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 **02016** Date: 5/22/2002

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

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.102	0.103	0.102	0.102	0.103	0.101	0.102	0.098	0.100	0.103		
2	0.102	0.103	0.102	0.101	0.103	0.101	0.102	0.099	0.100	0.102		
3	0.103	0.105	0.103	0.101	0.103	0.102	0.102	0.099	0.101	0.102		
4	0.102	0.105	0.102	0.101	0.103	0.102	0.102	0.098	0.100	0.102		
5	0.102	0.104	0.103	0.100	0.103	0.103	0.102	0.098	0.101	0.102		
Ctrl	0.099	0.100	0.101	0.100	0.101	0.101	0.100	0.097	0.099	0.098		

External Control:

Lot #: A021986 Exp date: Jan 2005

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1017 g/100 mL

SD: 0.00157

Range (3xSD): 0.0970 to 0.1065

Precision CV (%): 1.5480 %

Equivalent vapor concent.: 0.0827 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso	E Formoso	05/22/02
2	William P Marshall	William P Marshall	05/22/02
3	Ruth Luthi	Ruth Luthi	05/24/02
4	Egle Weiss	Egle Weiss	05/28/02
5	Eugene Schwilke	Gene Schwilke	05/28/02
6	Ann Marie Gordon	Ann Marie Gordon	05/28/02
7	Naziha Nuwayhid, PhD	N. Nuwayhid	05/29/02
8	Melissa Pemberton	Melissa J Pemberton	05/30/02
9	Estuardo J. Miranda	E Miranda	05/31/02
10	Jayne Thatcher	Jayne E. Thatcher	05/31/02
11			
12			

Prepared by: Edward Formoso according to the approved protocol

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02016, was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02016, was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/nf
WMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02016, was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The Simulator Solution, Lot Number 02016, was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

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

GS/nf
GSSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, 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 02016, was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/nf
AGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02016, was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, 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 02016, was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPSIMSOL

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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 02016 was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

E Miranda

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Jayne E. Thatcher, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Cell and Molecular Biology and two years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02016, was prepared in the Washington State Toxicology Laboratory on 5/22/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/22/03.

Dated: 6/7/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTSIMSOL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
5/28/02 11:15:39 AM
Instrument 3
DB-ALC1

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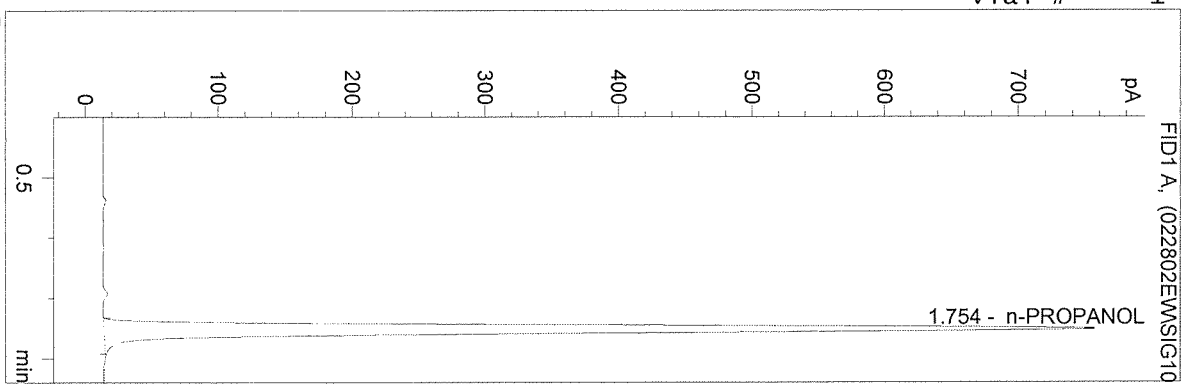
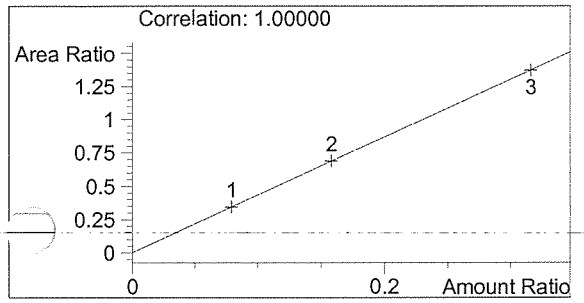
EGLE WEISS

vial # 1

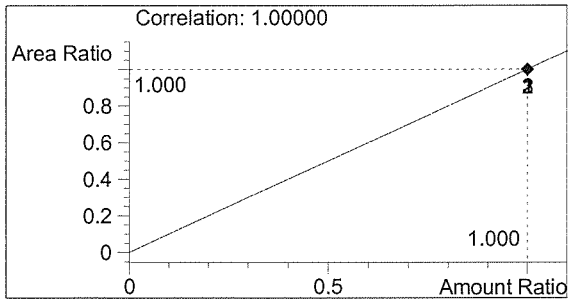


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3315	1.754

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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C:\HPCHEM\1\METHODS\BLDALCO3.M
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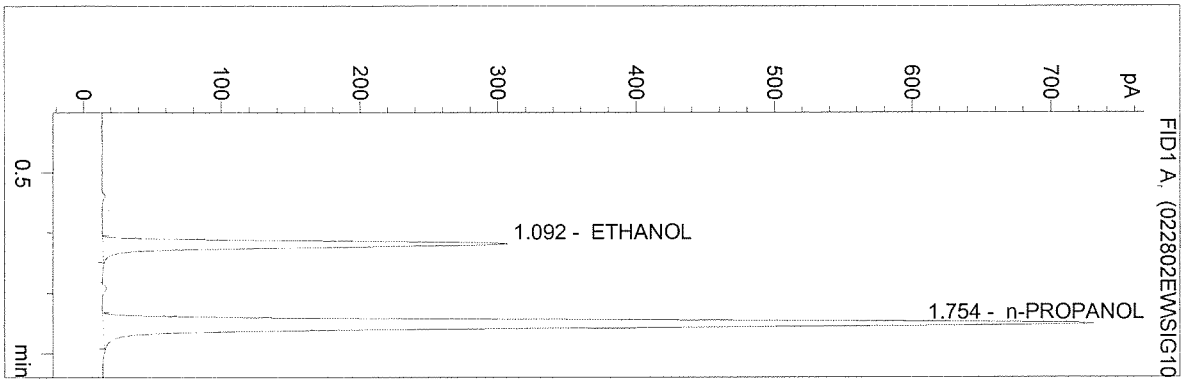
Instrument 3
DB-ALC1

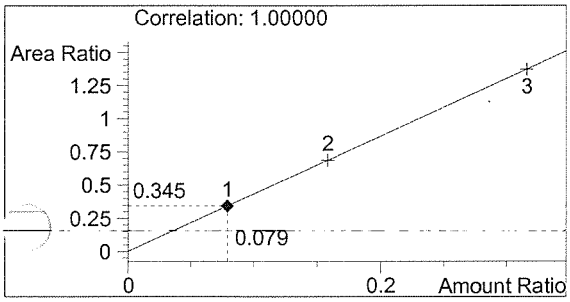
0.079 CALIBRATOR
EGLE WEISS

vial # 2

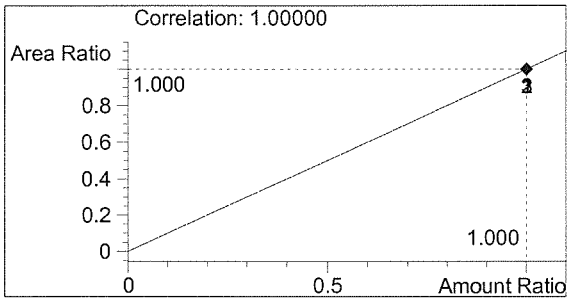


#	Compound	Area	RT
1	ETHANOL	1103	1.092
2	n-PROPANOL	3196	1.754

Totals:



ETHANOL 0.079 mg/L



n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
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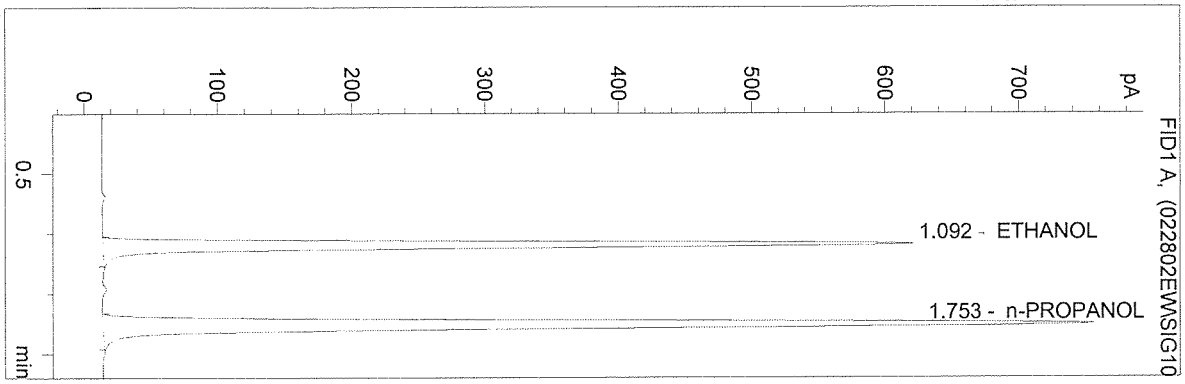
Instrument 3
DB-ALC1

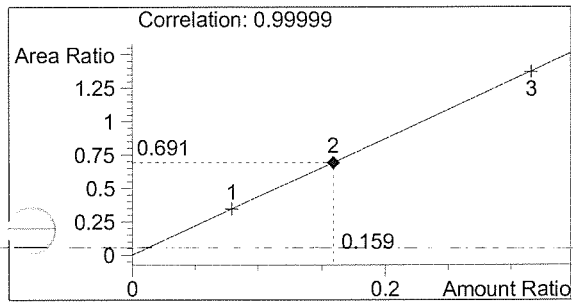
0.158 CALIBRATOR
EGLE WEISS

vial # 3

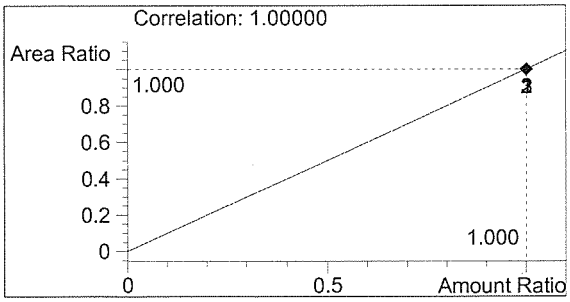


#	Compound	Area	RT
1	ETHANOL	2286	1.092
2	n-PROPANOL	3306	1.753

Totals:



ETHANOL 0.159 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
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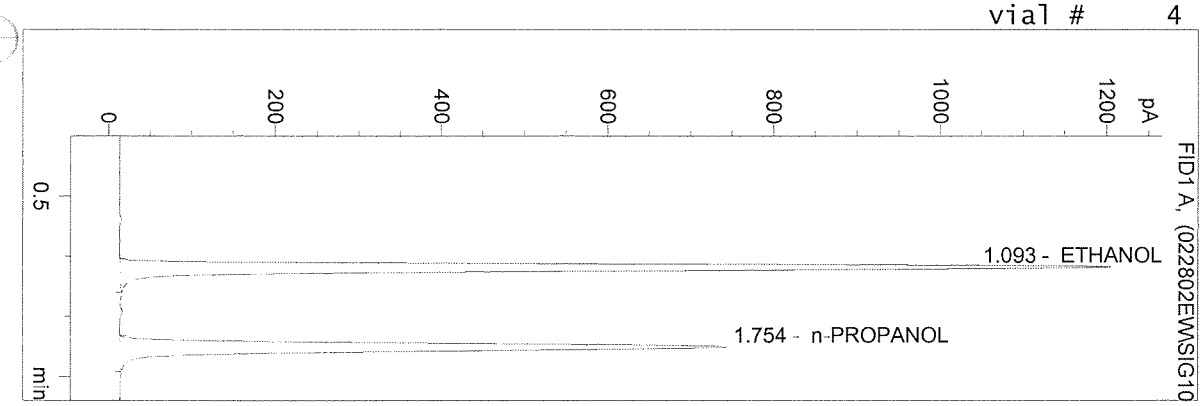
Instrument 3
DB-ALC1

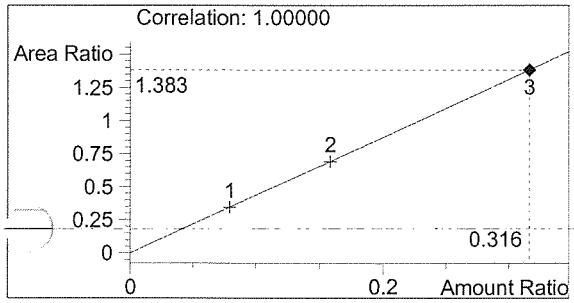
0.316 CALIBRATOR
EGLE WEISS

vial # 4

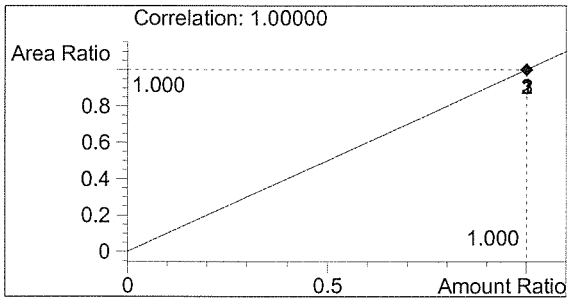


#	Compound	Area	RT
1	ETHANOL	4495	1.093
2	n-PROPANOL	3251	1.754

Totals:



ETHANOL 0.316 mg/L



n-PROPANOL 1.000 mg/L

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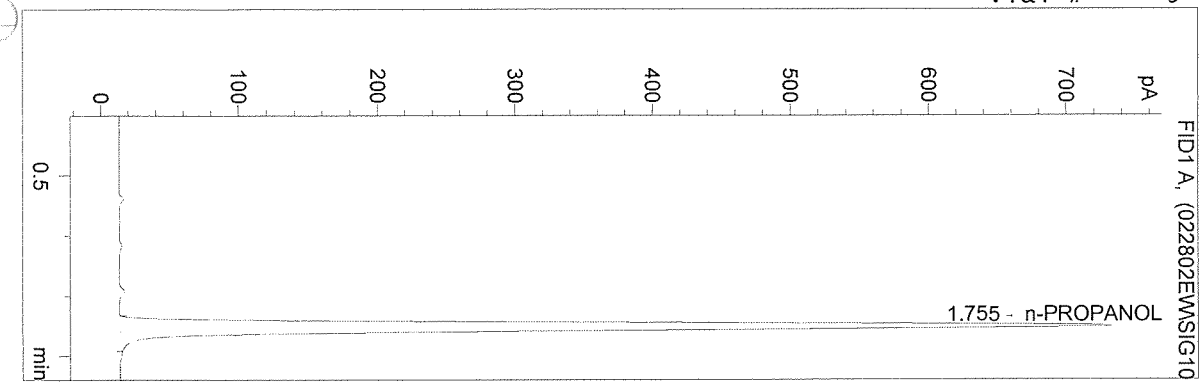
Instrument 3
DB-ALC1

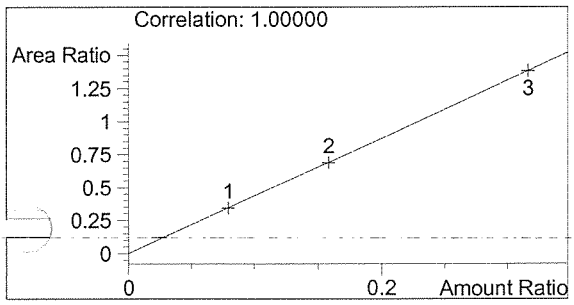
BLK
EGLE WEISS

vial # 5

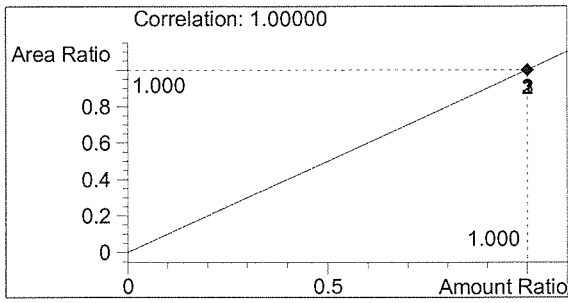


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3217	1.755

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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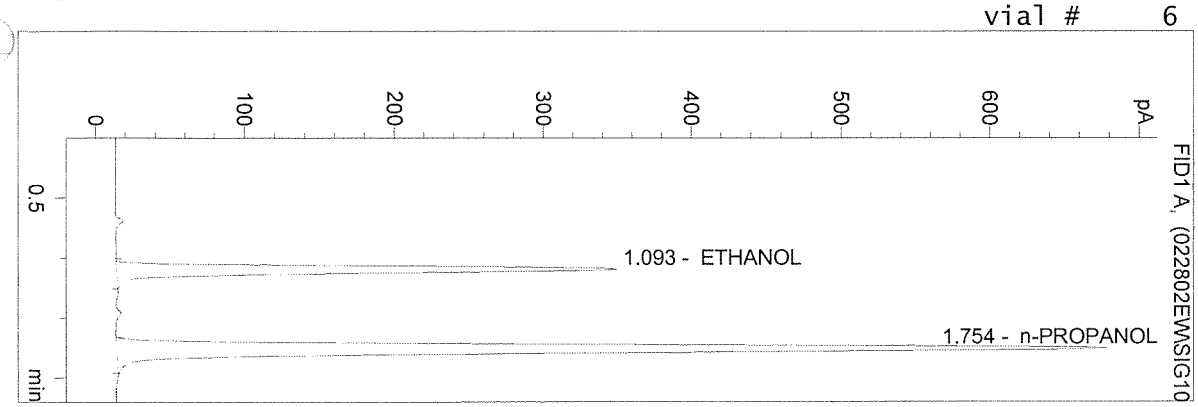
5/28/02 11:31:57 AM
Instrument 3
DB-ALC1

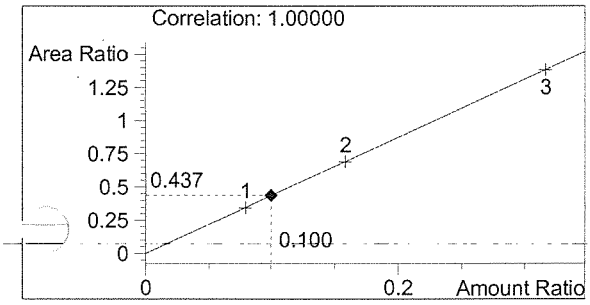
0.100 CCONTROL
EGLE WEISS

vial # 6

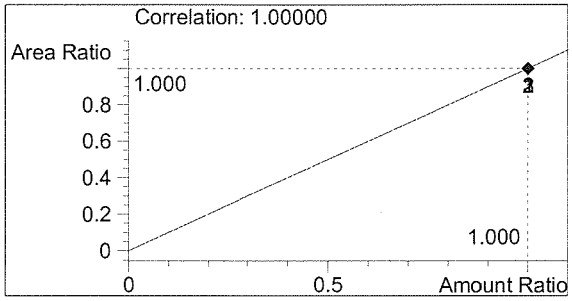


#	Compound	Area	RT
1	ETHANOL	1339	1.093
2	n-PROPANOL	3061	1.754

Totals:



ETHANOL 0.100 mg/L



n-PROPANOL 1.000 mg/L

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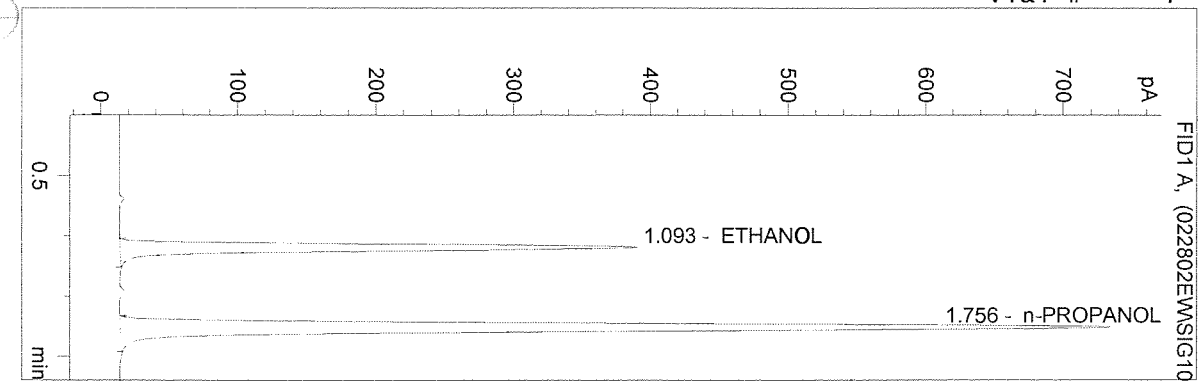
C:\HPCHEM\1\METHODS\BLDALCO3.M
5/28/02 11:35:20 AM
Instrument 3
DB-ALC1

02016
EGLE WEISS

vial # 7



#	Compound	Area	RT
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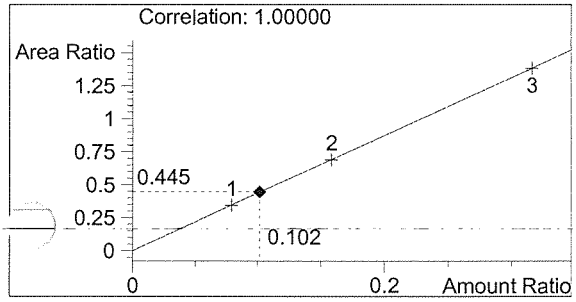
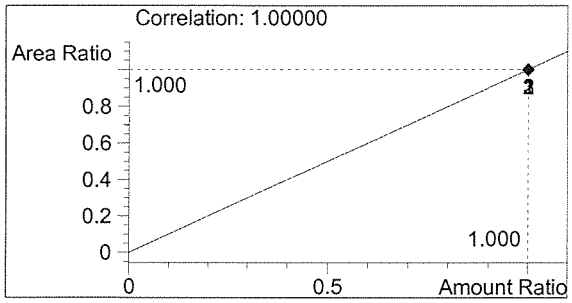
2	n-PROPANOL	3246	1.756

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

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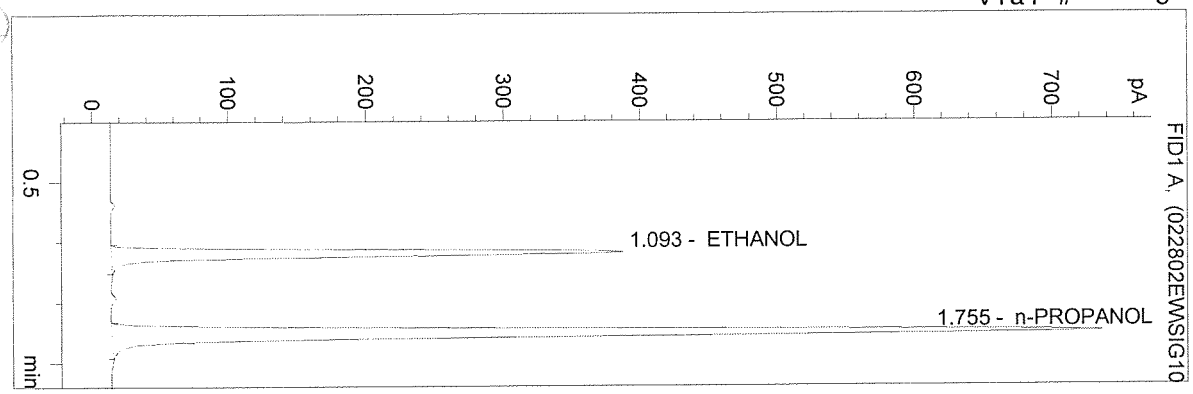
5/28/02 11:38:29 AM
Instrument 3
DB-ALC1

02016
EGLE WEISS

vial # 8



#	Compound	Area	RT
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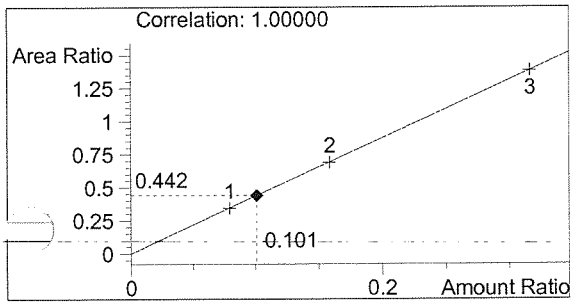
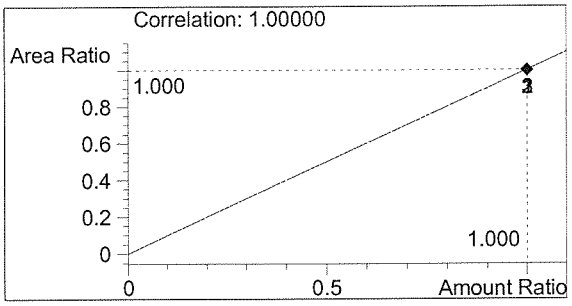
2	n-PROPANOL	3247	1.755

Totals:



ETHANOL 0.101 mg/L



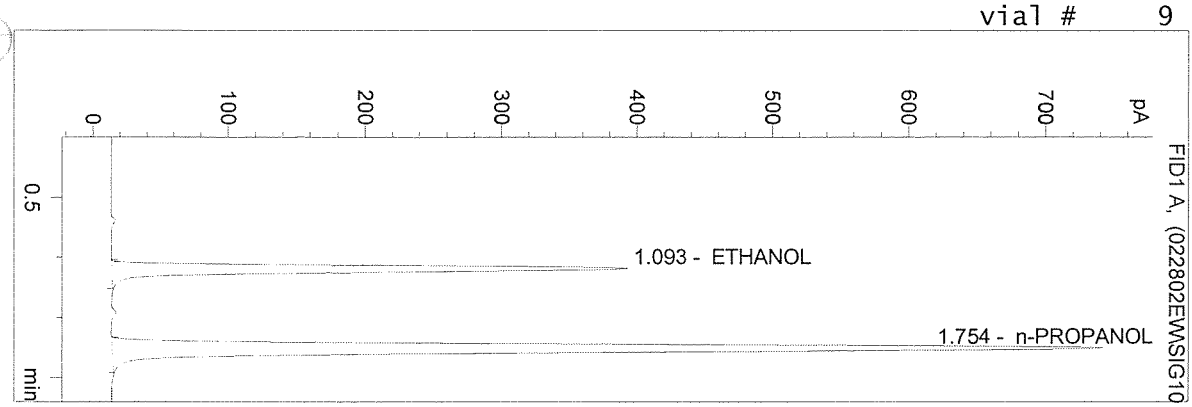
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
5/28/02 11:41:53 AM
Instrument 3
DB-ALC1

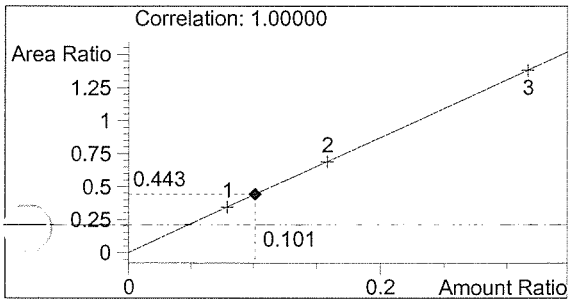
02016
EGLE WEISS

vial # 9

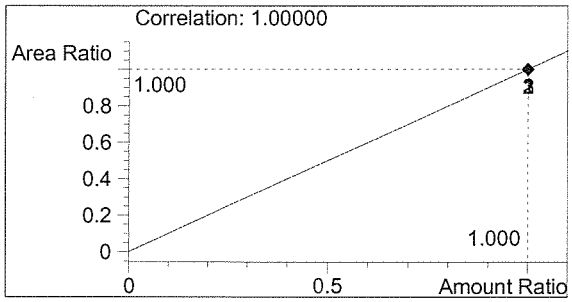


#	Compound	Area	RT
1	ETHANOL	1447	1.093
2	n-PROPANOL	3263	1.754

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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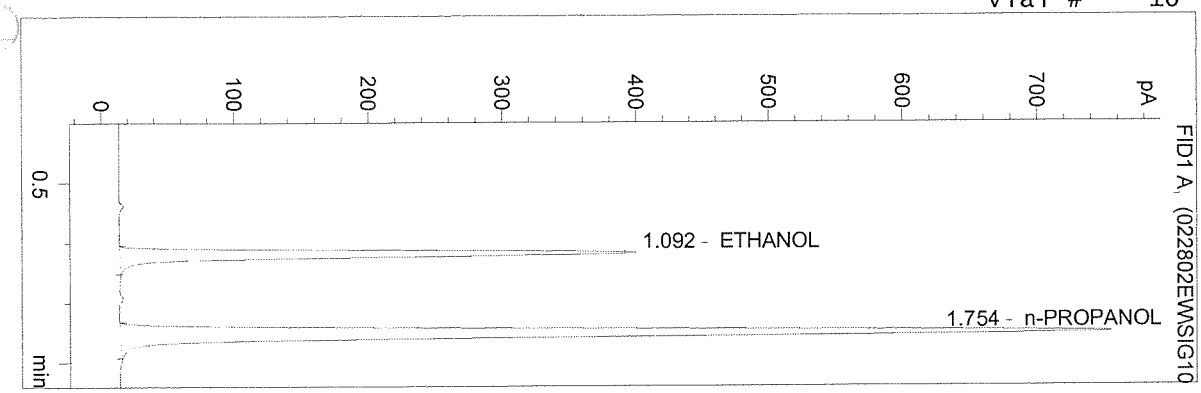
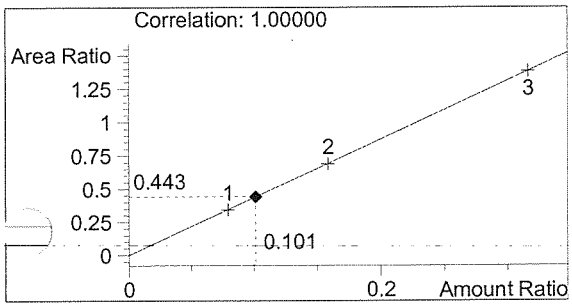
EGLE WEISS

vial # 10

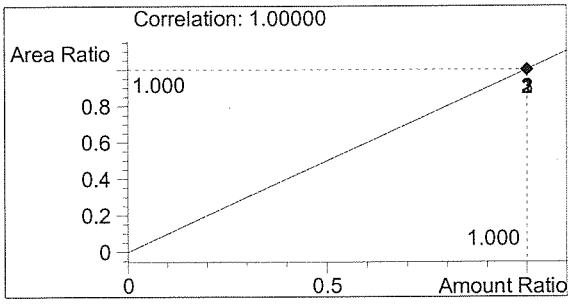


#	Compound	Area	RT
1	ETHANOL	1470	1.092
2	n-PROPANOL	3317	1.754

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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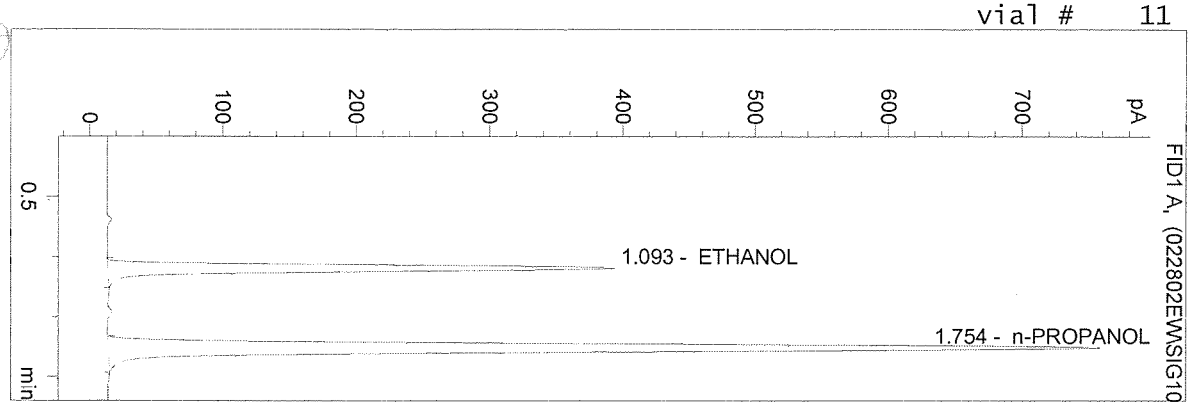
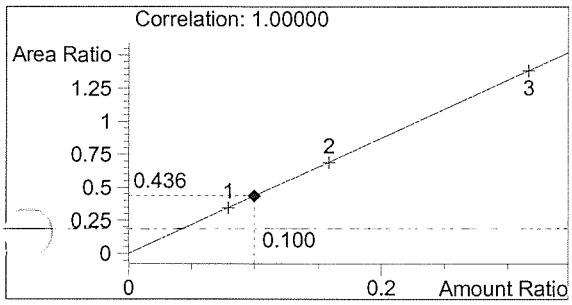
EGLE WEISS

vial # 11

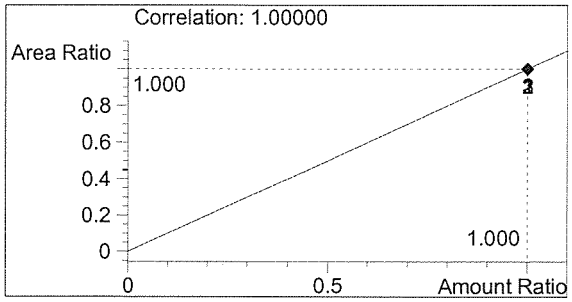


#	Compound	Area	RT
1	ETHANOL	1463	1.093
2	n-PROPANOL	3353	1.754

Totals:



ETHANOL 0.100 mg/L



n-PROPANOL 1.000 mg/L

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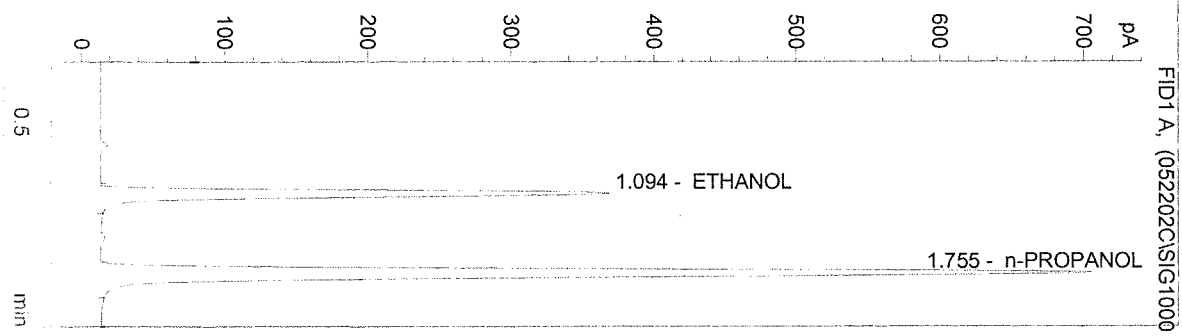
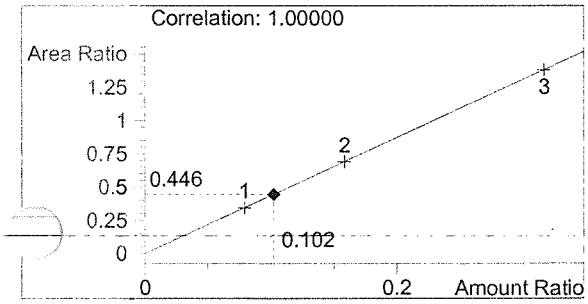
vial # 9

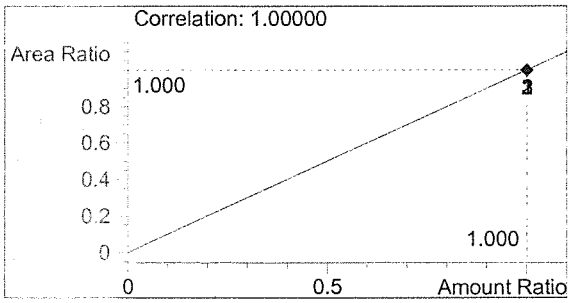


#	Compound	Area	RT
1	ETHANOL	1417	1.094
2	n-PROPANOL	3174	1.755

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

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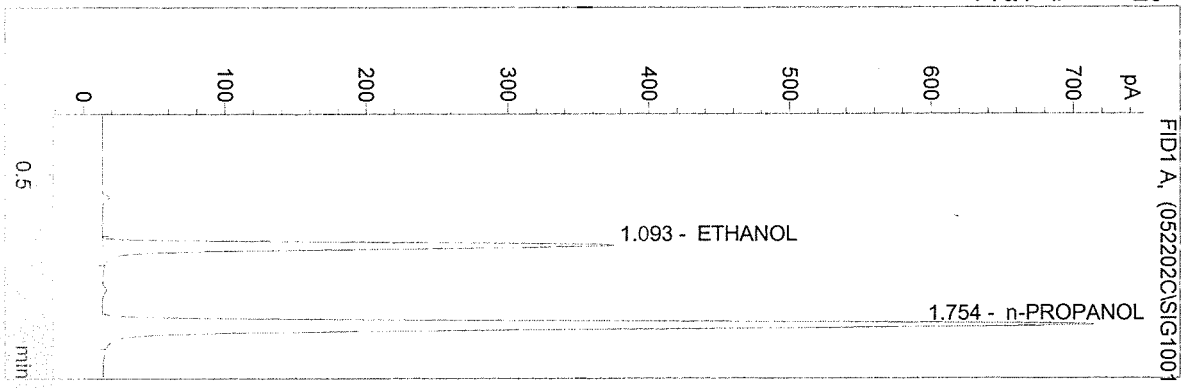
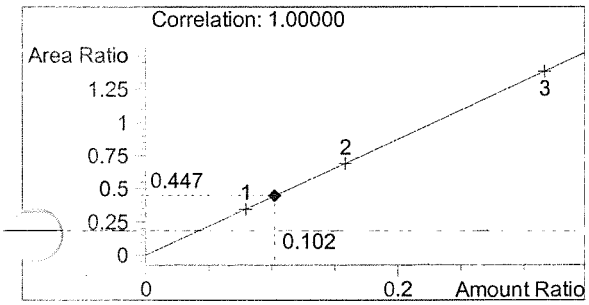
vial # 10

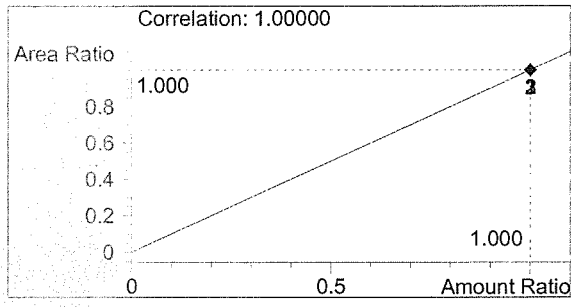


#	Compound	Area	RT
1	ETHANOL	1428	1.093
2	n-PROPANOL	3195	1.754

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

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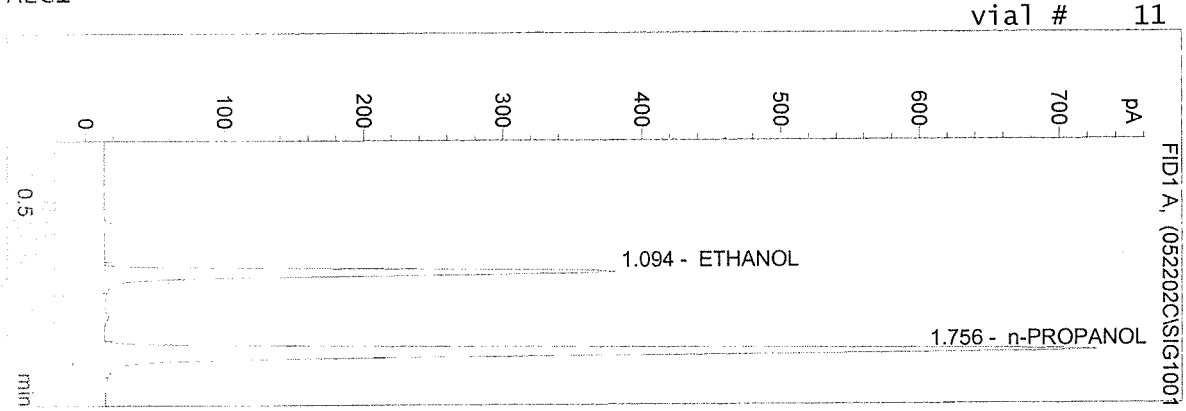
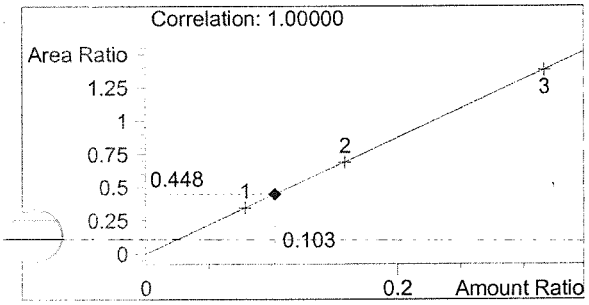
vial # 11

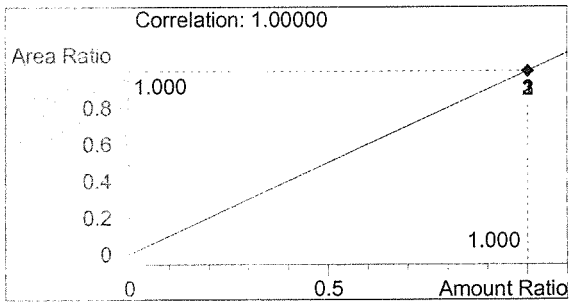


#	Compound	Area	RT
1	ETHANOL	1463	1.094
2	n-PROPANOL	3266	1.756

Totals:



ETHANOL 0.103 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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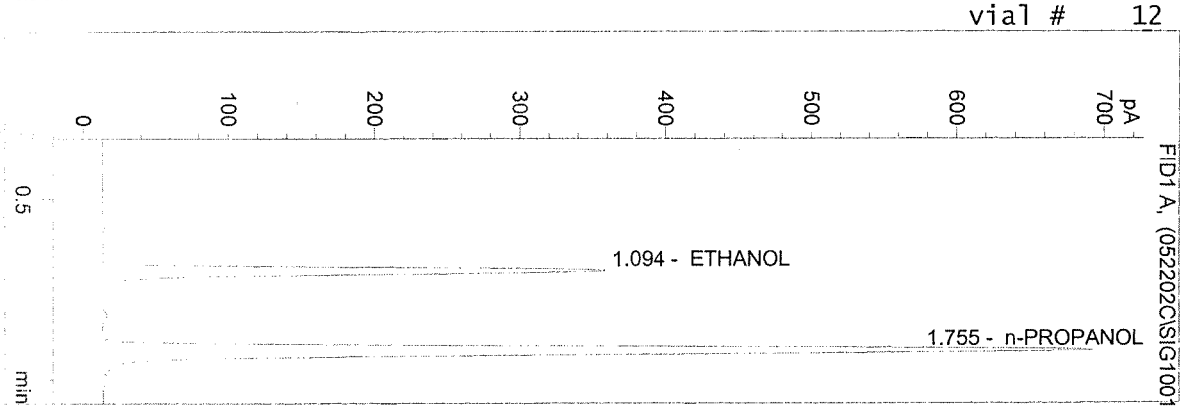
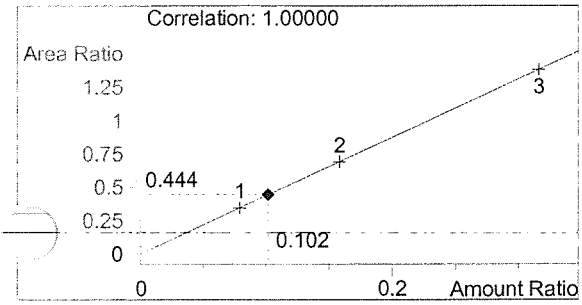
vial # 12

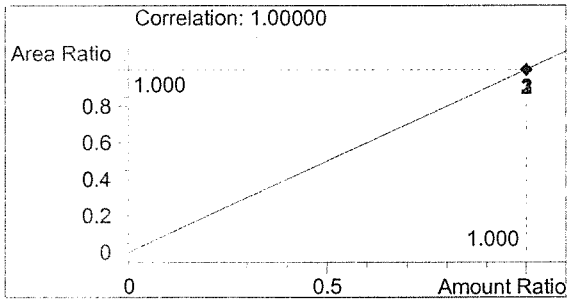


#	Compound	Area	RT
1	ETHANOL	1388	1.094
2	n-PROPANOL	3125	1.755

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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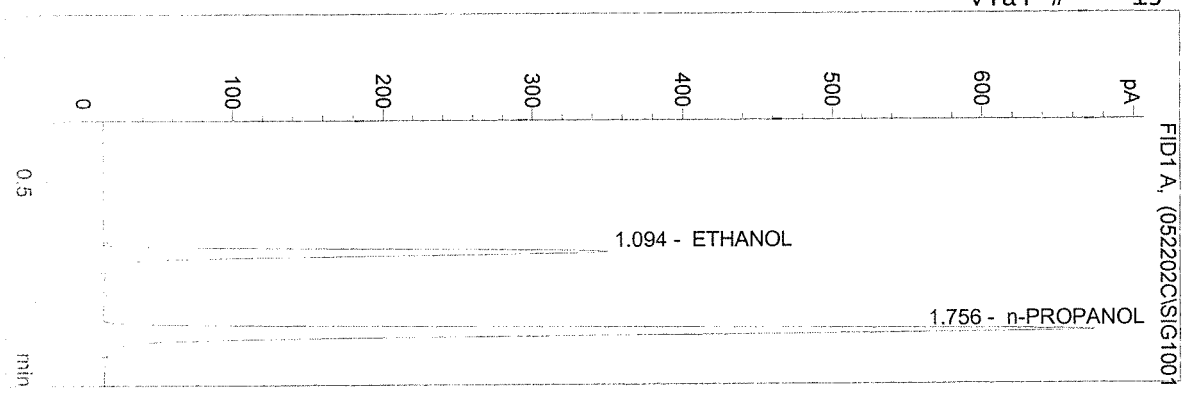
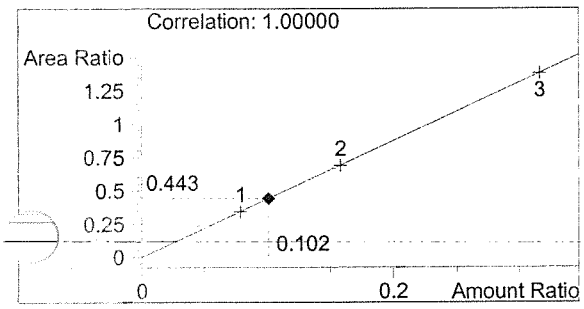
vial # 13

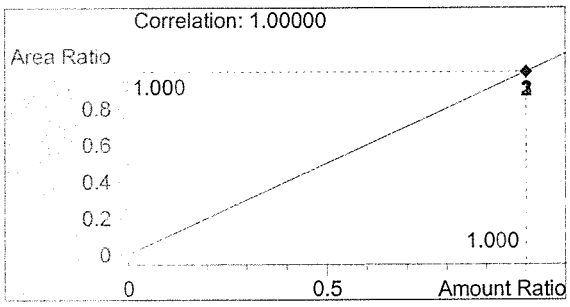


#	Compound	Area	RT
1	ETHANOL	1342	1.094
2	n-PROPANOL	3029	1.756

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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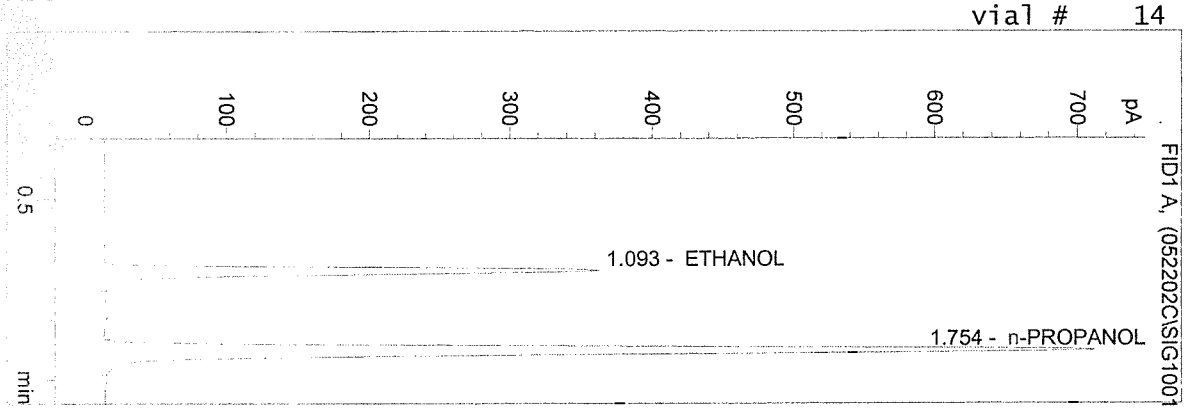
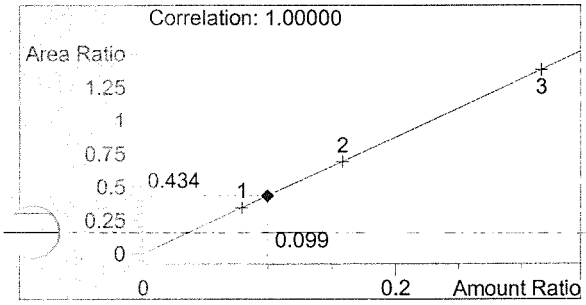
0.10 CONTROL
ED FORMOSO

vial # 14

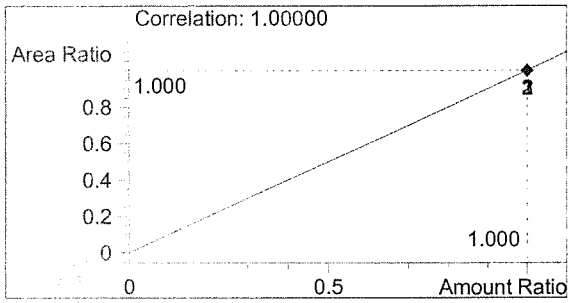


#	Compound	Area	RT
1	ETHANOL	1381	1.093
2	n-PROPANOL	3187	1.754

Totals:



ETHANOL 0.099 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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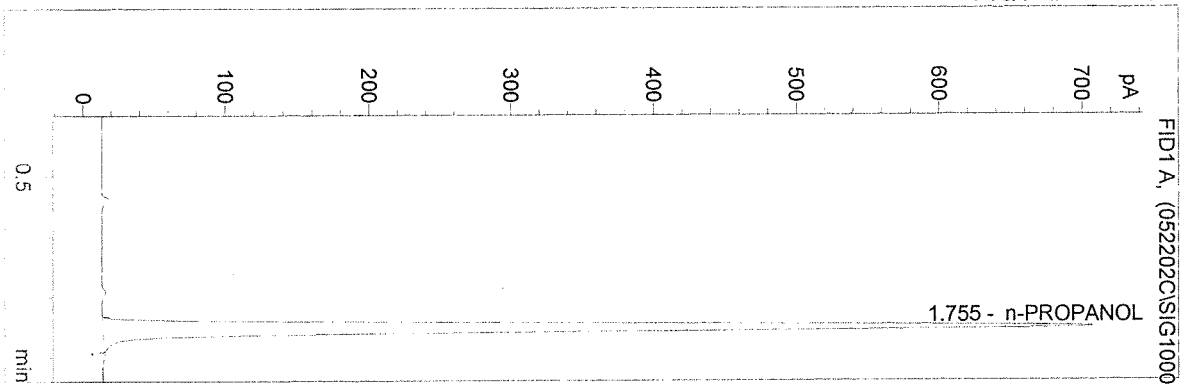
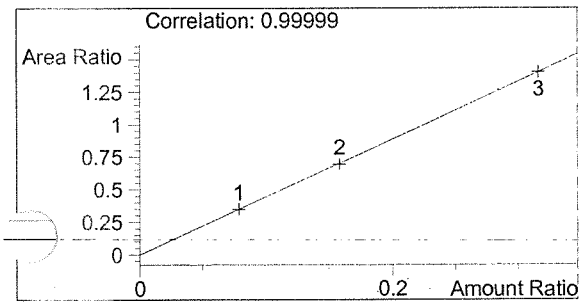
ED FORMOSO

vial # 1

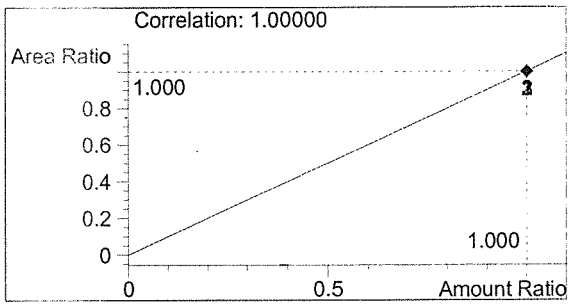


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3195	1.755

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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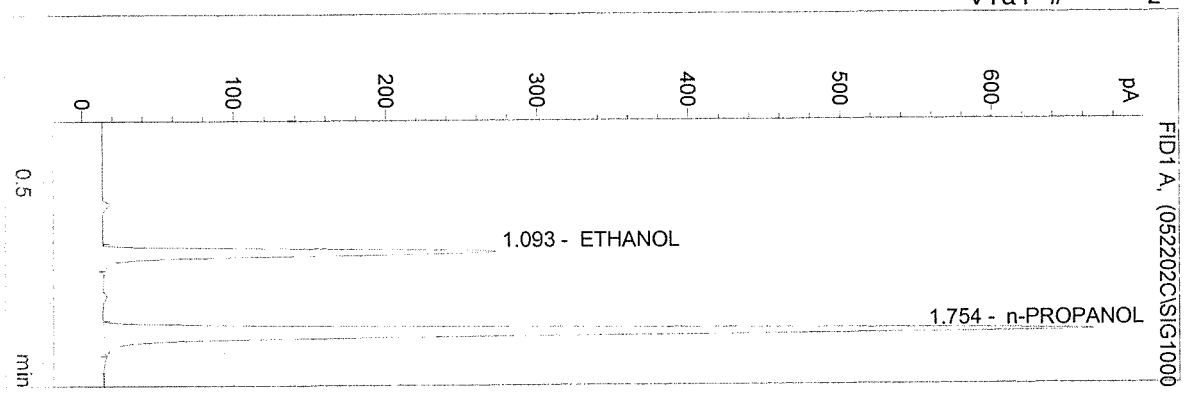
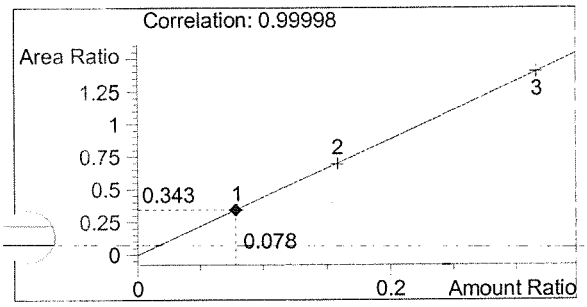
0.079 CAL
ED FORMOSO

vial # 2

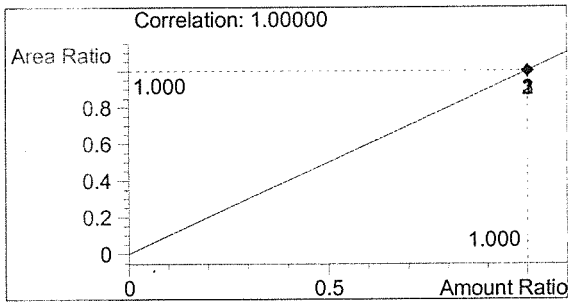


#	Compound	Area	RT
1	ETHANOL	1022	1.093
2	n-PROPANOL	2979	1.754

Totals:



ETHANOL 0.078 mg/L



n-PROPANOL 1.000 mg/L

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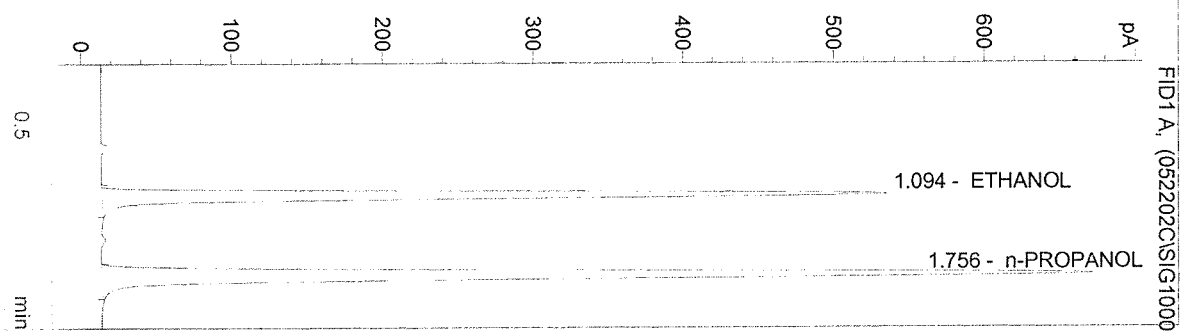
Instrument 3
DB-ALC1

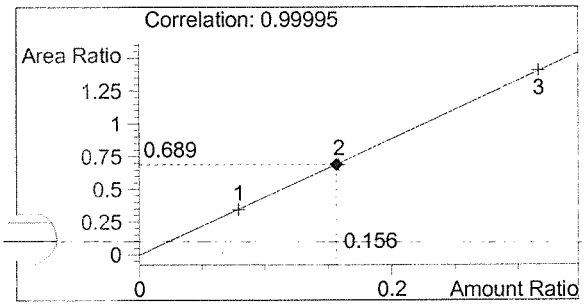
0.158 CAL
ED FORMOSO

vial # 3

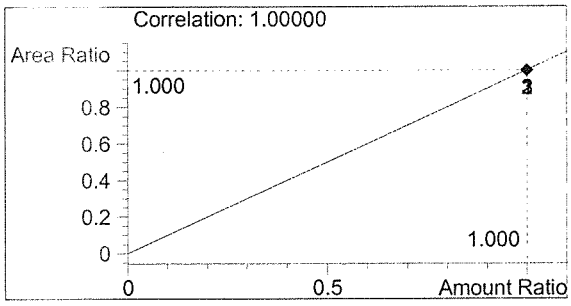


#	Compound	Area	RT
1	ETHANOL	2082	1.094
2	n-PROPANOL	3023	1.756

Totals:



ETHANOL 0.156 mg/L



n-PROPANOL 1.000 mg/L

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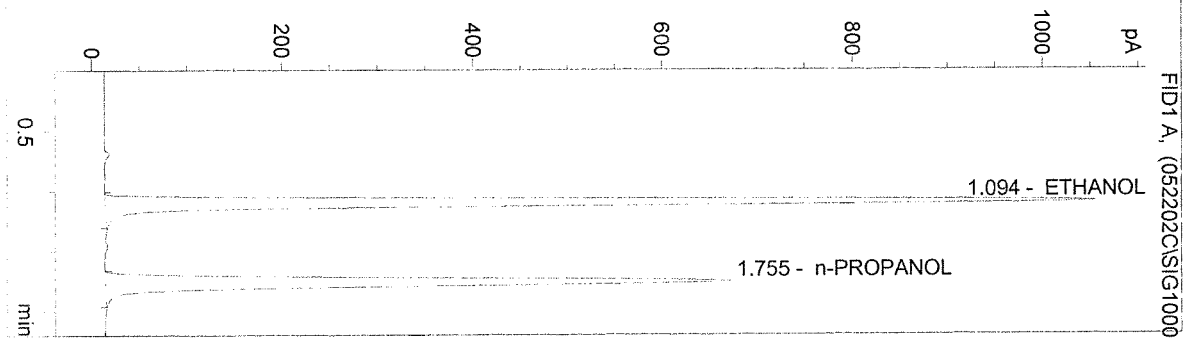
Instrument 3
DB-ALC1

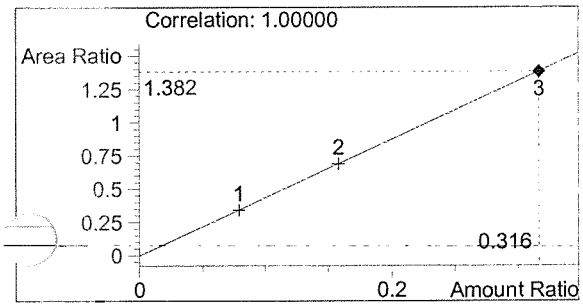
0.316 CAL
ED FORMOSO

vial # 4

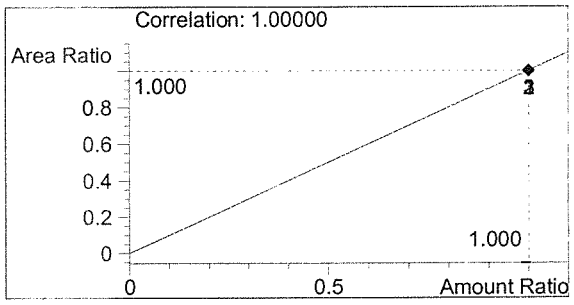


#	Compound	Area	RT
1	ETHANOL	4195	1.094
2	n-PROPANOL	3036	1.755

Totals:



ETHANOL 0.316 mg/L



n-PROPANOL 1.000 mg/L

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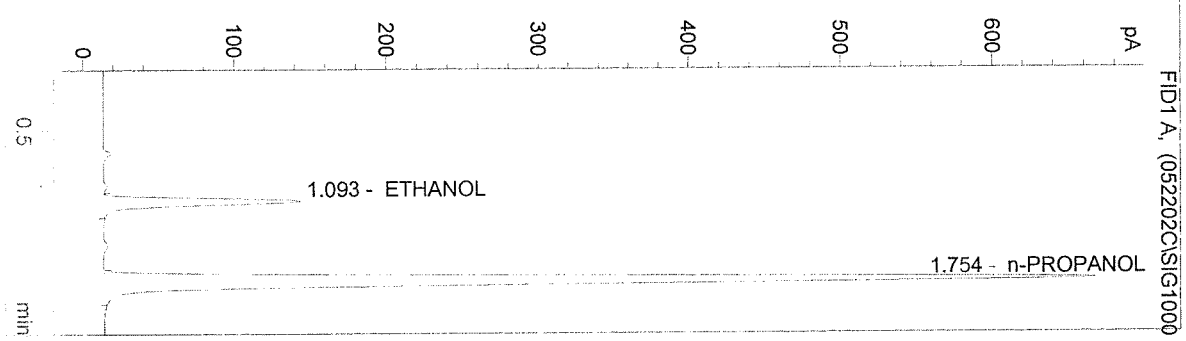
Instrument 3
DB-ALC1

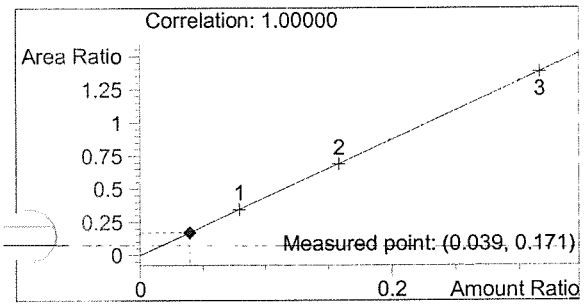
0.04 CAP
ED FORMOSO

vial # 5

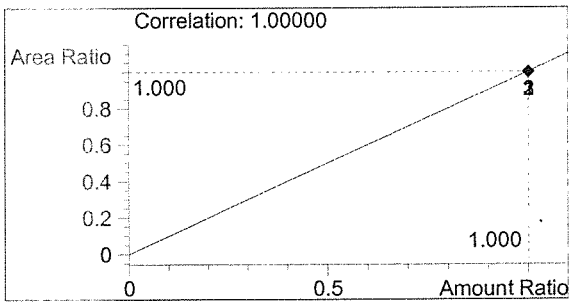


#	Compound	Area	RT
1	ETHANOL	514	1.093
2	n-PROPANOL	3003	1.754

Totals:



ETHANOL 0.039 mg/L



n-PROPANOL 1.000 mg/L

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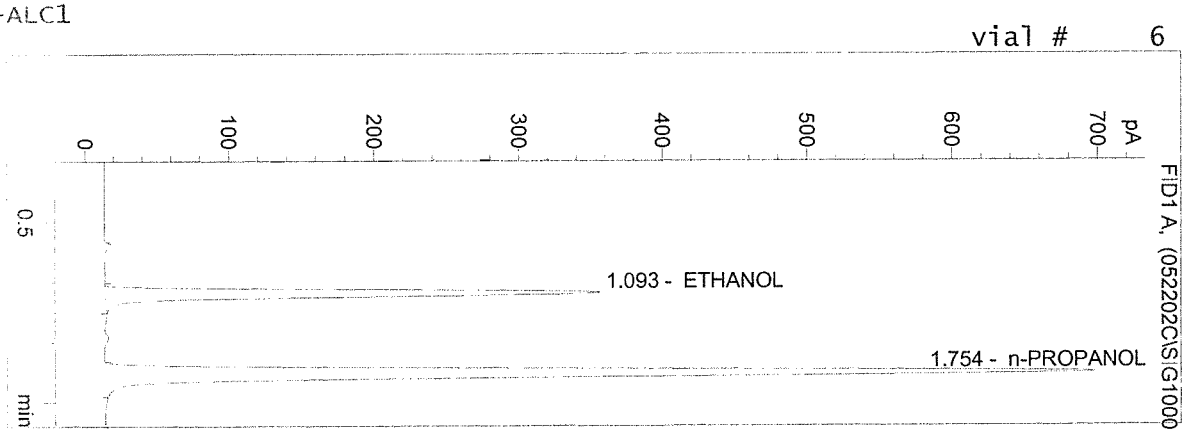
Instrument 3
DB-ALC1

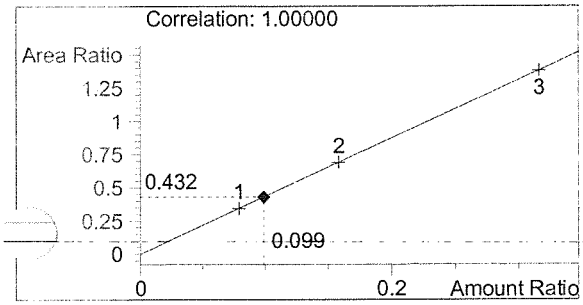
0.10 CONTROL
ED FORMOSO

vial # 6

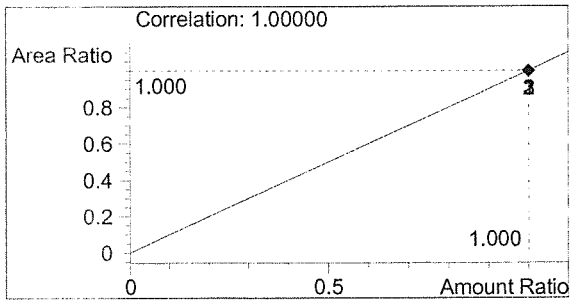


#	Compound	Area	RT
1	ETHANOL	1349	1.093
2	n-PROPANOL	3126	1.754

Totals:



ETHANOL 0.099 mg/L



n-PROPANOL 1.000 mg/L

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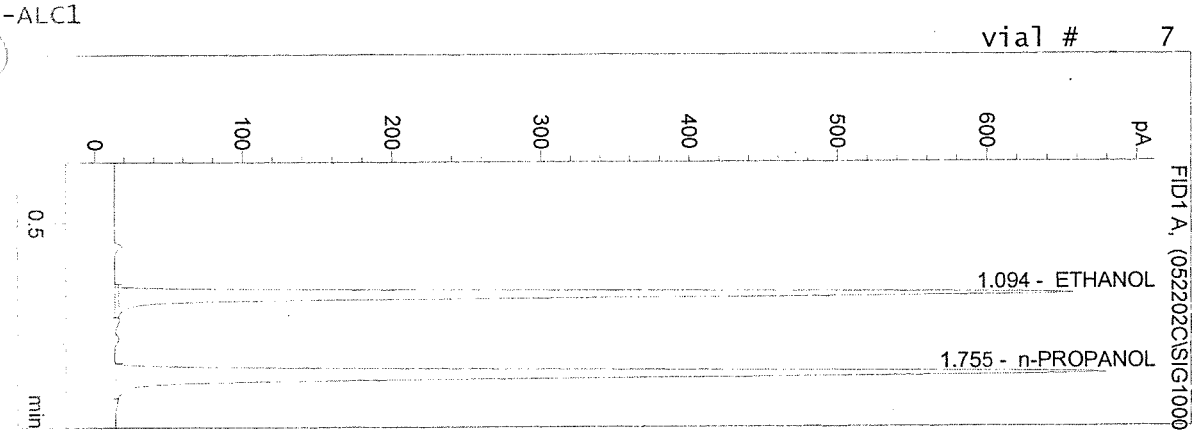
Instrument 3
DB-ALC1

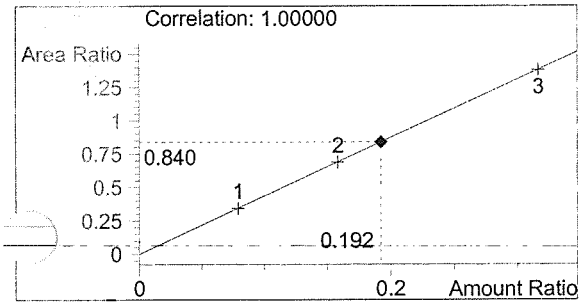
0.197 CAP
ED FORMOSO

vial # 7

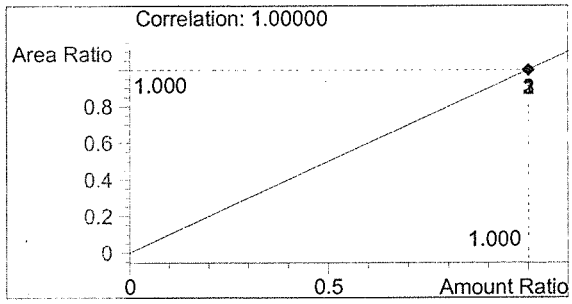


#	Compound	Area	RT
1	ETHANOL	2559	1.094
2	n-PROPANOL	3047	1.755

Totals:



ETHANOL 0.192 mg/L



n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
5/22/02 3:19:24 PM
Instrument 3
DB-ALC1

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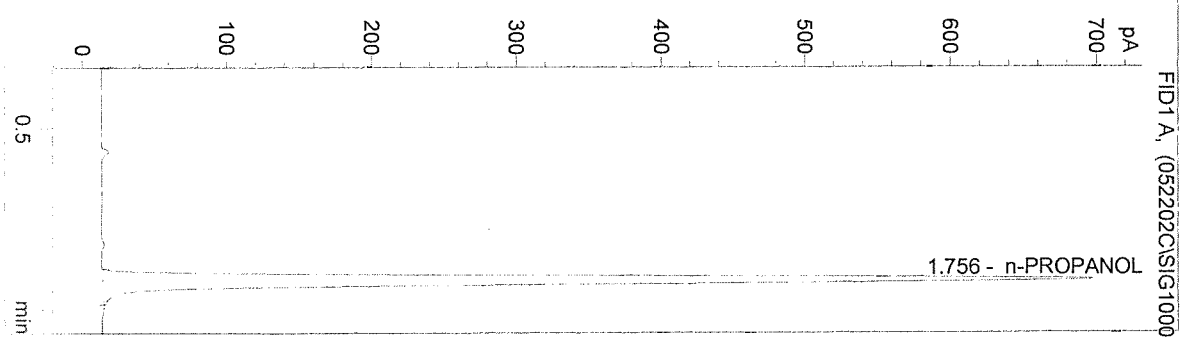
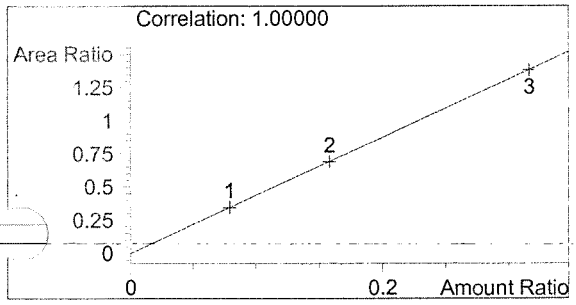
ED FORMOSO

vial # 8

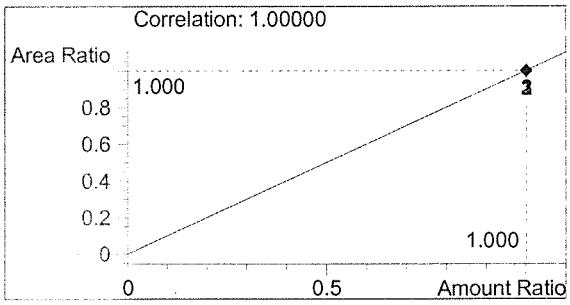


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3145	1.756

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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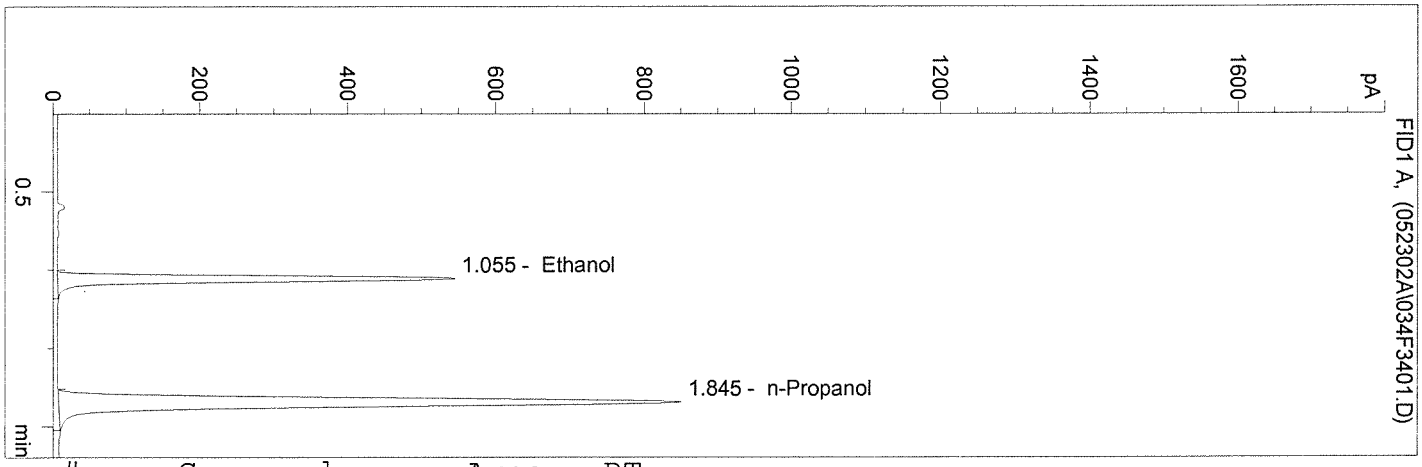
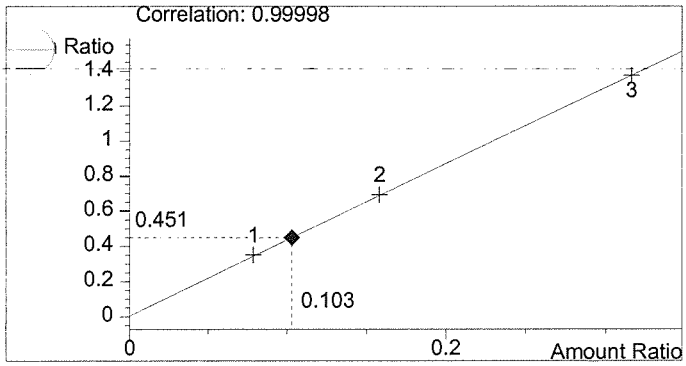
WP MARSHALL

vial # 34

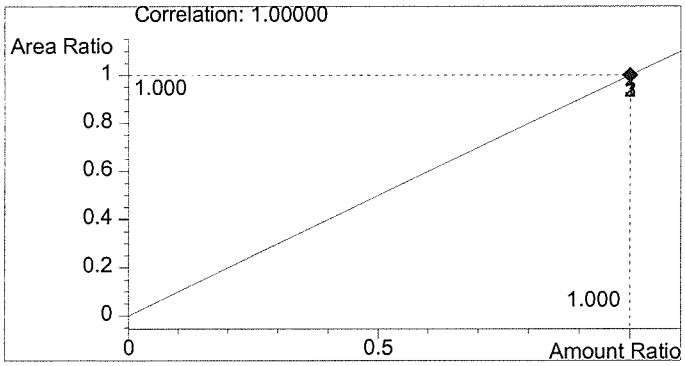


#	Compound	Area	RT
1	Ethanol	1464	1.055
2	n-Propanol	3250	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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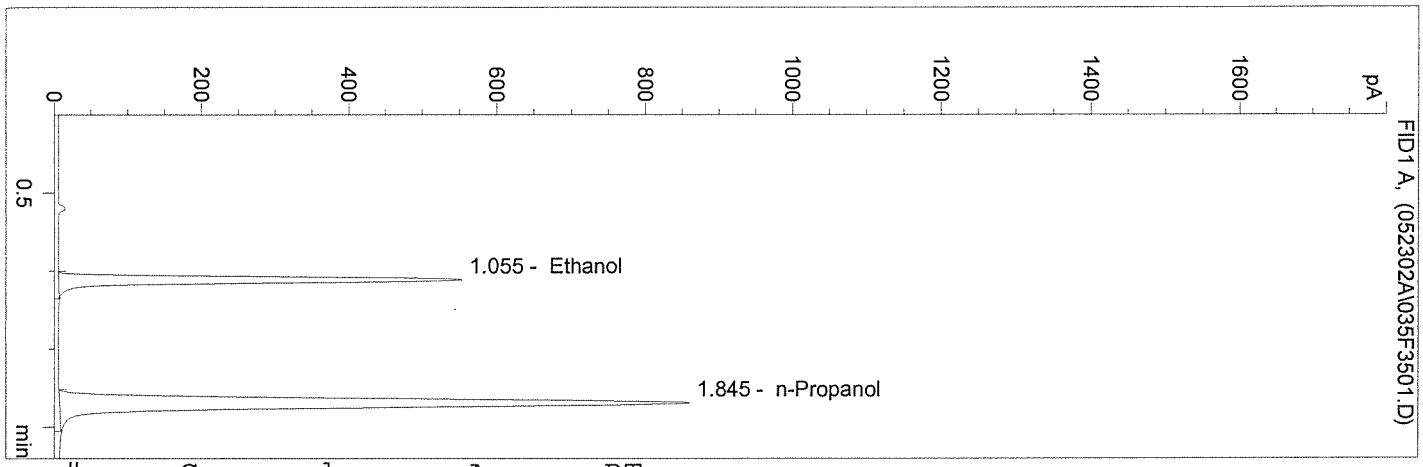
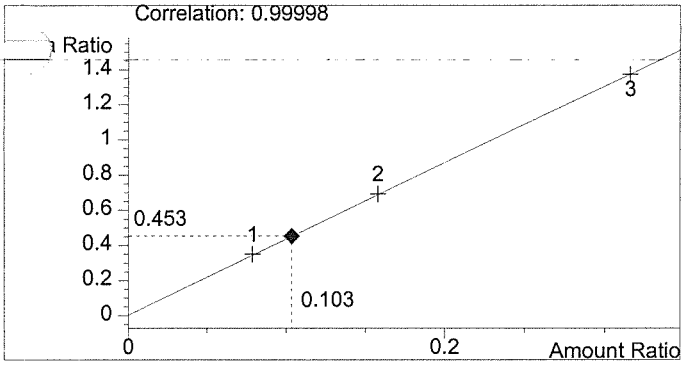
02016 SIM
WP MARSHALL

vial # 35

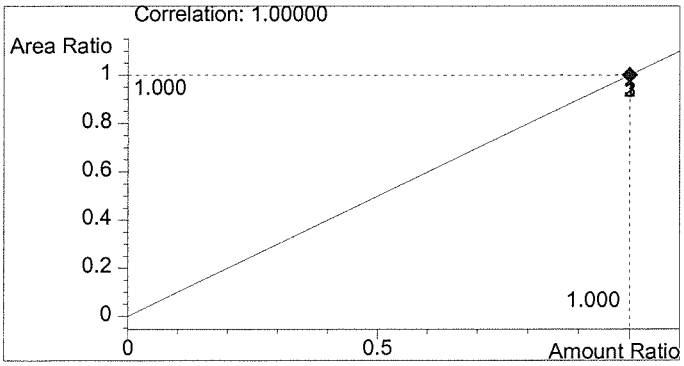


#	Compound	Area	RT
1	Ethanol	1491	1.055
2	n-Propanol	3292	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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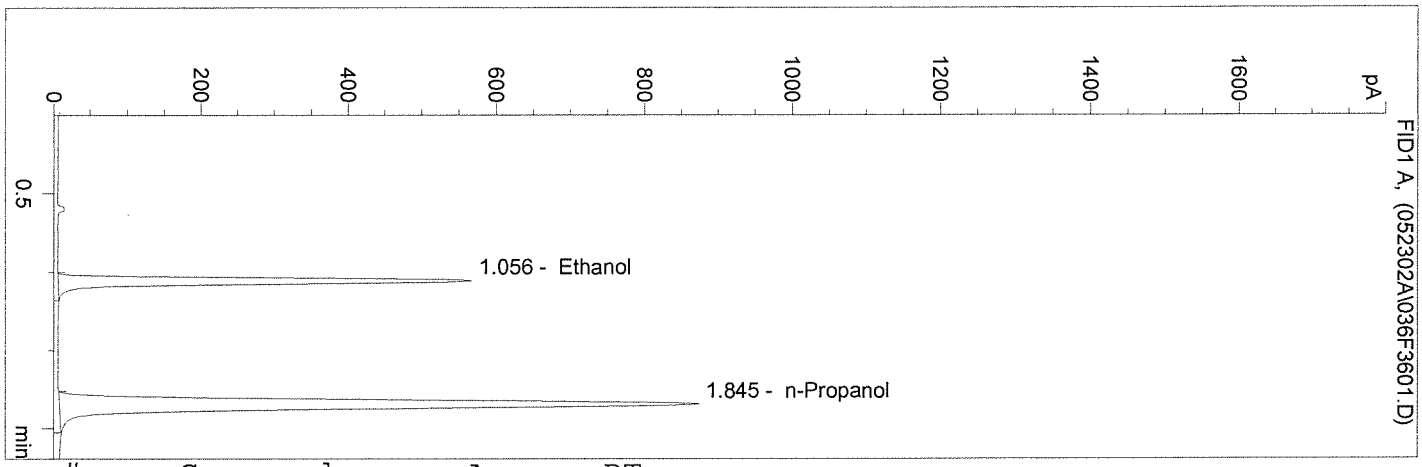
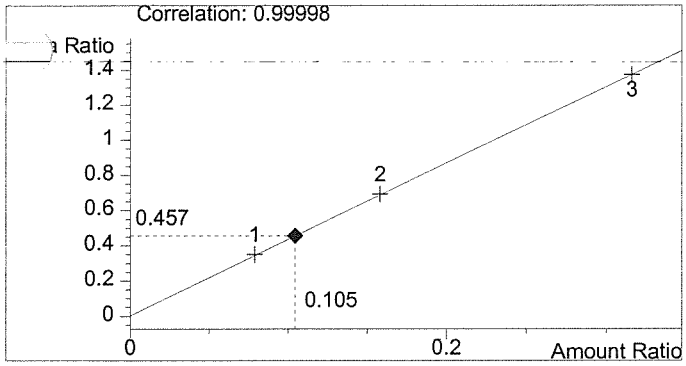
vial # 36

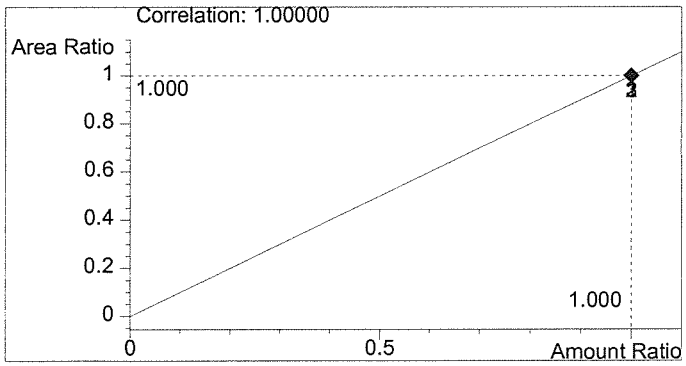


#	Compound	Area	RT
1	Ethanol	1523	1.056
2	n-Propanol	3329	1.845

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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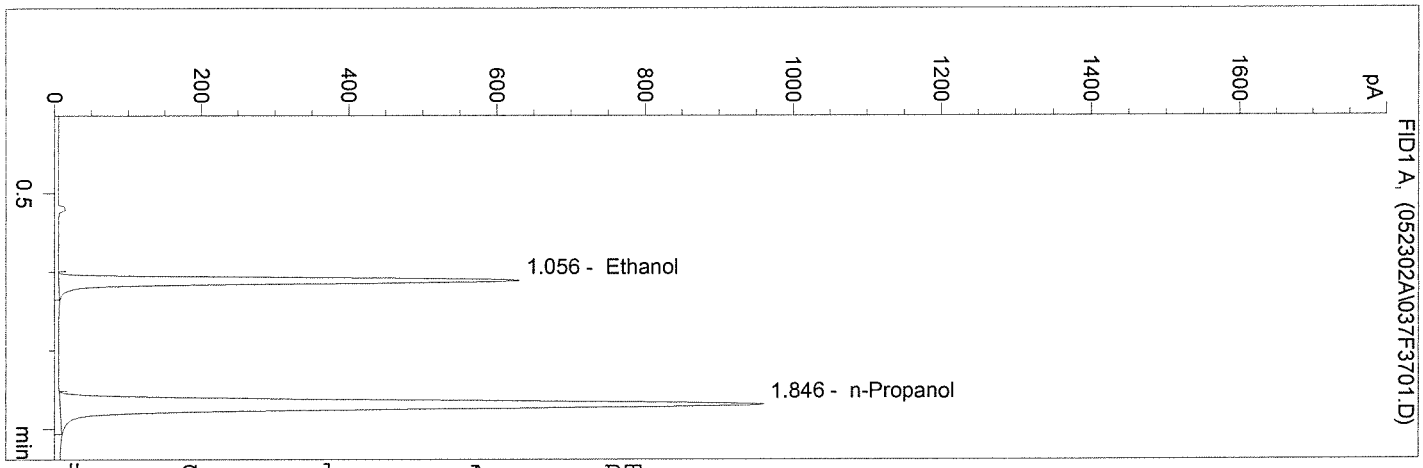
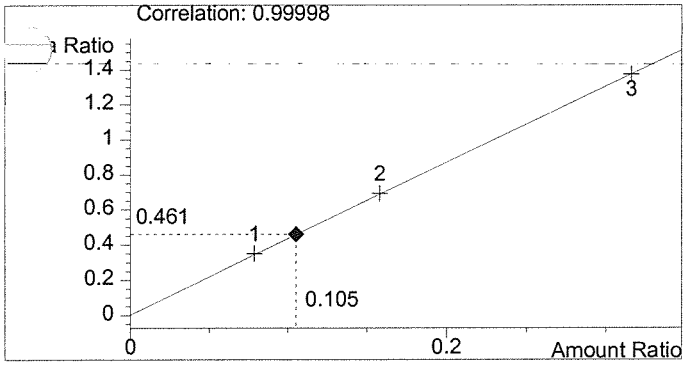
vial # 37

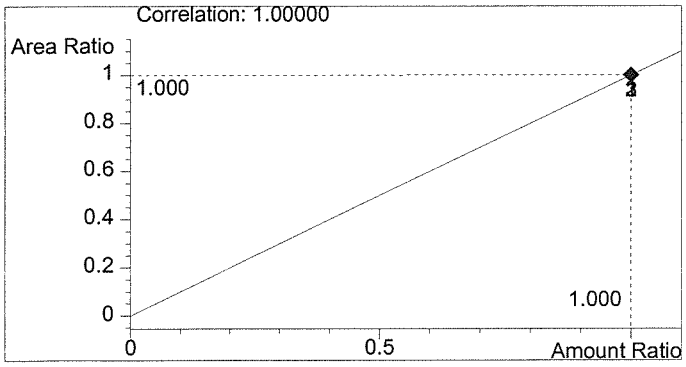


#	Compound	Area	RT
1	Ethanol	1688	1.056
2	n-Propanol	3662	1.846

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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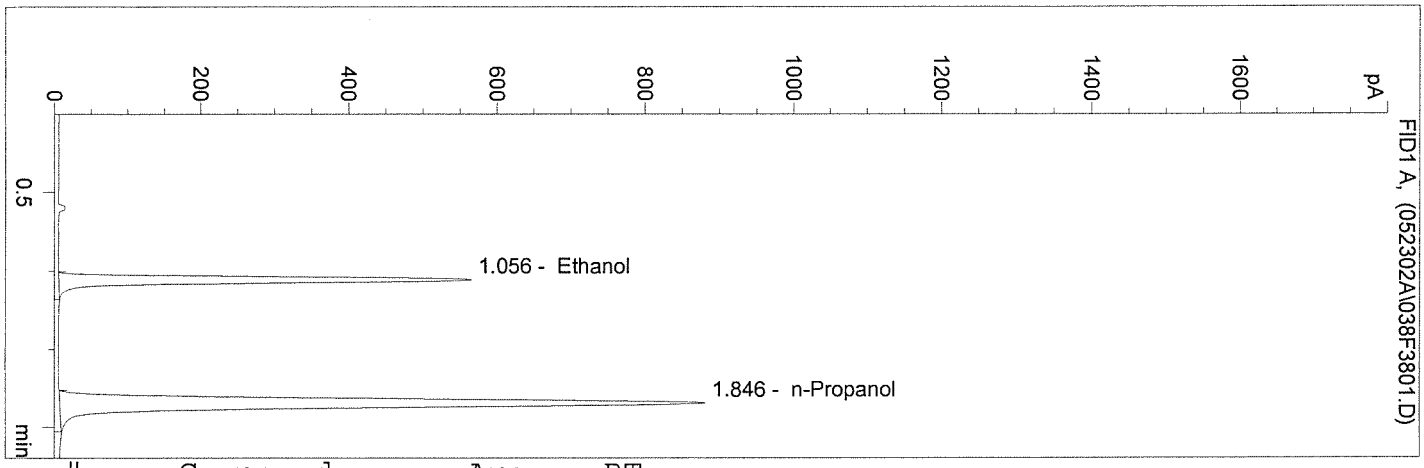
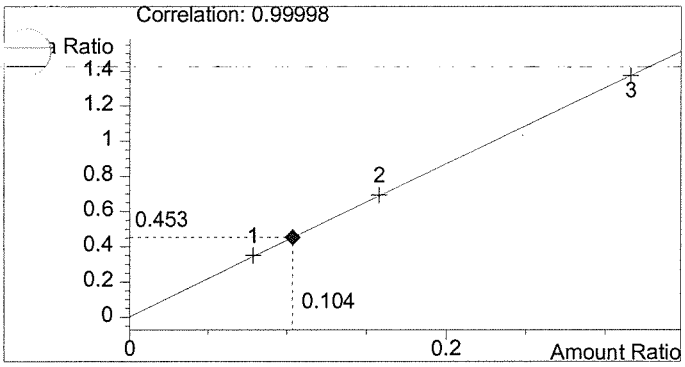
vial # 38

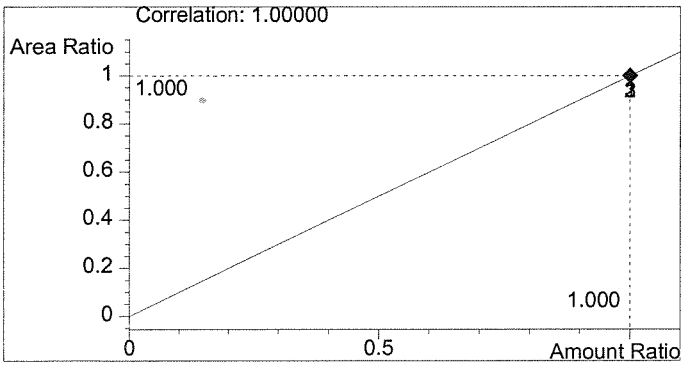


#	Compound	Area	RT
1	Ethanol	1521	1.056
2	n-Propanol	3355	1.846

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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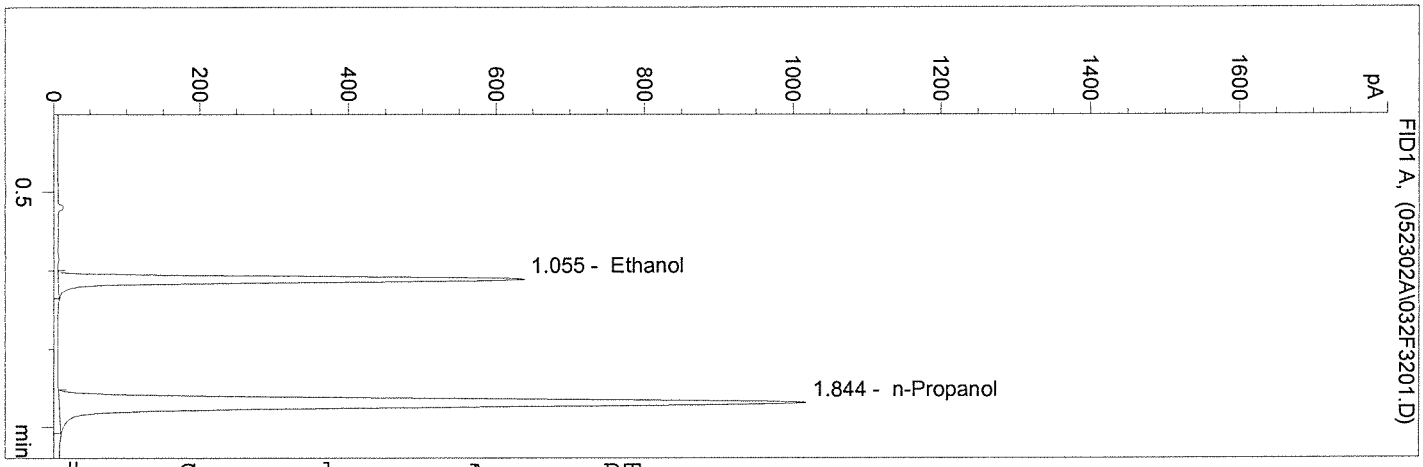
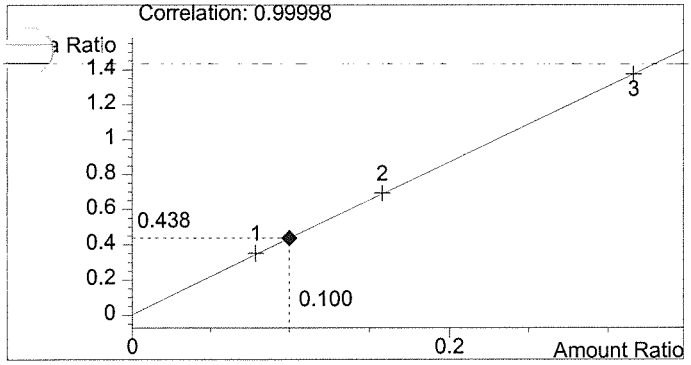
CONT 0.100 WPM
WP MARSHALL

vial # 32

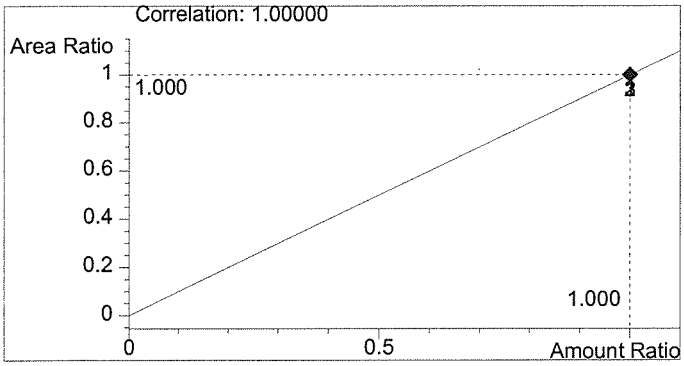


#	Compound	Area	RT
1	Ethanol	1706	1.055
2	n-Propanol	3895	1.844

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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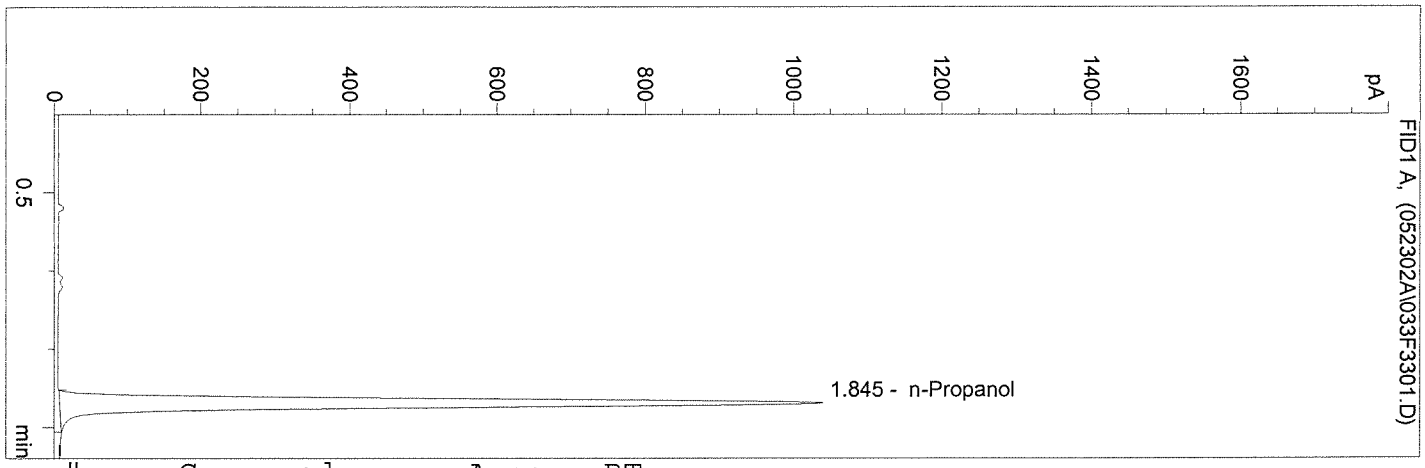
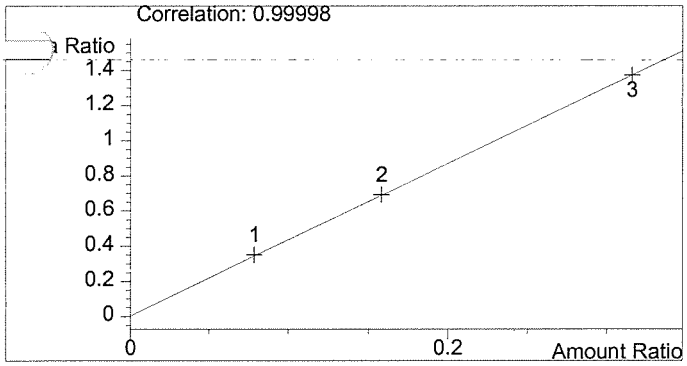
vial #. 33

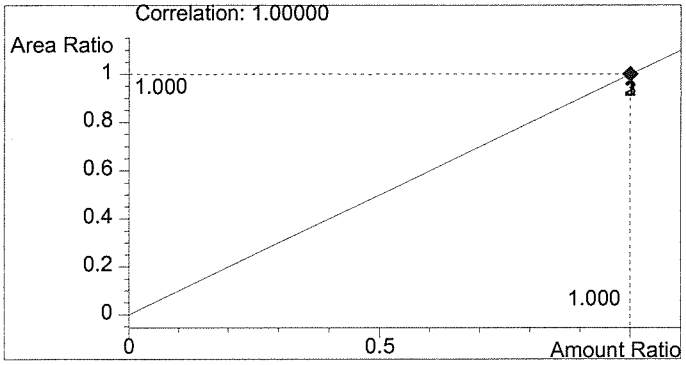


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3981	1.845

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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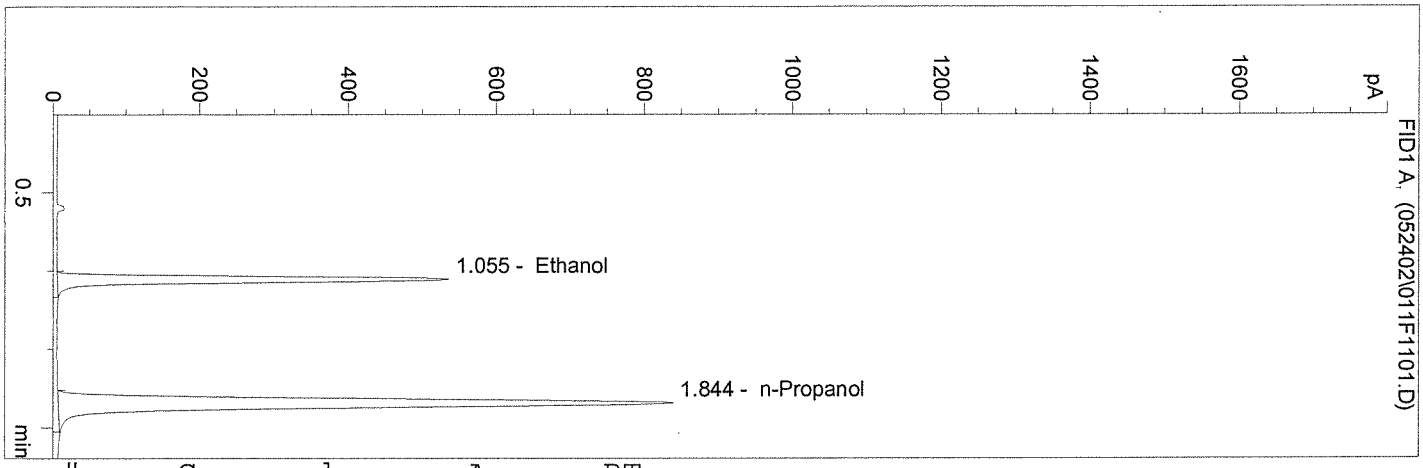
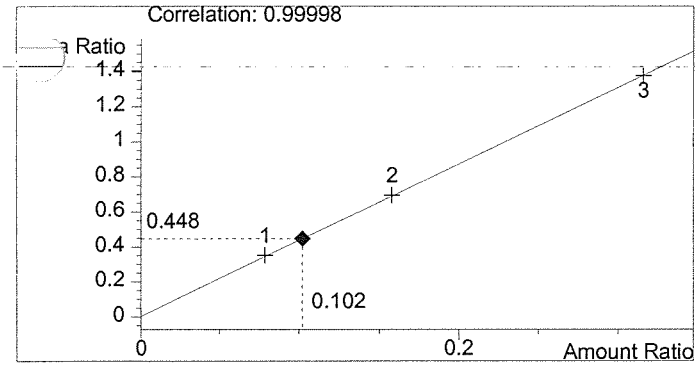
vial # 11

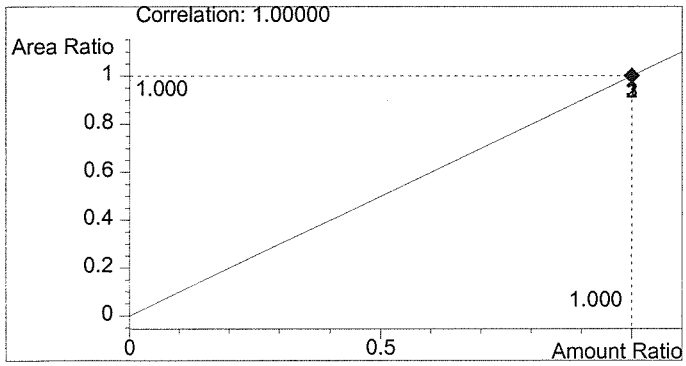


#	Compound	Area	RT
1	Ethanol	1433	1.055
2	n-Propanol	3201	1.844

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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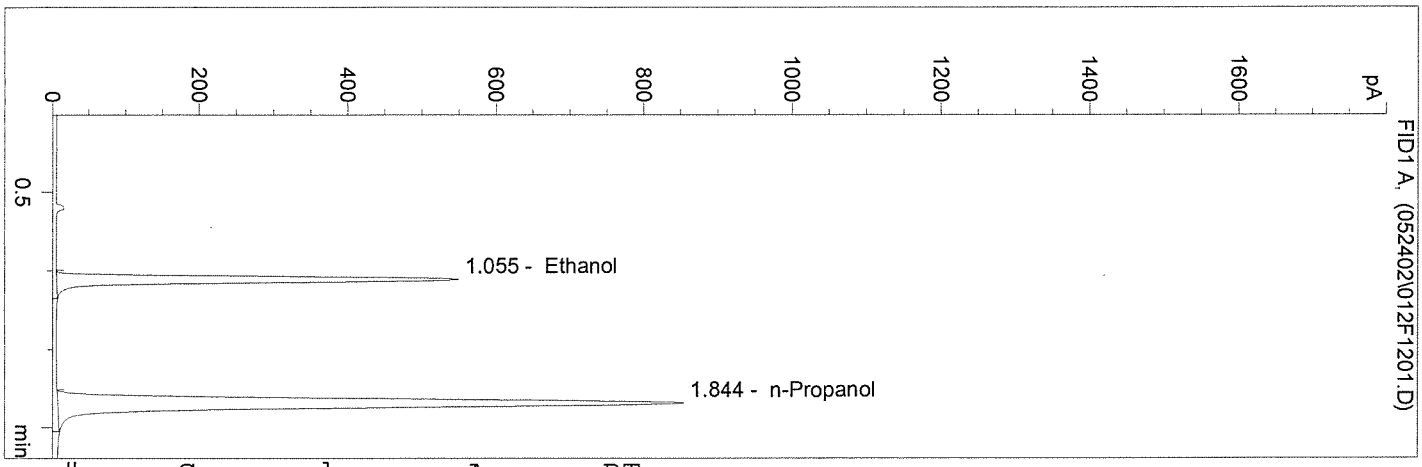
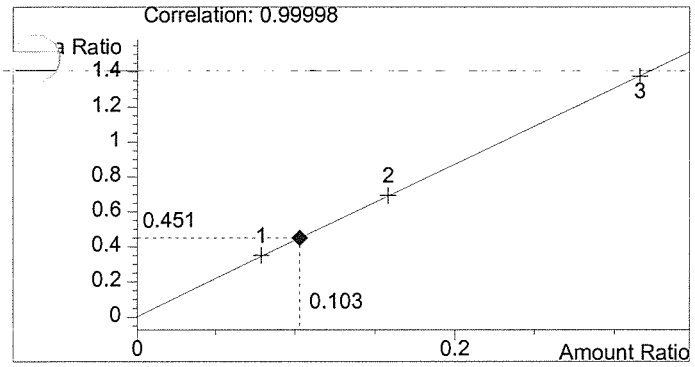
RUTH LUTHI

vial # 12

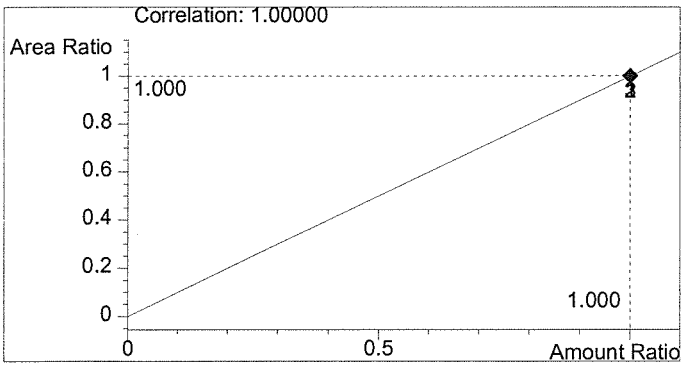


#	Compound	Area	RT
1	Ethanol	1468	1.055
2	n-Propanol	3257	1.844

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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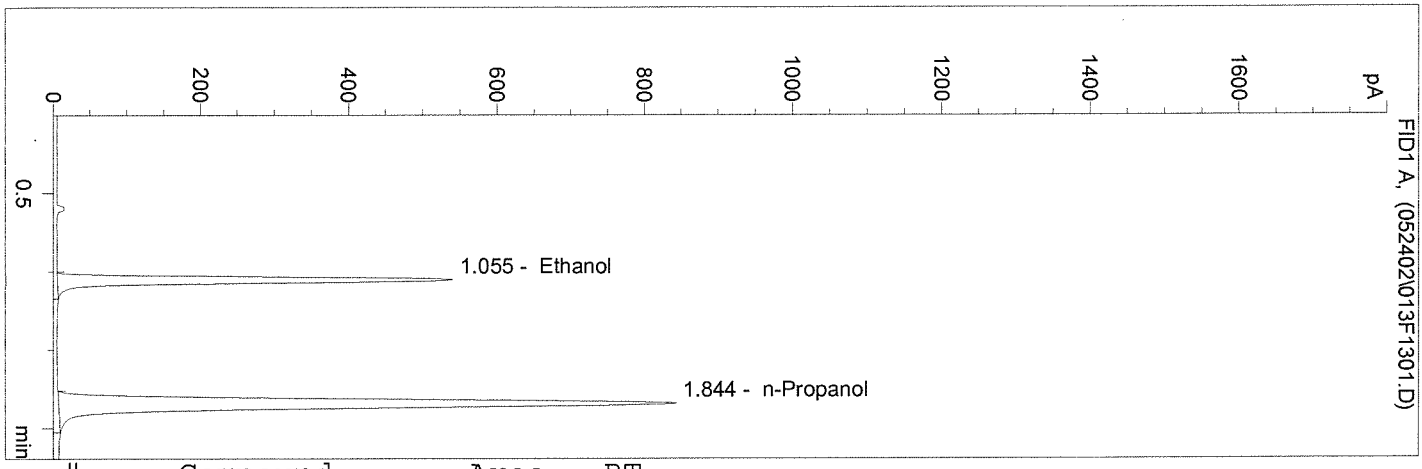
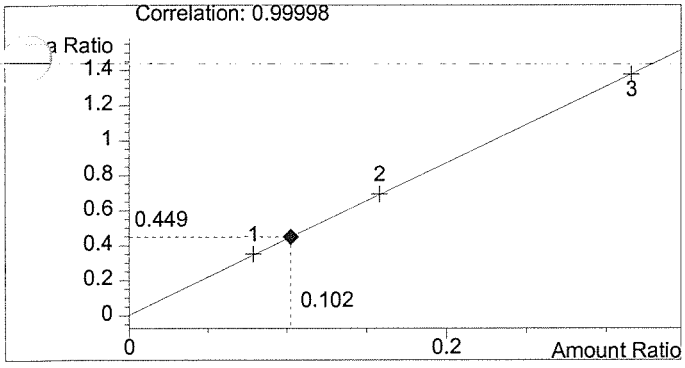
RUTH LUTHI

vial # 13

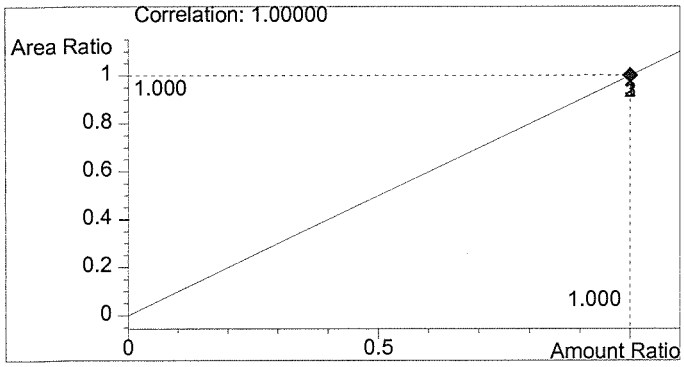


#	Compound	Area	RT
1	Ethanol	1440	1.055
2	n-Propanol	3206	1.844

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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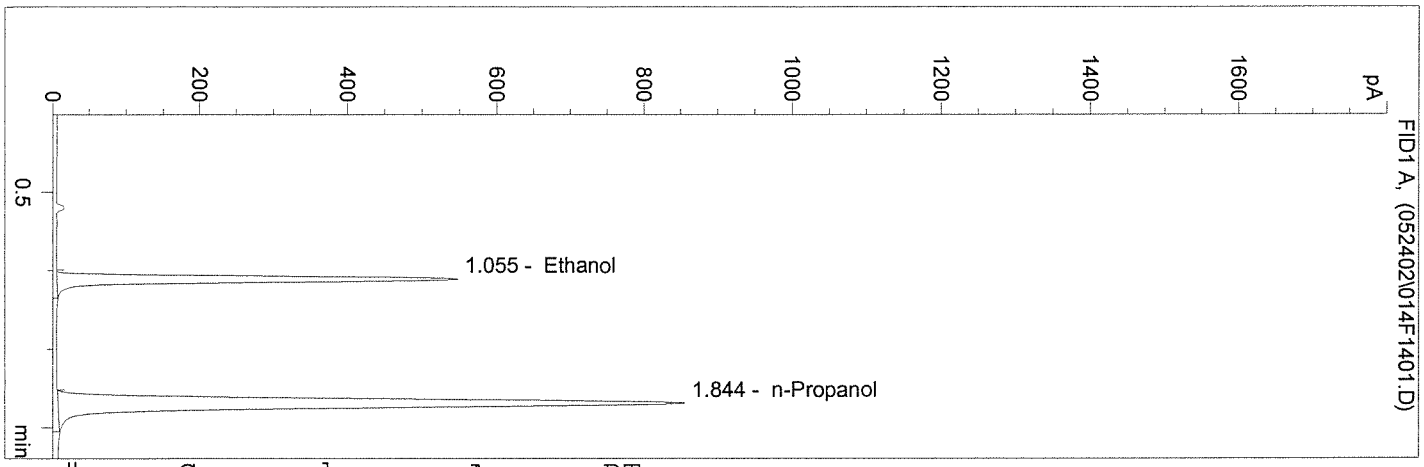
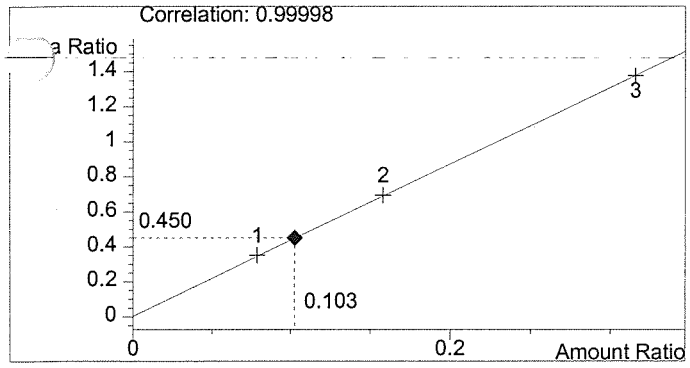
RUTH LUTHI

vial # 14

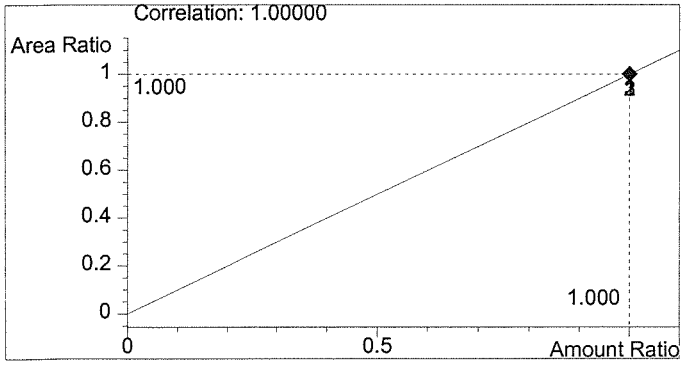


#	Compound	Area	RT
1	Ethanol	1465	1.055
2	n-Propanol	3256	1.844

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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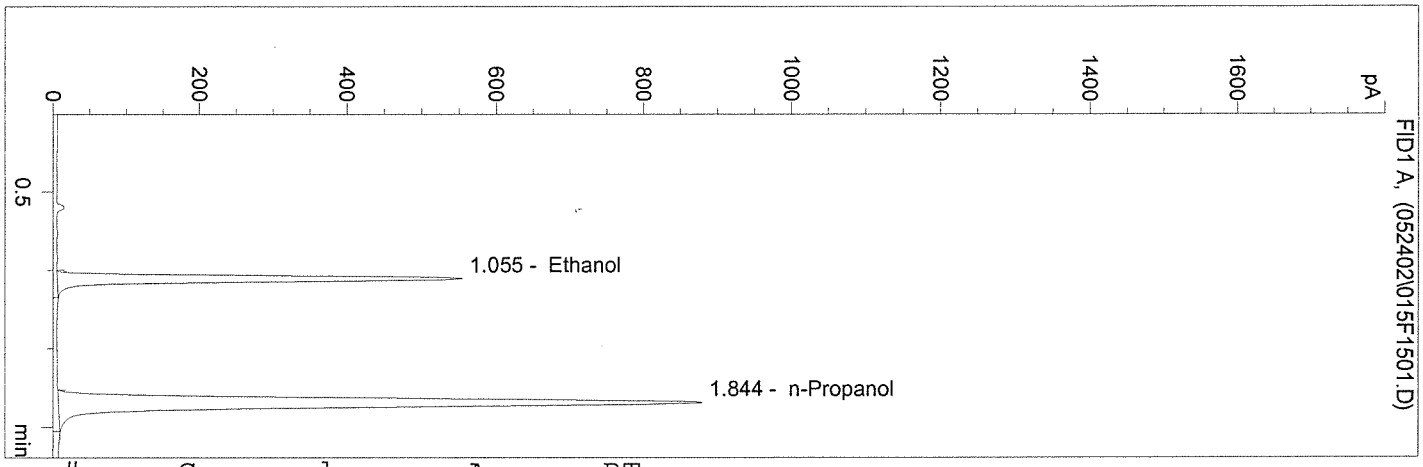
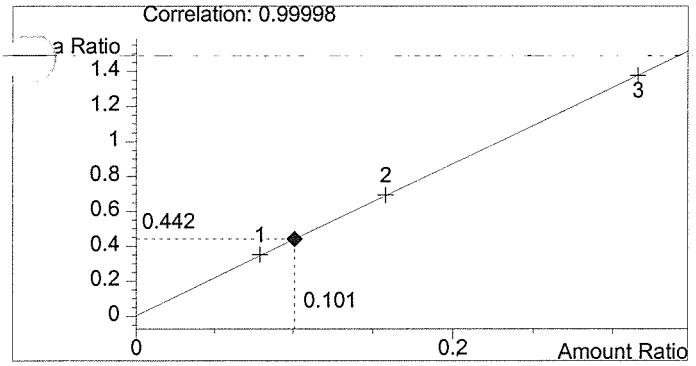
0.100 CTRL
RUTH LUTHI

vial # 15

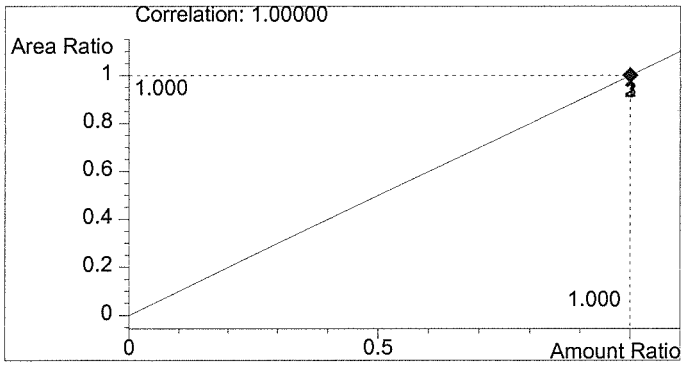


#	Compound	Area	RT
1	Ethanol	1479	1.055
2	n-Propanol	3349	1.844

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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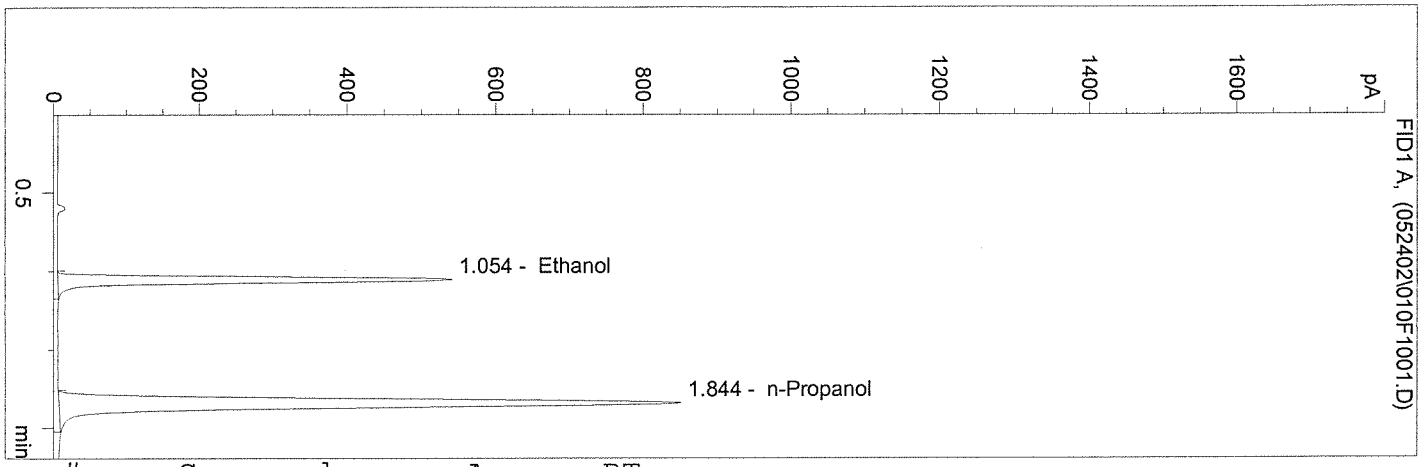
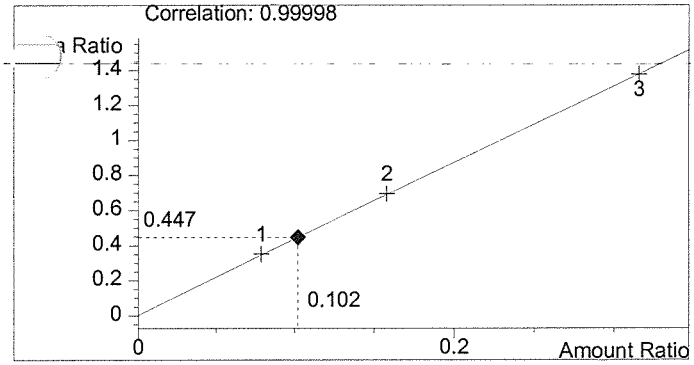
RUTH LUTHI

vial # 10

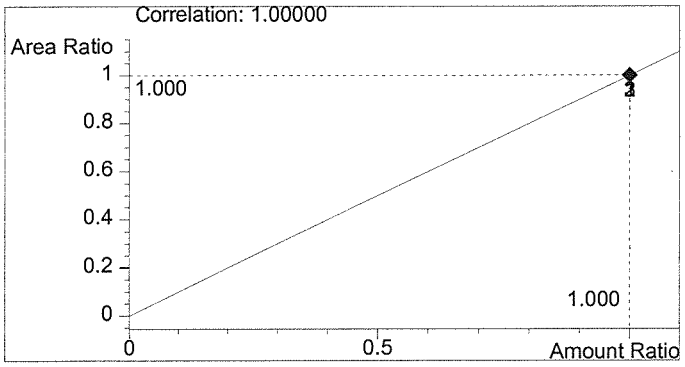


#	Compound	Area	RT
1	Ethanol	1451	1.054
2	n-Propanol	3245	1.844

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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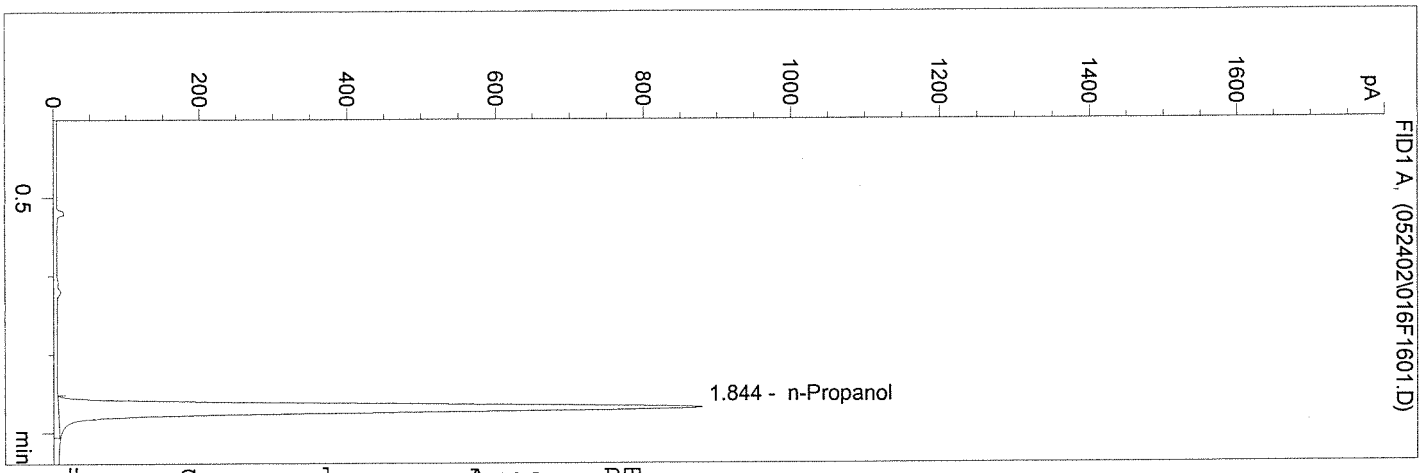
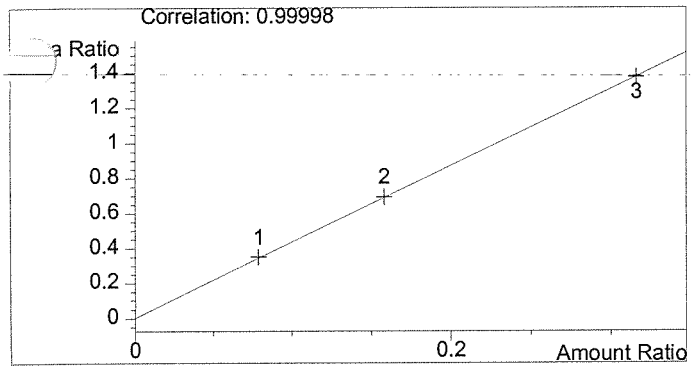
RUTH LUTHI

vial # 16

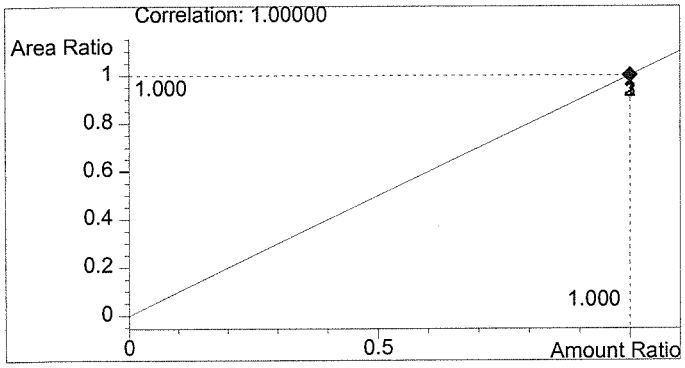


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3347	1.844

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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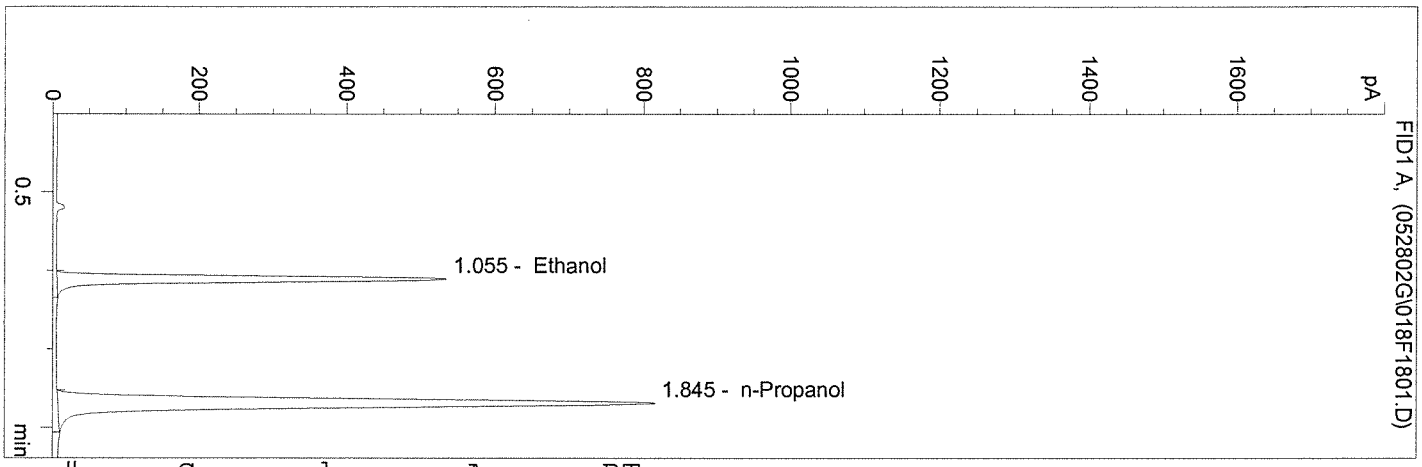
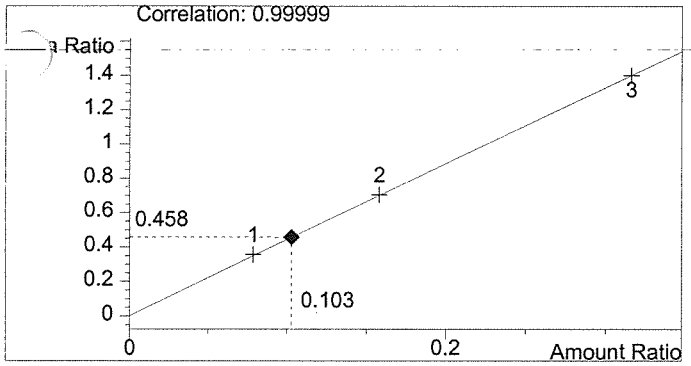
GENE SCHWILKE

vial # 18

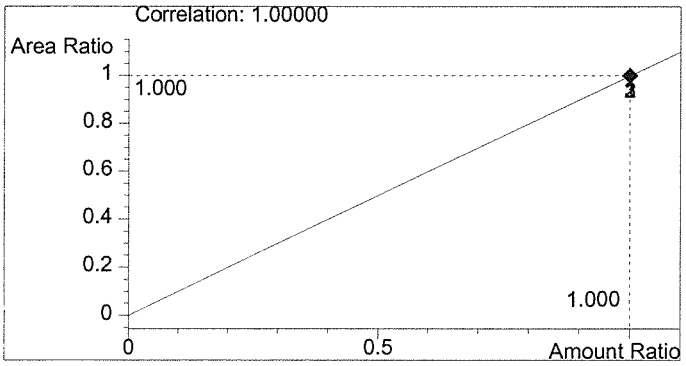


#	Compound	Area	RT
1	Ethanol	1427	1.055
2	n-Propanol	3114	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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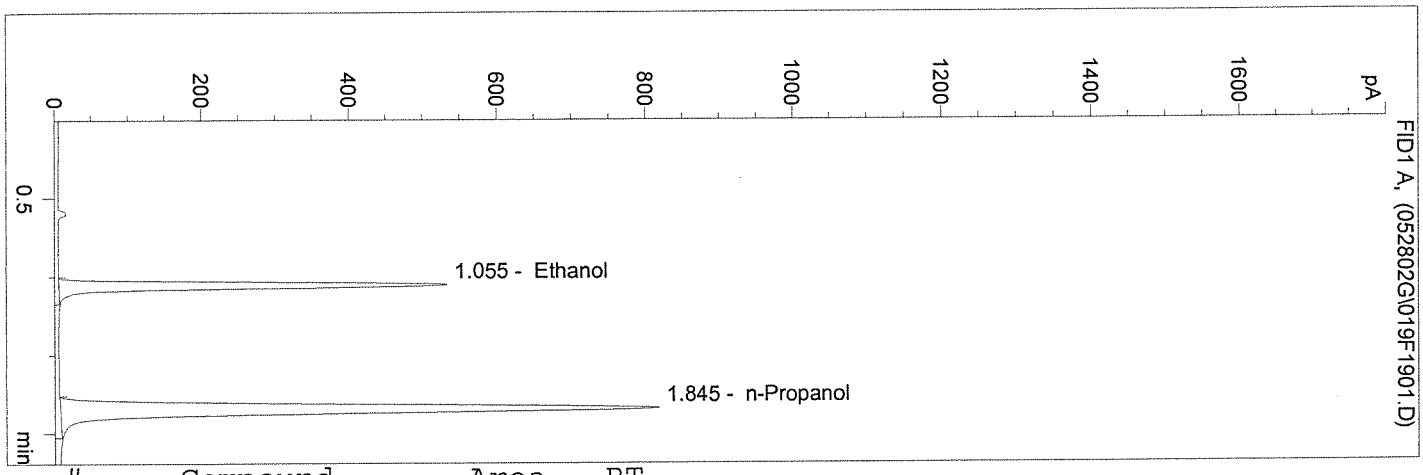
Instrument 2
-ALC1

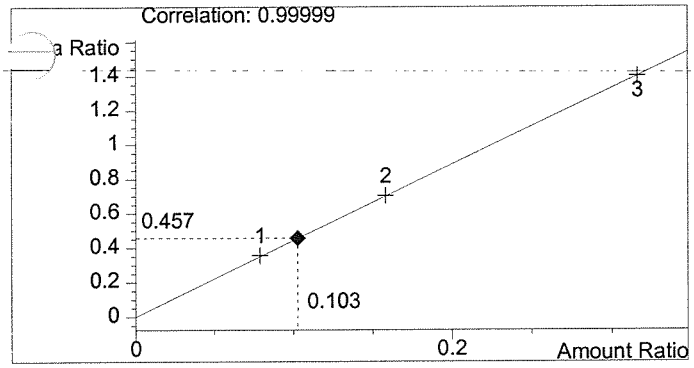
SIM SOLN 02016
GENE SCHWILKE

vial # 19

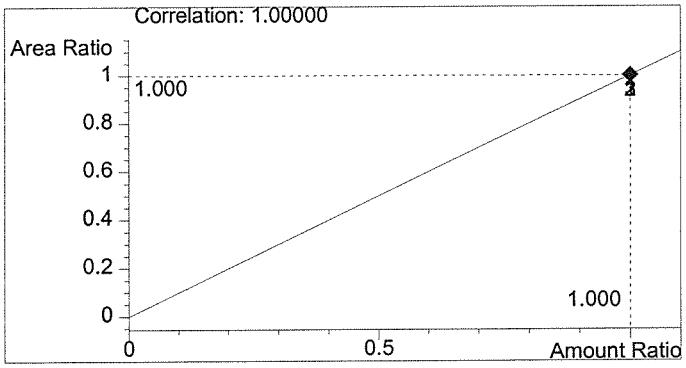


#	Compound	Area	RT
1	Ethanol	1427	1.055
2	n-Propanol	3122	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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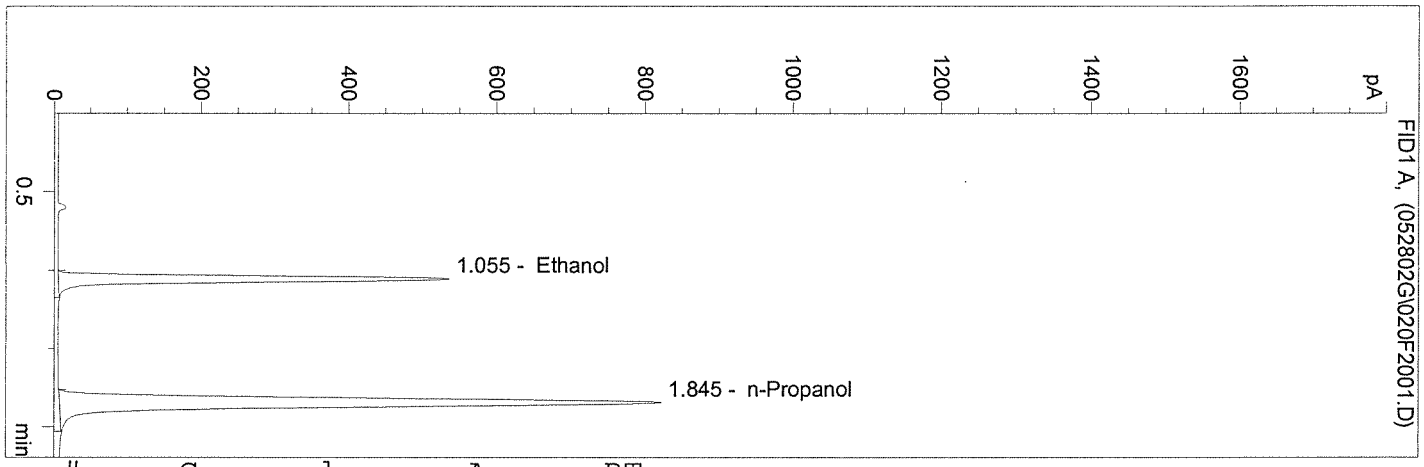
Instrument 2
-ALC1

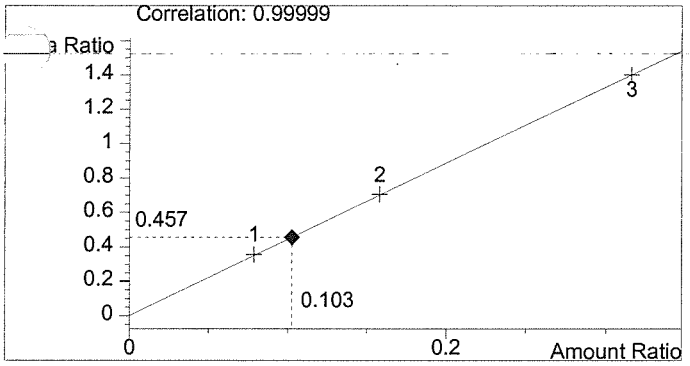
SIM SOLN 02016
GENE SCHWILKE

vial # 20

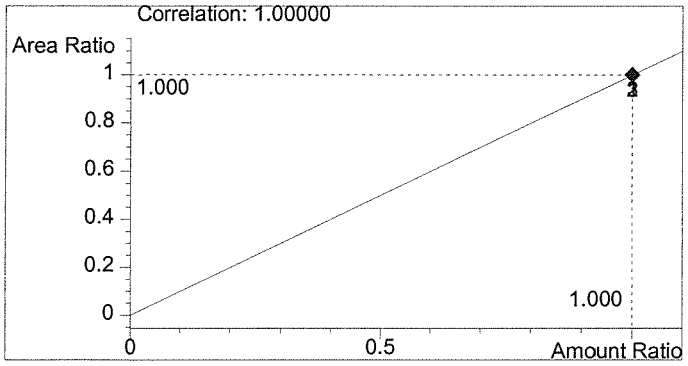


#	Compound	Area	RT
1	Ethanol	1436	1.055
2	n-Propanol	3143	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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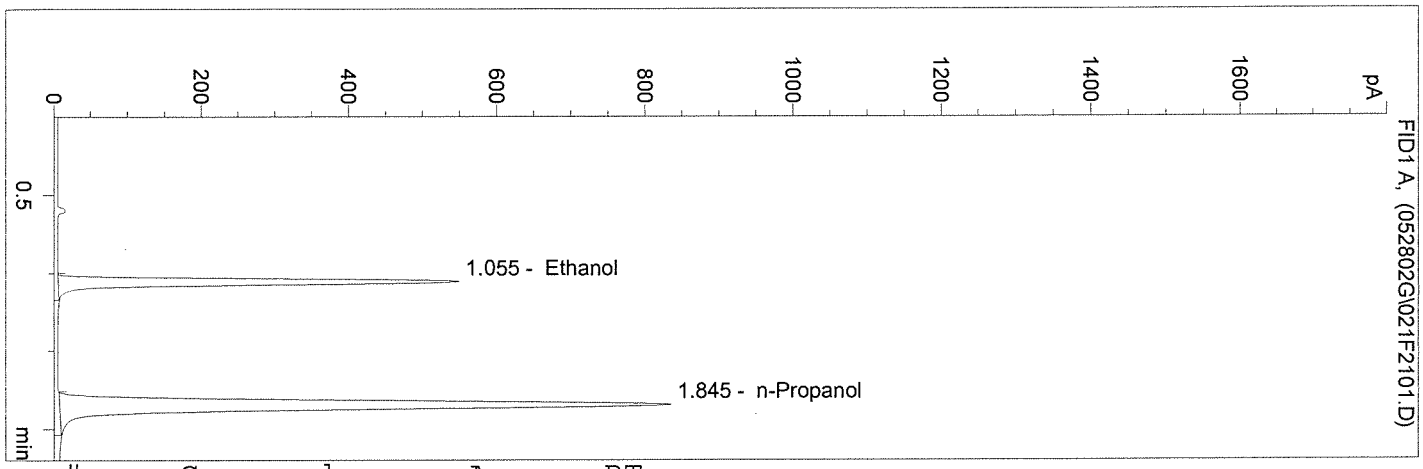
Instrument 2
-ALC1

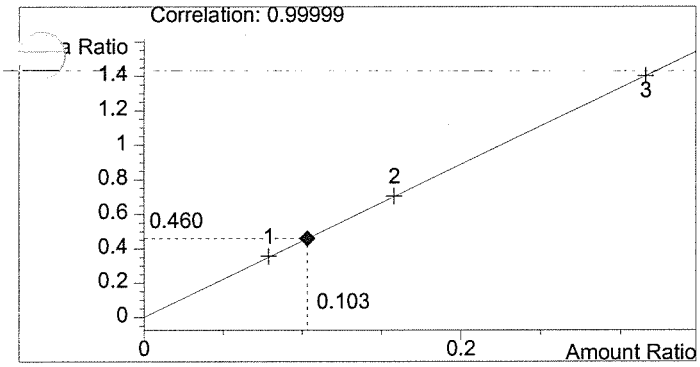
SIM SOLN 02016
GENE SCHWILKE

vial # 21

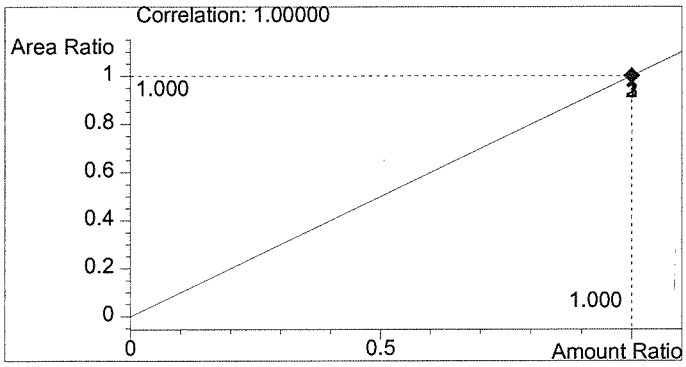


#	Compound	Area	RT
1	Ethanol	1466	1.055
2	n-Propanol	3188	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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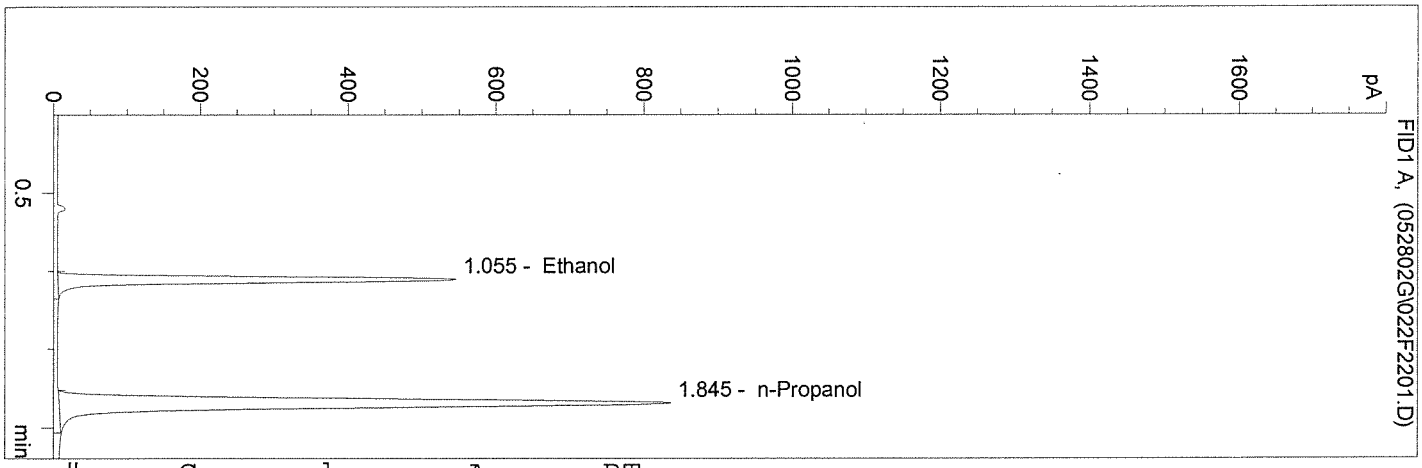
Instrument 2
-ALC1

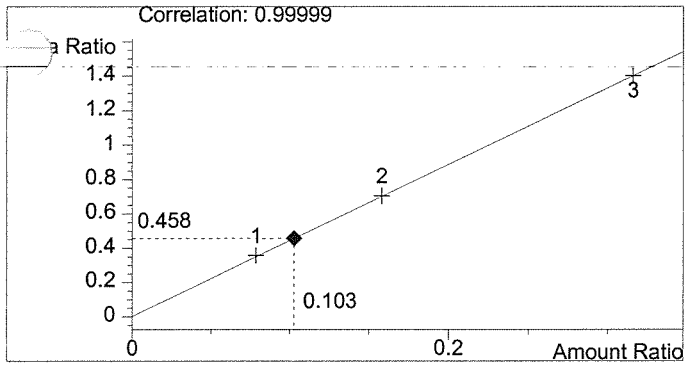
SIM SOLN 02016
GENE SCHWILKE

vial # 22

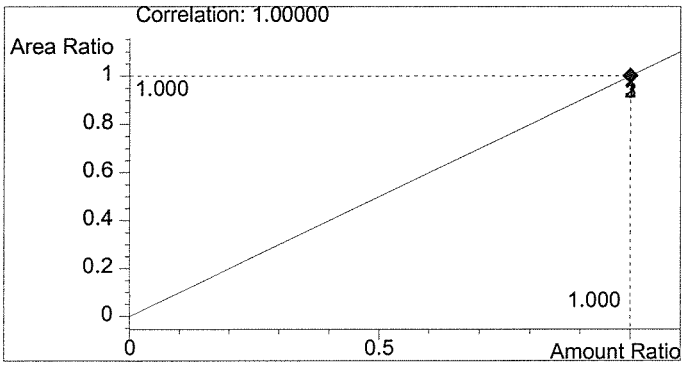


#	Compound	Area	RT
1	Ethanol	1465	1.055
2	n-Propanol	3196	1.845

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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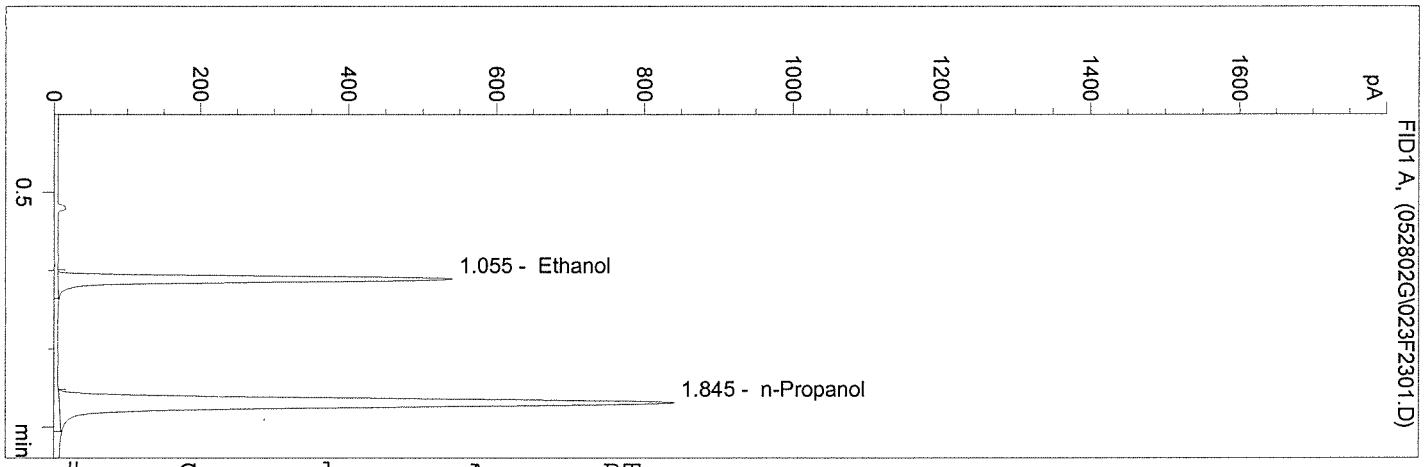
Instrument 2
-ALC1

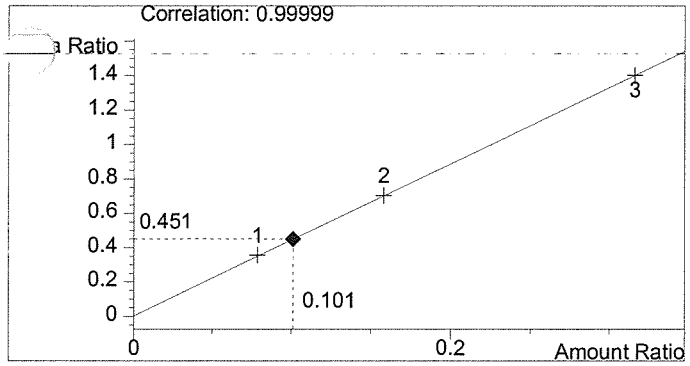
CAP 0.100
GENE SCHWILKE

vial # 23

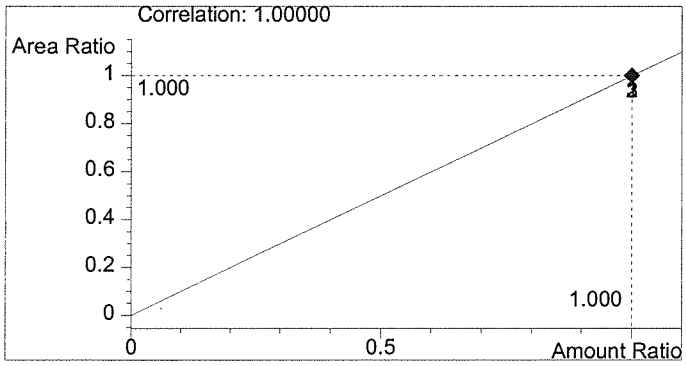


#	Compound	Area	RT
1	Ethanol	1451	1.055
2	n-Propanol	3218	1.845

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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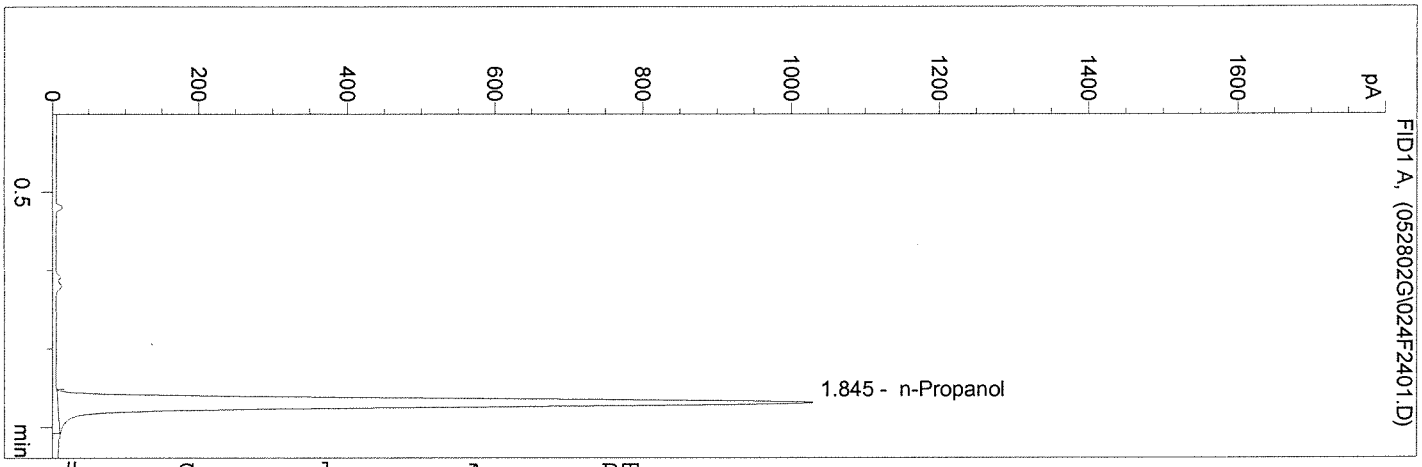
Instrument 2
-ALC1

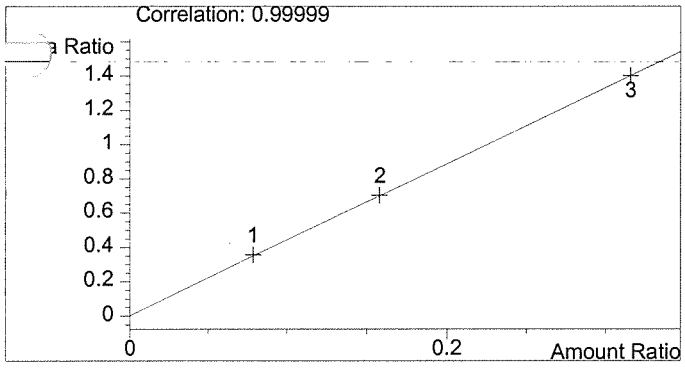
BLANK
GENE SCHWILKE

vial # 24

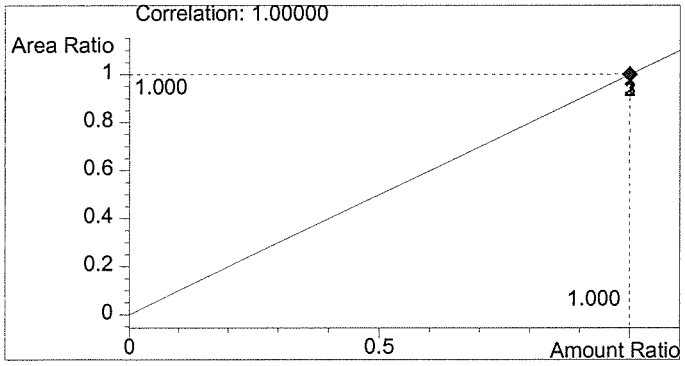


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3945	1.845

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Calibrators + ~~controls~~ NN in 023040
Controls in 023049

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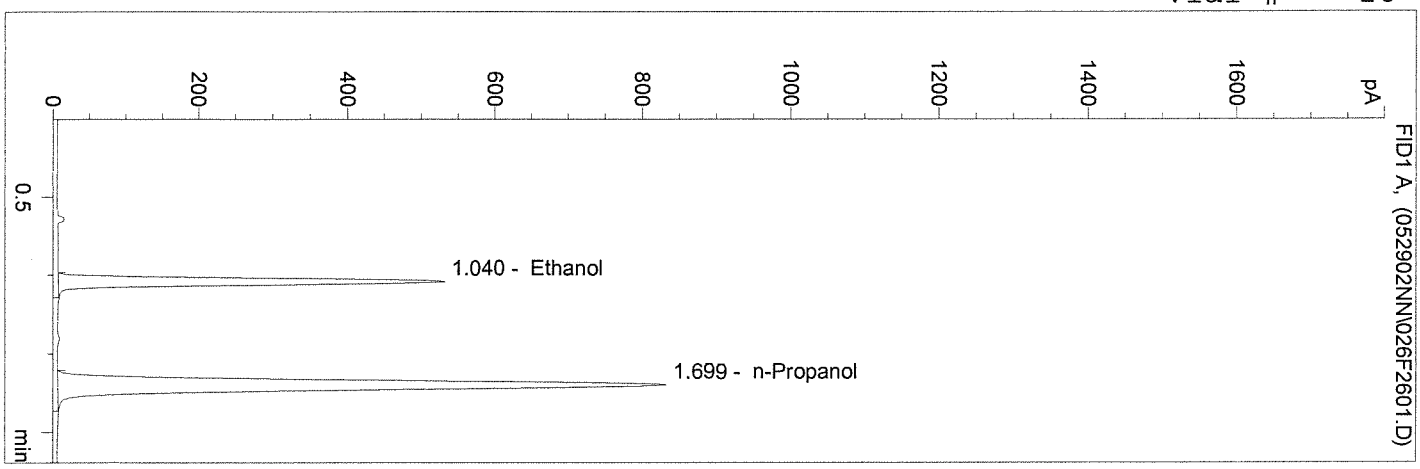
Instrument 1
-ALC1

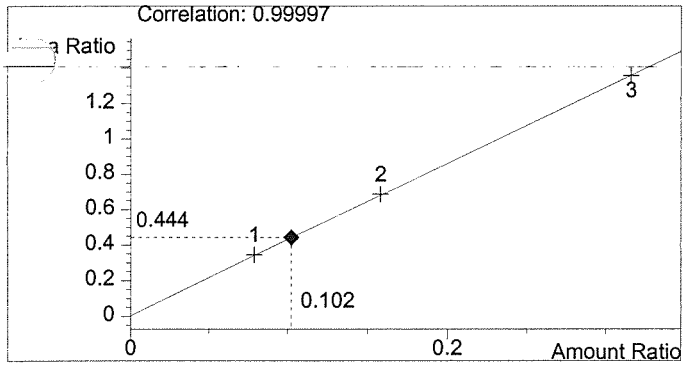
02016 SIM
Naziha Nuwayhid, PhD

vial # 26

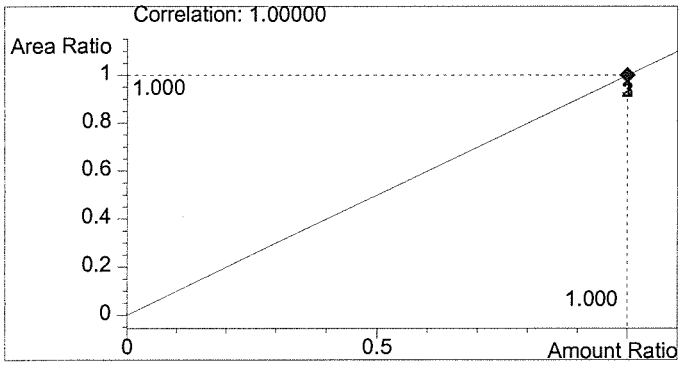


#	Compound	Area	RT
1	Ethanol	1510	1.040
2	n-Propanol	3403	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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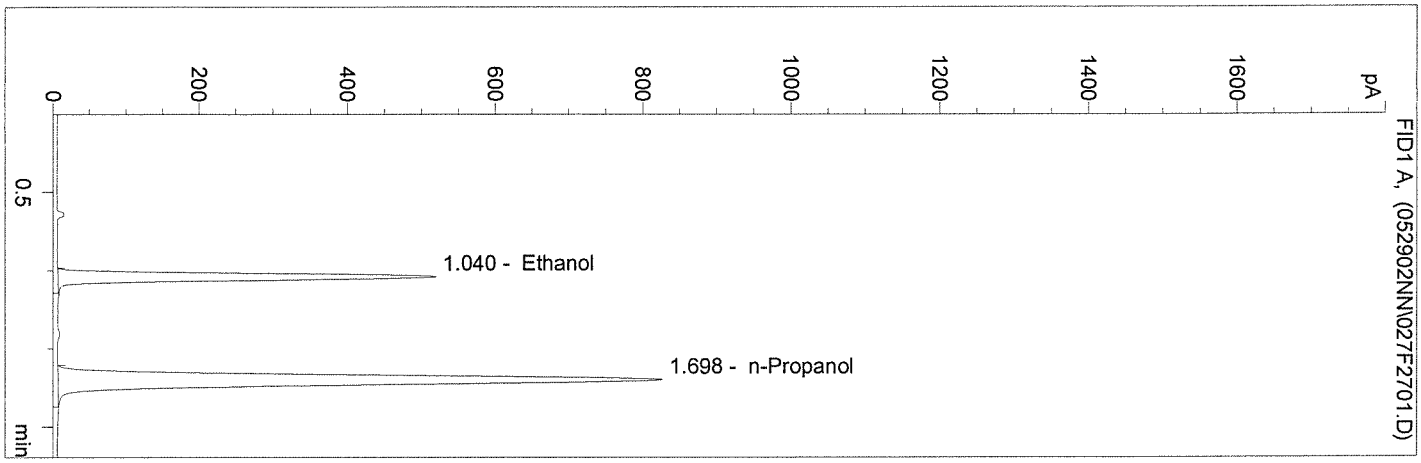
Instrument 1
-ALC1

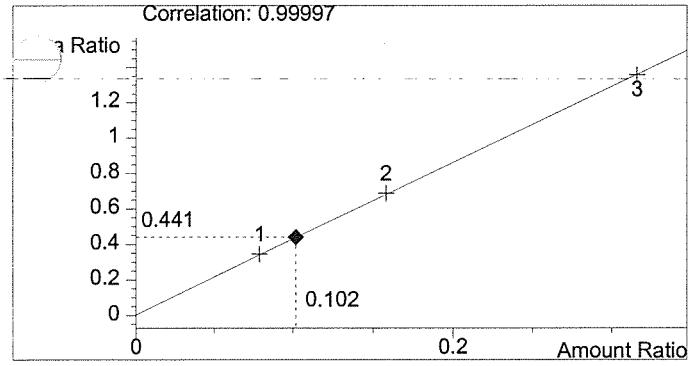
02016 SIM
Naziha Nuwayhid, PhD

vial # 27

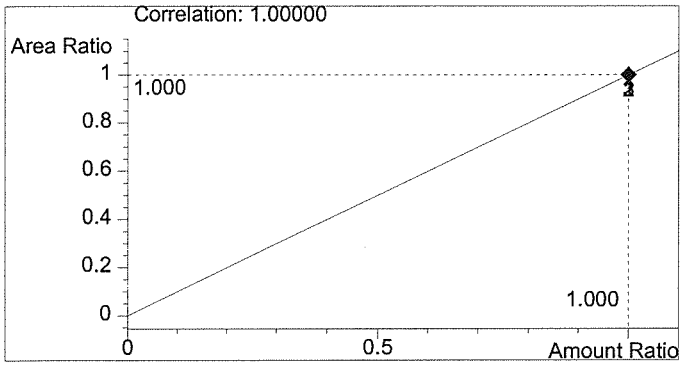


#	Compound	Area	RT
1	Ethanol	1504	1.040
2	n-Propanol	3411	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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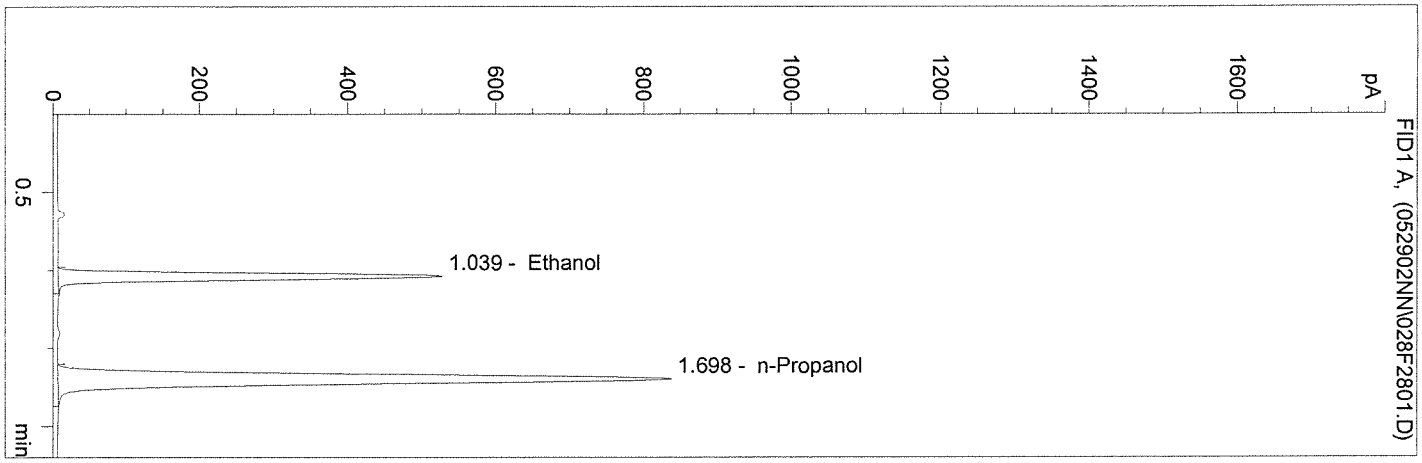
Instrument 1
-ALC1

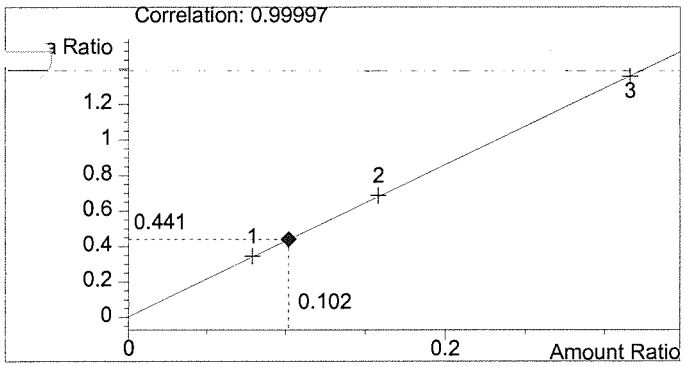
02016 SIM
Naziha Nuwayhid, PhD

vial # 28

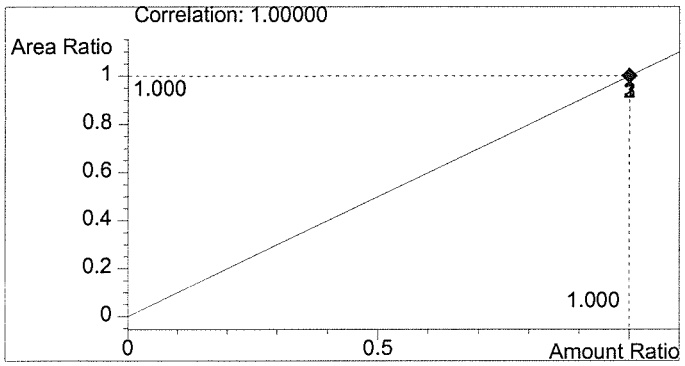


#	Compound	Area	RT
1	Ethanol	1525	1.039
2	n-Propanol	3457	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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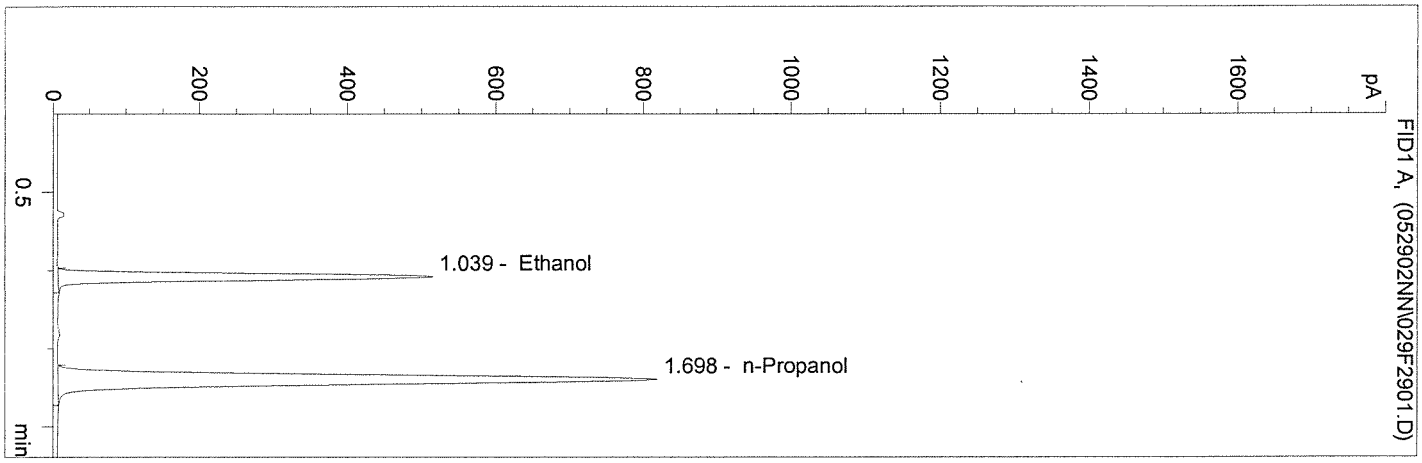
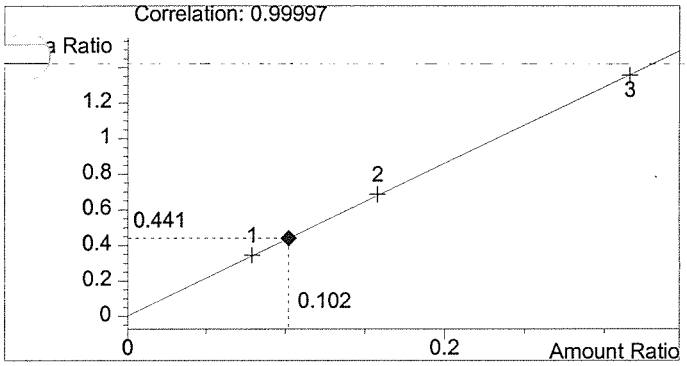
vial # 29

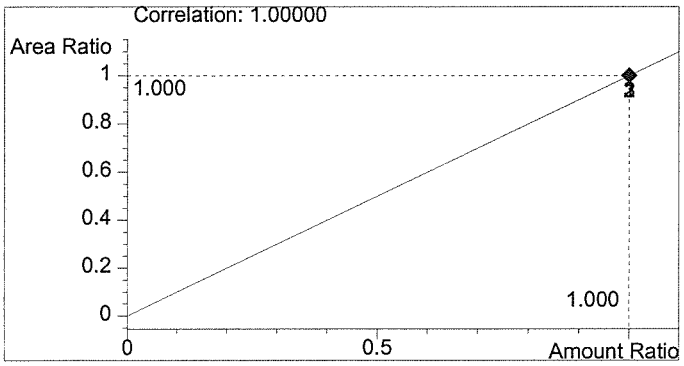


#	Compound	Area	RT
1	Ethanol	1492	1.039
2	n-Propanol	3380	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
-ALC1

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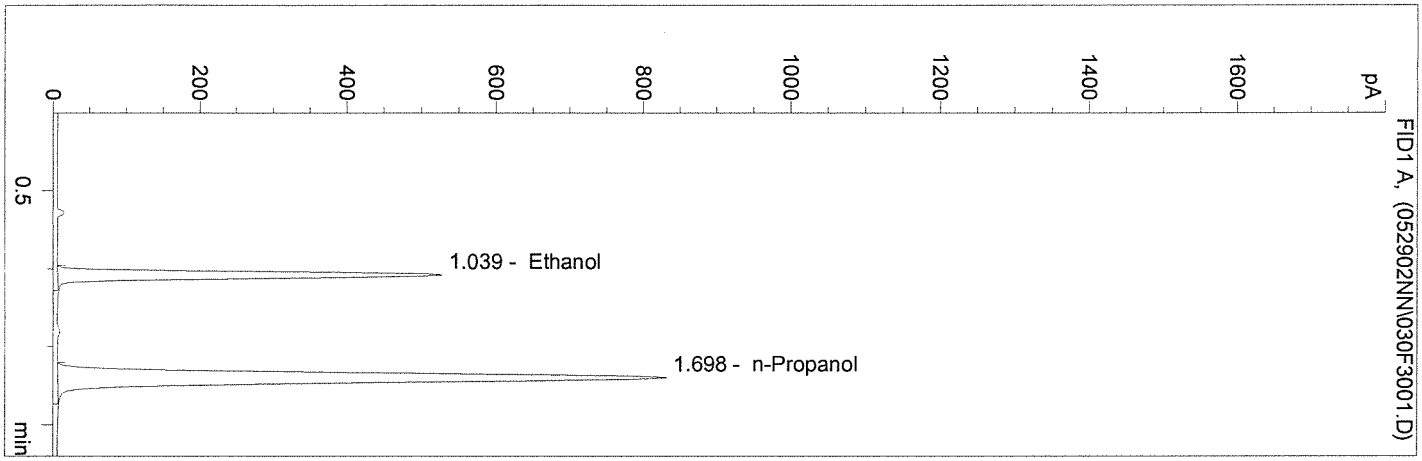
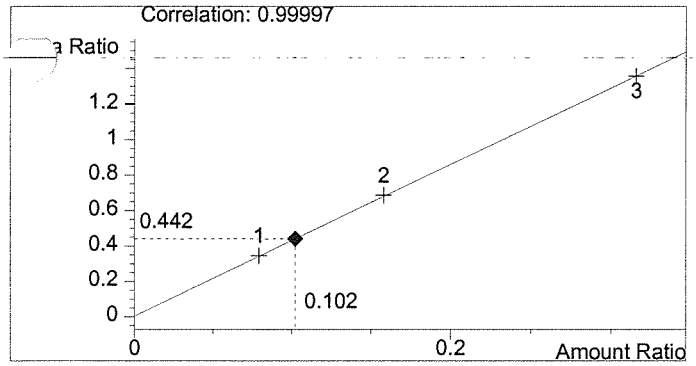
vial # 30

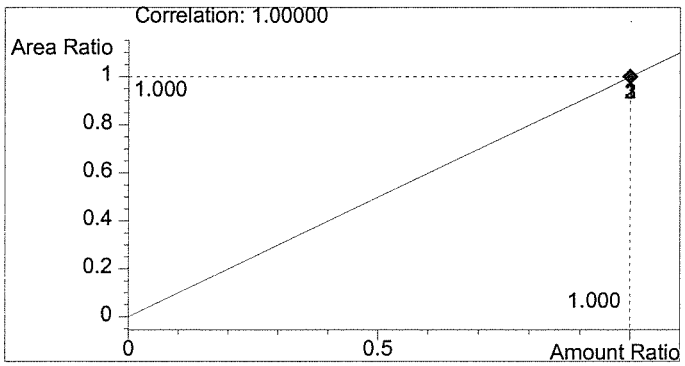


#	Compound	Area	RT
1	Ethanol	1516	1.039
2	n-Propanol	3428	1.698

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CALIBRATOR	BLDALCO3	1	Calib		
3	3	0.158 CALIBRATOR	BLDALCO3	1	Calib		
4	4	0.316 CALIBRATOR	BLDALCO3	1	Calib		
5	5	Blank	BLDALCO3	1	Sample		
6	6	SIM 02016-1	BLDALCO3	1	Sample		
7	7	SIM 02016-2	BLDALCO3	1	Sample		
8	8	SIM 02016-3	BLDALCO3	1	Sample		
9	9	SIM 02016-4	BLDALCO3	1	Sample		
10	10	SIM 02016-5	BLDALCO3	1	Sample		
11	11	0.101 CTRL	BLDALCO3	1	Ctrl Samp		
12	12	BLANK	BLDALCO3	1	Sample		

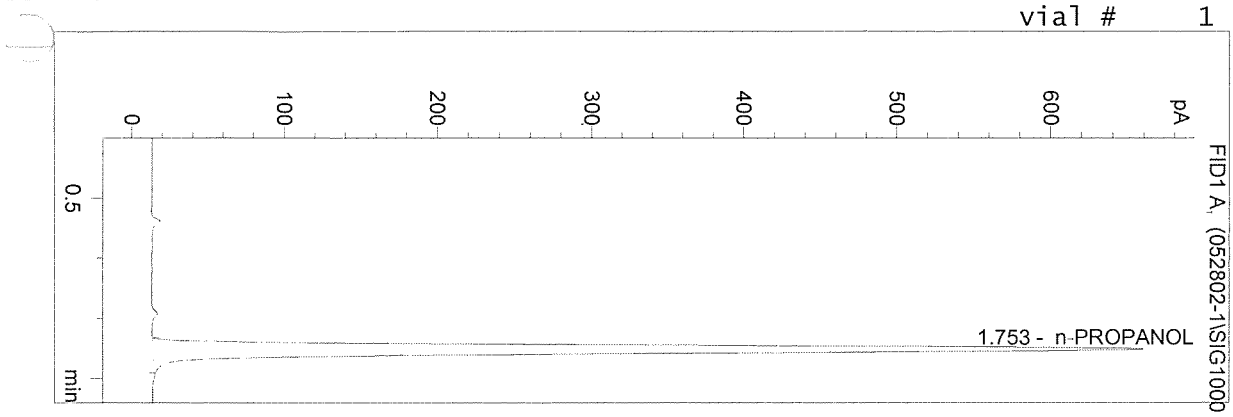
Sequence Table (Back Injector):

No entries - empty table!

C:\HPCHEM\1\METHODS\BLDALCO3.M
5/28/02 5:19:00 PM
Instrument 3
DB-ALC1

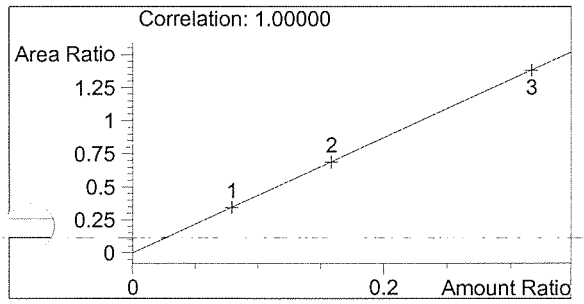
BLANK
ANN MARIE GORDON

vial # 1

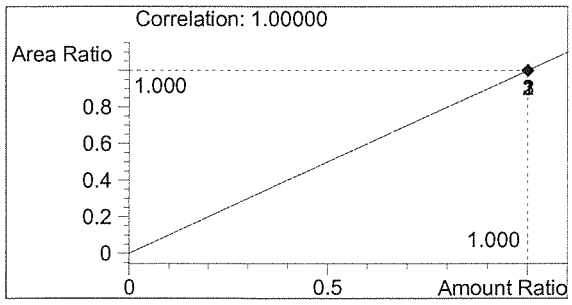


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2958	1.753

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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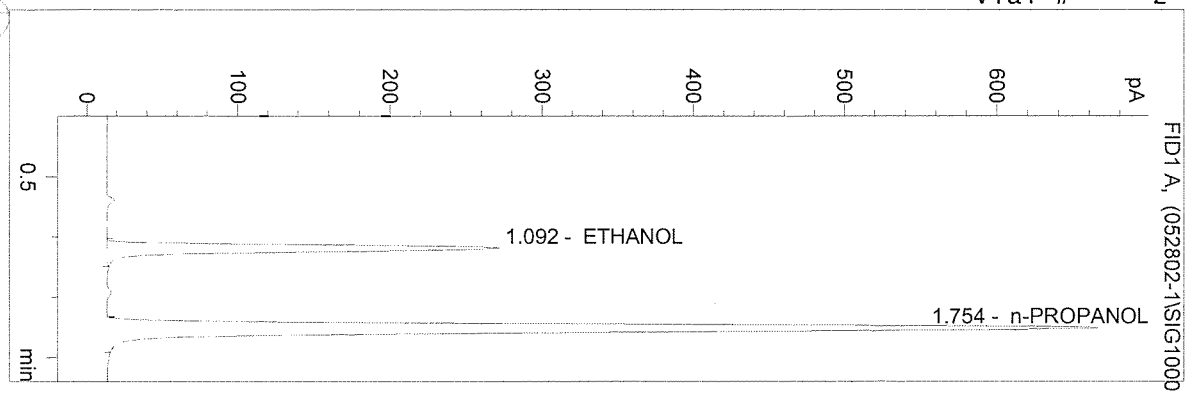
Instrument 3
DB-ALC1

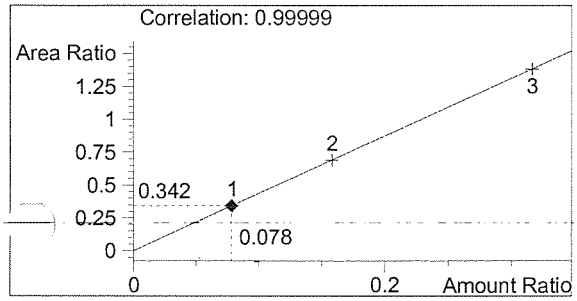
0.079 CALIBRATOR
ANN MARIE GORDON

vial # 2

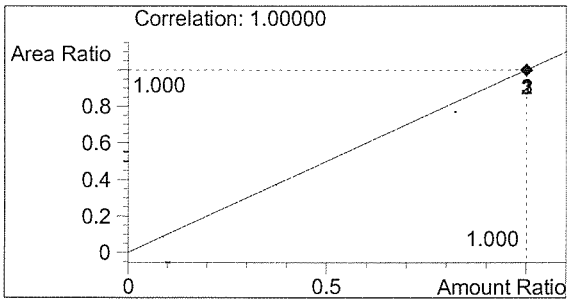


#	Compound	Area	RT
1	ETHANOL	1015	1.092
2	n-PROPANOL	2971	1.754

Totals:



ETHANOL 0.078 mg/L



n-PROPANOL 1.000 mg/L

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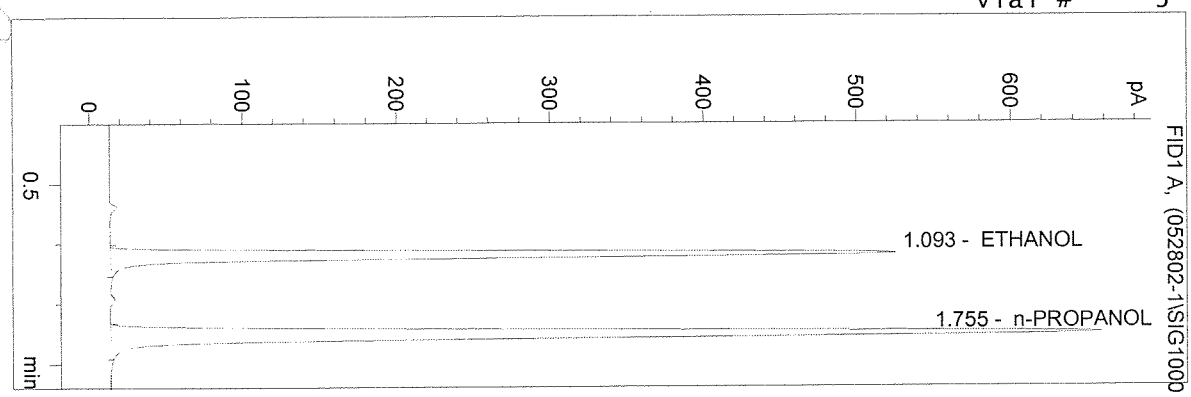
Instrument 3
DB-ALC1

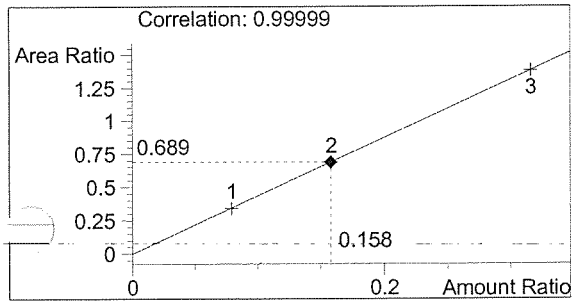
0.158 CALIBRATOR
ANN MARIE GORDON

vial # 3

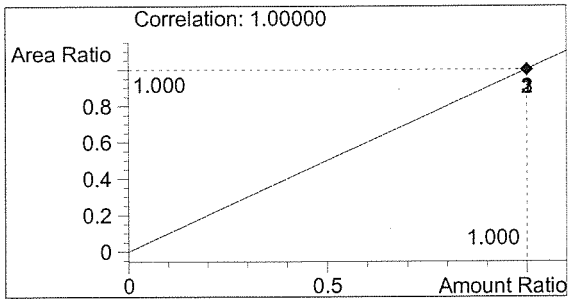


#	Compound	Area	RT
1	ETHANOL	2031	1.093
2	n-PROPANOL	2947	1.755

Totals:



ETHANOL 0.158 mg/L

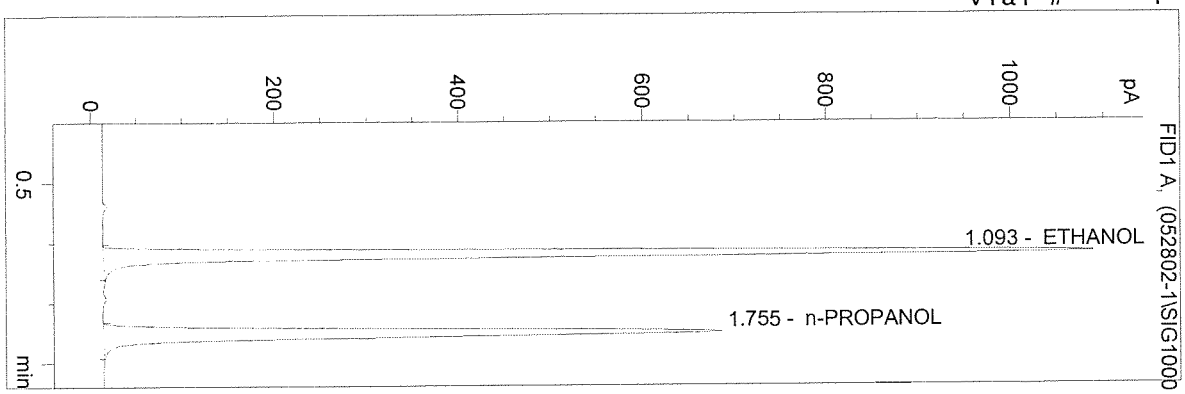


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
5/28/02 5:29:09 PM
Instrument 3
DB-ALC1

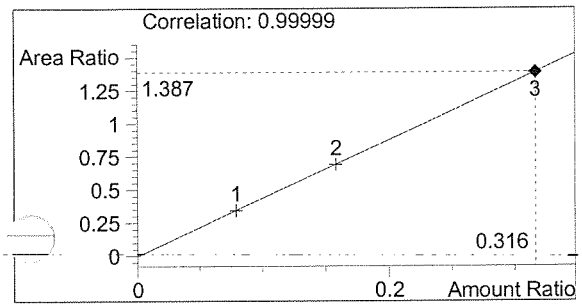
0.316 CALIBRATOR
ANN MARIE GORDON

vial # 4

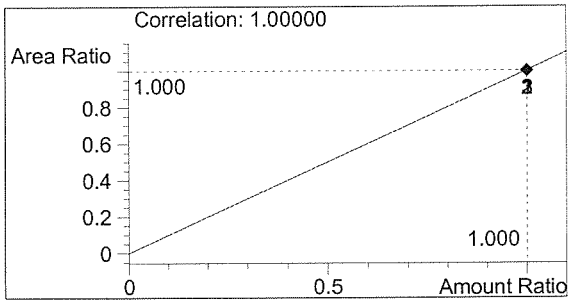


#	Compound	Area	RT
1	ETHANOL	4256	1.093
2	n-PROPANOL	3069	1.755

Totals:



ETHANOL 0.316 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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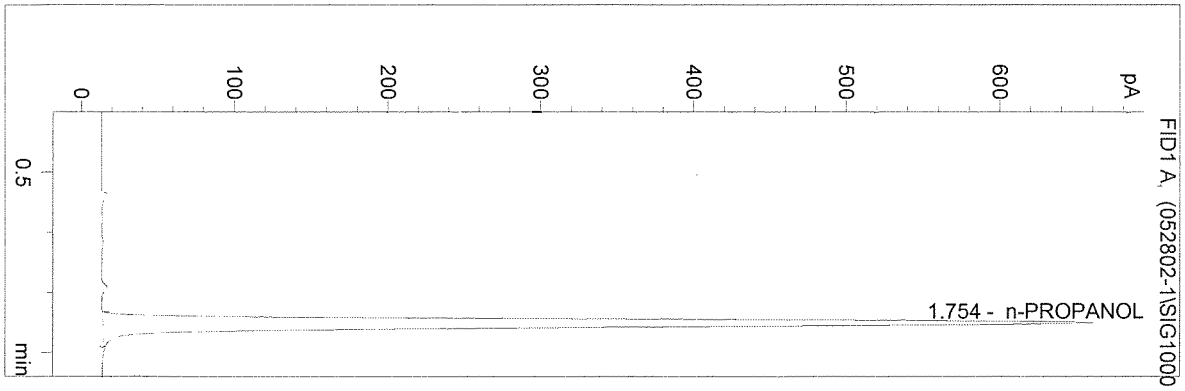
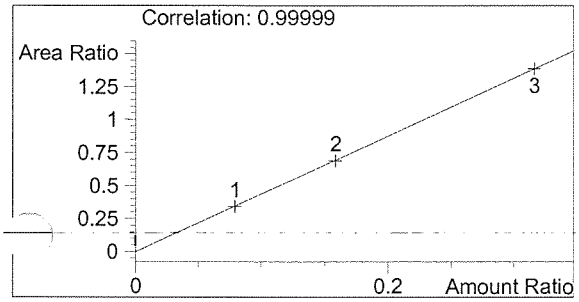
ANN MARIE GORDON

vial # 5

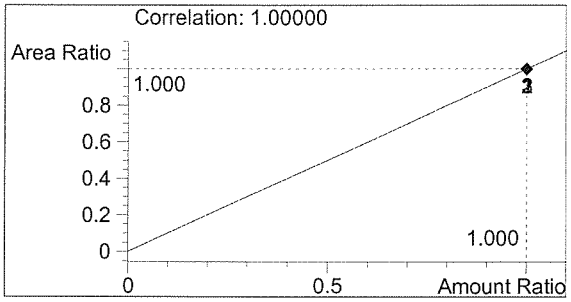


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2956	1.754

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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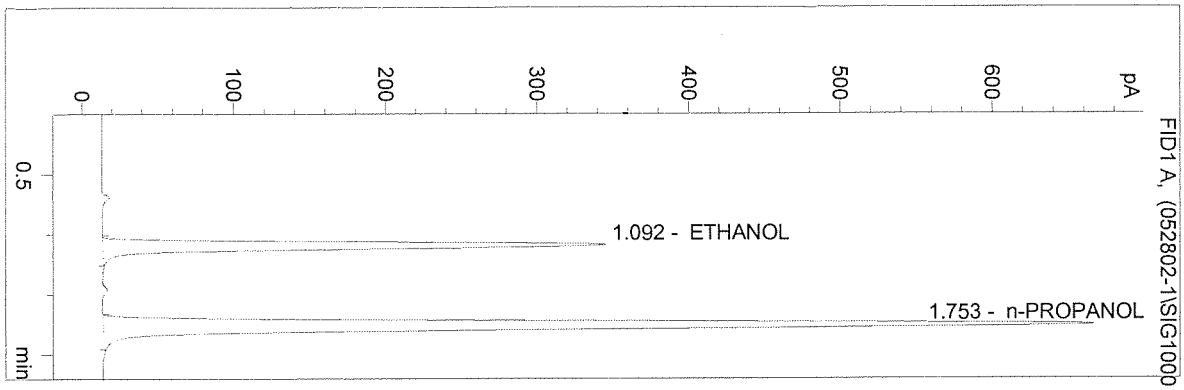
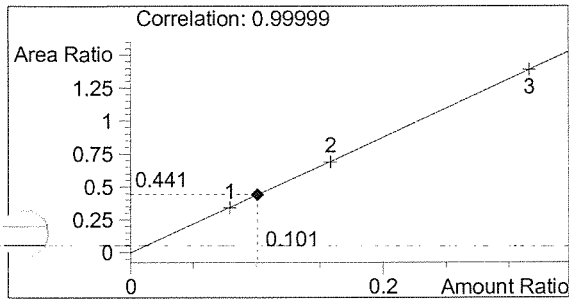
ANN MARIE GORDON

vial # 6

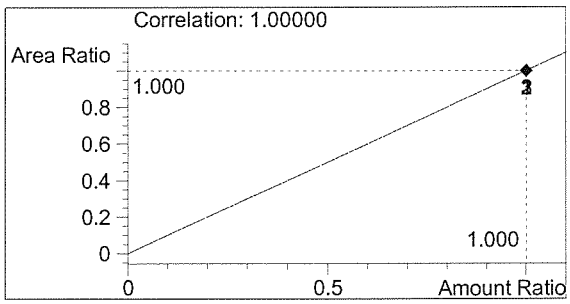


#	Compound	Area	RT
1	ETHANOL	1311	1.092
2	n-PROPANOL	2974	1.753

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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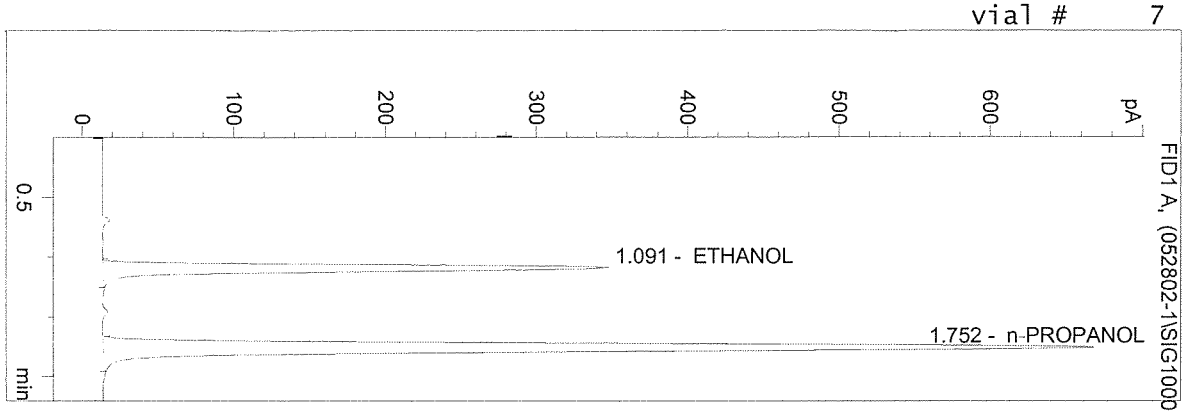
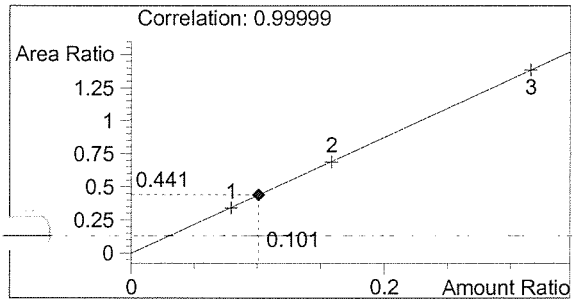
SIM 02016-2
ANN MARIE GORDON

vial # 7

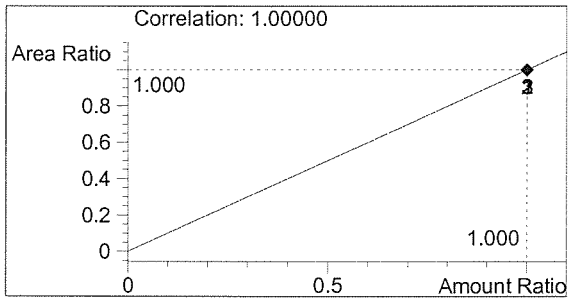


#	Compound	Area	RT
1	ETHANOL	1318	1.091
2	n-PROPANOL	2989	1.752

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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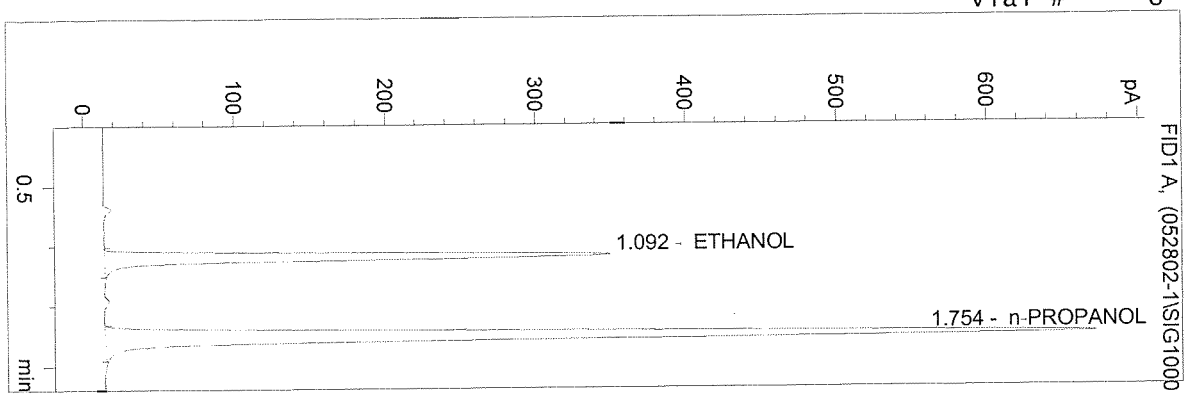
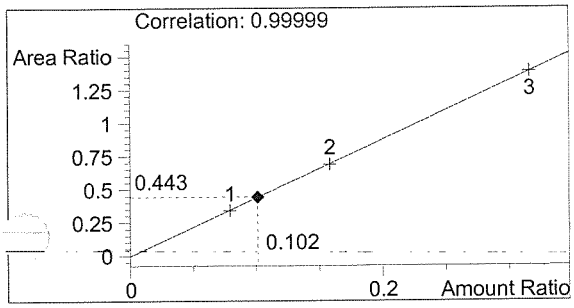
SIM 02016-3
ANN MARIE GORDON

vial # 8

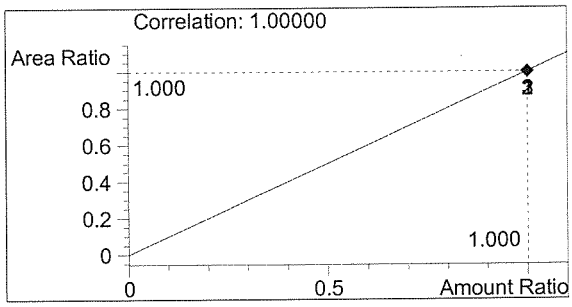


#	Compound	Area	RT
1	ETHANOL	1336	1.092
2	n-PROPANOL	3013	1.754

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

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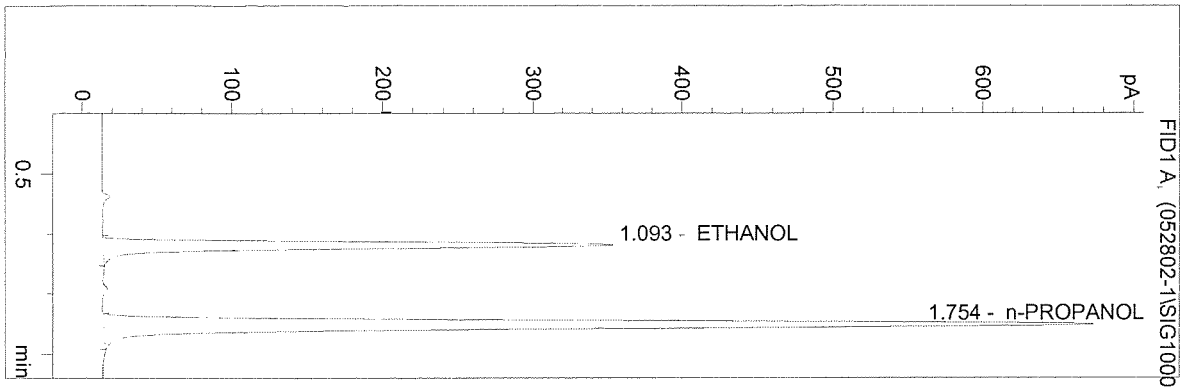
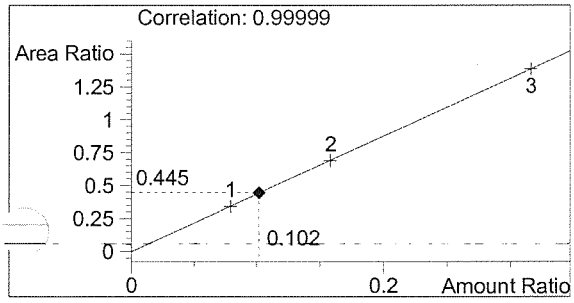
ANN MARIE GORDON

vial # 9

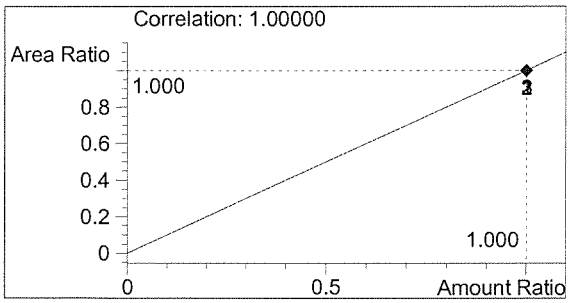


#	Compound	Area	RT
1	ETHANOL	1338	1.093
2	n-PROPANOL	3005	1.754

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

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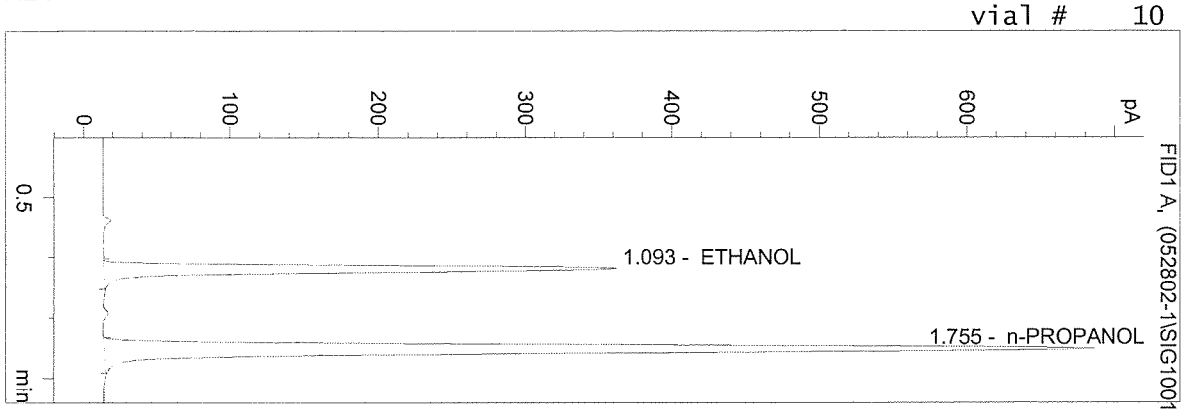
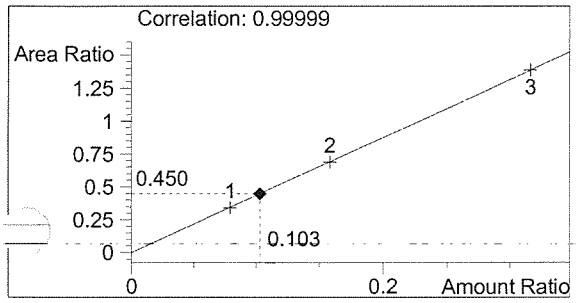
SIM 02016-5
ANN MARIE GORDON

vial # 10

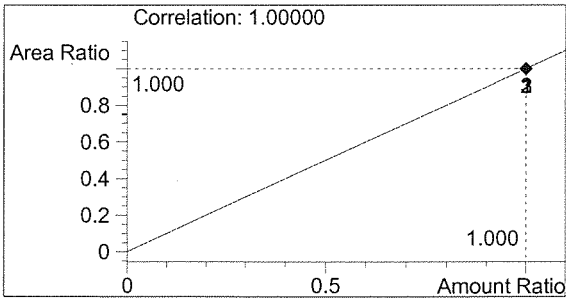


#	Compound	Area	RT
1	ETHANOL	1381	1.093
2	n-PROPANOL	3072	1.755

Totals:



ETHANOL 0.103 mg/L



n-PROPANOL 1.000 mg/L

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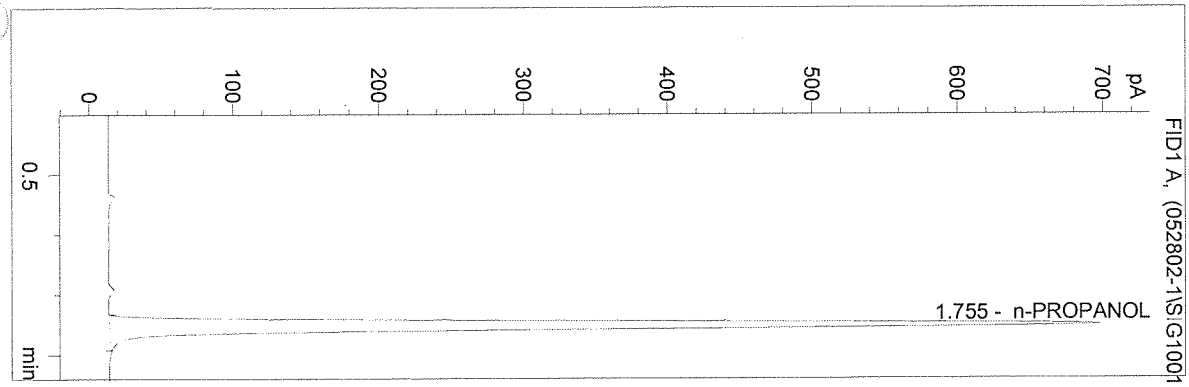
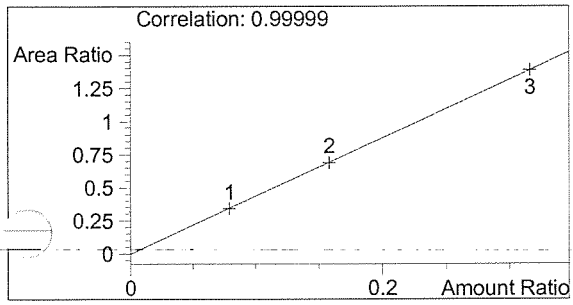
ANN MARIE GORDON

vial # 12

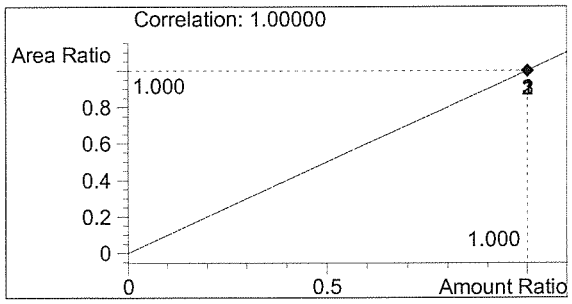


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3113	1.755

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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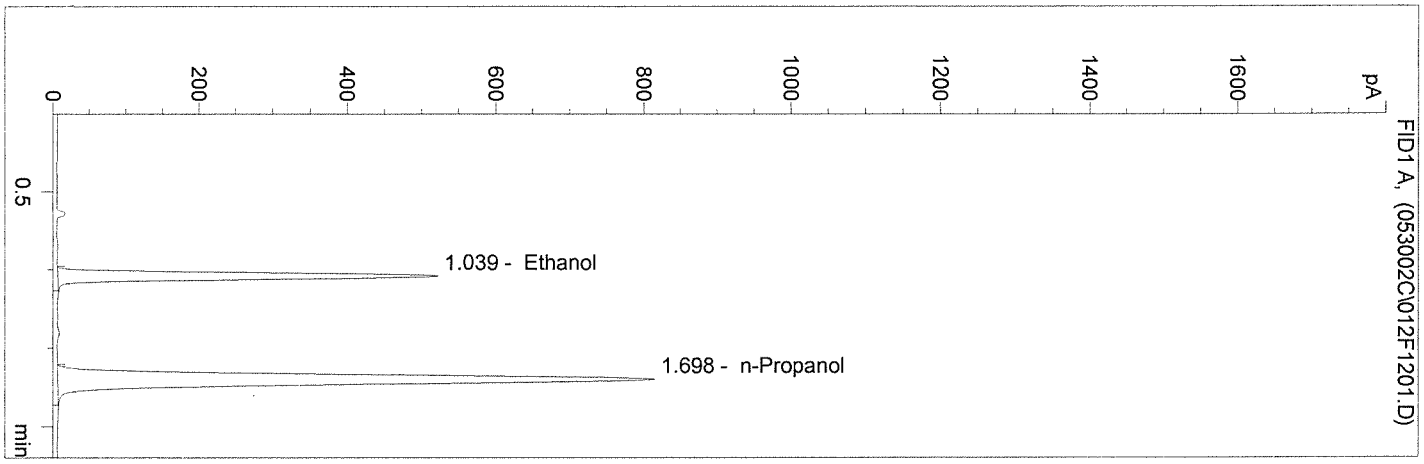
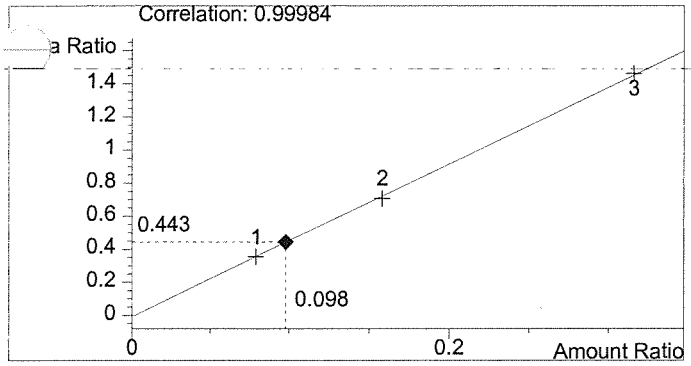
vial # 12

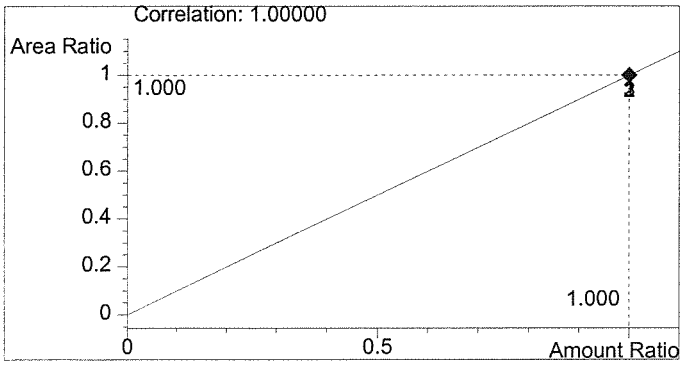


#	Compound	Area	RT
1	Ethanol	1477	1.039
2	n-Propanol	3331	1.698

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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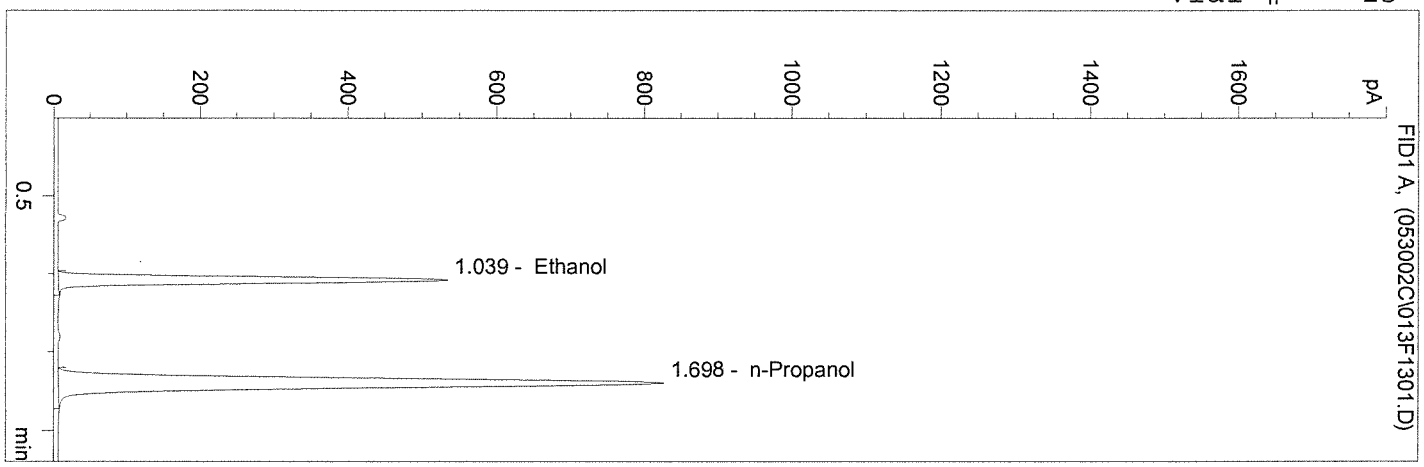
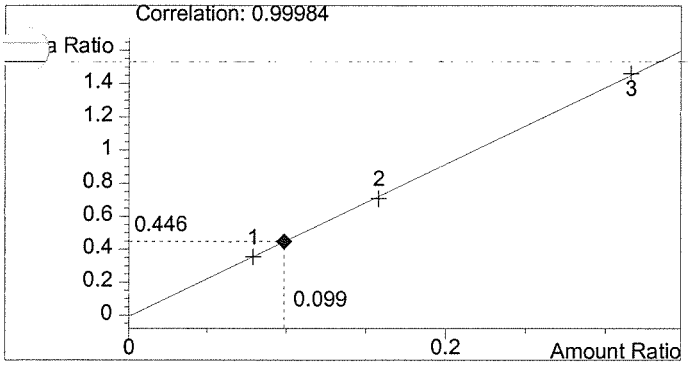
m pemberton

vial # 13

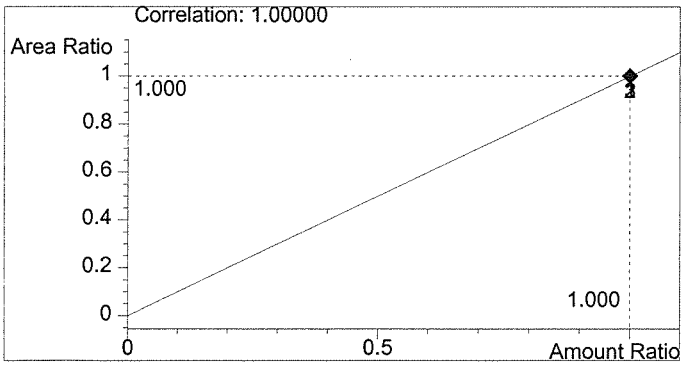


#	Compound	Area	RT
1	Ethanol	1513	1.039
2	n-Propanol	3390	1.698

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
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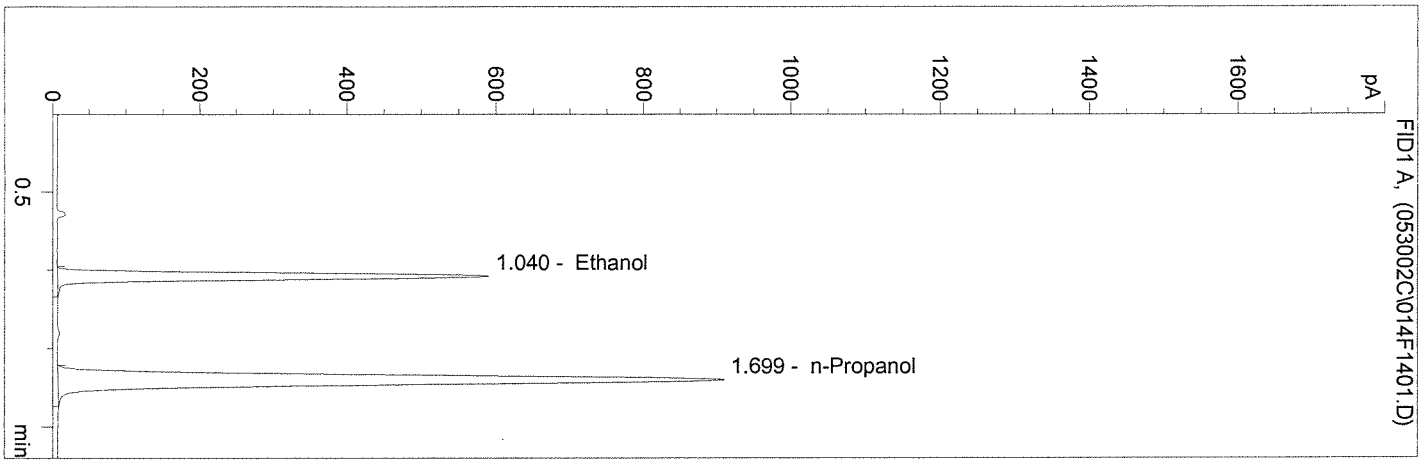
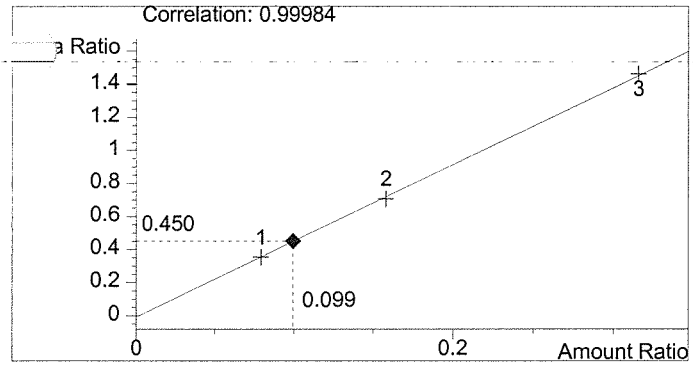
02016 sim soln
m pemberton

vial # 14

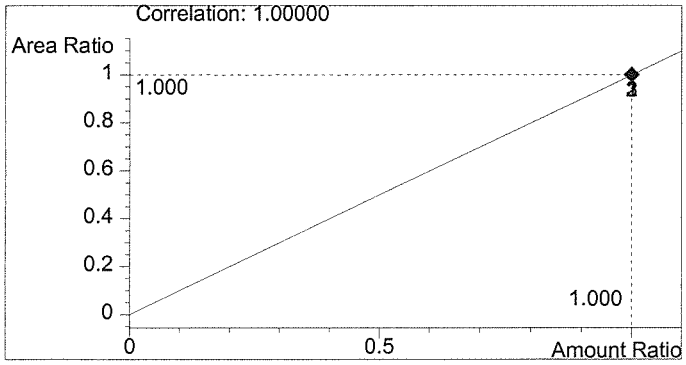


#	Compound	Area	RT
1	Ethanol	1682	1.040
2	n-Propanol	3735	1.699

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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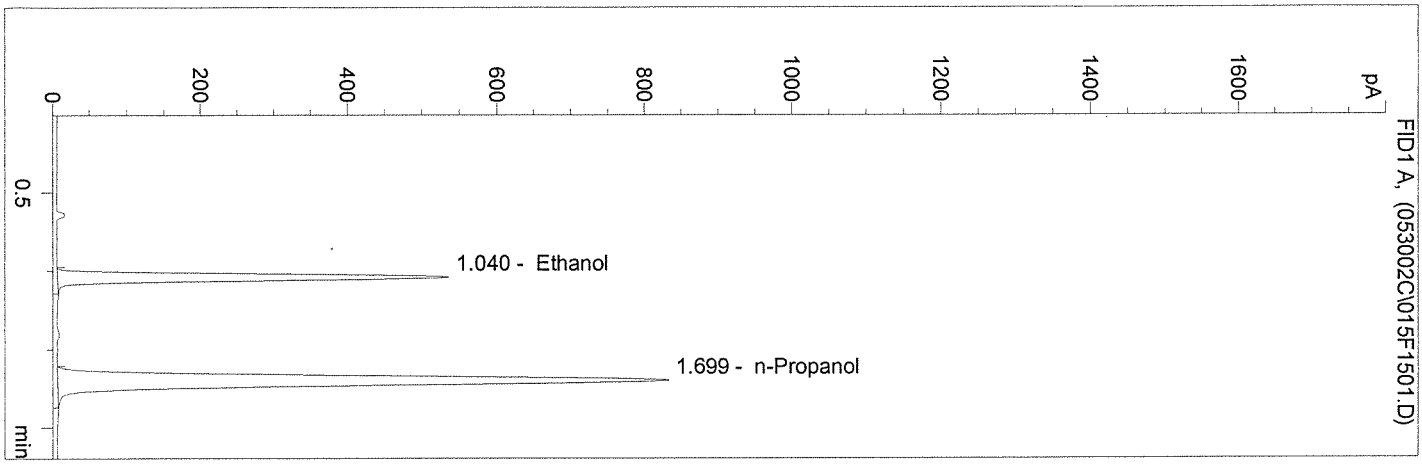
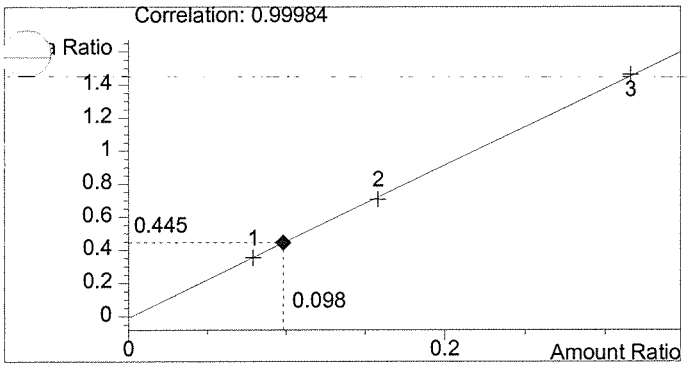
02016 sim soln
m pemberton

vial # 15

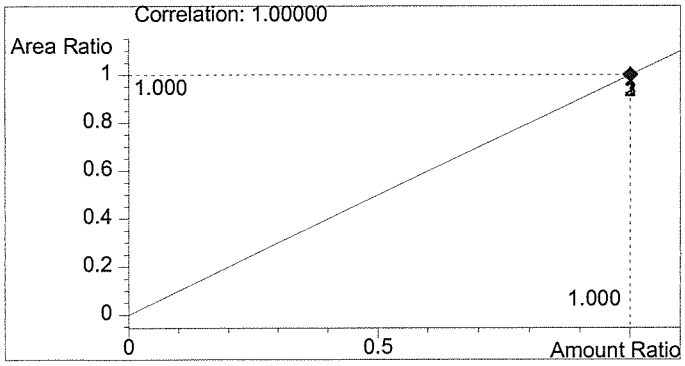


#	Compound	Area	RT
1	Ethanol	1518	1.040
2	n-Propanol	3416	1.699

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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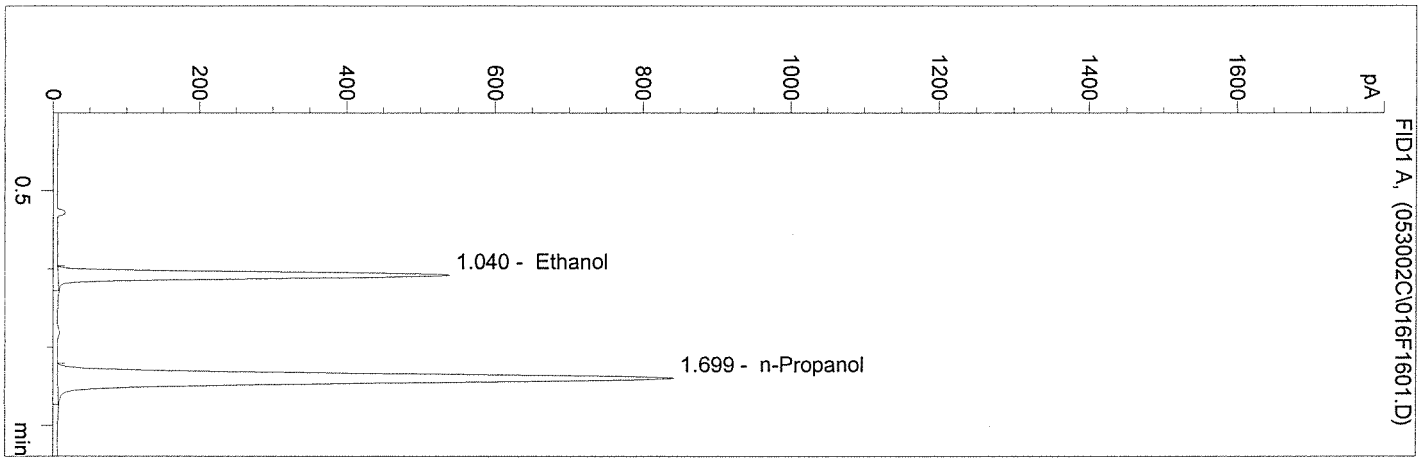
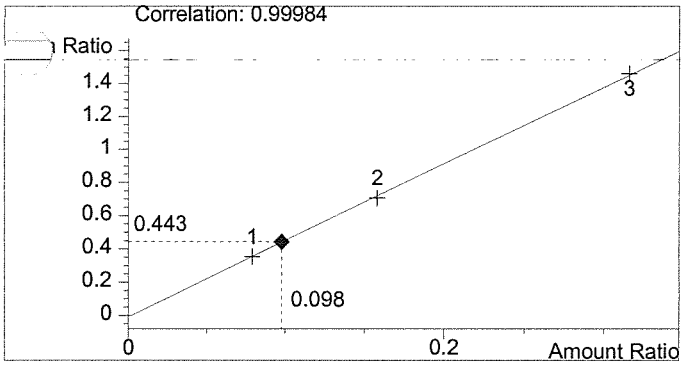
02016 sim soln
m pemberton

vial # 16

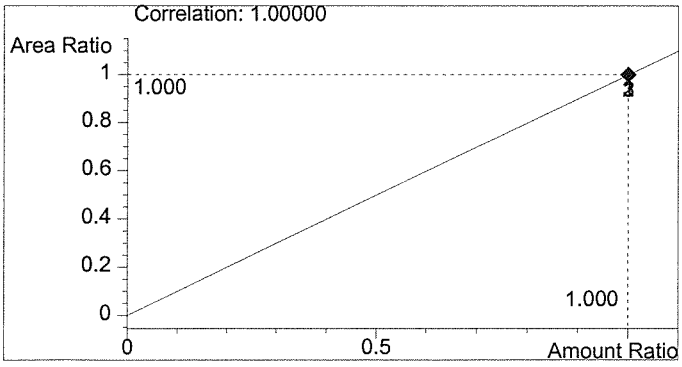


#	Compound	Area	RT
1	Ethanol	1532	1.040
2	n-Propanol	3458	1.699

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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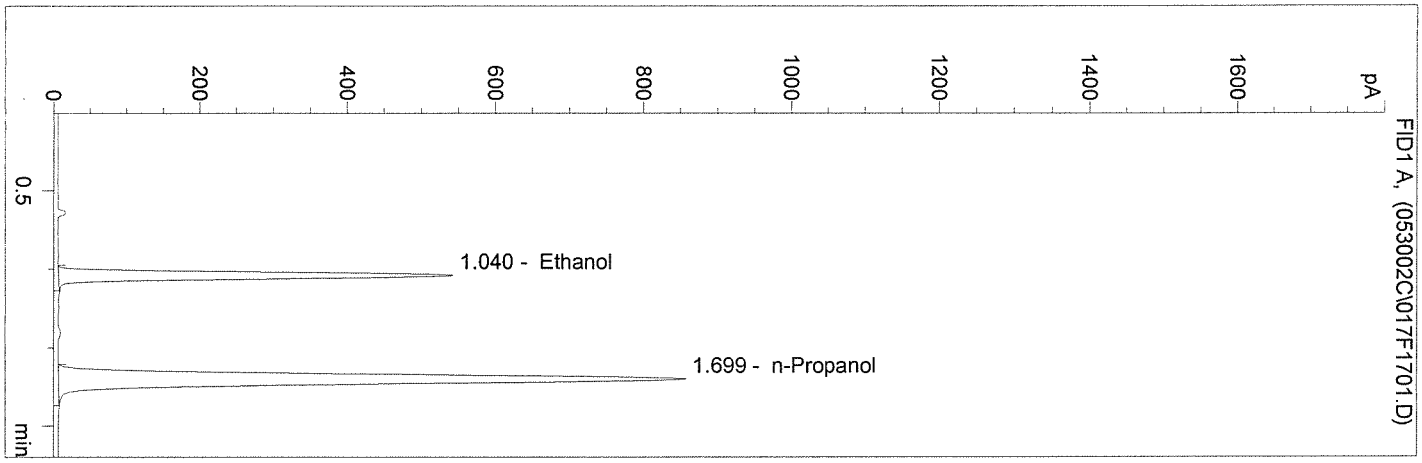
Instrument 1
-ALC1

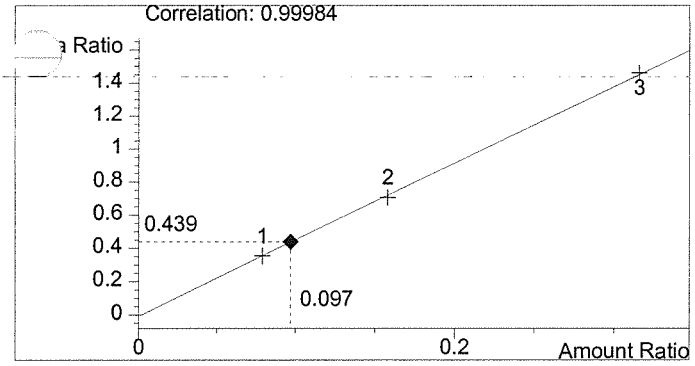
0.100 cap
m pemberton

vial # 17

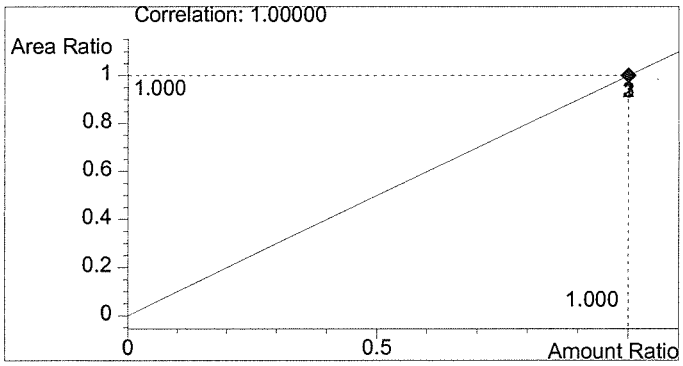


#	Compound	Area	RT
1	Ethanol	1542	1.040
2	n-Propanol	3511	1.699

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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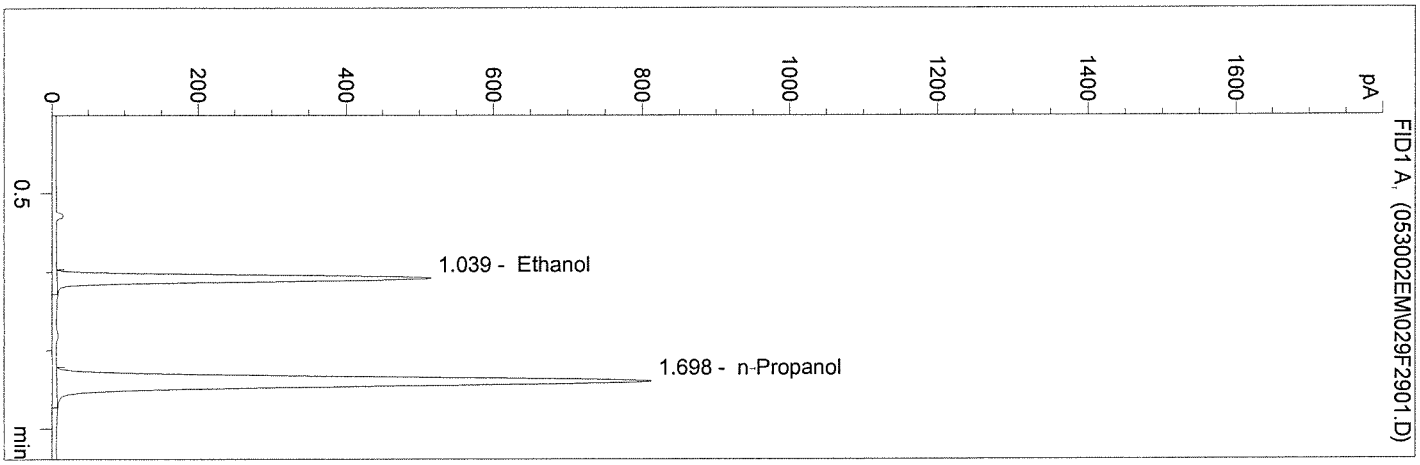
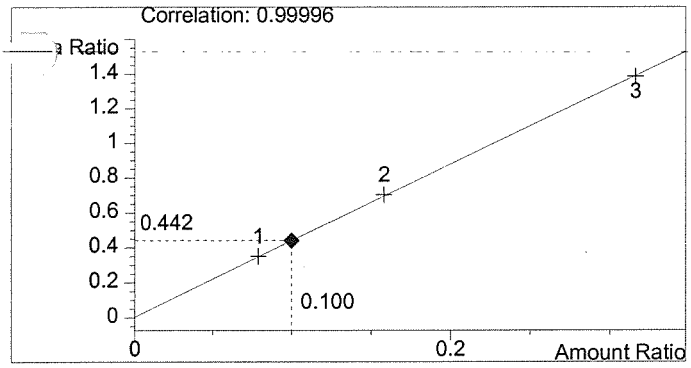
Sim. Sol. 02016
Estuardo J. Miranda

vial # 29

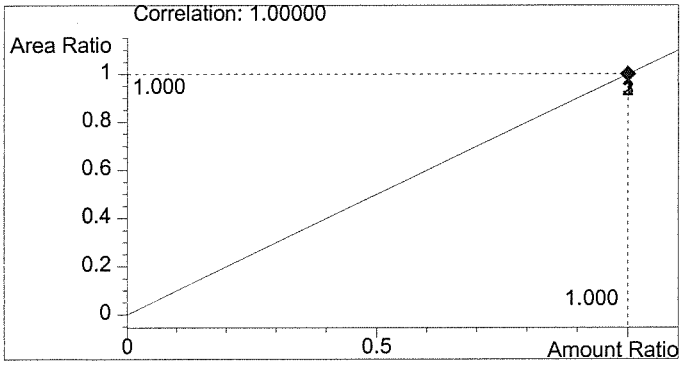


#	Compound	Area	RT
1	Ethanol	1481	1.039
2	n-Propanol	3348	1.698

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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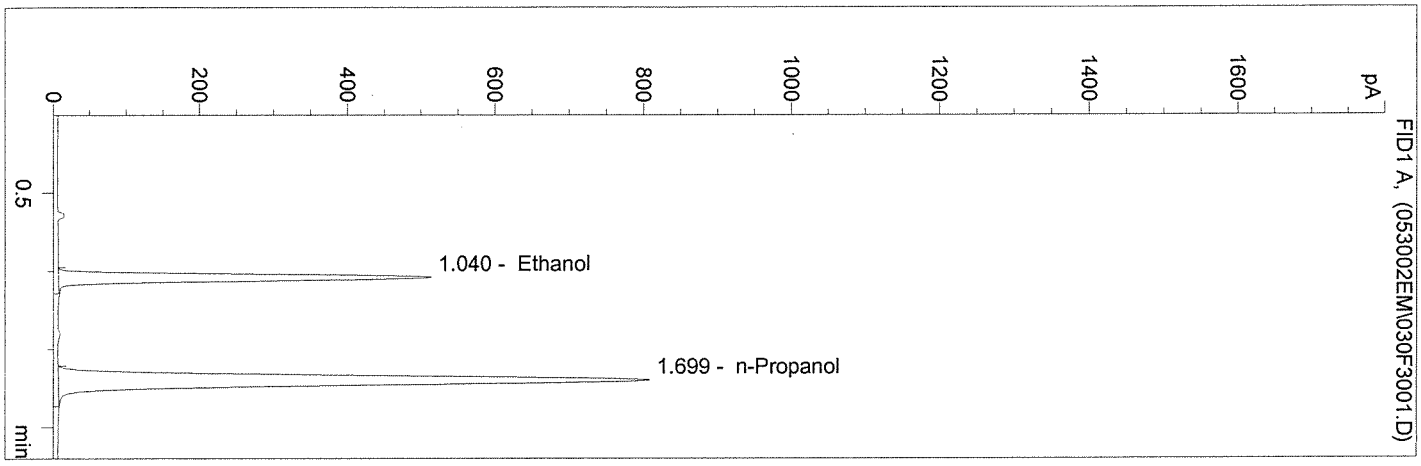
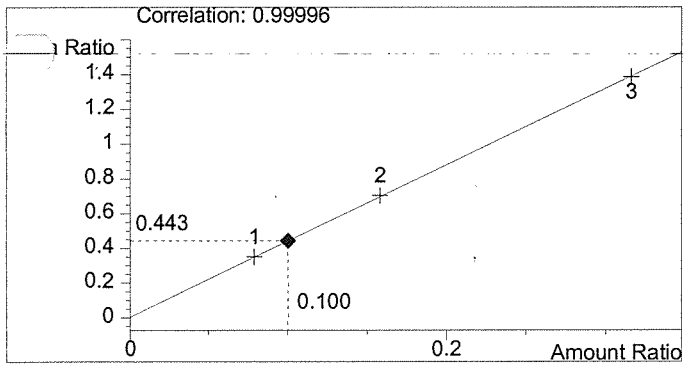
Sim. Sol. 02016
Estuardo J. Miranda

vial # 30

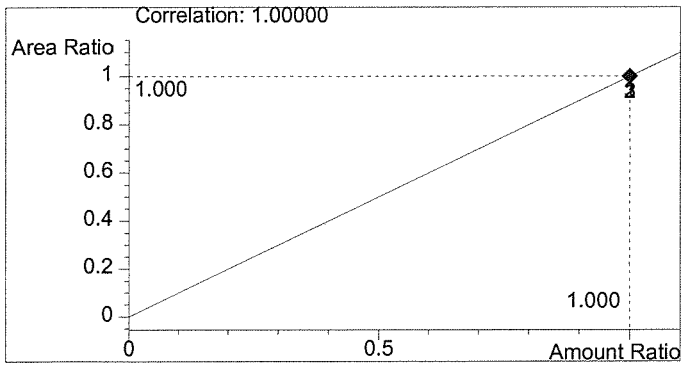


#	Compound	Area	RT
1	Ethanol	1474	1.040
2	n-Propanol	3325	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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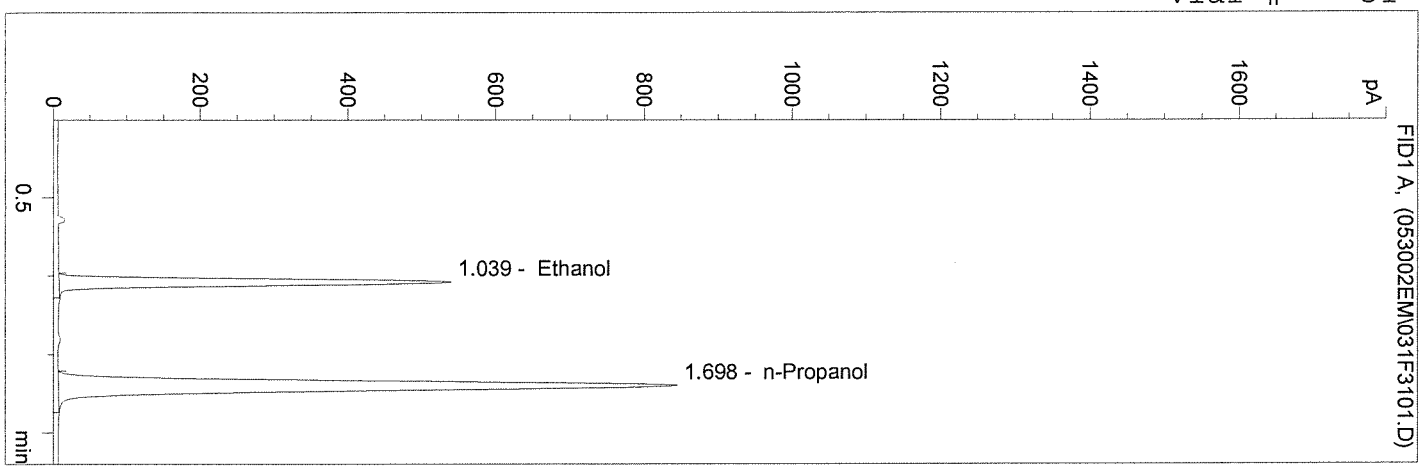
Instrument 1
-ALC1

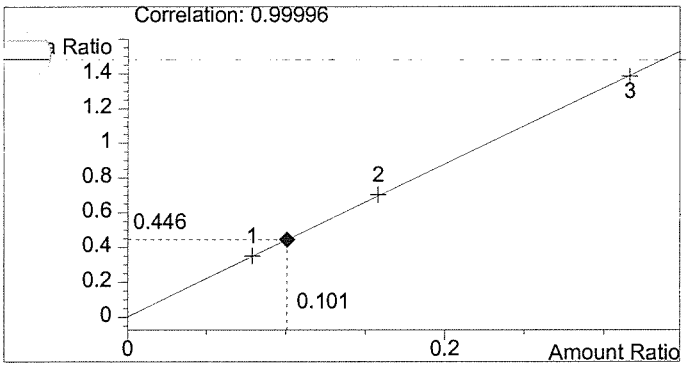
Sim. Sol. 02016
Estuardo J. Miranda

vial # 31

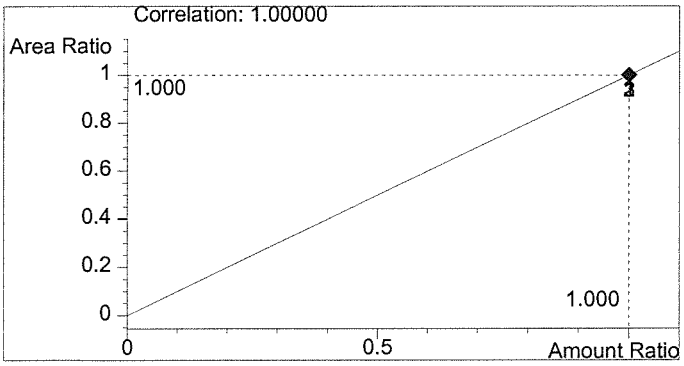


#	Compound	Area	RT
1	Ethanol	1548	1.039
2	n-Propanol	3470	1.698

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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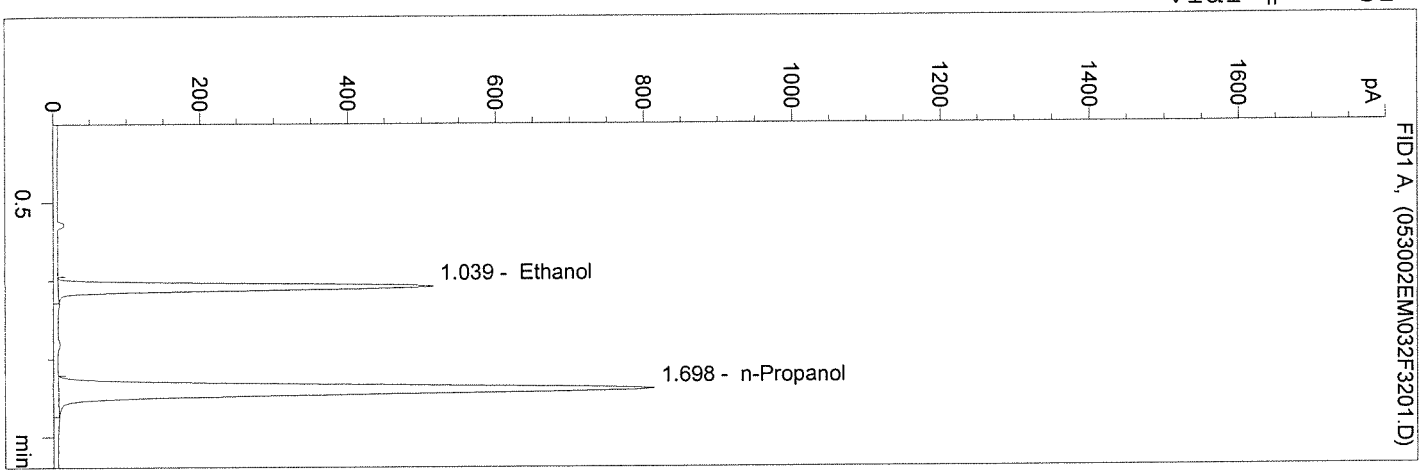
Instrument 1
-ALC1

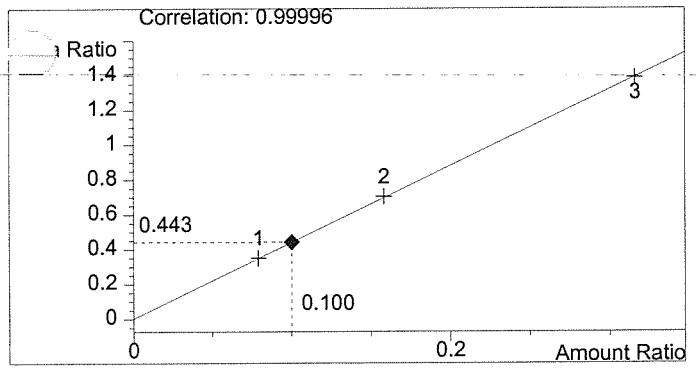
Sim. Sol. 02016
Estuardo J. Miranda

vial # 32

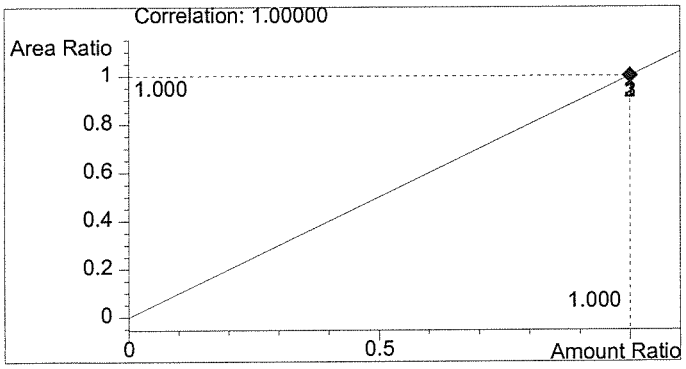


#	Compound	Area	RT
1	Ethanol	1484	1.039
2	n-Propanol	3348	1.698

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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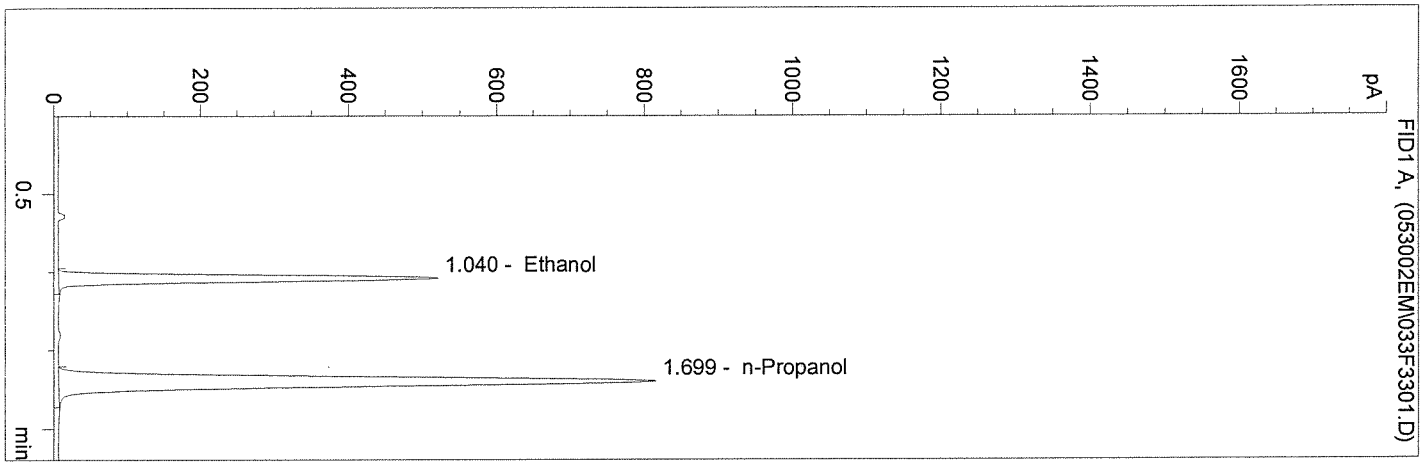
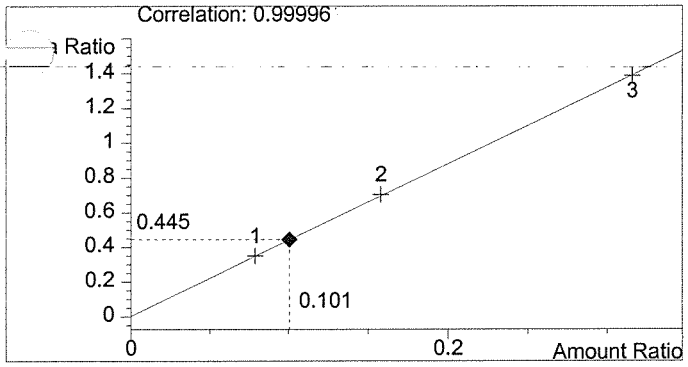
Instrument 1
-ALC1

Sim. Sol. 02016
Estuardo J. Miranda

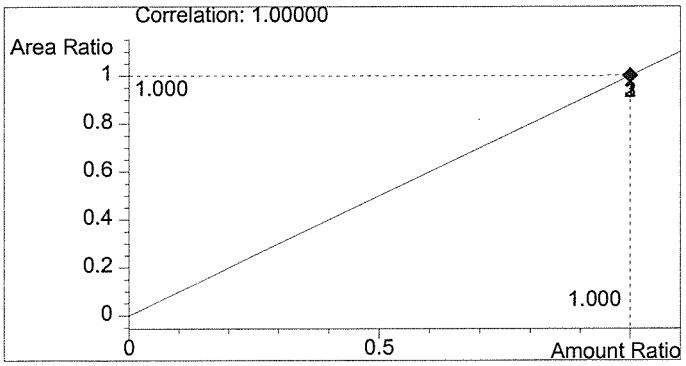
vial # 33



#	Compound	Area	RT
1	Ethanol	1498	1.040
2	n-Propanol	3368	1.699
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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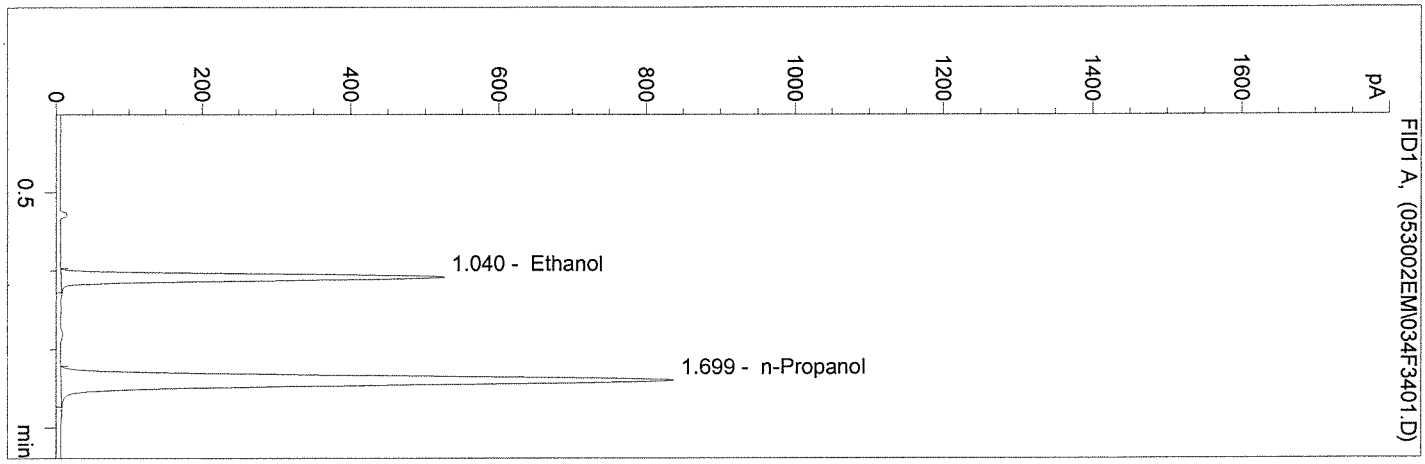
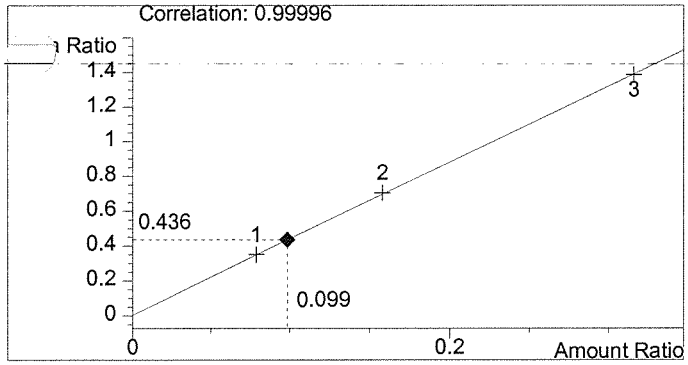
0.100 Control
Estuardo J. Miranda

vial # 34

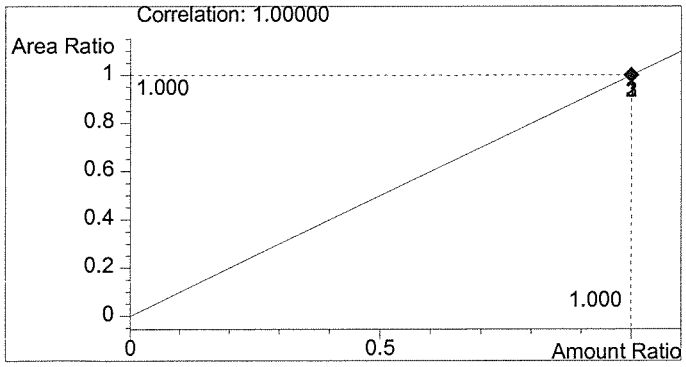


#	Compound	Area	RT
1	Ethanol	1499	1.040
2	n-Propanol	3438	1.699

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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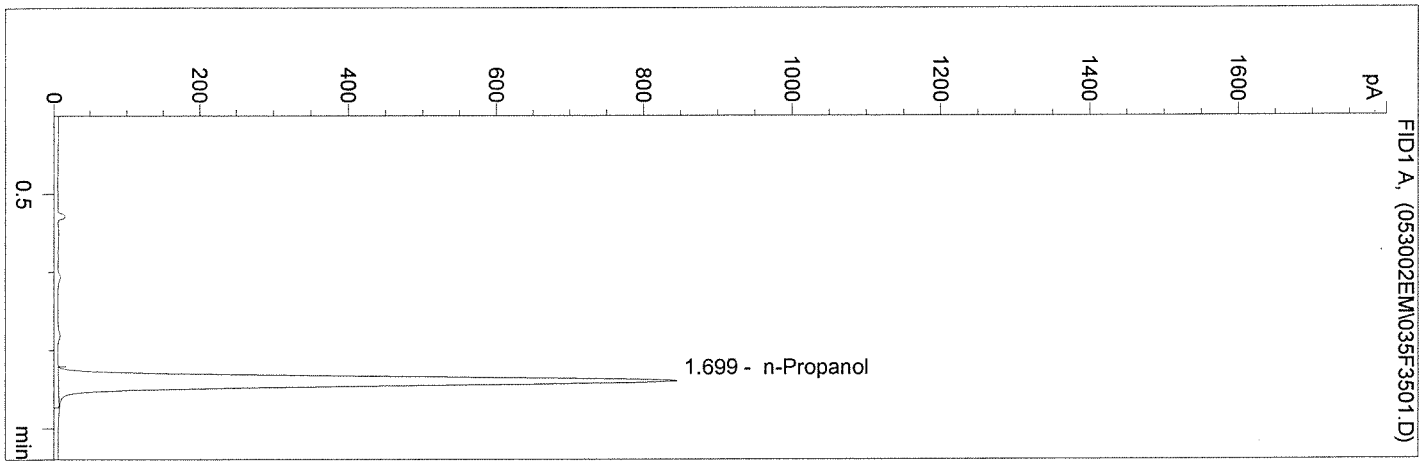
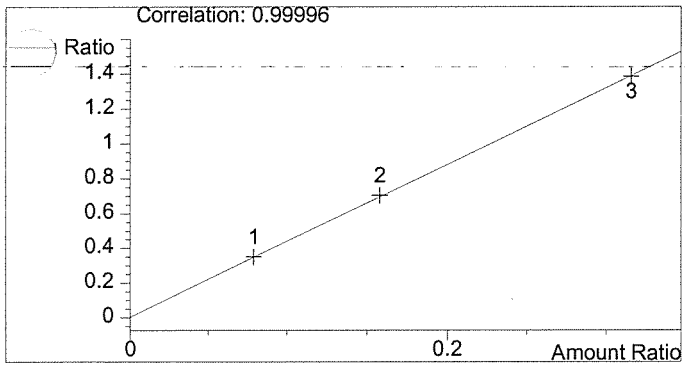
Estuardo J. Miranda

vial # 35

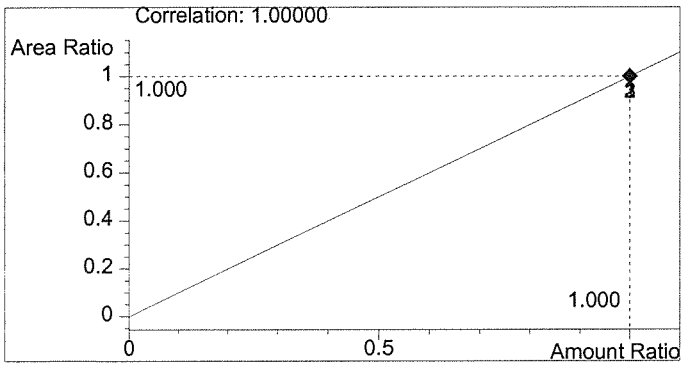


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3484	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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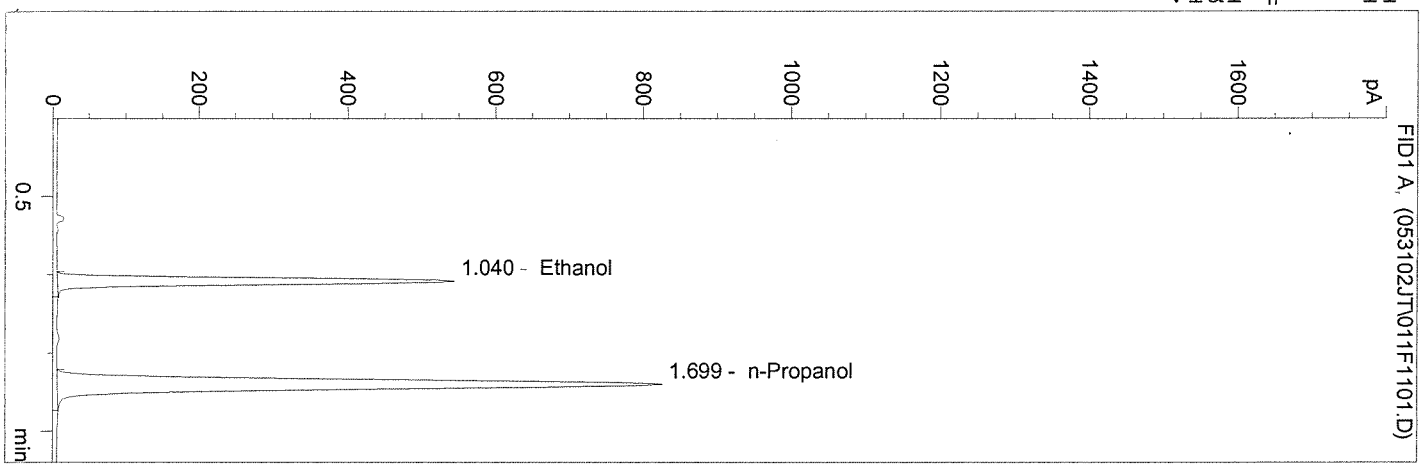
Instrument 1
ALC1

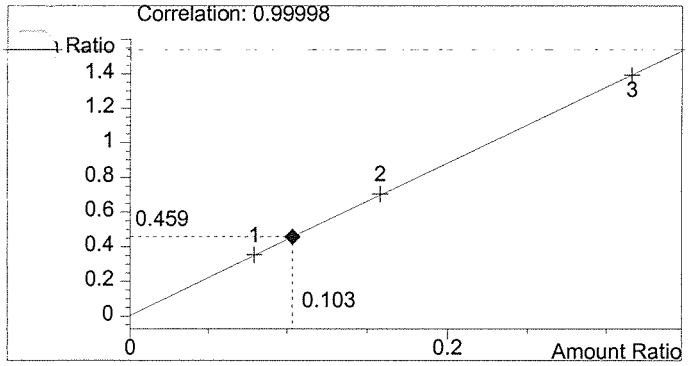
BATCH 02016
Jayne Thatcher

vial # 11

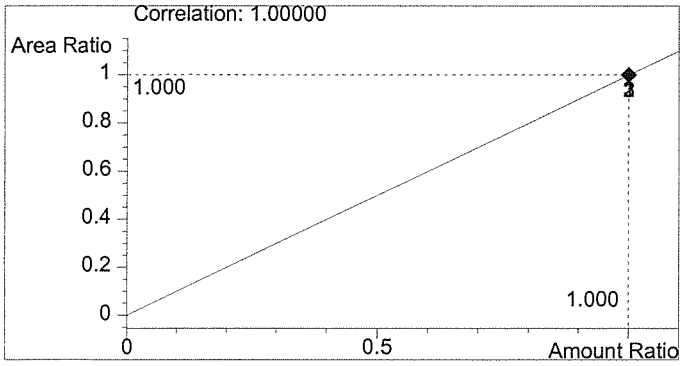


#	Compound	Area	RT
1	Ethanol	1565	1.040
2	n-Propanol	3407	1.699

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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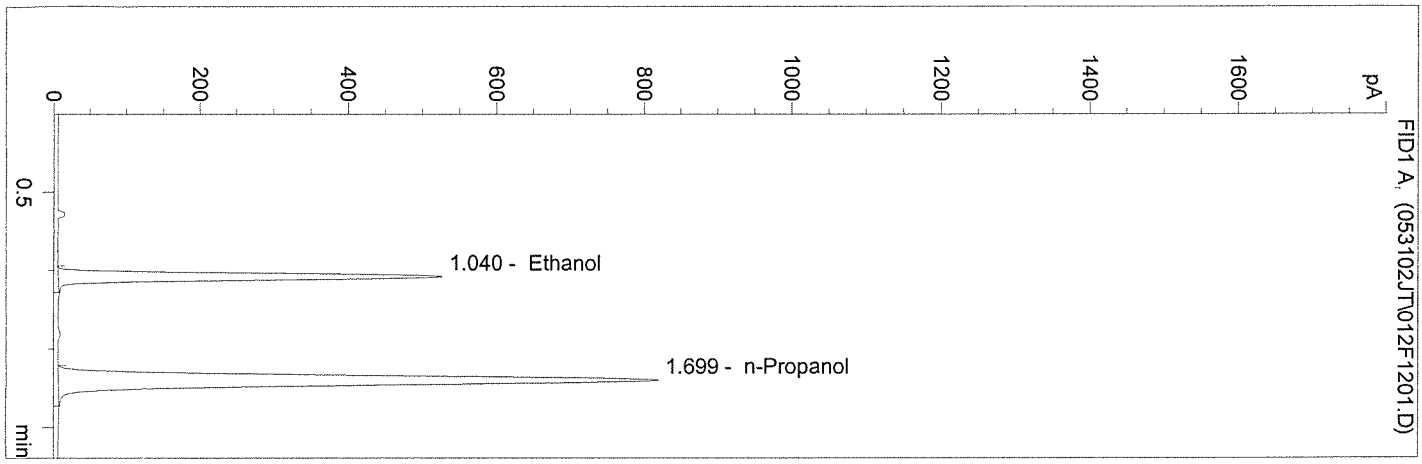
Instrument 1
-ALC1

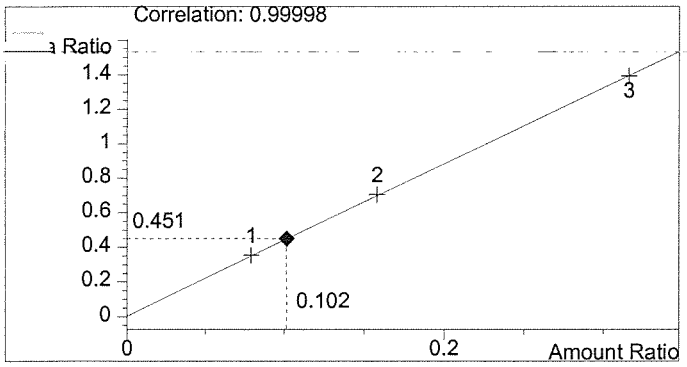
BATCH 02016
Jayne Thatcher

vial # 12

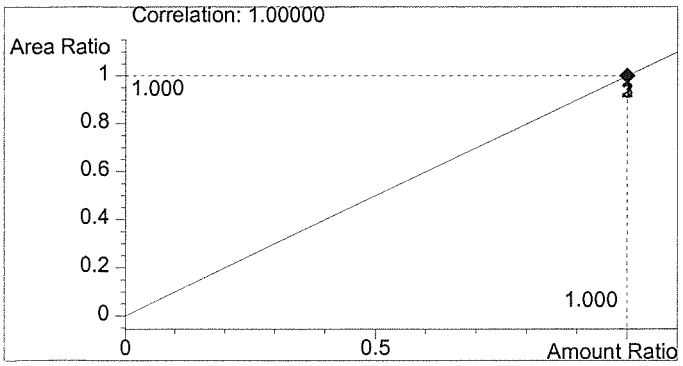


#	Compound	Area	RT
1	Ethanol	1524	1.040
2	n-Propanol	3376	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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BATCH 02016
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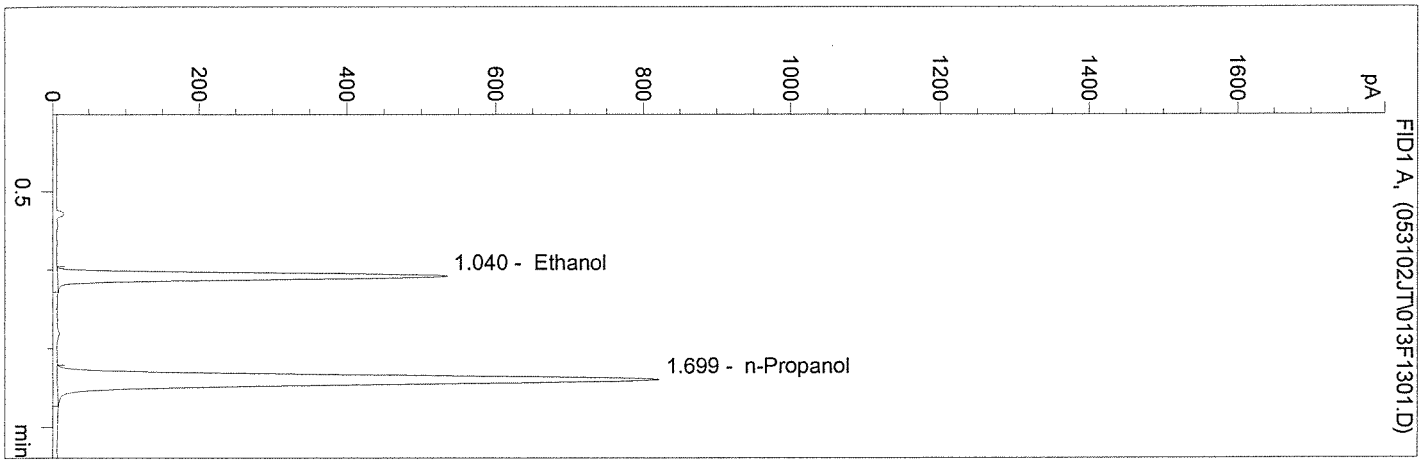
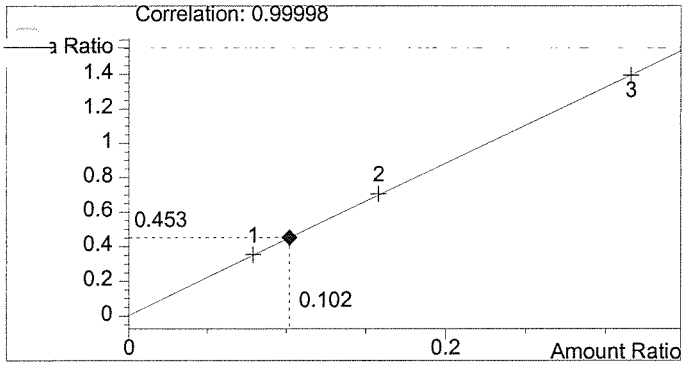
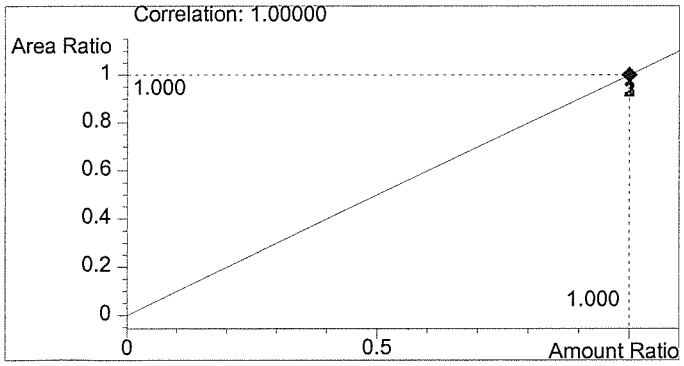
vial # 13



#	Compound	Area	RT
1	Ethanol	1532	1.040
2	n-Propanol	3381	1.699
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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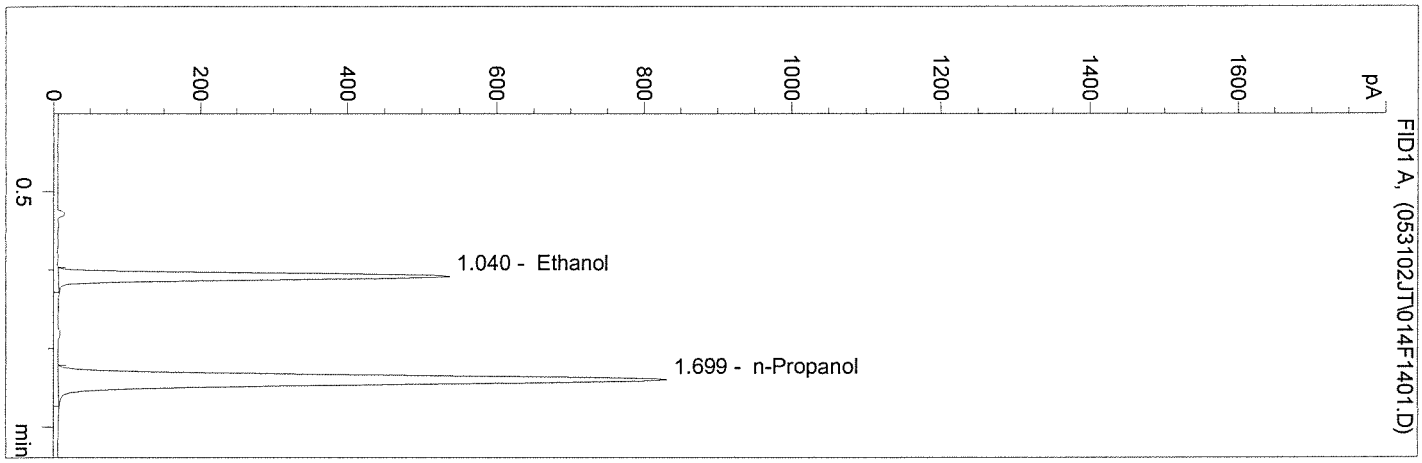
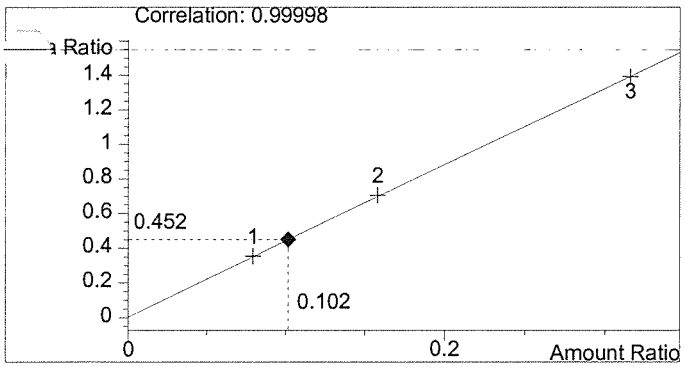
Jayne Thatcher

vial # 14

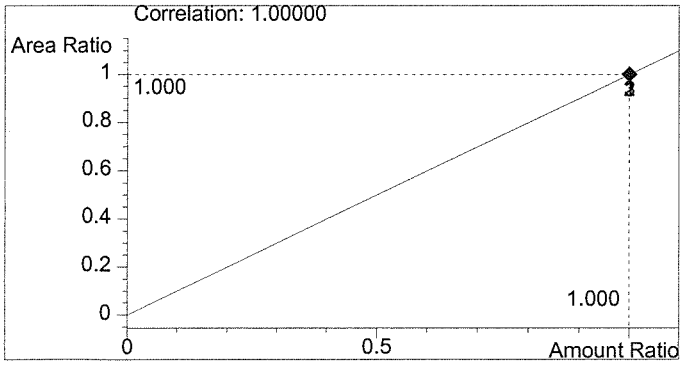


#	Compound	Area	RT
1	Ethanol	1547	1.040
2	n-Propanol	3426	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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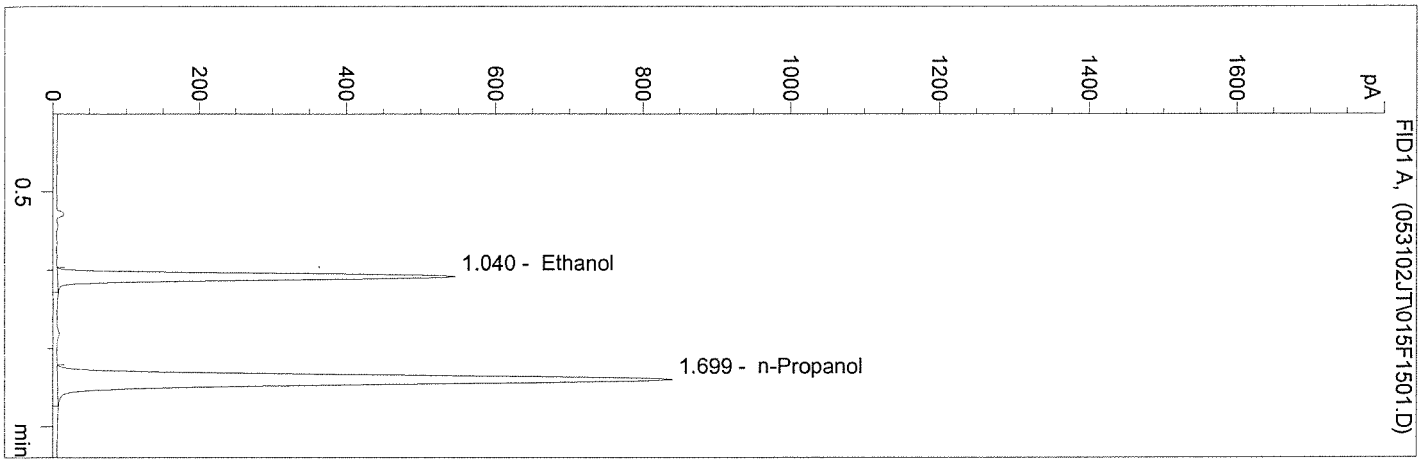
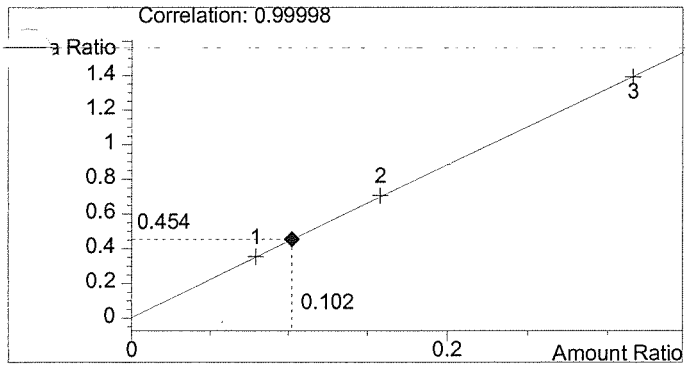
BATCH 02016
Jayne Thatcher

vial # 15

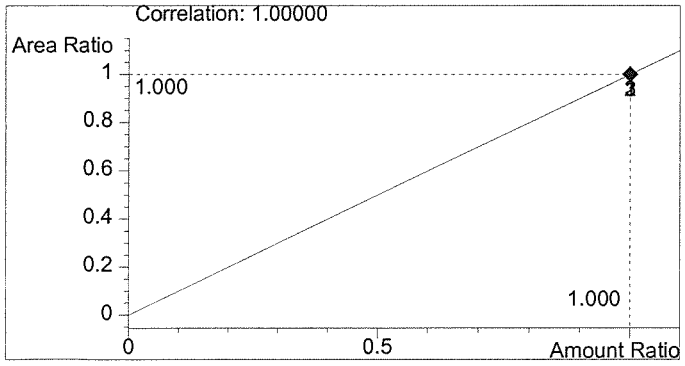


#	Compound	Area	RT
1	Ethanol	1563	1.040
2	n-Propanol	3445	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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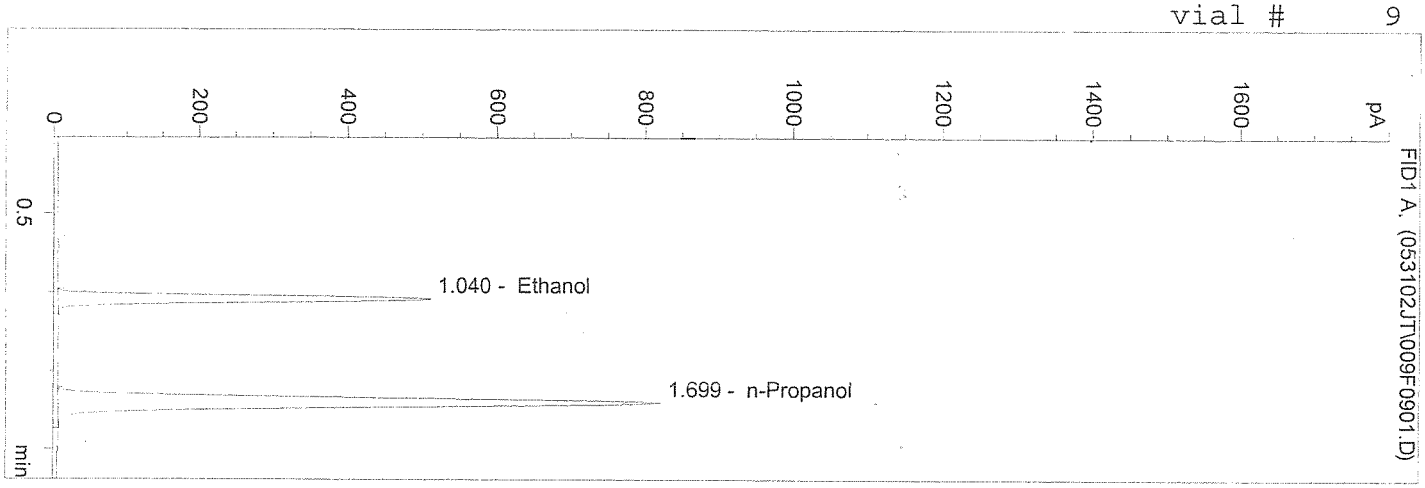
Instrument 1
DB-ALC1

Start CH.

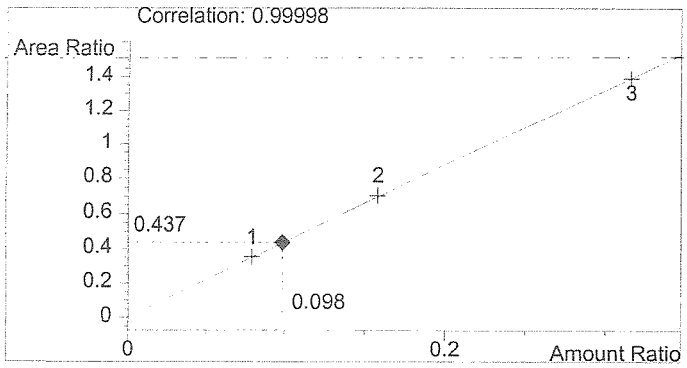
0.10 CONTROL
Jayne Thatcher

vial # 9

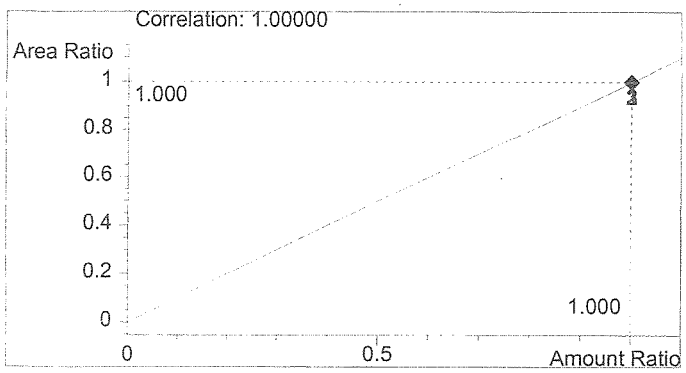


#	Compound	Area	RT
1	Ethanol	1482	1.040
2	n-Propanol	3389	1.699

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
DB-ALC1

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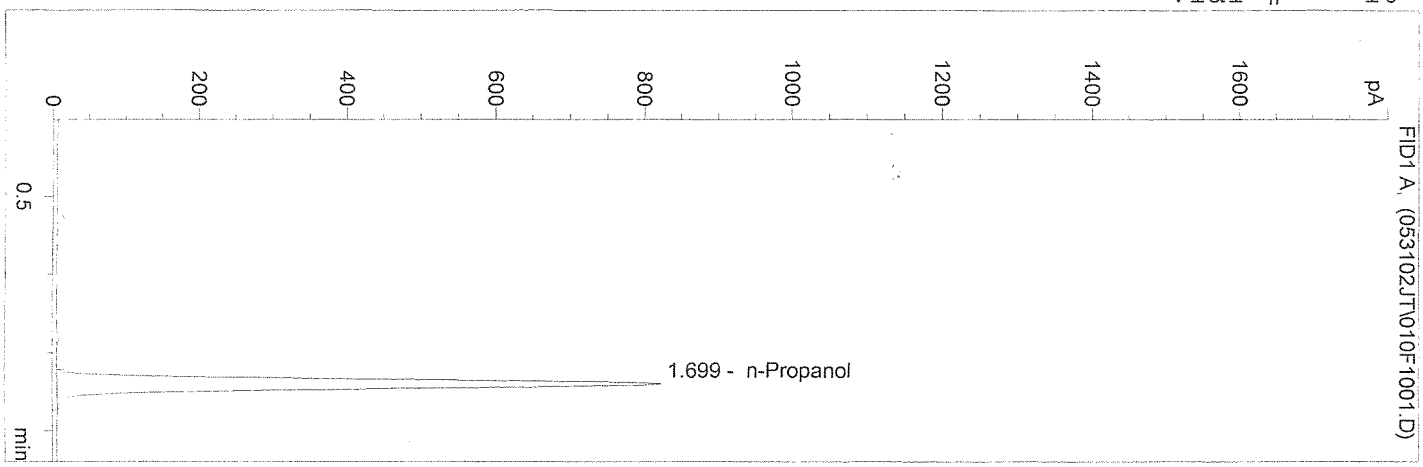
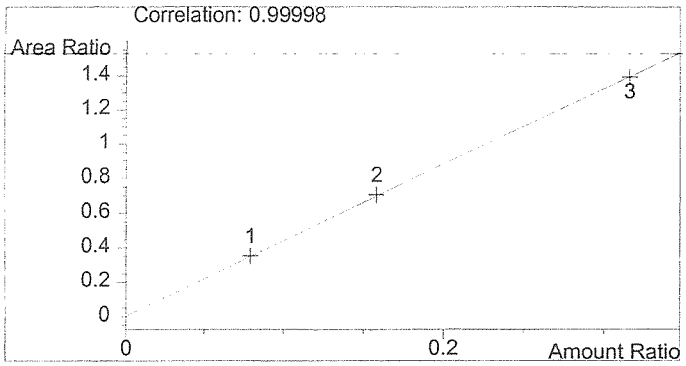
Jayne Thatcher

vial # 10

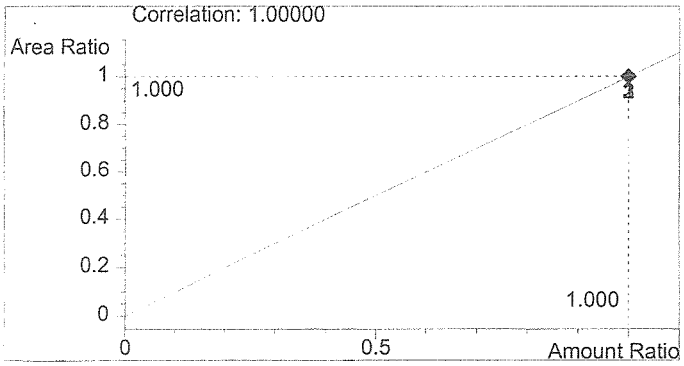


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3387	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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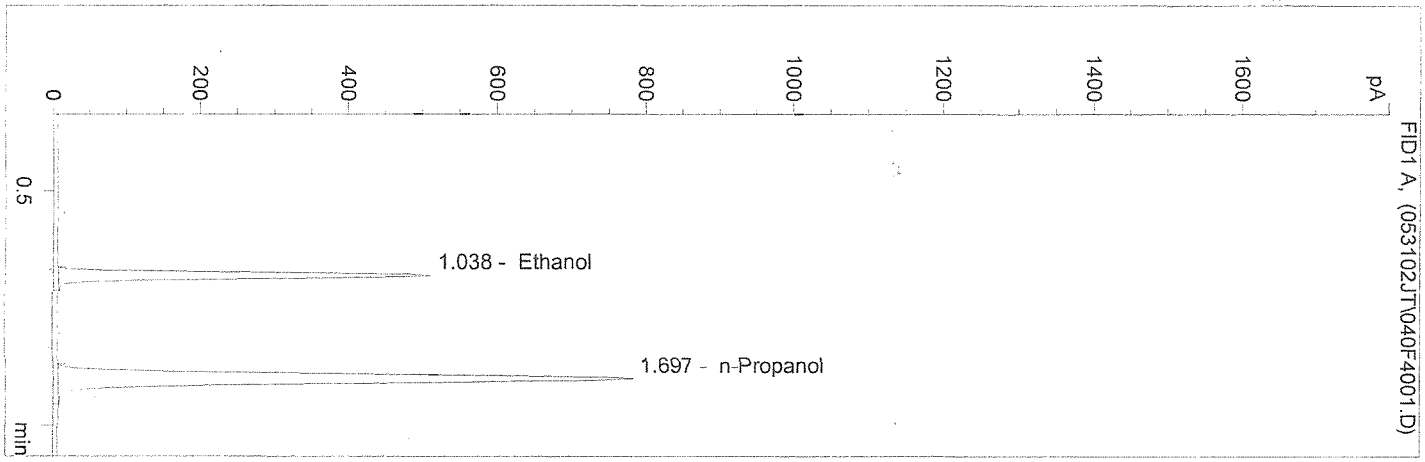
Instrument 1
DB-ALC1

End CH.

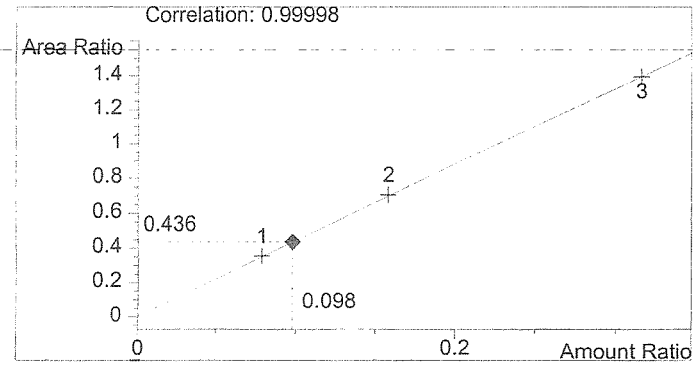
0.10 CONTROL
Jayne Thatcher

vial # 40

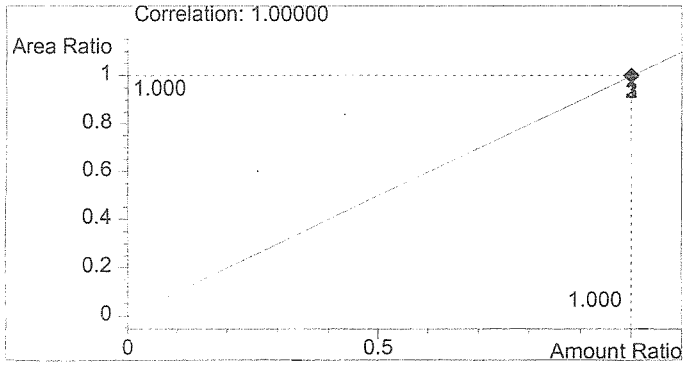


#	Compound	Area	RT
1	Ethanol	1372	1.038
2	n-Propanol	3143	1.697

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml