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 **02001** Date: 1/28/2002

Preparation: 69.1 mL of absolute ethyl alcohol diluted to 54 Liters with water

Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.100	0.101	0.099	0.102	0.099	0.102	0.100	0.100	0.099			
2	0.102	0.099	0.100	0.102	0.101	0.102	0.100	0.099	0.098			
3	0.101	0.102	0.099	0.102	0.100	0.103	0.100	0.100	0.098			
4	0.101	0.101	0.100	0.102	0.100	0.102	0.100	0.099	0.099			
5	0.101	0.101	0.103	0.103	0.100	0.104	0.100	0.099	0.100			
Ctrl	0.102	0.100	0.101	0.102	0.100	0.103	0.101	0.100	0.099			

CAP Control:

Lot #: 8180 Exp date: 6/22/02

Target concentration: 0.101 g/100mL

Statistics:

Avg. solution concent.: 0.1006 g/100 mL

SD: 0.00142

Range (3xSD): 0.0963 to 0.1048

Precision CV (%): 1.4144 %

Equivalent vapor concent.: 0.0818 g/210L

Analyst	Name	Signature	Date
1	Egle Weiss		01/28/02
2	Edward Formoso		01/28/02
3	William P Marshall		01/29/02
4	Ruth Luthi		02/01/02
5	Melissa Pemberton		02/05/02
6	Naziha Nuwayhid, PhD		02/08/02
7	Eugene Schwilke		02/06/02
8	Ann Marie Gordon		02/08/02
9	Estuardo J. Miranda		02/11/02
10			
11			
12			

Prepared by: Egle Weiss according to the approved protocol

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Egle Weiss, do certify under penalty of perjury that:

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

I possess the following qualifications: MS degree in Chemistry and twenty-six years experience in analytical chemistry, and seventeen years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

Egle Weiss
Forensic Toxicologist

EW/nf
EWSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, William P. Marshall, do certify under penalty of perjury that:

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

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

The simulator solution, Lot Number 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/nf
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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Ruth Luthi, do certify under penalty of perjury that:

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

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

The simulator solution, Lot Number 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Melissa L. Pemberton, do certify under penalty of perjury that:

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

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

The simulator solution, Lot Number 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

Melissa L. Pemberton
Melissa L. Pemberton
Forensic Toxicologist

MP/nf
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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Naziha Nuwayhid, do certify under penalty of perjury that:

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

I possess the following qualifications: Bachelor and Masters degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and two years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The simulator solution, Lot Number 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, 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 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

Gene Schwilke

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

GS/nf
GSSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Ann Marie Gordon, do certify under penalty of perjury that:

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

I possess the following qualifications: Masters degree in Microbiology and Immunology and twelve years of experience as a forensic toxicologist.

The simulator solution, Lot Number 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/nf
AGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Estuardo J. Miranda, do certify under penalty of perjury that:

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

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

The simulator Solution, Lot Number 02001, was prepared in the Washington State Toxicology Laboratory on 1/28/02. 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 1/28/03.

Dated: 2/12/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMSIMSOL

WASHINGTON STATE TOXICOLOGY LABORATORY

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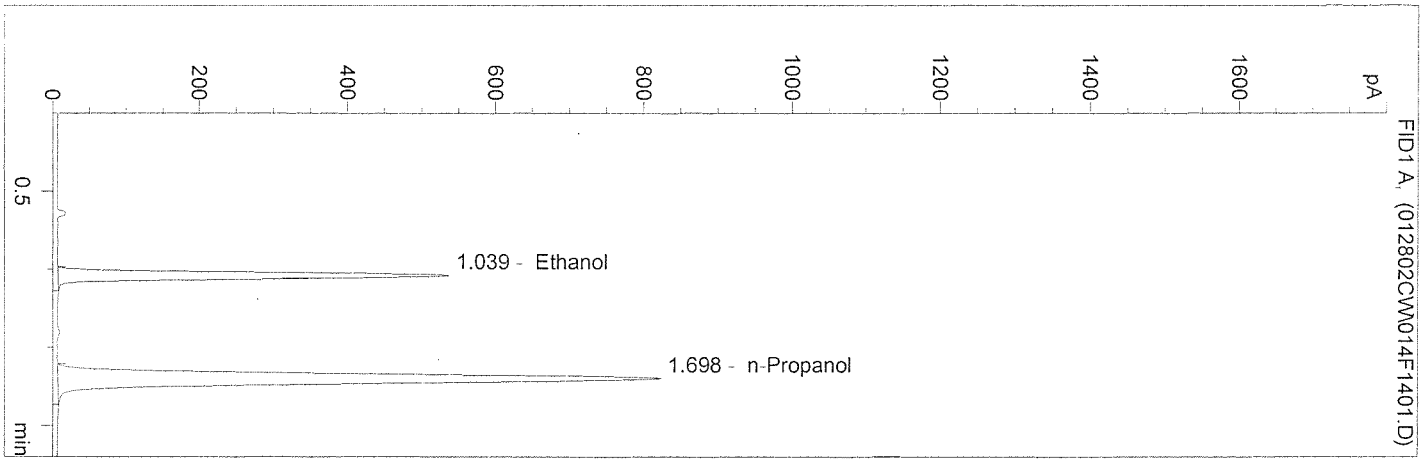
1/28/02 3:07:32 PM
Instrument 1
-ALC1

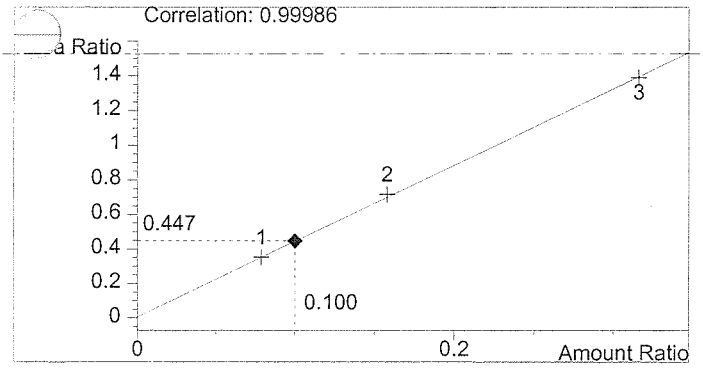
02001 SIM SOL
EGLE WEISS

vial # 14

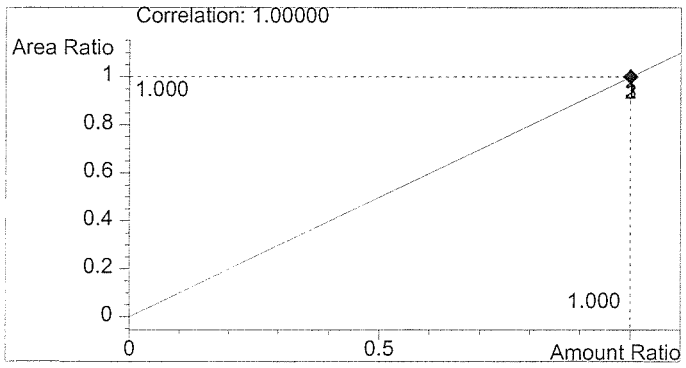


#	Compound	Area	RT
1	Ethanol	1504	1.039
2	n-Propanol	3363	1.698

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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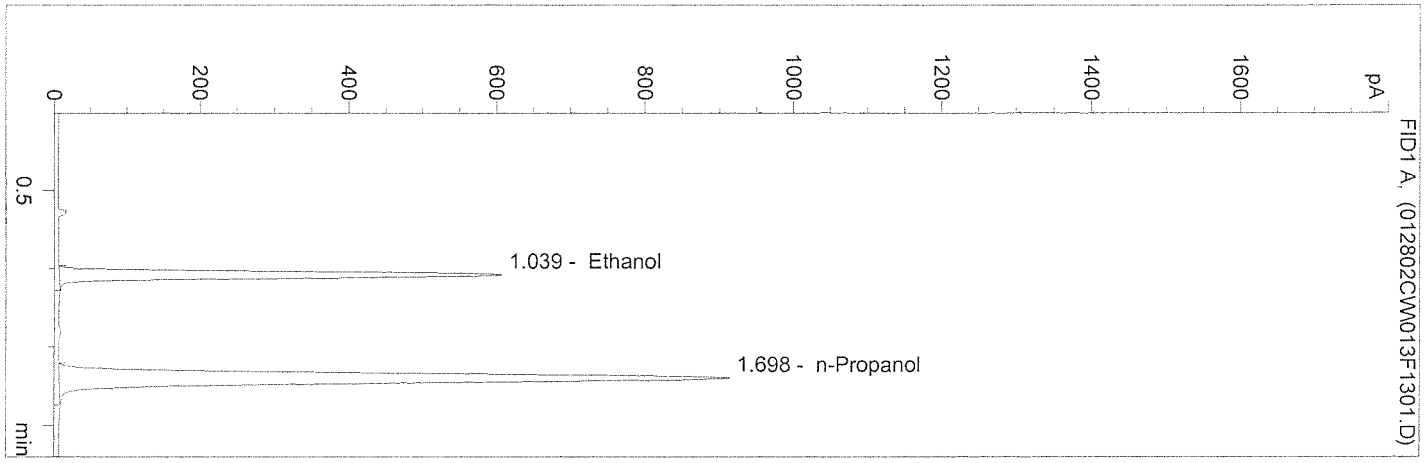
1/28/02 3:04:40 PM
Instrument 1
-ALC1

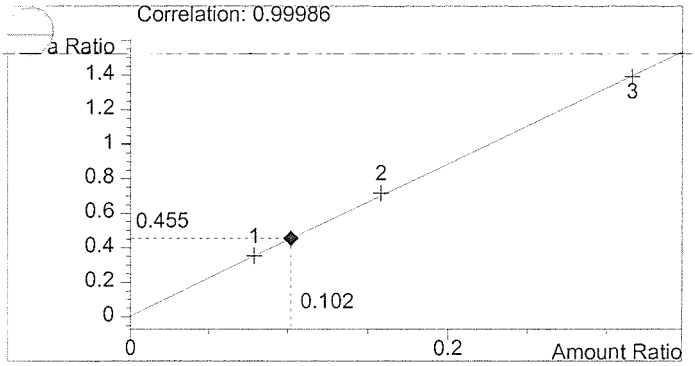
02001 SIM SOL
EGLE WEISS

vial # 13

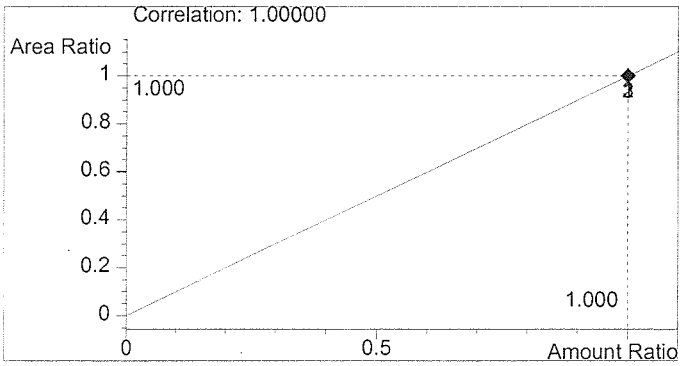


#	Compound	Area	RT
1	Ethanol	1698	1.039
2	n-Propanol	3729	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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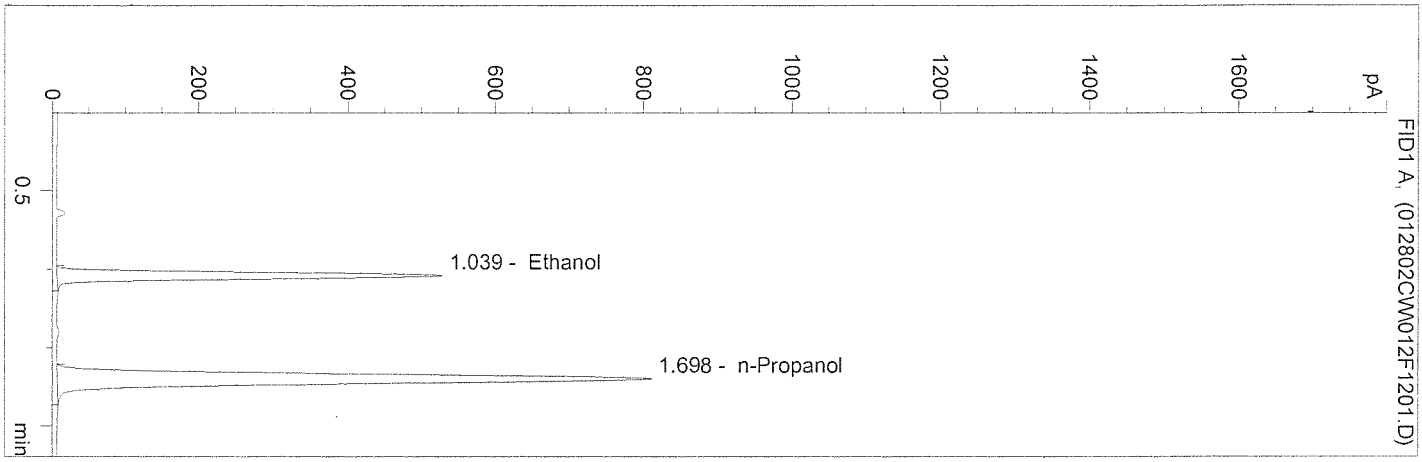
1/28/02 3:01:21 PM
Instrument 1
-ALC1

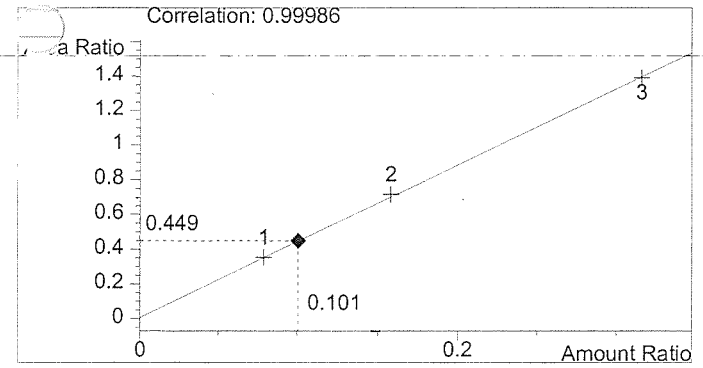
02001 SIM SOL
EGLE WEISS

vial # 12

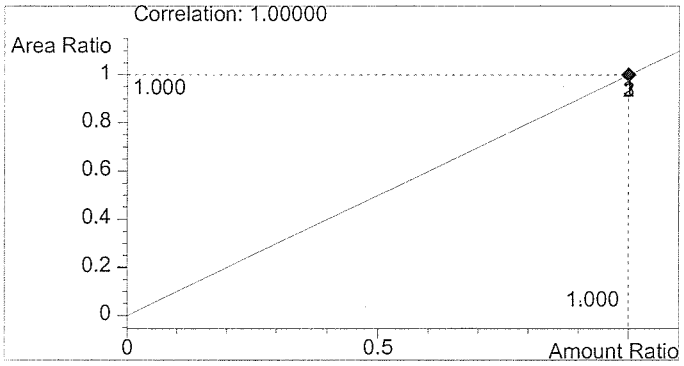


#	Compound	Area	RT
1	Ethanol	1482	1.039
2	n-Propanol	3301	1.698

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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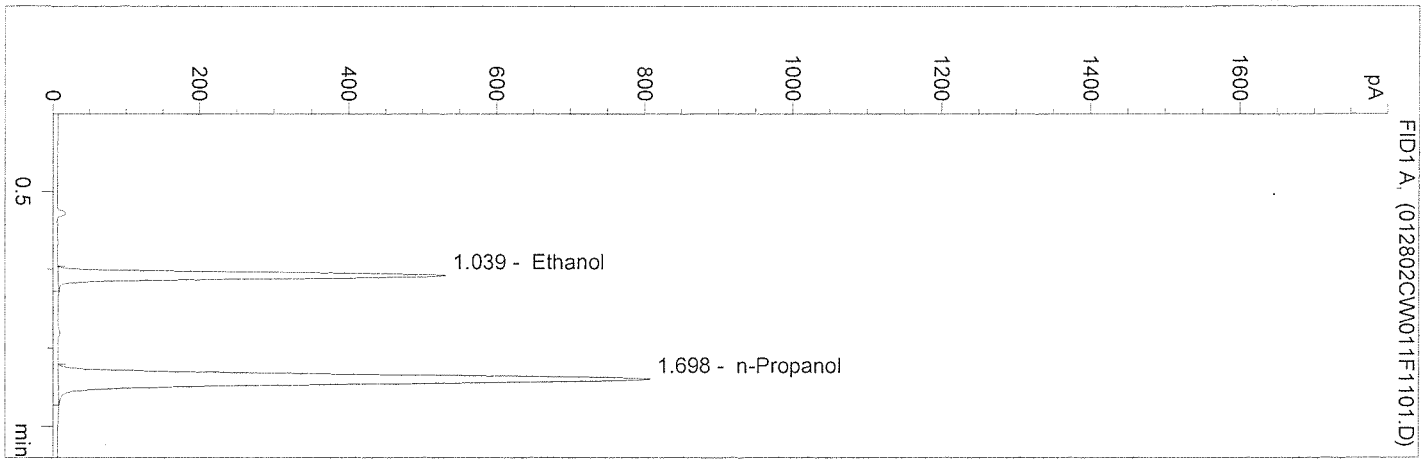
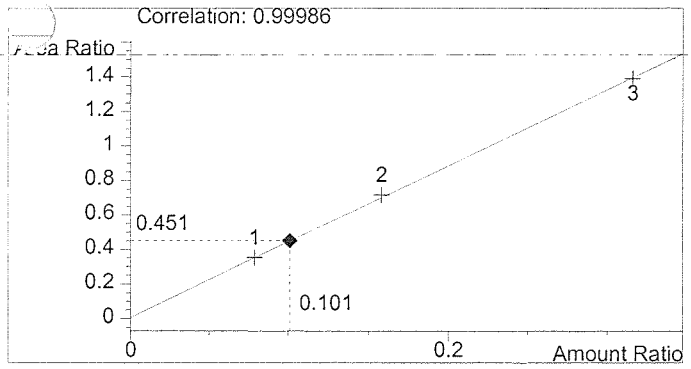
1/28/02 2:58:37 PM
Instrument 1
LB-ALC1

02001 SIM SOL
EGLE WEISS

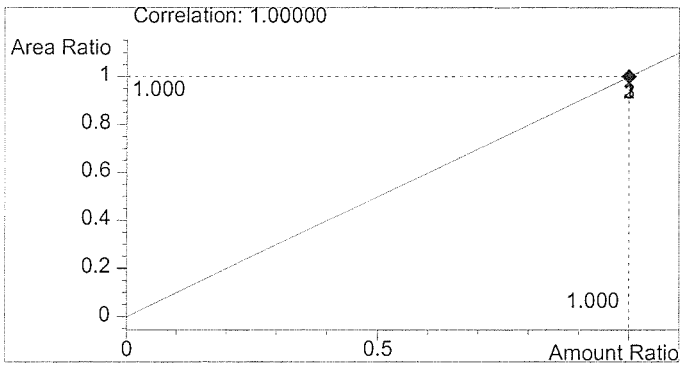
vial # 11



#	Compound	Area	RT
1	Ethanol	1487	1.039
2	n-Propanol	3299	1.698
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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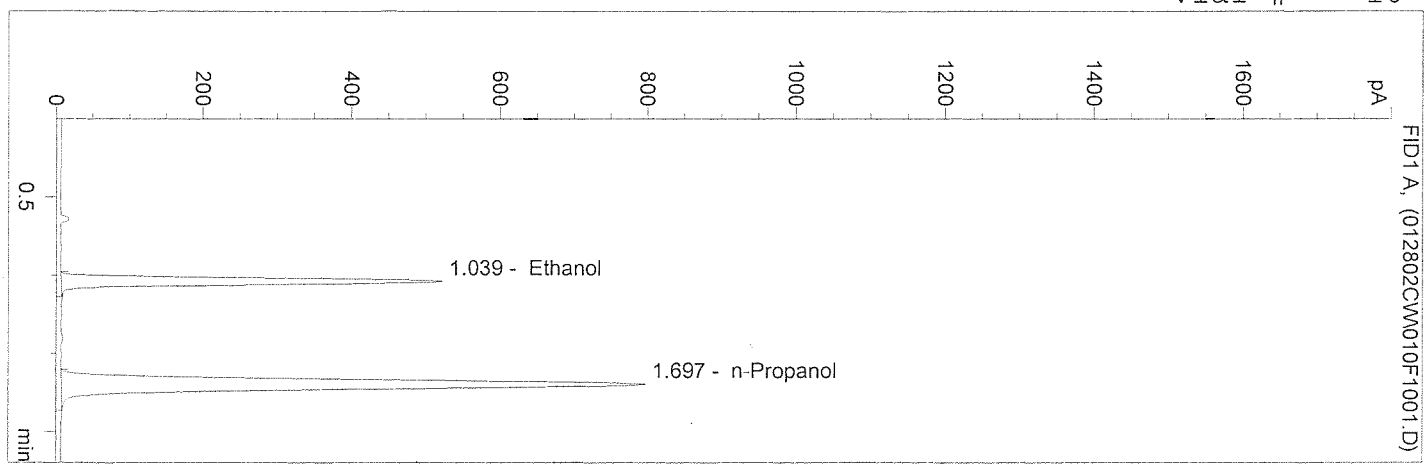
1/28/02 2:55:53 PM
Instrument 1
DB-ALC1

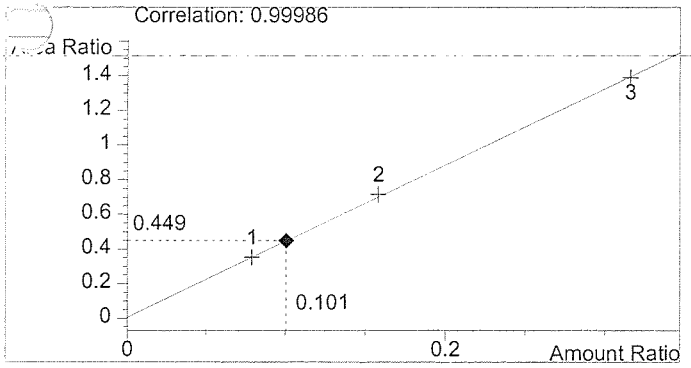
02001 SIM SOL
EGLE WEISS

vial # 10

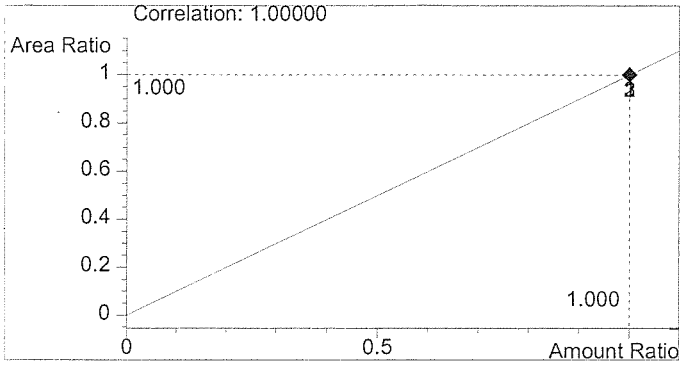


#	Compound	Area	RT
1	Ethanol	1461	1.039
2	n-Propanol	3253	1.697

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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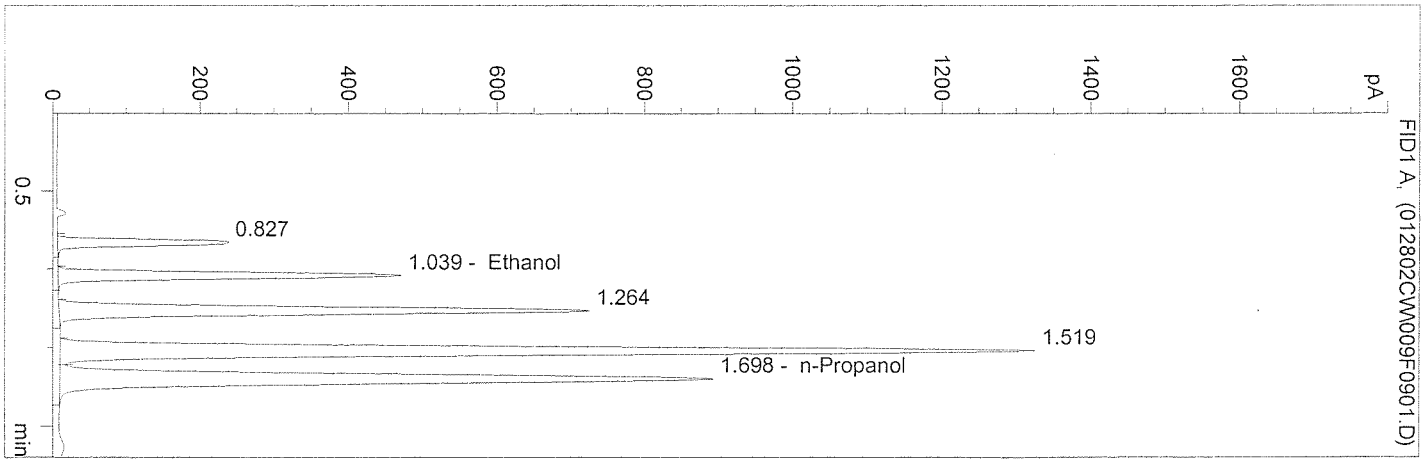
Instrument 1
BD-ALC1

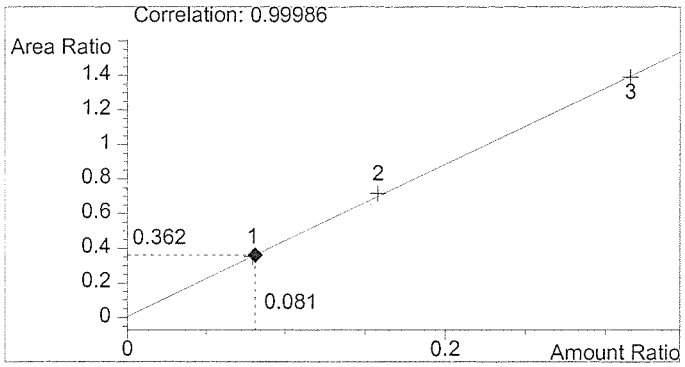
0.08 MIX
EGLE WEISS

vial # 9

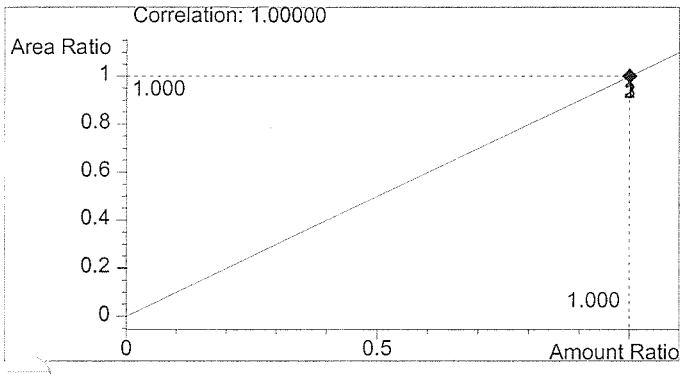


#	Compound	Area	RT
1		656	0.827
2	Ethanol	1312	1.039
3		2358	1.264
4		4732	1.519
5	n-Propanol	3620	1.698

Totals:



Ethanol 0.081 g/100ml



n-Propanol 1.000 g/100ml

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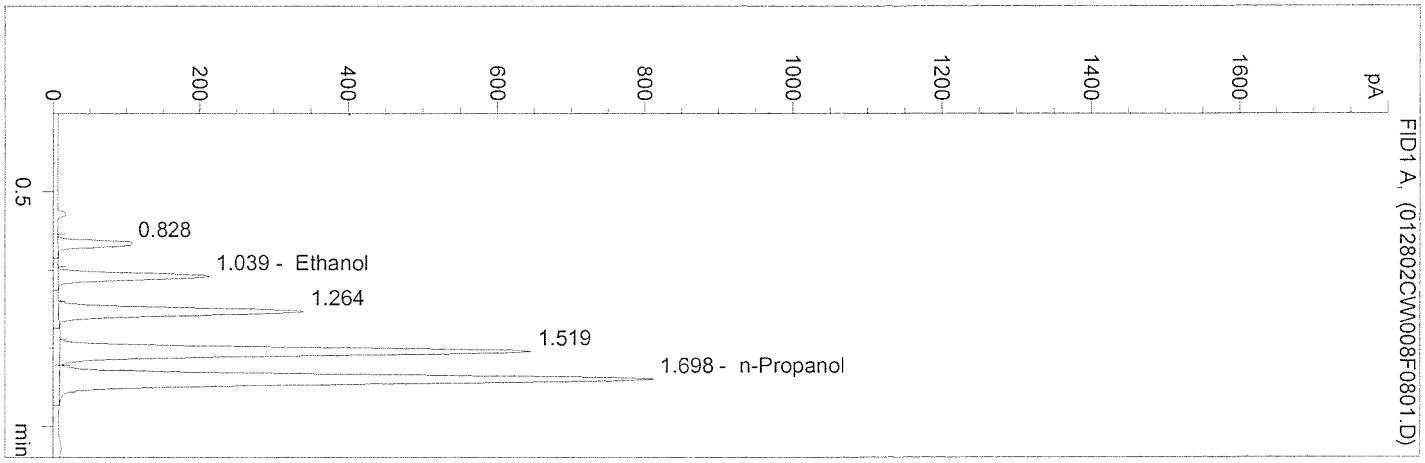
Instrument 1
LB-ALC1

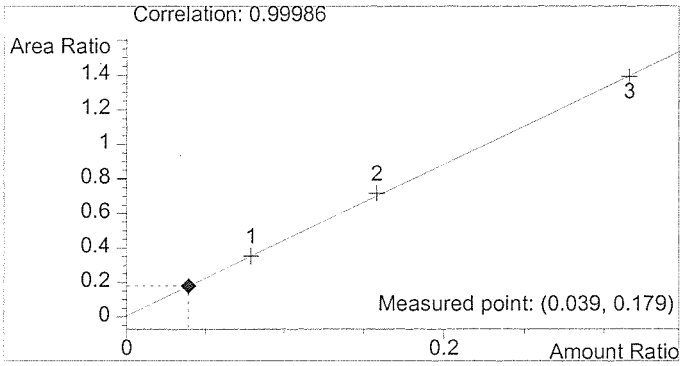
0.04 MIX
EGLE WEISS

vial # 8

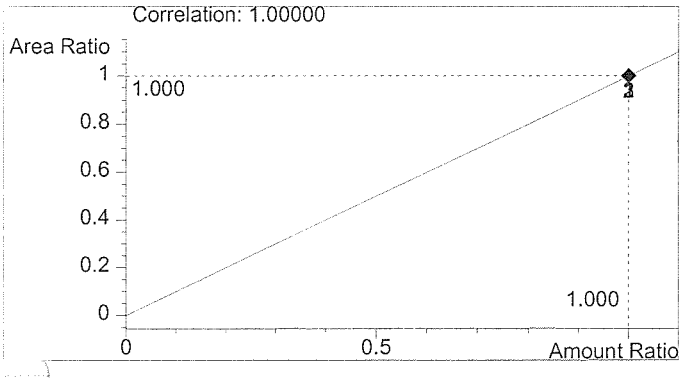


#	Compound	Area	RT
1		290	0.828
2	Ethanol	594	1.039
3		1104	1.264
4		2302	1.519
5	n-Propanol	3310	1.698

Totals:



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

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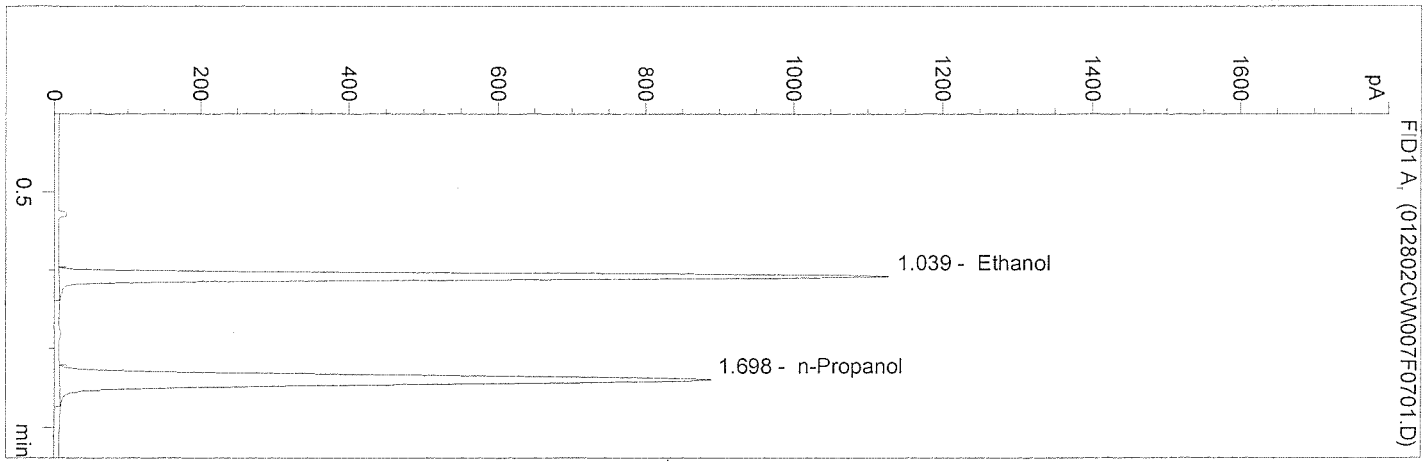
1/28/02 2:46:52 PM
Instrument 1
DB-ALC1

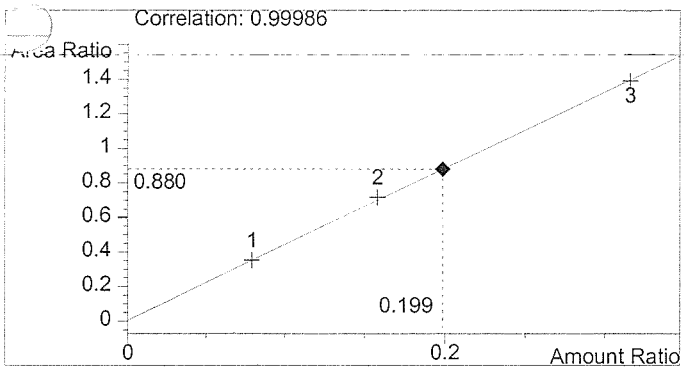
0.197 CONTROL
EGLE WEISS

vial # 7

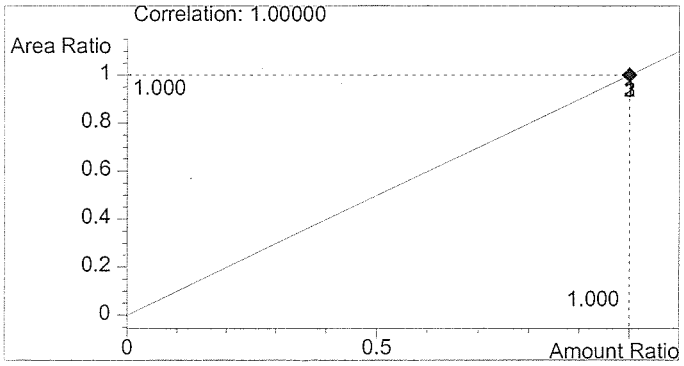


#	Compound	Area	RT
1	Ethanol	3192	1.039
2	n-Propanol	3626	1.698

Totals:



Ethanol 0.199 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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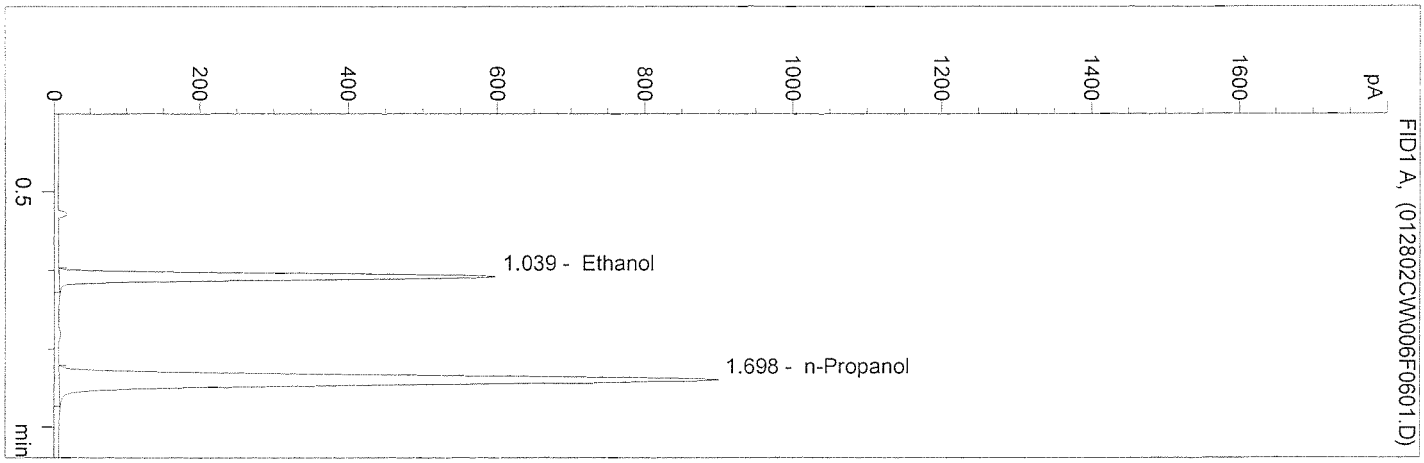
1/28/02 2:44:13 PM
Instrument 1
DB-ALC1

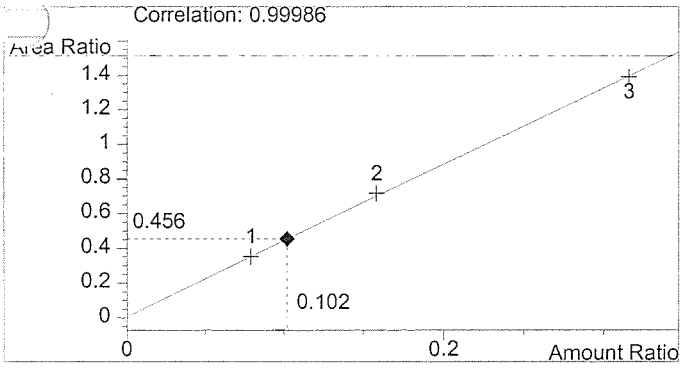
0.101 CONTROL
EGLE WEISS

vial # 6

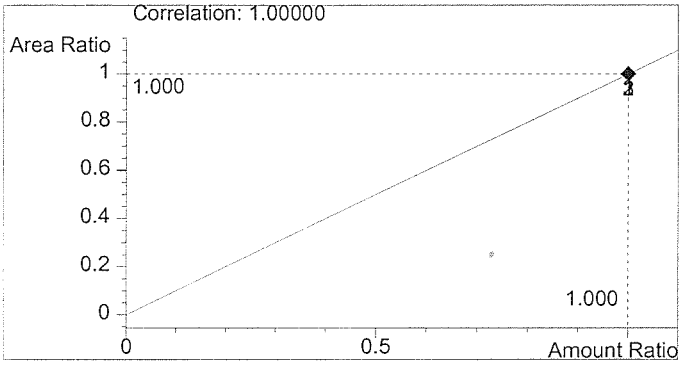


#	Compound	Area	RT
1	Ethanol	1670	1.039
2	n-Propanol	3665	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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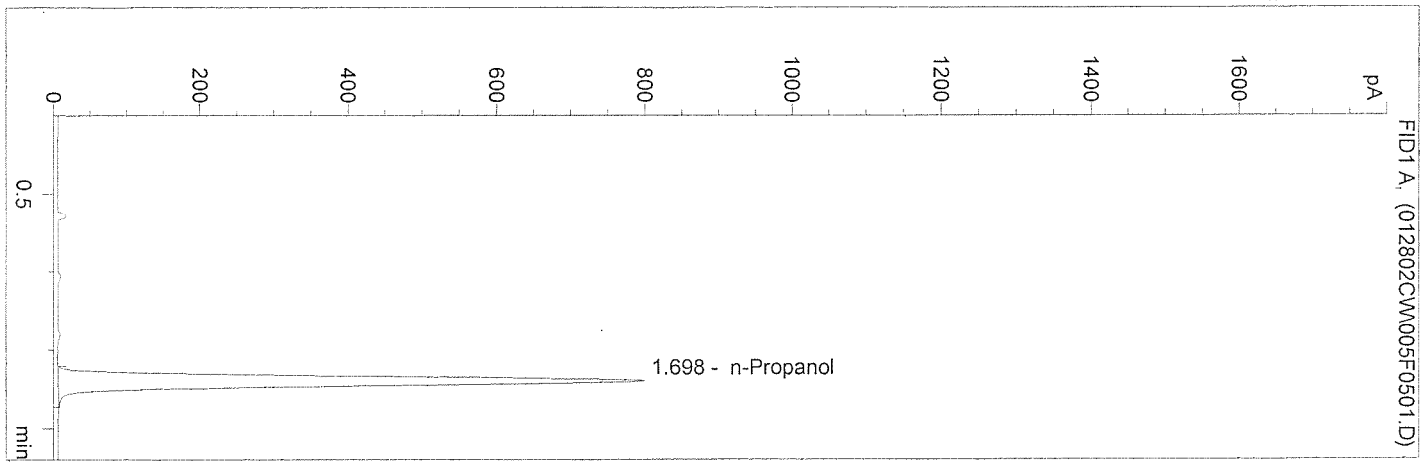
Instrument 1
DB-ALC1

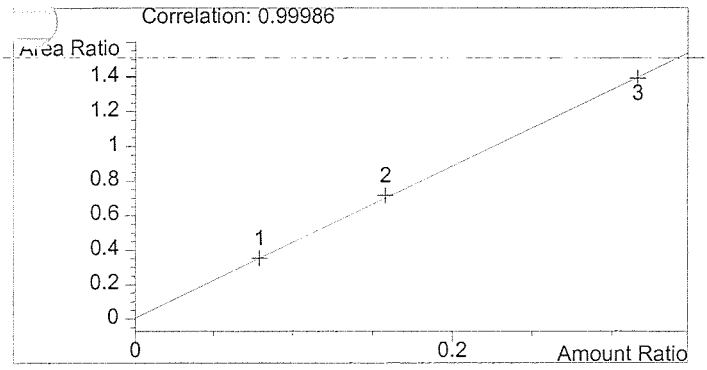
BLK
EGLE WEISS

vial # 5

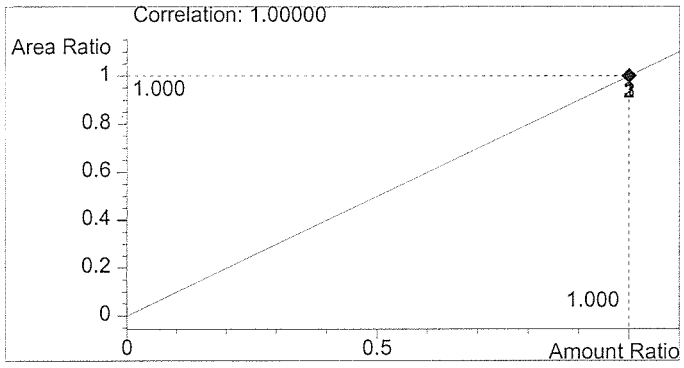


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3261	1.698

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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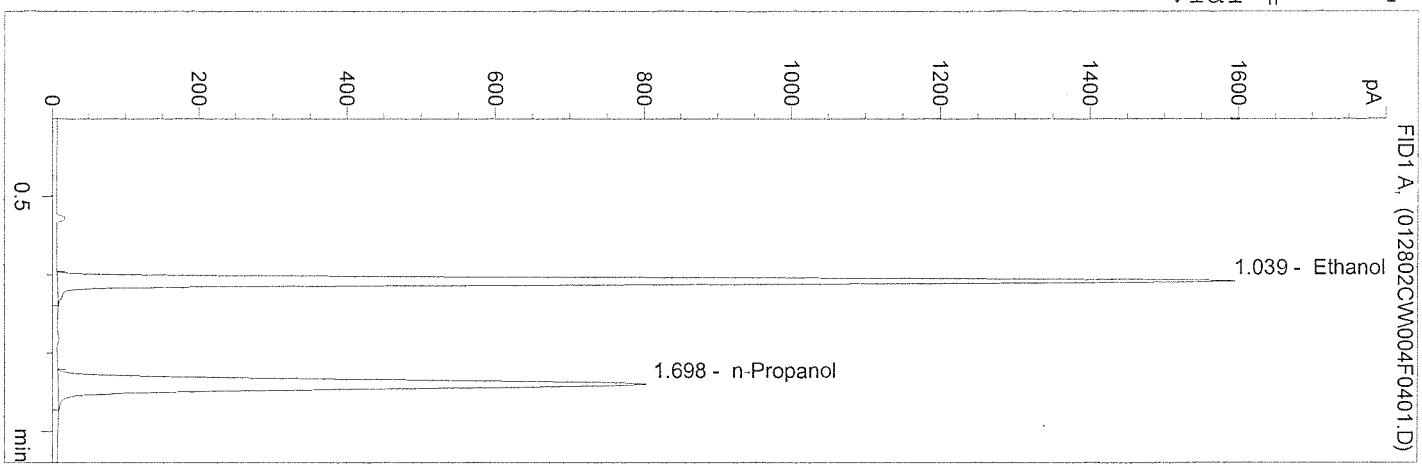
1/28/02 2:38:01 PM
Instrument 1
DB-ALC1

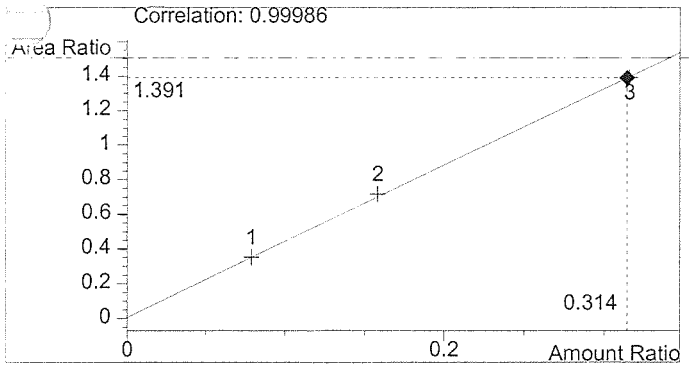
0.316 CAL
EGLE WEISS

vial # 4

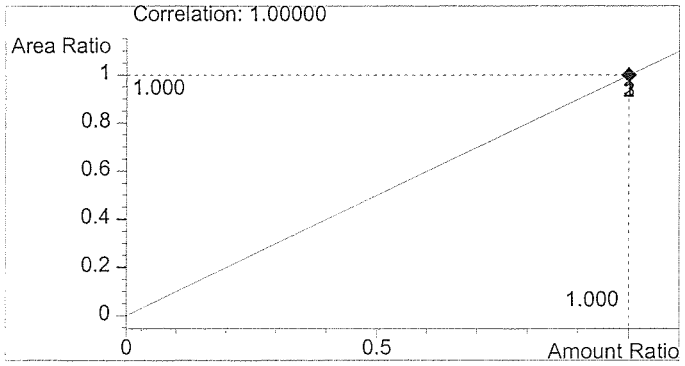


#	Compound	Area	RT
1	Ethanol	4568	1.039
2	n-Propanol	3285	1.698

Totals:



Ethanol 0.314 g/100ml



n-Propanol 1.000 g/100ml

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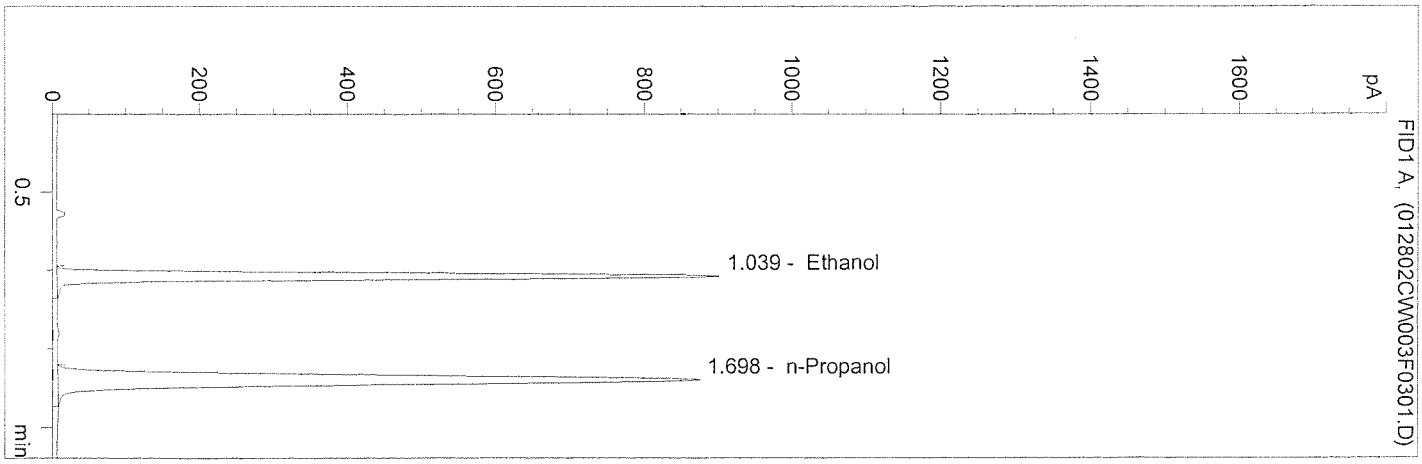
Instrument 1
DB-ALC1

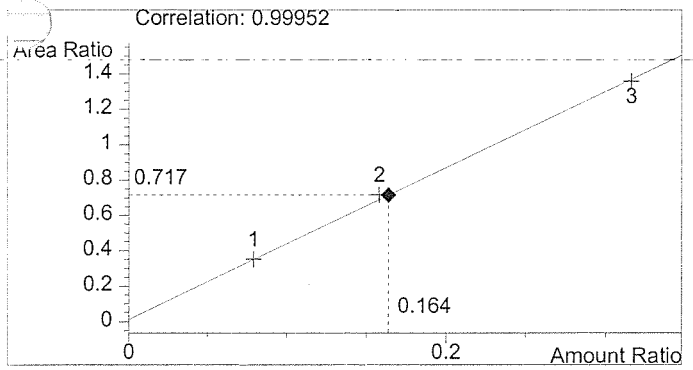
0.158 CAL
EGLE WEISS

vial # 3

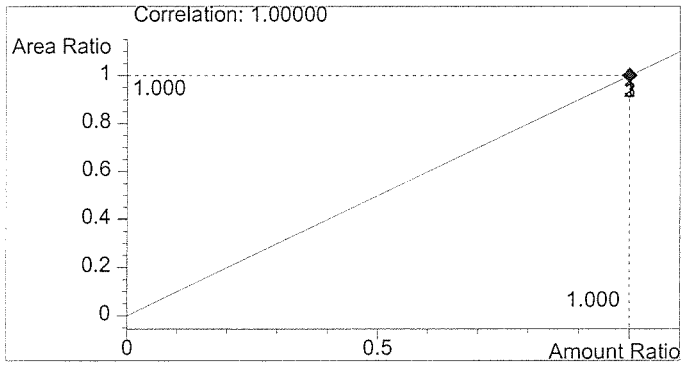


#	Compound	Area	RT
1	Ethanol	2555	1.039
2	n-Propanol	3565	1.698

Totals:



Ethanol 0.164 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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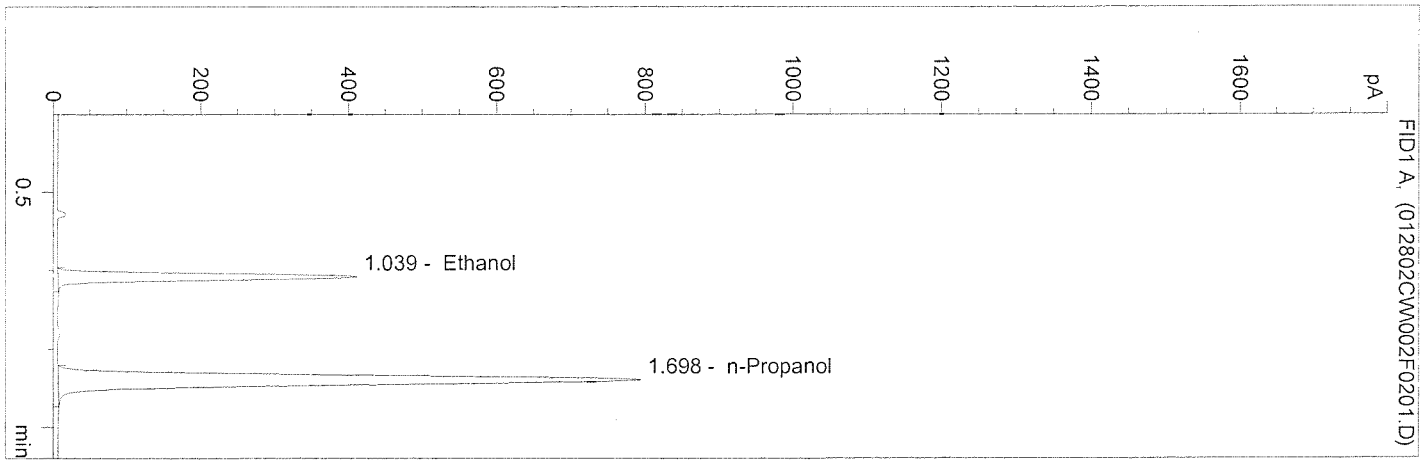
Instrument 1
LB-ALC1

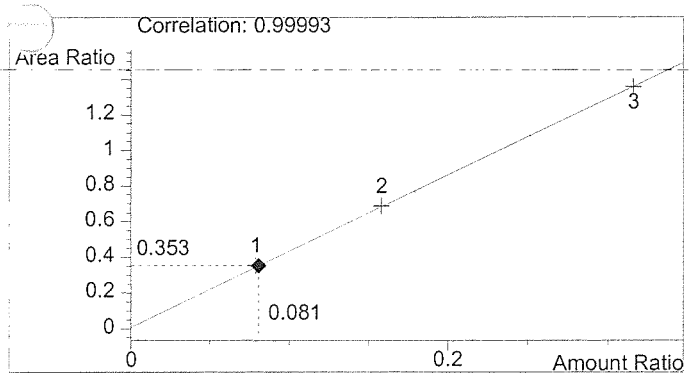
0.079 CAL
EGLE WEISS

vial # 2

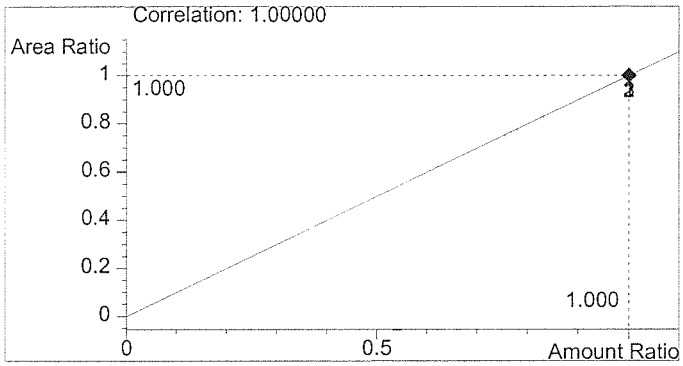


#	Compound	Area	RT
1	Ethanol	1147	1.039
2	n-Propanol	3246	1.698

Totals:



Ethanol 0.081 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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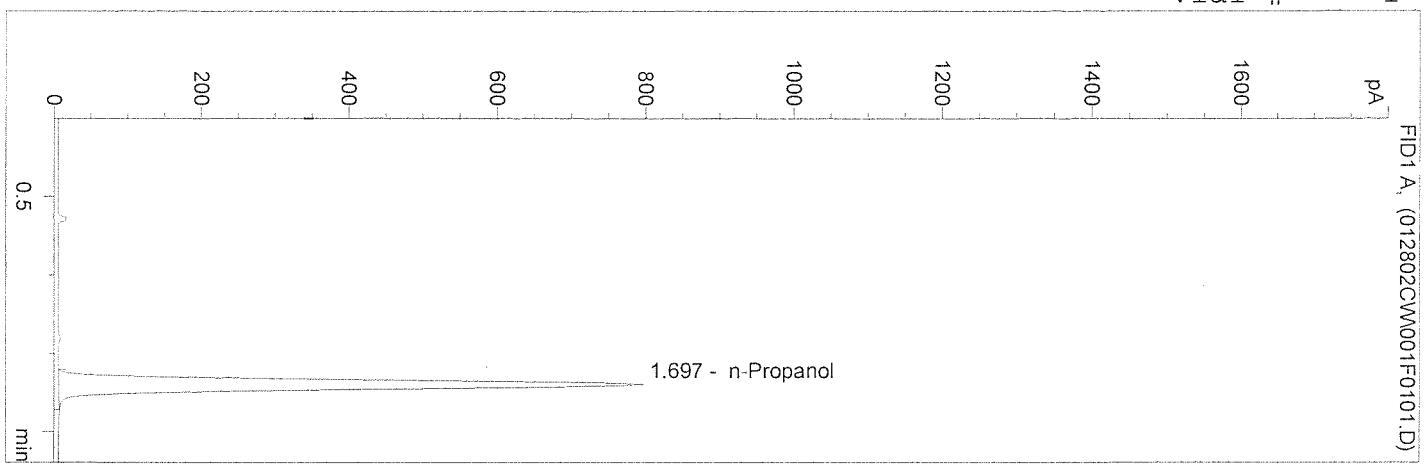
Instrument 1
DB-ALC1

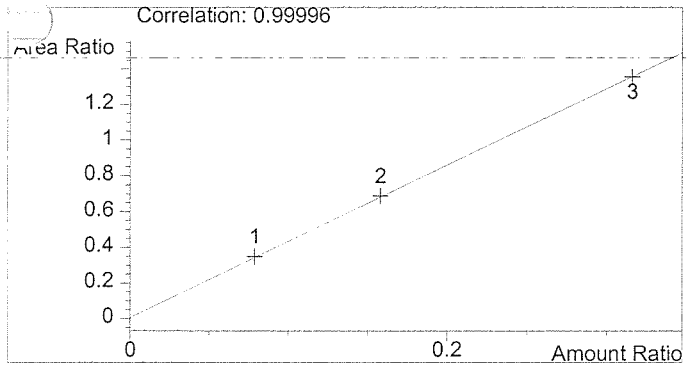
BLANK
EGLE WEISS

vial # 1

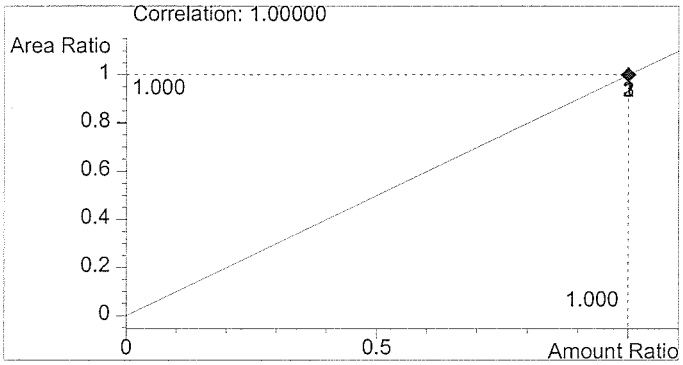


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3251	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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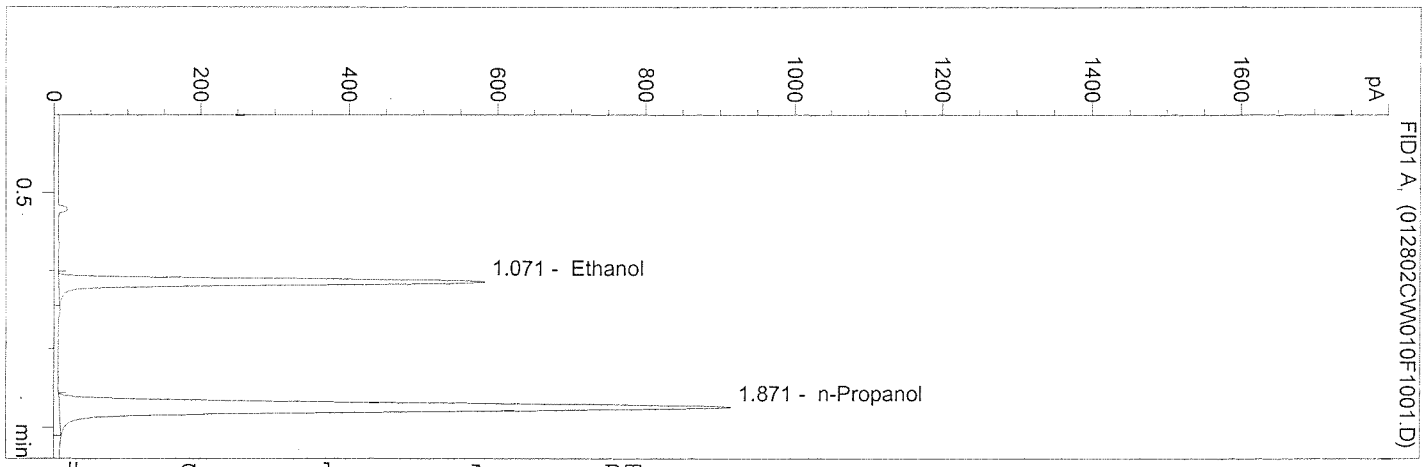
Instrument 2

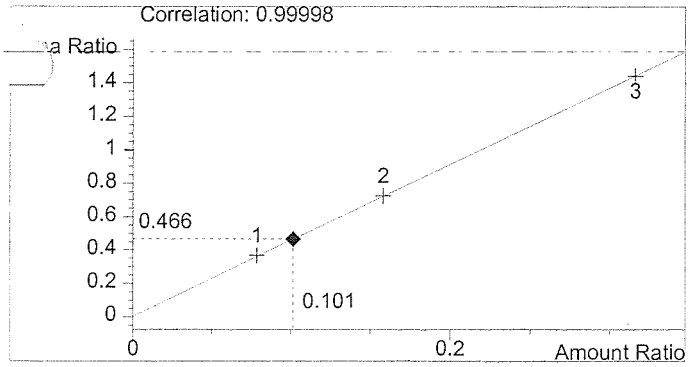
02001EF SIM SOL
EGLE WEISS

vial # 10

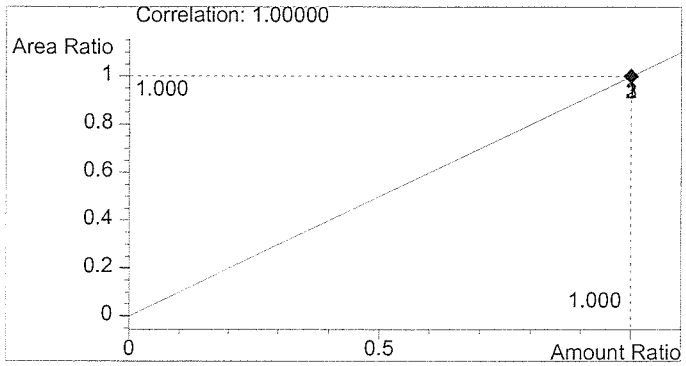


#	Compound	Area	RT
1	Ethanol	1661	1.071
2	n-Propanol	3563	1.871

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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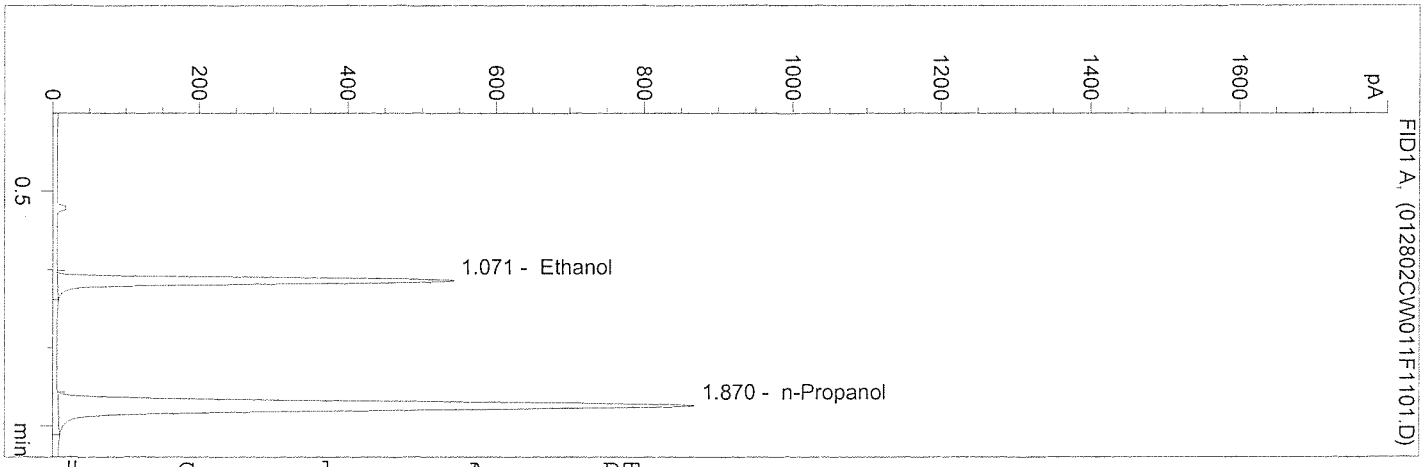
Instrument 2

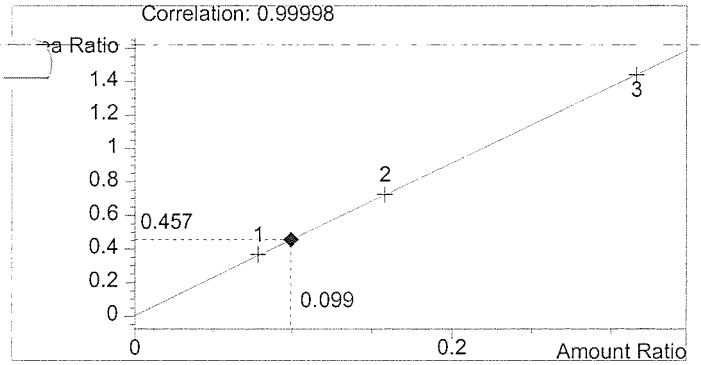
02001EF SIM SOL
EGLE WEISS

vial # 11

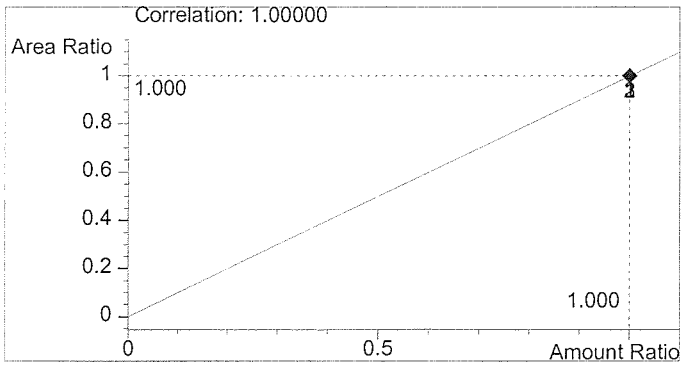


#	Compound	Area	RT
1	Ethanol	1549	1.071
2	n-Propanol	3388	1.870

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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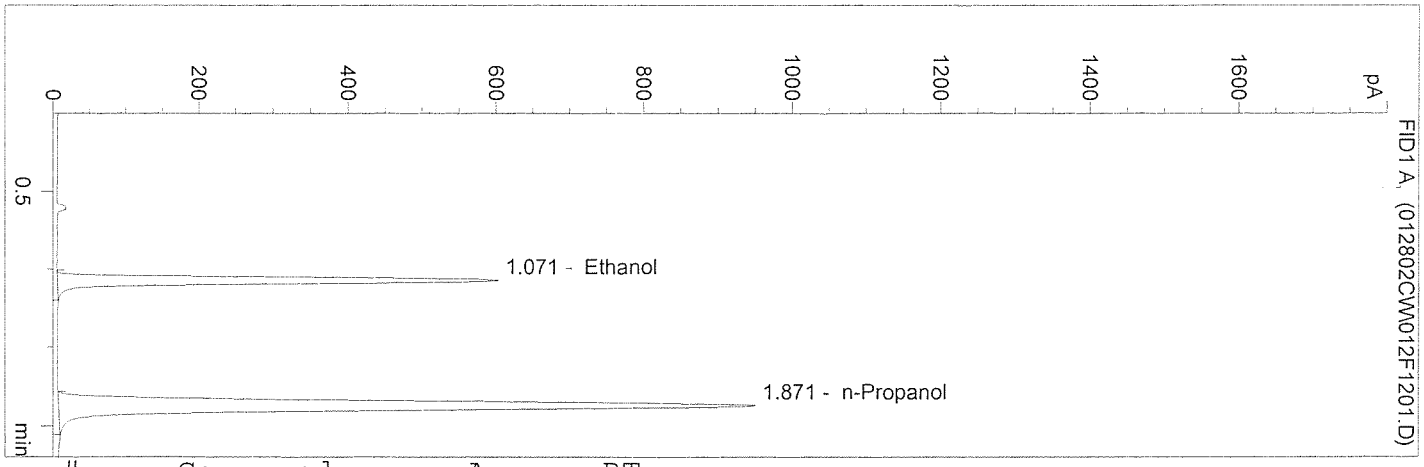
Instrument 2

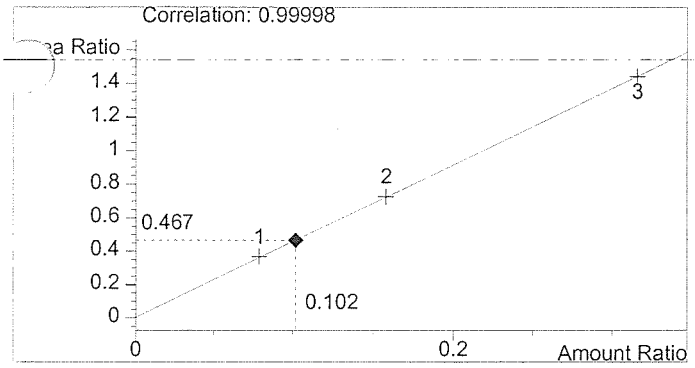
02001EF SIM SOL
EGLE WEISS

vial # 12

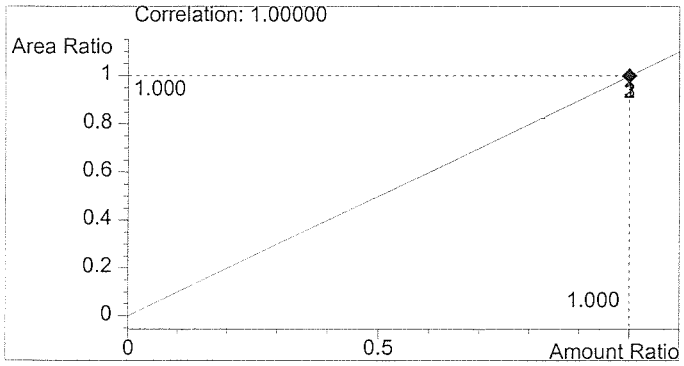


#	Compound	Area	RT
1	Ethanol	1737	1.071
2	n-Propanol	3716	1.871

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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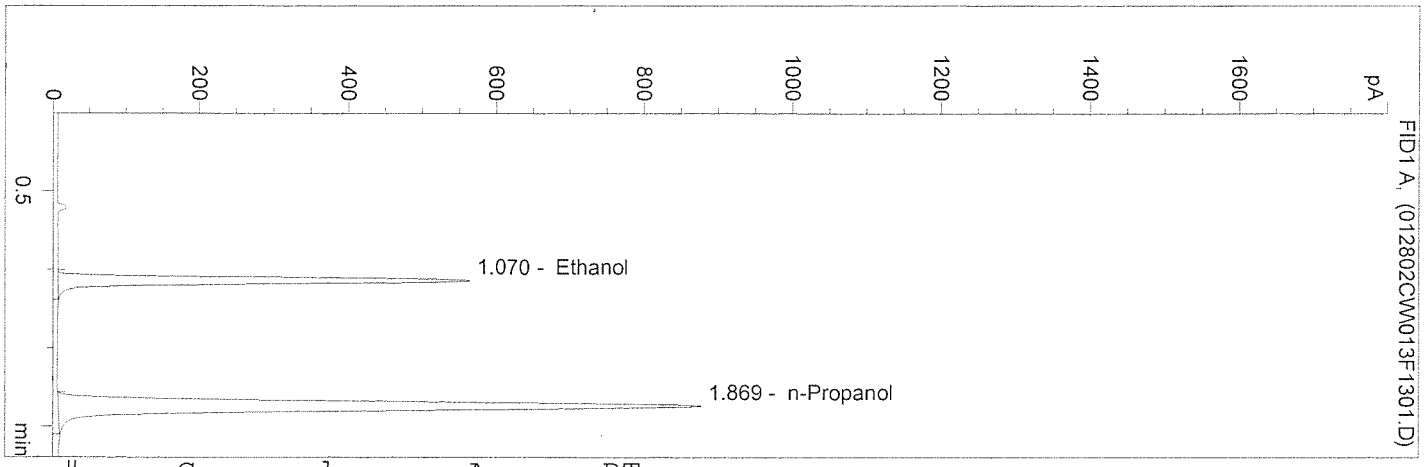
Instrument 2

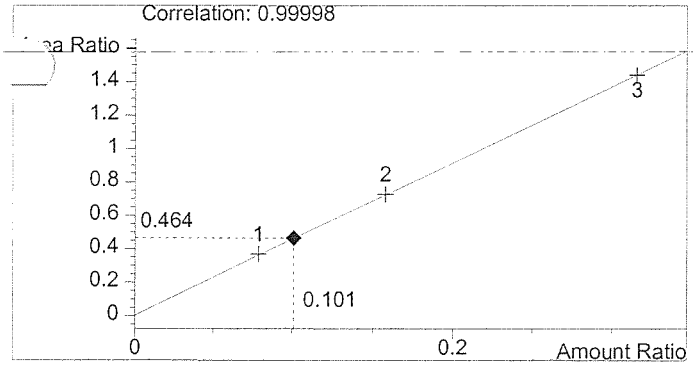
02001EF SIM SOL
EGLE WEISS

vial # 13

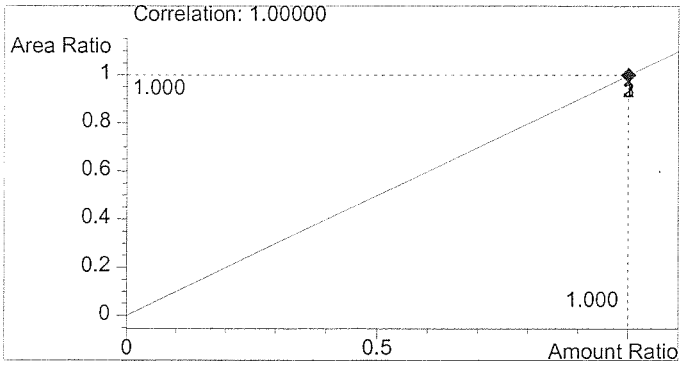


#	Compound	Area	RT
1	Ethanol	1578	1.070
2	n-Propanol	3403	1.869

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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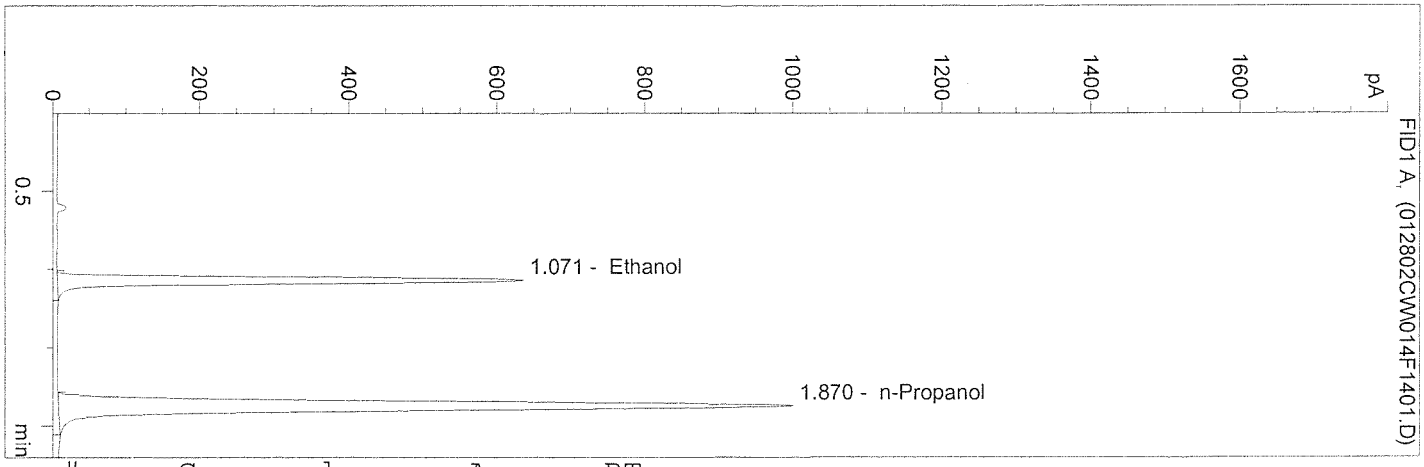
Instrument 2

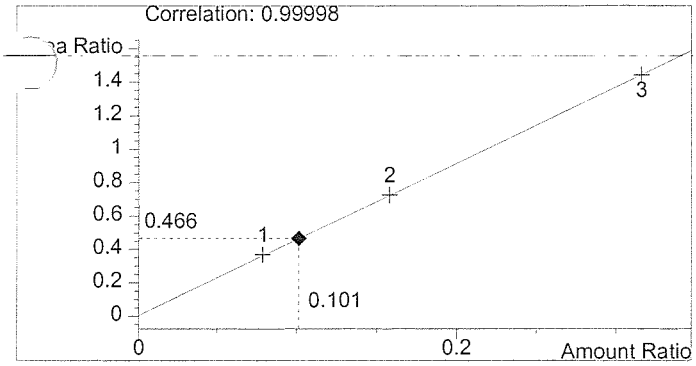
02001EF SIM SOL
EGLE WEISS

vial # 14

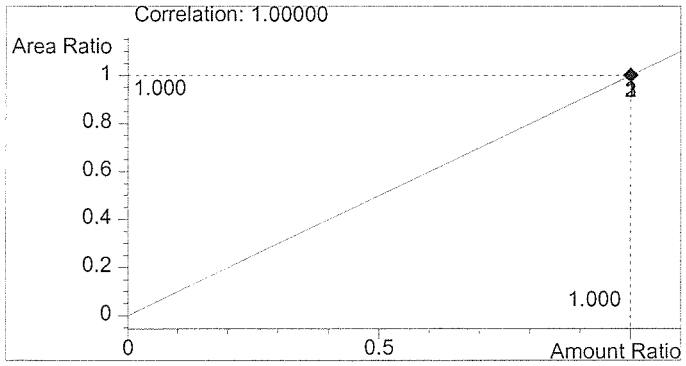


#	Compound	Area	RT
1	Ethanol	1823	1.071
2	n-Propanol	3913	1.870

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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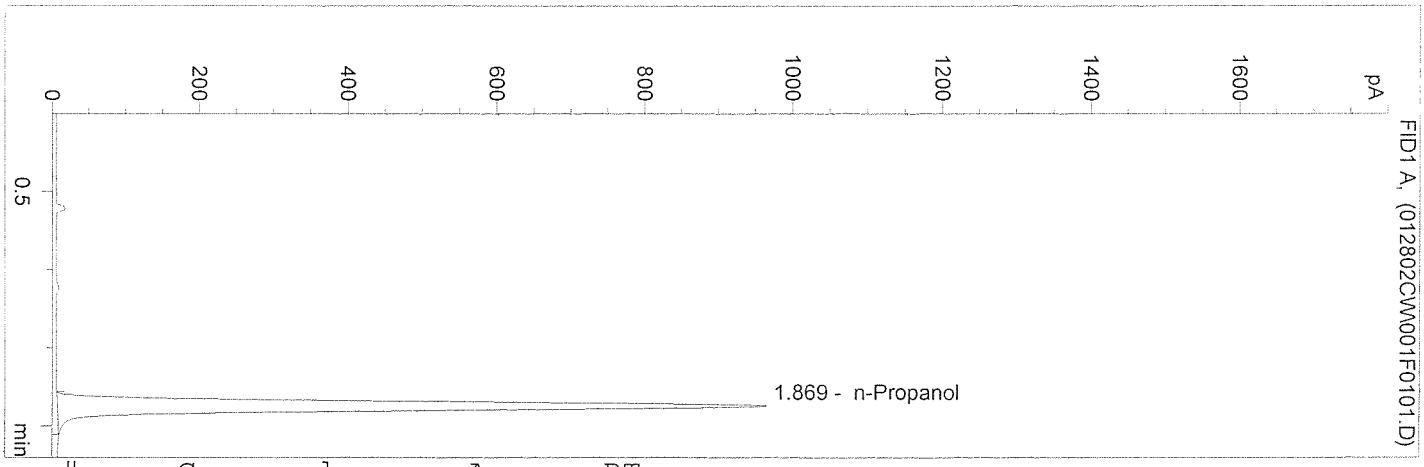
1/28/02 2:30:02 PM
Instrument 2

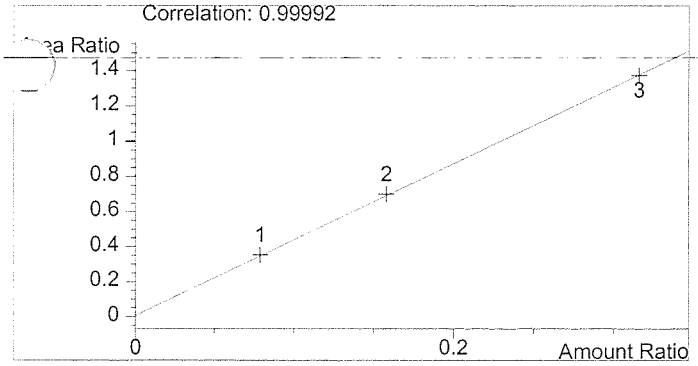
BLANK
EGLE WEISS

vial # 1

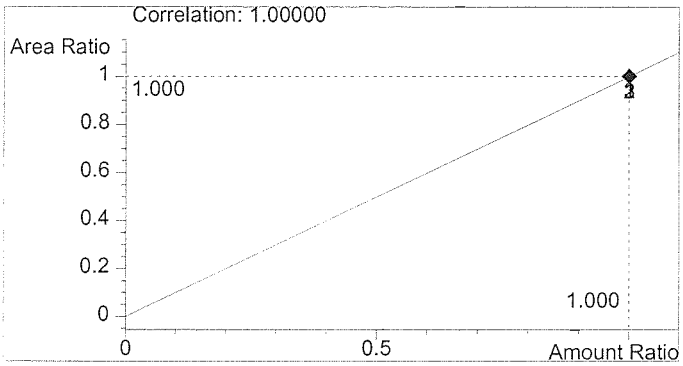


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3746	1.869

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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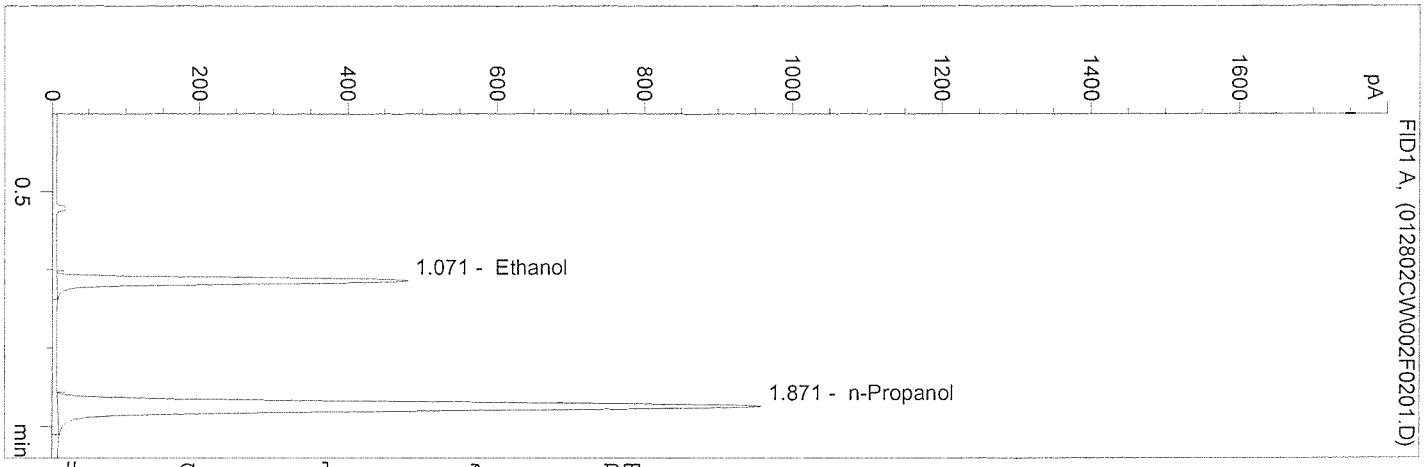
1/28/02 2:33:03 PM
Instrument 2

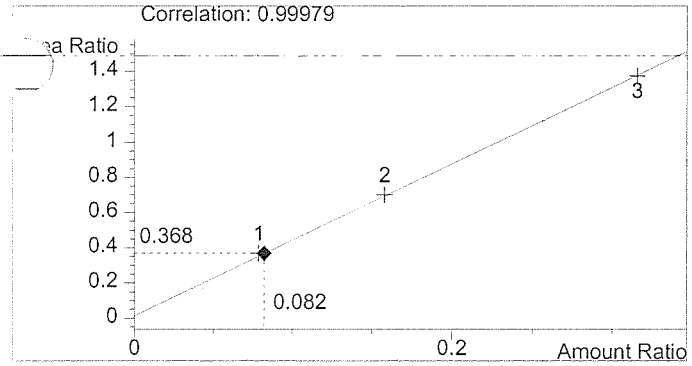
0.079 CAL
EGLE WEISS

vial # 2

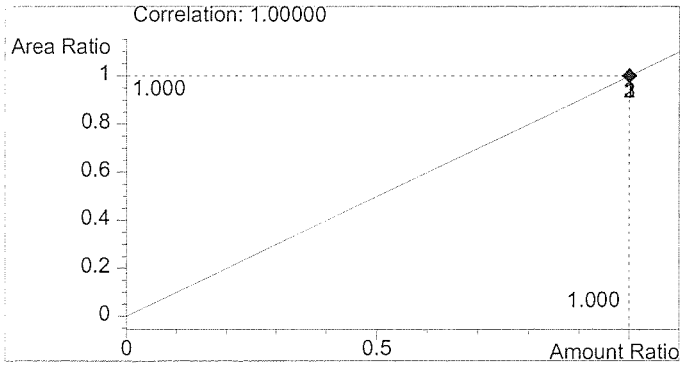


#	Compound	Area	RT
1	Ethanol	1376	1.071
2	n-Propanol	3735	1.871

Totals:



Ethanol 0.082 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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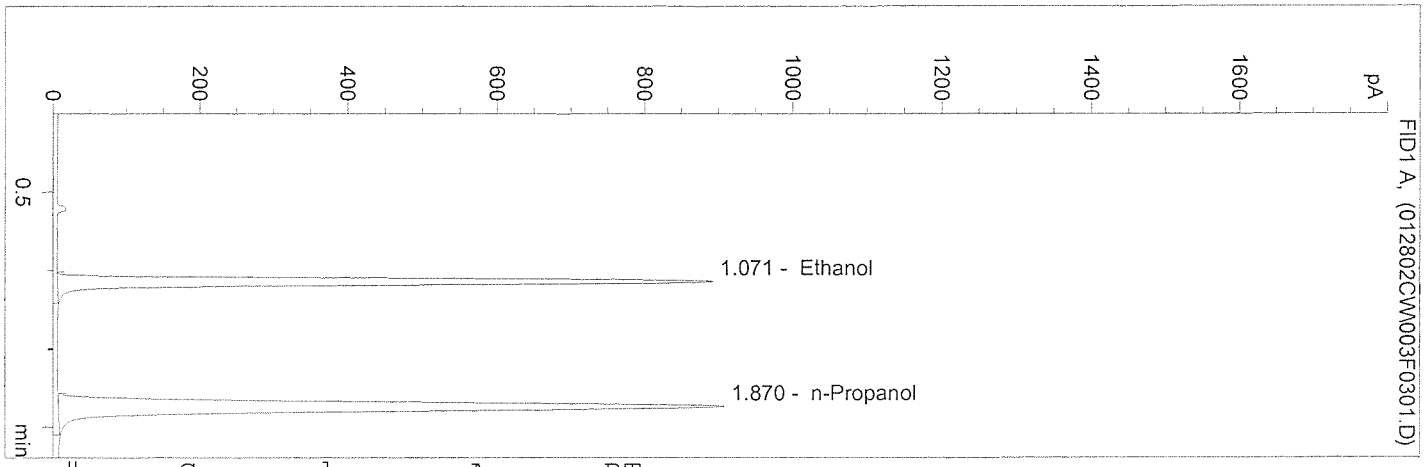
1/28/02 2:36:05 PM
Instrument 2

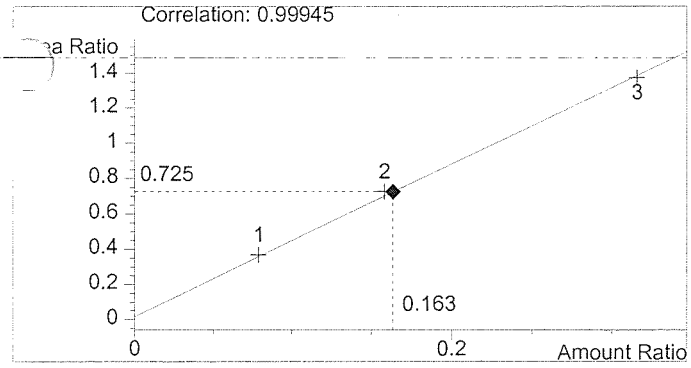
0.158 CAL
EGLE WEISS

vial # 3

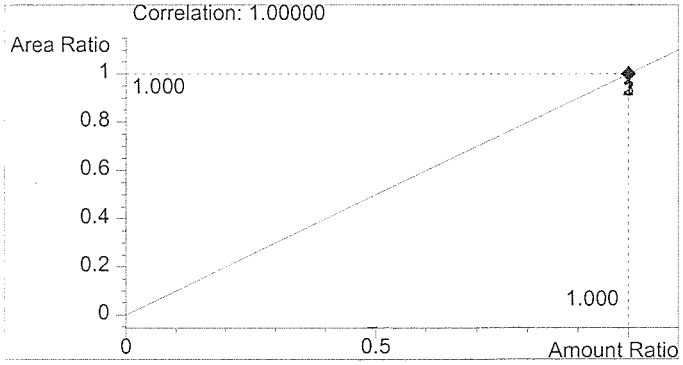


#	Compound	Area	RT
1	Ethanol	2573	1.071
2	n-Propanol	3548	1.870

Totals:



Ethanol 0.163 g/100ml



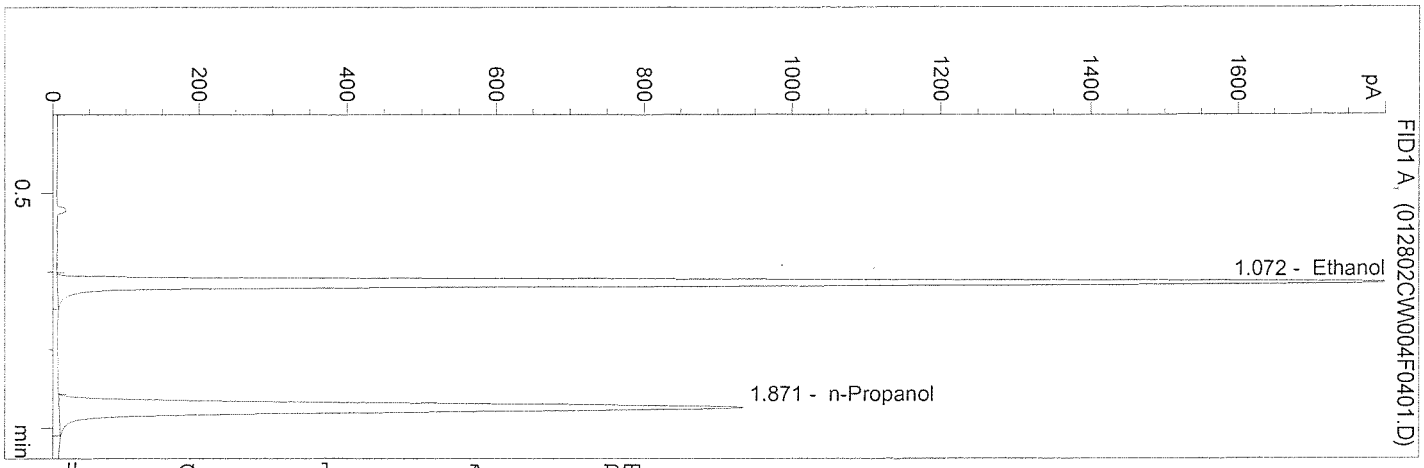
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/28/02 2:39:07 PM
Instrument 2

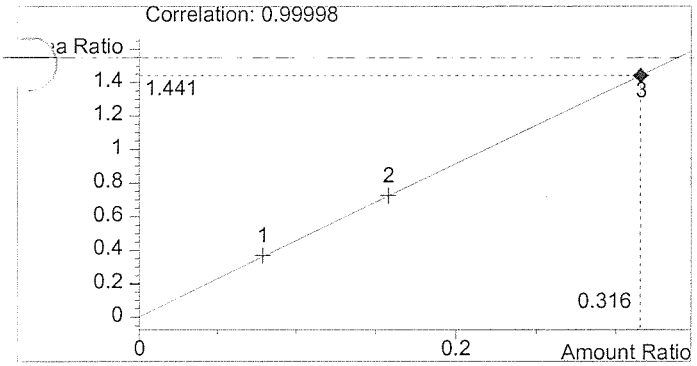
0.316 CAL
EGLE WEISS

vial # 4

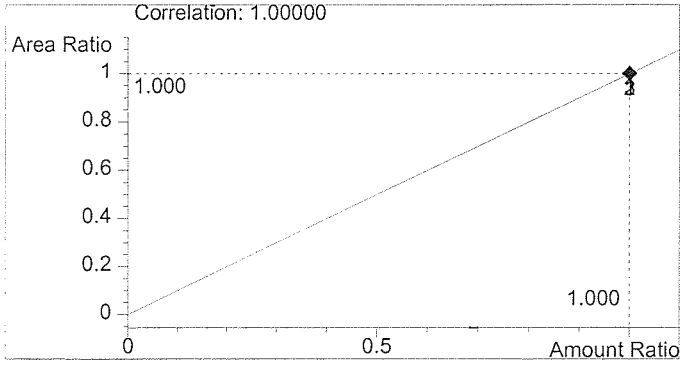


#	Compound	Area	RT
1	Ethanol	5219	1.072
2	n-Propanol	3621	1.871

Totals:



Ethanol 0.316 g/100ml



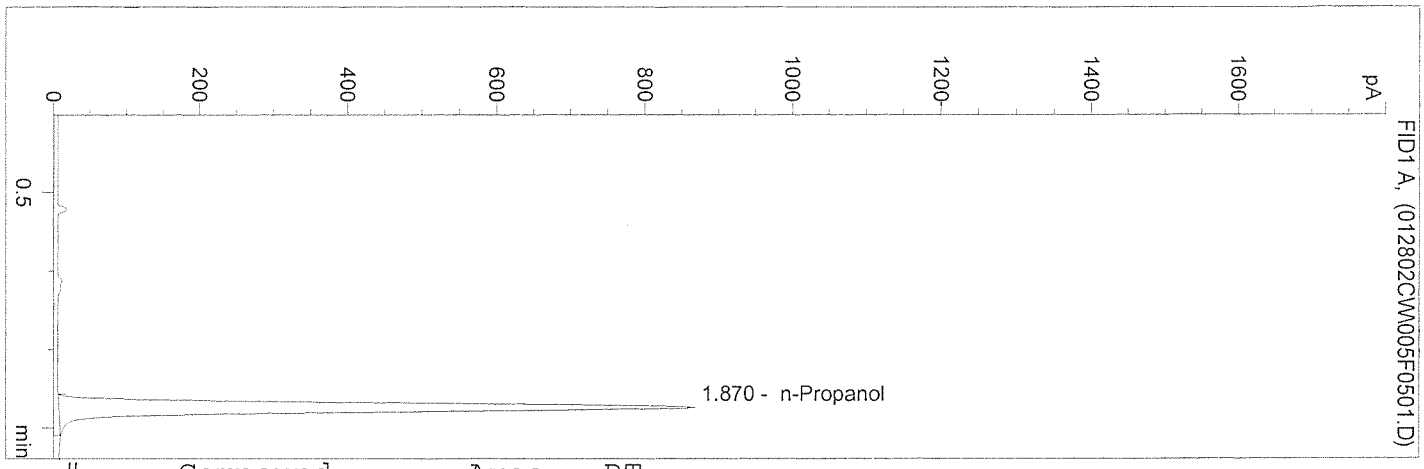
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/28/02 2:42:33 PM
Instrument 2

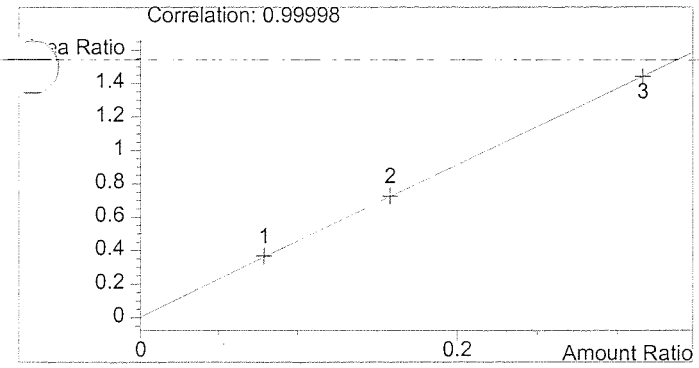
BLK
EGLE WEISS

vial # 5

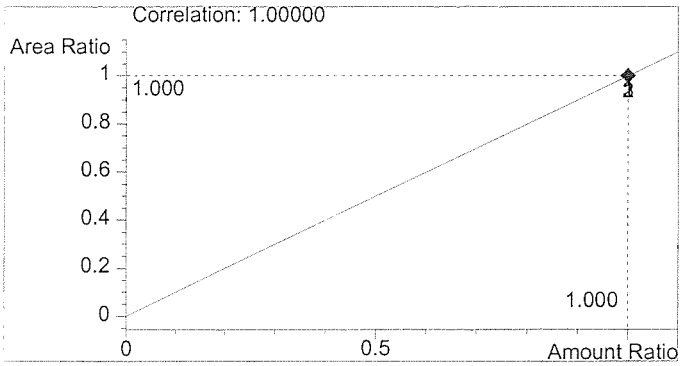


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3381	1.870

Totals:



Ethanol 0.000 g/100ml



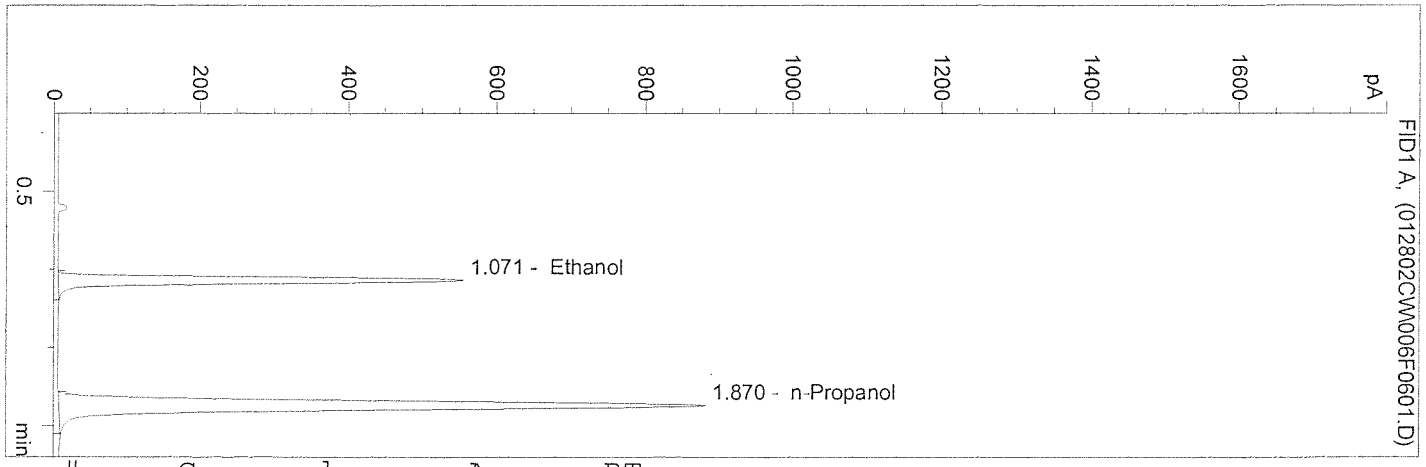
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/28/02 2:45:36 PM
Instrument 2

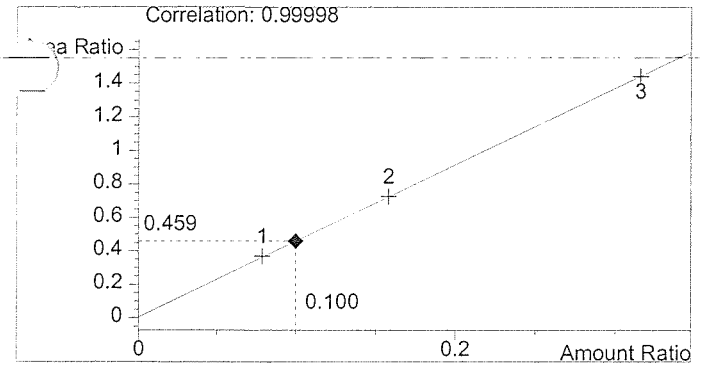
0.101 CONTROL
EGLE WEISS

vial # 6

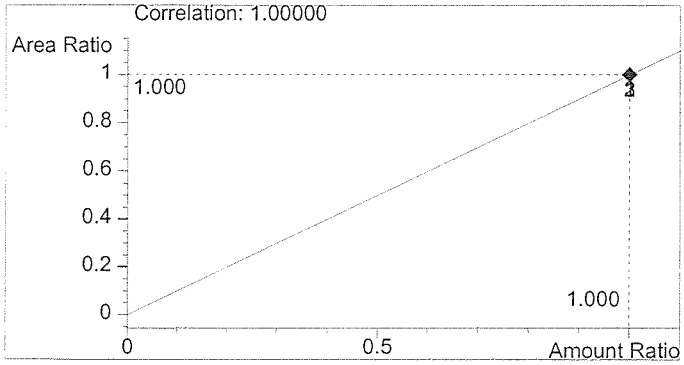


#	Compound	Area	RT
1	Ethanol	1577	1.071
2	n-Propanol	3432	1.870

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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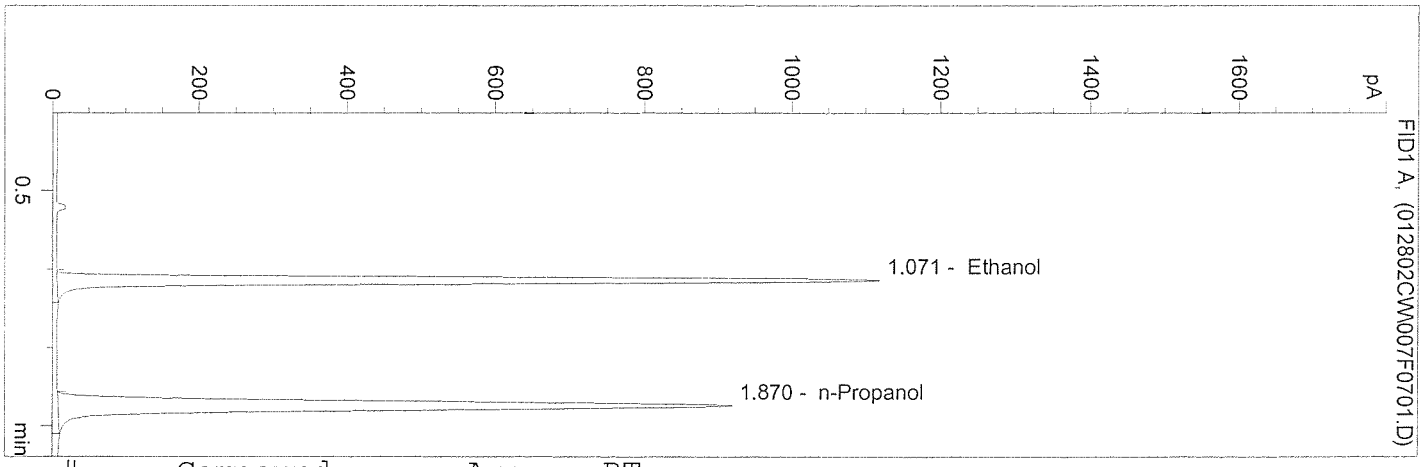
1/28/02 2:48:37 PM
Instrument 2

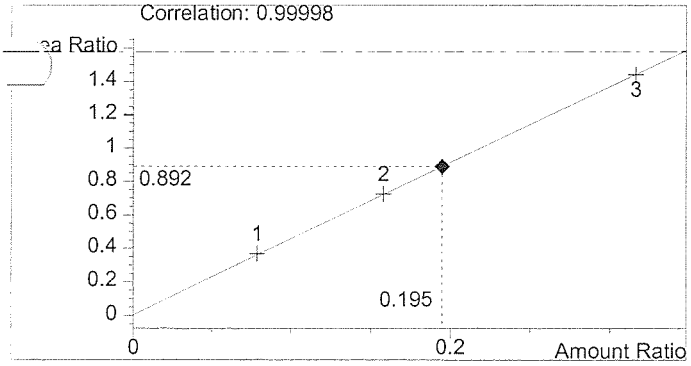
0.197 CONTROL
EGLE WEISS

vial # 7

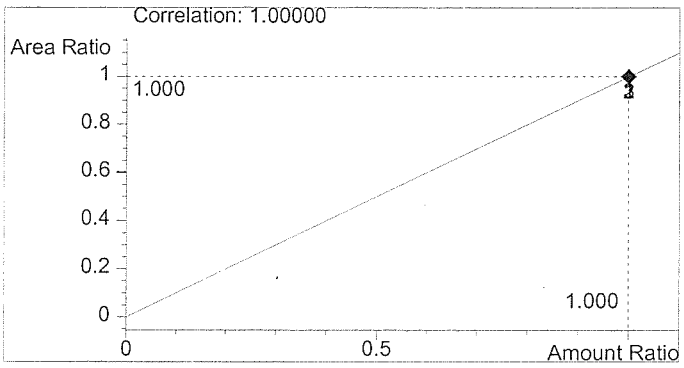


#	Compound	Area	RT
1	Ethanol	3199	1.071
2	n-Propanol	3588	1.870

Totals:



Ethanol 0.195 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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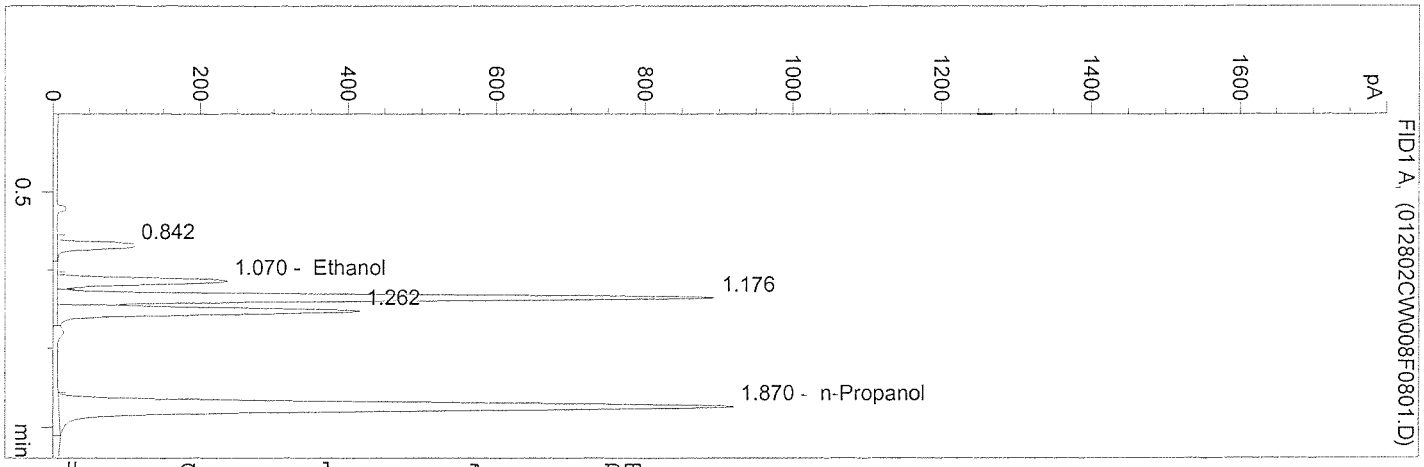
1/28/02 2:51:39 PM
Instrument 2

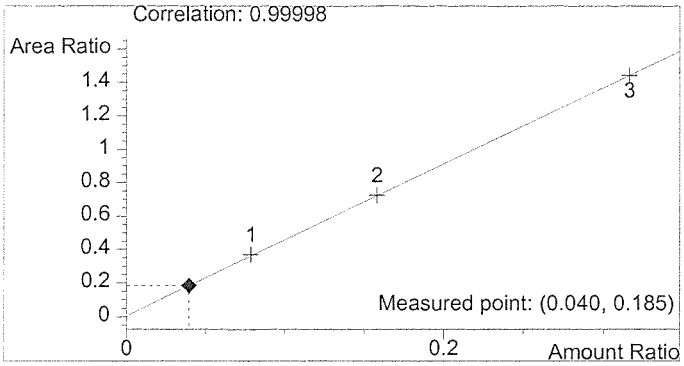
0.04 MIX
EGLE WEISS

vial # 8

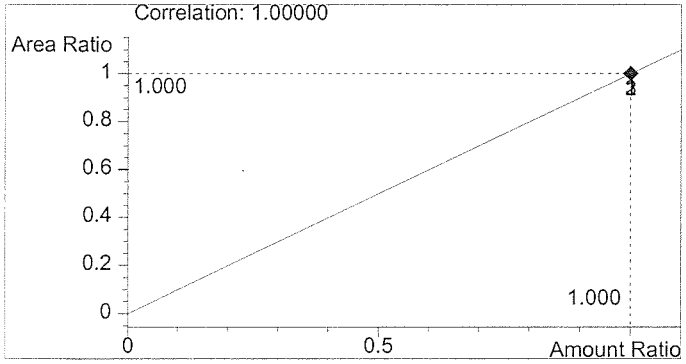


#	Compound	Area	RT
1		329	0.842
2	Ethanol	663	1.070
3		2468	1.176
4		1246	1.262
5	n-Propanol	3575	1.870

Totals:



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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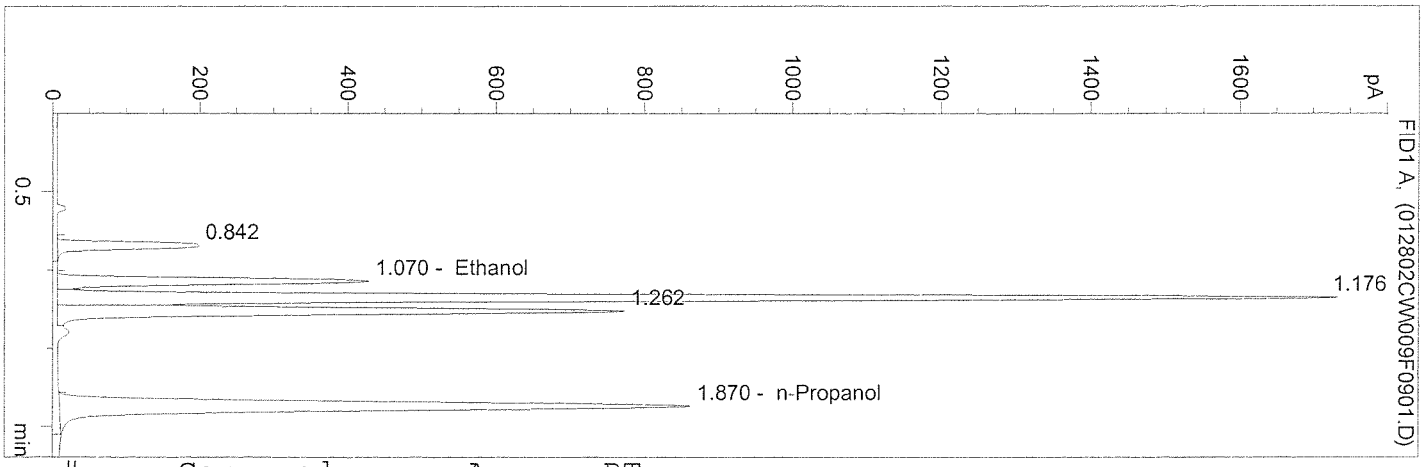
1/28/02 2:55:01 PM
Instrument 2

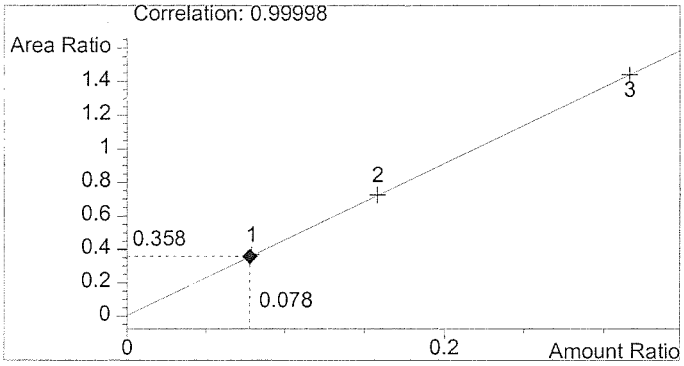
0.08 MIX
EGLE WEISS

vial # 9

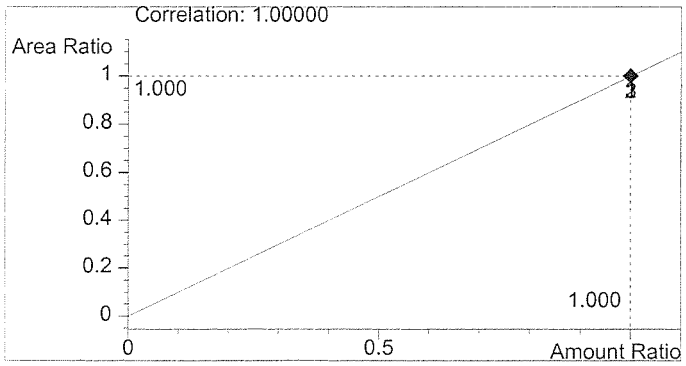


#	Compound	Area	RT
1		596	0.842
2	Ethanol	1195	1.070
3		4755	1.176
4		2311	1.262
5	n-Propanol	3335	1.870

Totals:



Ethanol 0.078 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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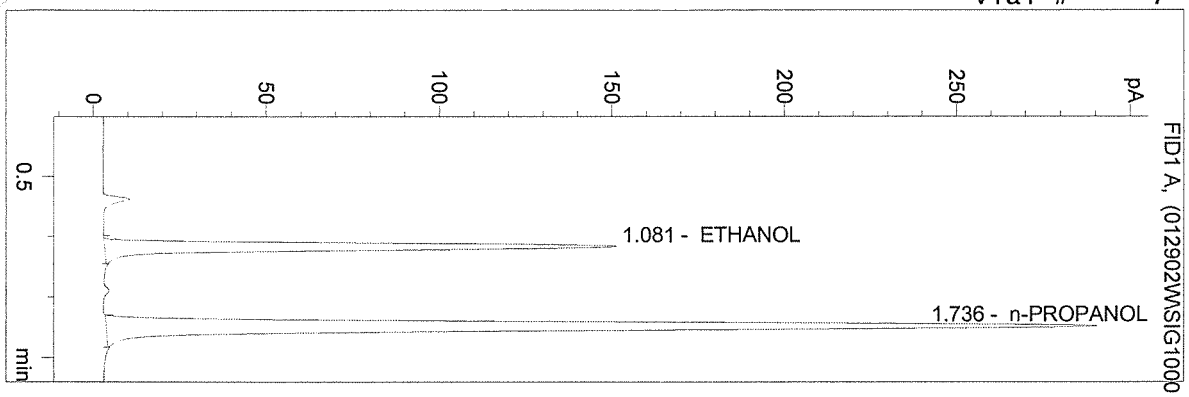
1/29/02 12:32:09 PM
Instrument 3
ALC1

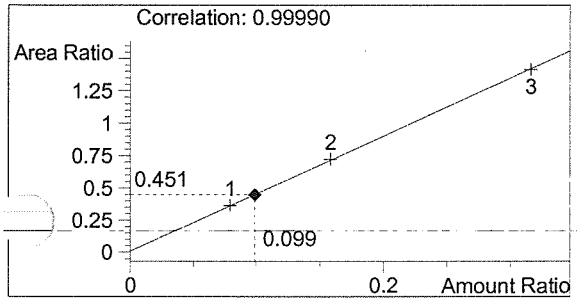
SIM 02001
WP MARSHALL

vial # 7

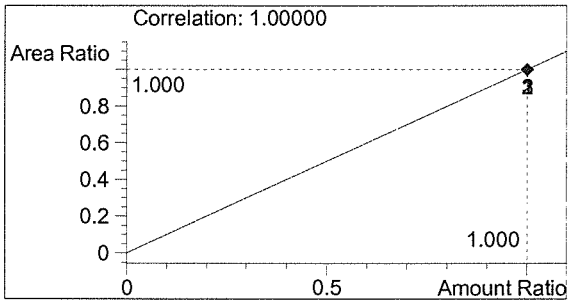


#	Compound	Area	RT
1	ETHANOL	595	1.081
2	n-PROPANOL	1320	1.736

Totals:



ETHANOL 0.099 mg/L

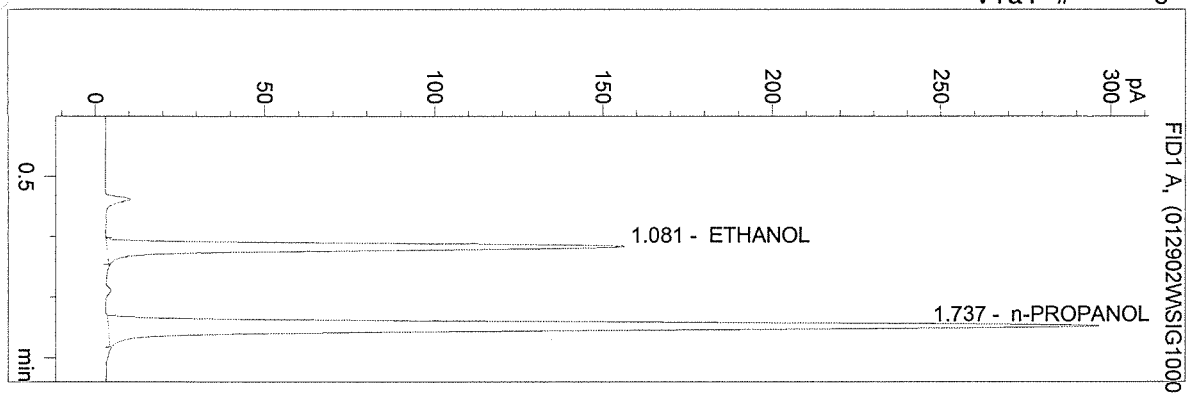


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/29/02 12:35:19 PM
Instrument 3
ALC1

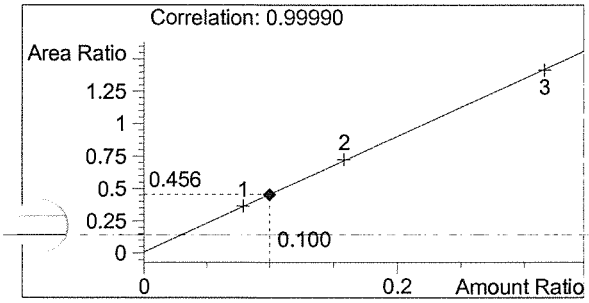
SIM 02001
WP MARSHALL

vial # 8

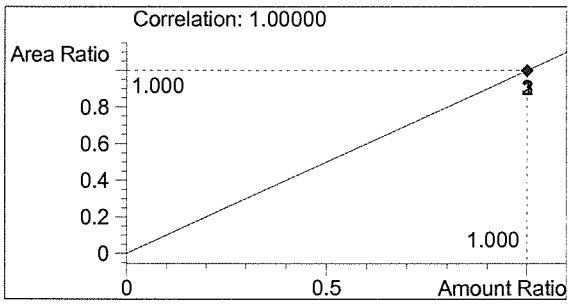


#	Compound	Area	RT
1	ETHANOL	611	1.081
2	n-PROPANOL	1340	1.737

Totals:



ETHANOL 0.100 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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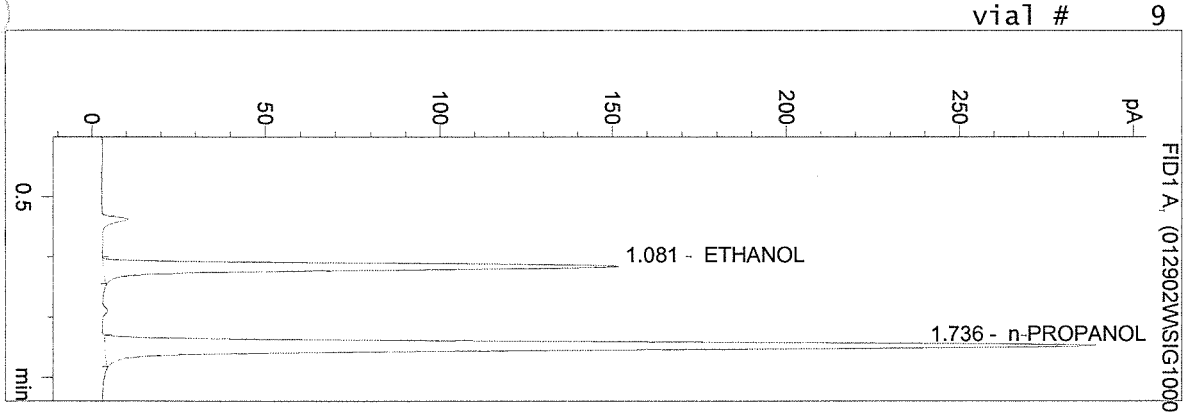
1/29/02 12:38:43 PM
Instrument 3
DP-ALC1

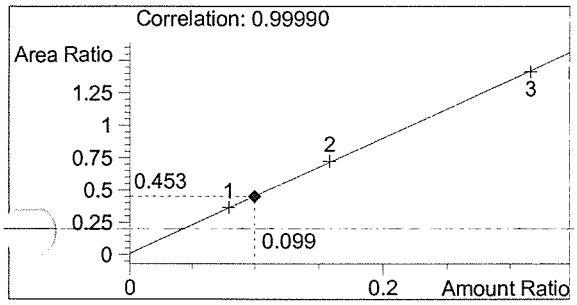
SIM 02001
WP MARSHALL

vial # 9

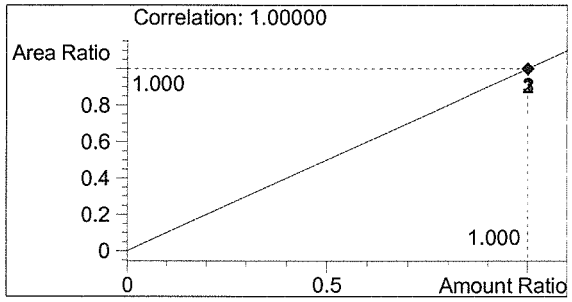


#	Compound	Area	RT
1	ETHANOL	592	1.081
2	n-PROPANOL	1306	1.736

Totals:



ETHANOL 0.099 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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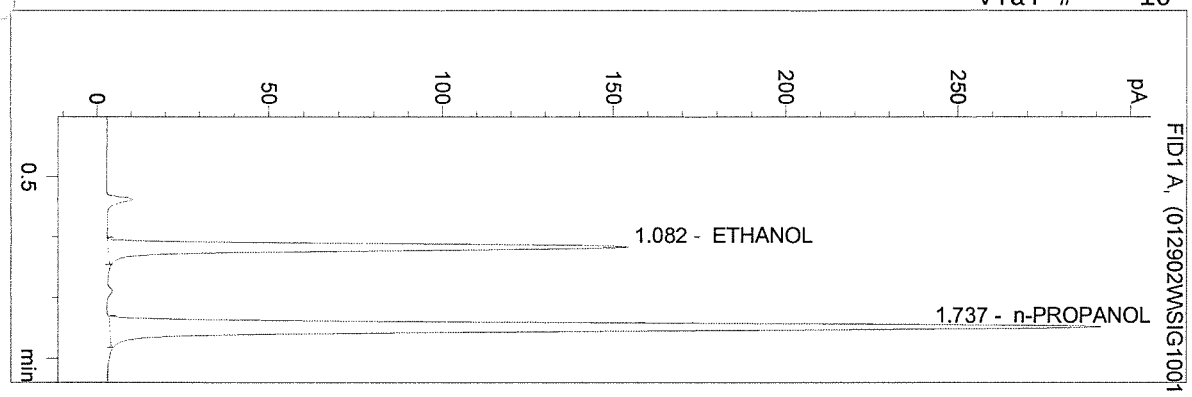
1/29/02 12:41:53 PM
Instrument 3
DB-ALC1

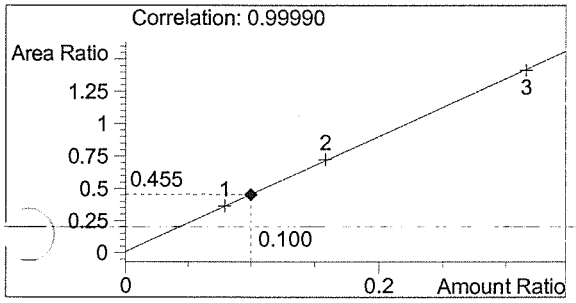
SIM 02001
WP MARSHALL

vial # 10

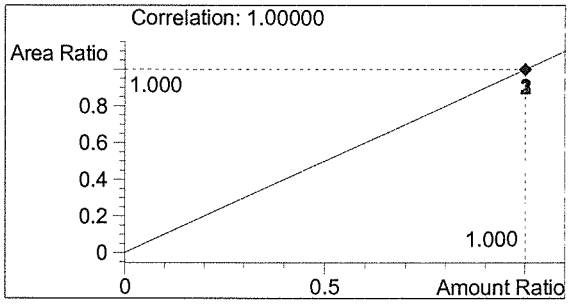


#	Compound	Area	RT
1	ETHANOL	599	1.082
2	n-PROPANOL	1315	1.737

Totals:



ETHANOL 0.100 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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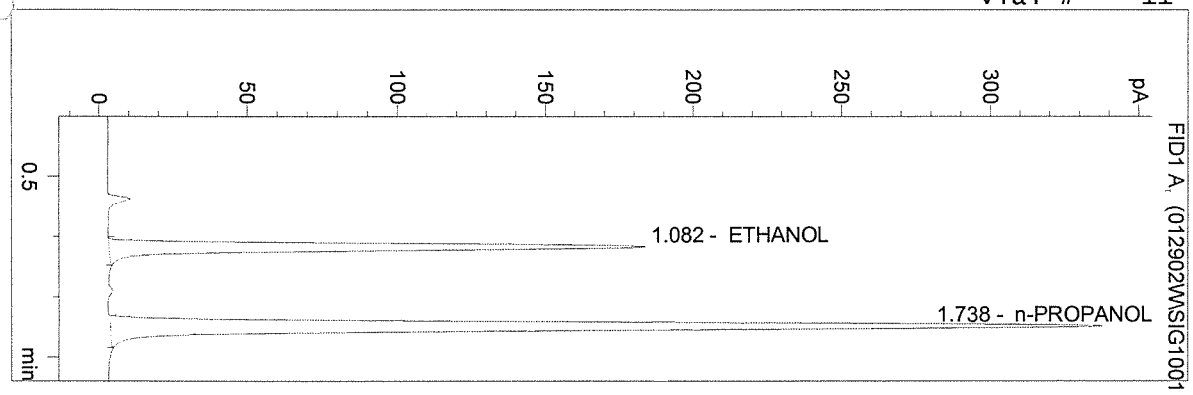
1/29/02 12:45:04 PM
Instrument 3
DB-ALC1

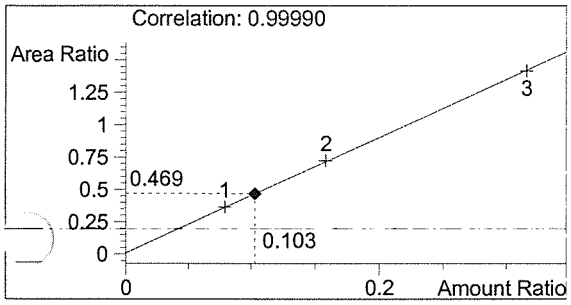
SIM 02001
WP MARSHALL

vial # 11

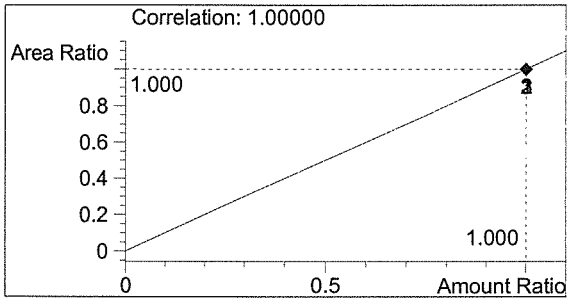


#	Compound	Area	RT
1	ETHANOL	717	1.082
2	n-PROPANOL	1528	1.738

Totals:



ETHANOL 0.103 mg/L



n-PROPANOL 1.000 mg/L

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	BLANK	BLDALCO3	1	Sample		
6	6	0.101 CAP	BLDALCO3	1	Ctrl Samp		
7	7	SIM 02001	BLDALCO3	1	Sample		
8	8	SIM 02001	BLDALCO3	1	Sample		
9	9	SIM 02001	BLDALCO3	1	Sample		
10	10	SIM 02001	BLDALCO3	1	Sample		
11	11	SIM 02001	BLDALCO3	1	Sample		
12	12	0.101 CAP	BLDALCO3	1	Ctrl Samp		
13	13	BLANK	BLDALCO3	1	Sample		
14	14	020597	BLDALCO3	1	Sample		
15	15	020365 repeat	BLDALCO3	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

Calibration Table

ETOH CALIBRATION

Calib. Data Modified : Tuesday, January 29, 2002 12:24:32 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 0.200 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 0.200 %
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 99%

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 [g/100ml]	Name
1	1.00000	n-PROPANOL

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100ml]	Area	Amt/Area	Ref	Grp	Name
1.081	1	1	7.90000e-2	531.62628	1.48601e-4	1		ETHANOL
		2	1.58000e-1	1029.50598	1.53472e-4			
		3	3.16000e-1	1879.74976	1.68107e-4			
1.736	1	1	1.00000	1452.39758	6.88517e-4	I1		n-PROPANOL
		2	1.00000	1420.54639	7.03954e-4			
		3	1.00000	1327.50037	7.53295e-4			

Peak Sum Table

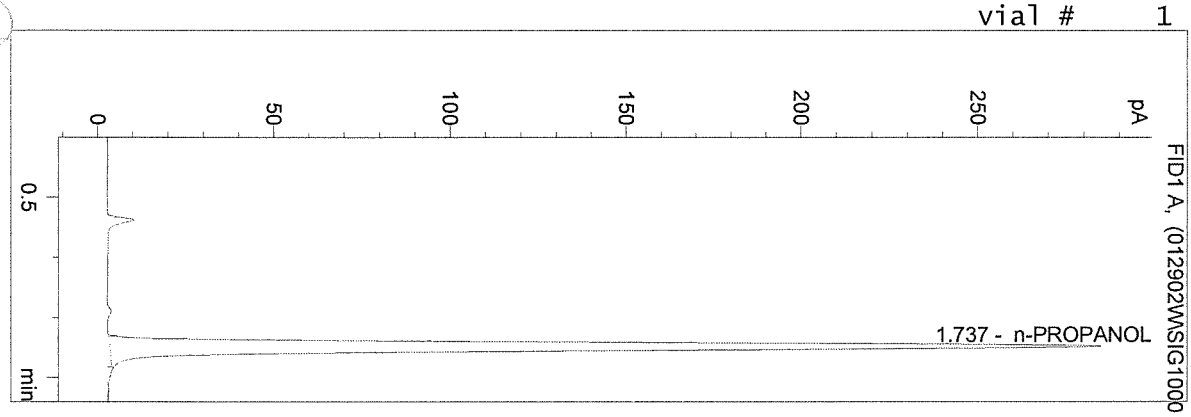
No Entries in table

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/29/02 12:12:47 PM
Instrument 3
DB-ALC1

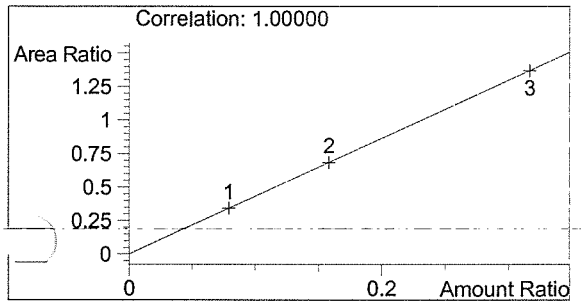
BLANK
WP MARSHALL

vial # 1

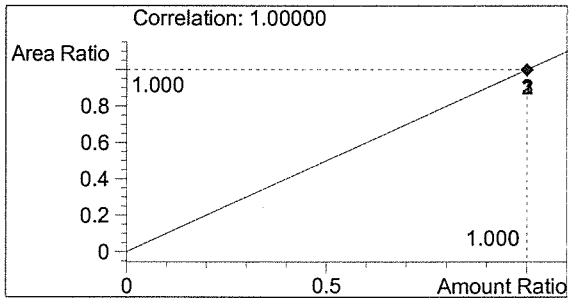


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1288	1.737

Totals:



ETHANOL 0.000 mg/L



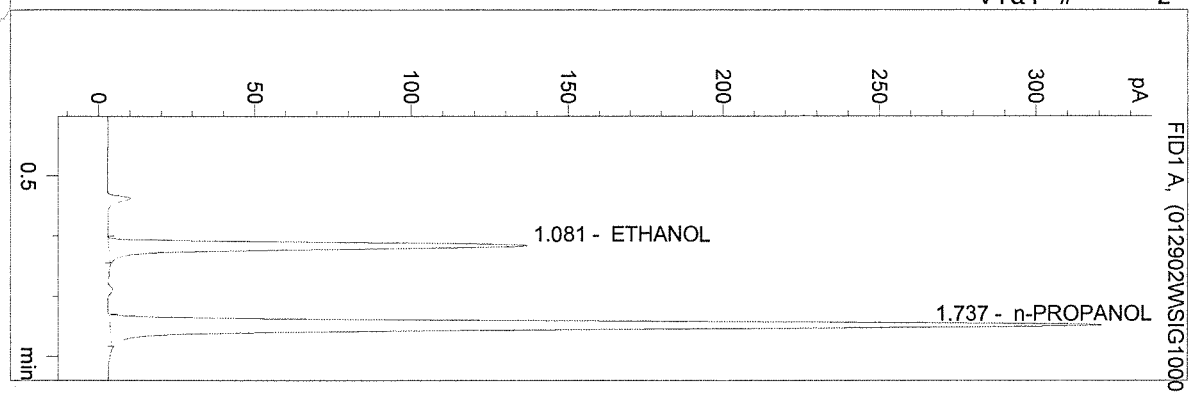
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/29/02 12:15:58 PM
Instrument 3
DB-ALC1

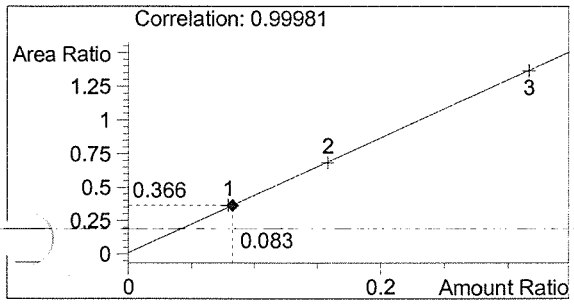
0.079 CAL
WP MARSHALL

vial # 2

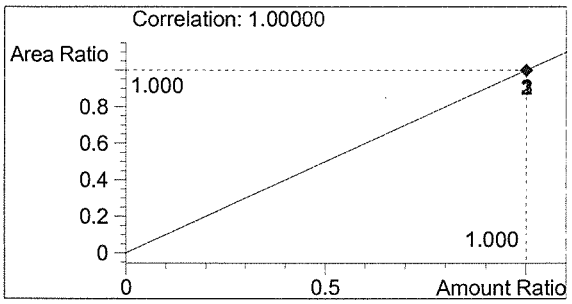


#	Compound	Area	RT
1	ETHANOL	532	1.081
2	n-PROPANOL	1452	1.737

Totals:



ETHANOL 0.083 mg/L

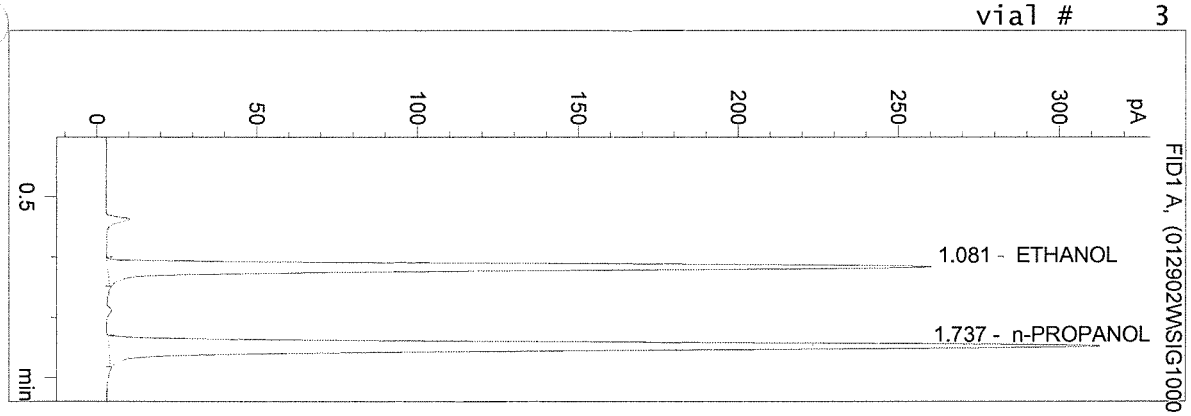


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/29/02 12:19:08 PM
Instrument 3
DB-ALC1

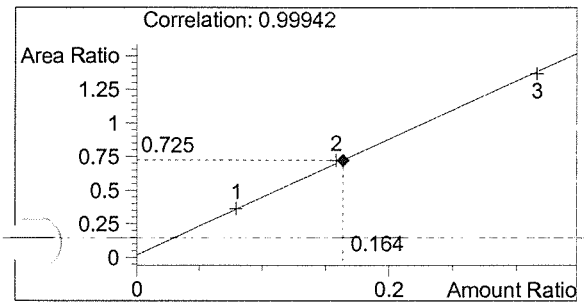
0.158 CAL
WP MARSHALL

vial # 3

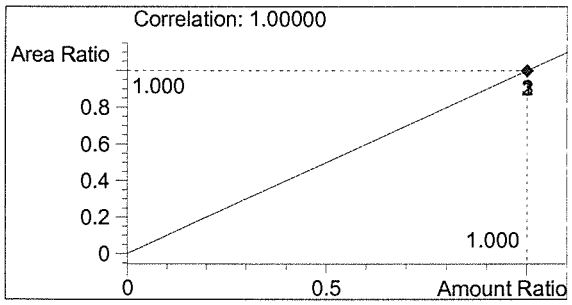


#	Compound	Area	RT
1	ETHANOL	1030	1.081
2	n-PROPANOL	1421	1.737

Totals:



ETHANOL 0.164 mg/L



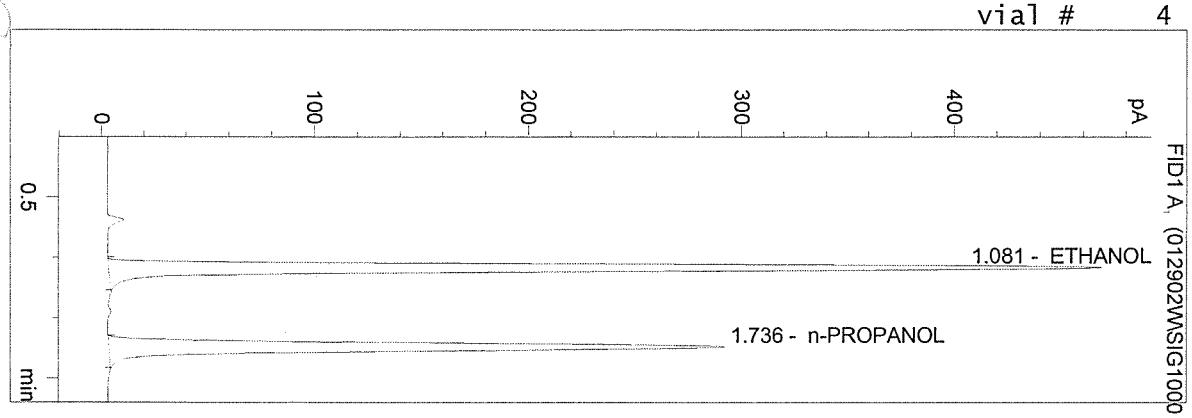
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/29/02 12:22:19 PM
Instrument 3
DR-ALC1

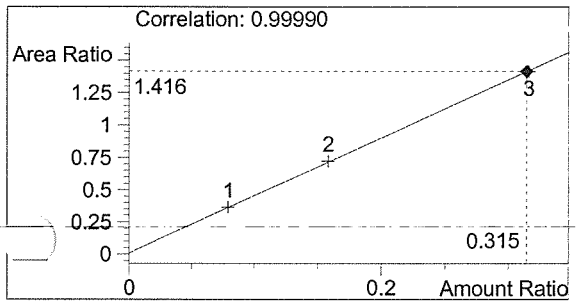
0.316 CAL
WP MARSHALL

vial # 4

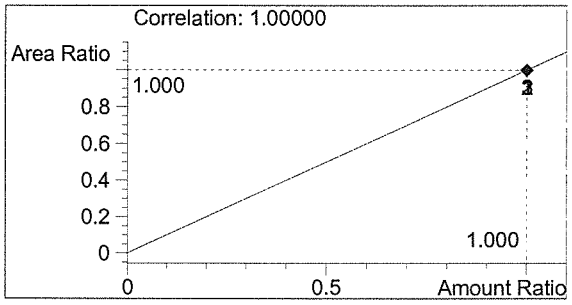


#	Compound	Area	RT
1	ETHANOL	1880	1.081
2	n-PROPANOL	1328	1.736

Totals:



ETHANOL 0.315 mg/L



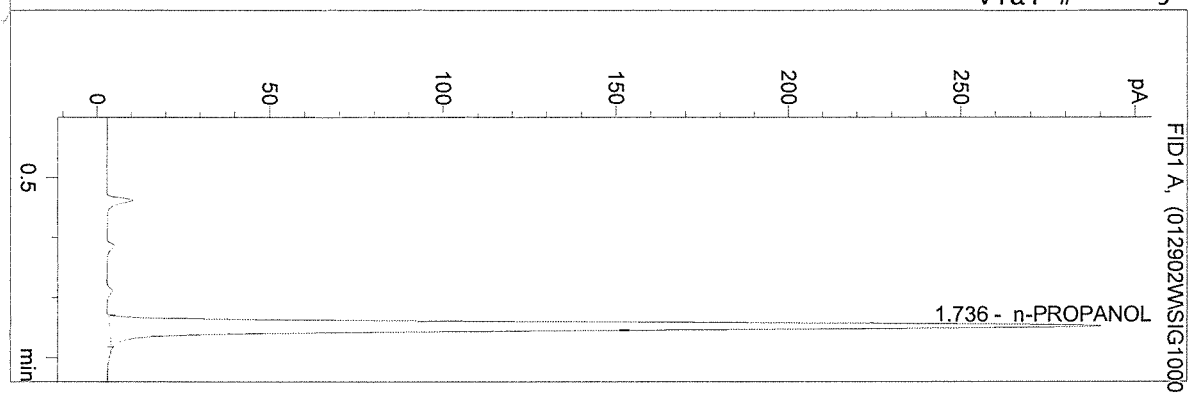
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/29/02 12:25:47 PM
Instrument 3
DB-ALC1

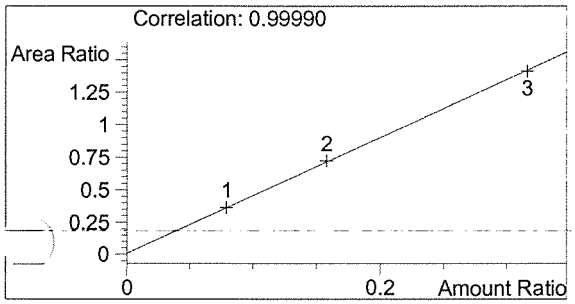
BLANK
WP MARSHALL

vial # 5

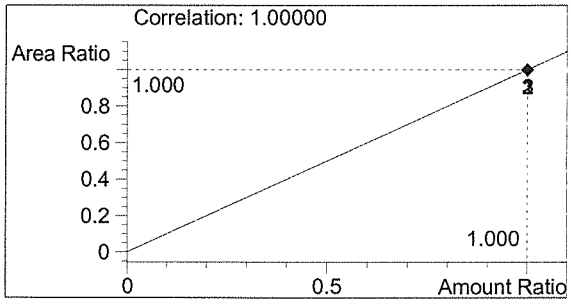


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1320	1.736

Totals:



ETHANOL 0.000 mg/L



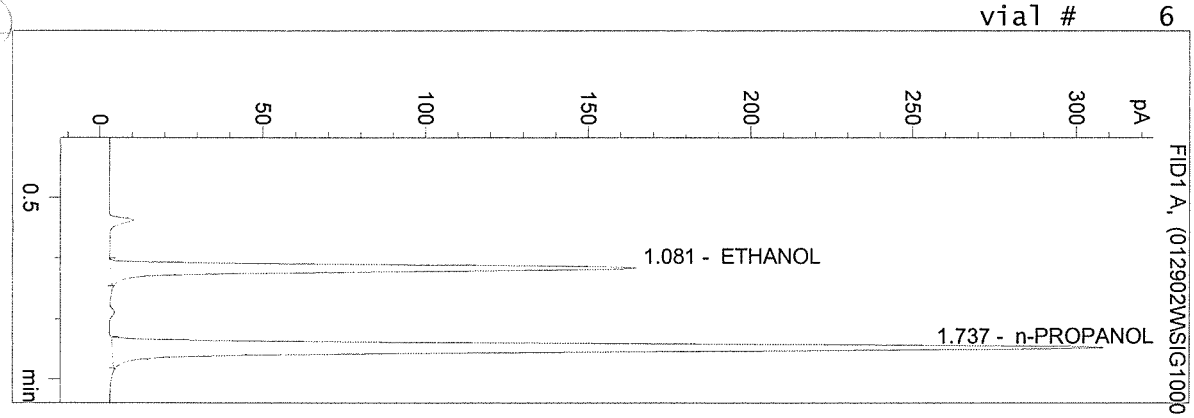
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/29/02 12:28:58 PM
Instrument 3
DR-ALC1

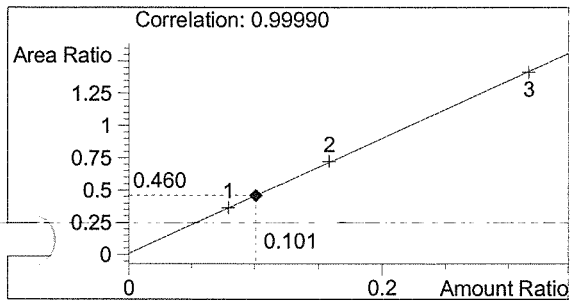
0.101 CAP
WP MARSHALL

vial # 6

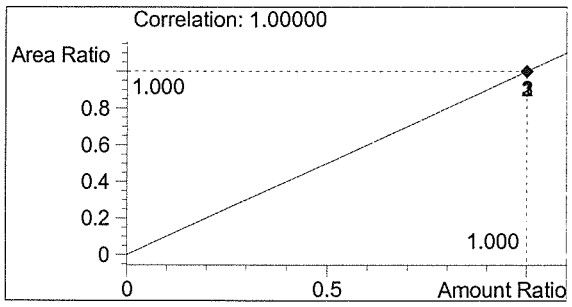


#	Compound	Area	RT
1	ETHANOL	642	1.081
2	n-PROPANOL	1394	1.737

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY Std's + Controls in 020651

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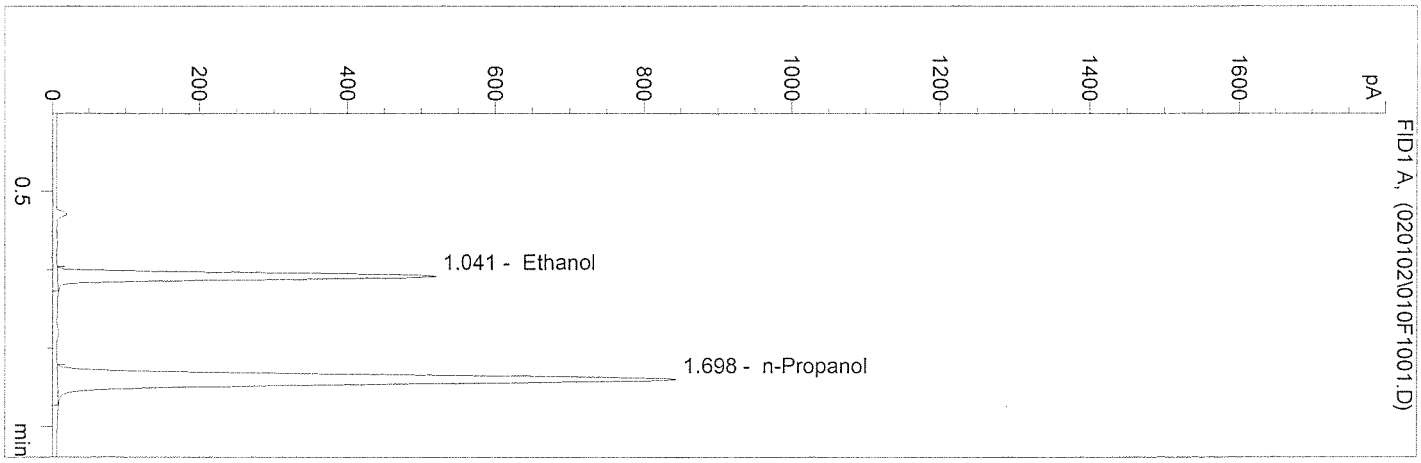
Instrument 1
DB-ALC1

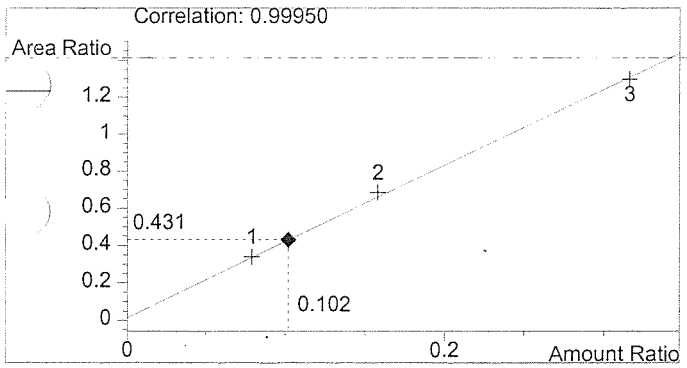
02001 SIM SOL
RUTH LUTHI

vial # 10

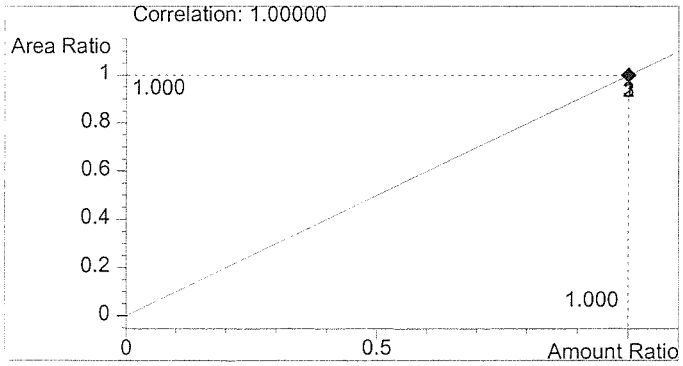


#	Compound	Area	RT
1	Ethanol	1496	1.041
2	n-Propanol	3470	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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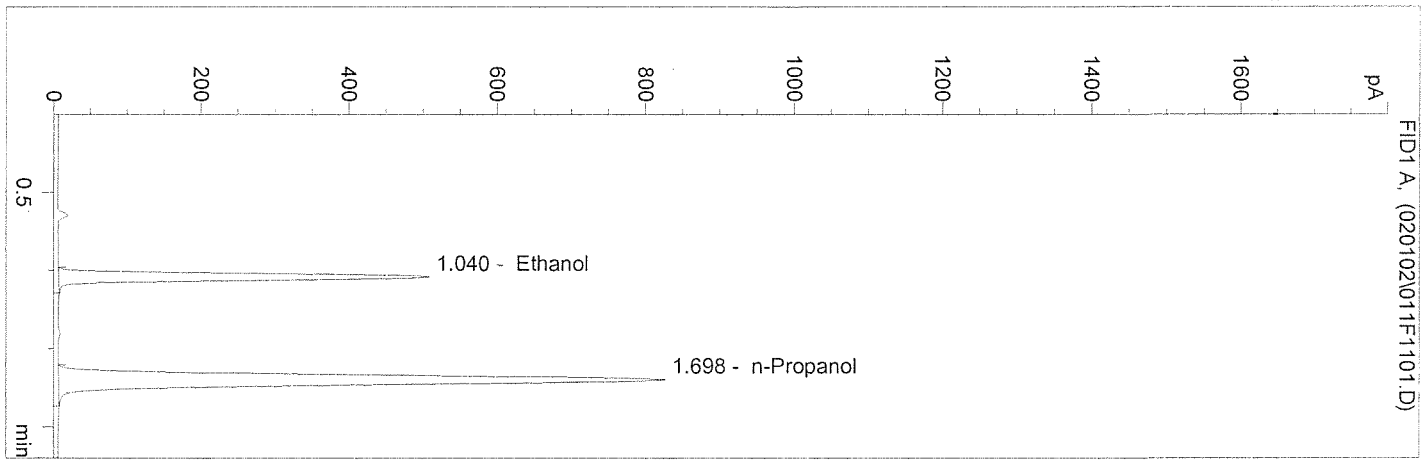
2/1/02 8:59:49 AM
Instrument 1
DB-ALC1

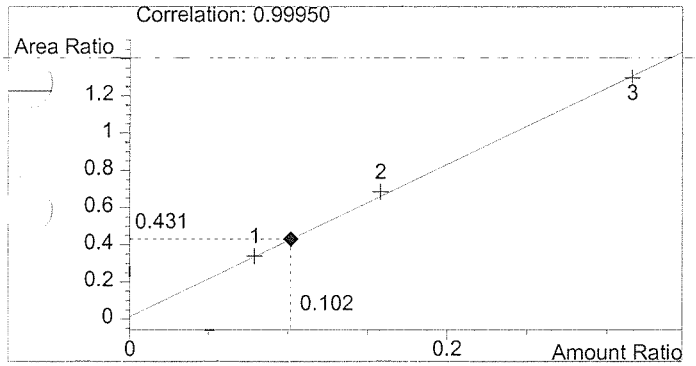
02001 SIM SOL
RUTH LUTHI

vial # 11

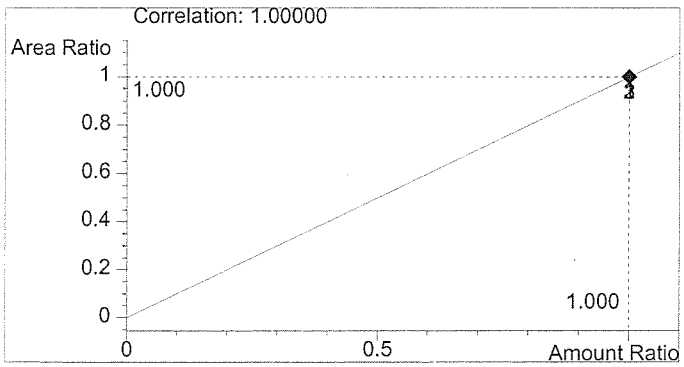


#	Compound	Area	RT
1	Ethanol	1467	1.040
2	n-Propanol	3401	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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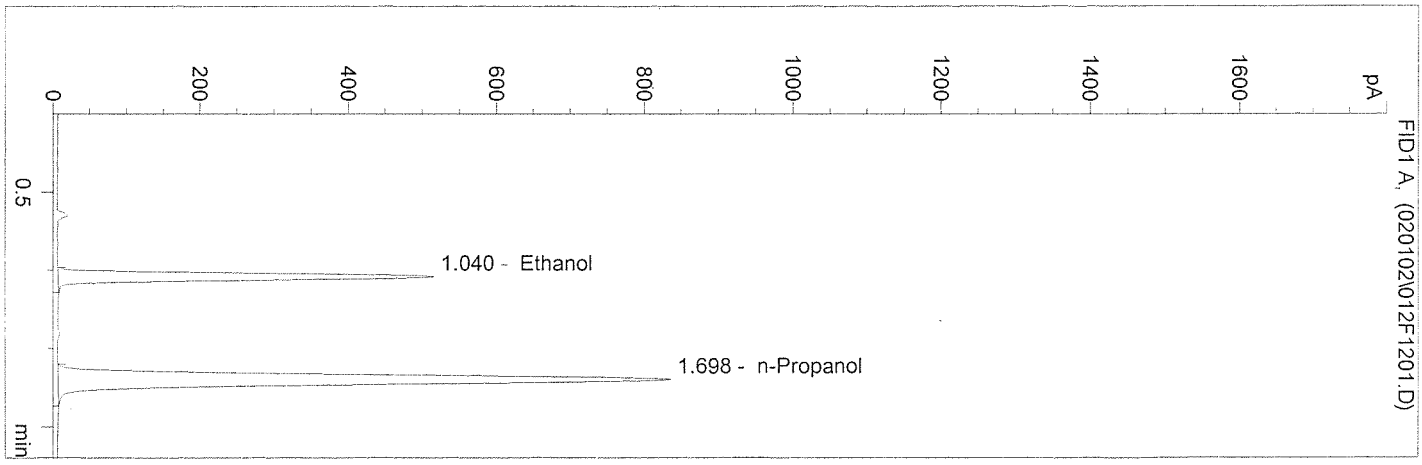
2/1/02 9:02:30 AM
Instrument 1
DB-ALC1

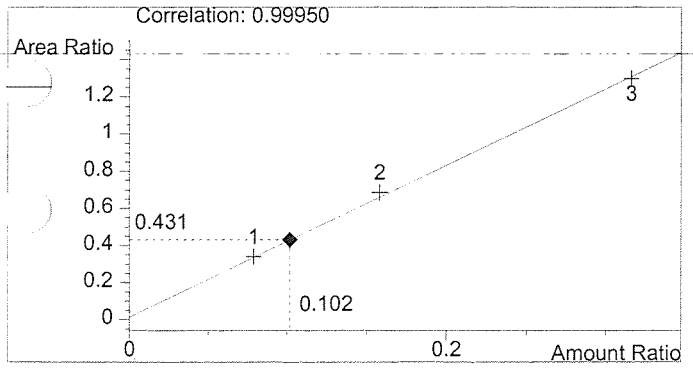
02001 SIM SOL
RUTH LUTHI

vial # 12

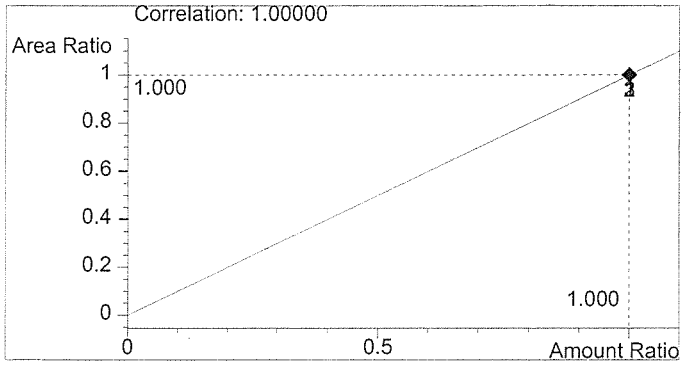


#	Compound	Area	RT
1	Ethanol	1482	1.040
2	n-Propanol	3436	1.698

Totals:



Ethanol 0.102 g/100ml



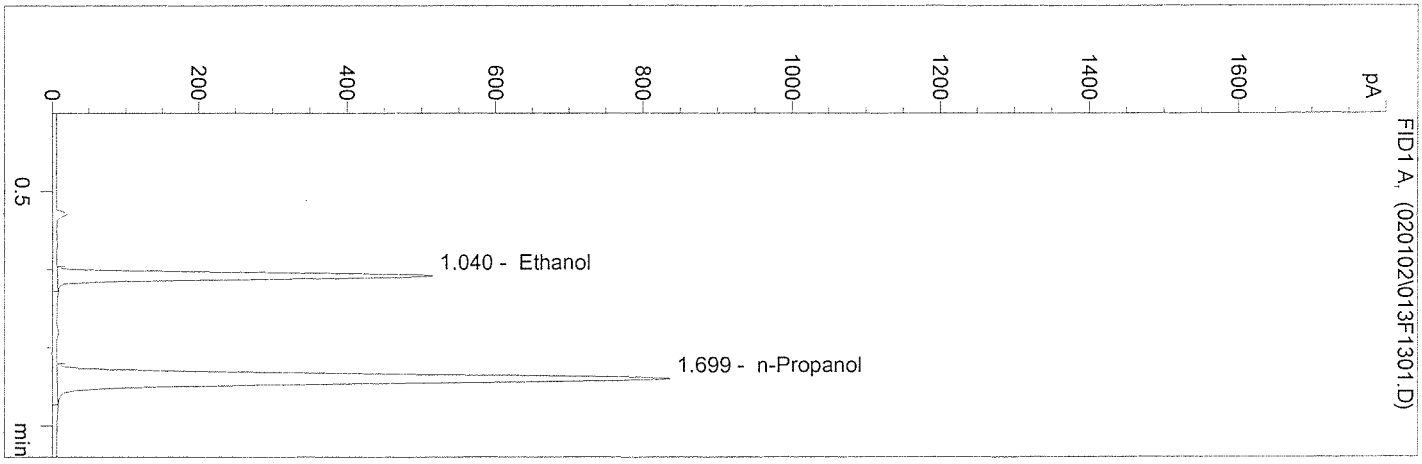
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/1/02 9:05:55 AM
Instrument 1
DB-ALC1

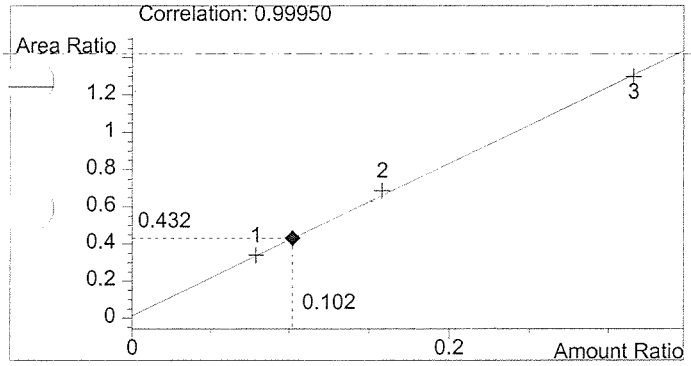
02001 SIM SOL
RUTH LUTHI

vial # 13

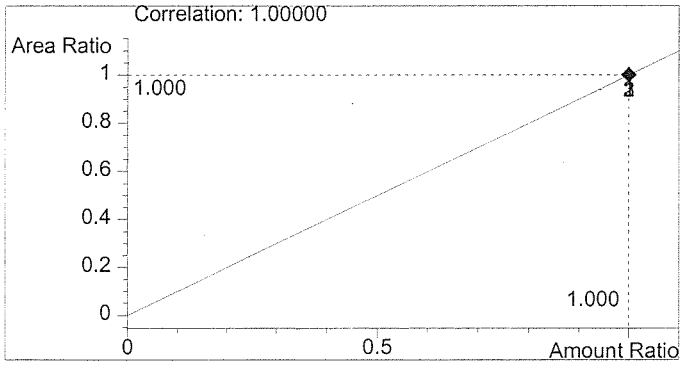


#	Compound	Area	RT
1	Ethanol	1483	1.040
2	n-Propanol	3434	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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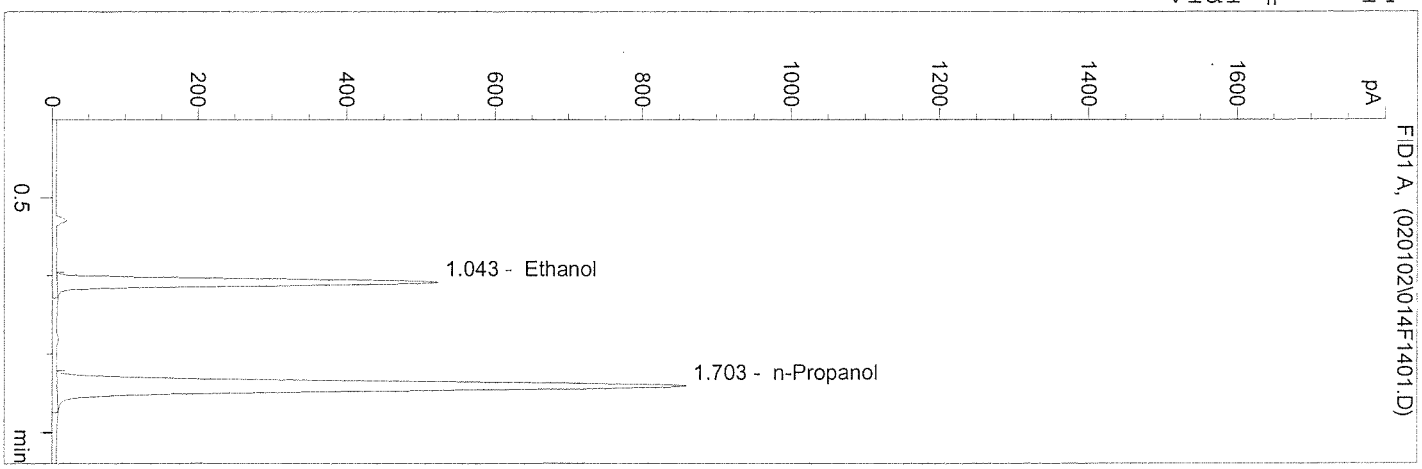
Instrument 1
DB-ALC1

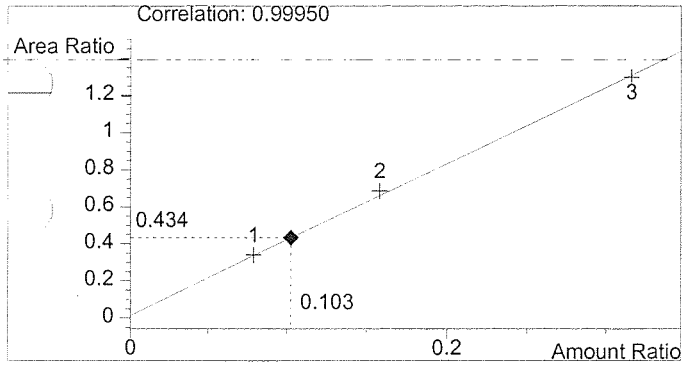
02001 SIM SOL
RUTH LUTHI

vial # 14

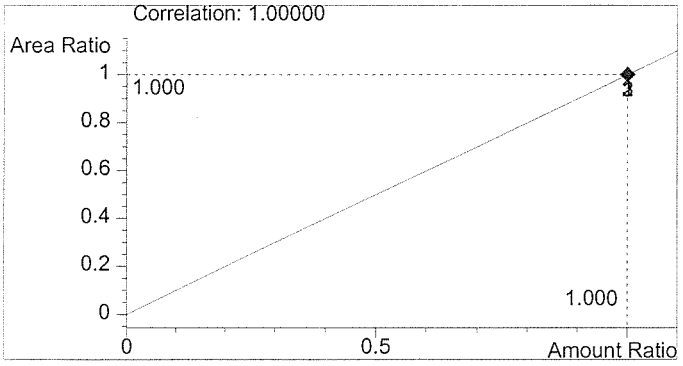


#	Compound	Area	RT
1	Ethanol	1554	1.043
2	n-Propanol	3578	1.703

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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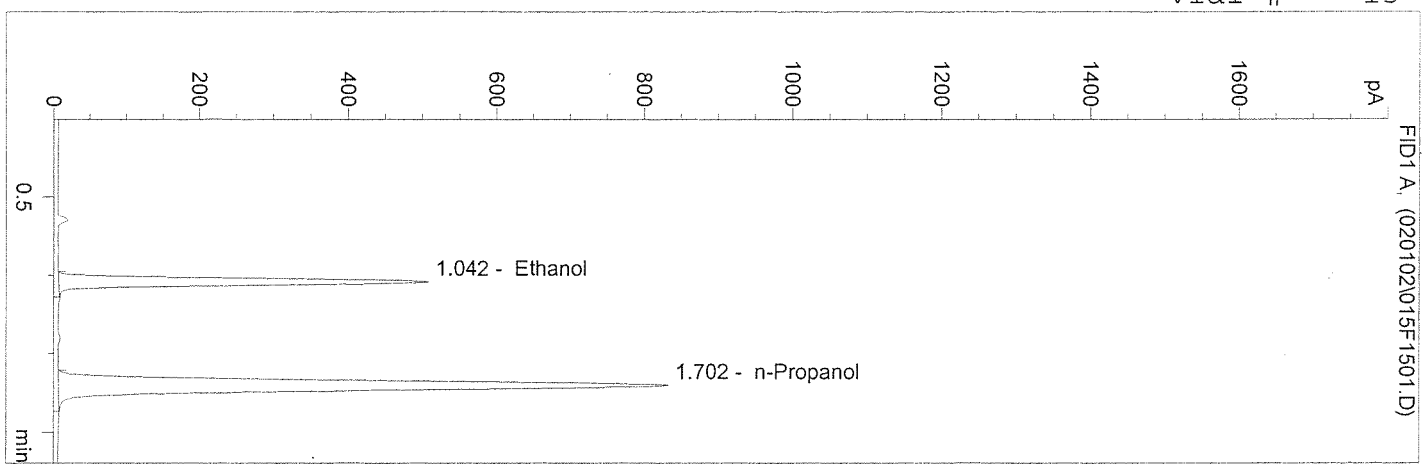
2/1/02 9:11:22 AM
Instrument 1
DB-ALC1

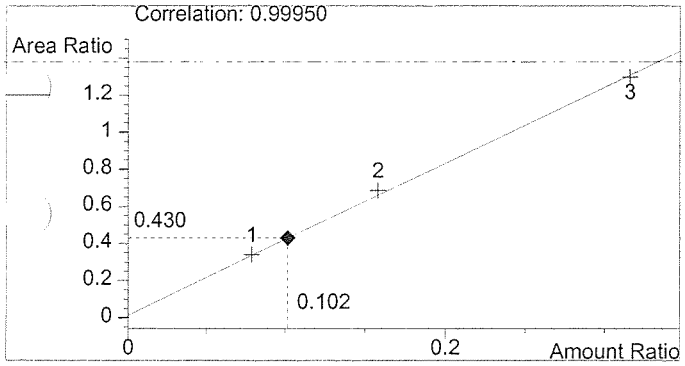
0.101 CAP
RUTH LUTHI

vial # 15

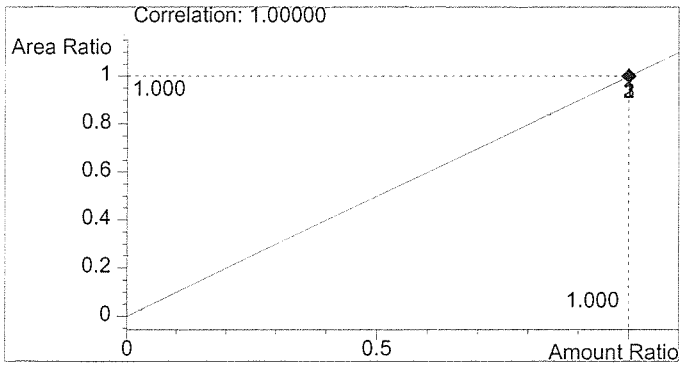


#	Compound	Area	RT
1	Ethanol	1475	1.042
2	n-Propanol	3429	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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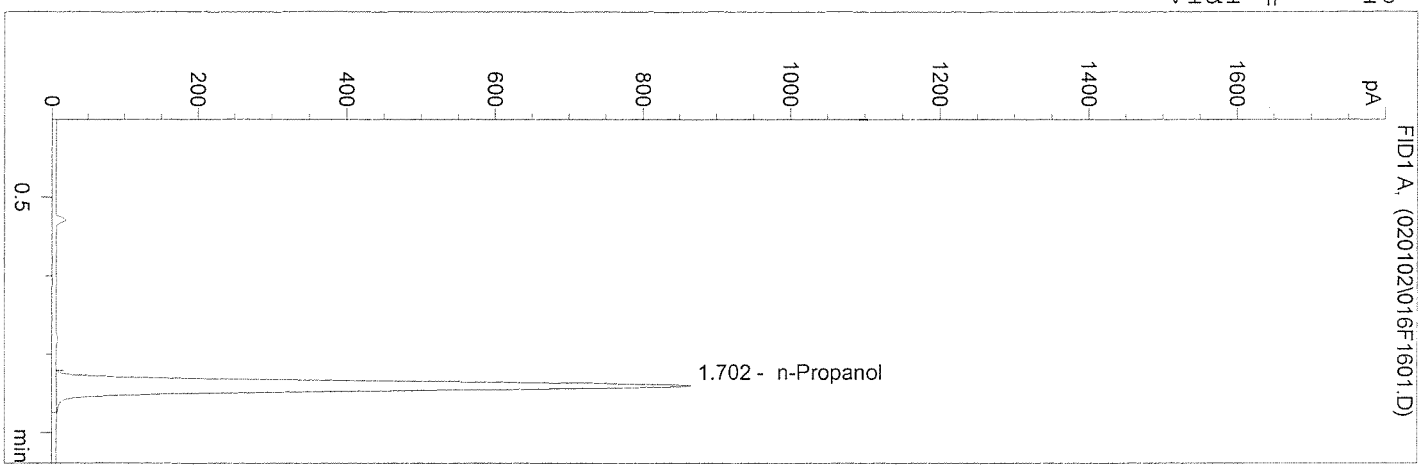
2/1/02 9:14:13 AM
Instrument 1
DB-ALC1

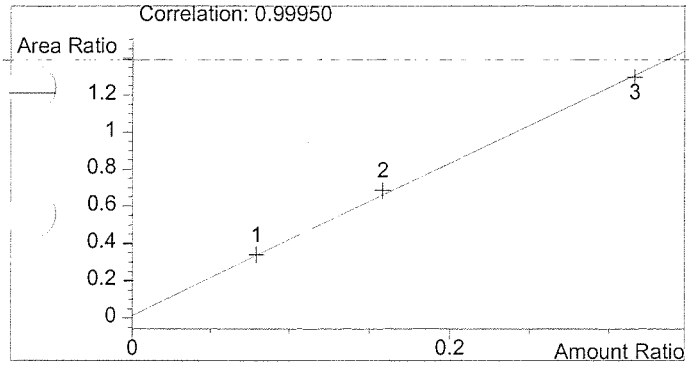
BLANK
RUTH LUTHI

vial # 16

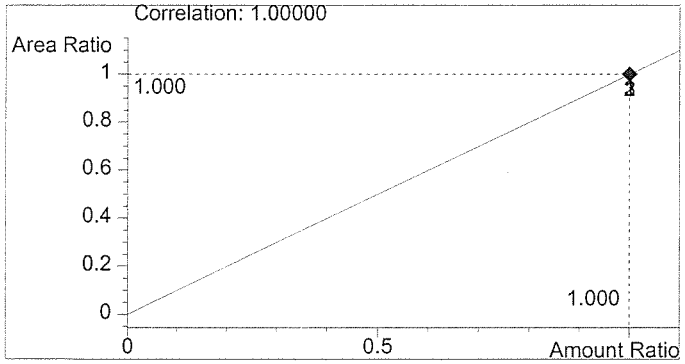


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3570	1.702

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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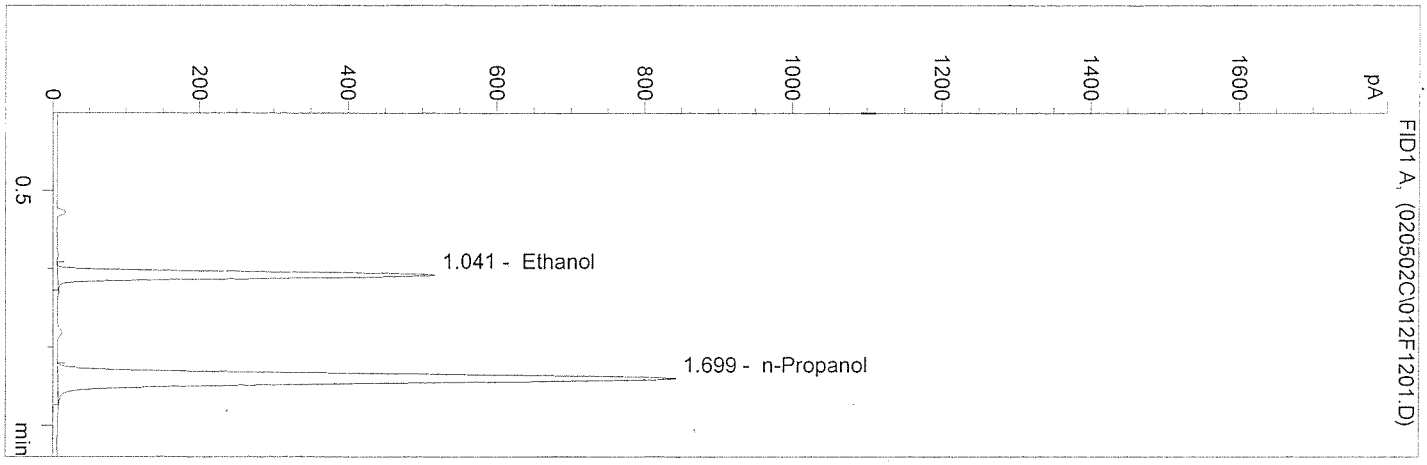
2/5/02 9:31:19 AM
Instrument 1
-ALC1

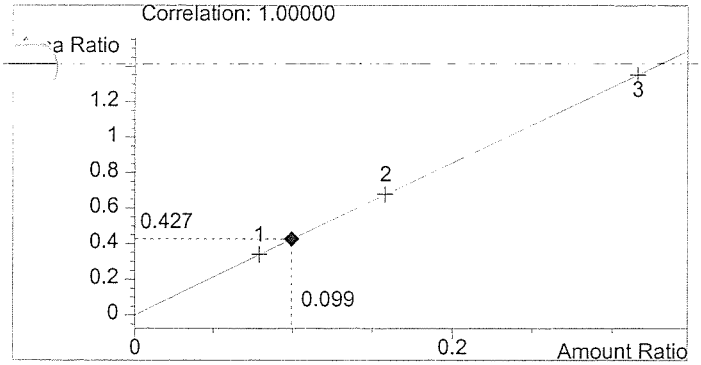
02001 SIM SOLN
M PEMBERTON

vial # 12

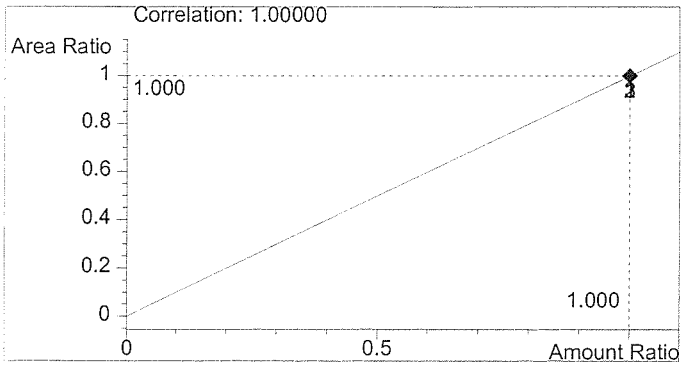


#	Compound	Area	RT
1	Ethanol	1475	1.041
2	n-Propanol	3456	1.699

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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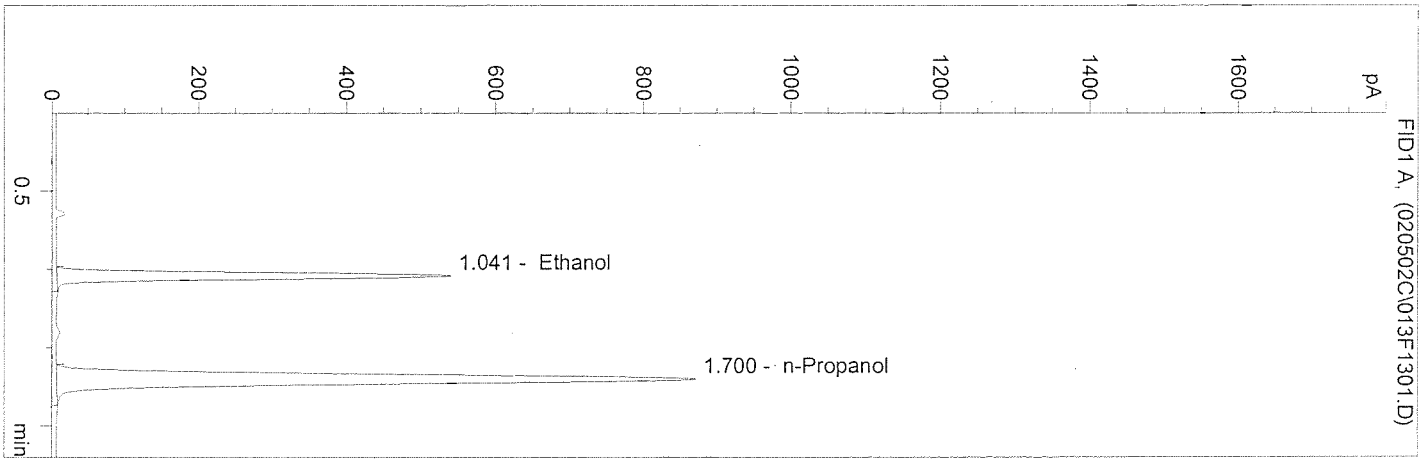
Instrument 1
-ALC1

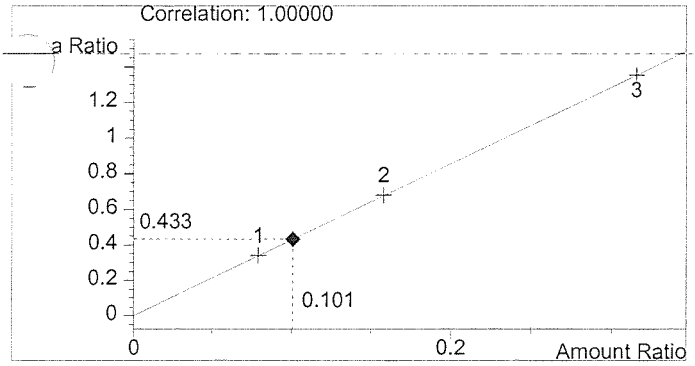
02001 SIM SOLN
M PEMBERTON

vial # 13

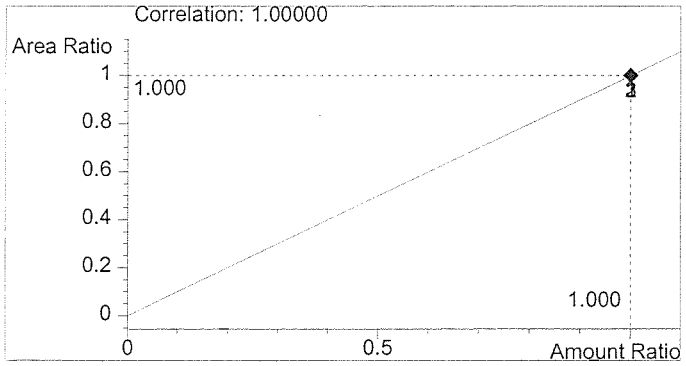


#	Compound	Area	RT
1	Ethanol	1553	1.041
2	n-Propanol	3587	1.700

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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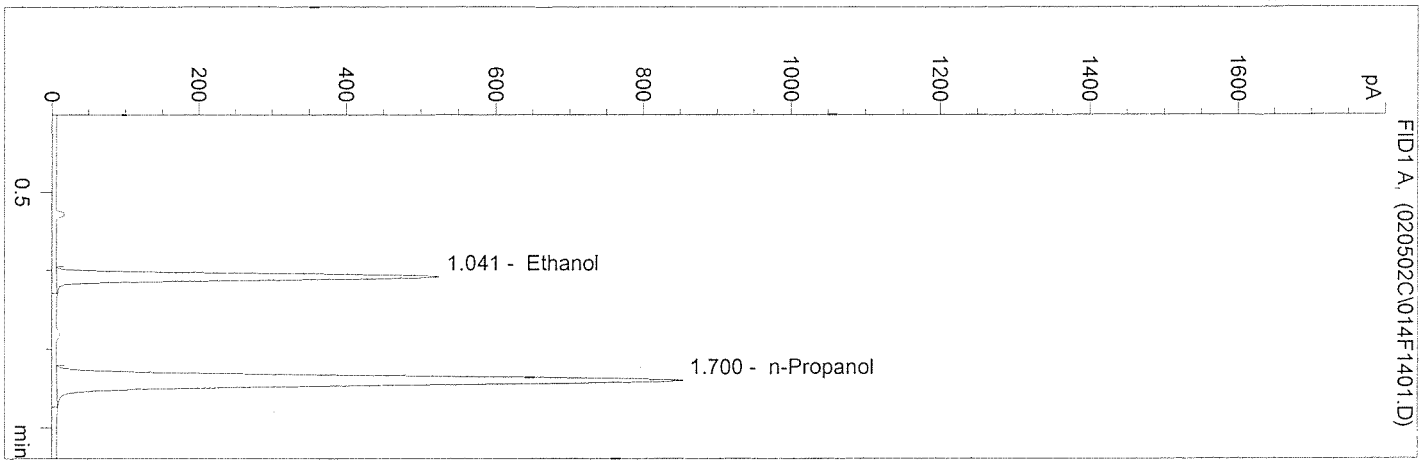
Instrument 1
-ALC1

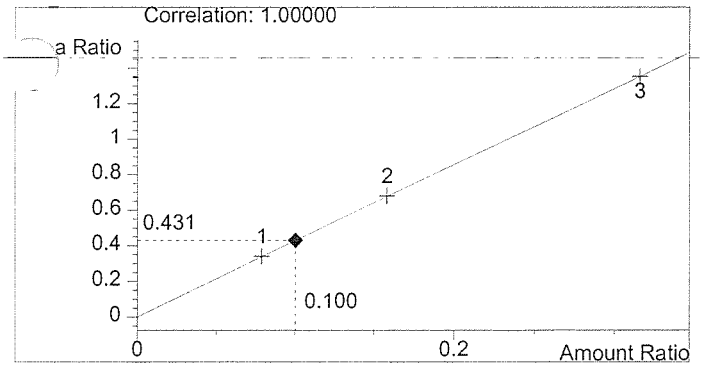
02001 SIM SOLN
M PEMBERTON

vial # 14

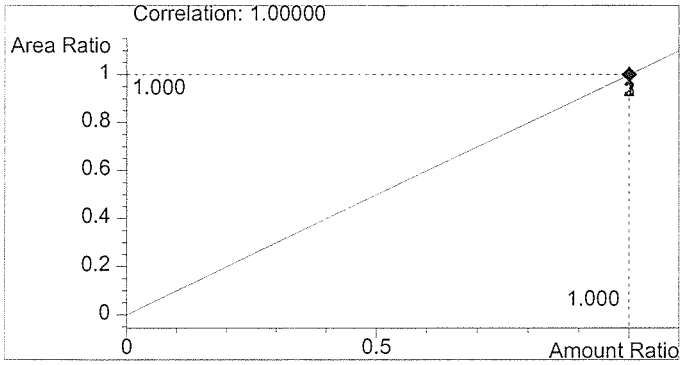


#	Compound	Area	RT
1	Ethanol	1509	1.041
2	n-Propanol	3504	1.700

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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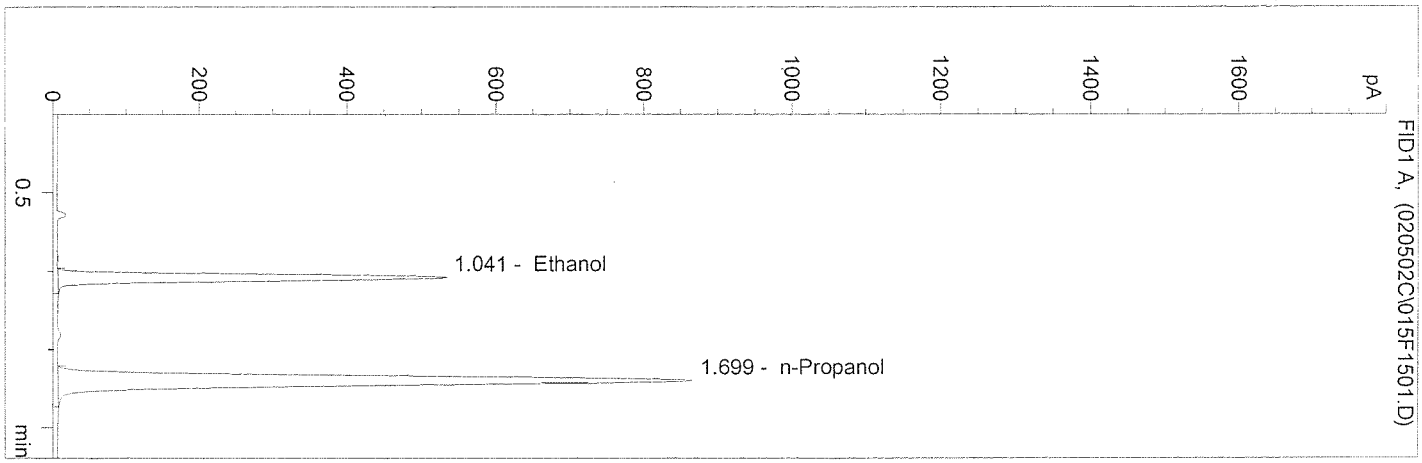
Instrument 1
-ALC1

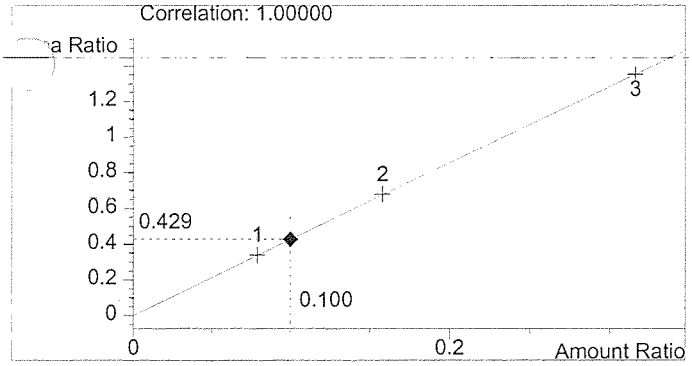
02001 SIM SOLN
M PEMBERTON

vial # 15

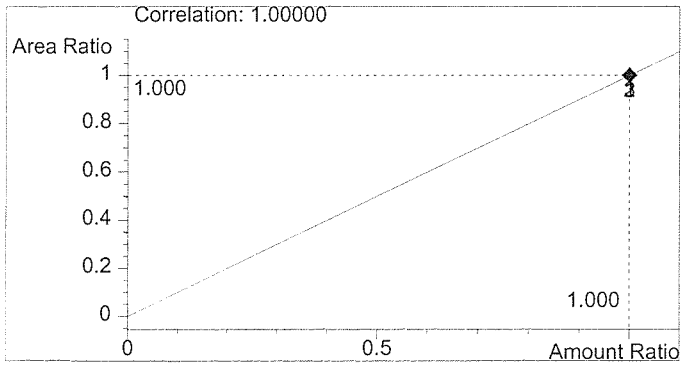


#	Compound	Area	RT
1	Ethanol	1522	1.041
2	n-Propanol	3549	1.699

Totals:



Ethanol 0.100 g/100ml



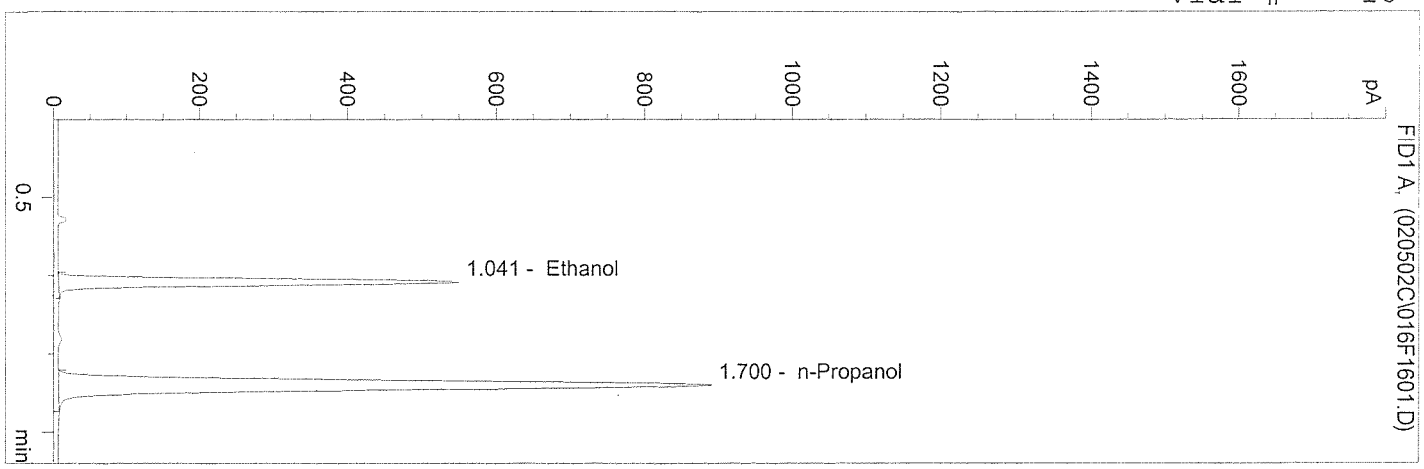
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/5/02 9:42:58 AM
Instrument 1
)-ALC1

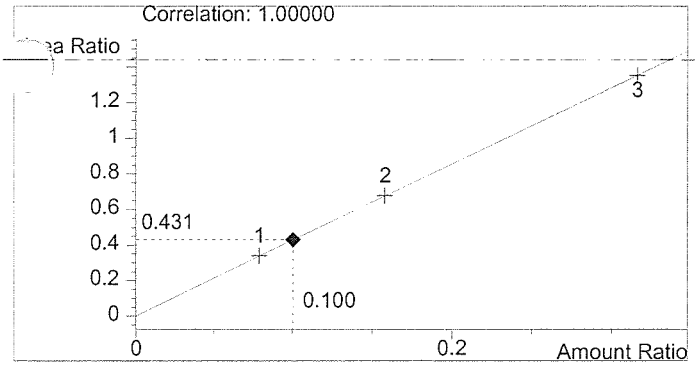
02001 SIM SOLN
M PEMBERTON

vial # 16

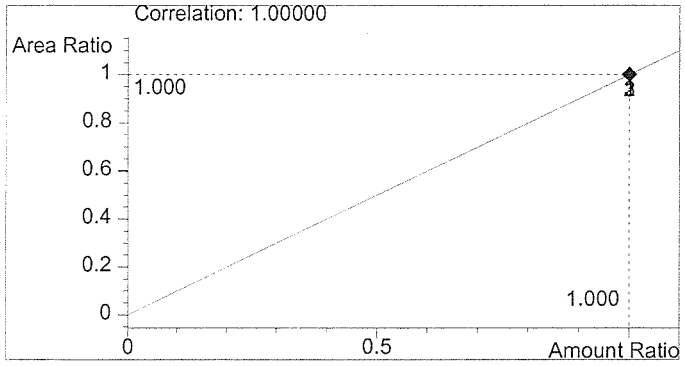


#	Compound	Area	RT
1	Ethanol	1572	1.041
2	n-Propanol	3646	1.700

Totals:



Ethanol 0.100 g/100ml



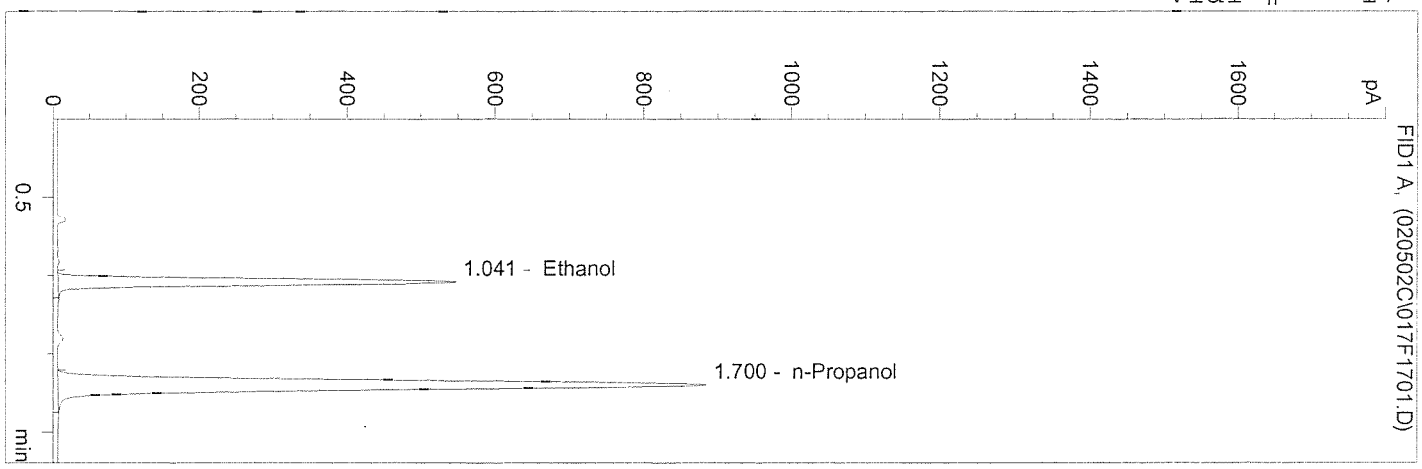
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/5/02 9:46:19 AM
Instrument 1
-ALC1

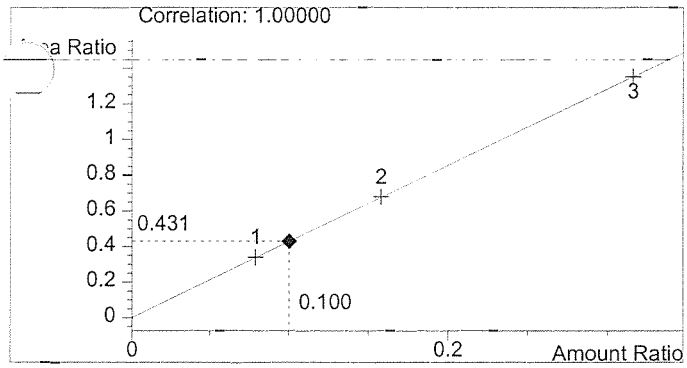
0.101 CAP
M PEMBERTON

vial # 17

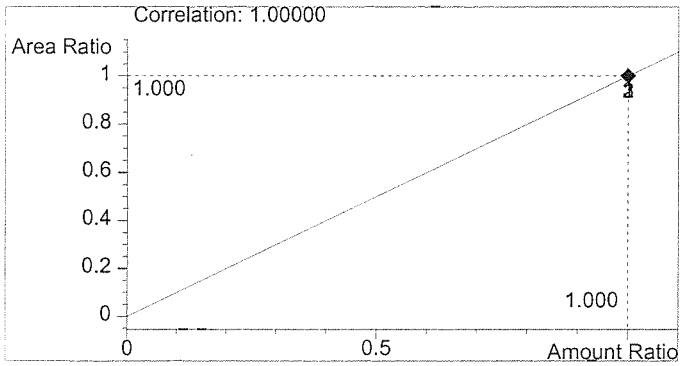


#	Compound	Area	RT
1	Ethanol	1563	1.041
2	n-Propanol	3626	1.700

Totals:



Ethanol 0.100 g/100ml



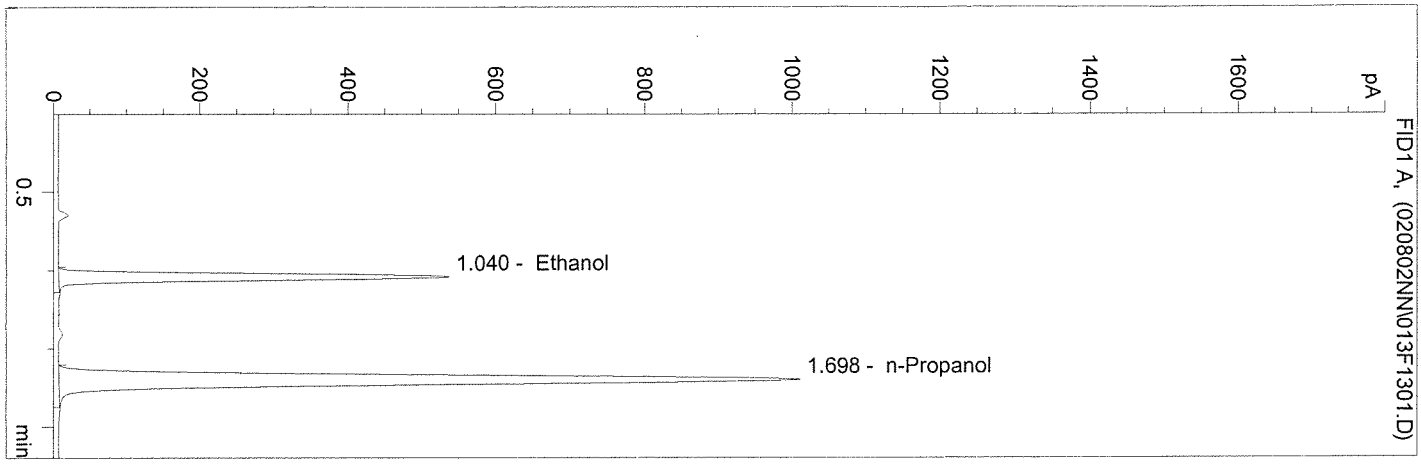
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/8/02 3:27:32 PM
Instrument 1
DB-ALC1

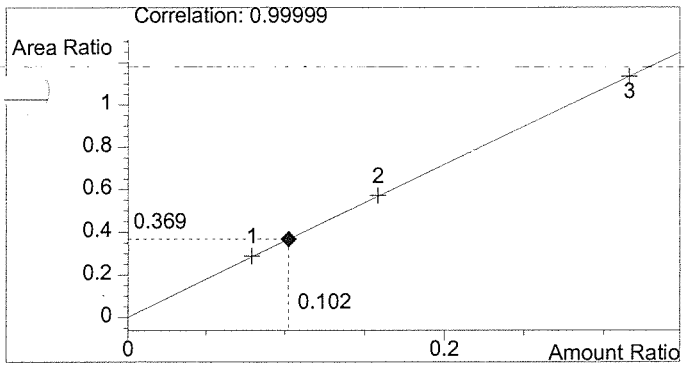
02001 SIM
Naziha Nuwayhid, PhD

vial # 13

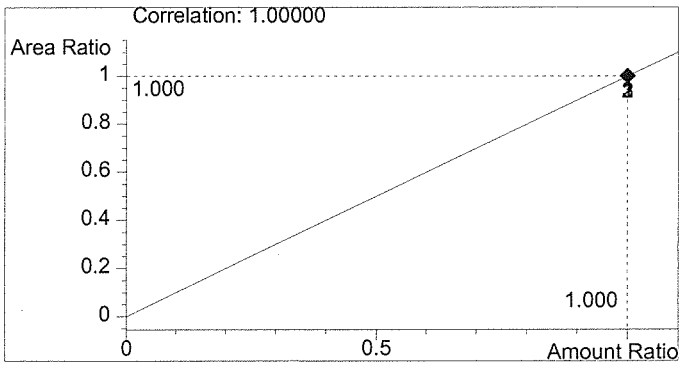


#	Compound	Area	RT
1	Ethanol	1535	1.040
2	n-Propanol	4162	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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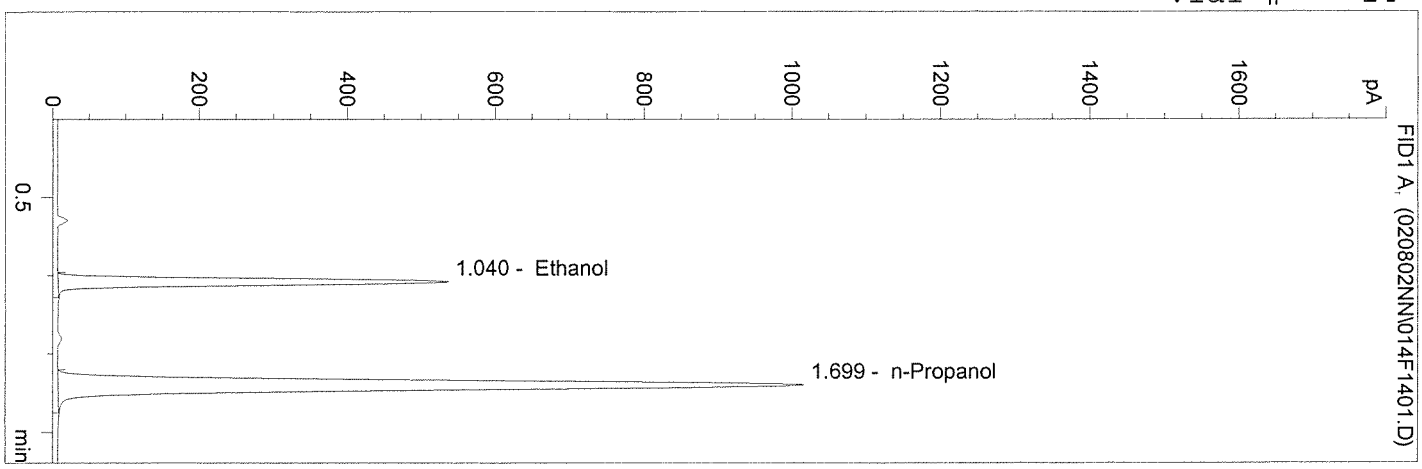
Instrument 1
DB-ALC1

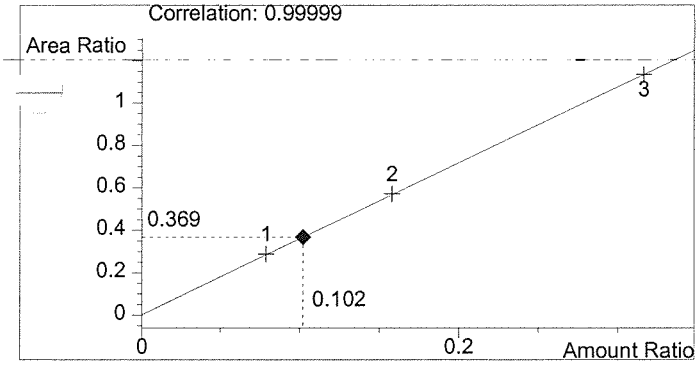
02001 SIM
Naziha Nuwayhid, PhD

vial # 14

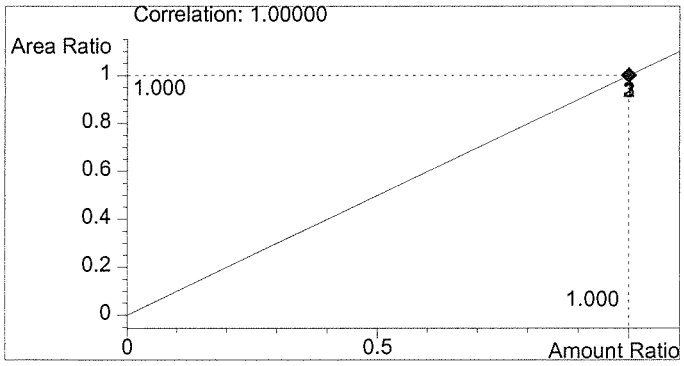


#	Compound	Area	RT
1	Ethanol	1544	1.040
2	n-Propanol	4188	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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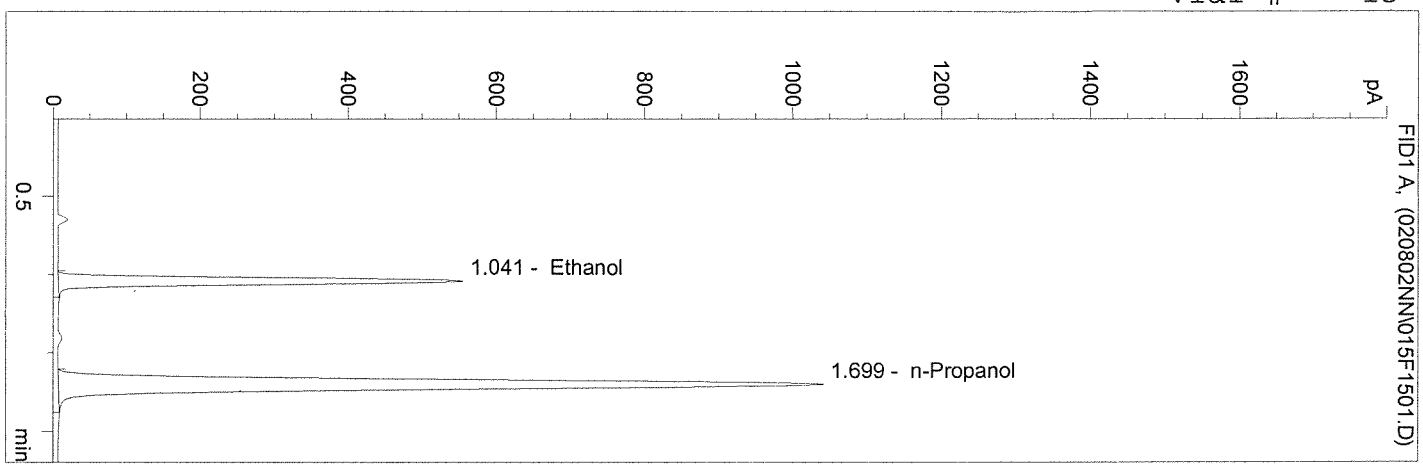
Instrument 1
DB-ALC1

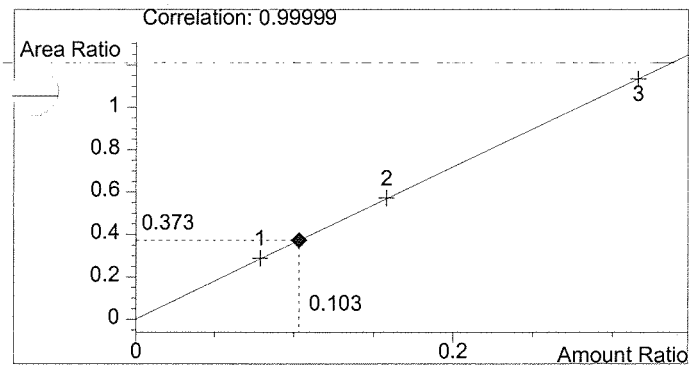
02001 SIM
Naziha Nuwayhid, PhD

vial # 15

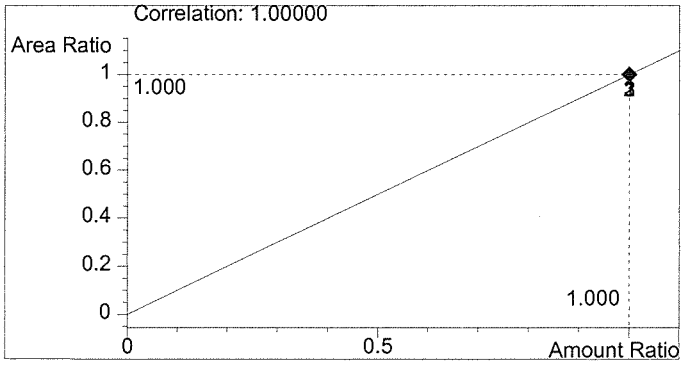


#	Compound	Area	RT
1	Ethanol	1599	1.041
2	n-Propanol	4288	1.699

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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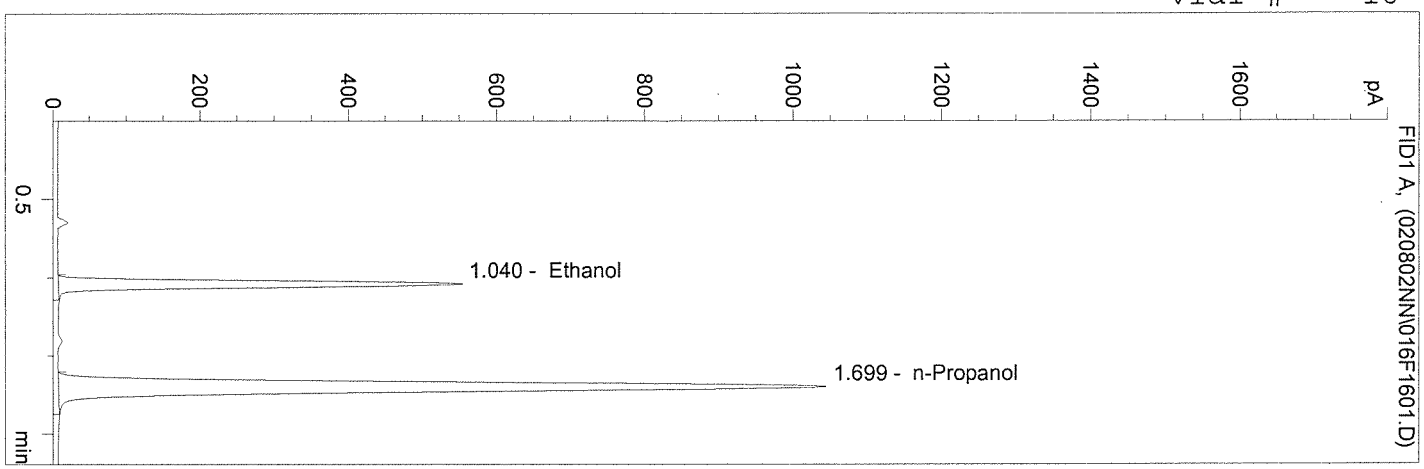
Instrument 1
DB-ALC1

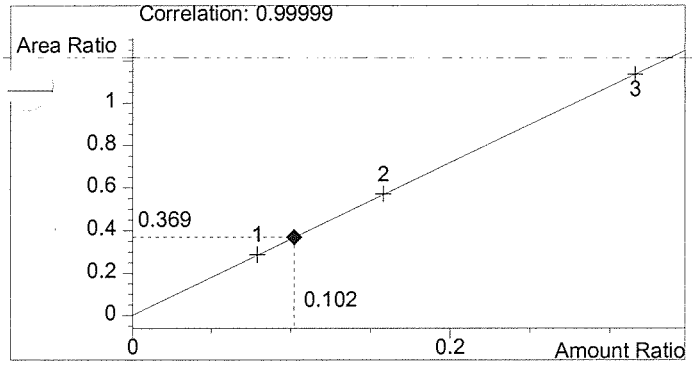
02001 SIM
Naziha Nuwayhid, PhD

vial # 16

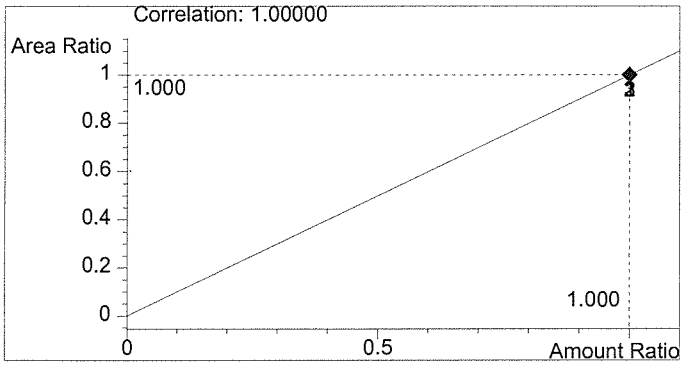


#	Compound	Area	RT
1	Ethanol	1586	1.040
2	n-Propanol	4297	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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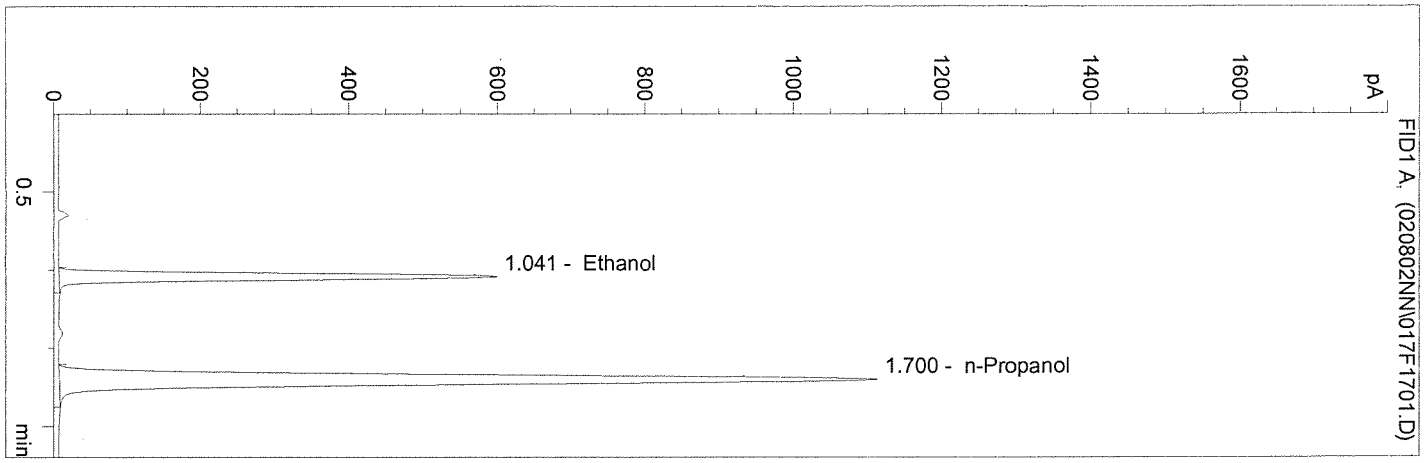
Instrument 1
DB-ALC1

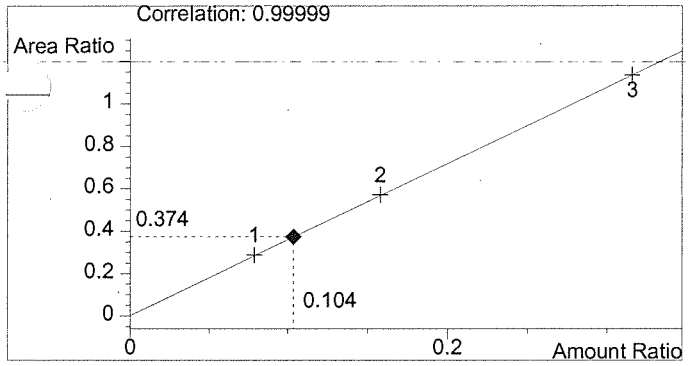
02001 SIM
Naziha Nuwayhid, PhD

vial # 17

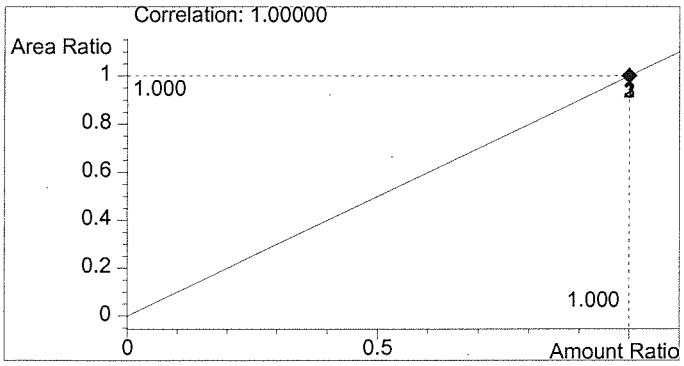


#	Compound	Area	RT
1	Ethanol	1716	1.041
2	n-Propanol	4589	1.700

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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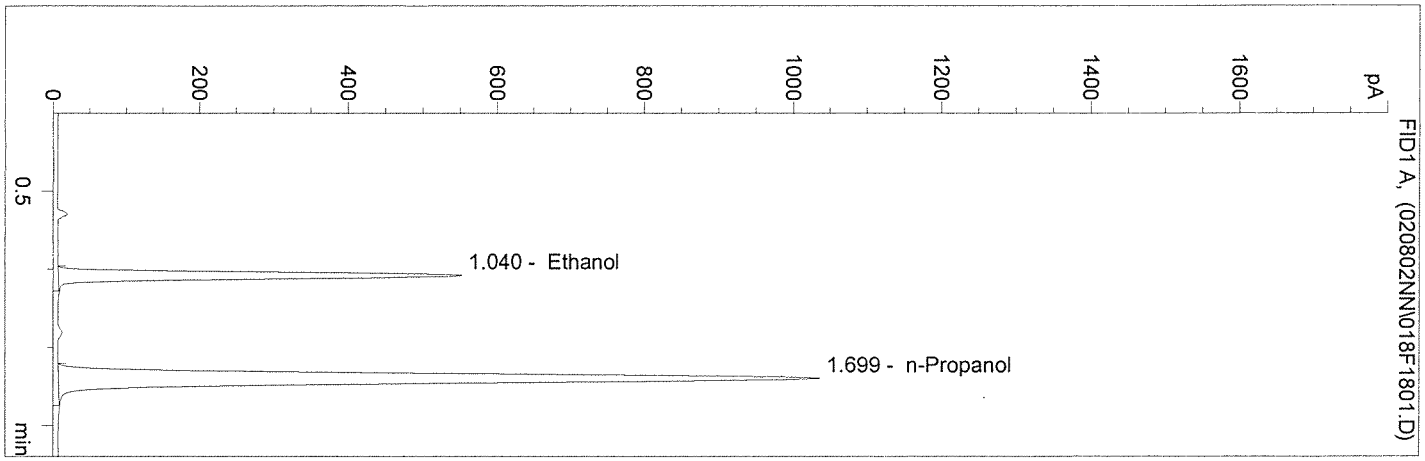
Instrument 1
DB-ALC1

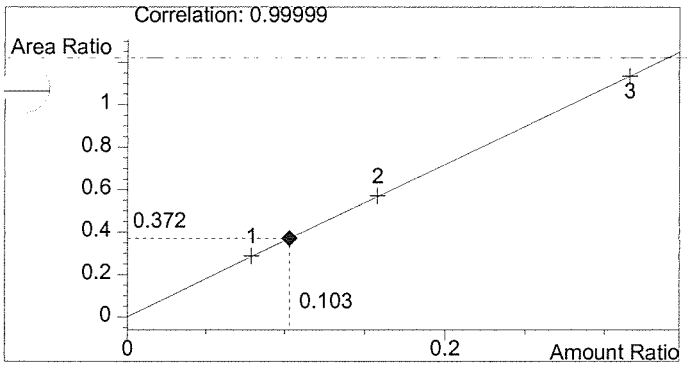
0.101 CAP
Naziha Nuwayhid, PhD

vial # 18

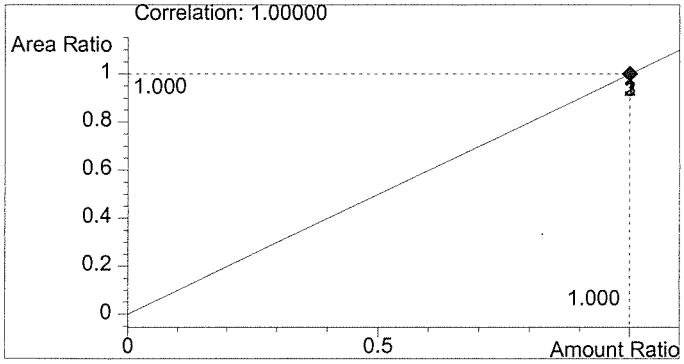


#	Compound	Area	RT
1	Ethanol	1584	1.040
2	n-Propanol	4261	1.699

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
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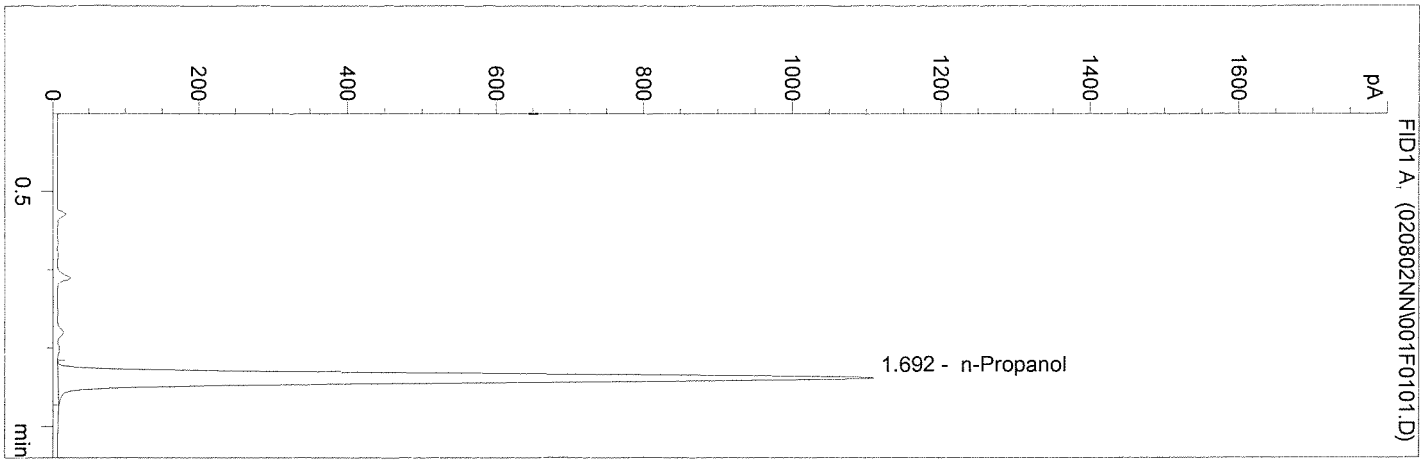
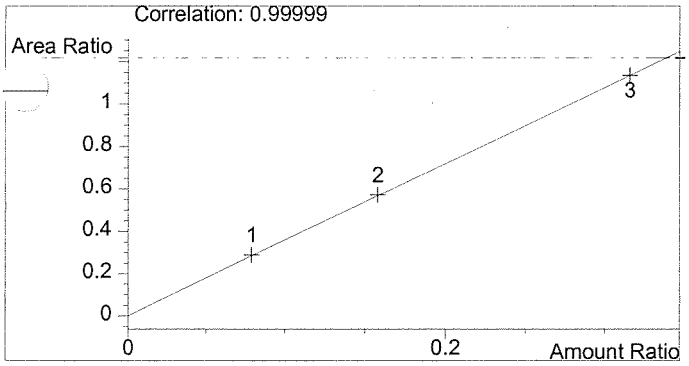
Naziha Nuwayhid, PhD

vial # 1

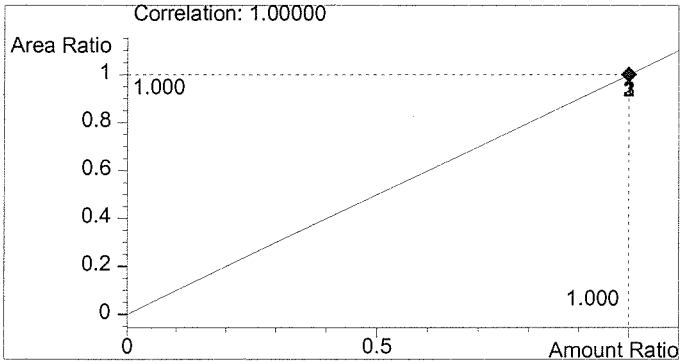


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4422	1.692

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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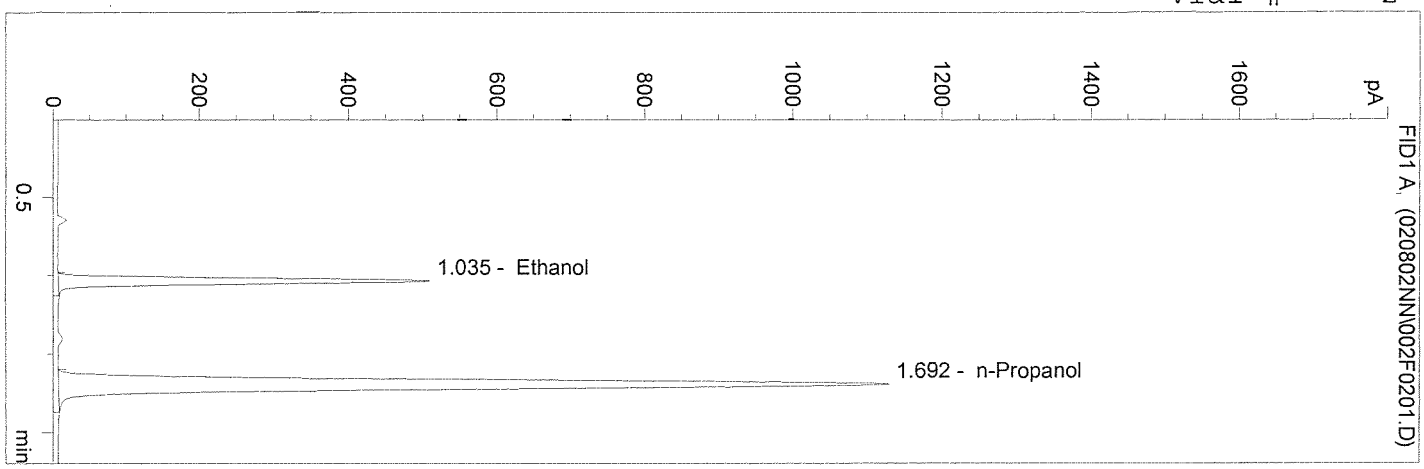
Instrument 1
DB-ALC1

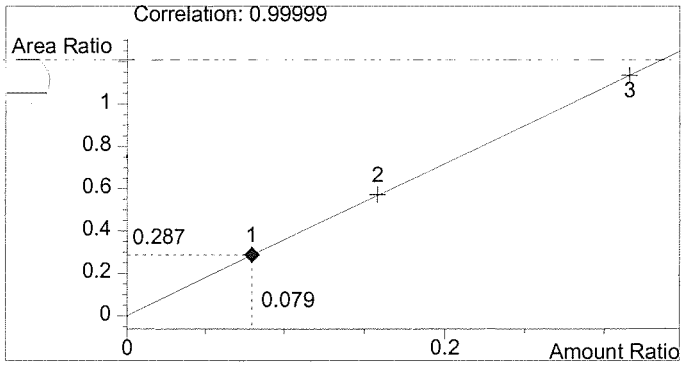
0.079 CALIBRATOR
Naziha Nuwayhid, PhD

vial # 2

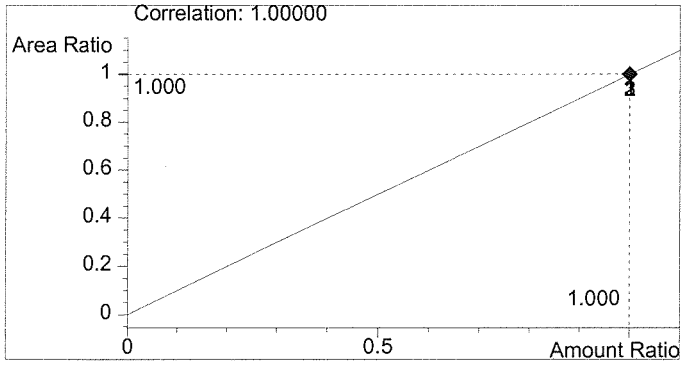


#	Compound	Area	RT
1	Ethanol	1297	1.035
2	n-Propanol	4513	1.692

Totals:



Ethanol 0.079 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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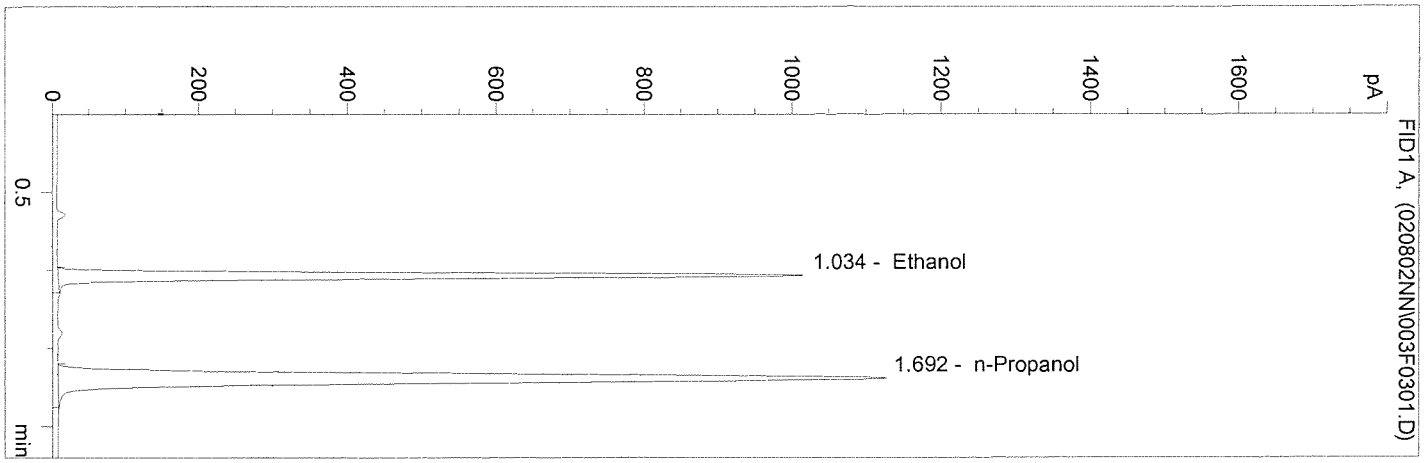
Instrument 1
DB-ALC1

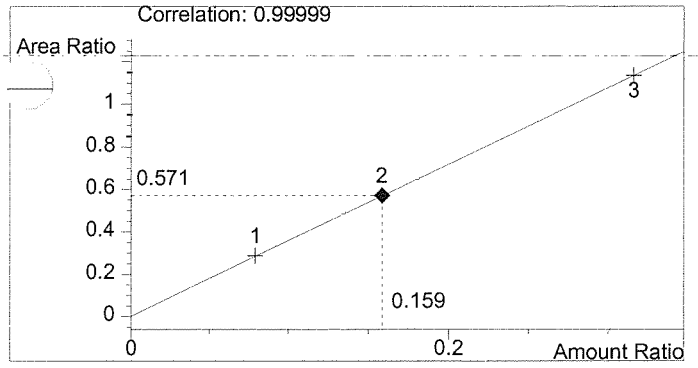
0.158 CALIBRATOR
Naziha Nuwayhid, PhD

vial # 3

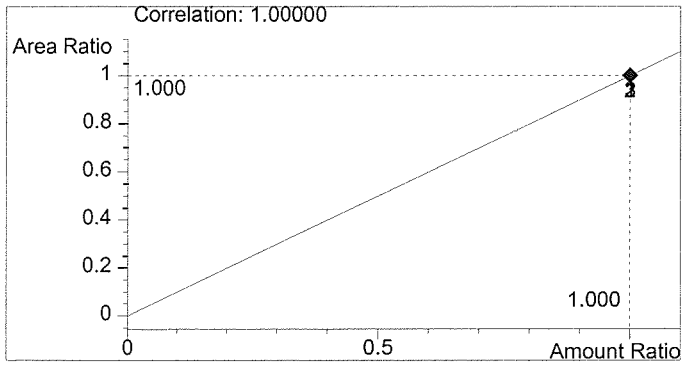


#	Compound	Area	RT
1	Ethanol	2551	1.034
2	n-Propanol	4466	1.692

Totals:



Ethanol 0.159 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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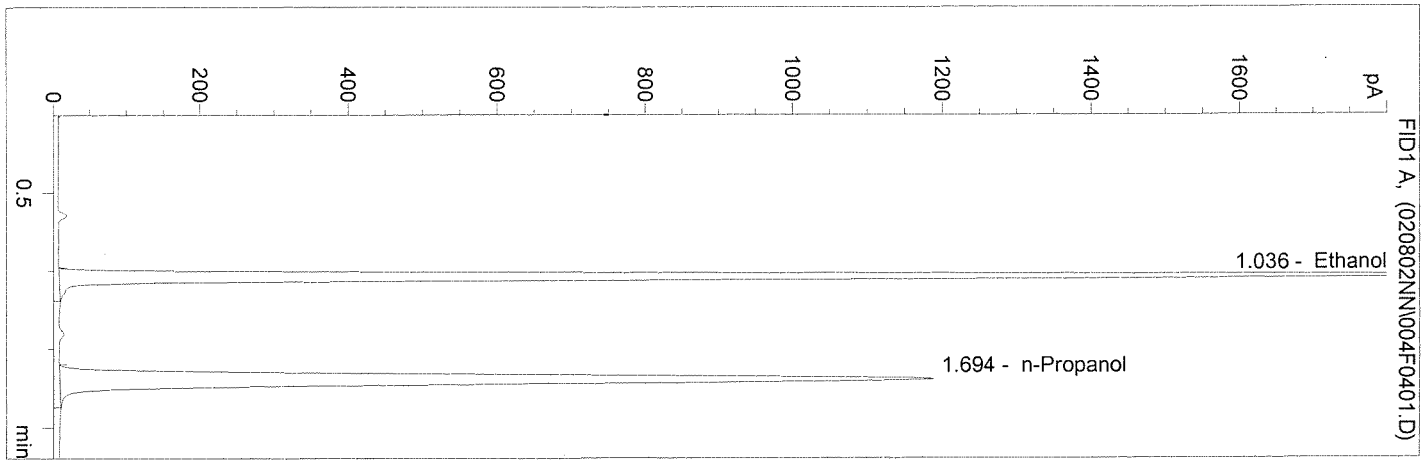
Instrument 1
DB-ALC1

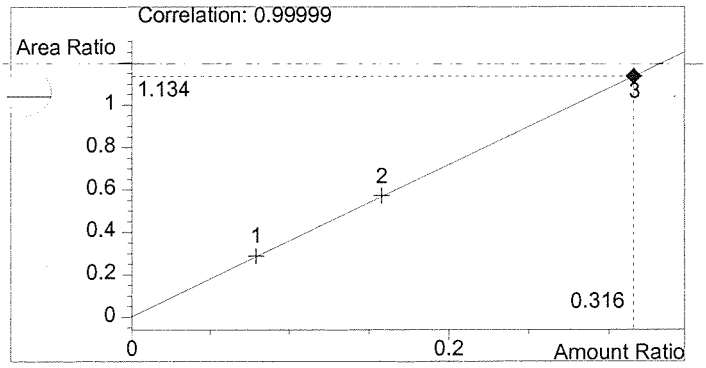
0.316 CALIBRATOR
Naziha Nuwayhid, PhD

vial # 4

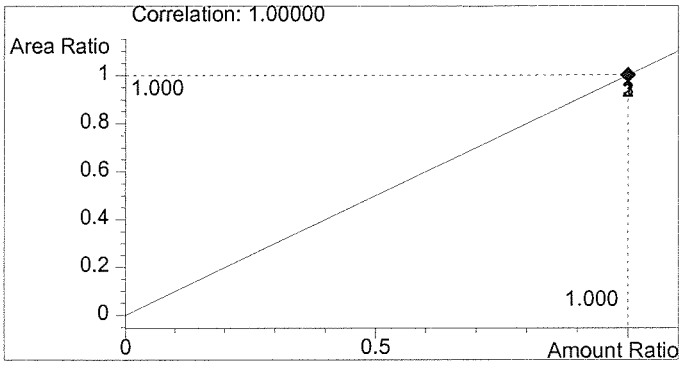


#	Compound	Area	RT
1	Ethanol	5445	1.036
2	n-Propanol	4801	1.694

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
DB-ALC1

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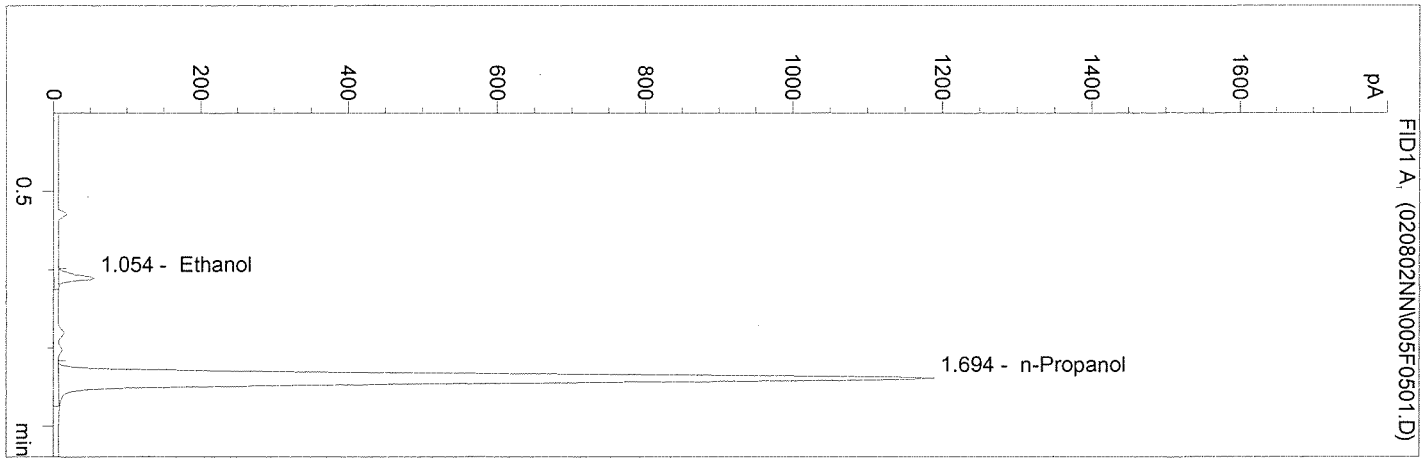
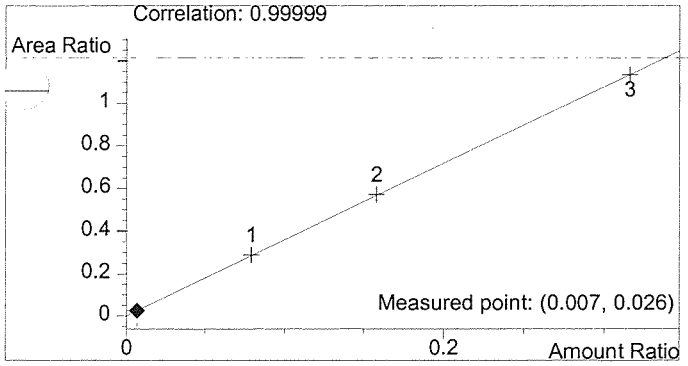
Naziha Nuwayhid, PhD

vial # 5

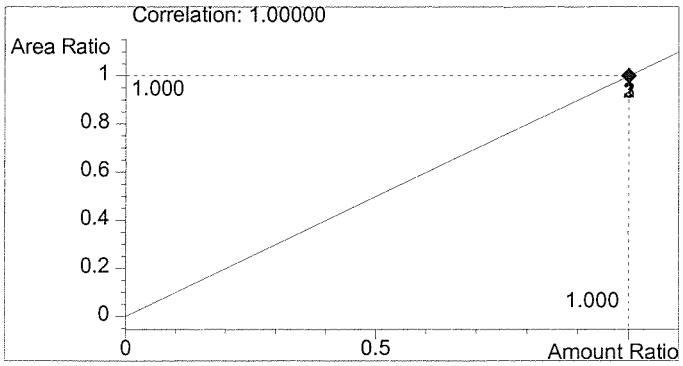


#	Compound	Area	RT
1	Ethanol	127	1.054
2	n-Propanol	4799	1.694

Totals:



Ethanol 0.007 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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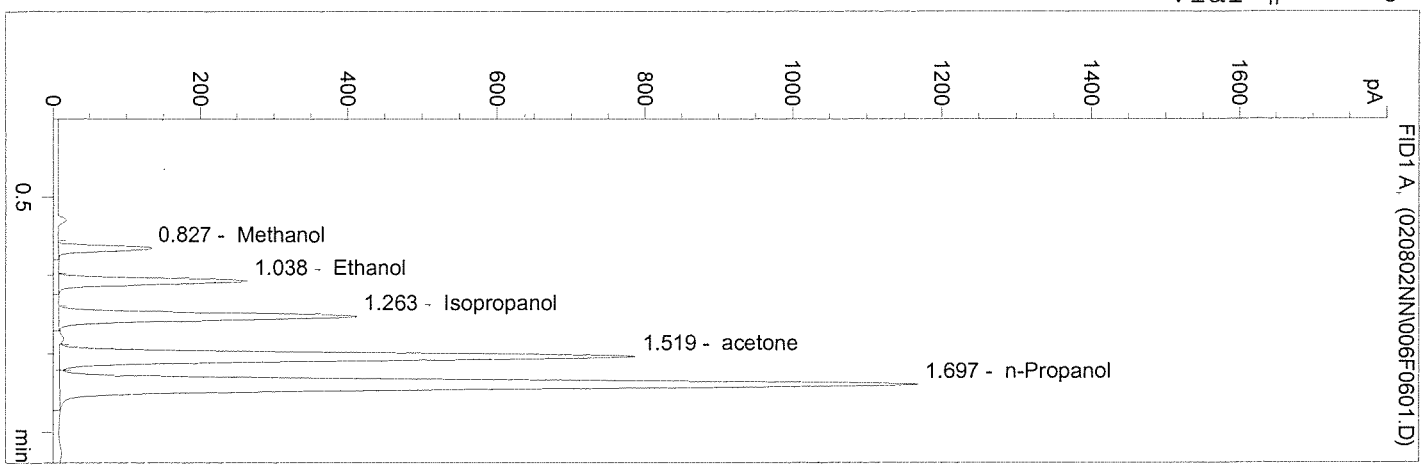
Instrument 1
DB-ALC1

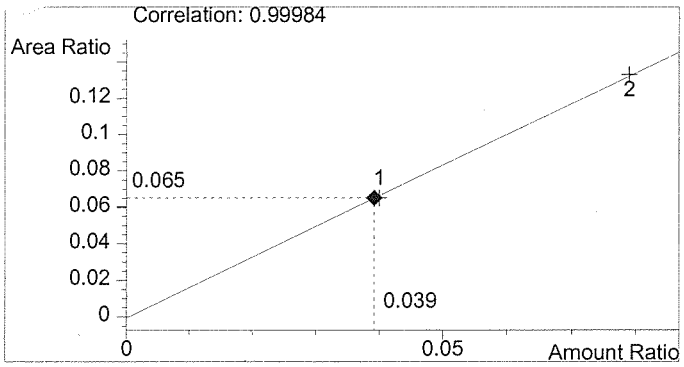
0.04 MIX
Naziha Nuwayhid, PhD

vial # 6

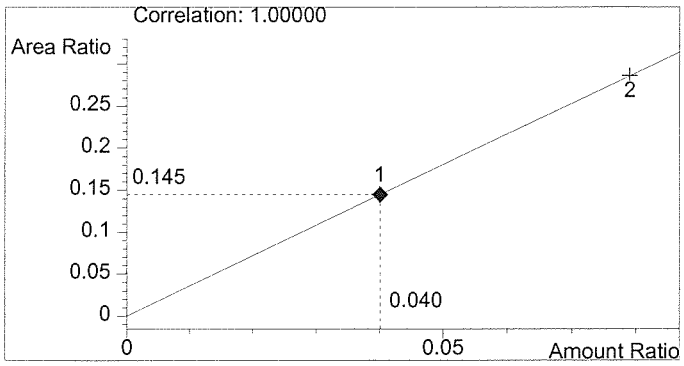


#	Compound	Area	RT
1	Methanol	305	0.827
2	Ethanol	680	1.038
3	Isopropanol	1305	1.263
4	acetone	2774	1.519
5	n-Propanol	4687	1.697

Totals:



Methanol 0.039 g/100ml



Ethanol 0.040 g/100ml

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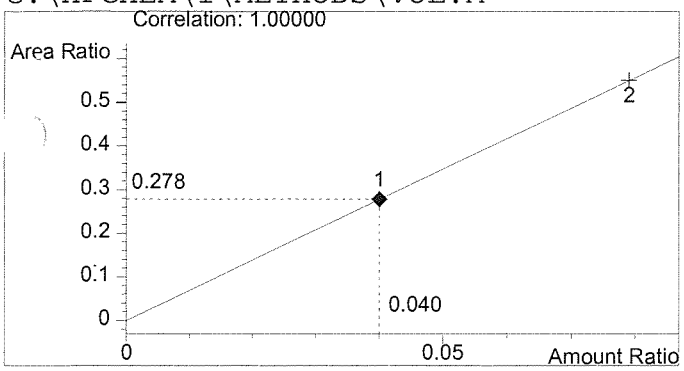
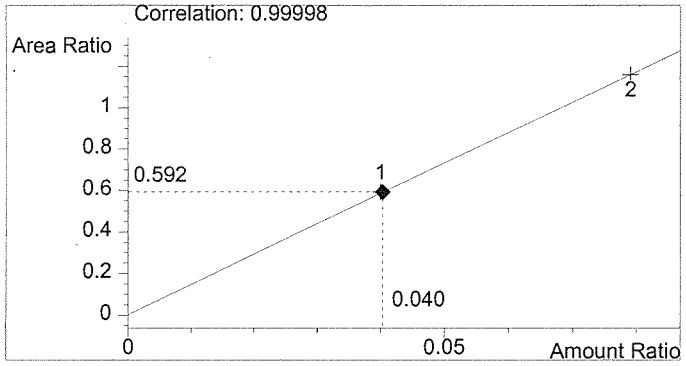
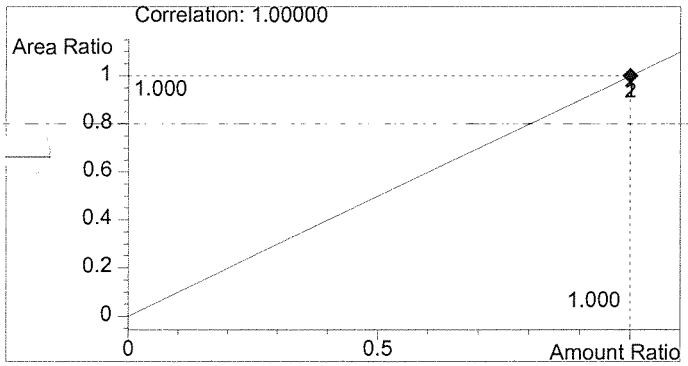


Isopropanol 0.040 g/100ml



acetone 0.040 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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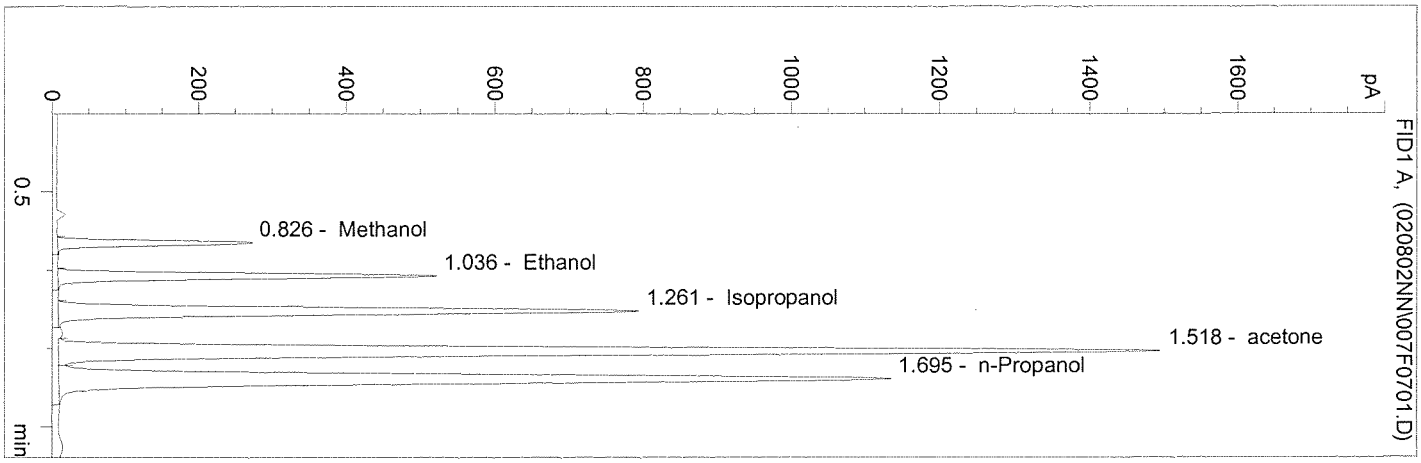
Instrument 1
DB-ALC1

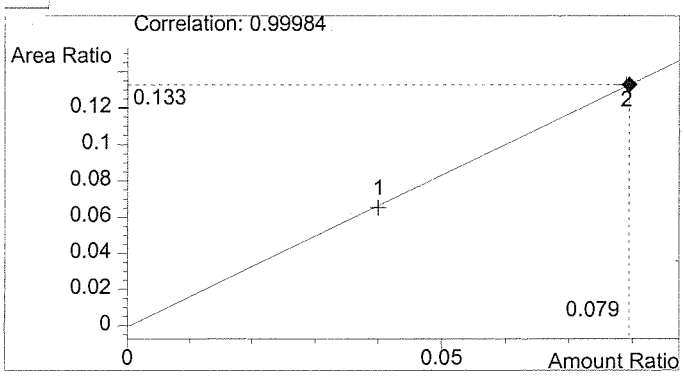
0.079 MIX
Naziha Nuwayhid, PhD

vial # 7

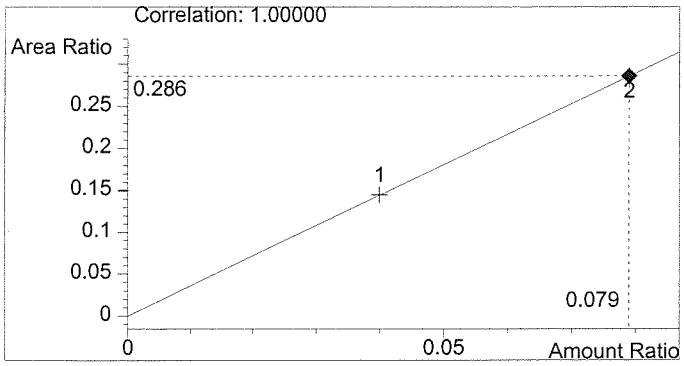


#	Compound	Area	RT
1	Methanol	596	0.826
2	Ethanol	1282	1.036
3	Isopropanol	2467	1.261
4	acetone	5192	1.518
5	n-Propanol	4487	1.695

Totals:



Methanol 0.079 g/100ml



Ethanol 0.079 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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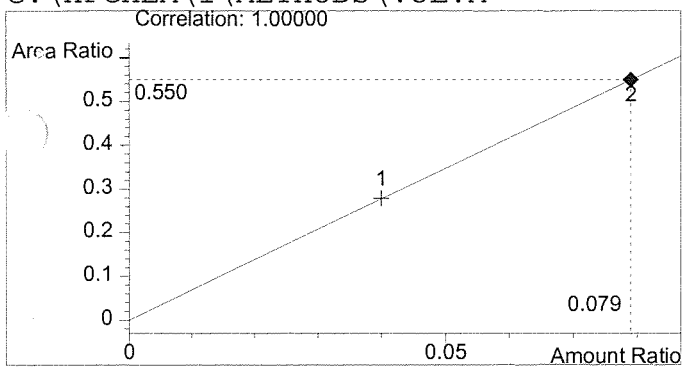
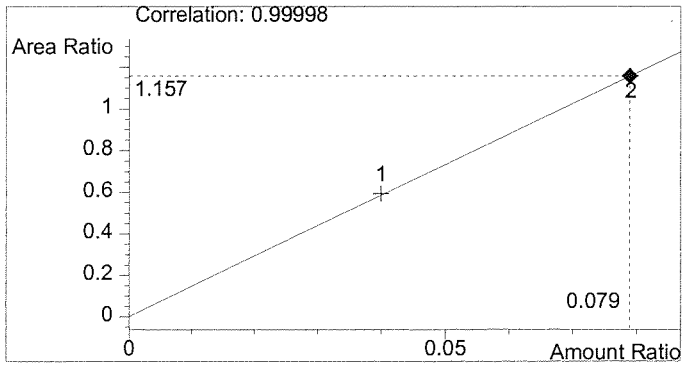
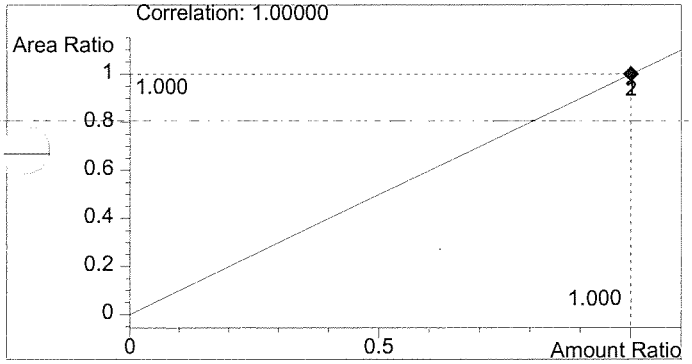


Isopropanol 0.079 g/100ml



acetone 0.079 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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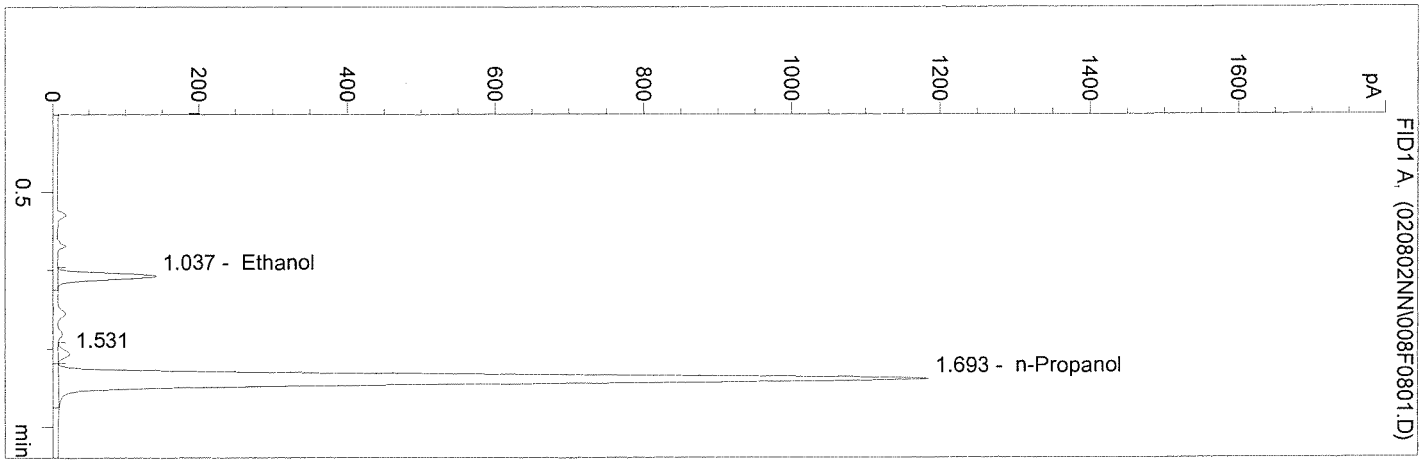
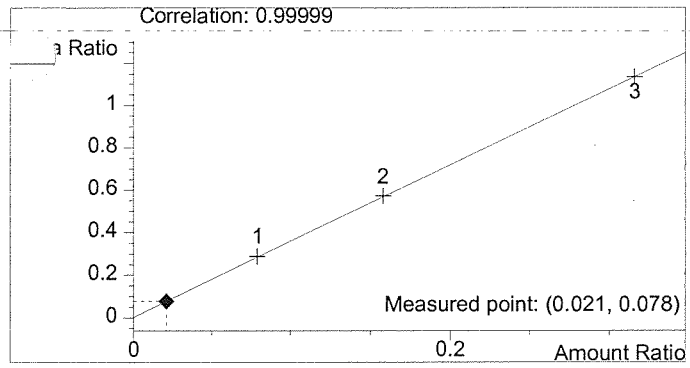
Instrument 1
DB-ALC1

0.02
Naziha Nuwayhid, PhD

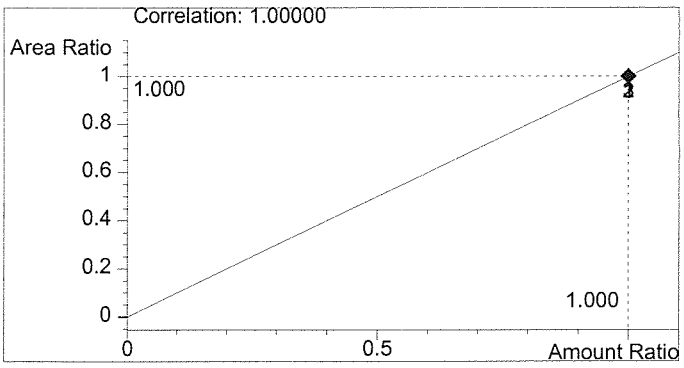
vial # 8



#	Compound	Area	RT
1	Ethanol	375	1.037
2		54	1.531
3	n-Propanol	4790	1.693
Totals:			



Ethanol 0.021 g/100ml



n-Propanol 1.000 g/100ml

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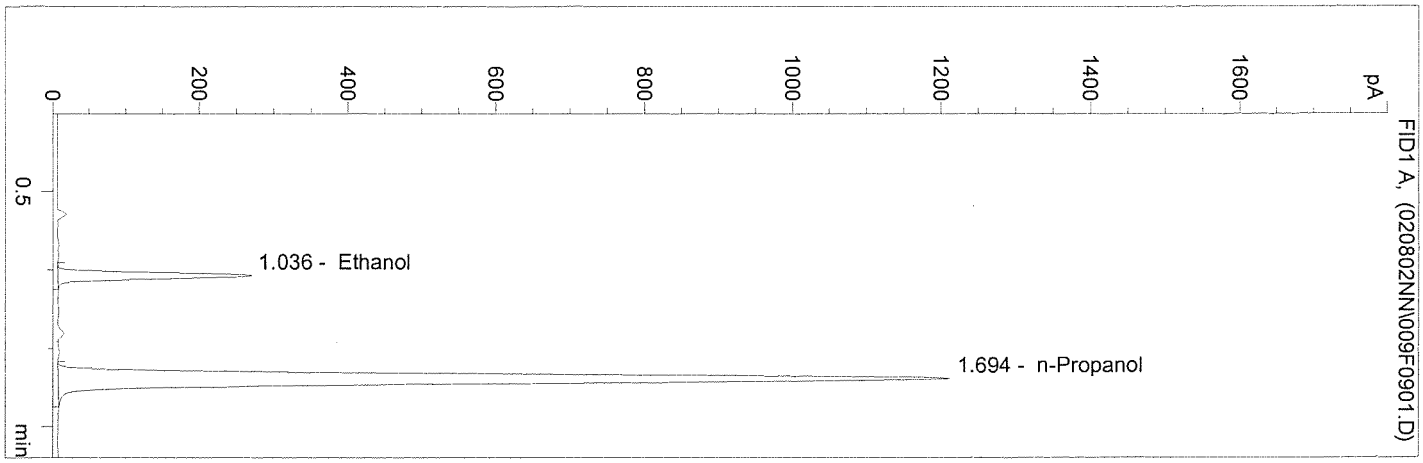
Instrument 1
DB-ALC1

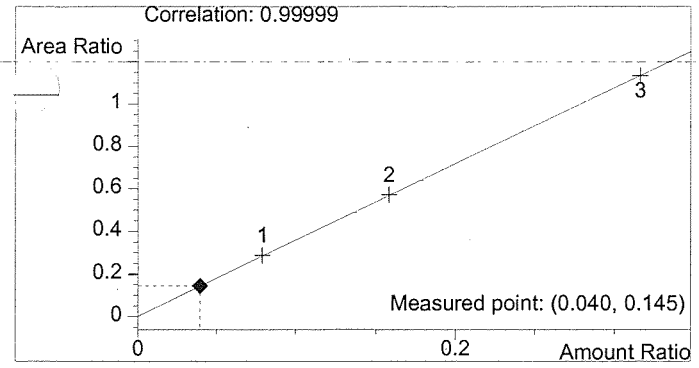
0.04 CAP
Naziha Nuwayhid, PhD

vial # 9

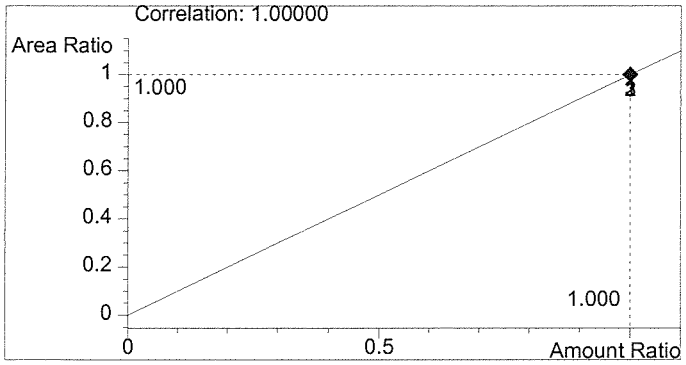


#	Compound	Area	RT
1	Ethanol	707	1.036
2	n-Propanol	4883	1.694

Totals:



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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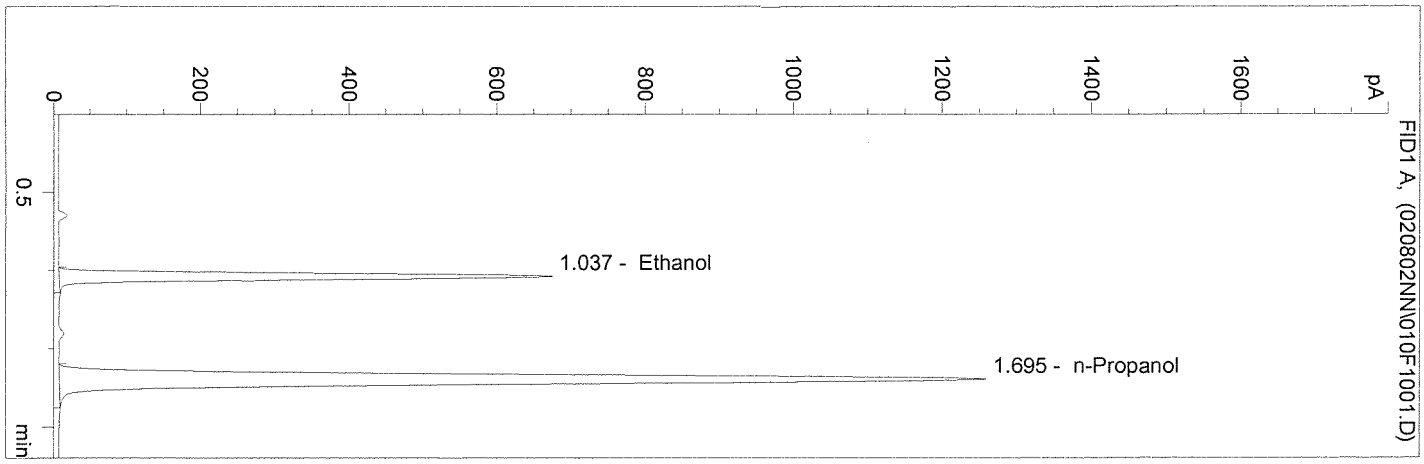
Instrument 1
DB-ALC1

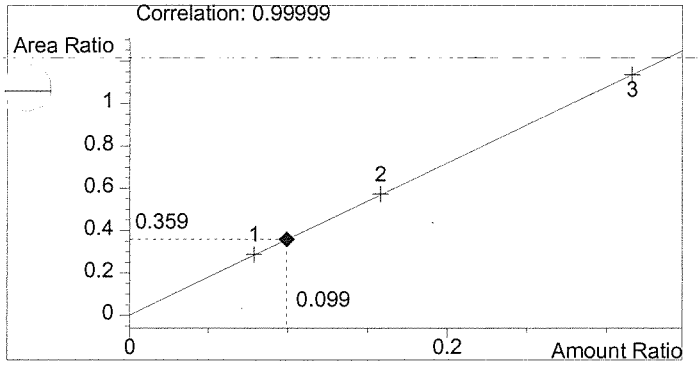
0.101 CAP
Naziha Nuwayhid, PhD

vial # 10

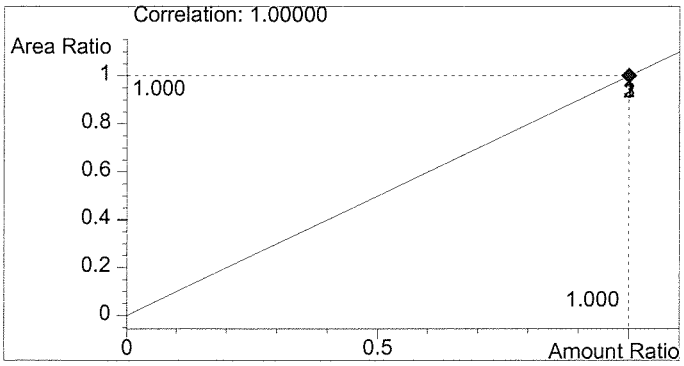


#	Compound	Area	RT
1	Ethanol	1838	1.037
2	n-Propanol	5122	1.695

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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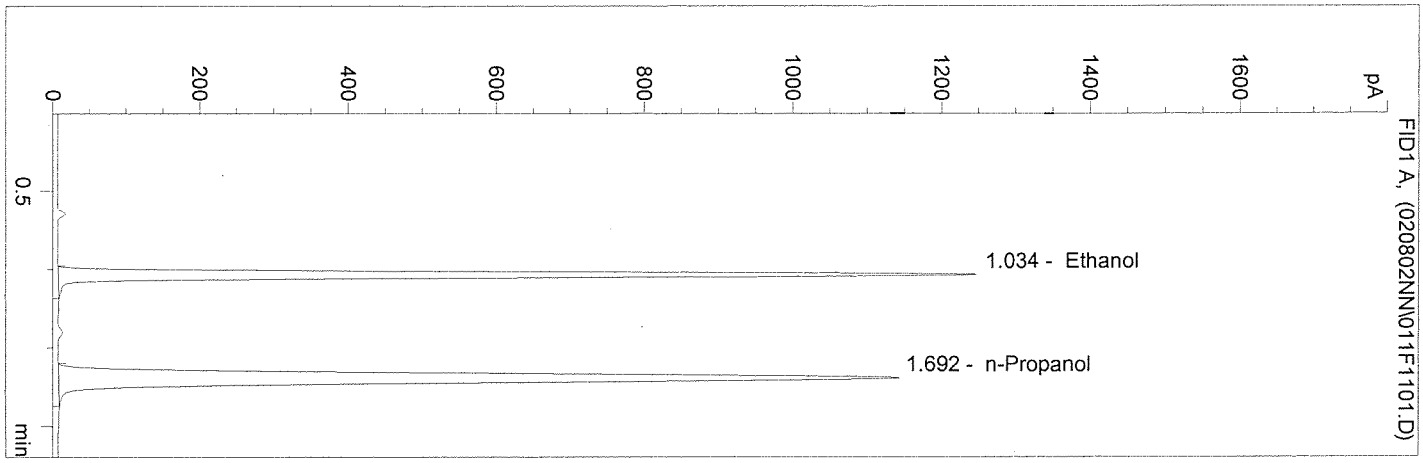
2/8/02 3:21:21 PM
Instrument 1
DB-ALC1

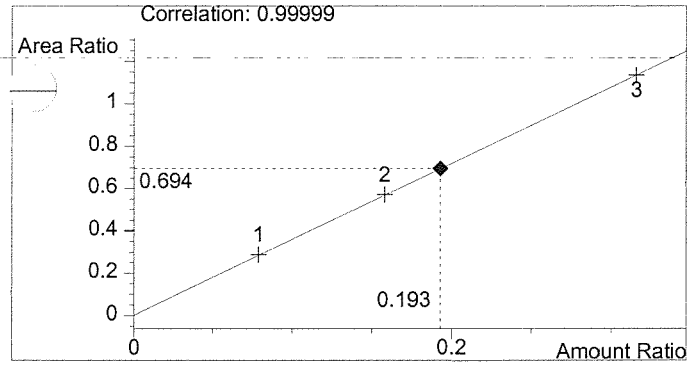
0.197 CAP
Naziha Nuwayhid, PhD

vial # 11

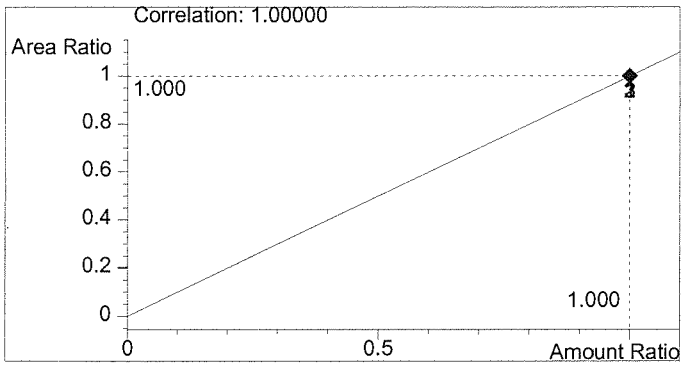


#	Compound	Area	RT
1	Ethanol	3147	1.034
2	n-Propanol	4532	1.692

Totals:



Ethanol 0.193 g/100ml



n-Propanol 1.000 g/100ml

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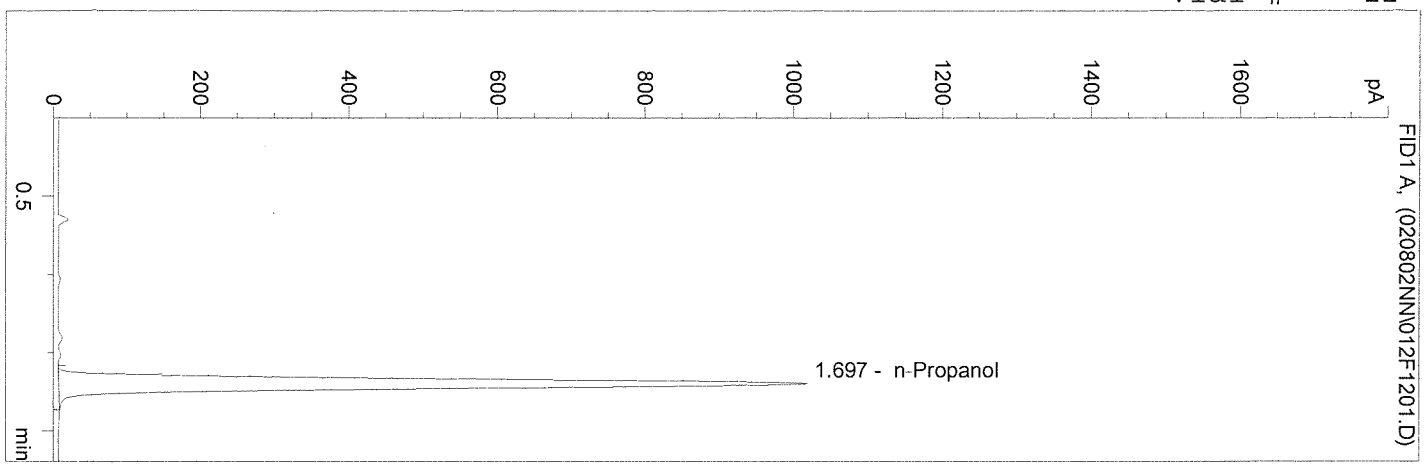
Instrument 1
DB-ALC1

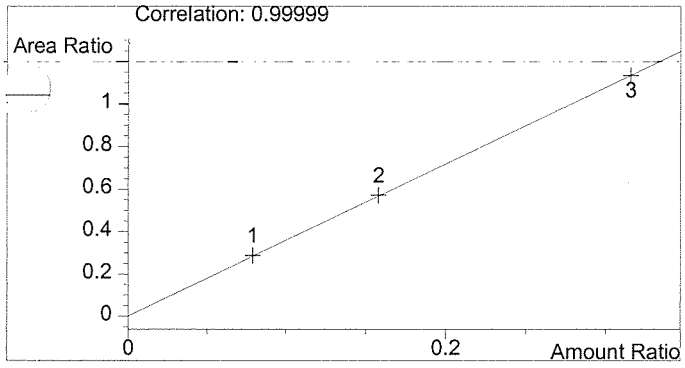
BLANK
Naziha Nuwayhid, PhD

vial # 12

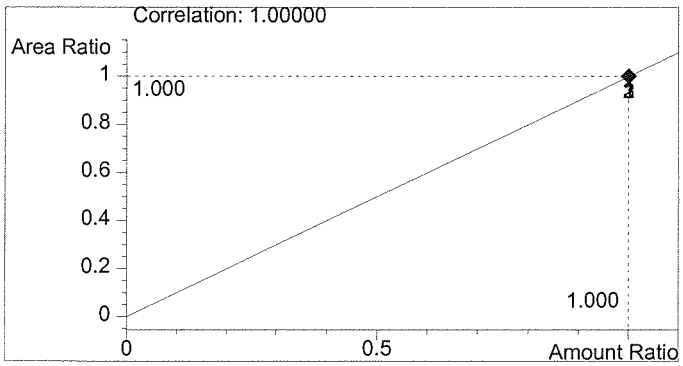


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4206	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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SS02001

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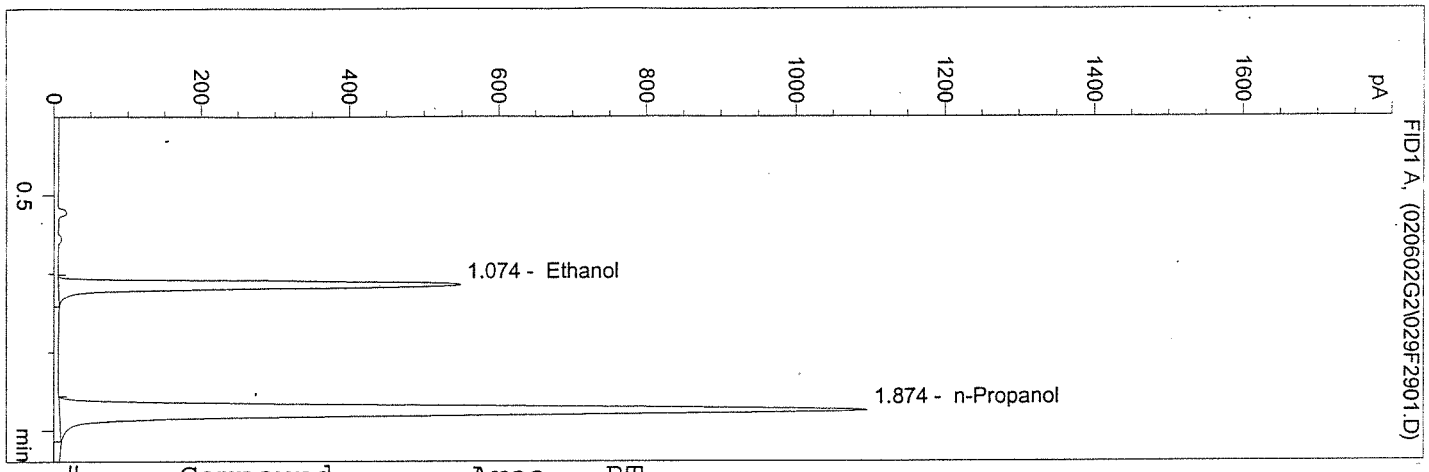
Instrument 2

CAP 0.101
GENE SCHWILKE

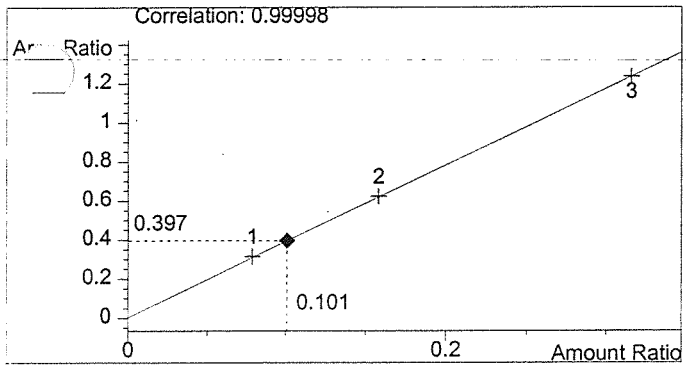
Cal 020681

vial # 29

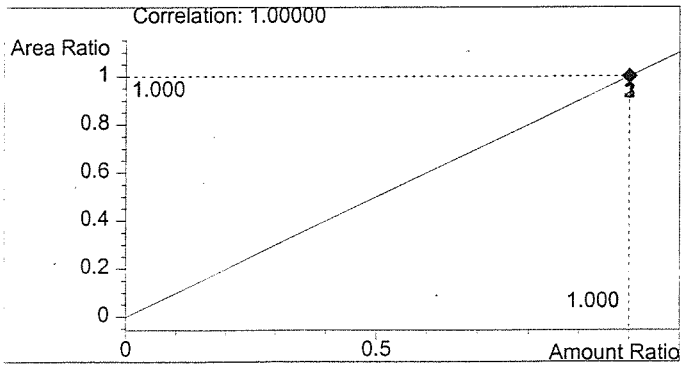


#	Compound	Area	RT
1	Ethanol	1767	1.074
2	n-Propanol	4456	1.874

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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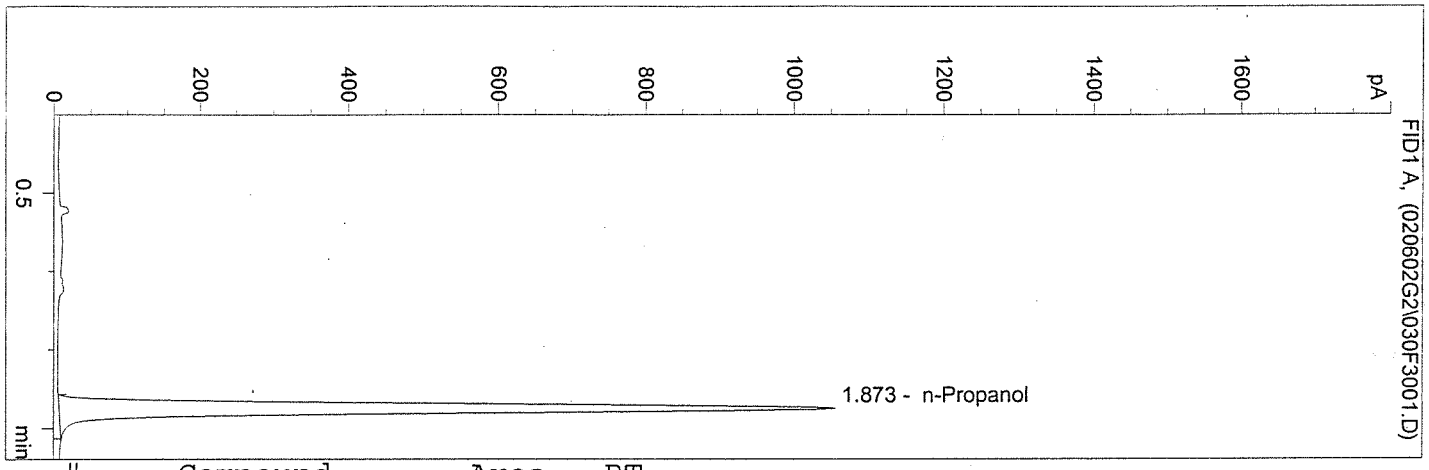
Instrument 2

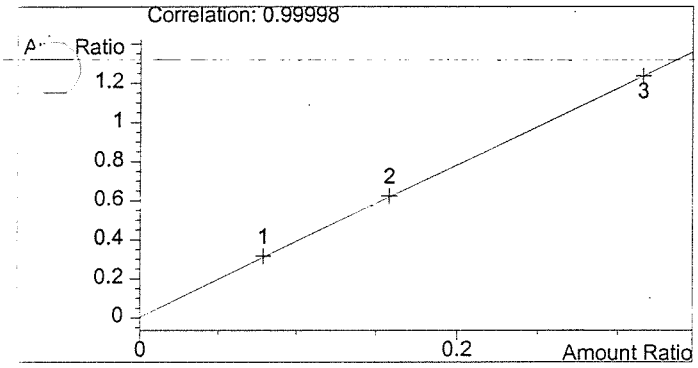
BLANK
GENE SCHWILKE

vial # 30

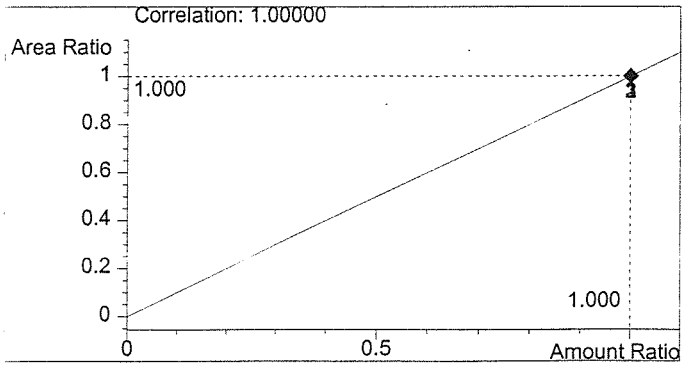


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4284	1.873

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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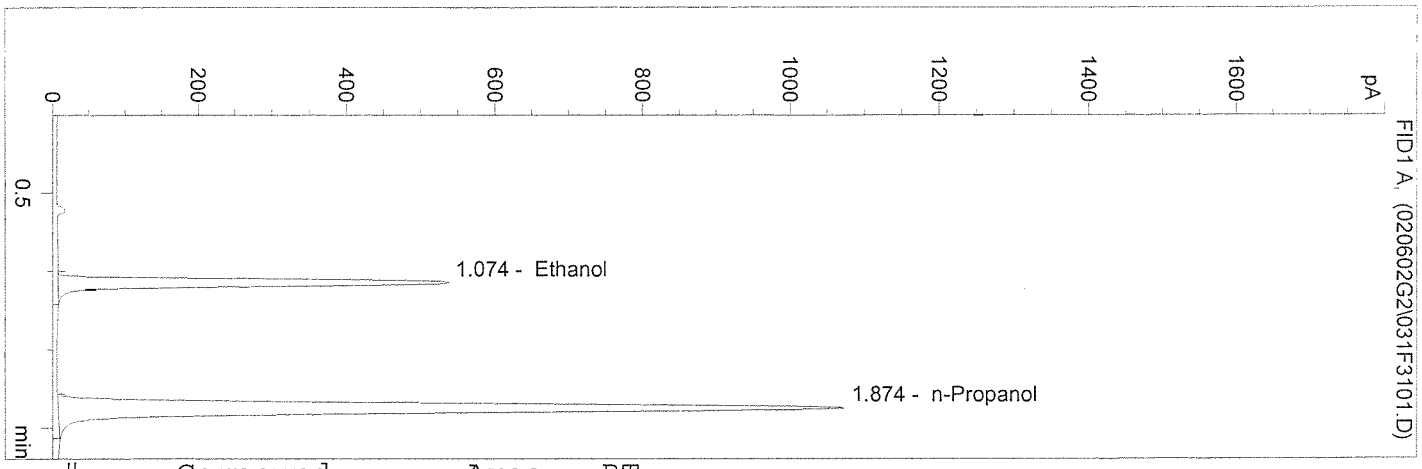
Instrument 2

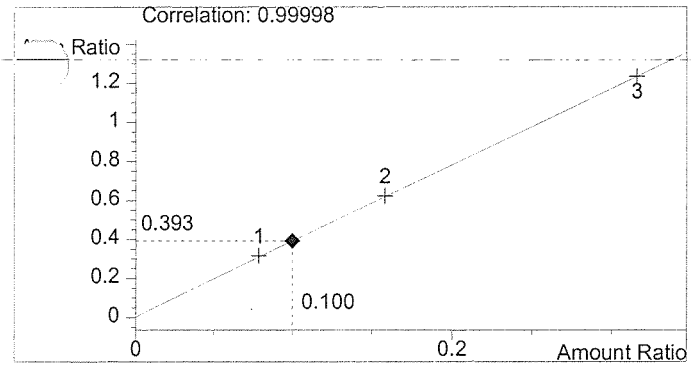
SS02001
GENE SCHWILKE

vial # 31

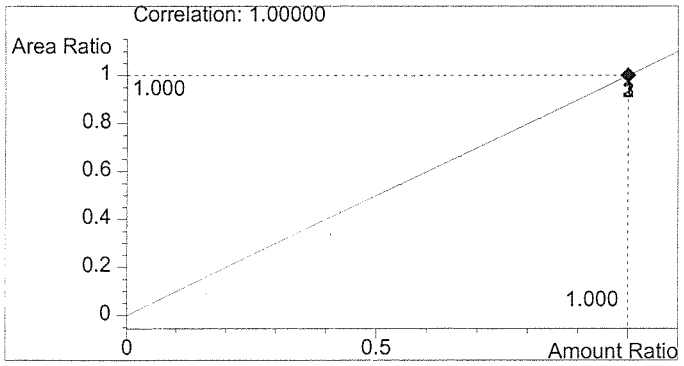


#	Compound	Area	RT
1	Ethanol	1709	1.074
2	n-Propanol	4344	1.874

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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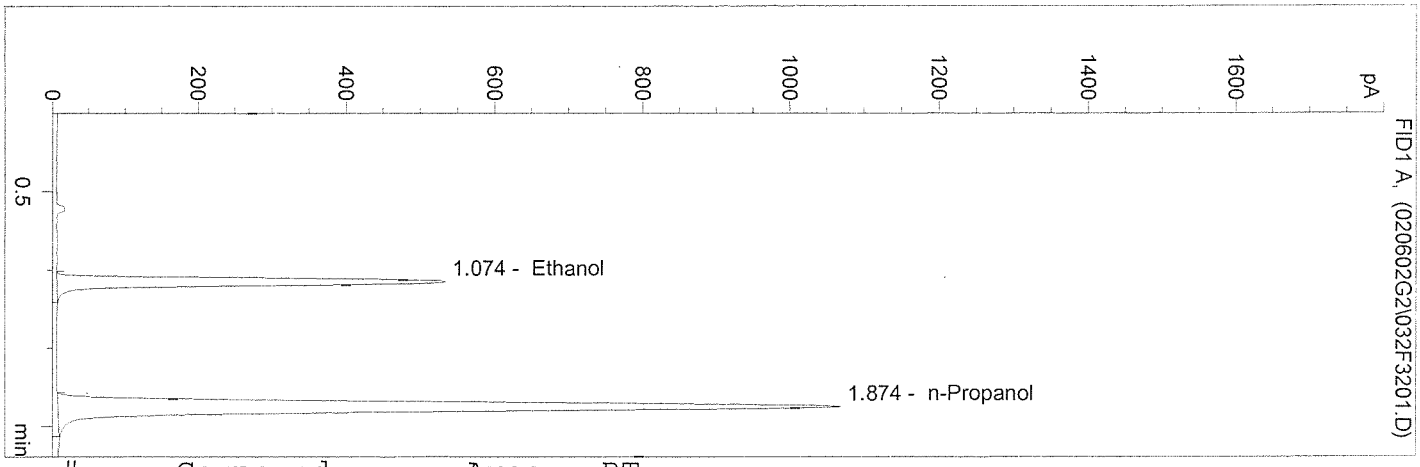
Instrument 2

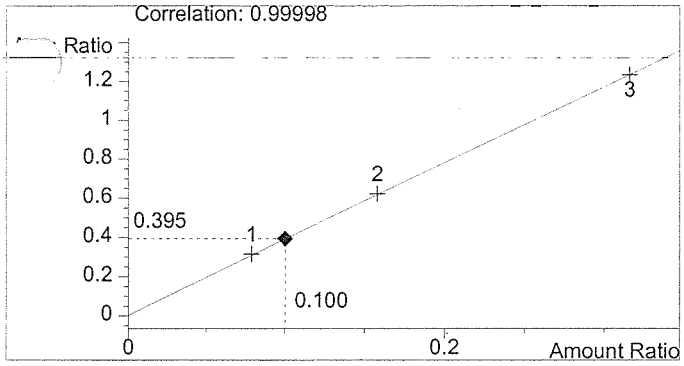
SS02001
GENE SCHWILKE

vial # 32

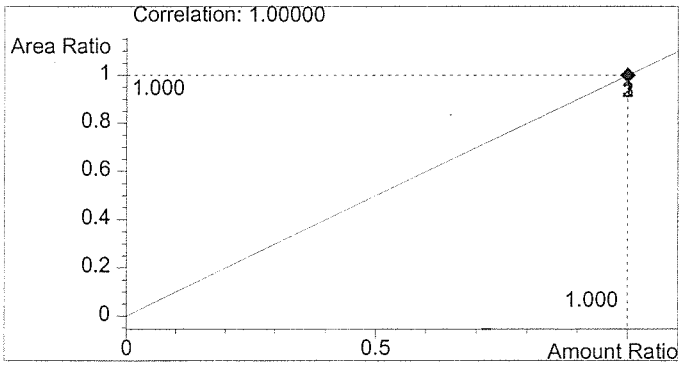


#	Compound	Area	RT
1	Ethanol	1706	1.074
2	n-Propanol	4324	1.874

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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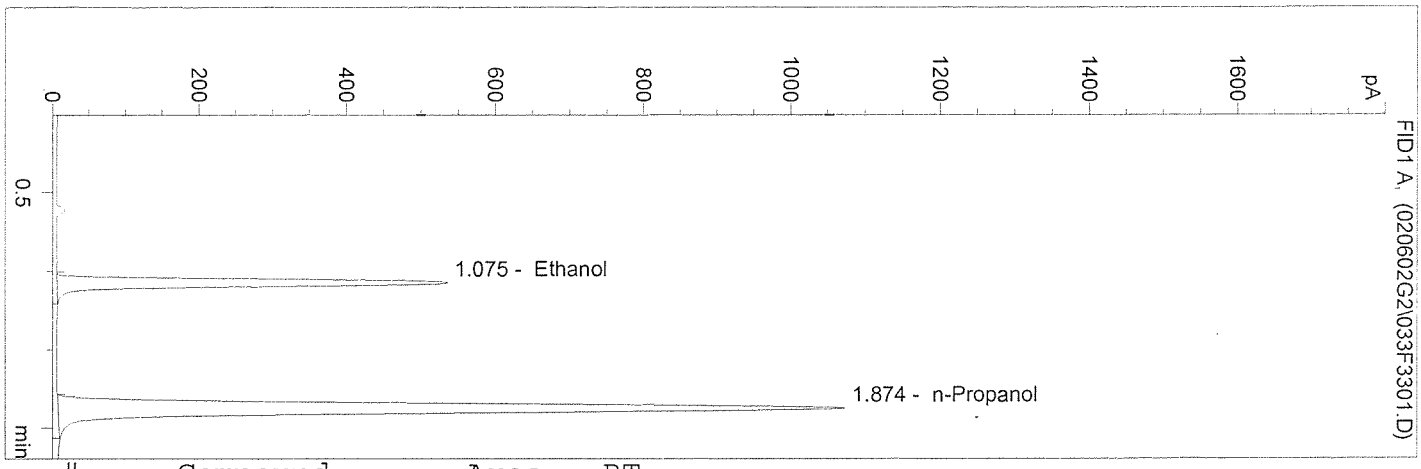
Instrument 2

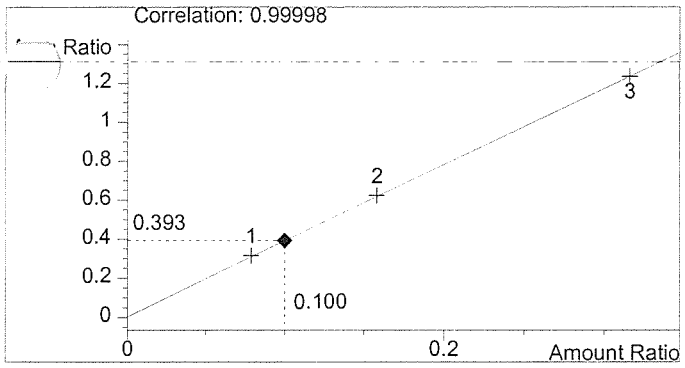
SS02001
GENE SCHWILKE

vial # 33

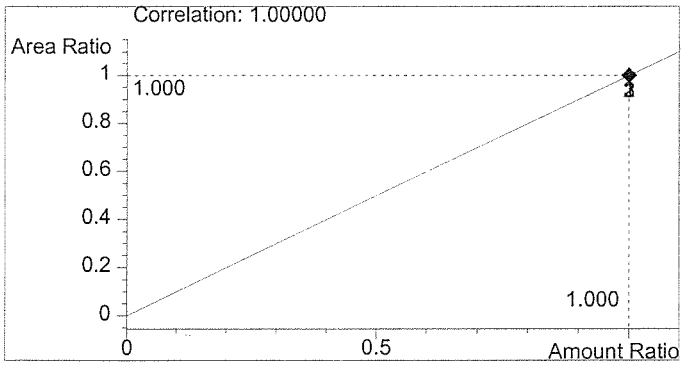


#	Compound	Area	RT
1	Ethanol	1715	1.075
2	n-Propanol	4362	1.874

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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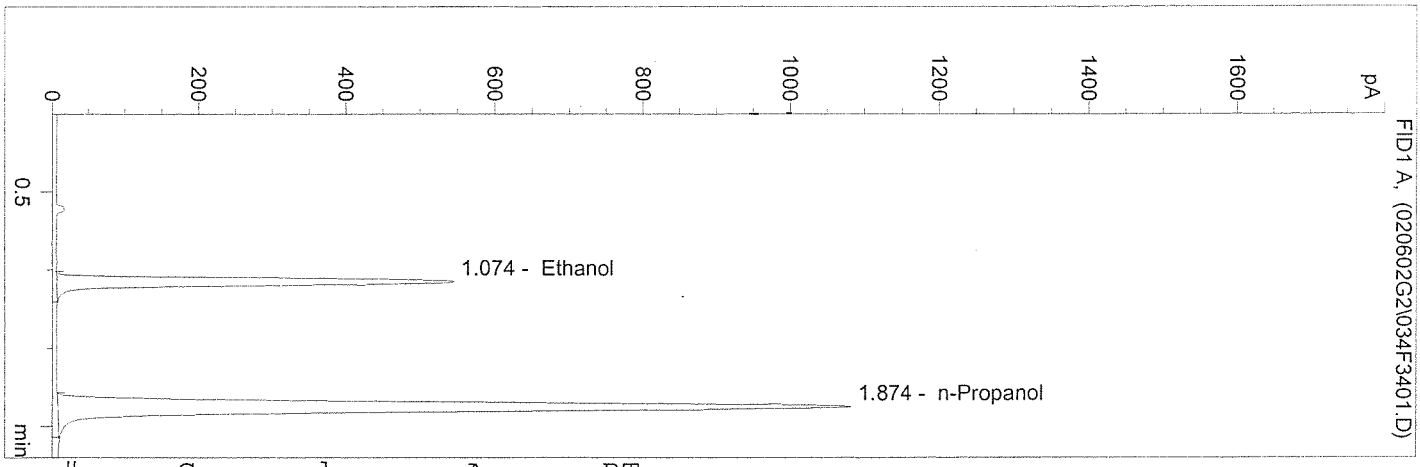
Instrument 2

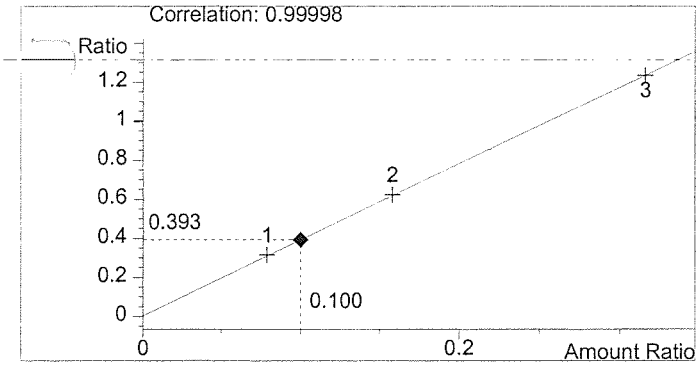
SS02001
GENE SCHWILKE

vial # 34

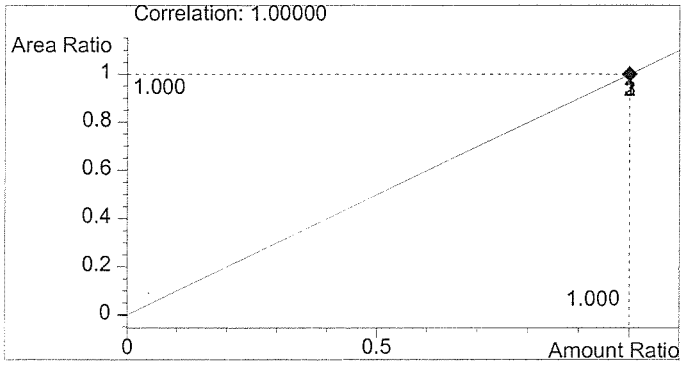


#	Compound	Area	RT
1	Ethanol	1717	1.074
2	n-Propanol	4364	1.874

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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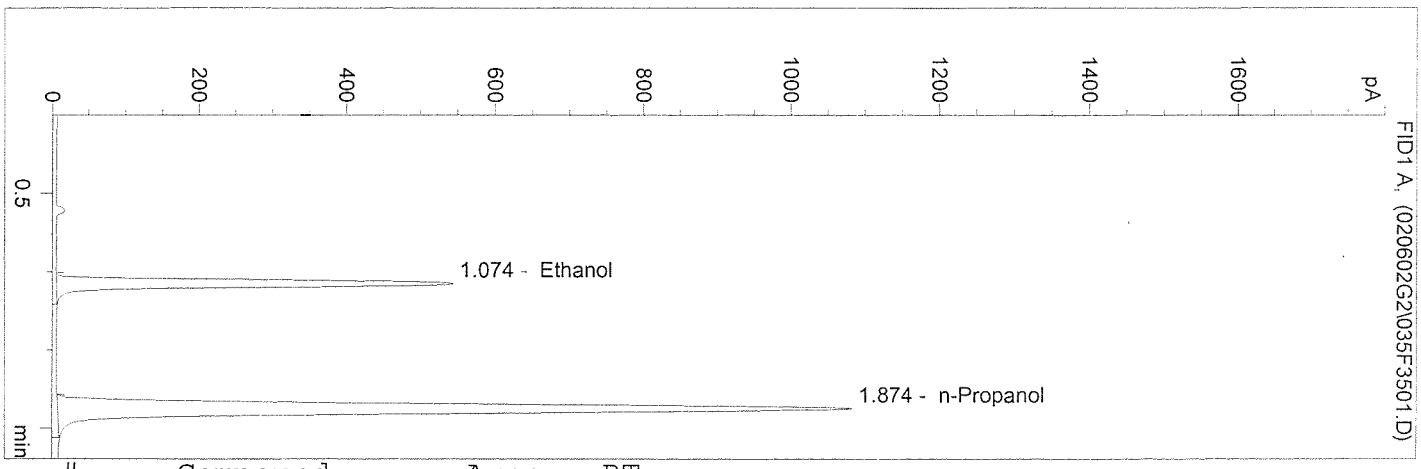
Instrument 2

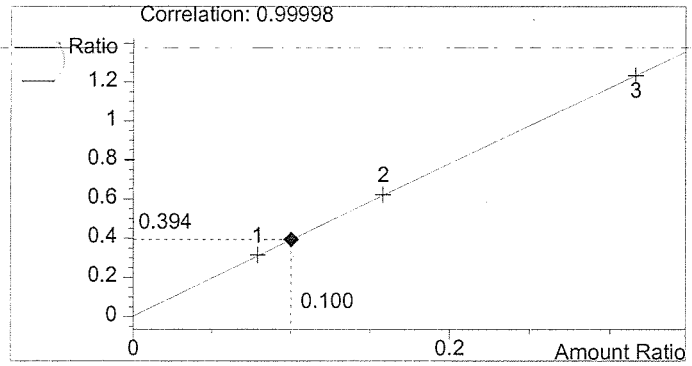
SS02001
GENE SCHWILKE

vial # 35

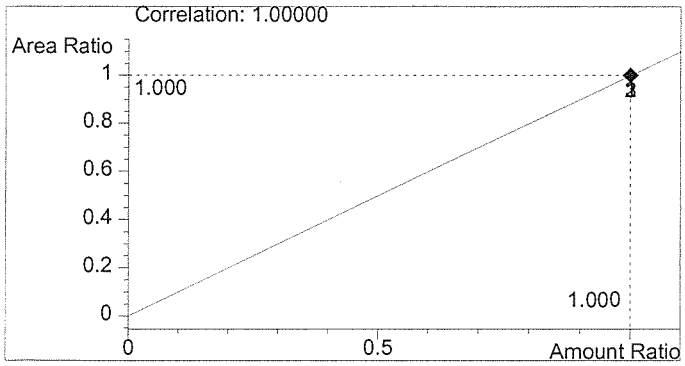


#	Compound	Area	RT
1	Ethanol	1722	1.074
2	n-Propanol	4366	1.874

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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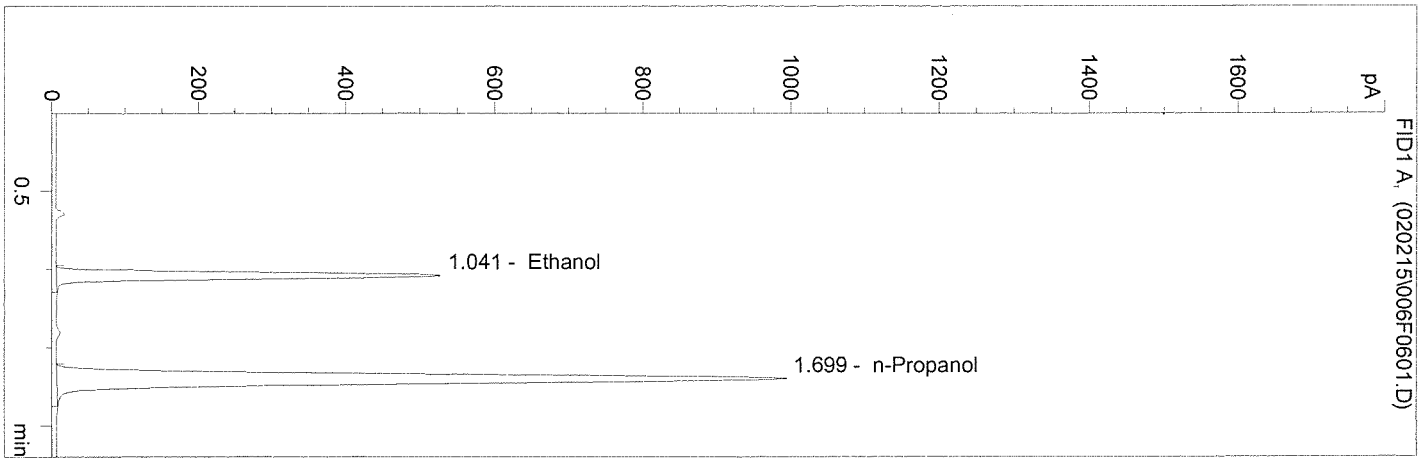
2/8/02 8:23:26 AM
Instrument 1
-ALC1

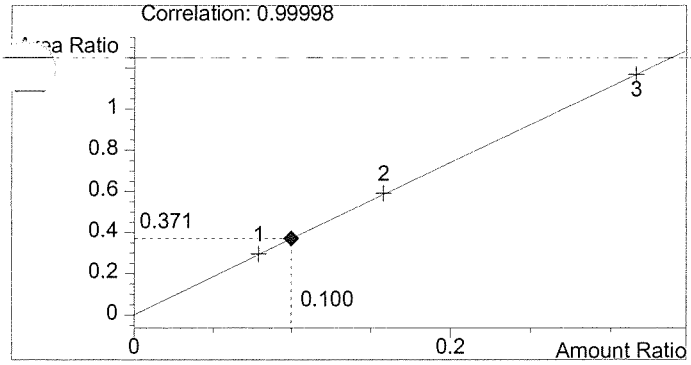
SIM 02001-1
ANN MARIE GORDON

vial # 6

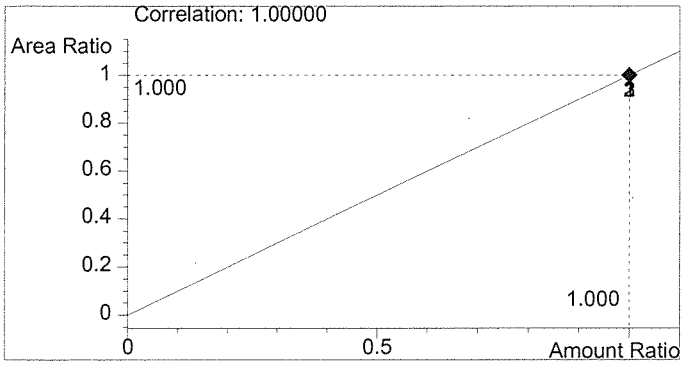


#	Compound	Area	RT
1	Ethanol	1518	1.041
2	n-Propanol	4095	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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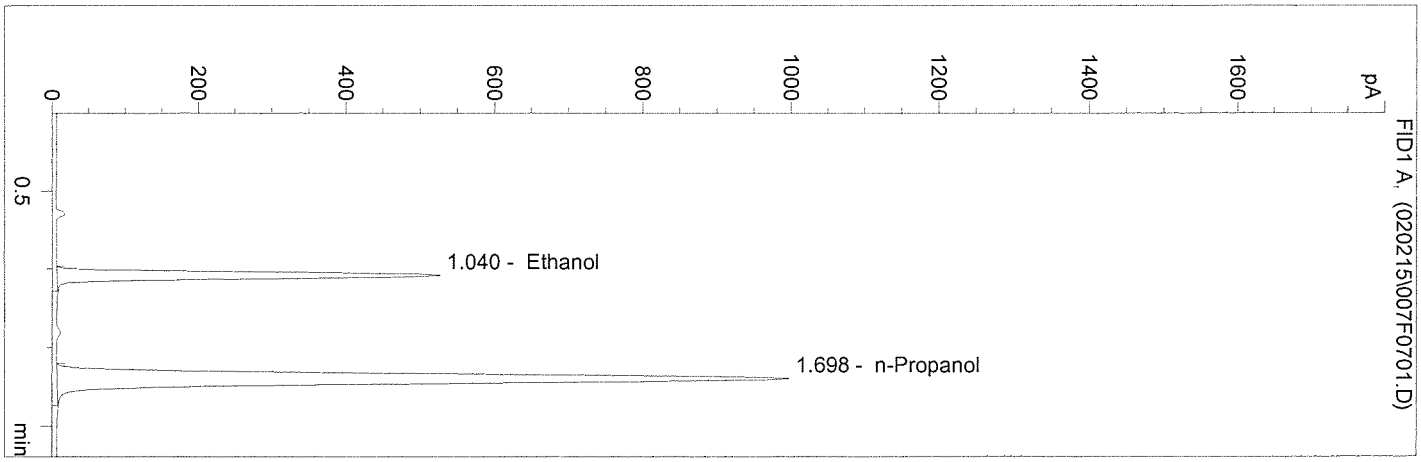
2/8/02 8:26:28 AM
Instrument 1
-ALC1

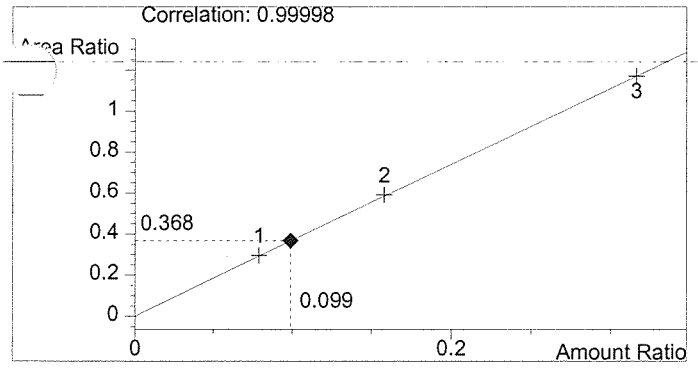
SIM 02001-2
ANN MARIE GORDON

vial # 7

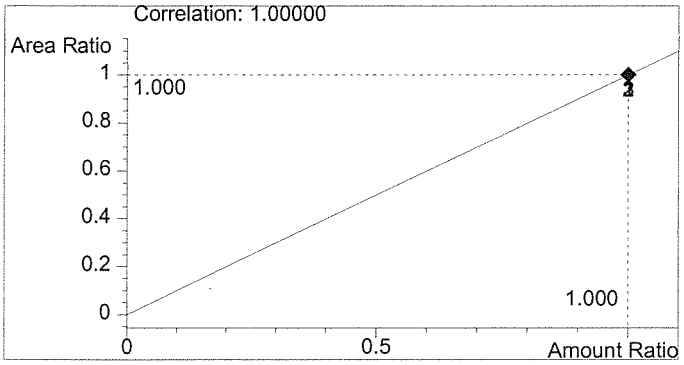


#	Compound	Area	RT
1	Ethanol	1515	1.040
2	n-Propanol	4115	1.698

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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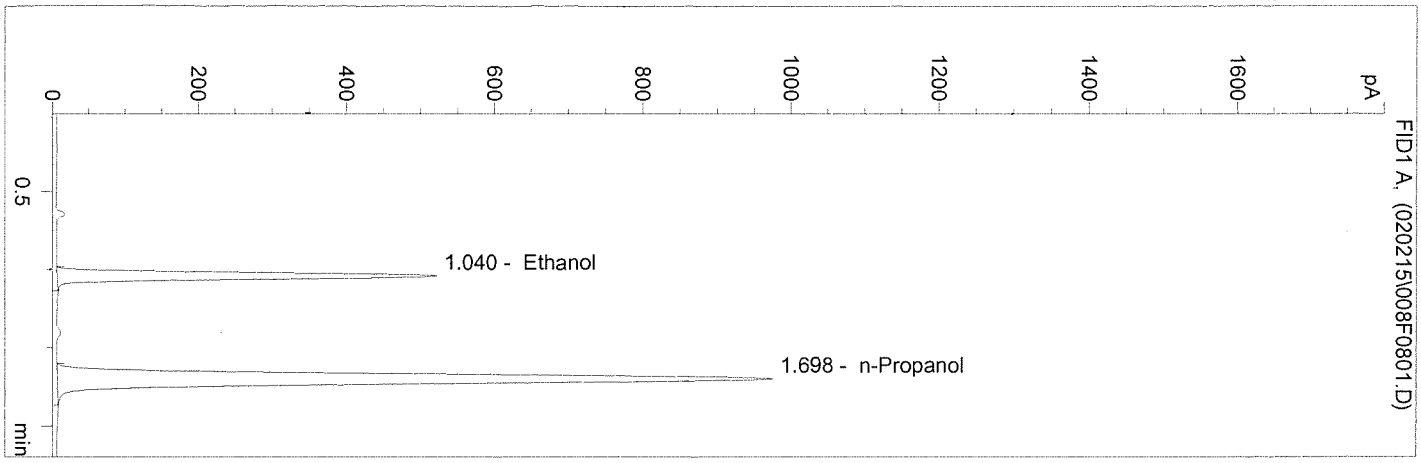
2/8/02 8:29:30 AM
Instrument 1
-ALC1

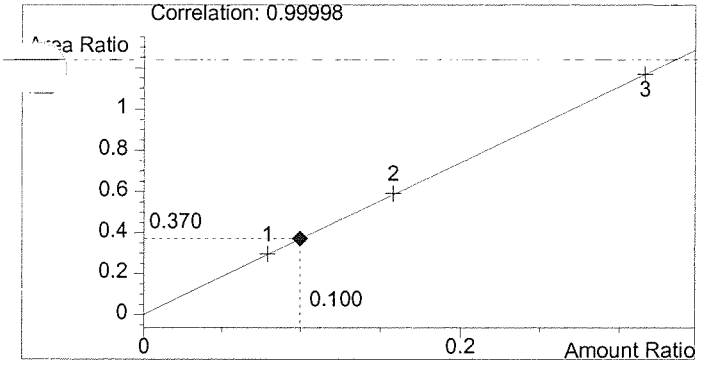
SIM 02001-3
ANN MARIE GORDON

vial # 8

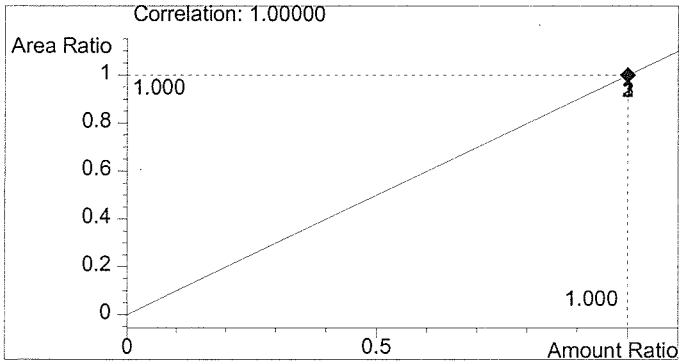


#	Compound	Area	RT
1	Ethanol	1488	1.040
2	n-Propanol	4018	1.698

Totals:



Ethanol 0.100 g/100ml



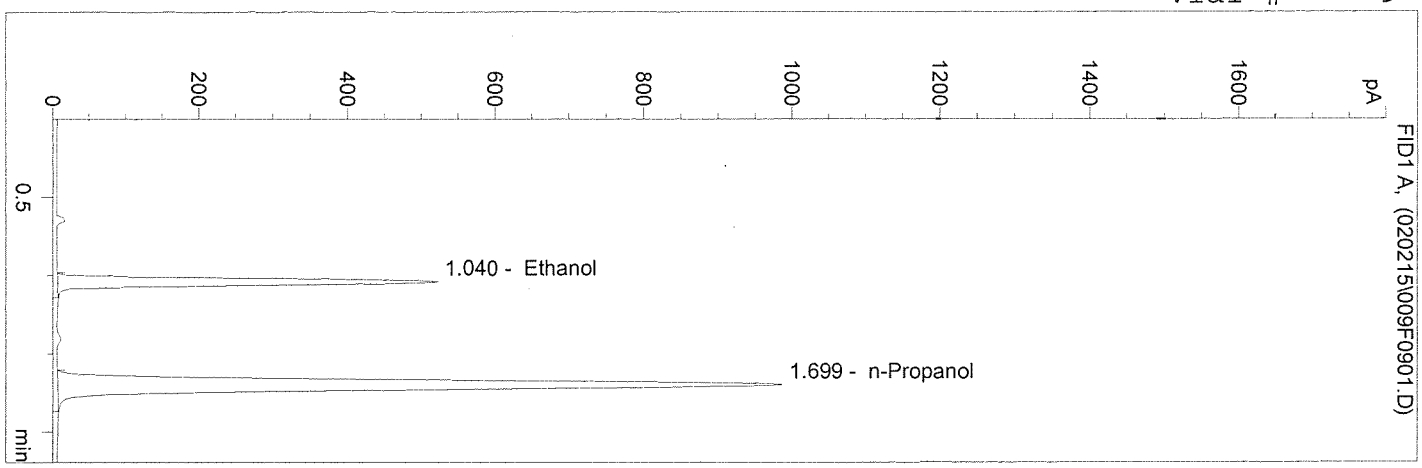
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/8/02 8:32:52 AM
Instrument 1
-ALC1

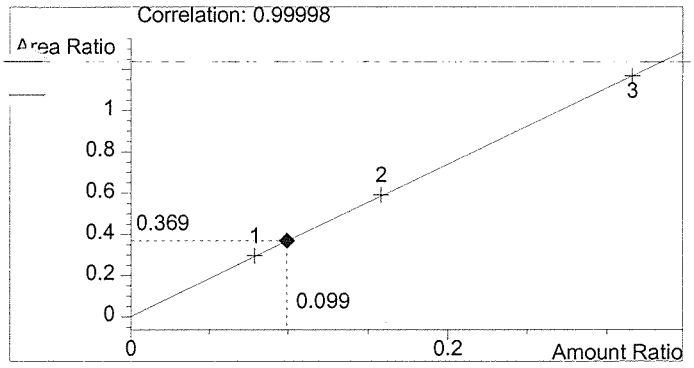
SIM 02001-4
ANN MARIE GORDON

vial # 9

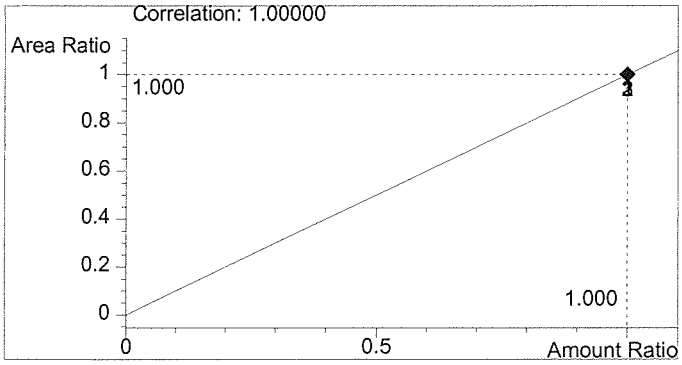


#	Compound	Area	RT
1	Ethanol	1495	1.040
2	n-Propanol	4051	1.699

Totals:



Ethanol 0.099 g/100ml



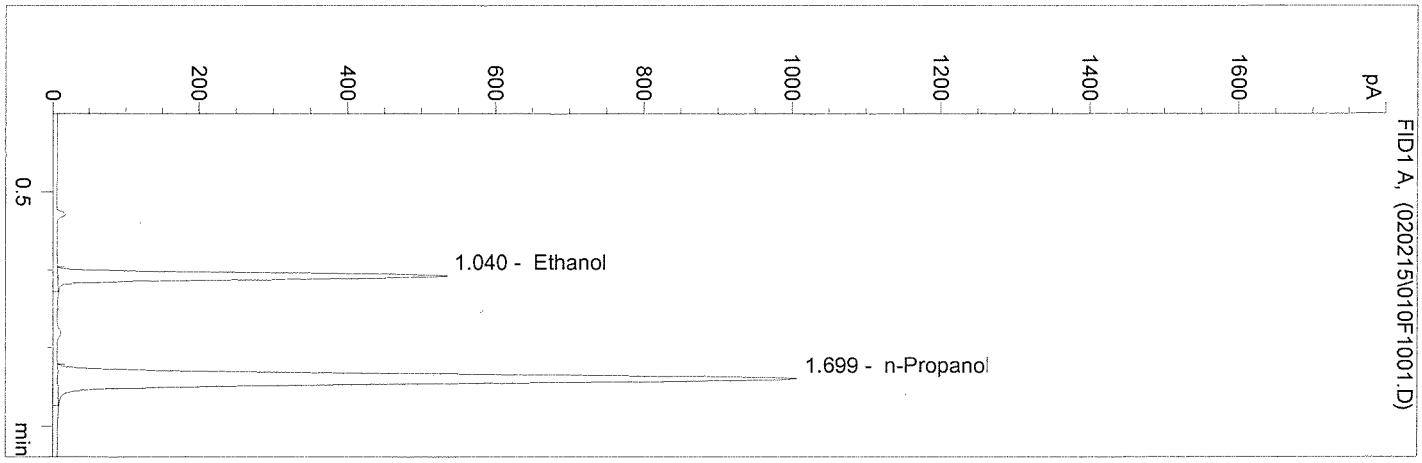
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/8/02 8:35:54 AM
Instrument 1
-ALC1

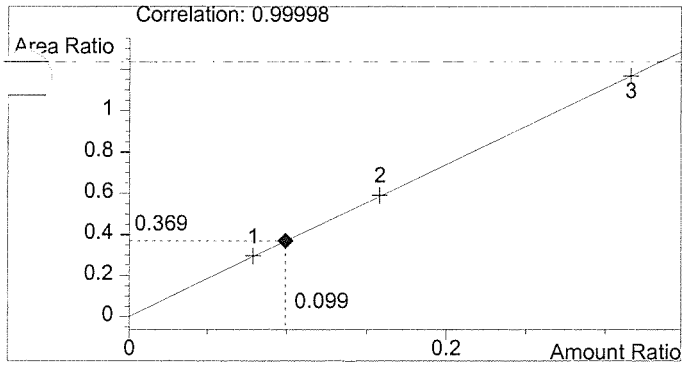
SIM 02001-5
ANN MARIE GORDON

vial # 10

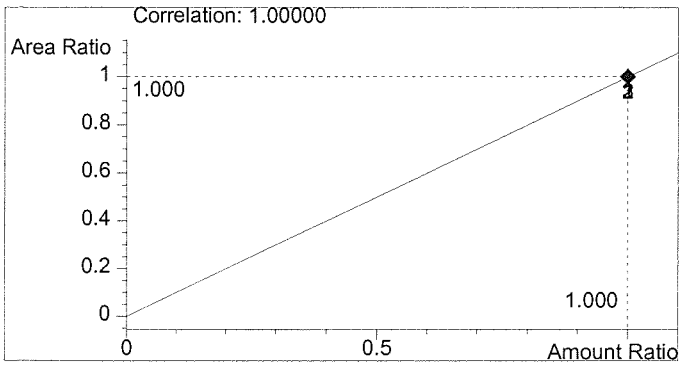


#	Compound	Area	RT
1	Ethanol	1530	1.040
2	n-Propanol	4144	1.699

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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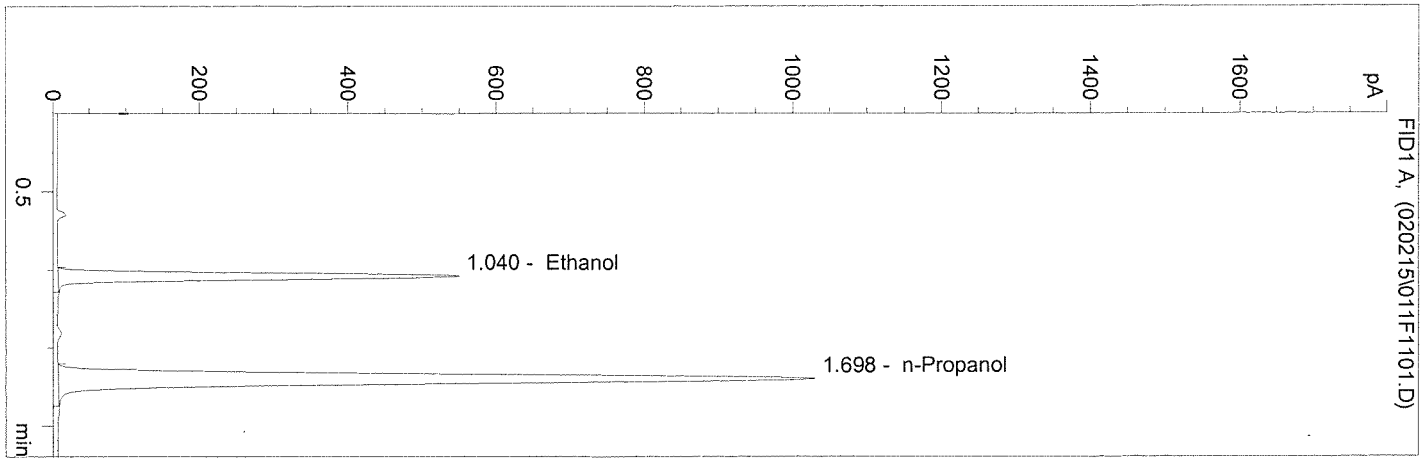
2/8/02 8:38:56 AM
Instrument 1
-ALC1

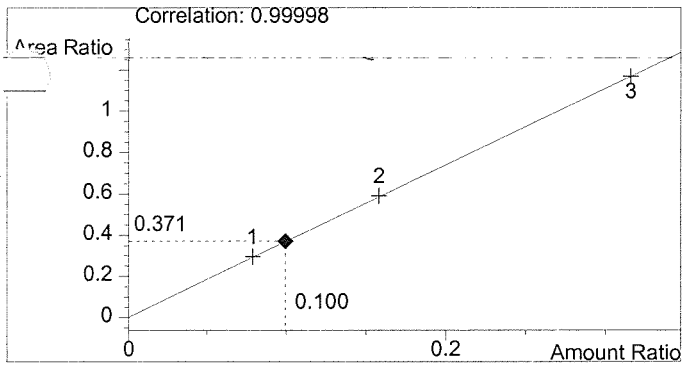
0.101 CONTROL
ANN MARIE GORDON

vial # 11

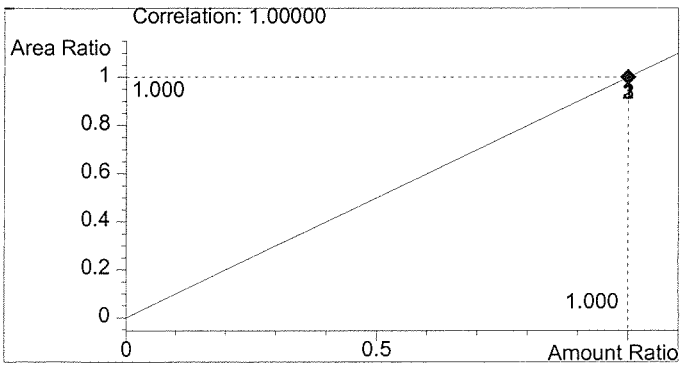


#	Compound	Area	RT
1	Ethanol	1575	1.040
2	n-Propanol	4250	1.698

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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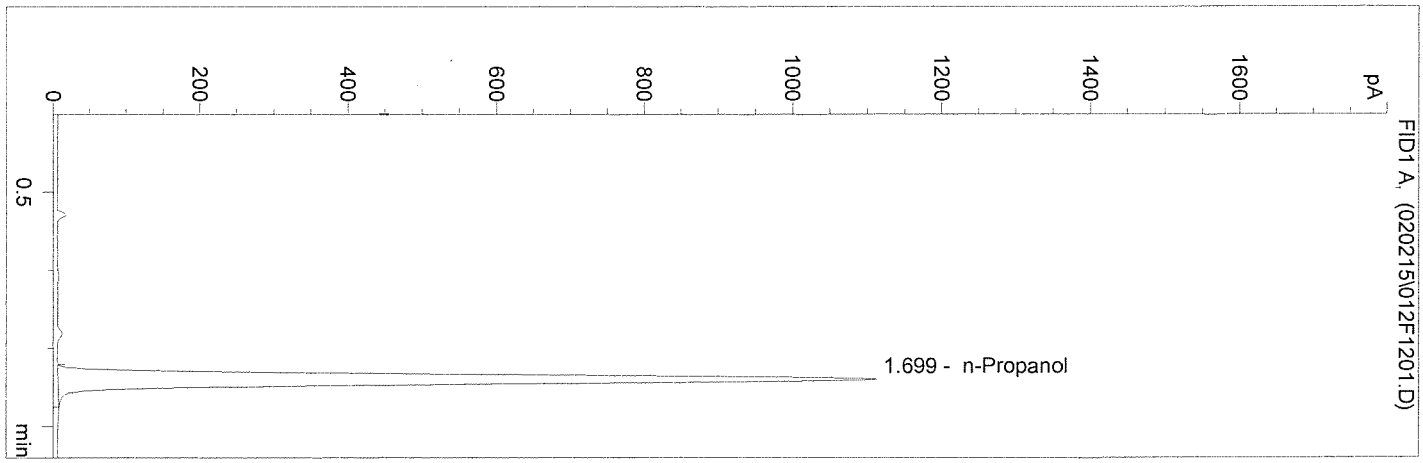
2/8/02 8:41:58 AM
Instrument 1
-ALC1

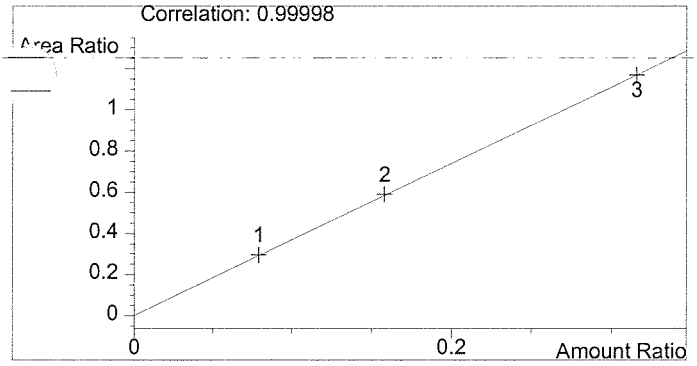
BLANK
ANN MARIE GORDON

vial # 12

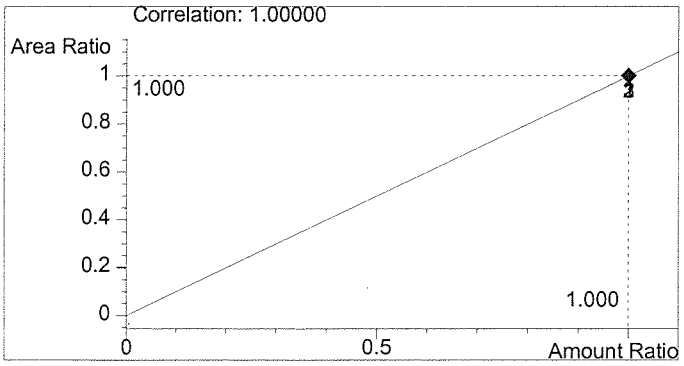


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4568	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Calibration Table

Calib. Data Modified : Friday, February 08, 2002 8:19:12 AM

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 75%
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
1.041	1	1	7.90000e-2	1189.79016	6.63983e-5		5	Ethanol
		2	1.58000e-1	2362.14526	6.68884e-5			
		3	3.16000e-1	4671.74707	6.76406e-5			
1.699	1	1	1.00000	4029.06738	2.48196e-4	I5		n-Propanol
		2	1.00000	4006.36865	2.49603e-4			
		3	1.00000	4002.01367	2.49874e-4			

Peak Sum Table

No Entries in 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 CALIBRATOR	BLDALCO	1	Calib		
3	3	0.158 CALIBRATOR	BLDALCO	1	Calib		
4	4	0.316 CALIBRATOR	BLDALCO	1	Calib		
5	5	BLANK	BLDALCO	1	Sample		
6	6	SIM 02001-1	BLDALCO	1	Sample		
7	7	SIM 02001-2	BLDALCO	1	Sample		
8	8	SIM 02001-3	BLDALCO	1	Sample		
9	9	SIM 02001-4	BLDALCO	1	Sample		
10	10	SIM 02001-5	BLDALCO	1	Sample		
11	11	0.101 CONTROL	BLDALCO	1	Ctrl Samp		
12	12	BLANK	BLDALCO	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

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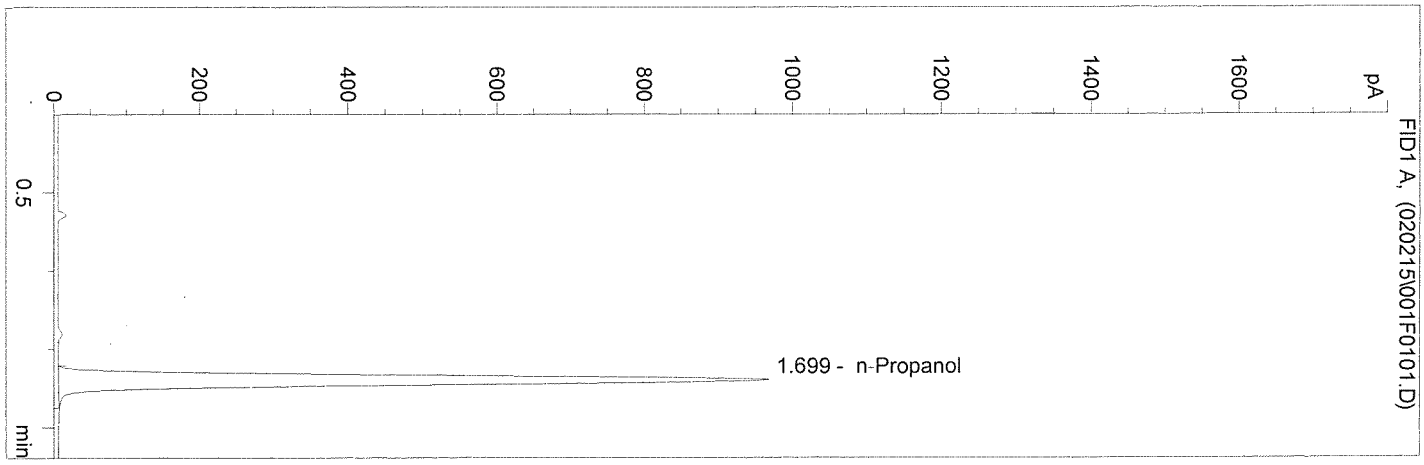
2/8/02 8:07:53 AM
Instrument 1
-ALC1

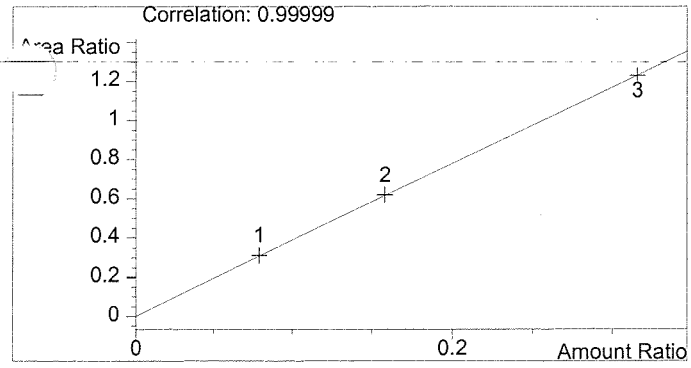
BLANK
ANN MARIE GORDON

vial # 1

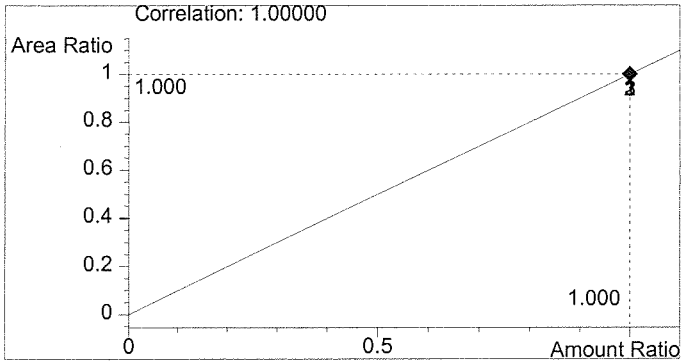


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3979	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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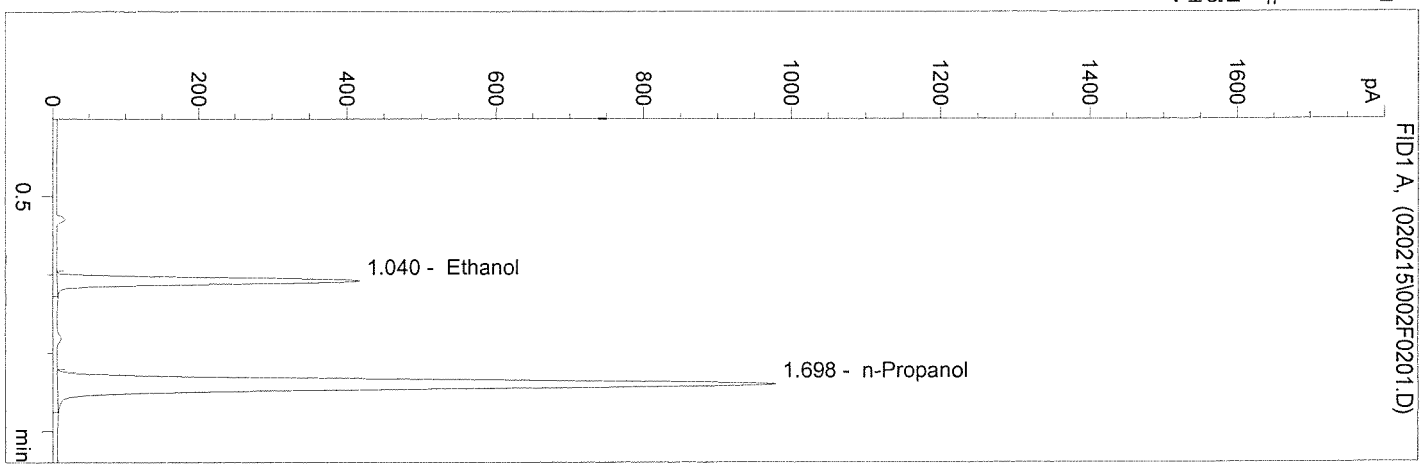
2/8/02 8:10:54 AM
Instrument 1
-ALC1

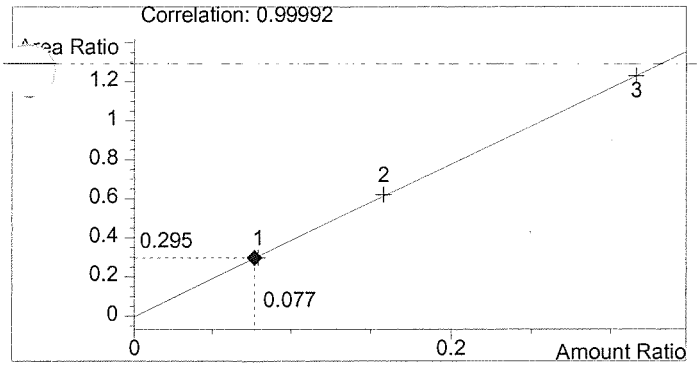
0.079 CALIBRATOR
ANN MARIE GORDON

vial # 2

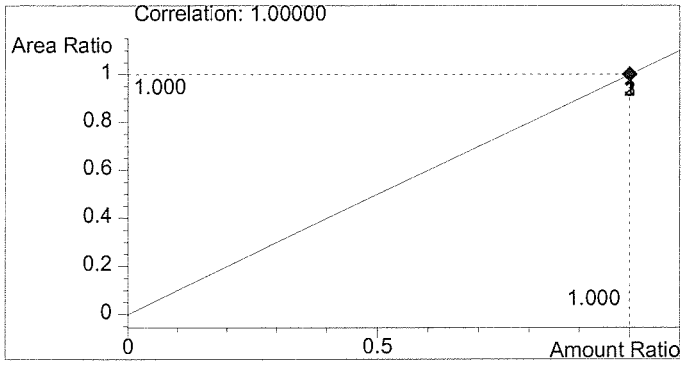


#	Compound	Area	RT
1	Ethanol	1190	1.040
2	n-Propanol	4029	1.698

Totals:



Ethanol 0.077 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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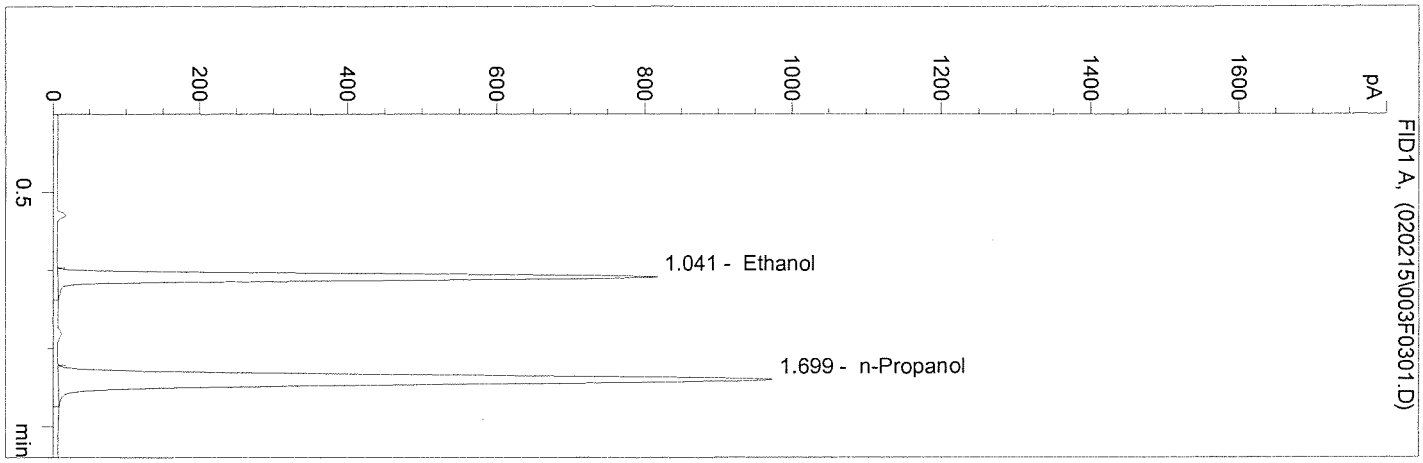
2/8/02 8:13:56 AM
Instrument 1
-ALC1

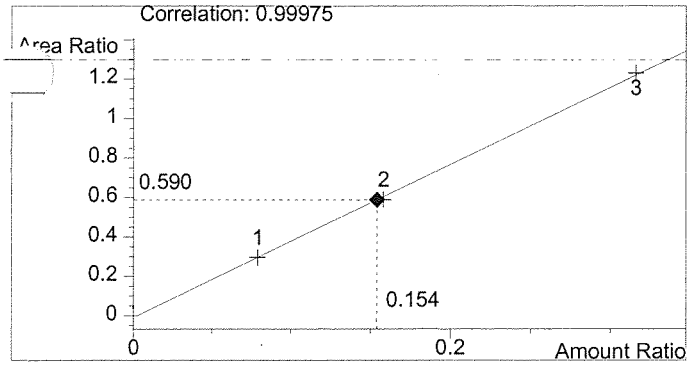
0.158 CALIBRATOR
ANN MARIE GORDON

vial # 3

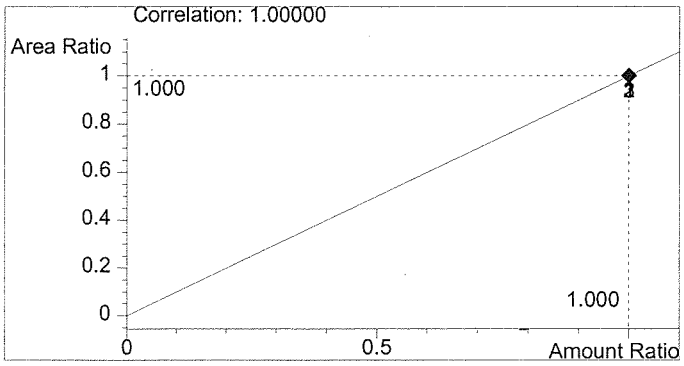


#	Compound	Area	RT
1	Ethanol	2362	1.041
2	n-Propanol	4006	1.699

Totals:



Ethanol 0.154 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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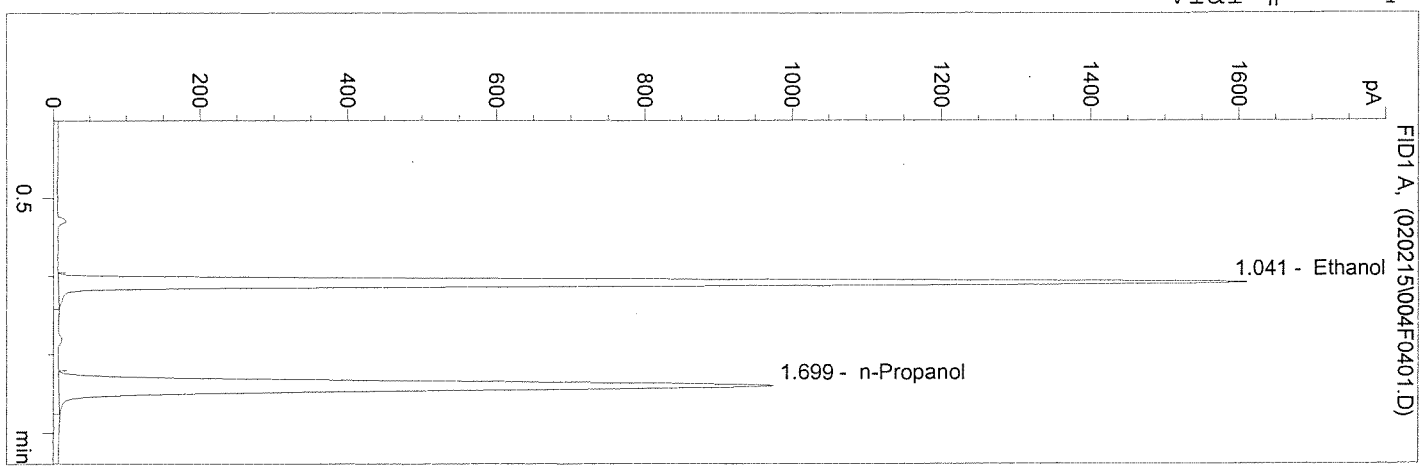
Instrument 1
-ALC1

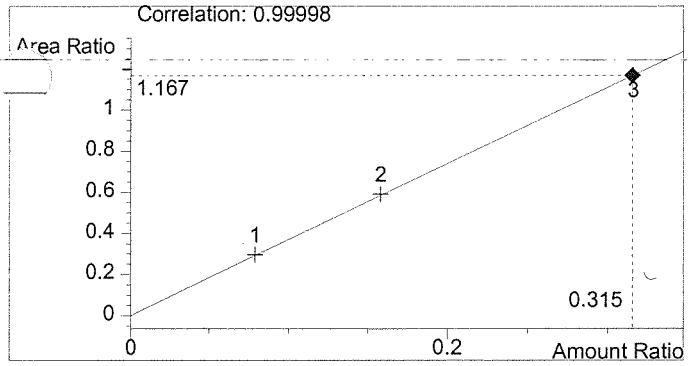
0.316 CALIBRATOR
ANN MARIE GORDON

vial # 4

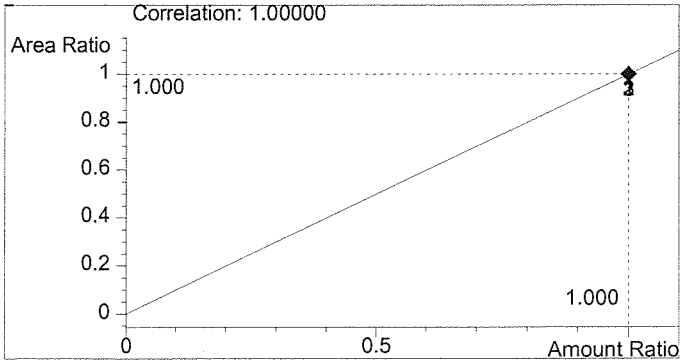


#	Compound	Area	RT
1	Ethanol	4672	1.041
2	n-Propanol	4002	1.699

Totals:



Ethanol 0.315 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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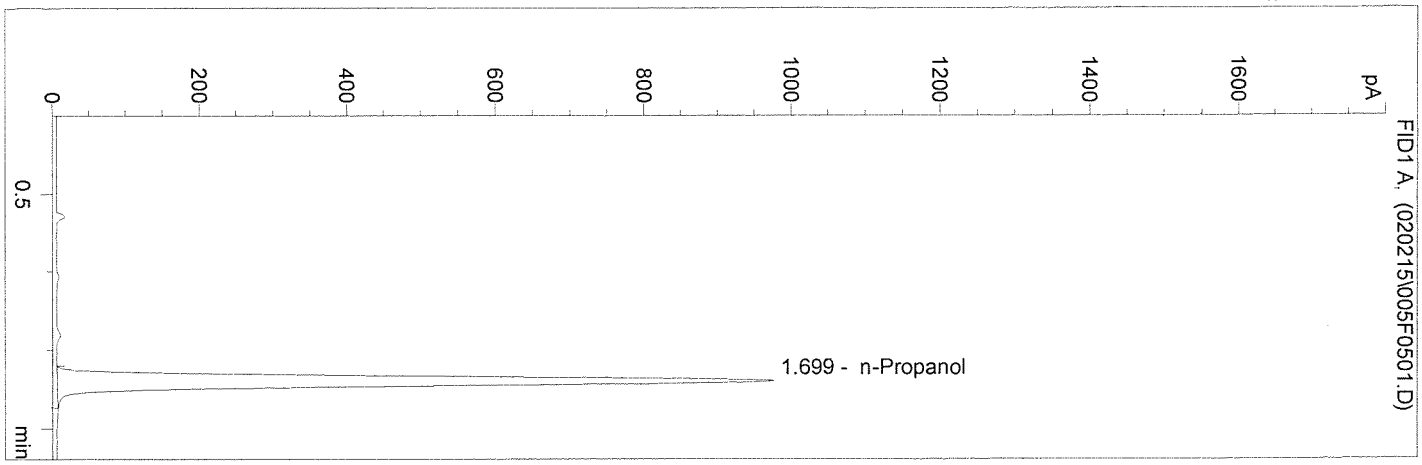
2/8/02 8:20:25 AM
Instrument 1
-ALC1

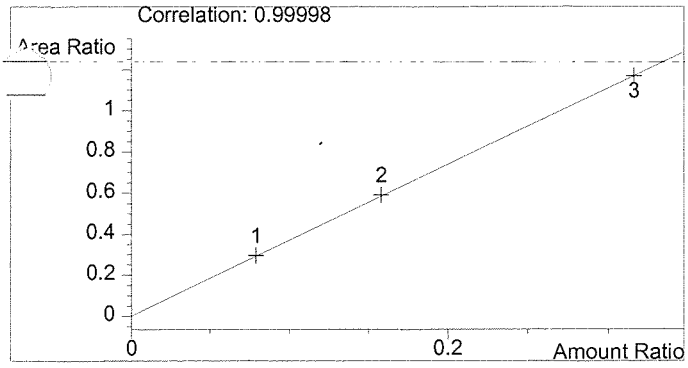
BLANK
ANN MARIE GORDON

vial # 5

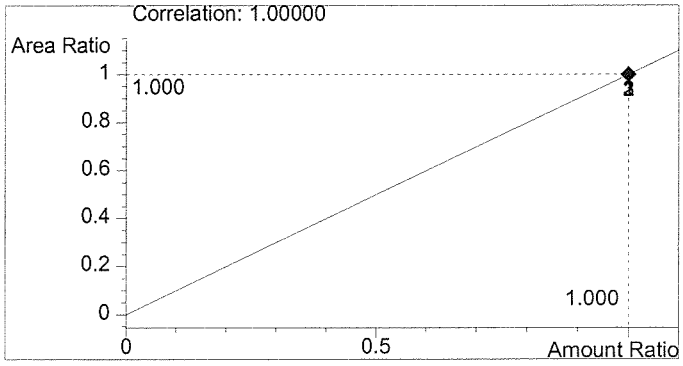


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4025	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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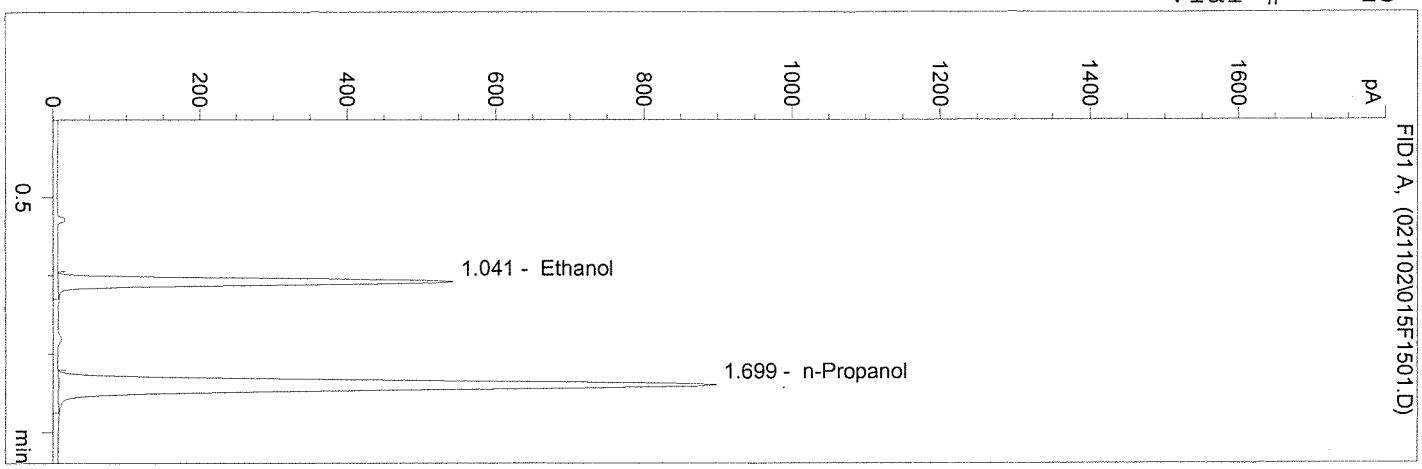
2/11/02 12:56:40 PM
Instrument 1
-ALC1

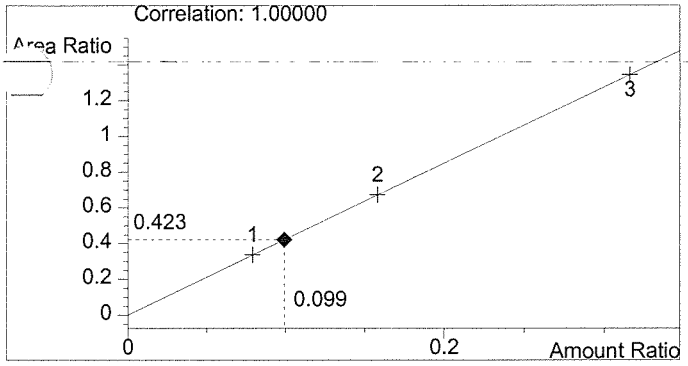
02001-Sim Sol.
Estuardo J. Miranda

vial # 15

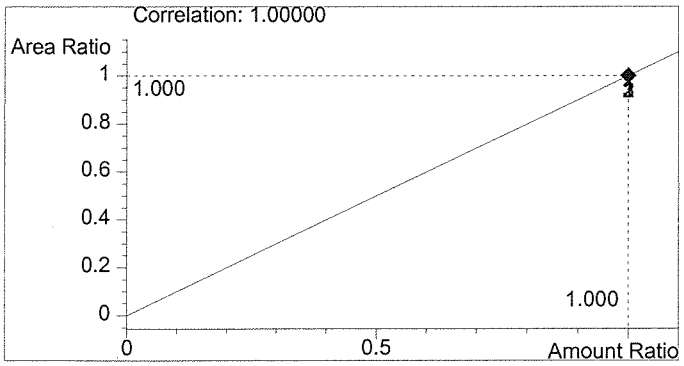


#	Compound	Area	RT
1	Ethanol	1565	1.041
2	n-Propanol	3700	1.699

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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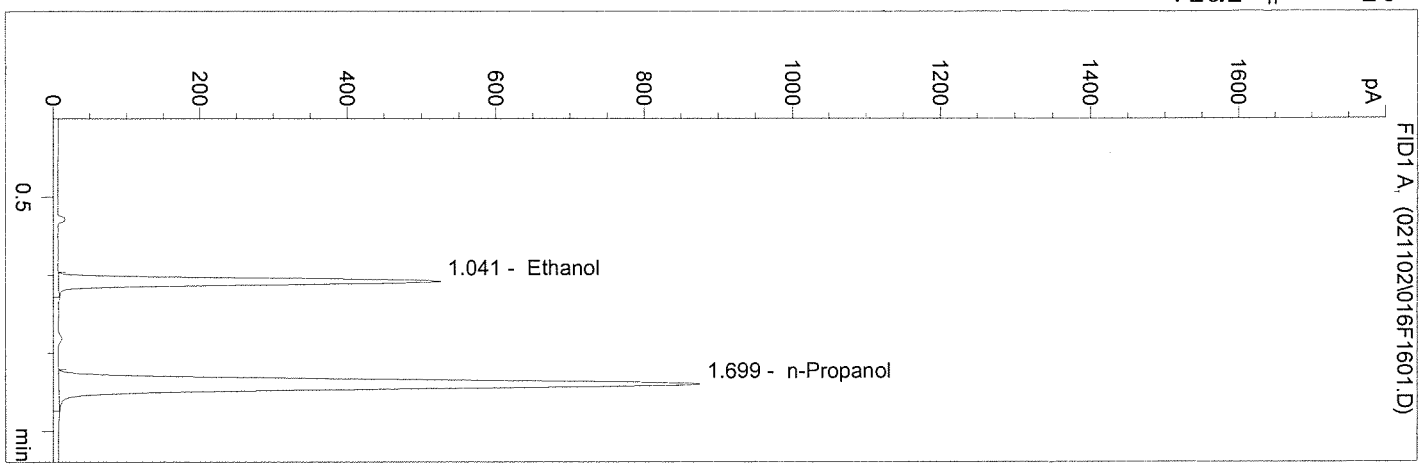
2/11/02 12:59:42 PM
Instrument 1
-ALC1

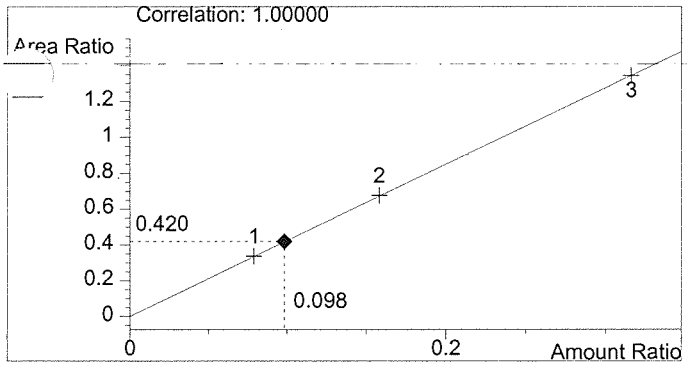
02001-Sim Sol.
Estuardo J. Miranda

vial # 16

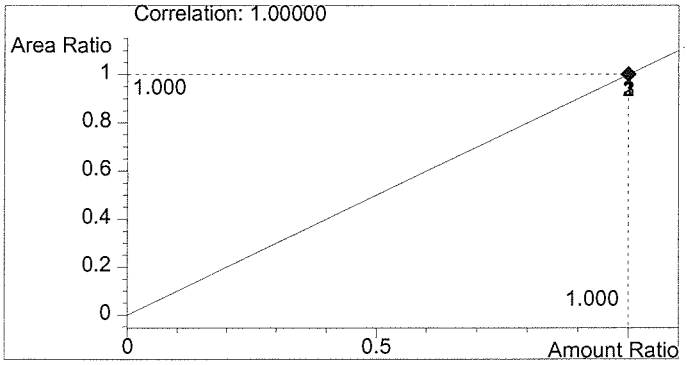


#	Compound	Area	RT
1	Ethanol	1513	1.041
2	n-Propanol	3605	1.699

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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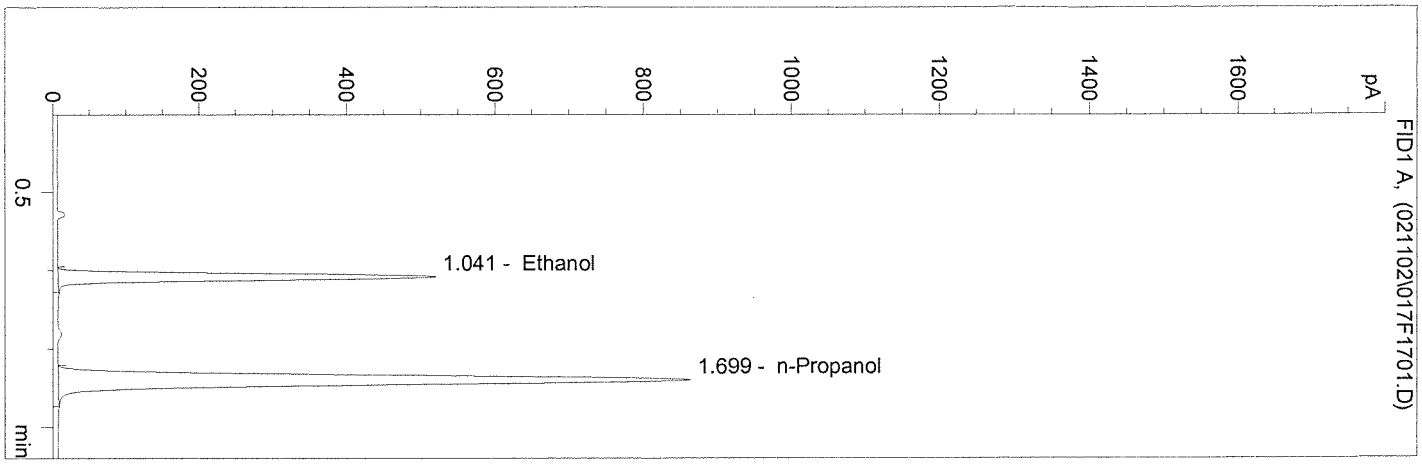
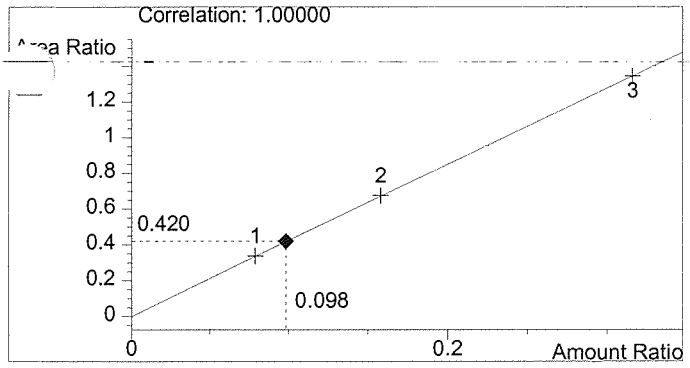
2/11/02 1:02:46 PM
Instrument 1
-ALC1

02001-Sim Sol.
Estuardo J. Miranda

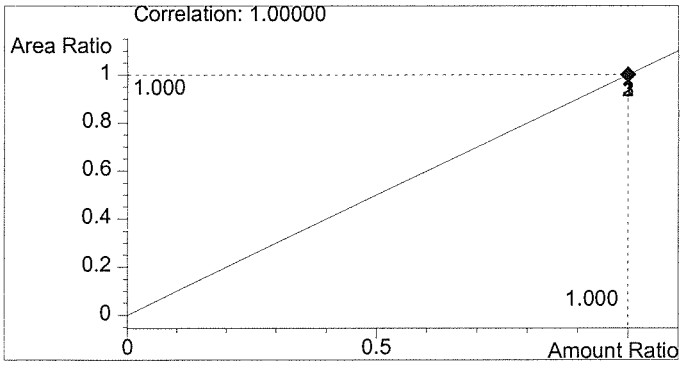
vial # 17



#	Compound	Area	RT
1	Ethanol	1494	1.041
2	n-Propanol	3558	1.699
Totals:			



Ethanol 0.098 g/100ml



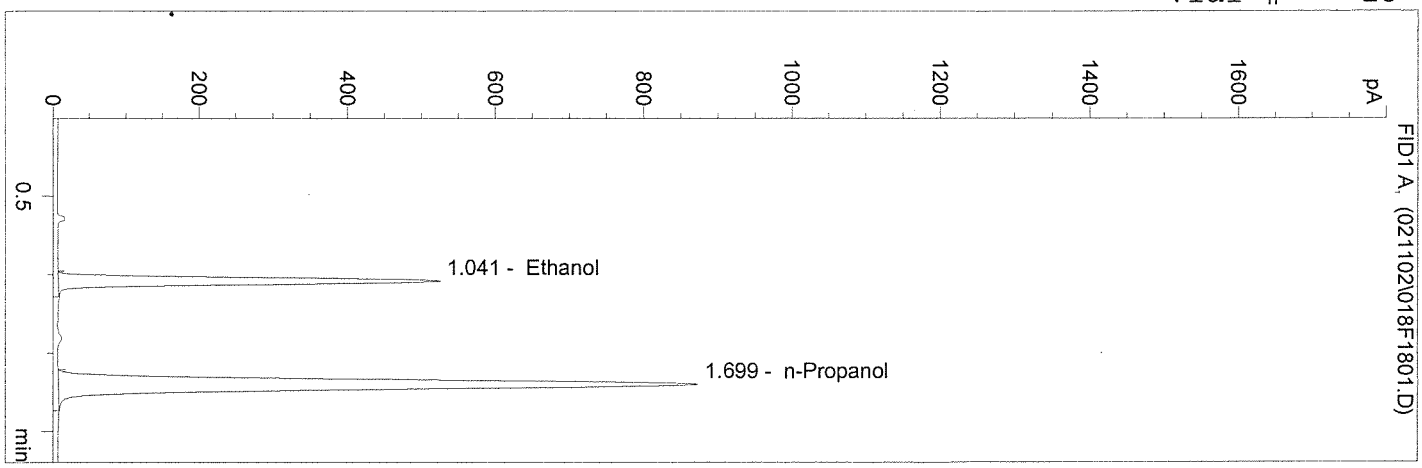
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/11/02 1:05:50 PM
Instrument 1
-ALC1

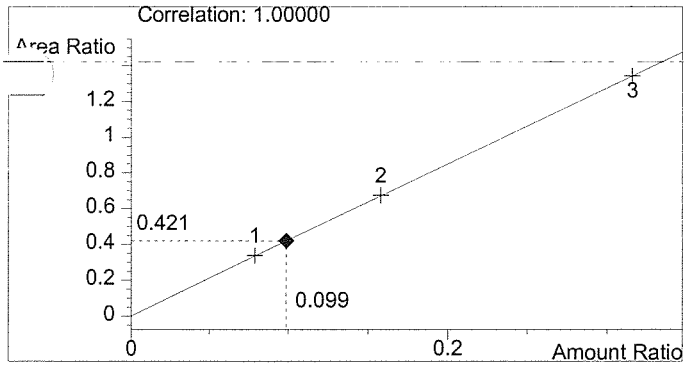
02001-Sim Sol.
Estuardo J. Miranda

vial # 18

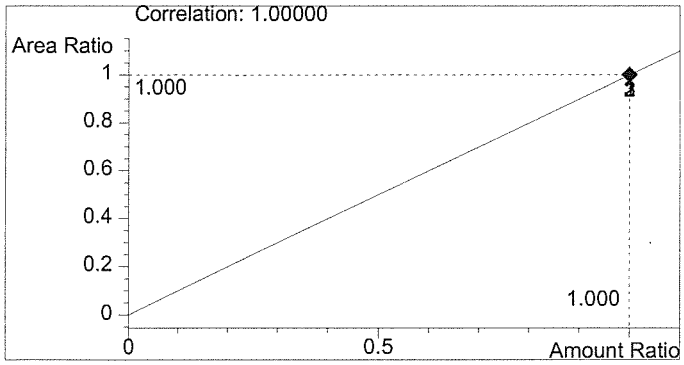


#	Compound	Area	RT
1	Ethanol	1517	1.041
2	n-Propanol	3605	1.699

Totals:



Ethanol 0.099 g/100ml



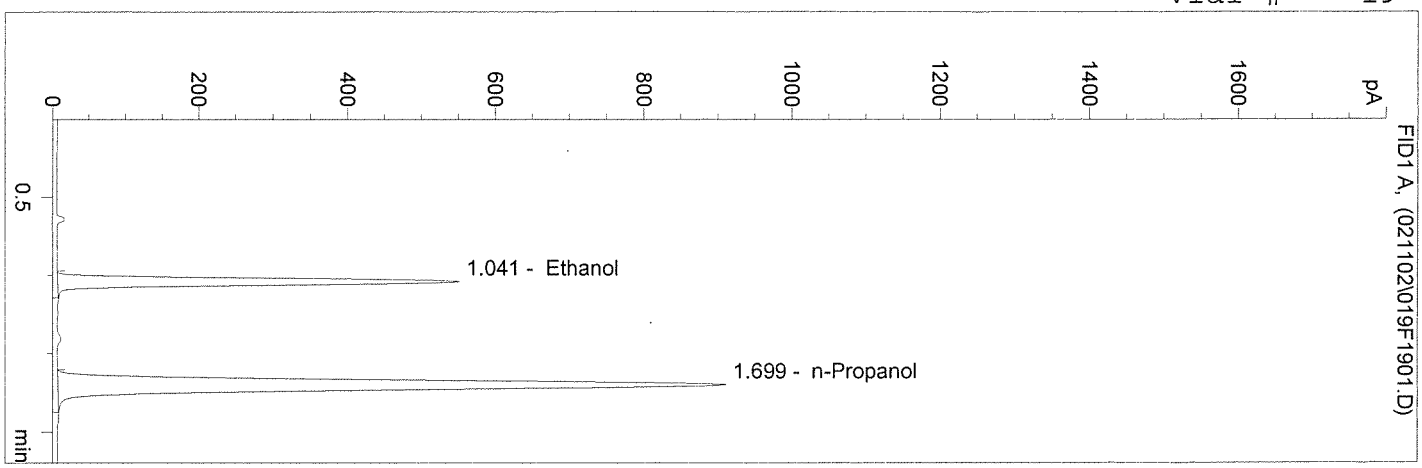
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/11/02 1:08:52 PM
Instrument 1
-ALC1

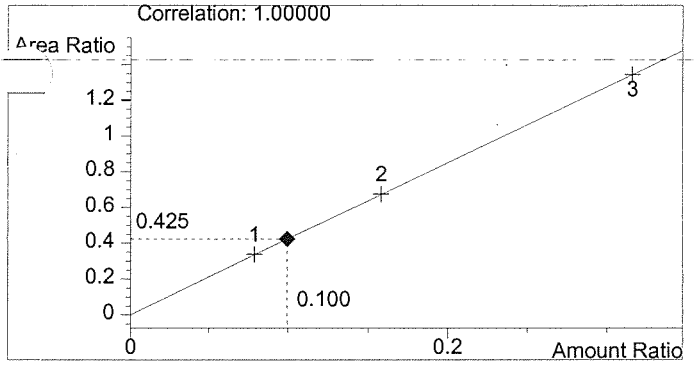
02001-Sim Sol.
Estuardo J. Miranda

vial # 19

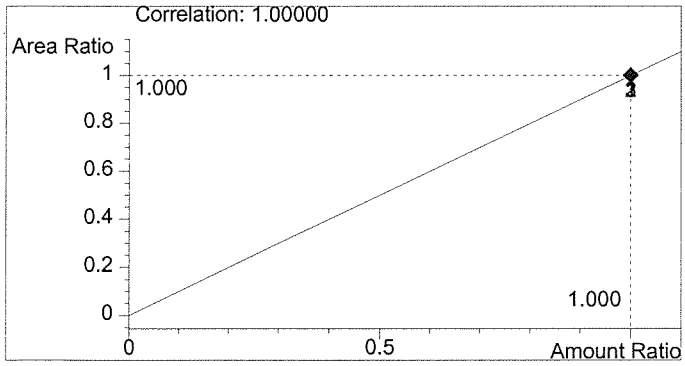


#	Compound	Area	RT
1	Ethanol	1597	1.041
2	n-Propanol	3762	1.699

Totals:



Ethanol 0.100 g/100ml



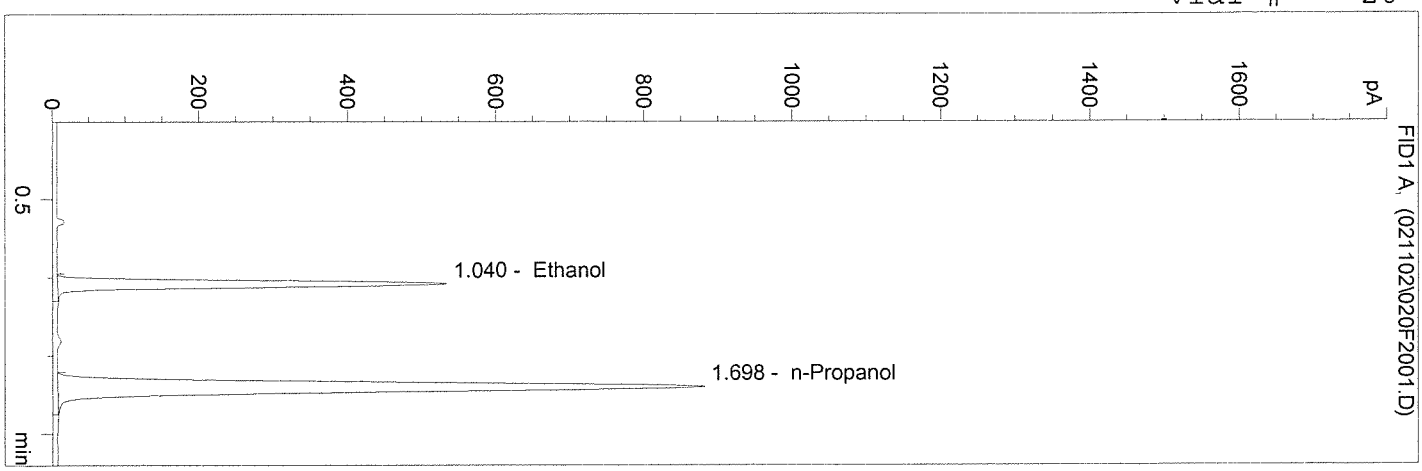
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/11/02 1:11:54 PM
Instrument 1
-ALC1

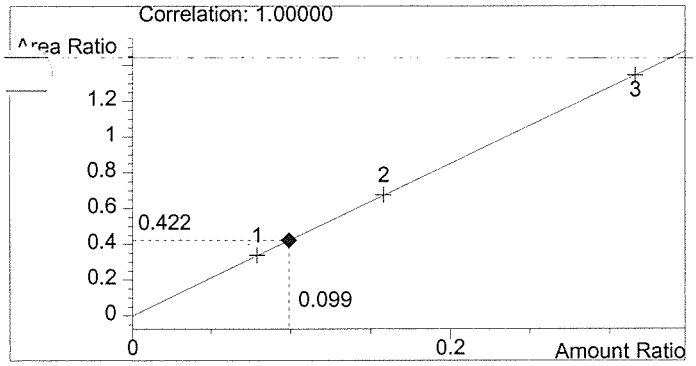
0.101 CAP contro
Estuardo J. Miranda

vial # 20

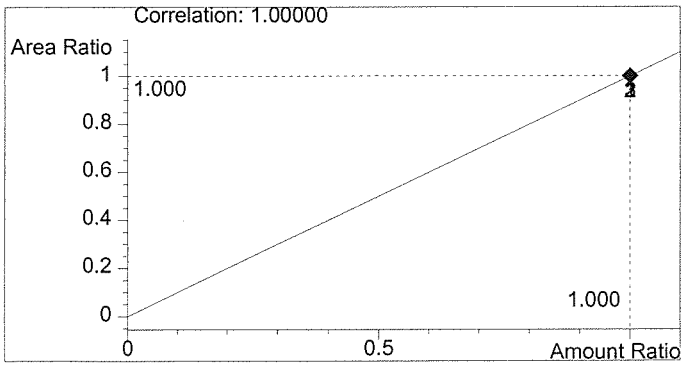


#	Compound	Area	RT
1	Ethanol	1535	1.040
2	n-Propanol	3637	1.698

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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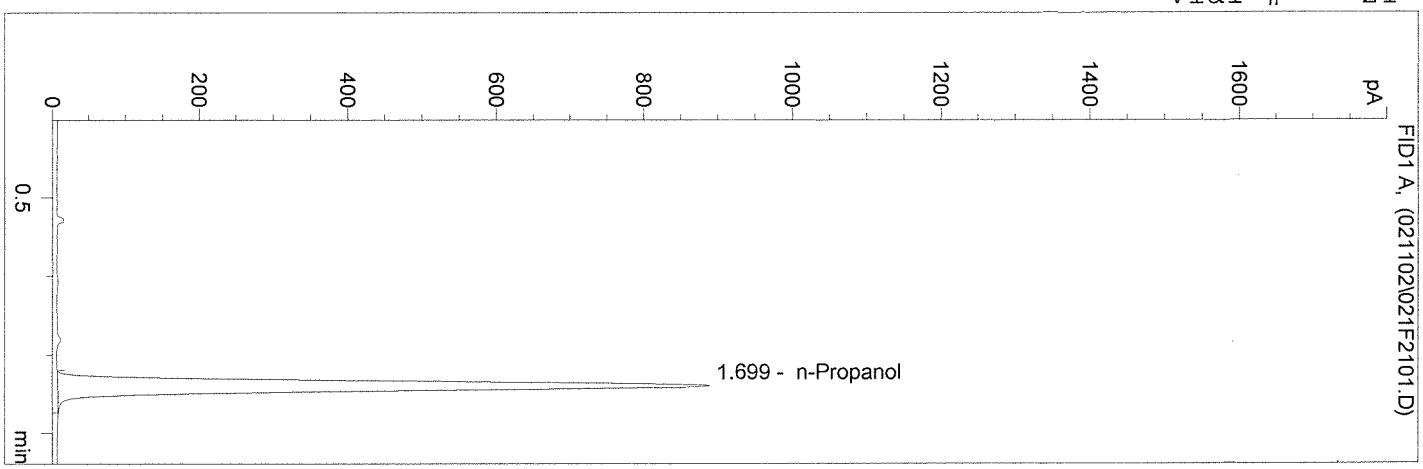
2/11/02 1:14:57 PM
Instrument 1
-ALC1

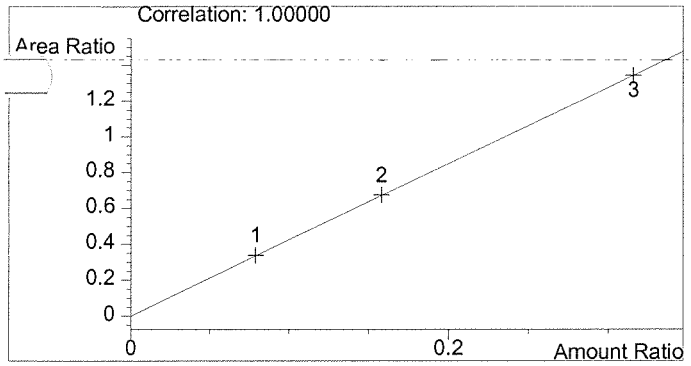
BLANK
Estuardo J. Miranda

vial # 21

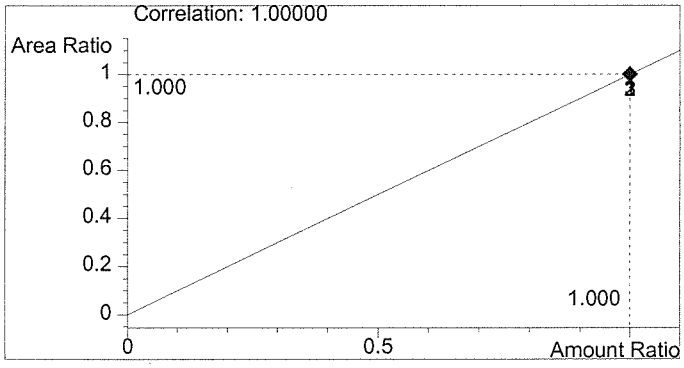


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3673	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO	1	Sample		
2	2	0.079 Calibrator	BLDALCO	1	Calib		
3	3	0.158 Calibrator	BLDALCO	1	Calib		
4	4	0.316 Calibrator	BLDALCO	1	Calib		
5	5	BLANK	BLDALCO	1	Sample		
6	6	0.02	BLDALCO	1	Sample		
7	7	0.040 CAP	BLDALCO	1	Ctrl Samp		
8	8	0.101 CAP	BLDALCO	1	Ctrl Samp		
9	9	0.197 CAP	BLDALCO	1	Ctrl Samp		
10	10	0.474	BLDALCO	1	Sample		
11	11	BLANK	BLDALCO	1	Sample		
12	12	0.040 Mix Calib.	VOL	1	Calib		
13	13	0.078 Mix Calib.	VOL	1	Calib		
14	14	BLANK	BLDALCO	1	Sample		
15	15	02001-Sim Sol.	BLDALCO	1	Sample		
16	16	02001-Sim Sol.	BLDALCO	1	Sample		
17	17	02001-Sim Sol.	BLDALCO	1	Sample		
18	18	02001-Sim Sol.	BLDALCO	1	Sample		
19	19	02001-Sim Sol.	BLDALCO	1	Sample		
20	20	0.101 CAP contro	BLDALCO	1	Ctrl Samp		
21	21	BLANK	BLDALCO	1	Sample		
22	22	02002-Q.A. Sol.	BLDALCO	1	Sample		
23	23	02002-Q.A. Sol.	BLDALCO	1	Sample		
24	24	02002-Q.A. Sol.	BLDALCO	1	Sample		
25	25	02002-Q.A. Sol.	BLDALCO	1	Sample		
26	26	02002-Q.A. Sol.	BLDALCO	1	Sample		
27	27	02003-Q.A. Sol.	BLDALCO	1	Sample		
28	28	02003-Q.A. Sol.	BLDALCO	1	Sample		
29	29	02003-Q.A. Sol.	BLDALCO	1	Sample		
30	30	02003-Q.A. Sol.	BLDALCO	1	Sample		
31	31	02003-Q.A. Sol.	BLDALCO	1	Sample		
32	32	0.101 CAP contro	BLDALCO	1	Ctrl Samp		
33	33	BLANK	BLDALCO	1	Sample		
34	34	02004-Q.A. Sol.	BLDALCO	1	Sample		
35	35	02004-Q.A. Sol.	BLDALCO	1	Sample		
36	36	02004-Q.A. Sol.	BLDALCO	1	Sample		
37	37	02004-Q.A. Sol.	BLDALCO	1	Sample		
38	38	02004-Q.A. Sol.	BLDALCO	1	Sample		
39	39	02005-Q.A. Sol.	BLDALCO	1	Sample		
40	40	02005-Q.A. Sol.	BLDALCO	1	Sample		
41	41	02005-Q.A. Sol.	BLDALCO	1	Sample		
42	42	02005-Q.A. Sol.	BLDALCO	1	Sample		
43	43	02005-Q.A. Sol.	BLDALCO	1	Sample		
44	44	0.101 CAP contro	BLDALCO	1	Ctrl Samp		

Sequence Table (Back Injector):

No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

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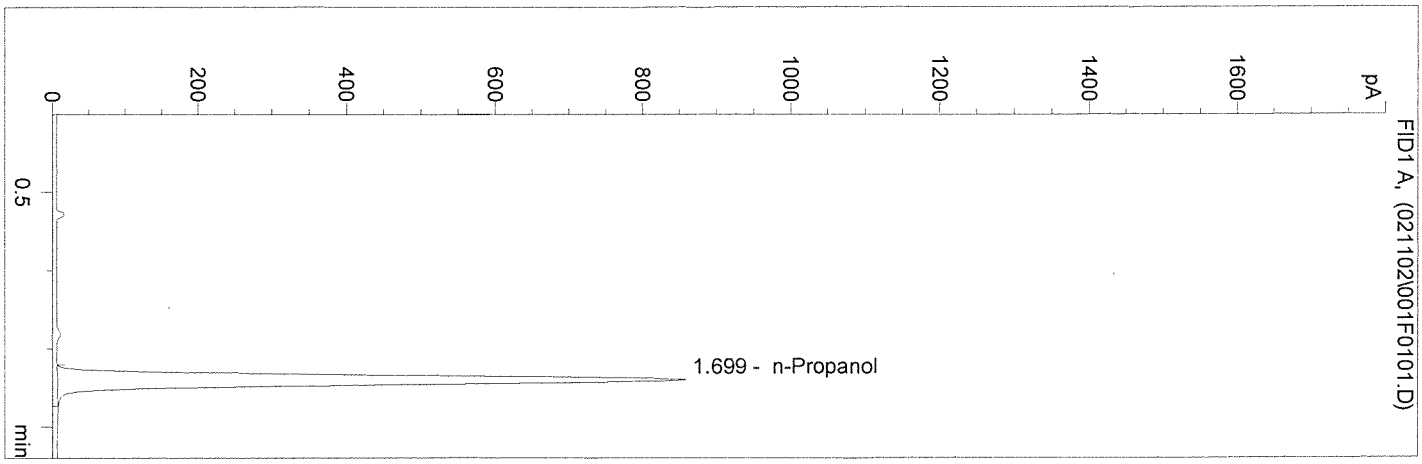
Instrument 1
-ALC1

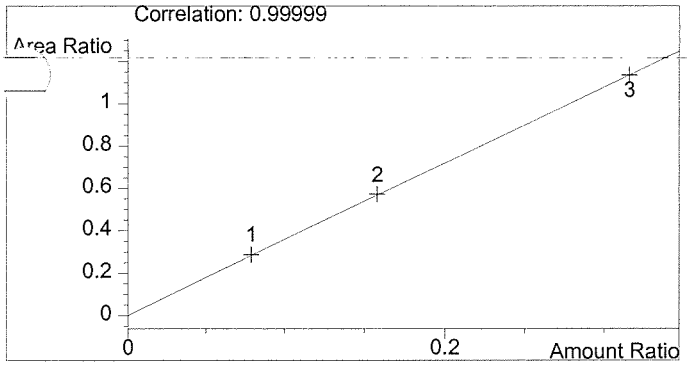
BLANK
Estuardo J. Miranda

vial # 1

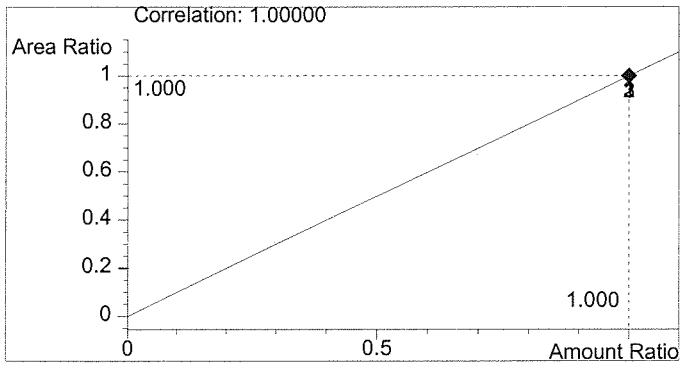


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3543	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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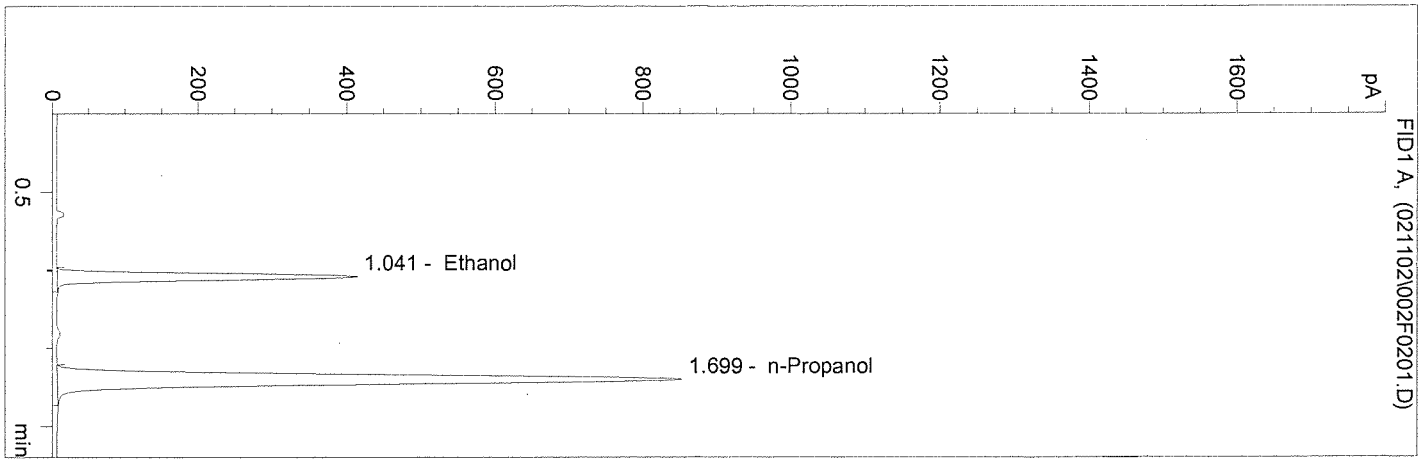
Instrument 1
-ALC1

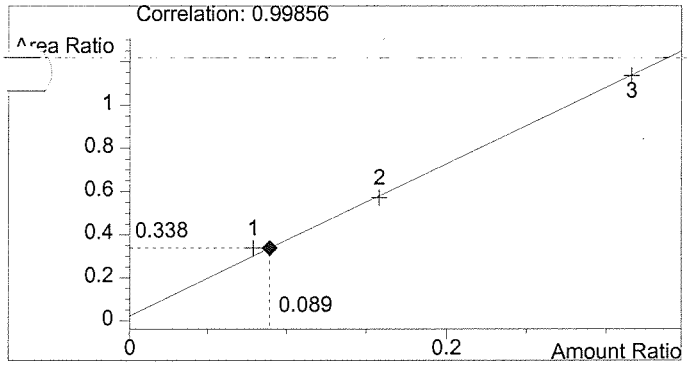
0.079 Calibrator
Estuardo J. Miranda

vial # 2

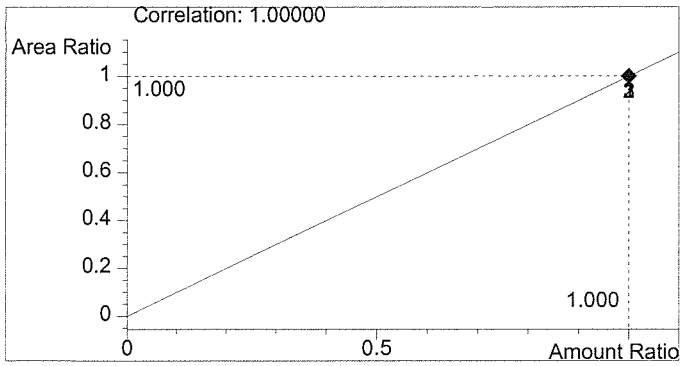


#	Compound	Area	RT
1	Ethanol	1192	1.041
2	n-Propanol	3523	1.699

Totals:



Ethanol 0.089 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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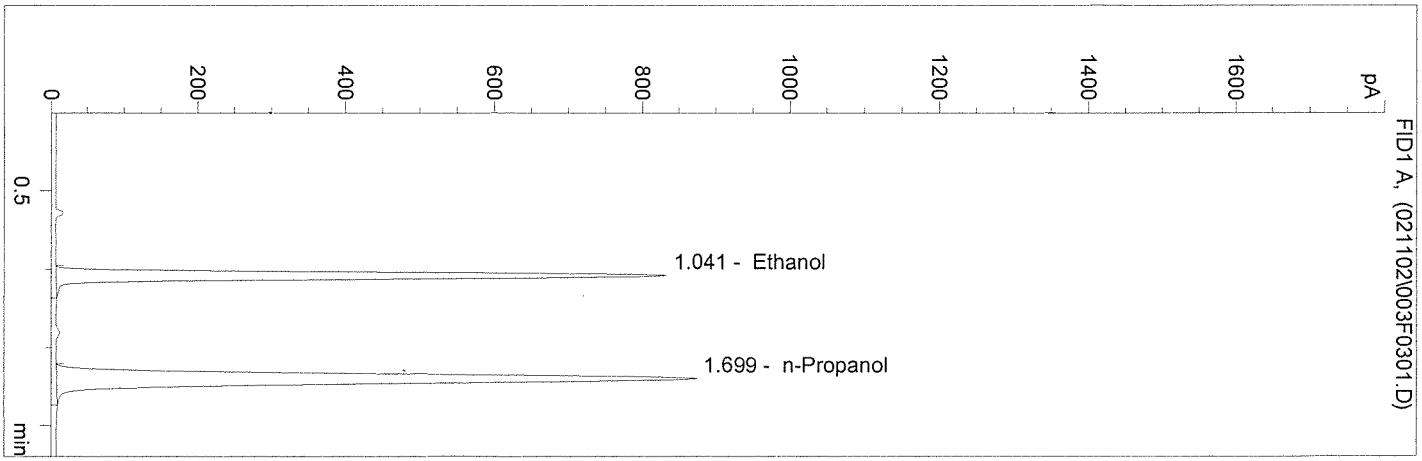
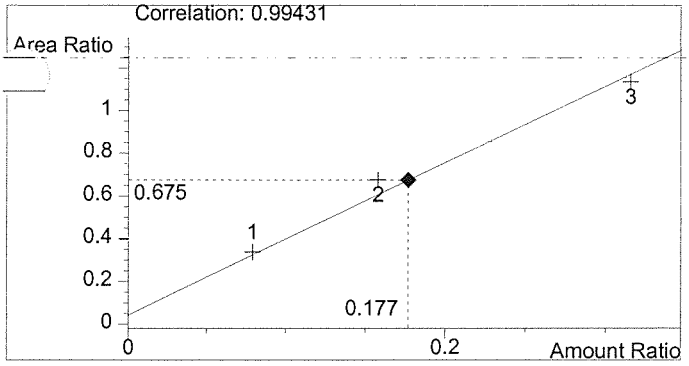
Instrument 1
-ALC1

0.158 Calibrator
Estuardo J. Miranda

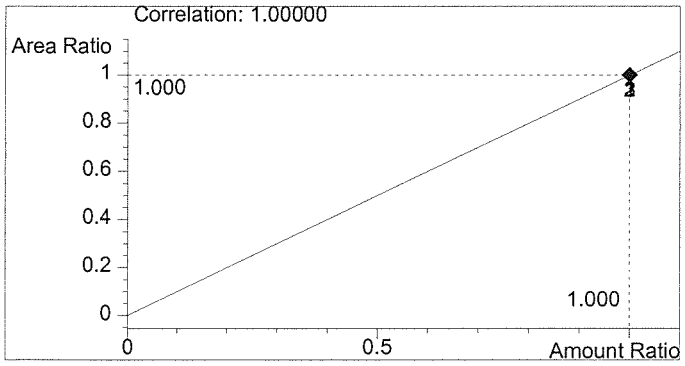
vial # 3



#	Compound	Area	RT
1	Ethanol	2429	1.041
2	n-Propanol	3600	1.699
Totals:			



Ethanol 0.177 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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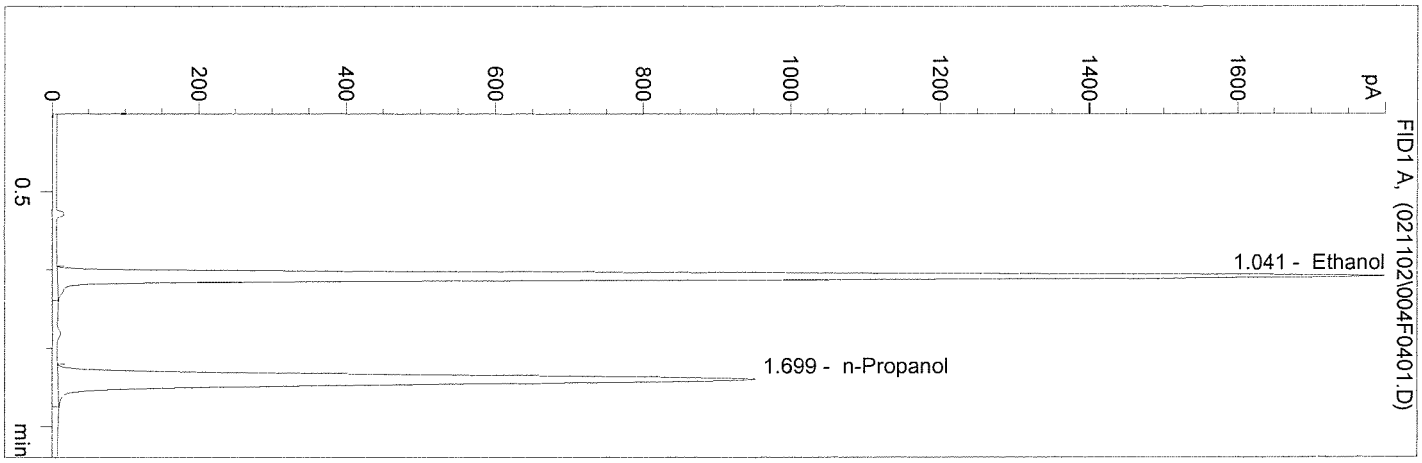
Instrument 1
-ALC1

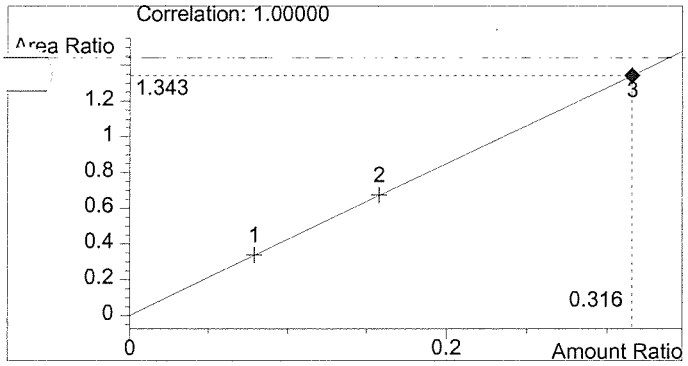
0.316 Calibrator
Estuardo J. Miranda

vial # 4

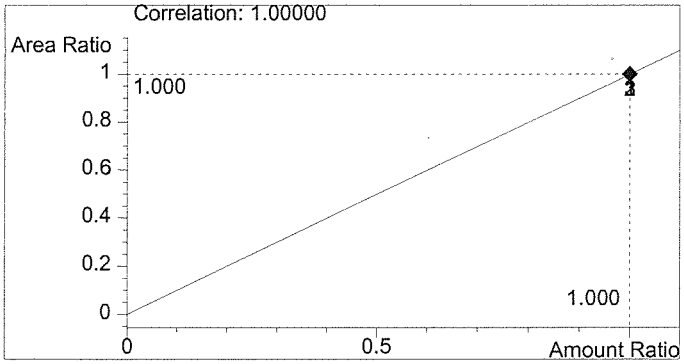


#	Compound	Area	RT
1	Ethanol	5281	1.041
2	n-Propanol	3932	1.699

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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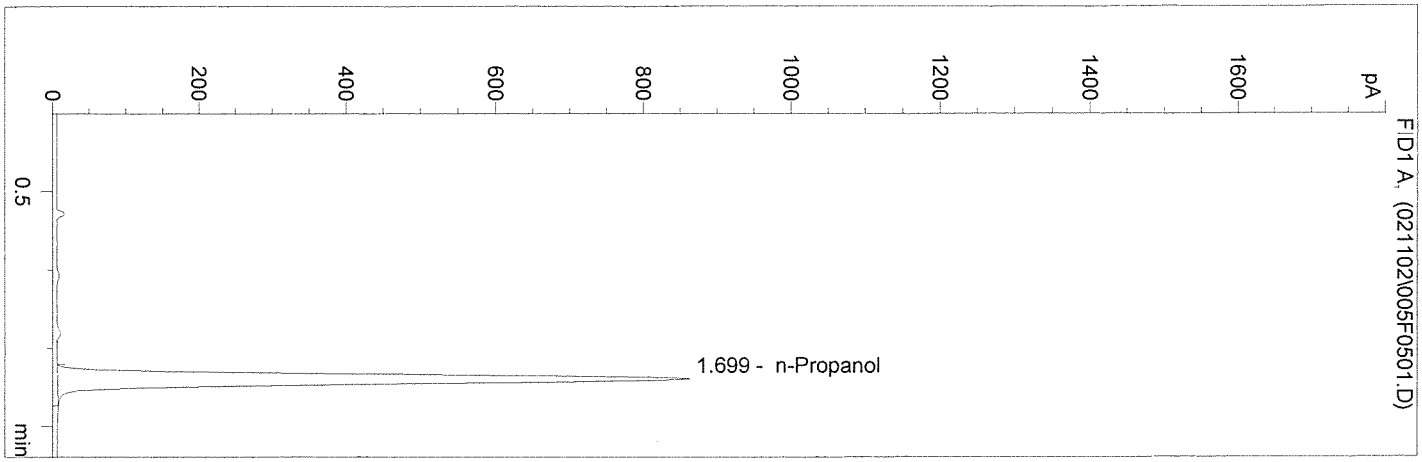
Instrument 1
-ALC1

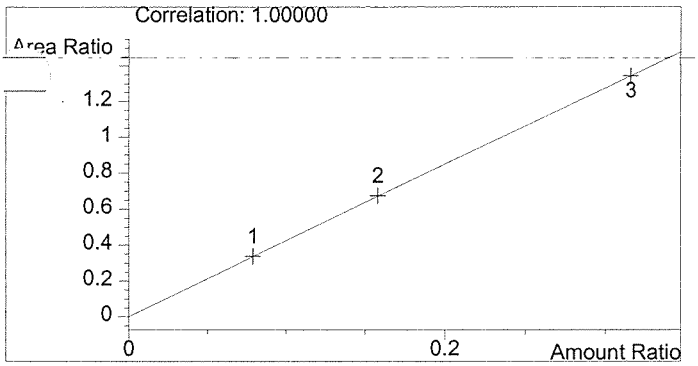
BLANK
Estuardo J. Miranda

vial # 5

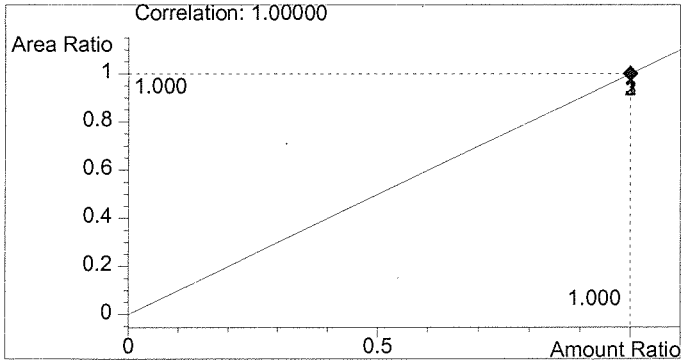


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3564	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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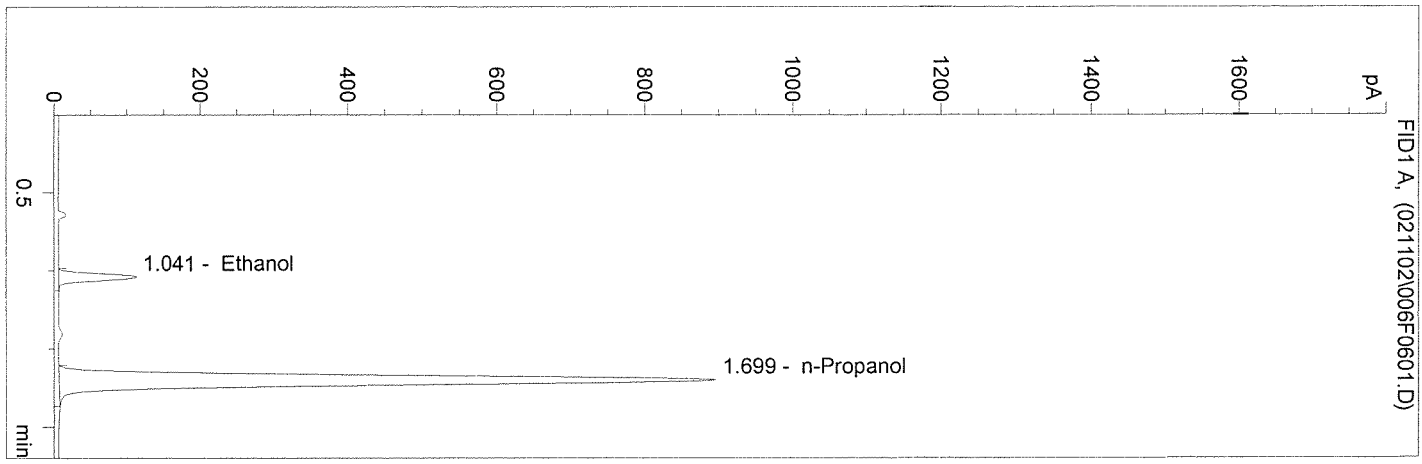
Instrument 1
-ALC1

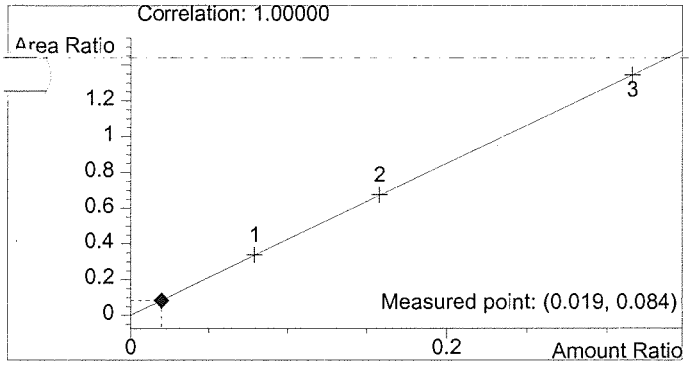
0.02
Estuardo J. Miranda

vial # 6

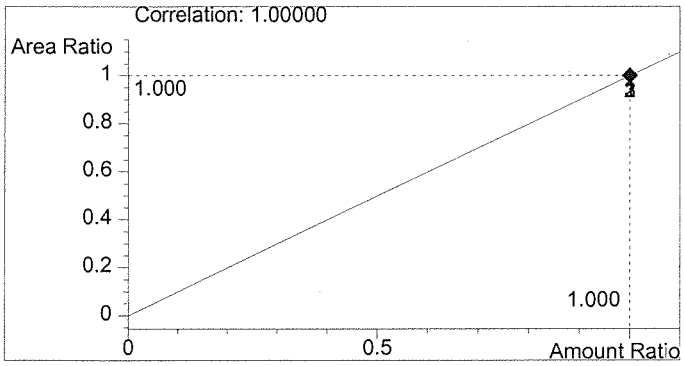


#	Compound	Area	RT
1	Ethanol	312	1.041
2	n-Propanol	3694	1.699

Totals:



Ethanol 0.019 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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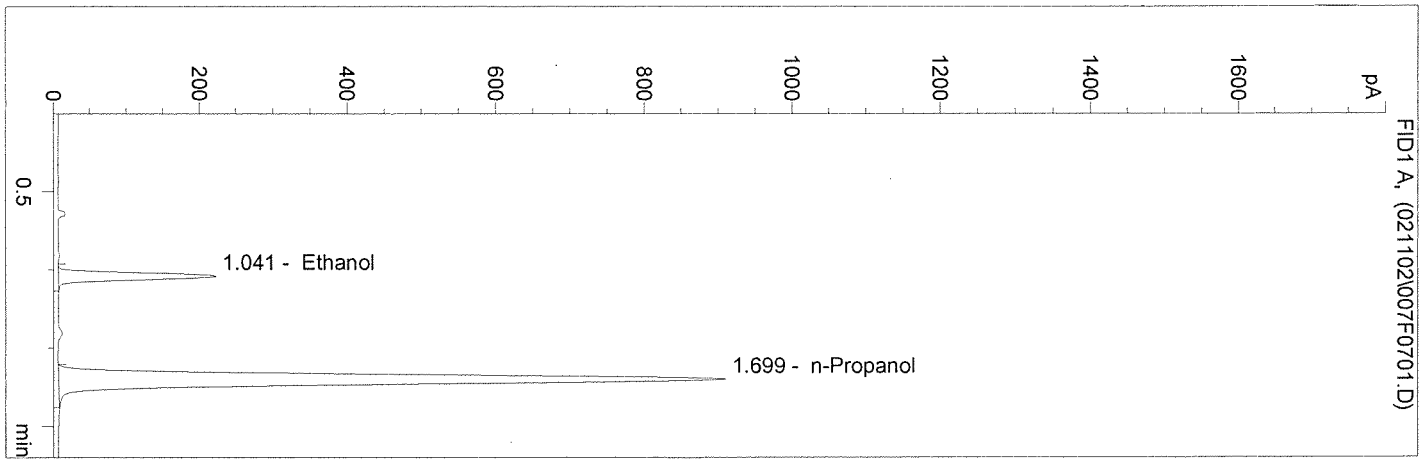
Instrument 1
-ALC1

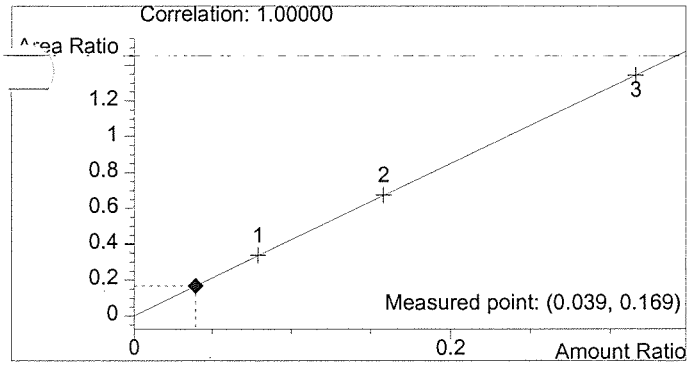
0.040 CAP
Estuardo J. Miranda

vial # 7

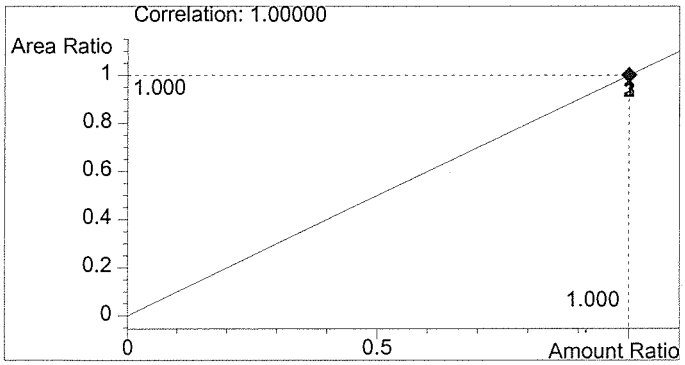


#	Compound	Area	RT
1	Ethanol	632	1.041
2	n-Propanol	3744	1.699

Totals:



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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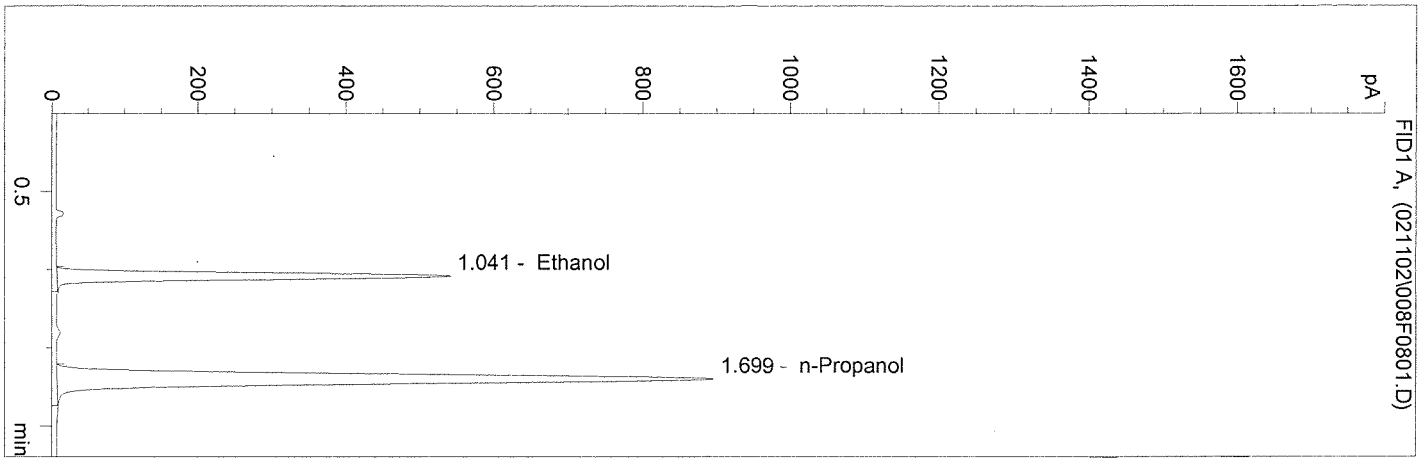
Instrument 1
-ALC1

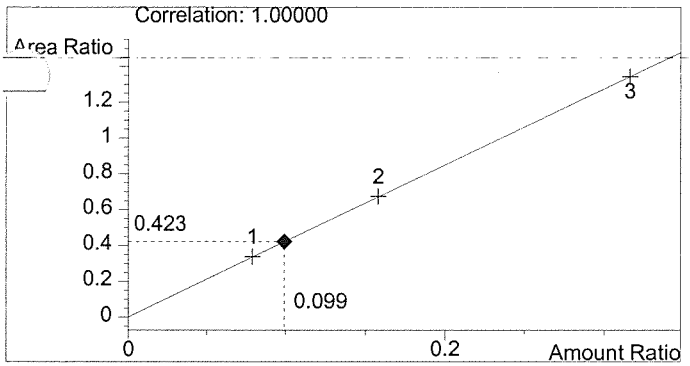
0.101 CAP
Estuardo J. Miranda

vial # 8

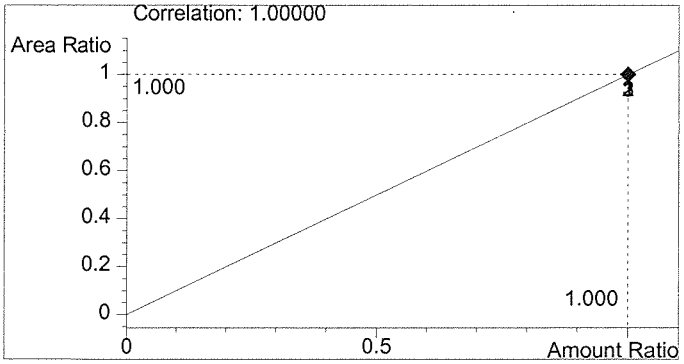


#	Compound	Area	RT
1	Ethanol	1564	1.041
2	n-Propanol	3696	1.699

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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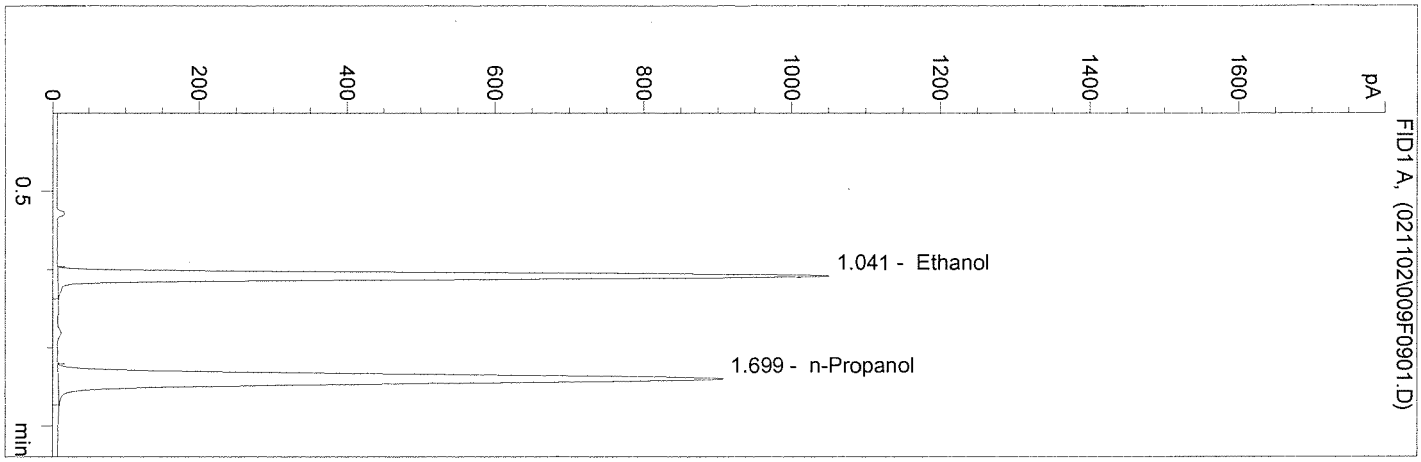
2/11/02 12:37:55 PM
Instrument 1
-ALC1

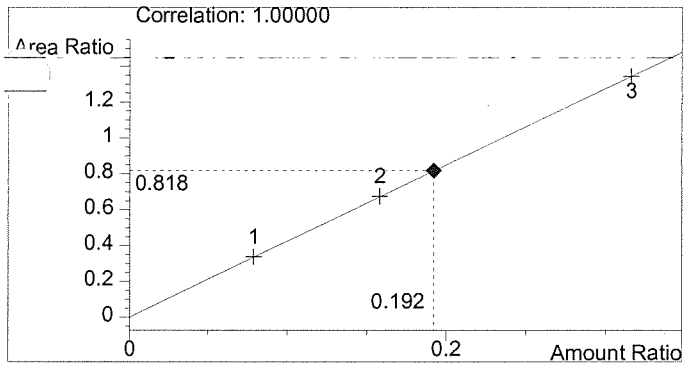
0.197 CAP
Estuardo J. Miranda

vial # 9

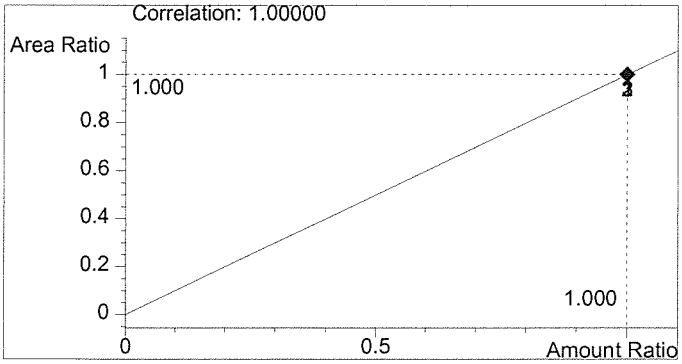


#	Compound	Area	RT
1	Ethanol	3060	1.041
2	n-Propanol	3739	1.699

Totals:



Ethanol 0.192 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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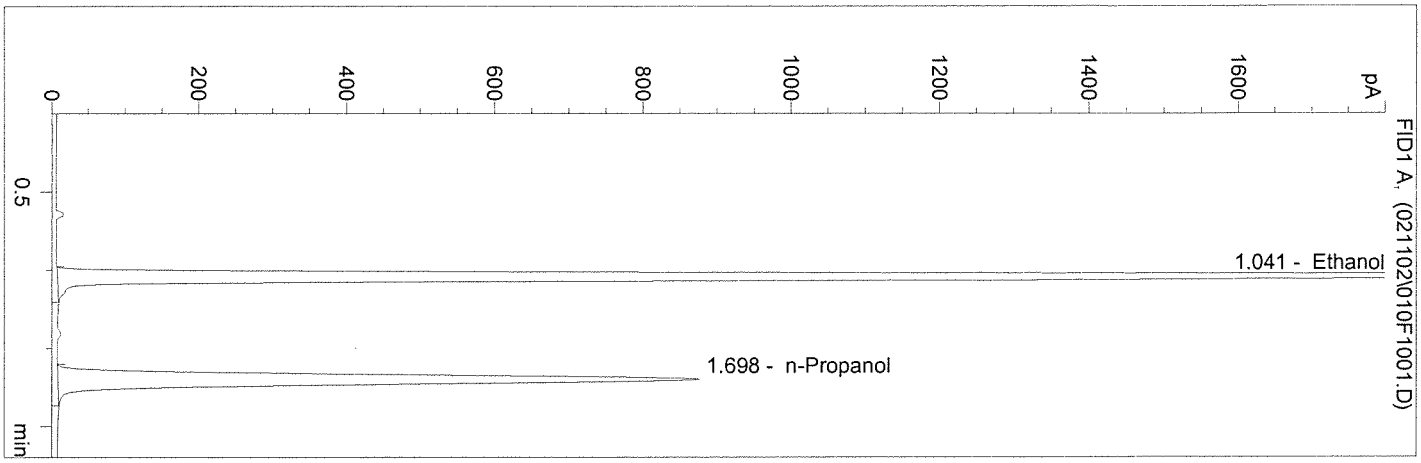
2/11/02 12:40:57 PM
Instrument 1
-ALC1

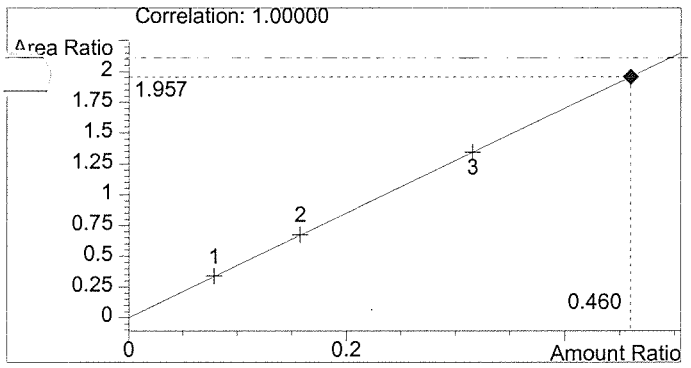
0.474
Estuardo J. Miranda

vial # 10

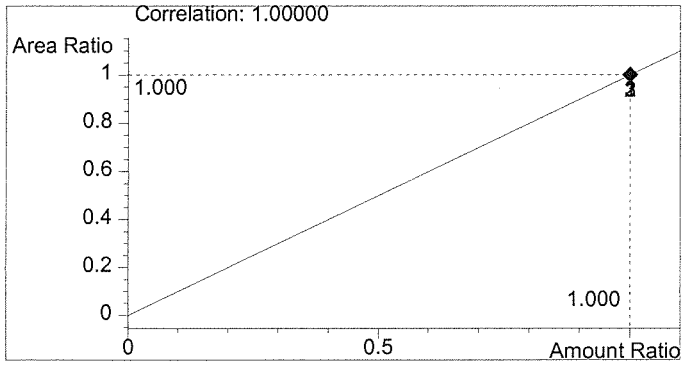


#	Compound	Area	RT
1	Ethanol	7073	1.041
2	n-Propanol	3615	1.698

Totals:



Ethanol 0.460 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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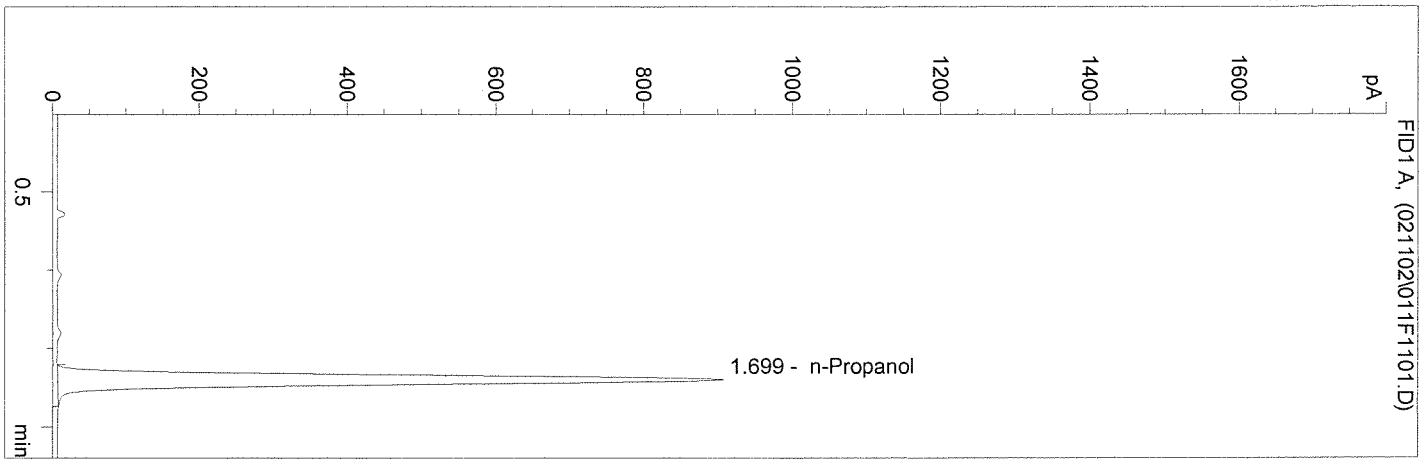
Instrument 1
-ALC1

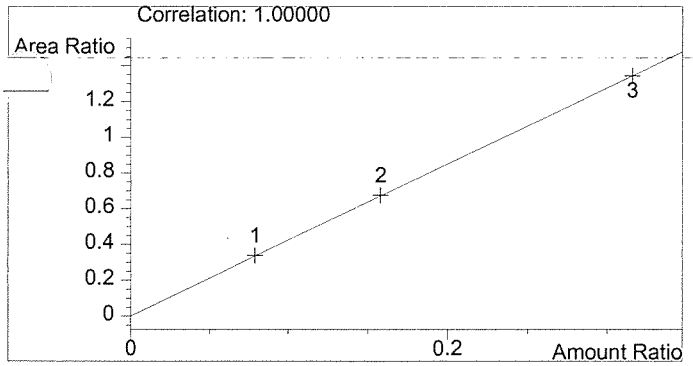
BLANK
Estuardo J. Miranda

vial # 11

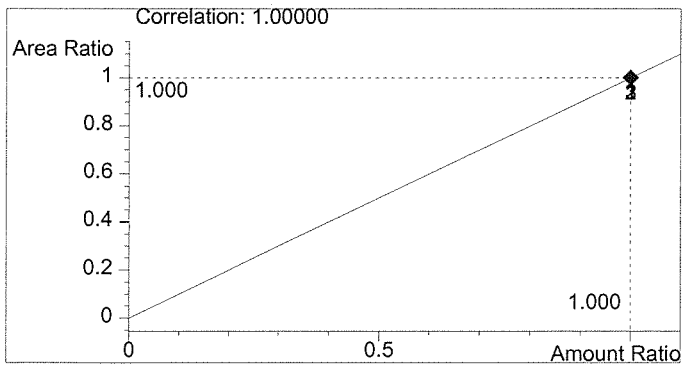


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3740	1.699

Totals:



Ethanol 0.000 g/100ml



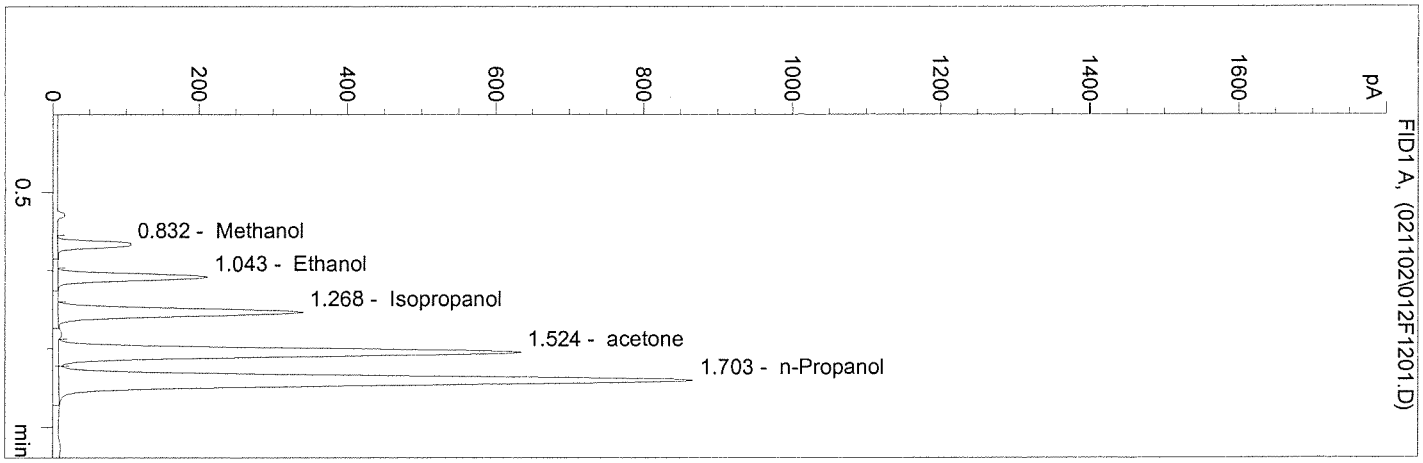
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\VOL.M
2/11/02 12:47:08 PM
Instrument 1
-ALC1

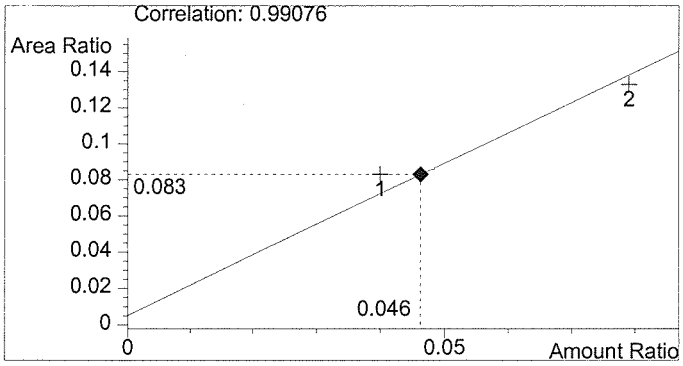
0.040 Mix Calib.
Estuardo J. Miranda

vial # 12

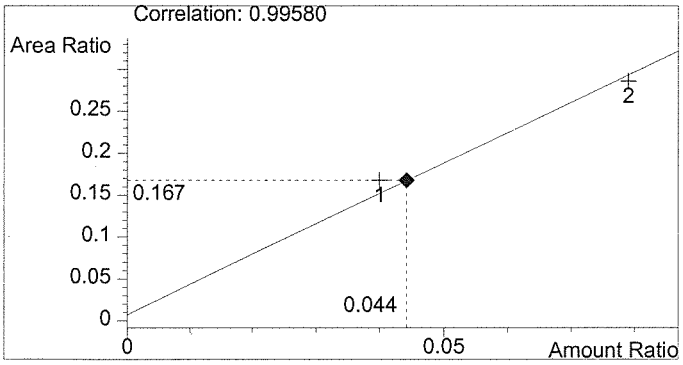


#	Compound	Area	RT
1	Methanol	297	0.832
2	Ethanol	599	1.043
3	Isopropanol	1128	1.268
4	acetone	2299	1.524
5	n-Propanol	3577	1.703

Totals:



Methanol 0.046 g/100ml



Ethanol 0.044 g/100ml

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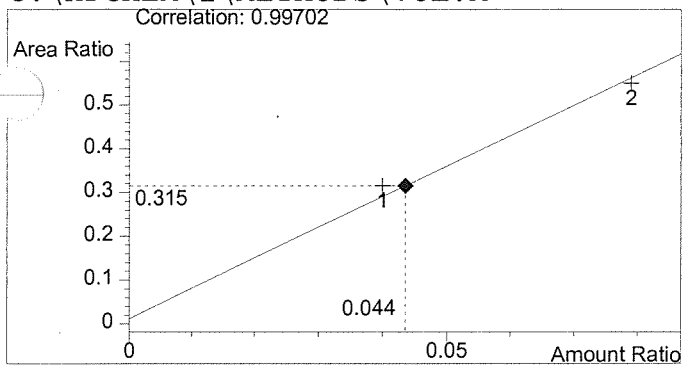
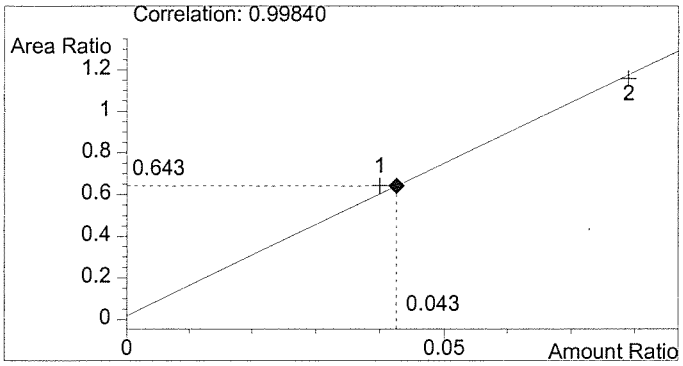
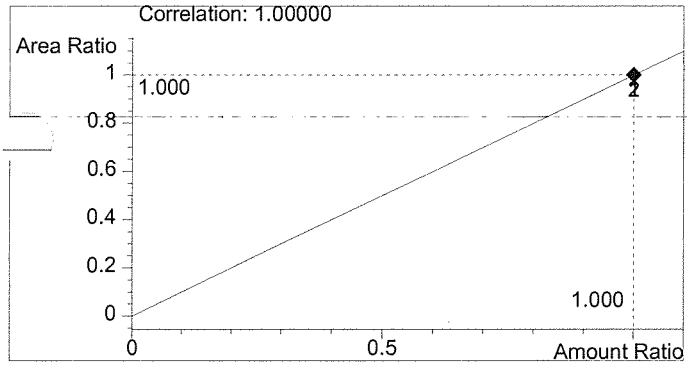


Isopropanol 0.044 g/100ml



acetone 0.043 g/100ml



n-Propanol 1.000 g/100ml

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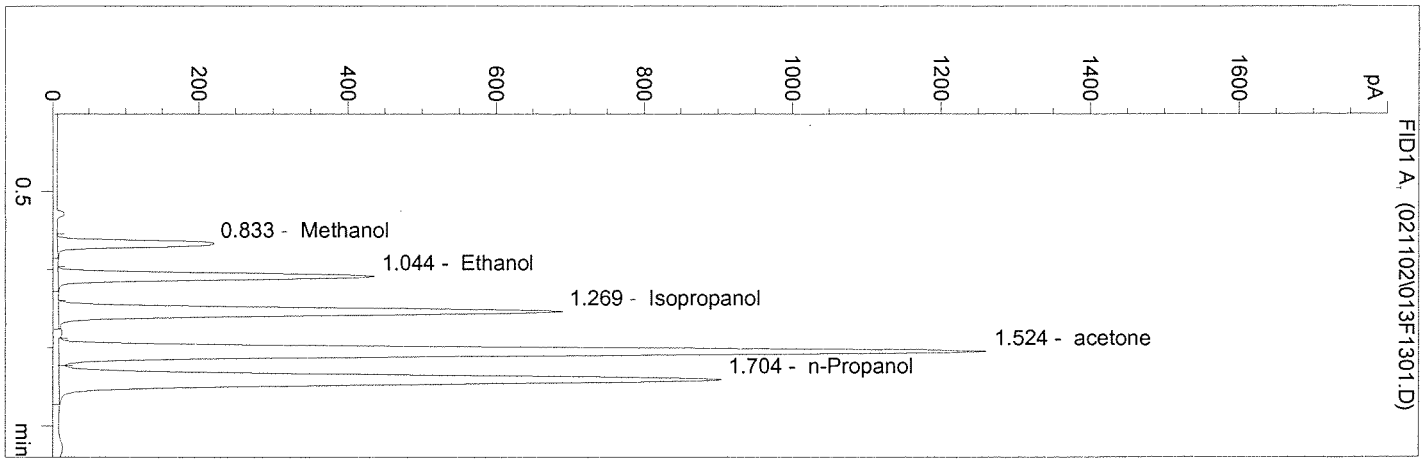
2/11/02 12:50:22 PM
Instrument 1
-ALC1

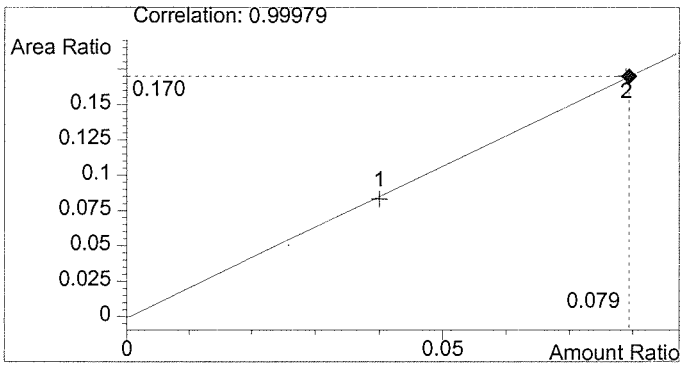
0.078 Mix Calib.
Estuardo J. Miranda

vial # 13

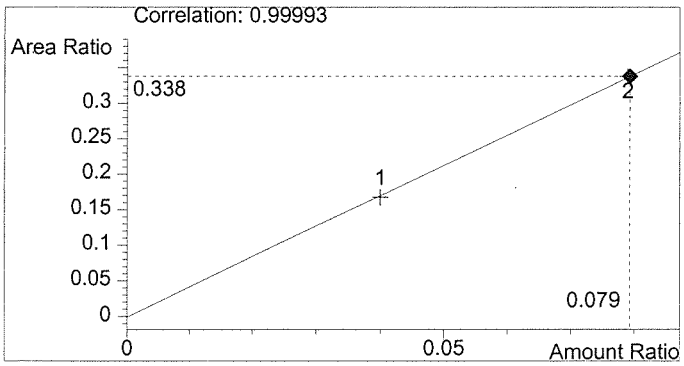


#	Compound	Area	RT
1	Methanol	635	0.833
2	Ethanol	1263	1.044
3	Isopropanol	2302	1.269
4	acetone	4596	1.524
5	n-Propanol	3738	1.704

Totals:



Methanol 0.079 g/100ml



Ethanol 0.079 g/100ml

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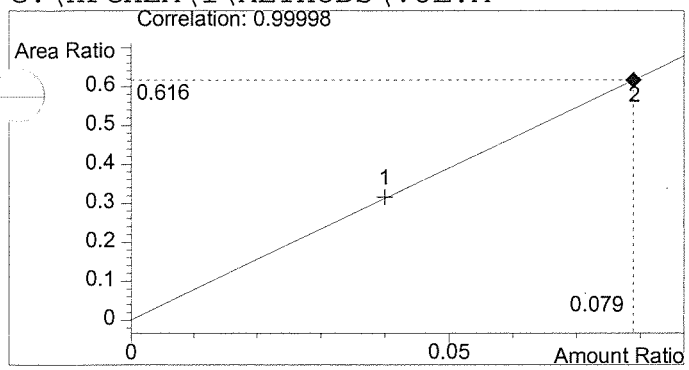
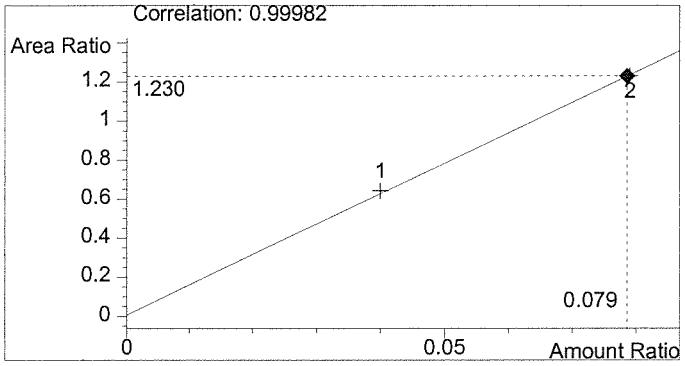
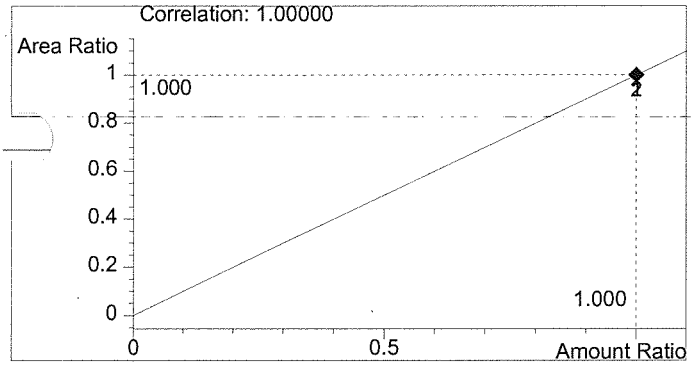


Isopropanol 0.079 g/100ml



acetone 0.079 g/100ml



n-Propanol 1.000 g/100ml

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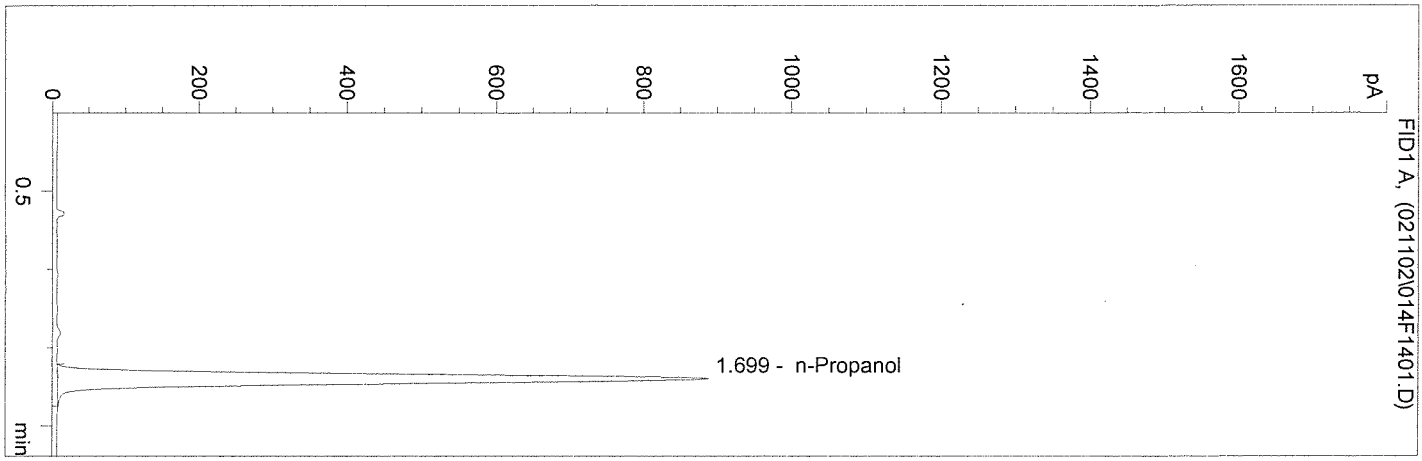
2/11/02 12:53:37 PM
Instrument 1
-ALC1

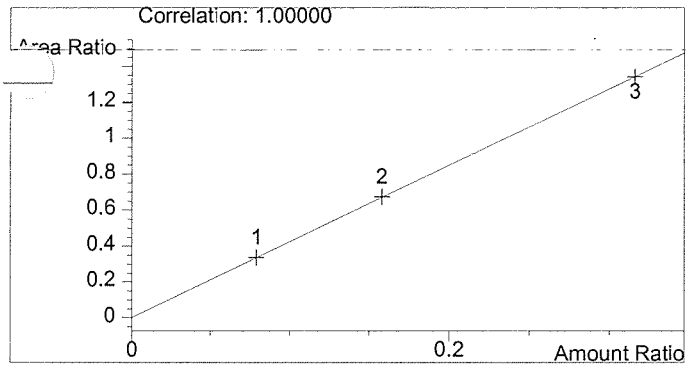
BLANK
Estuardo J. Miranda

vial # 14

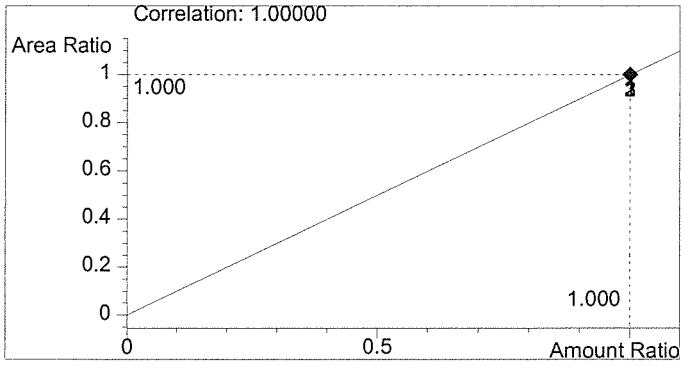


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3658	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml