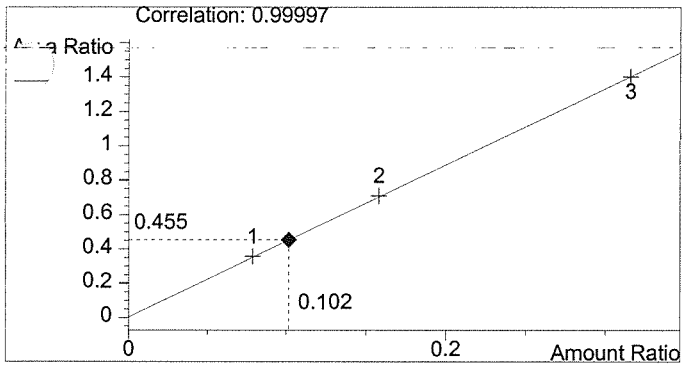
02020-1
JAYNE THATCHER

vial # 12

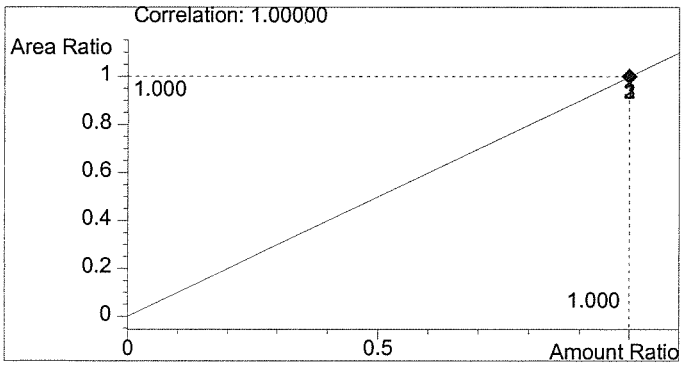


#	Compound	Area	RT
1	Ethanol	1484	1.055
2	n-Propanol	3261	1.843

Totals:



Ethanol 0.102 g/100ml



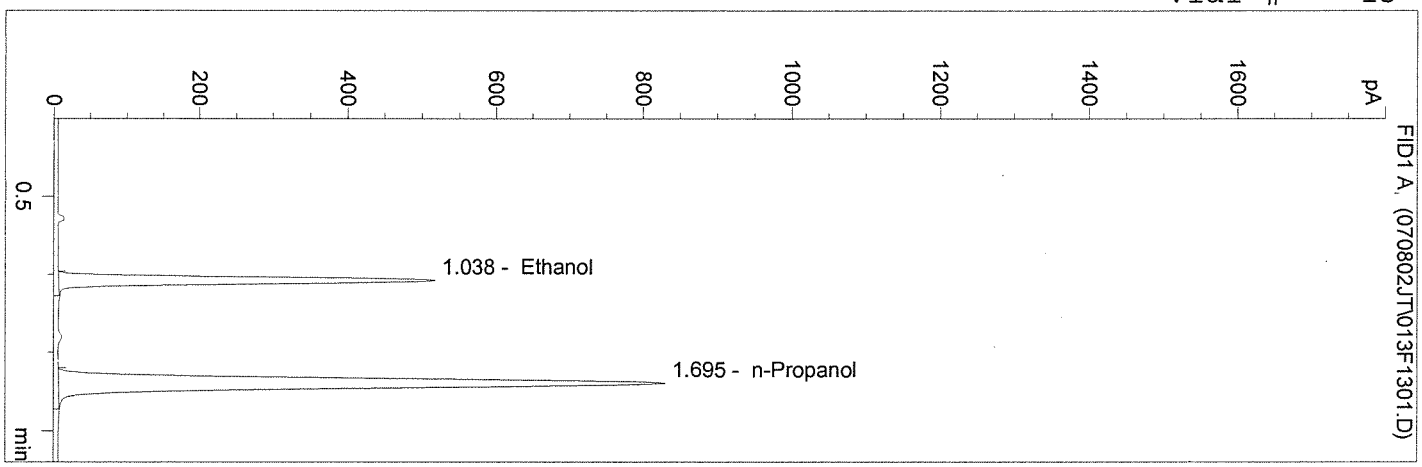
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

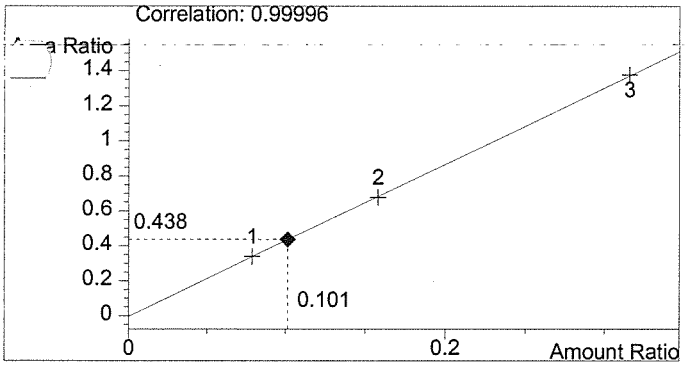
C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 2:13:27 PM
Instrument 1
-ALC1

02020-2
JAYNE THATCHER

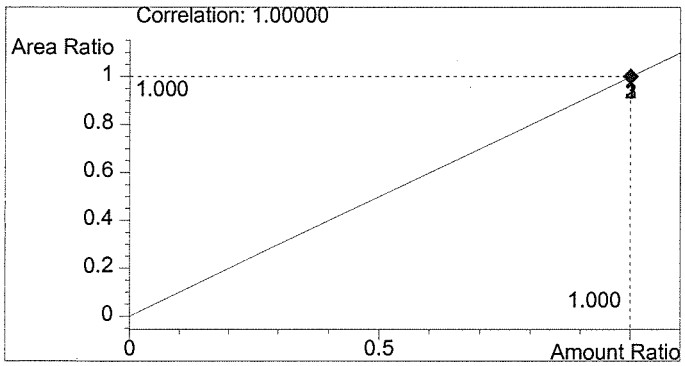
vial # 13



#	Compound	Area	RT
1	Ethanol	1502	1.038
2	n-Propanol	3431	1.695
Totals:			



Ethanol 0.101 g/100ml



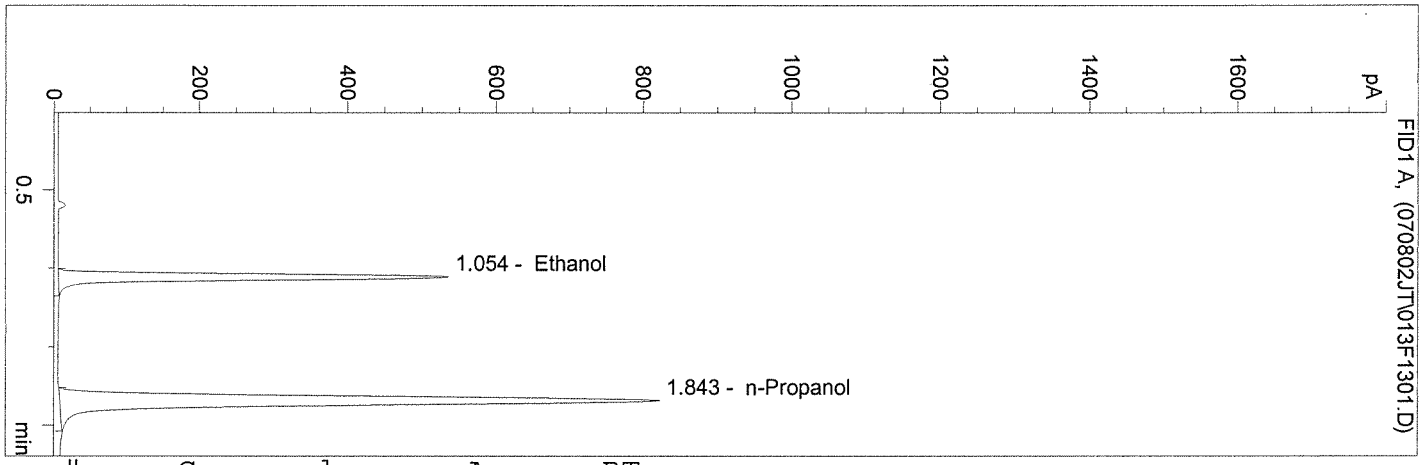
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 2:16:01 PM
Instrument 2
-ALC1

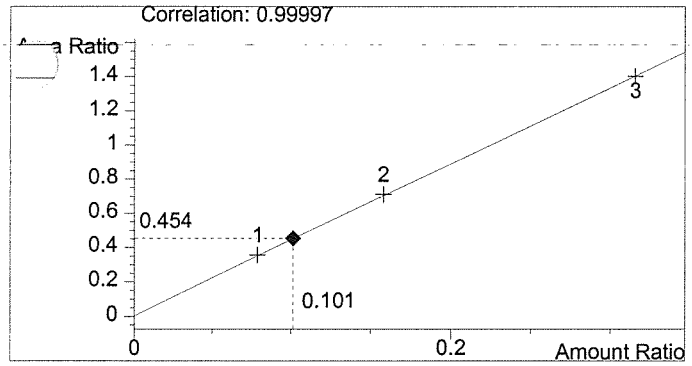
02020-2
JAYNE THATCHER

vial # 13

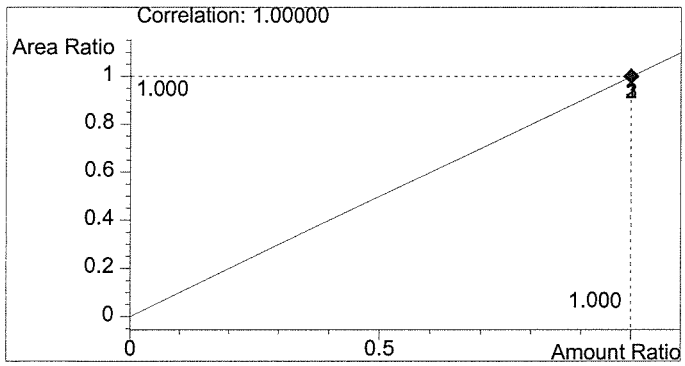


#	Compound	Area	RT
1	Ethanol	1438	1.054
2	n-Propanol	3167	1.843

Totals:



Ethanol 0.101 g/100ml



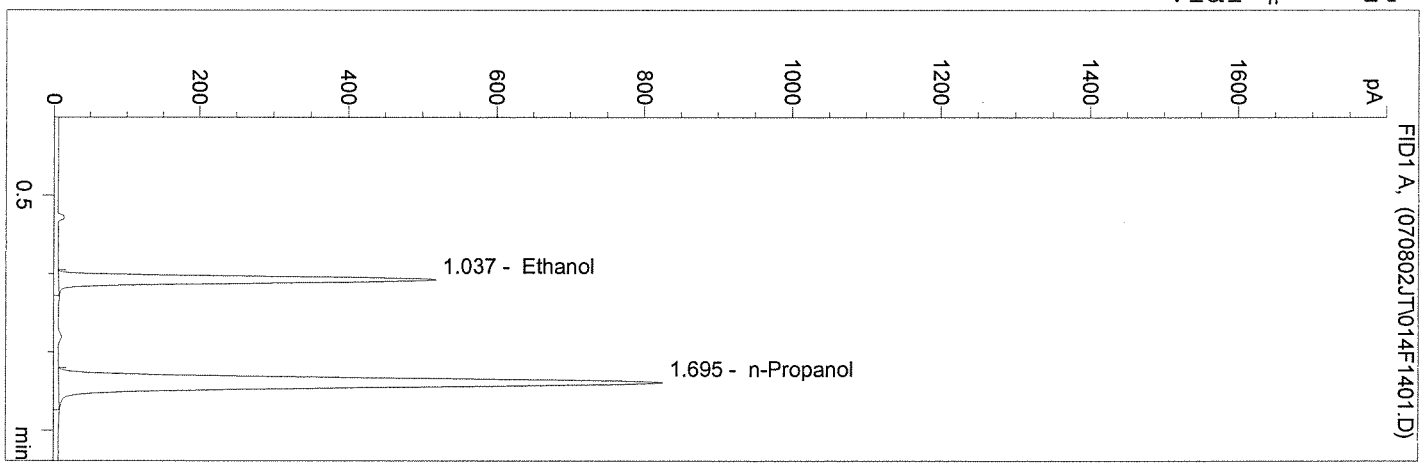
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

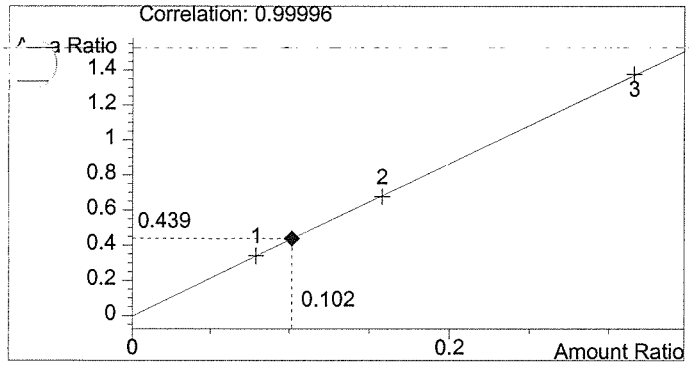
C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 2:16:17 PM
Instrument 1
ALC1

02020-3
JAYNE THATCHER

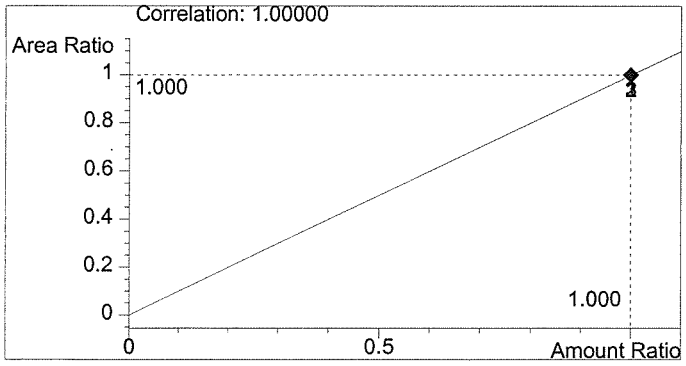
vial # 14



#	Compound	Area	RT
1	Ethanol	1490	1.037
2	n-Propanol	3395	1.695
Totals:			



Ethanol 0.102 g/100ml



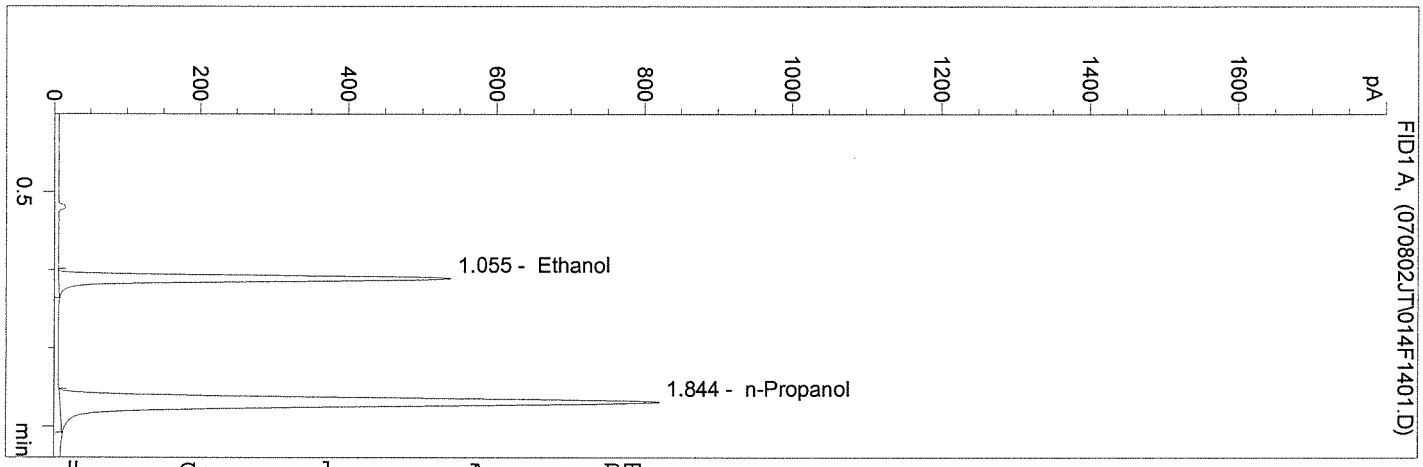
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 2:19:02 PM
Instrument 2
-ALC1

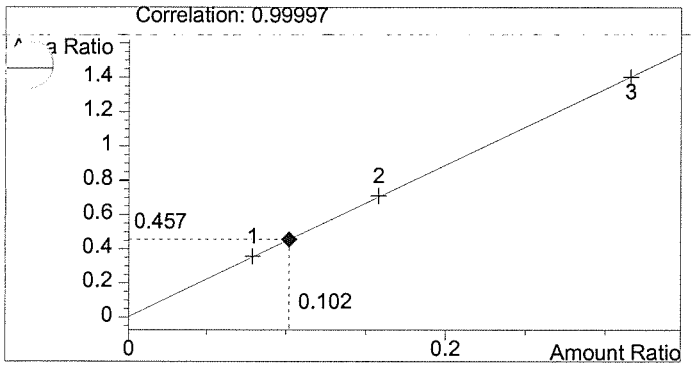
02020-3
JAYNE THATCHER

vial # 14

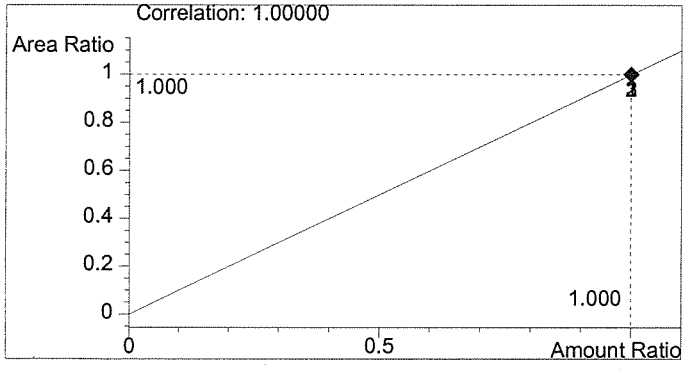


#	Compound	Area	RT
1	Ethanol	1442	1.055
2	n-Propanol	3159	1.844

Totals:



Ethanol 0.102 g/100ml



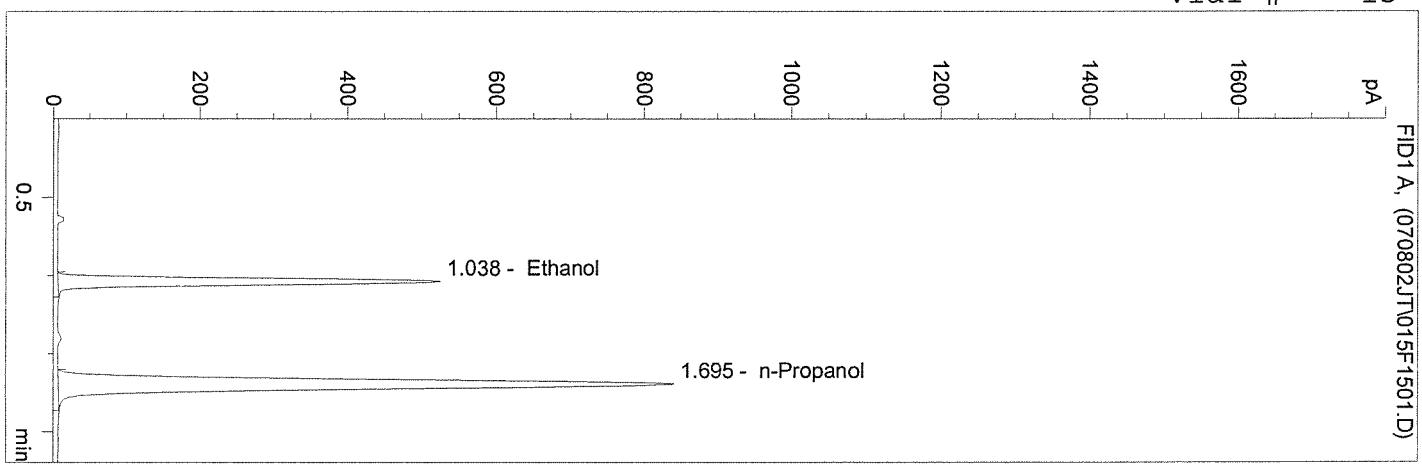
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 2:18:58 PM
Instrument 1
-ALC1

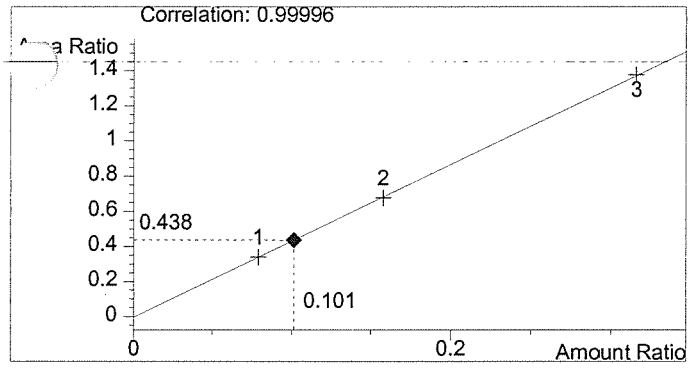
02020-4
JAYNE THATCHER

vial # 15

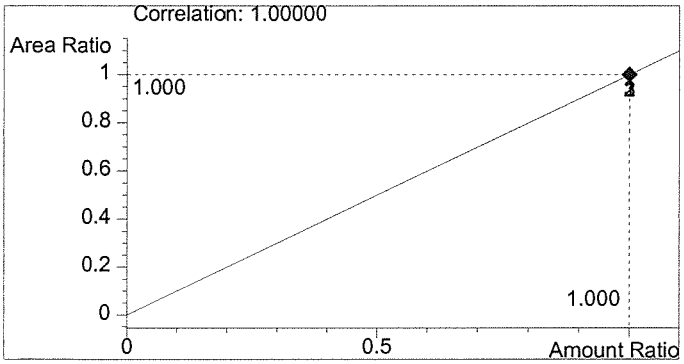


#	Compound	Area	RT
1	Ethanol	1511	1.038
2	n-Propanol	3453	1.695

Totals:



Ethanol 0.101 g/100ml



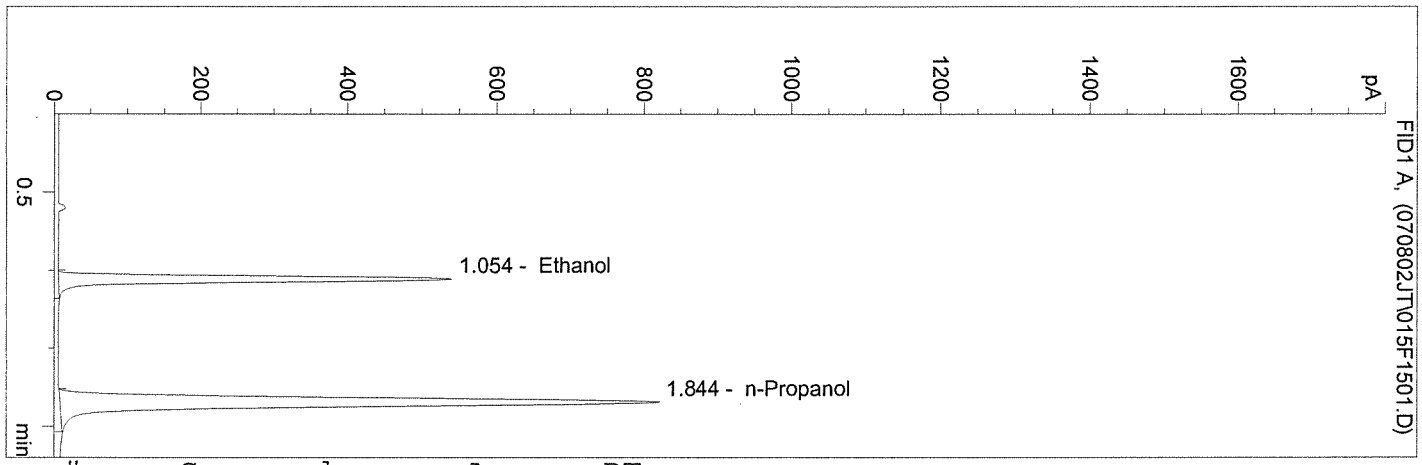
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

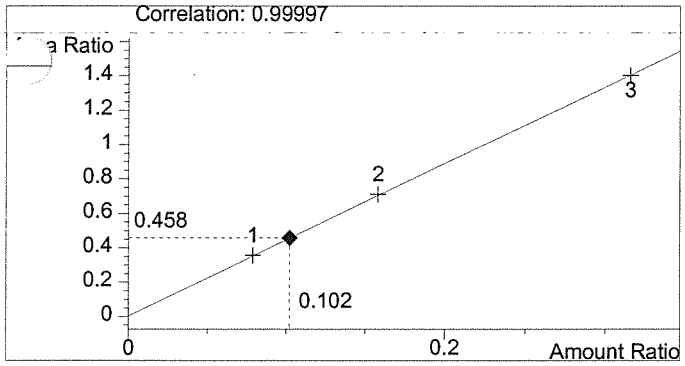
C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 2:22:04 PM
Instrument 2
-ALC1

02020-4
JAYNE THATCHER

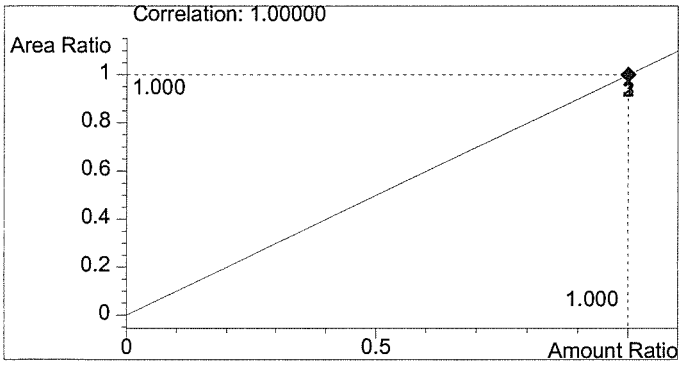
vial # 15



#	Compound	Area	RT
1	Ethanol	1448	1.054
2	n-Propanol	3164	1.844
Totals:			



Ethanol 0.102 g/100ml

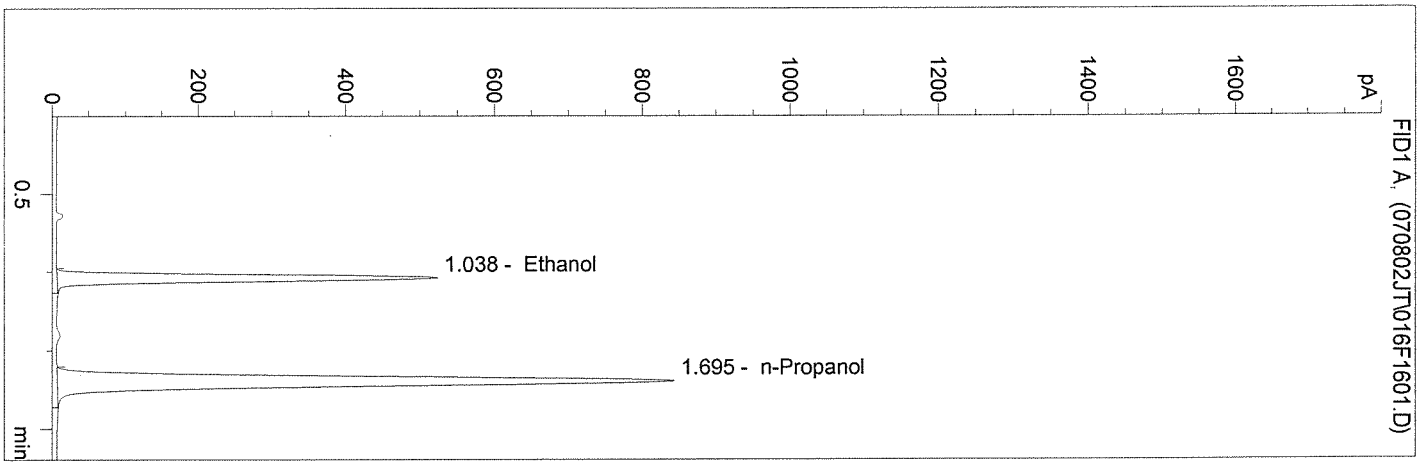


n-Propanol 1.000 g/100ml

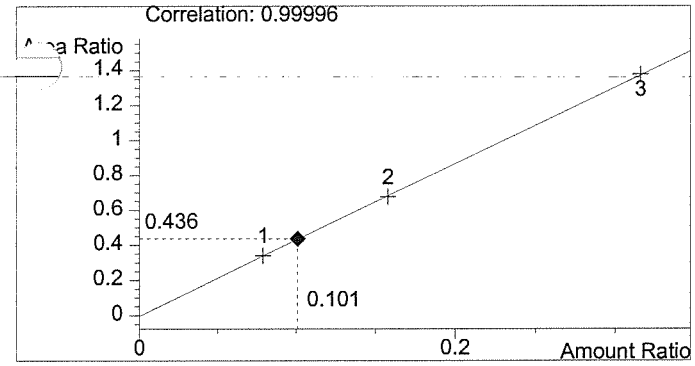
C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 2:21:44 PM
Instrument 1
-ALC1

02020-5
JAYNE THATCHER

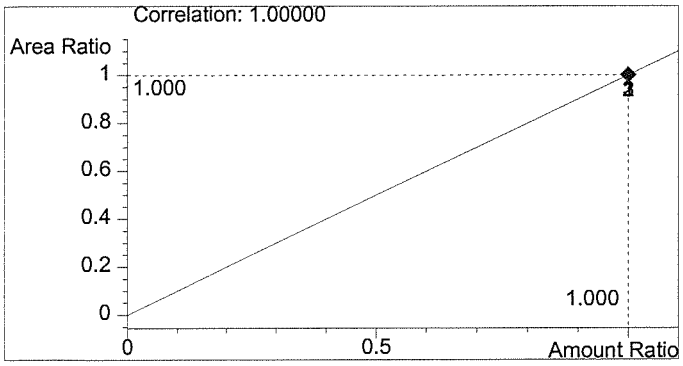
vial # 16



#	Compound	Area	RT
1	Ethanol	1516	1.038
2	n-Propanol	3475	1.695
Totals:			



Ethanol 0.101 g/100ml



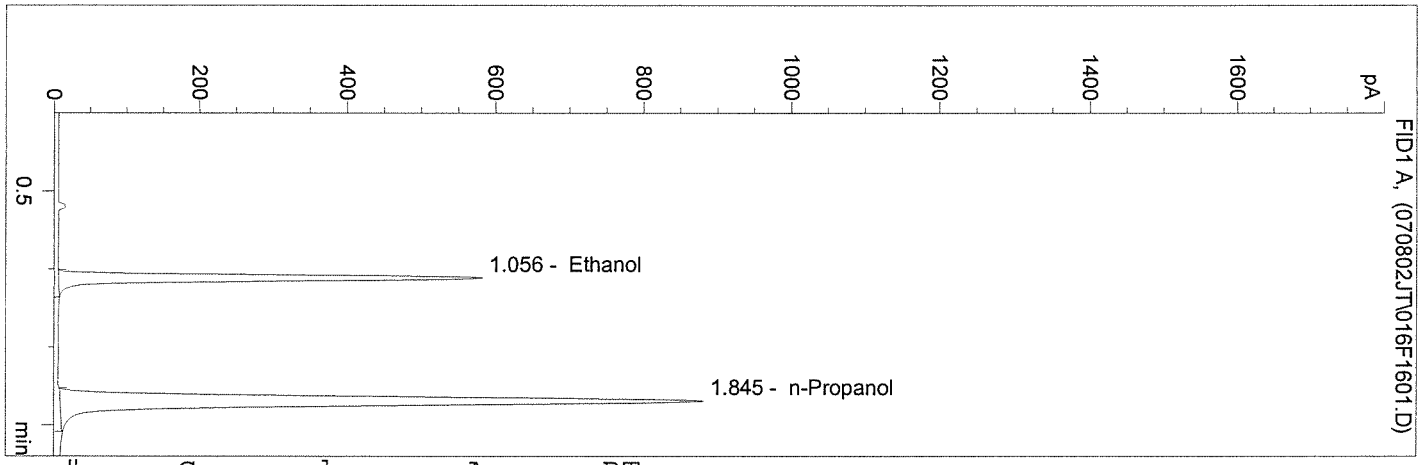
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 2:25:06 PM
Instrument 2
-ALC1

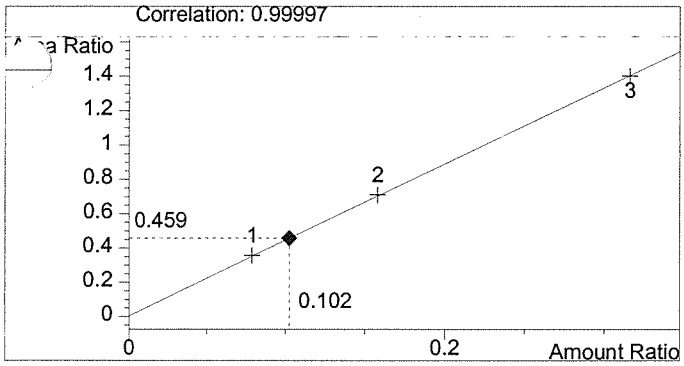
02020-5
JAYNE THATCHER

vial # 16

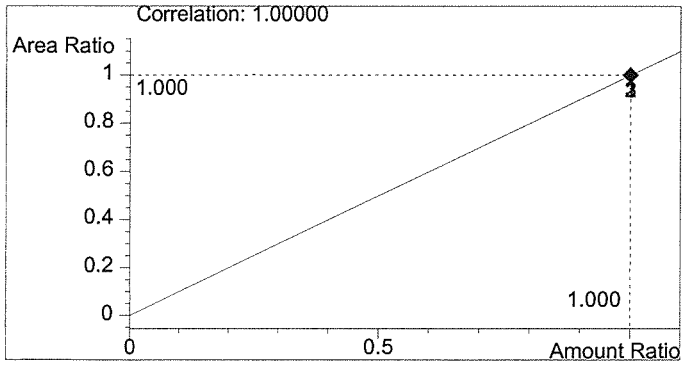


#	Compound	Area	RT
1	Ethanol	1556	1.056
2	n-Propanol	3390	1.845

Totals:



Ethanol 0.102 g/100ml



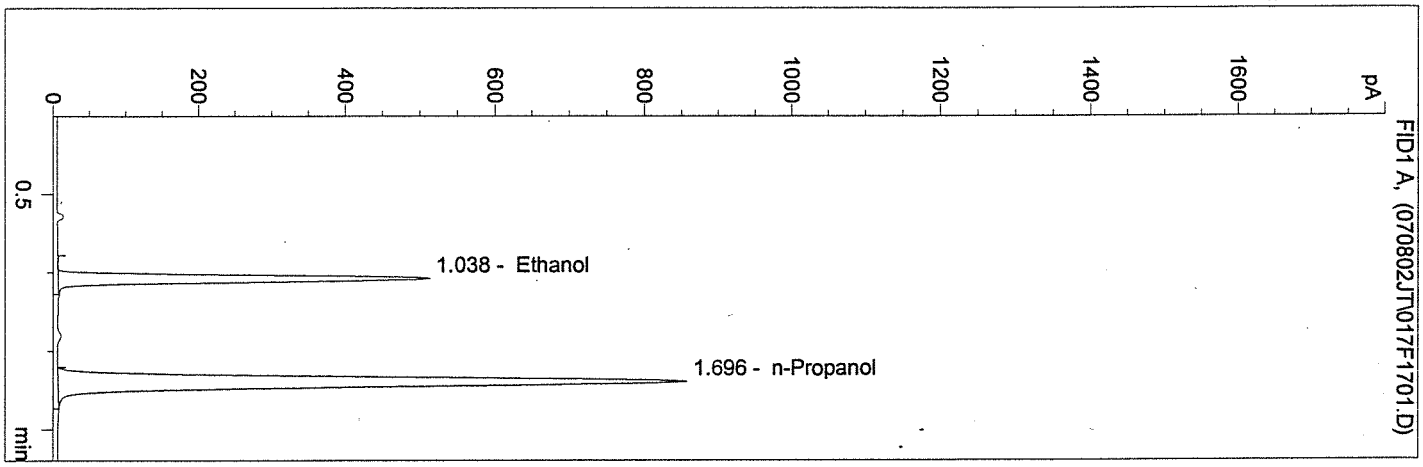
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 2:25:07 PM
Instrument 1
-ALC1

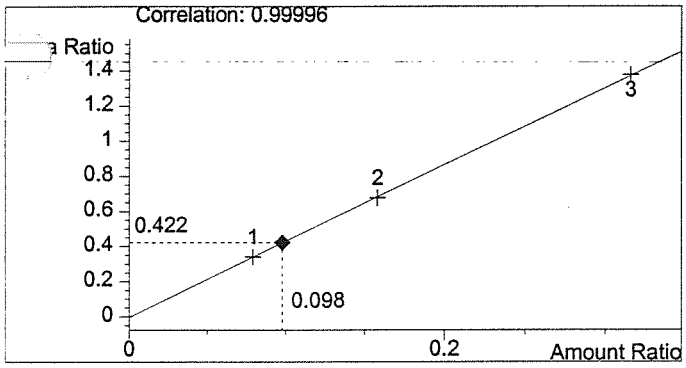
0.10 CONTROL
JAYNE THATCHER

vial # 17

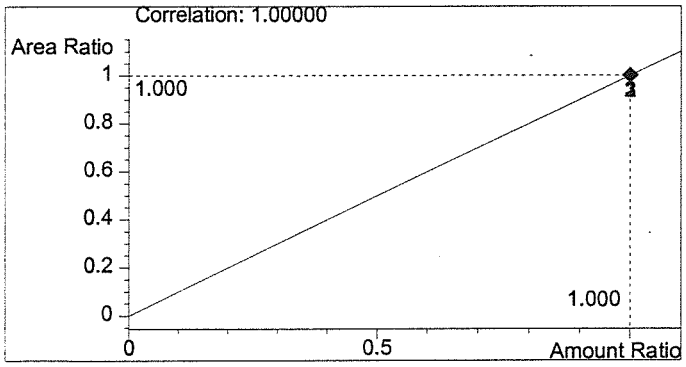


#	Compound	Area	RT
1	Ethanol	1497	1.038
2	n-Propanol	3550	1.696

Totals:



Ethanol 0.098 g/100ml



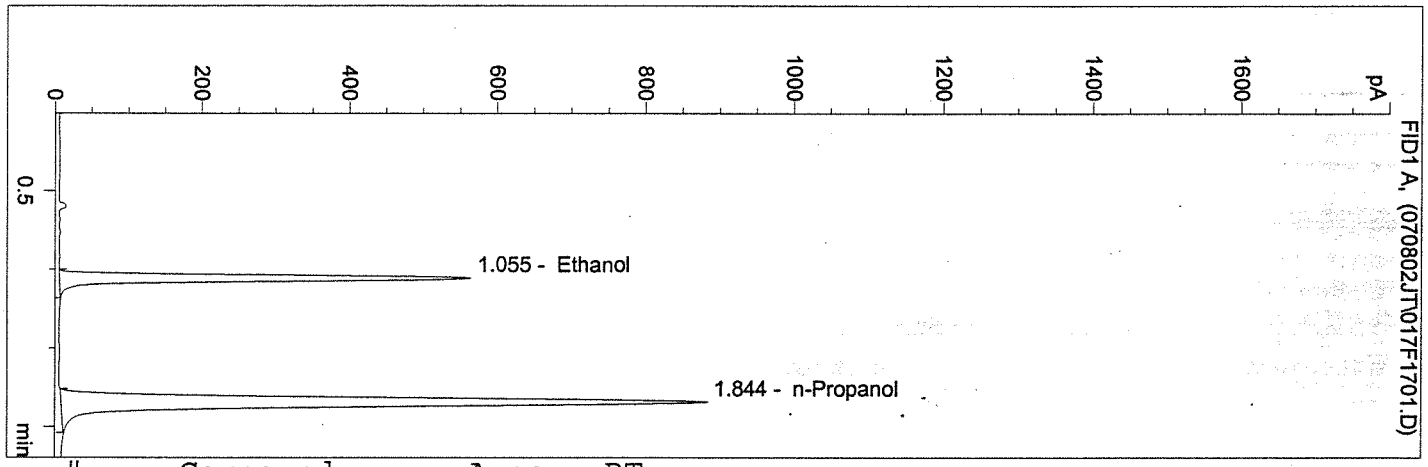
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 2:28:33 PM
Instrument 2
-ALC1

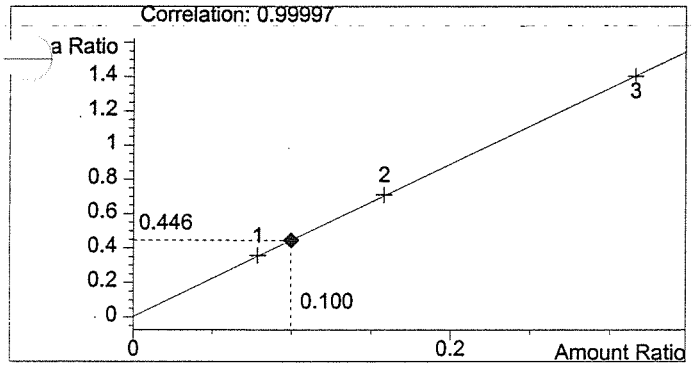
0.10 CONTROL
JAYNE THATCHER

vial # 17

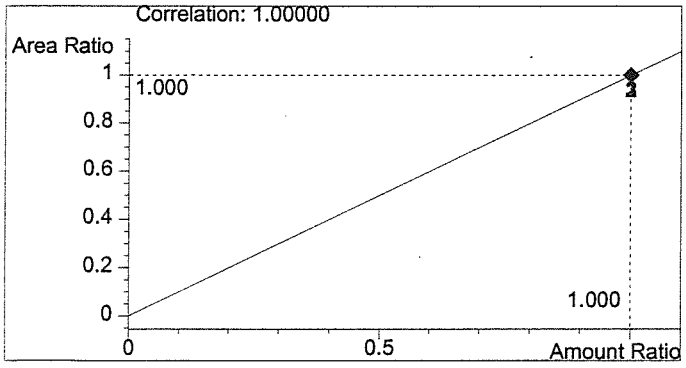


#	Compound	Area	RT
1	Ethanol	1514	1.055
2	n-Propanol	3393	1.844

Totals:



Ethanol 0.100 g/100ml



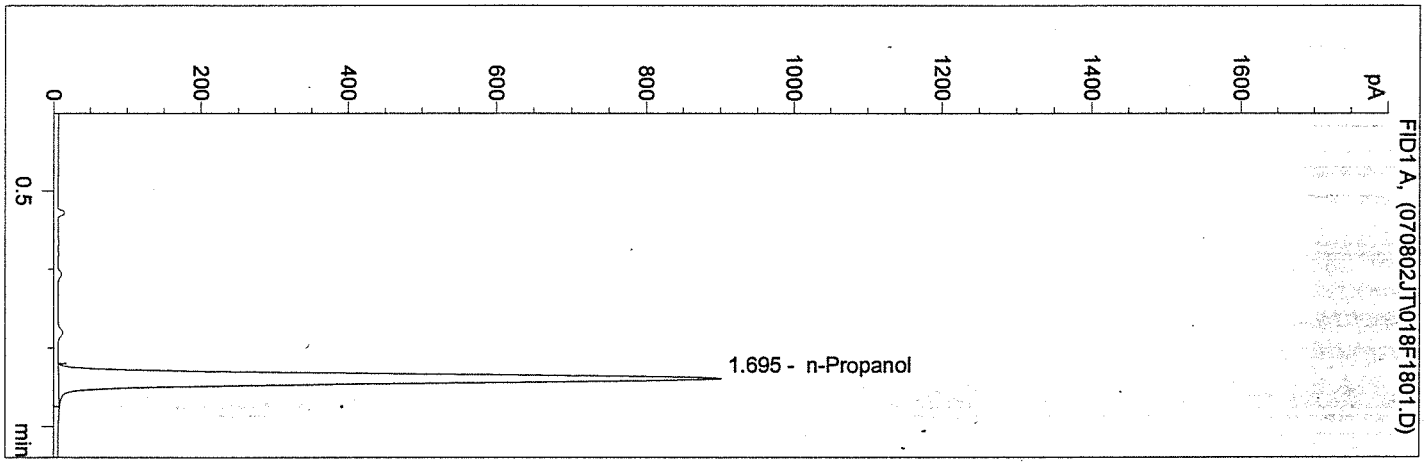
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/8/02 2:27:57 PM
Instrument 1
-ALC1

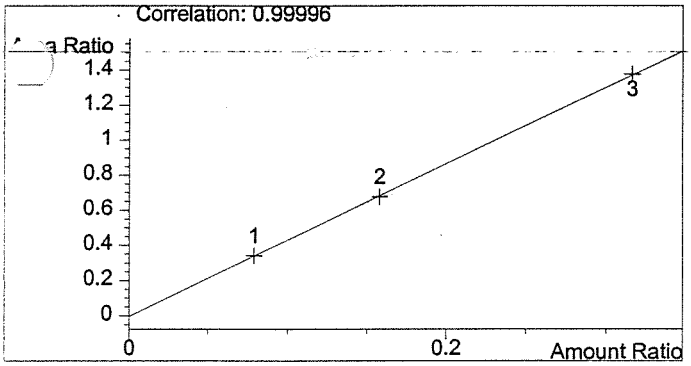
BLANK
JAYNE THATCHER

vial # 18

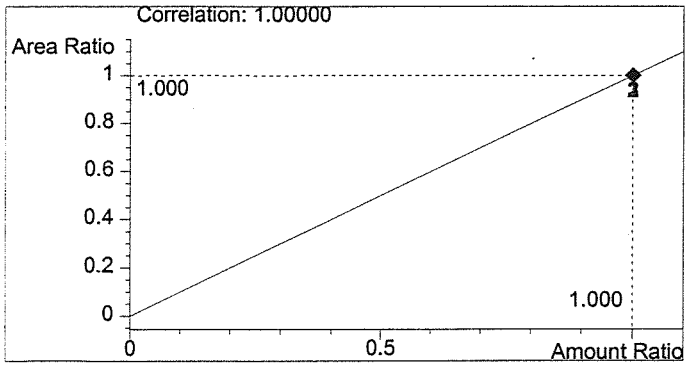


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3704	1.695

Totals:



Ethanol 0.000 g/100ml

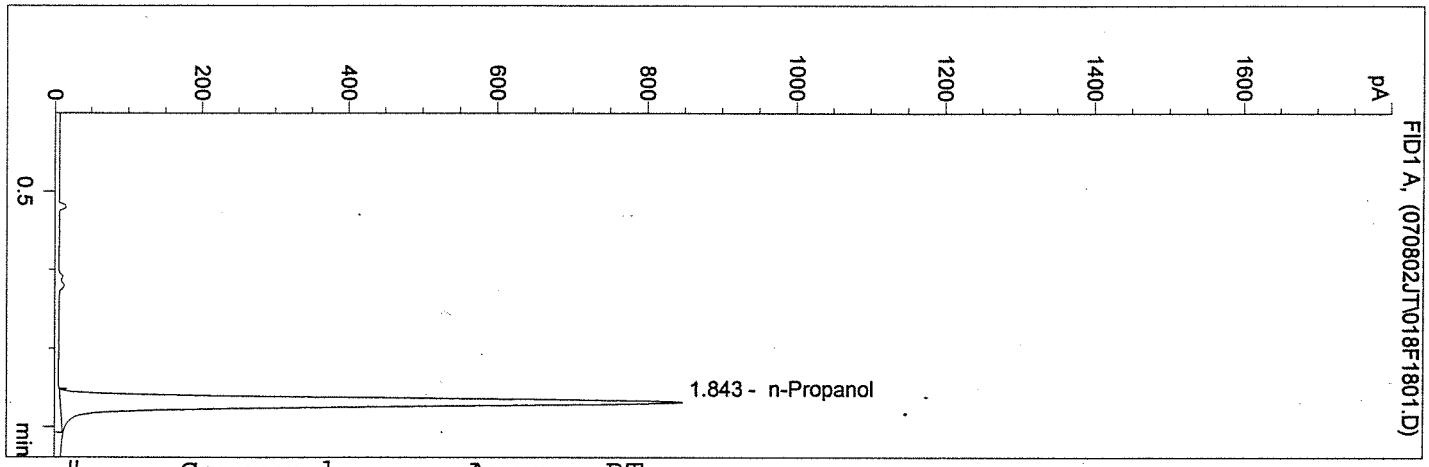


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/8/02 2:31:34 PM
Instrument 2
-ALC1

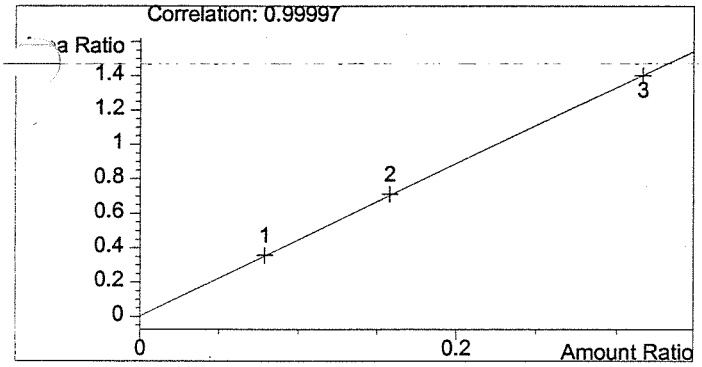
BLANK
JAYNE THATCHER

vial # 18

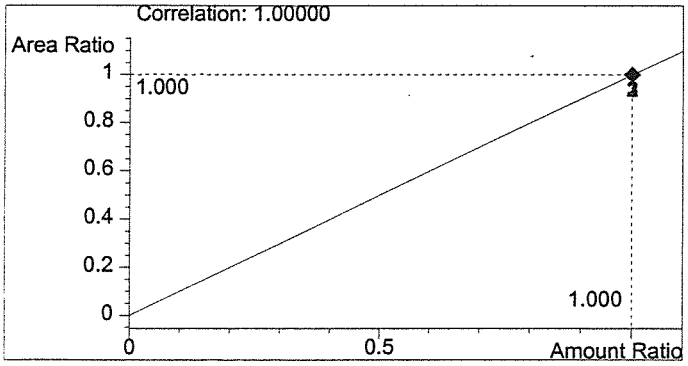


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3266	1.843

Totals:



Ethanol 0.000 g/100ml



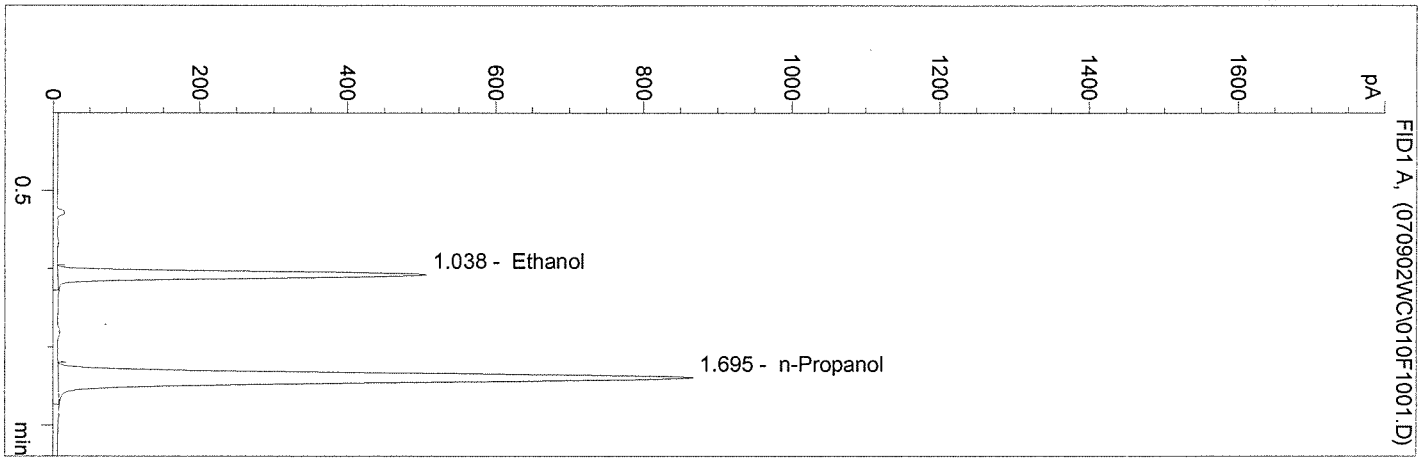
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/9/02 10:51:54 AM
Instrument 1
-ALC1

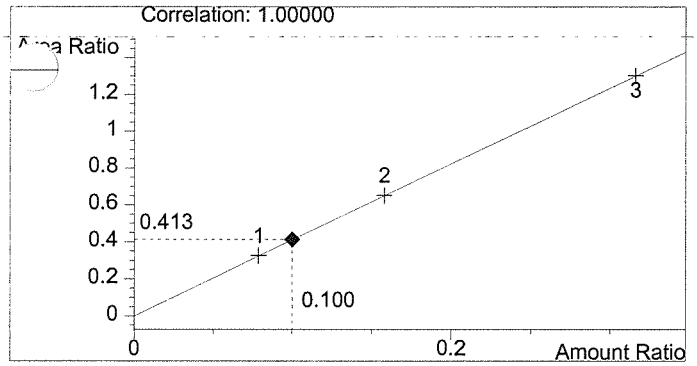
SIM 02020
WP MARSHALL

vial # 10

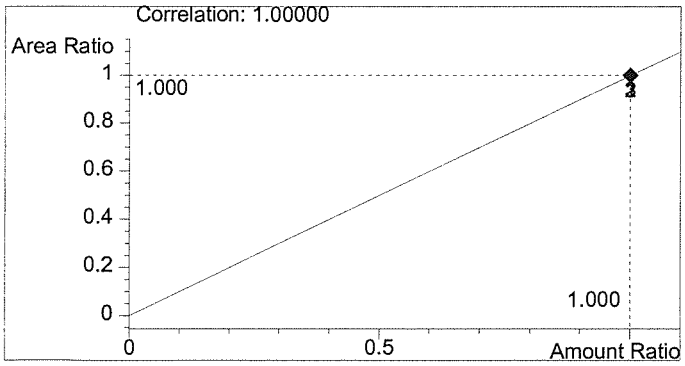


#	Compound	Area	RT
1	Ethanol	1480	1.038
2	n-Propanol	3585	1.695

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

STDS

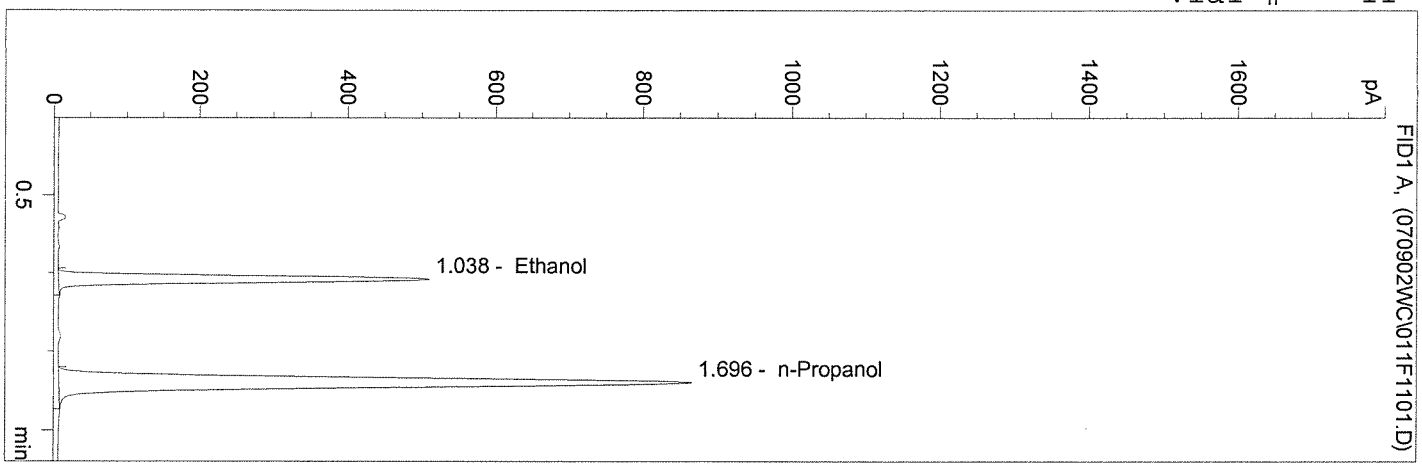
023960

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/9/02 10:54:43 AM
Instrument 1
-ALC1

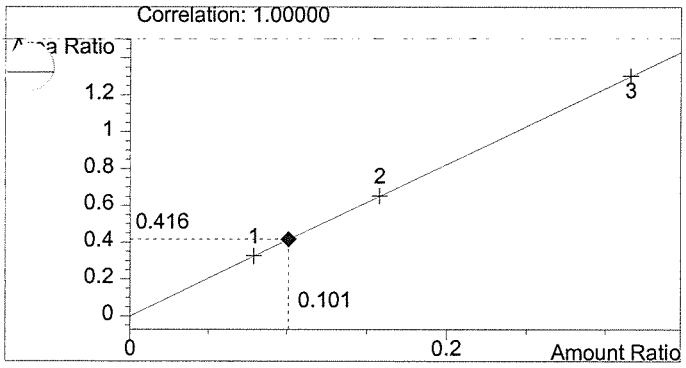
SIM 02020
WP MARSHALL

vial # 11

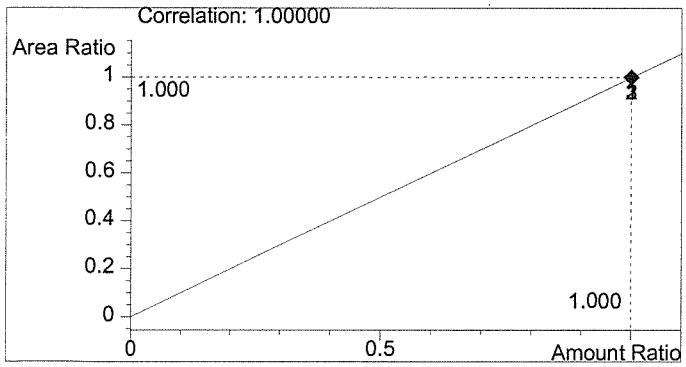


#	Compound	Area	RT
1	Ethanol	1491	1.038
2	n-Propanol	3582	1.696

Totals:



Ethanol 0.101 g/100ml



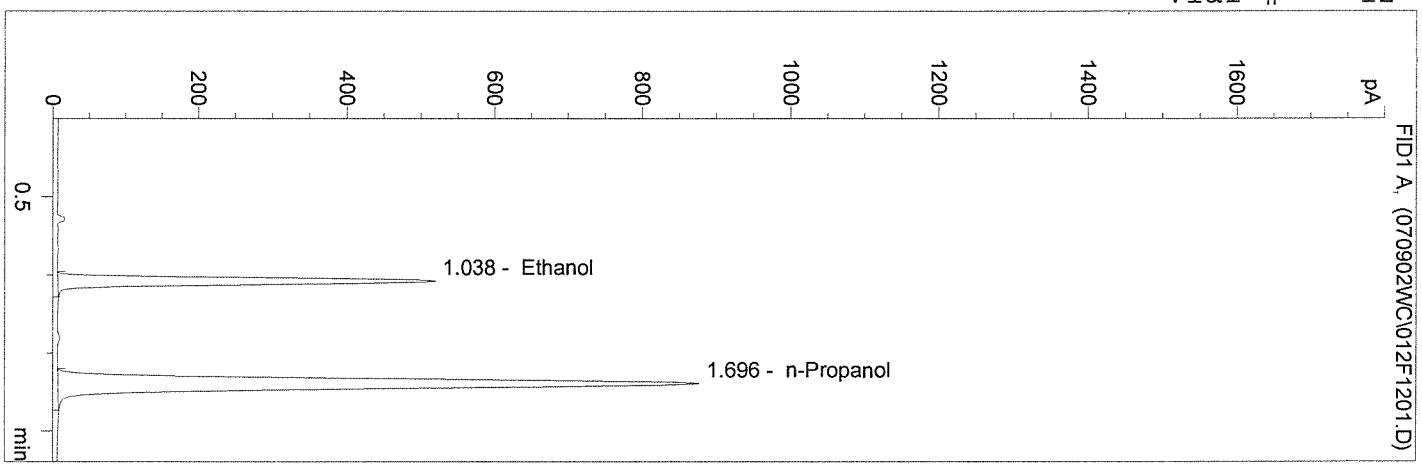
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/9/02 10:57:21 AM
Instrument 1
-ALC1

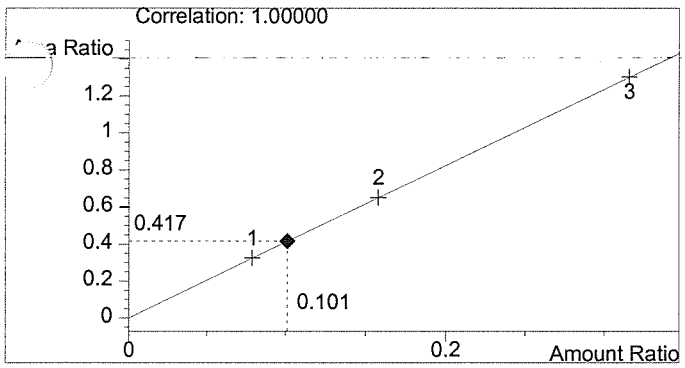
SIM 02020
WP MARSHALL

vial # 12

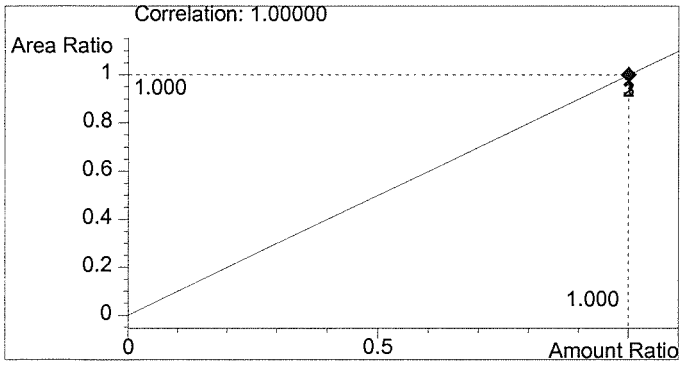


#	Compound	Area	RT
1	Ethanol	1512	1.038
2	n-Propanol	3627	1.696

Totals:



Ethanol 0.101 g/100ml

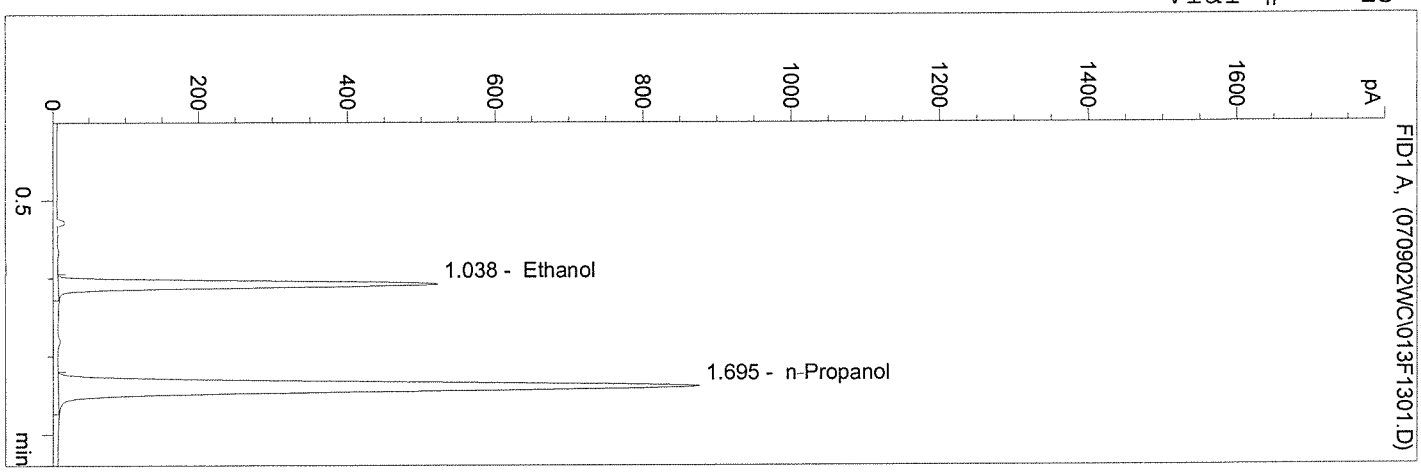


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
7/9/02 11:00:50 AM
Instrument 1
-ALC1

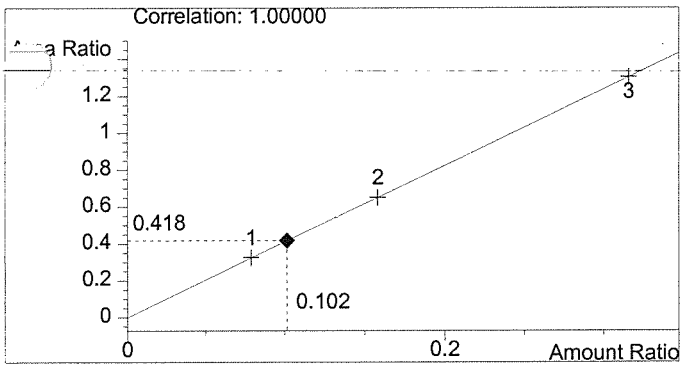
SIM 02020
WP MARSHALL

vial # 13

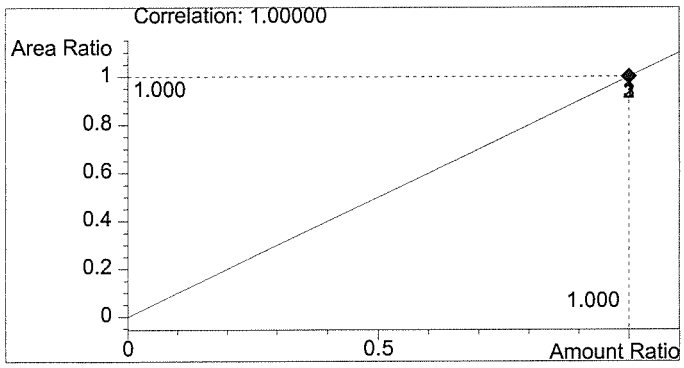


#	Compound	Area	RT
1	Ethanol	1509	1.038
2	n-Propanol	3608	1.695

Totals:



Ethanol 0.102 g/100ml



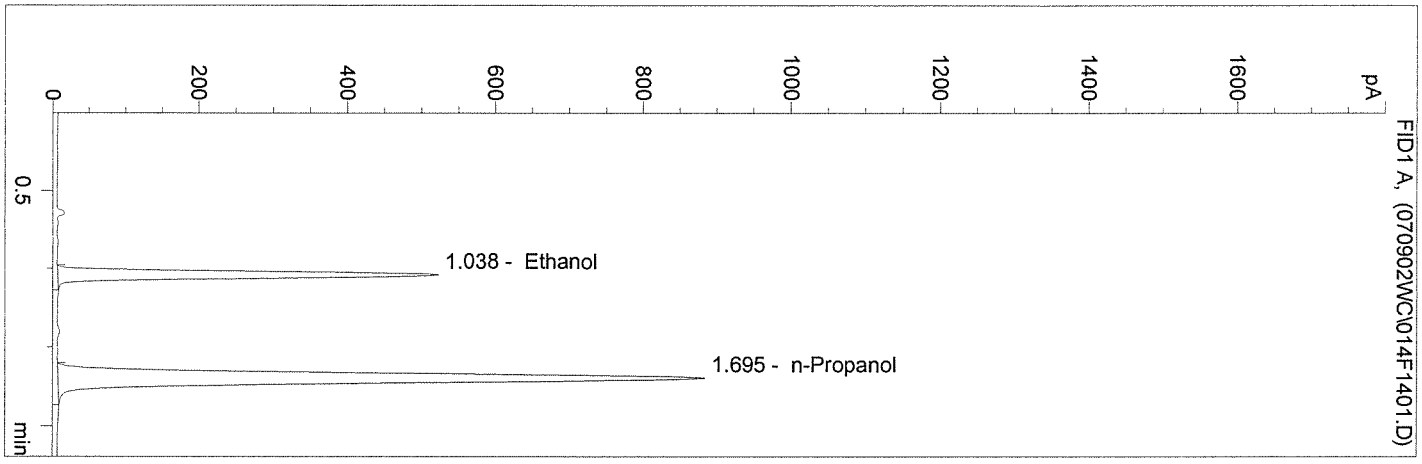
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/9/02 11:03:28 AM
Instrument 1
-ALC1

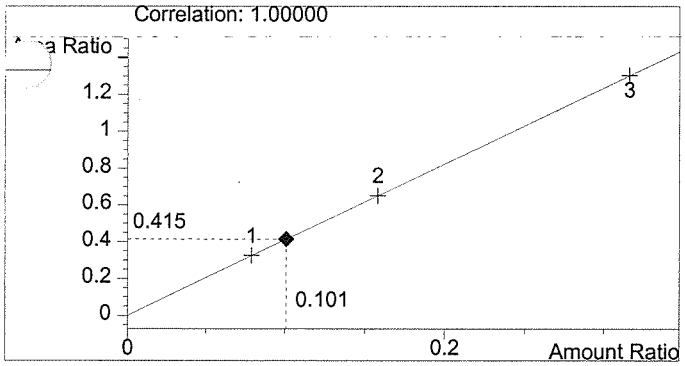
SIM 02020
WP MARSHALL

vial # 14

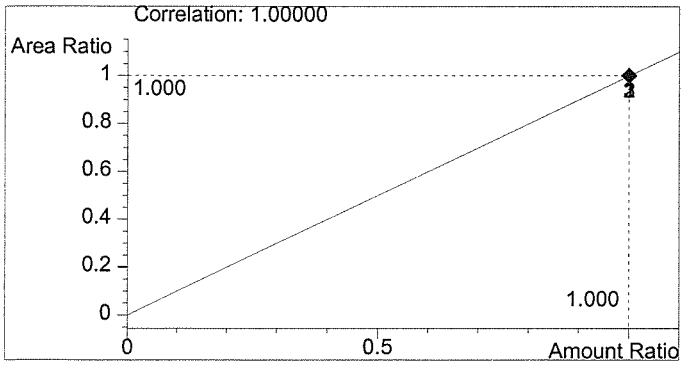


#	Compound	Area	RT
1	Ethanol	1511	1.038
2	n-Propanol	3640	1.695

Totals:



Ethanol 0.101 g/100ml

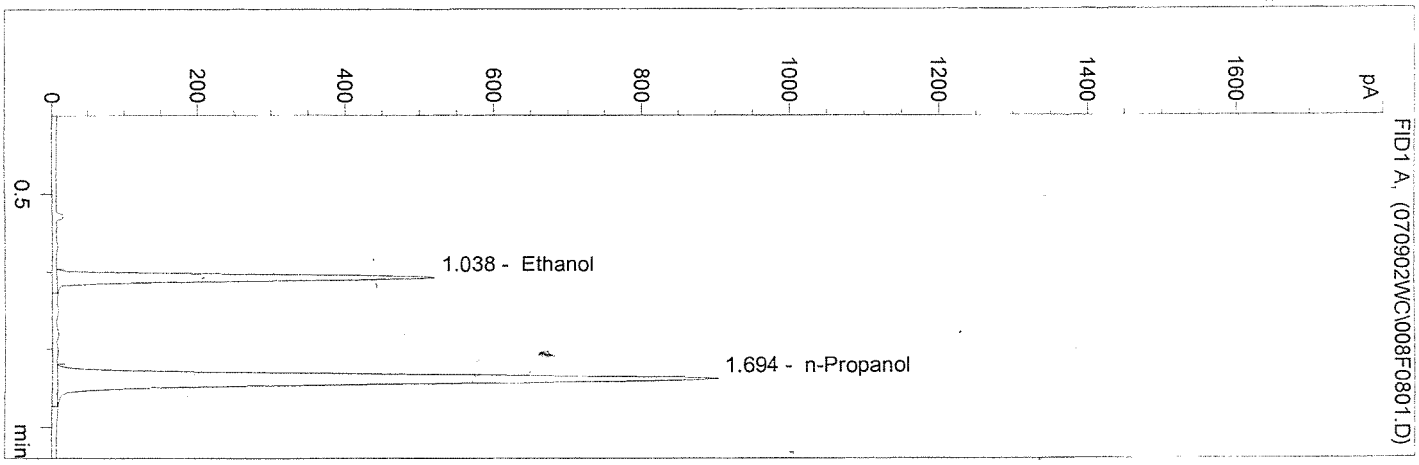


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
7/9/02 10:45:46 AM
Instrument 1
-ALC1

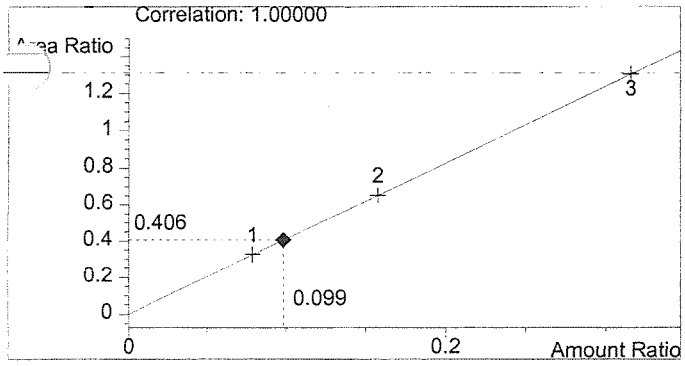
CONTROL 0.10 WM
WP MARSHALL

vial # 8

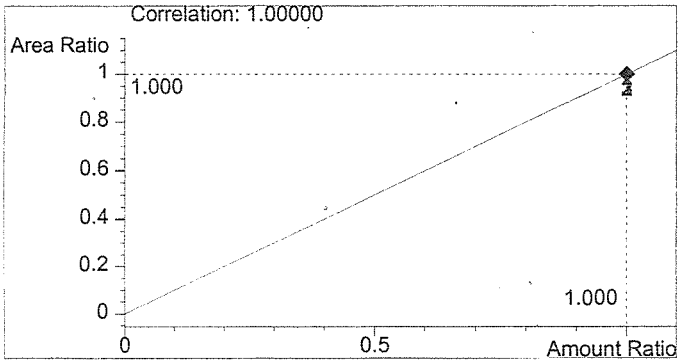


#	Compound	Area	RT
1	Ethanol	1514	1.038
2	n-Propanol	3726	1.694

Totals:



Ethanol 0.099 g/100ml



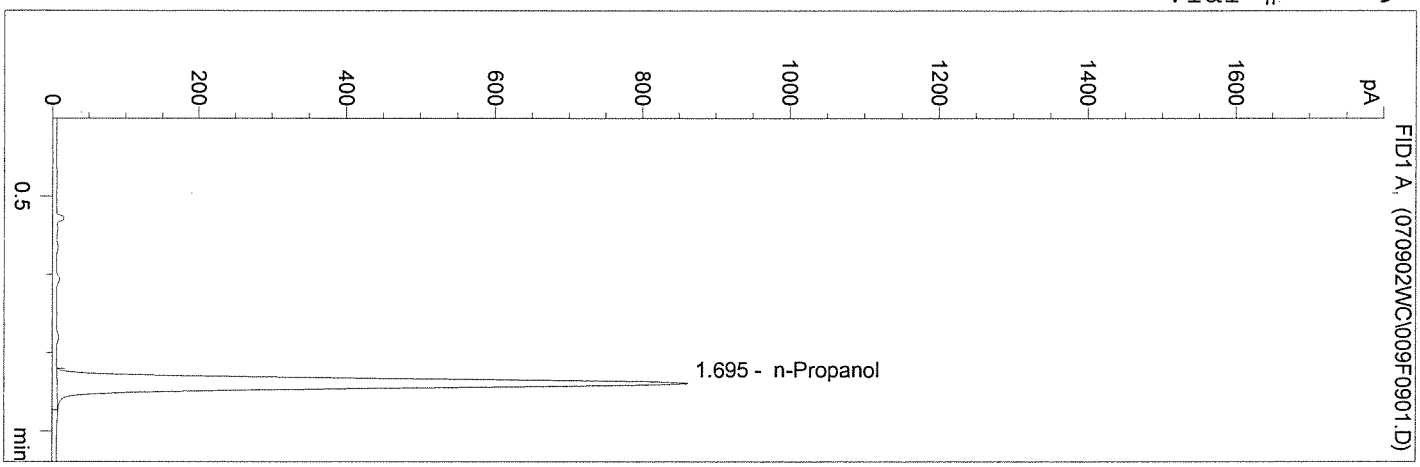
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/9/02 10:49:09 AM
Instrument 1
-ALC1

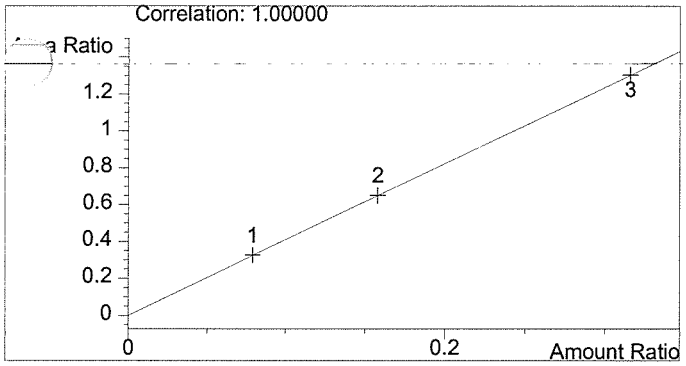
BLANK
WP MARSHALL

vial # 9

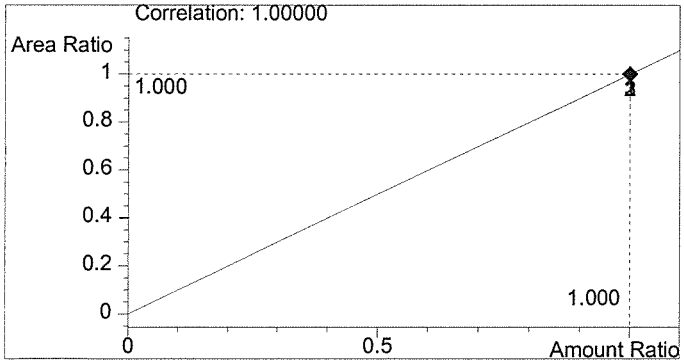


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3567	1.695

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

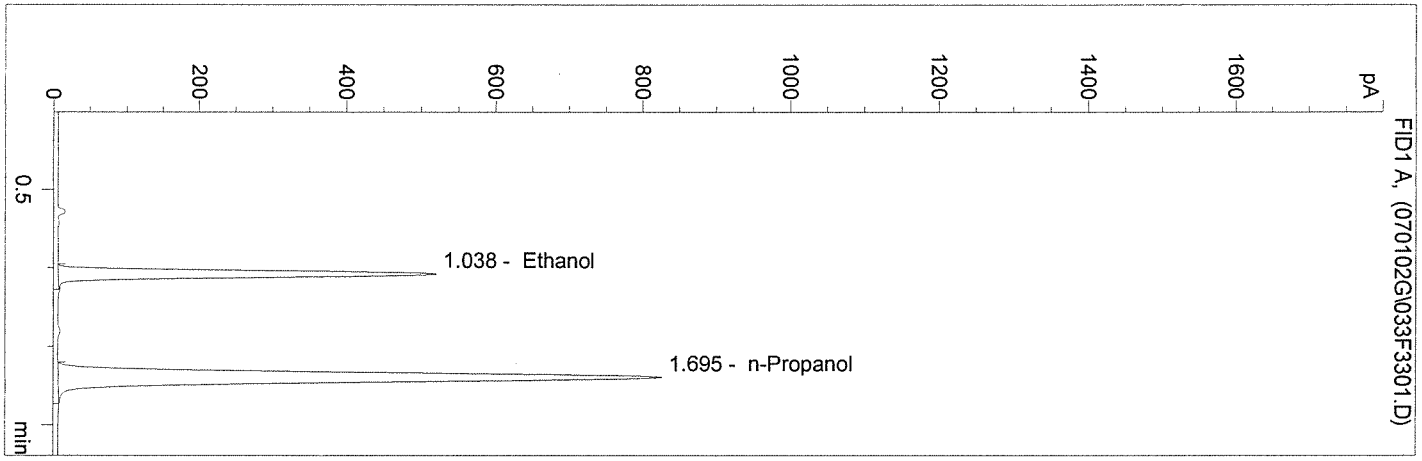
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/02 1:55:25 PM
Instrument 1
-ALC1

Cal 023766

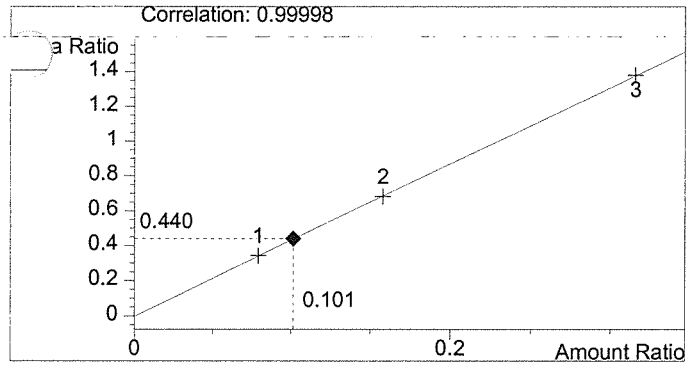
0.08 SS 02020
GENE SCHWILKE

vial # 33

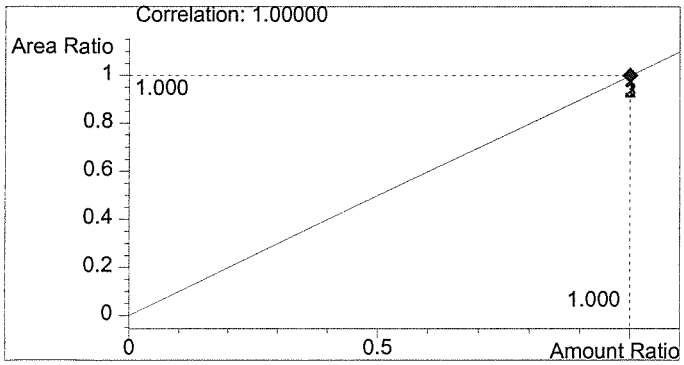


#	Compound	Area	RT
1	Ethanol	1497	1.038
2	n-Propanol	3401	1.695

Totals:



Ethanol 0.101 g/100ml

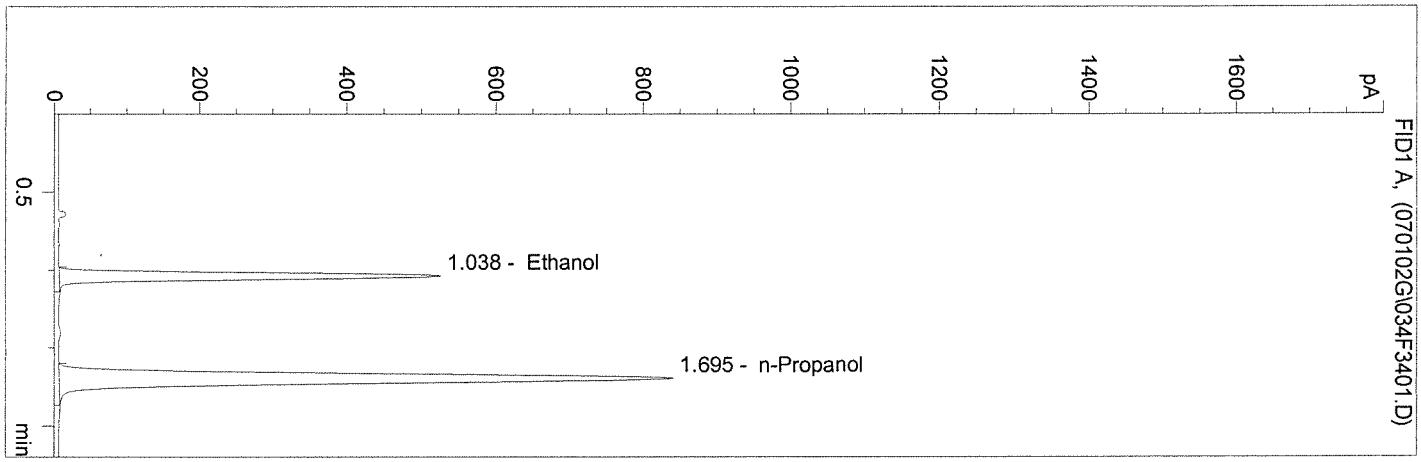


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/02 1:58:27 PM
Instrument 1
-ALC1

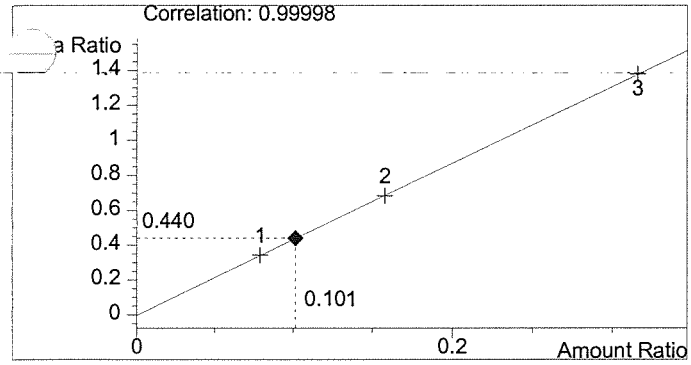
0.08 SS 02020
GENE SCHWILKE

vial # 34

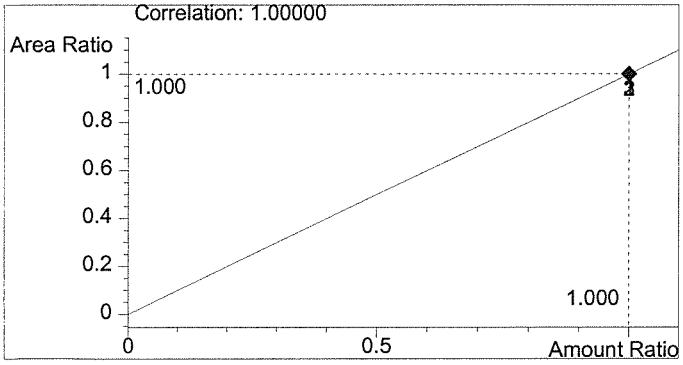


#	Compound	Area	RT
1	Ethanol	1526	1.038
2	n-Propanol	3470	1.695

Totals:



Ethanol 0.101 g/100ml



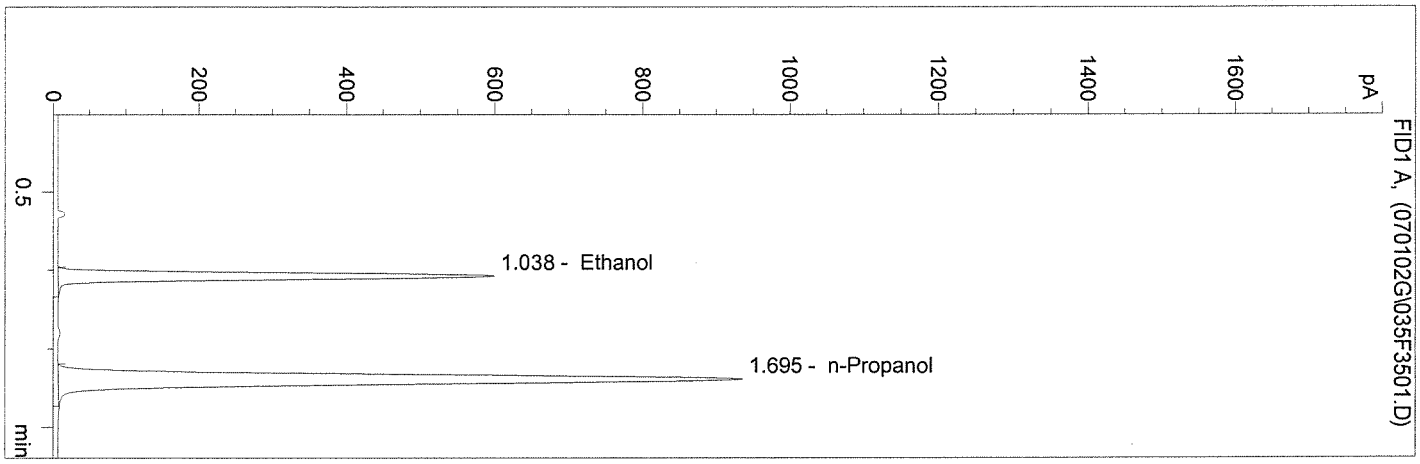
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/02 2:01:29 PM
Instrument 1
-ALC1

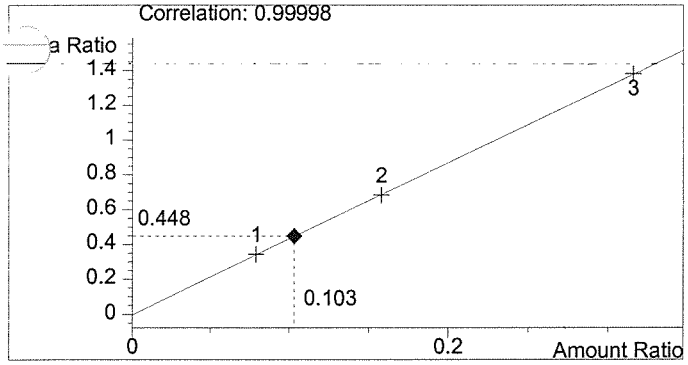
0.08 SS 02020
GENE SCHWILKE

vial # 35

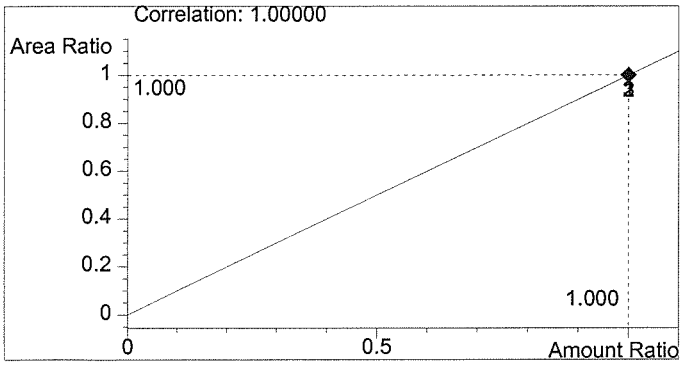


#	Compound	Area	RT
1	Ethanol	1720	1.038
2	n-Propanol	3838	1.695

Totals:



Ethanol 0.103 g/100ml



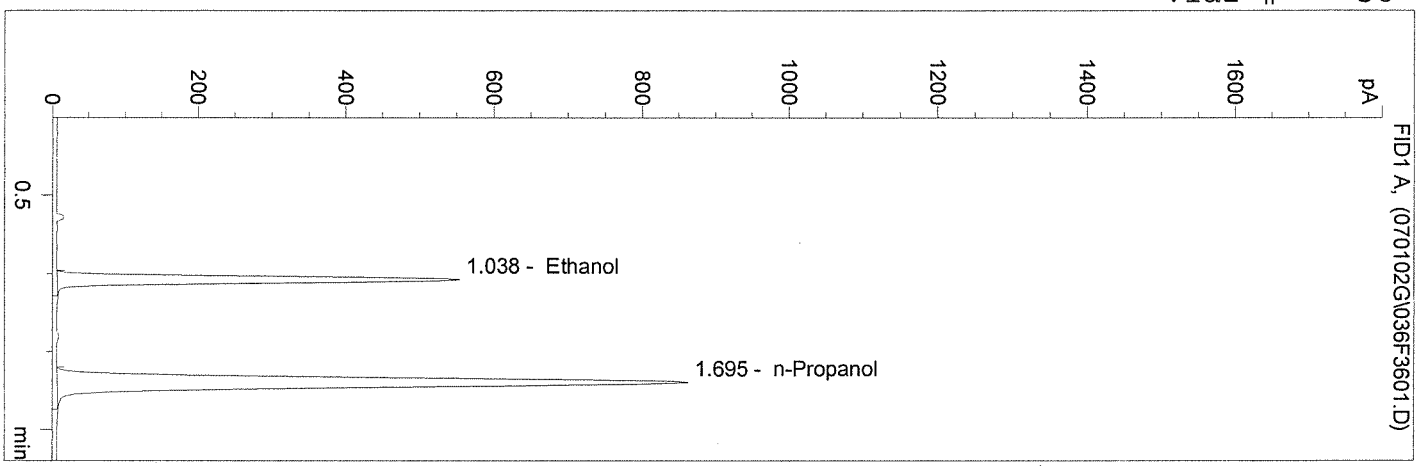
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/02 2:04:31 PM
Instrument 1
-ALC1

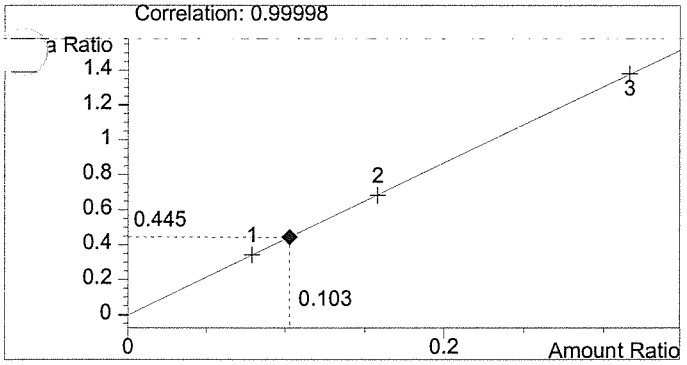
0.08 SS 02020
GENE SCHWILKE

vial # 36

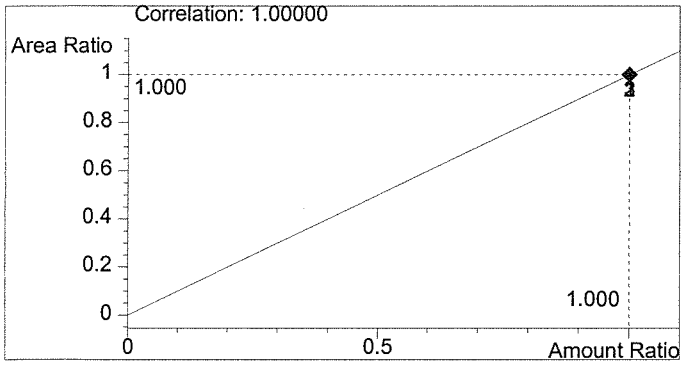


#	Compound	Area	RT
1	Ethanol	1571	1.038
2	n-Propanol	3530	1.695

Totals:



Ethanol 0.103 g/100ml

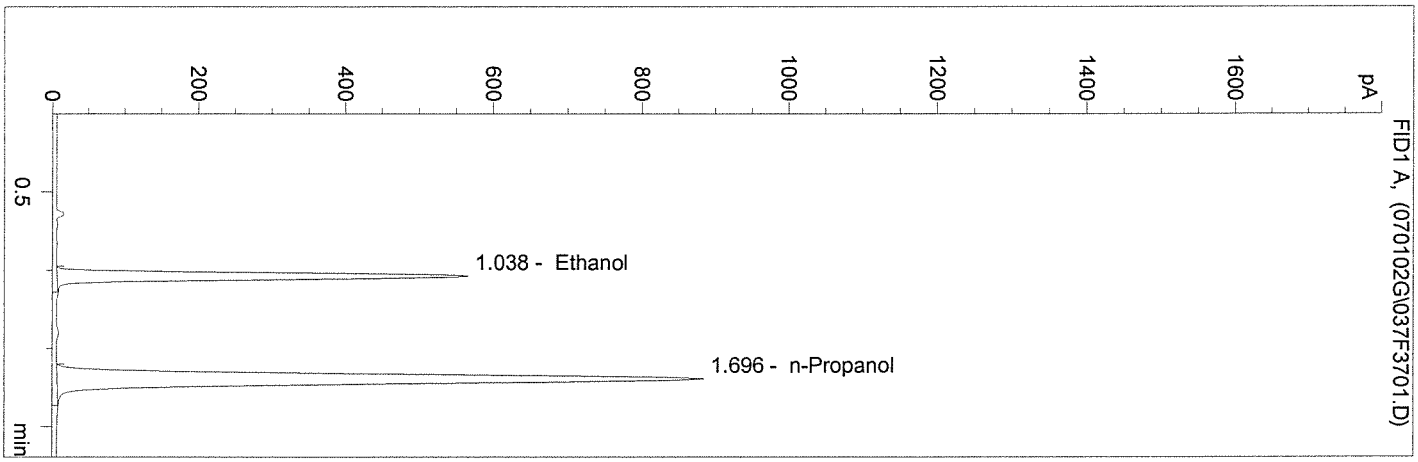


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/02 2:07:37 PM
Instrument 1
-ALC1

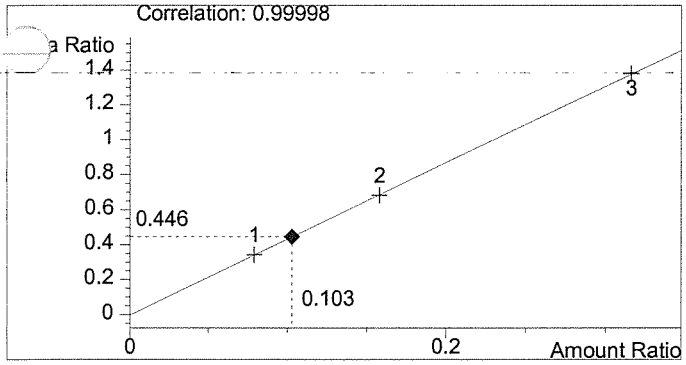
0.08 SS 02020
GENE SCHWILKE

vial # 37

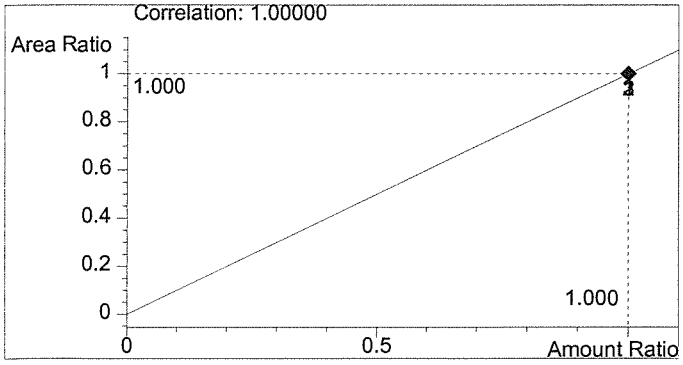


#	Compound	Area	RT
1	Ethanol	1623	1.038
2	n-Propanol	3637	1.696

Totals:



Ethanol 0.103 g/100ml



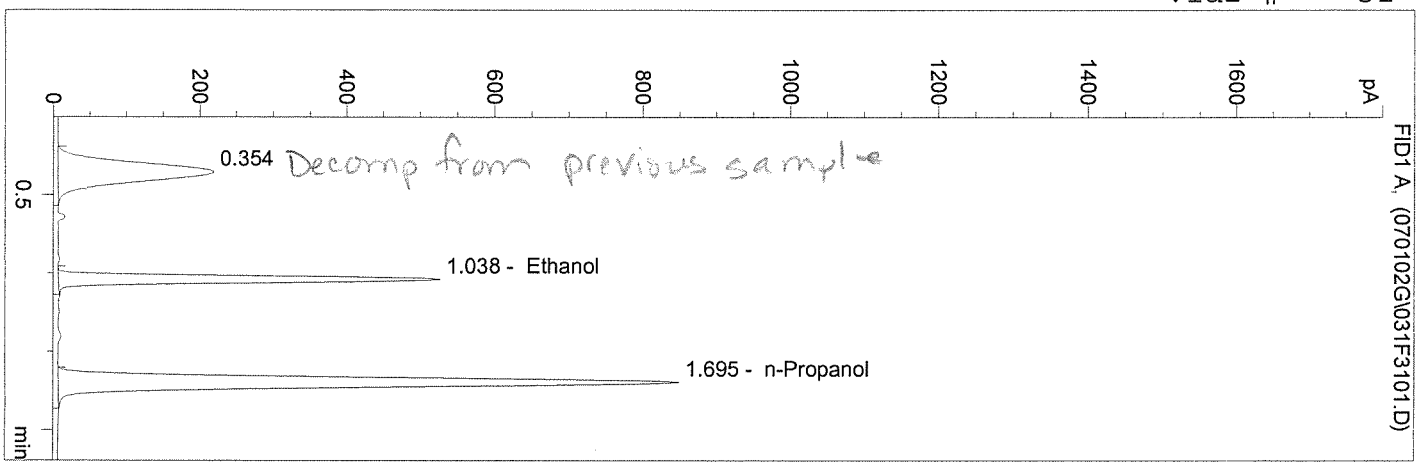
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/02 1:49:18 PM
Instrument 1
-ALC1

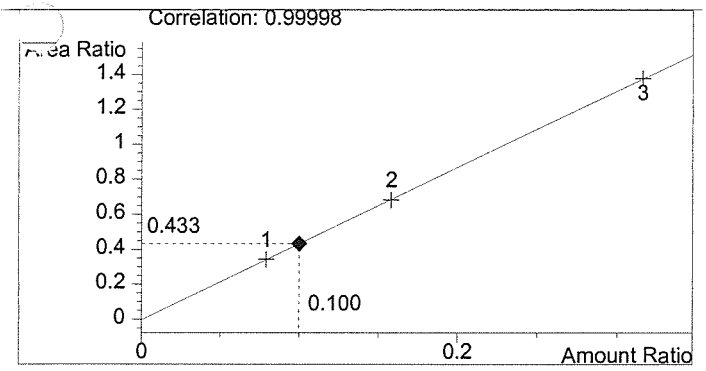
CAP 0.100
GENE SCHWILKE

vial # 31

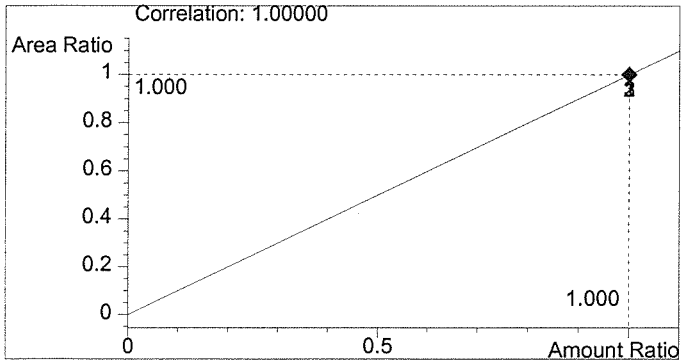


#	Compound	Area	RT
1		1707	0.354
2	Ethanol	1514	1.038
3	n-Propanol	3494	1.695

Totals:



Ethanol 0.100 g/100ml



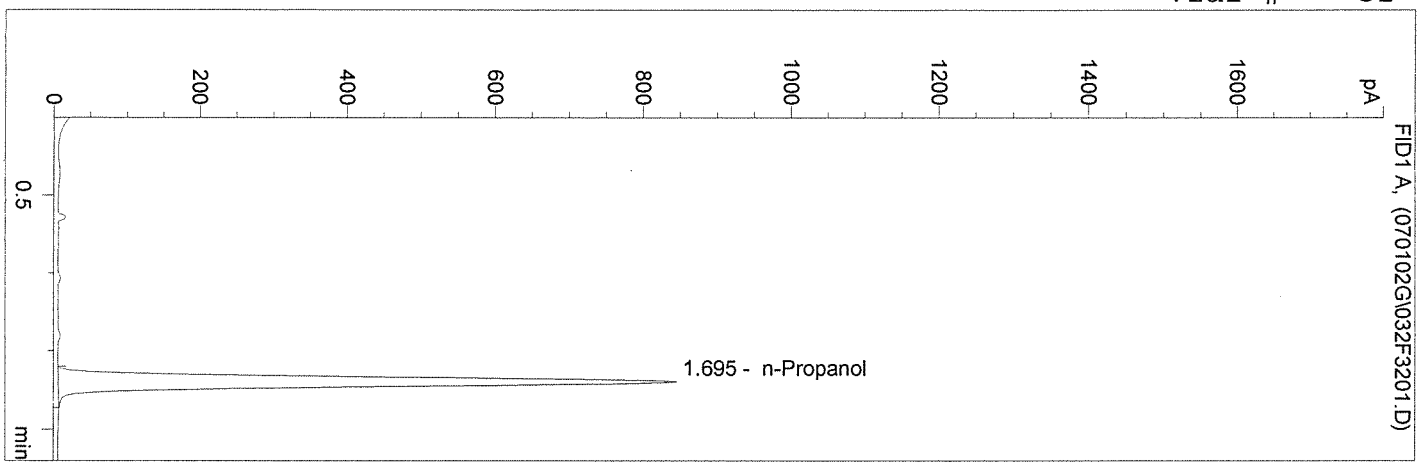
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/02 1:52:20 PM
Instrument 1
-ALC1

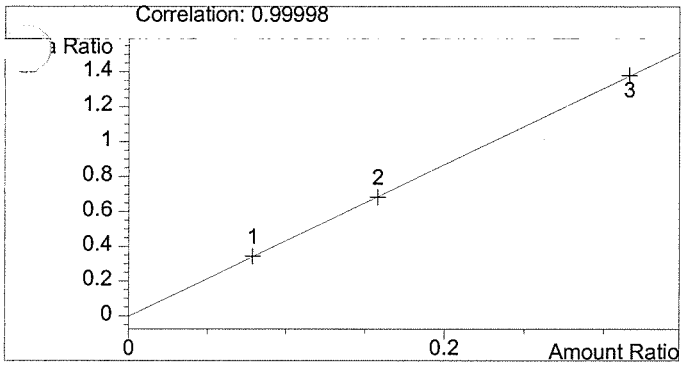
BLANK
GENE SCHWILKE

vial # 32

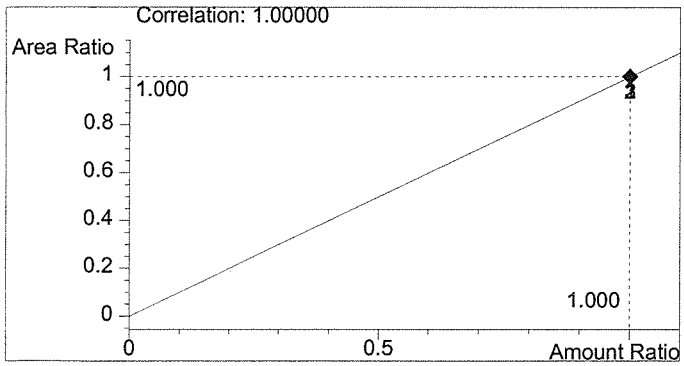


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3465	1.695

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

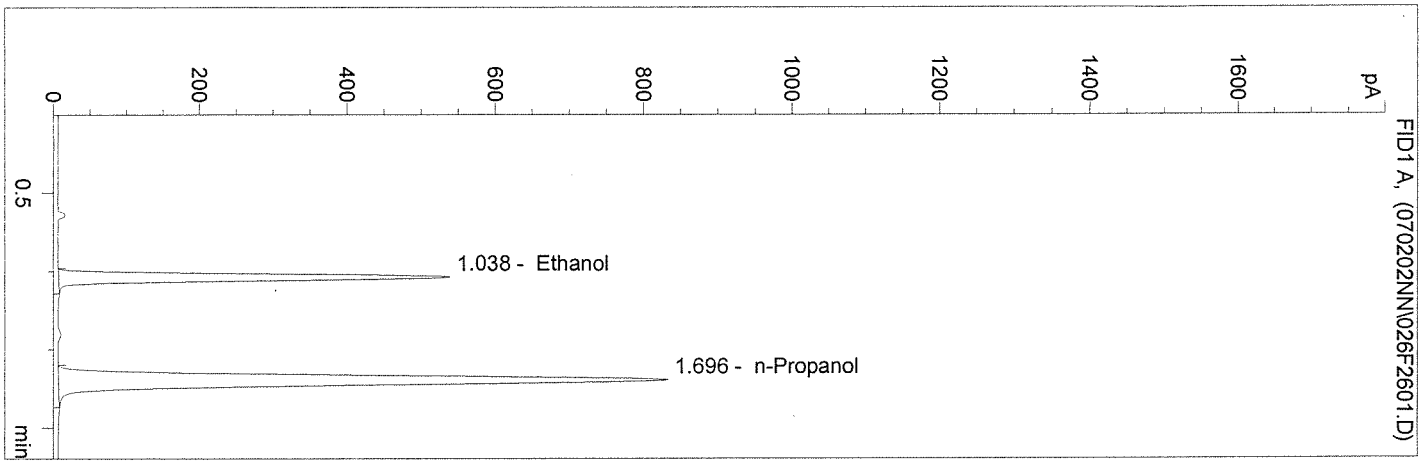
WASHINGTON STATE TOXICOLOGY LABORATORY

Calibrators & Controls in ST 023830

C:\HPCHEM\1\METHODS\BLDALCO.M
7/2/02 3:54:38 PM
Instrument 1
-ALC1

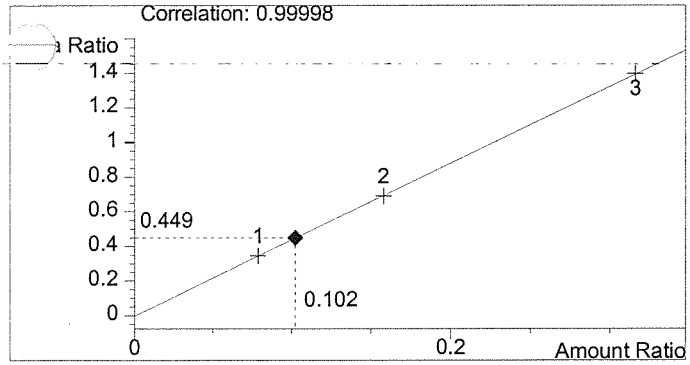
SS 02020
Naziha Nuwayhid, PhD

vial # 26

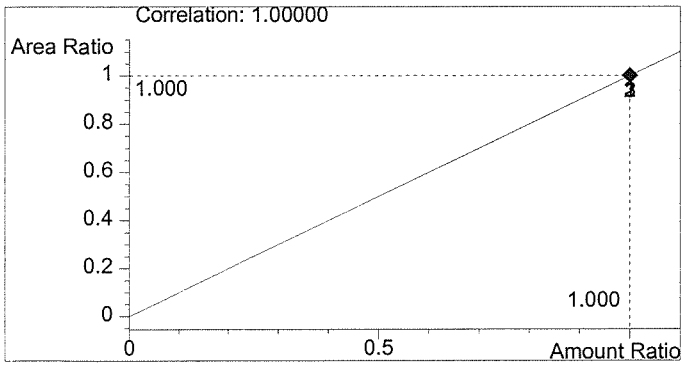


#	Compound	Area	RT
1	Ethanol	1532	1.038
2	n-Propanol	3413	1.696

Totals:



Ethanol 0.102 g/100ml



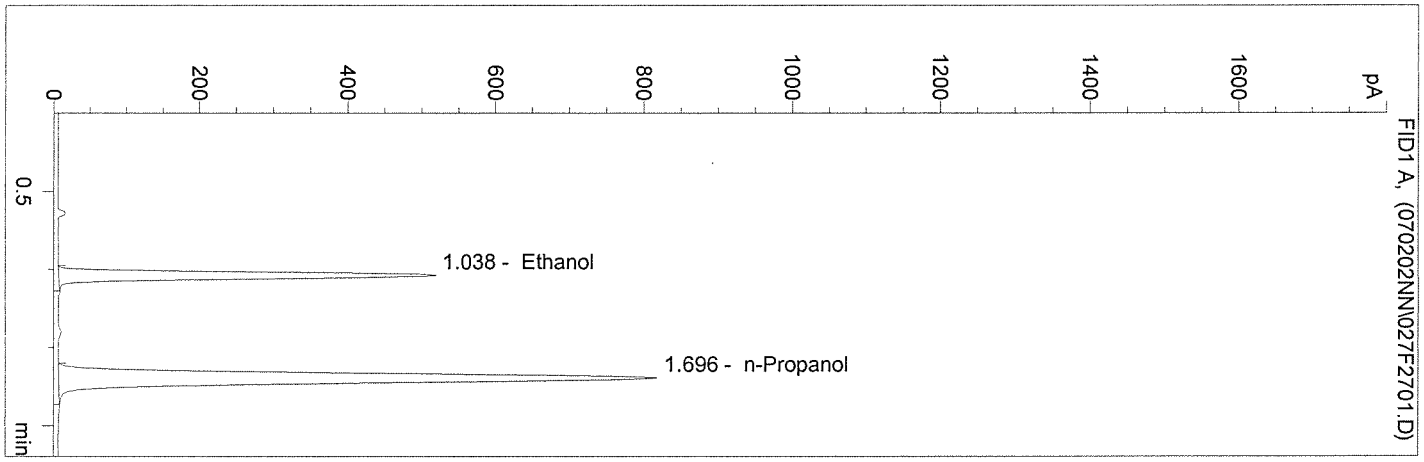
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/2/02 3:58:04 PM
Instrument 1
-ALC1

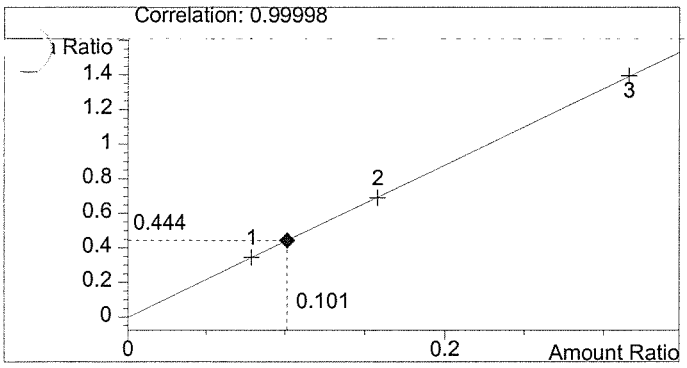
SS 02020
Naziha Nuwayhid, PhD

vial # 27

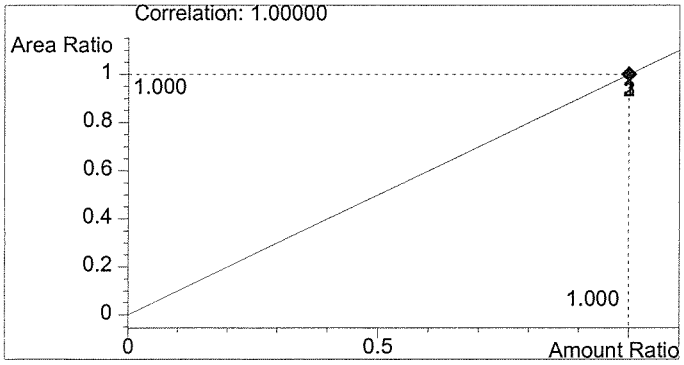


#	Compound	Area	RT
1	Ethanol	1496	1.038
2	n-Propanol	3366	1.696

Totals:



Ethanol 0.101 g/100ml



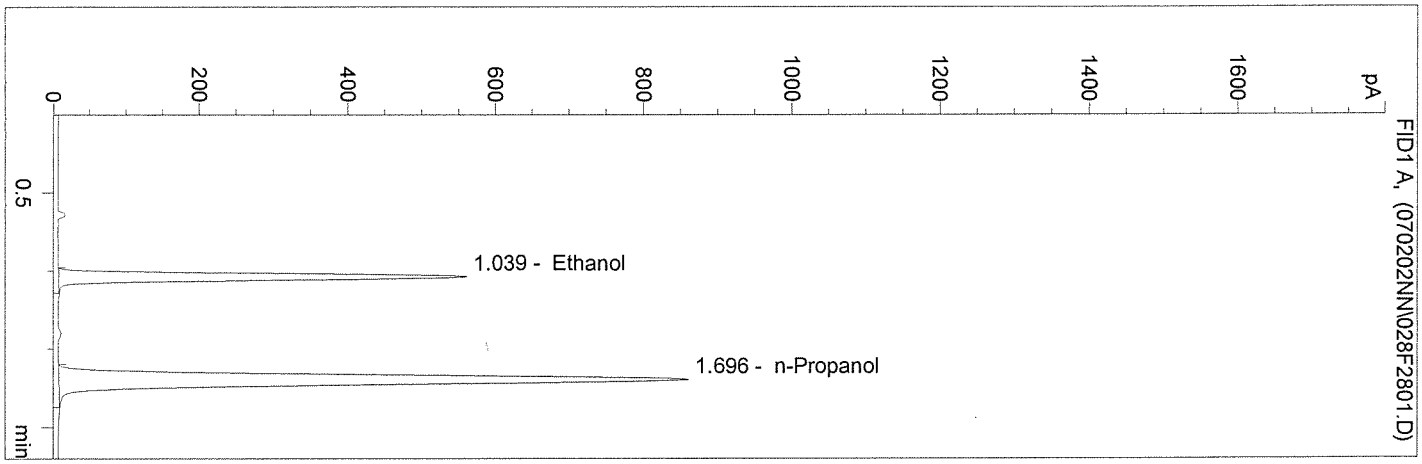
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/2/02 4:00:51 PM
Instrument 1
-ALC1

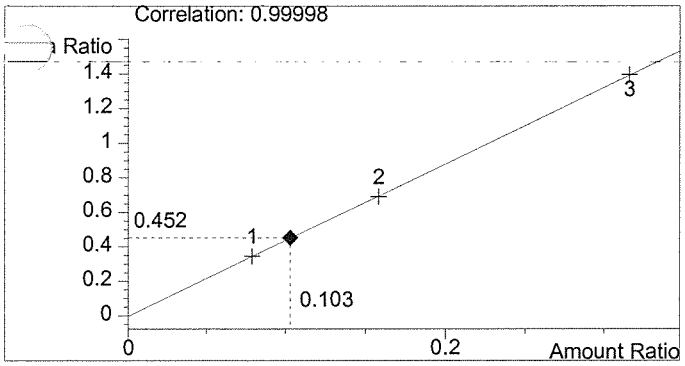
SS 02020
Naziha Nuwayhid, PhD

vial # 28

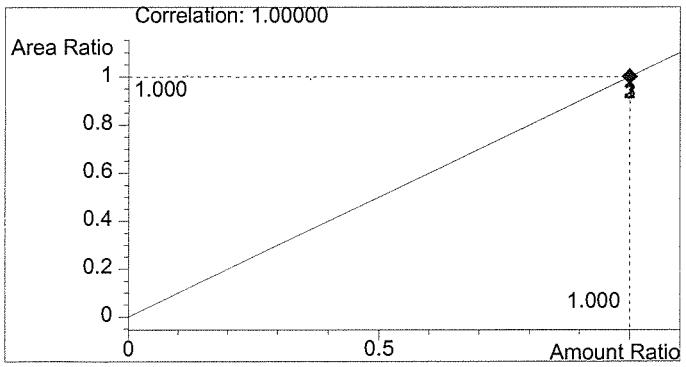


#	Compound	Area	RT
1	Ethanol	1595	1.039
2	n-Propanol	3528	1.696

Totals:



Ethanol 0.103 g/100ml



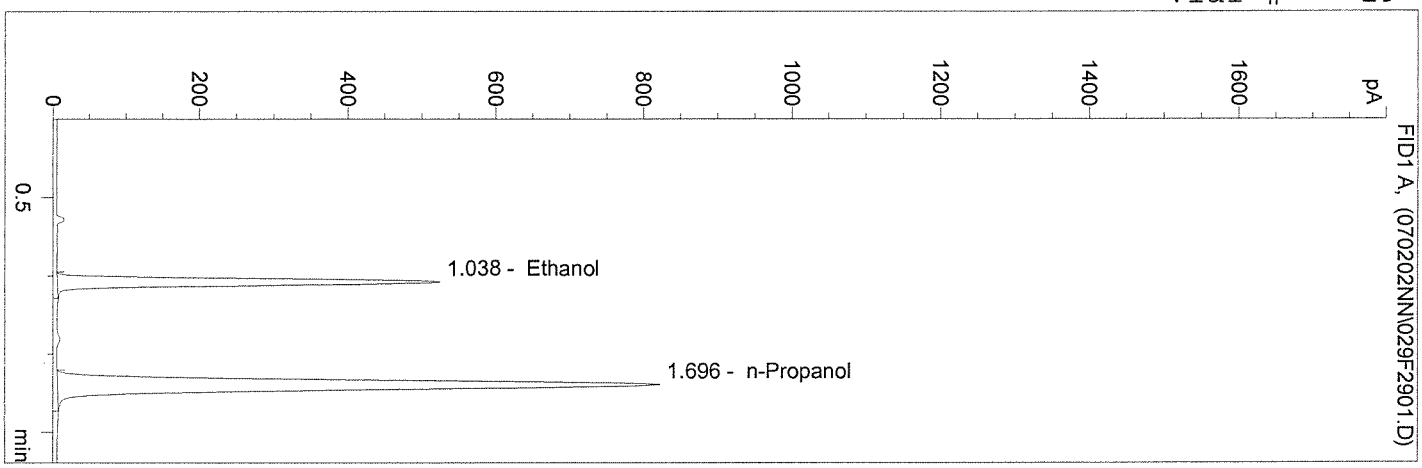
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/2/02 4:21:13 PM
Instrument 1
-ALC1

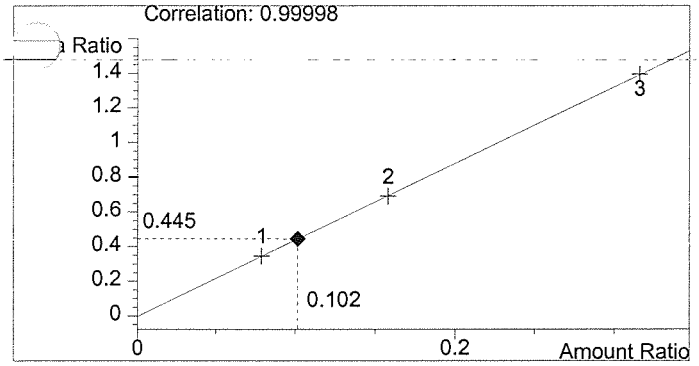
SS 02020
Naziha Nuwayhid, PhD

vial # 29

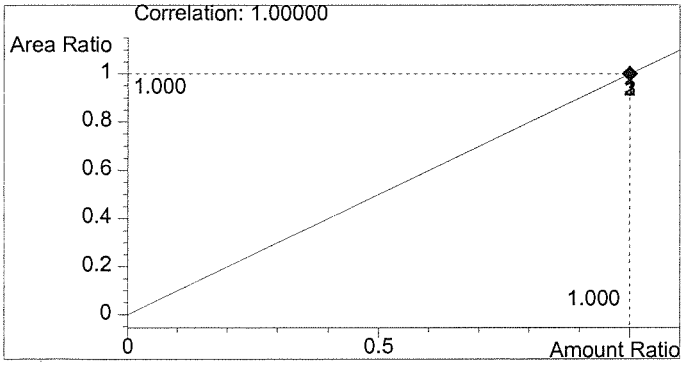


#	Compound	Area	RT
1	Ethanol	1504	1.038
2	n-Propanol	3377	1.696

Totals:



Ethanol 0.102 g/100ml



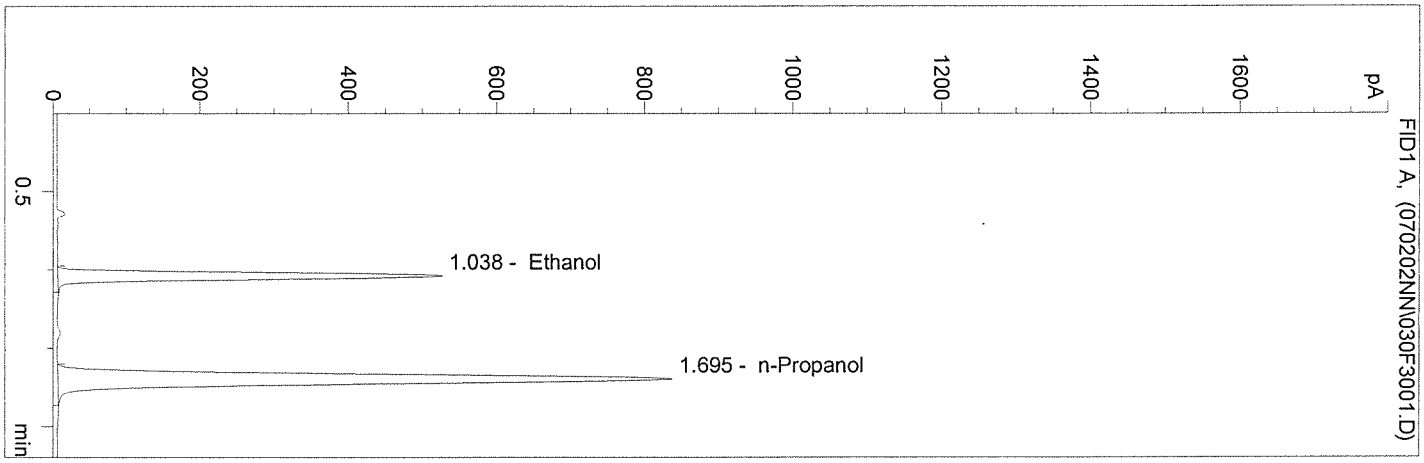
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/2/02 4:44:37 PM
Instrument 1
-ALC1

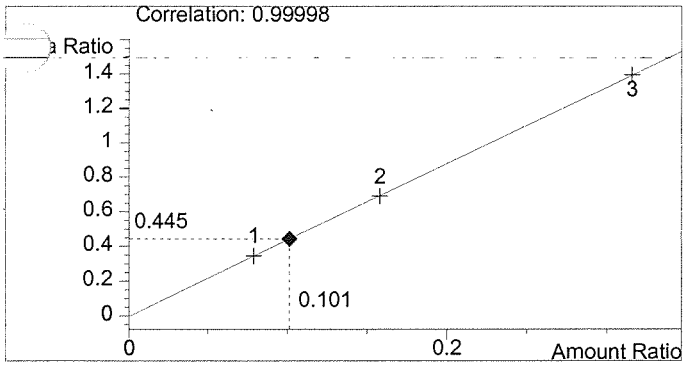
SS 02020
Naziha Nuwayhid, PhD

vial # 30

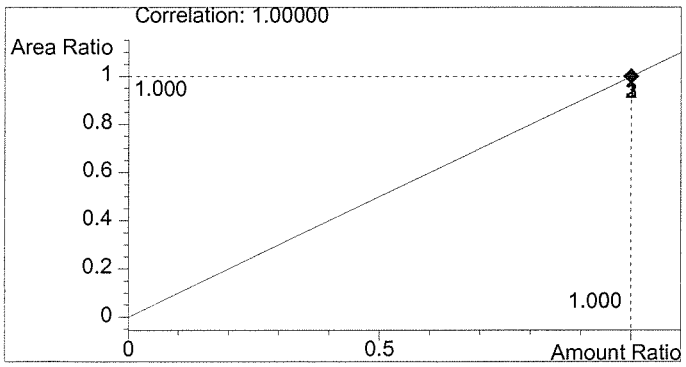


#	Compound	Area	RT
1	Ethanol	1538	1.038
2	n-Propanol	3460	1.695

Totals:



Ethanol 0.101 g/100ml



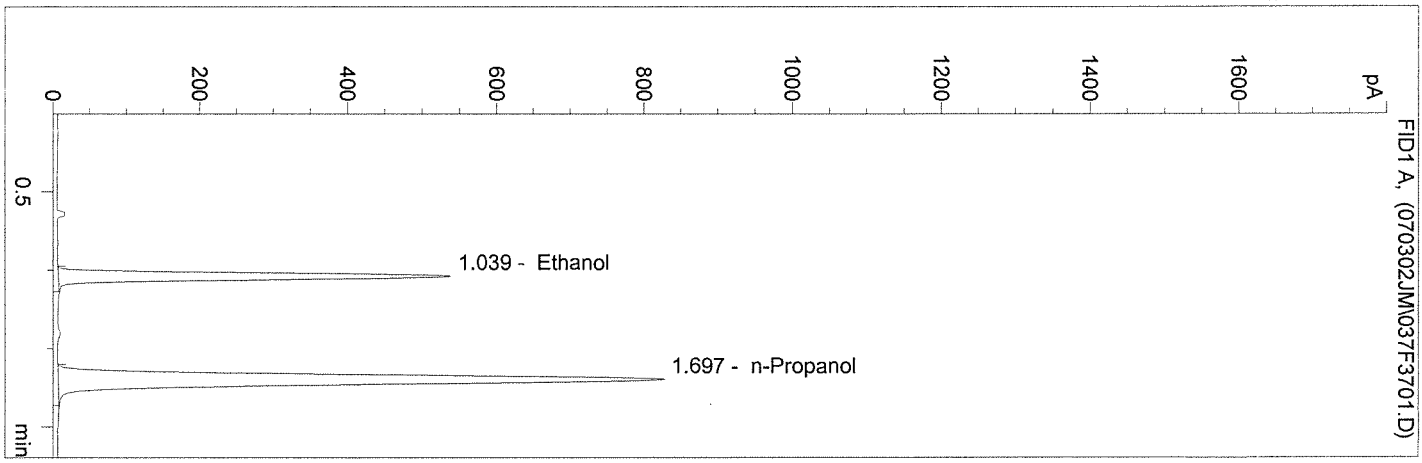
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/3/02 8:37:31 PM
Instrument 1
-ALC1

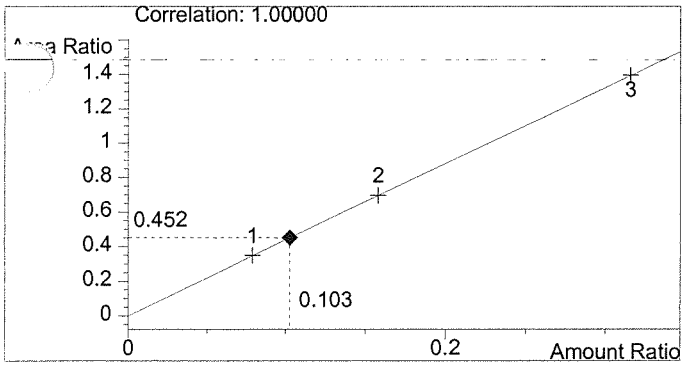
Sim. Sol. 02020
Estuardo J. Miranda

vial # 37

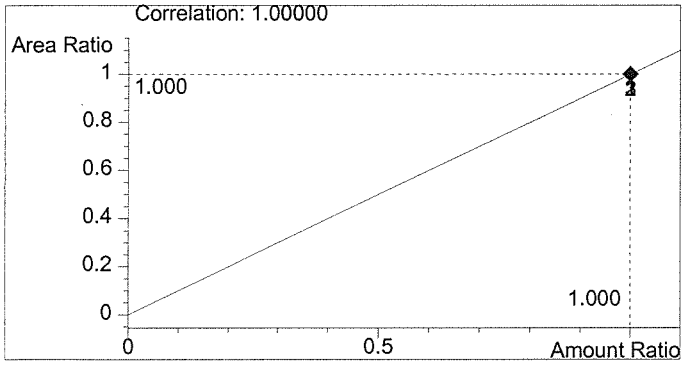


#	Compound	Area	RT
1	Ethanol	1541	1.039
2	n-Propanol	3407	1.697

Totals:



Ethanol 0.103 g/100ml



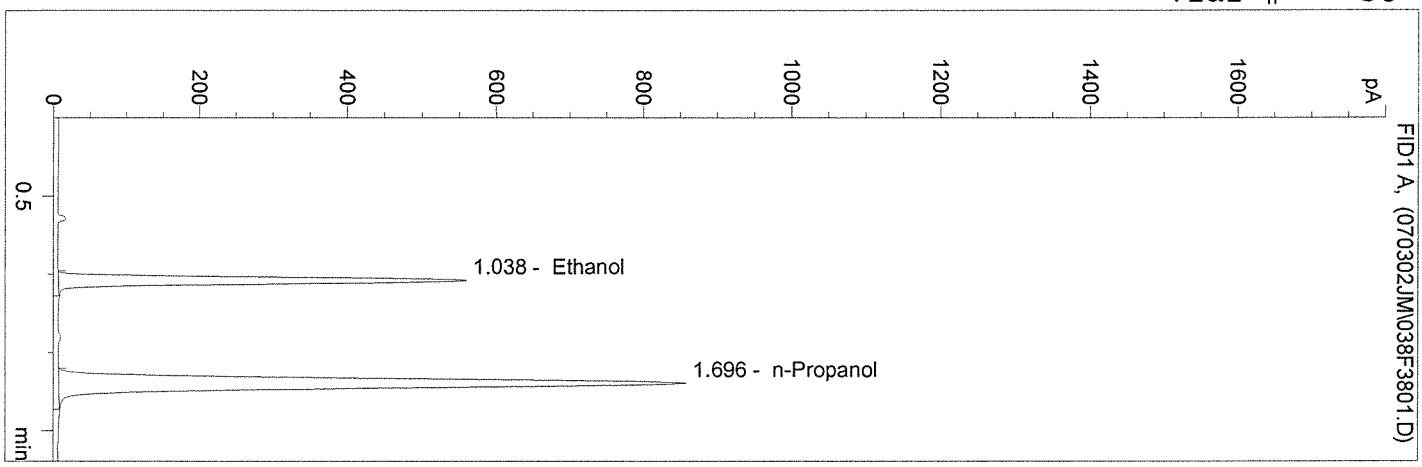
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/3/02 8:40:21 PM
Instrument 1
ALC1

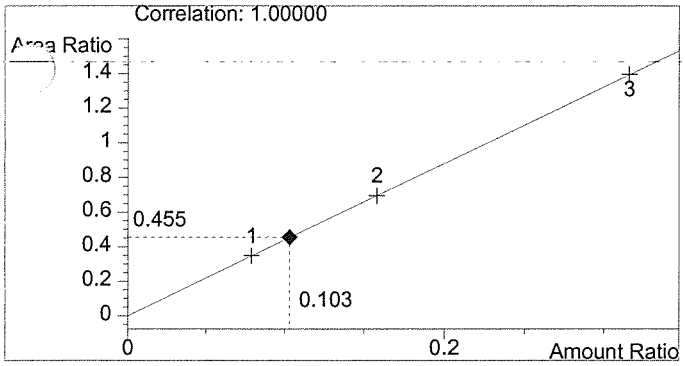
Sim. Sol. 02020
Estuardo J. Miranda

vial # 38

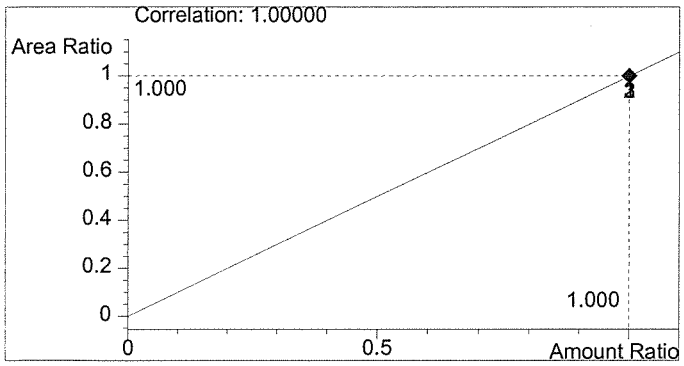


#	Compound	Area	RT
1	Ethanol	1602	1.038
2	n-Propanol	3518	1.696

Totals:



Ethanol 0.103 g/100ml



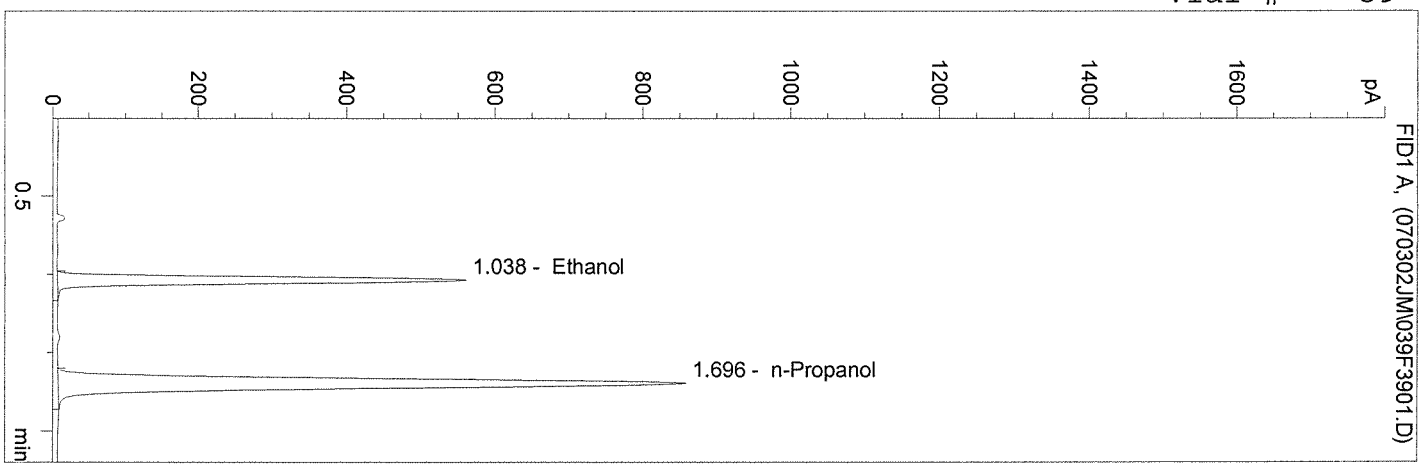
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/3/02 8:43:07 PM
Instrument 1
-ALC1

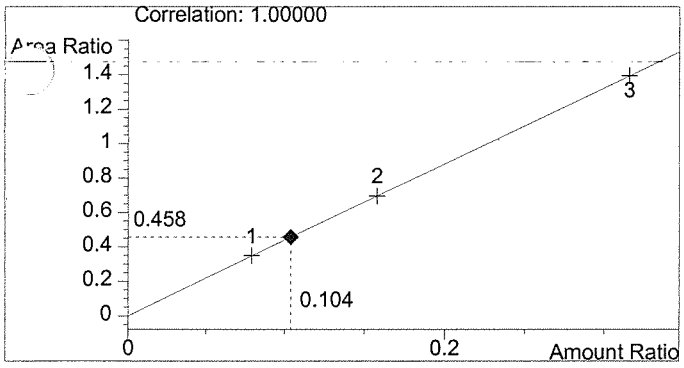
Sim. Sol. 02020
Estuardo J. Miranda

vial # 39

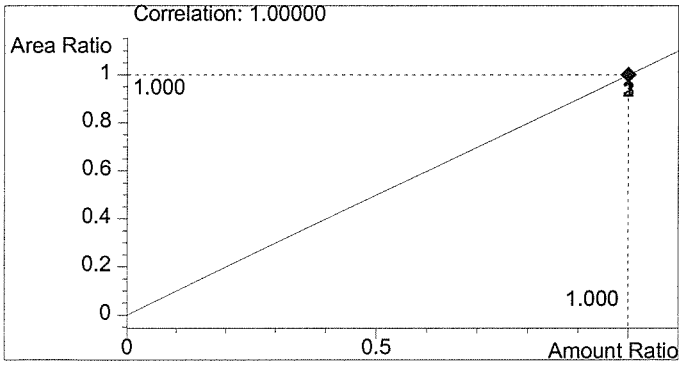


#	Compound	Area	RT
1	Ethanol	1612	1.038
2	n-Propanol	3521	1.696

Totals:



Ethanol 0.104 g/100ml



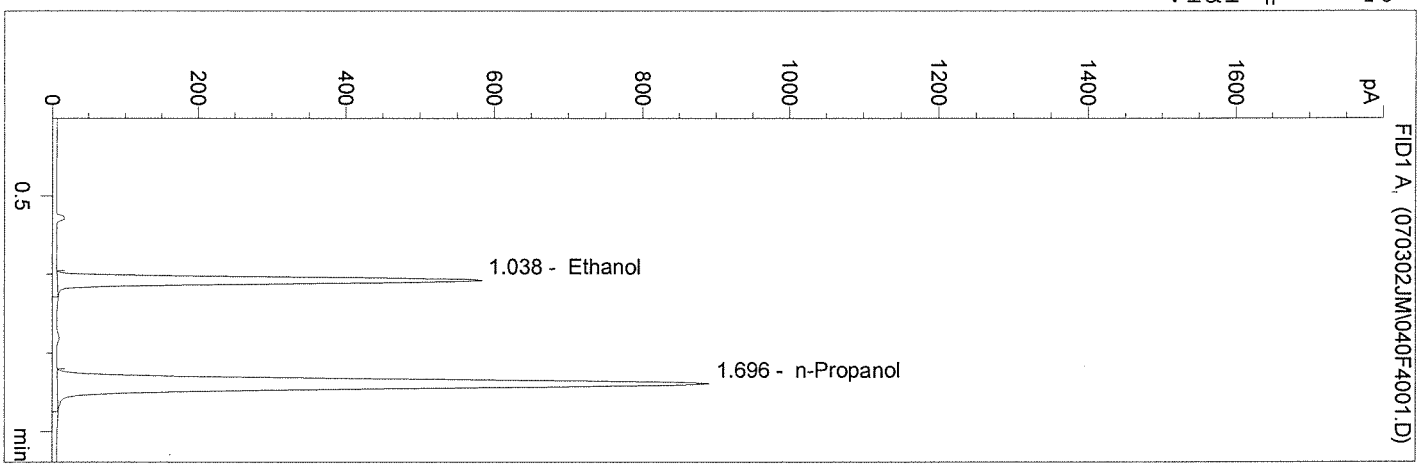
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/3/02 8:45:56 PM
Instrument 1
-ALC1

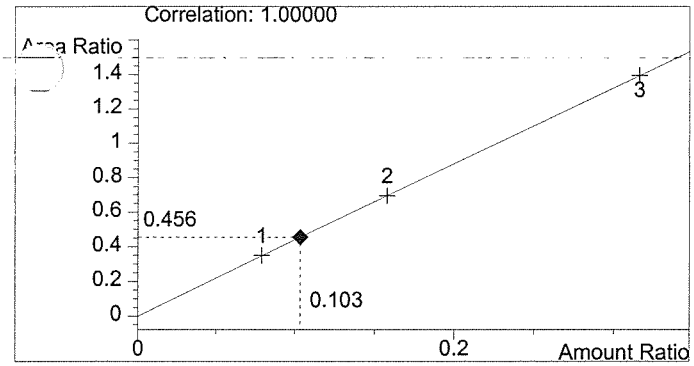
Sim. Sol. 02020
Estuardo J. Miranda

vial # 40

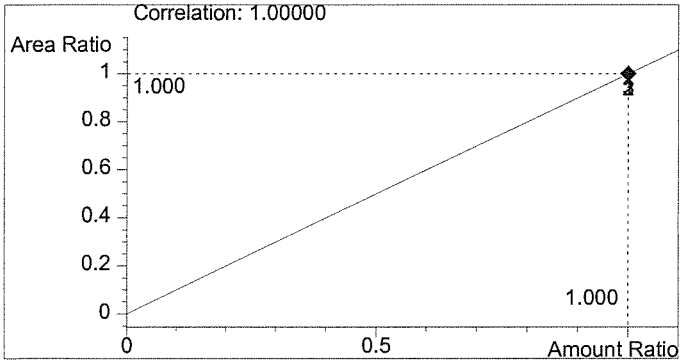


#	Compound	Area	RT
1	Ethanol	1666	1.038
2	n-Propanol	3655	1.696

Totals:



Ethanol 0.103 g/100ml



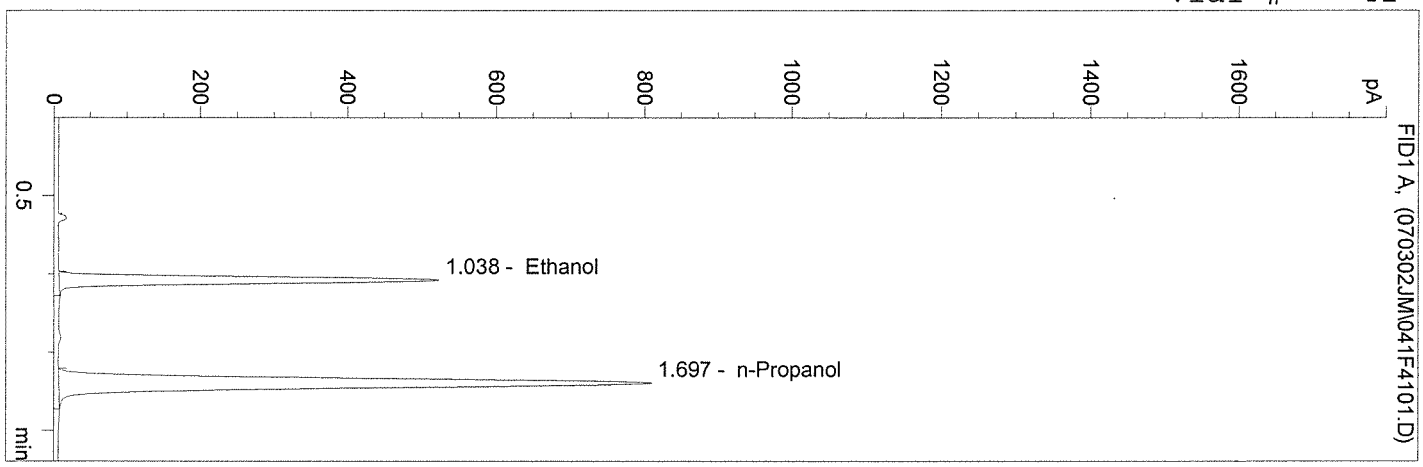
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/3/02 8:49:08 PM
Instrument 1
-ALC1

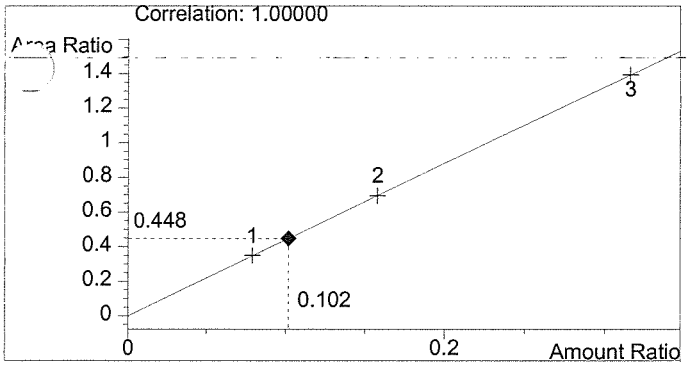
Sim. Sol. 02020
Estuardo J. Miranda

vial # 41

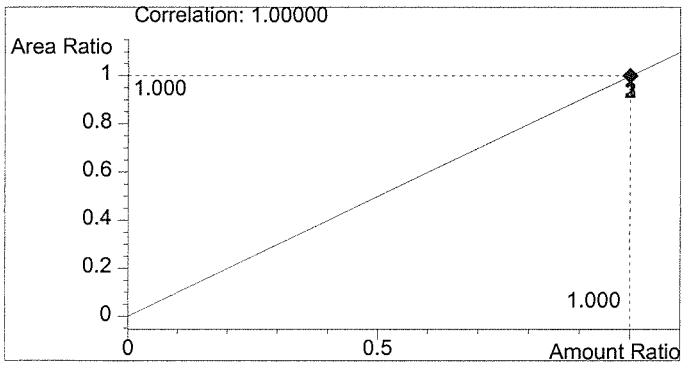


#	Compound	Area	RT
1	Ethanol	1489	1.038
2	n-Propanol	3320	1.697

Totals:



Ethanol 0.102 g/100ml



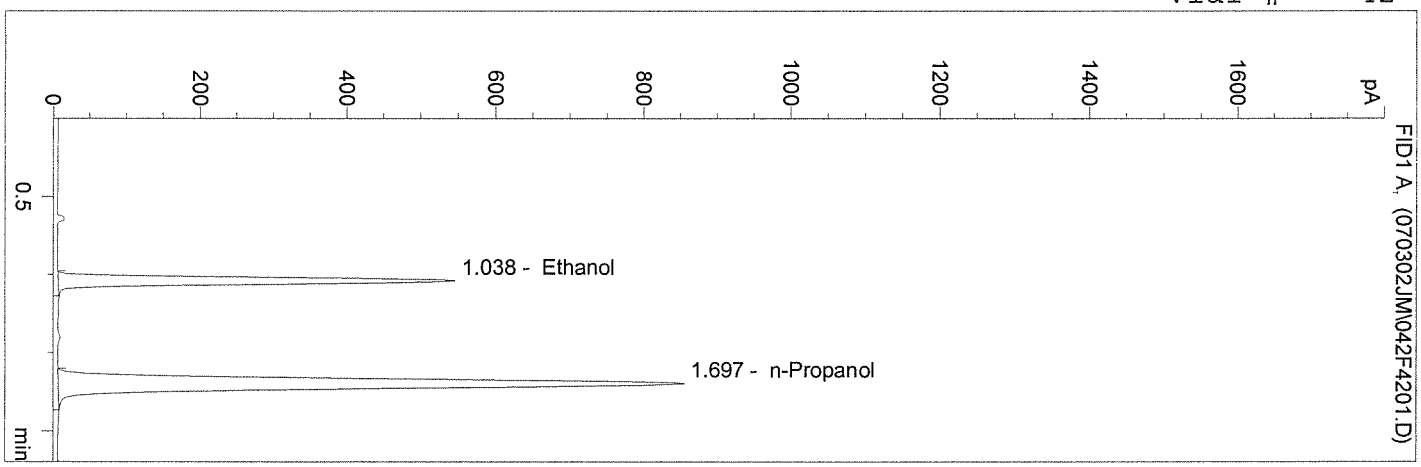
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/3/02 8:52:00 PM
Instrument 1
ALC1

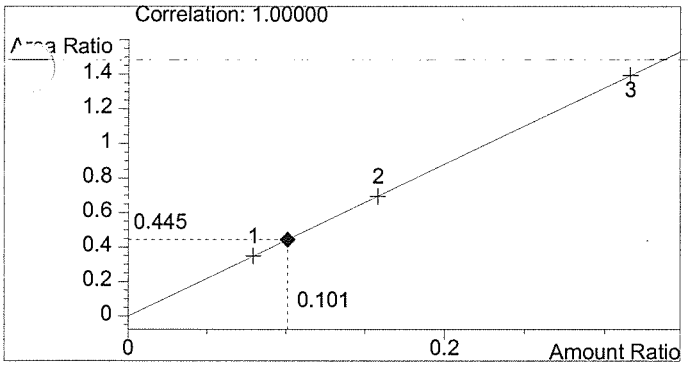
0.100 Control
Estuardo J. Miranda

vial # 42

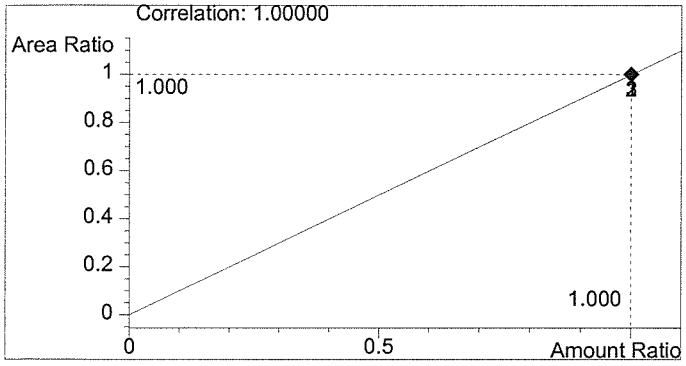


#	Compound	Area	RT
1	Ethanol	1565	1.038
2	n-Propanol	3515	1.697

Totals:



Ethanol 0.101 g/100ml



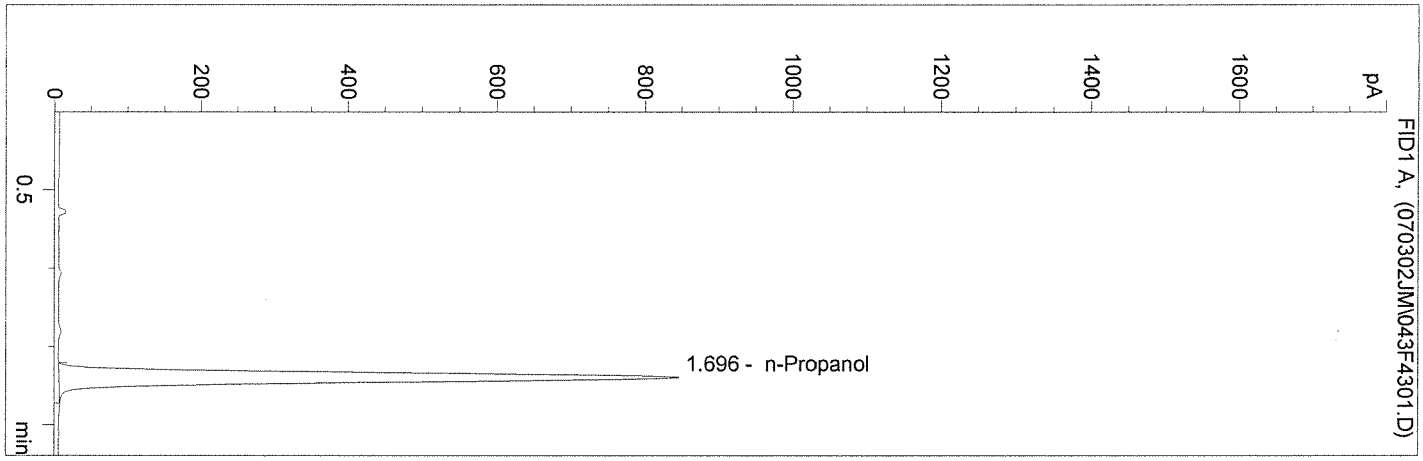
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/3/02 8:54:45 PM
Instrument 1
ALC1

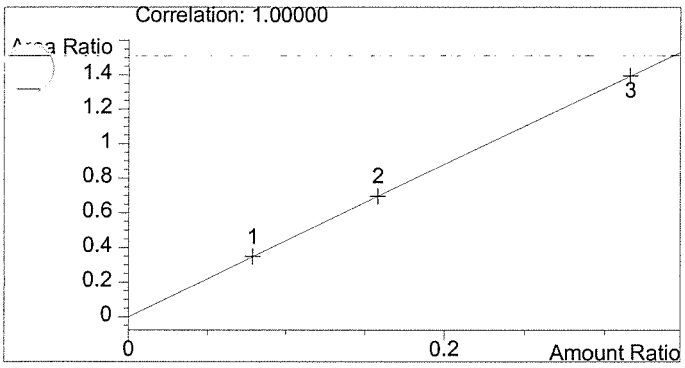
Blank
Estuardo J. Miranda

vial # 43

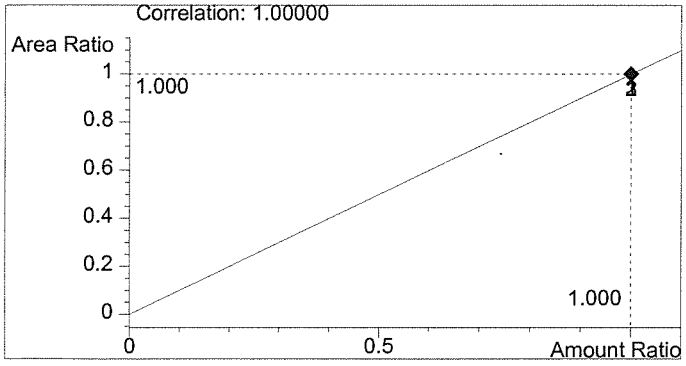


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3483	1.696

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml