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 **0.04** g/210L **Quality Assurance solution**

Batch number **02031** Date: 8/20/2002

Preparation: 11.1 mL of absolute ethyl alcohol diluted to 18 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	0.049	0.049	0.049									
2	0.049	0.049	0.050									
3	0.049	0.049	0.050									
4	0.049	0.049	0.050									
5	0.049	0.049	0.050									
Ctrl	0.099	0.097	0.099									

External Control:

Lot #: a021986 Exp date: 01/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0493 g/100 mL

SD: 0.00046

Range (3xSD): 0.0479 to 0.0506

Precision CV (%): 0.9291 %

Equivalent vapor concent.: 0.0401 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso	E. Formoso	08/20/02
2	Melissa Pemberton	Melissa L Pemberton	08/20/02
3	Jayne Thatcher	Jayne E. Thatcher	08/21/02
4			
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12			

Prepared by: Edward Formoso according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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: B.S. degree in Chemistry and twenty-seven years experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02031, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0493 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 testing instrument.

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

The simulator solution, Lot Number 02031 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0493 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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: B.S. degree in Cell and Molecular Biology and two years experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02031, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0493 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Jayne E. Thatcher
Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTQA

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Preparation and certification of **0.08** g/210L **Quality Assurance solution**

Batch number **02032** Date: 8/20/2002

Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 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	0.097	0.095	0.097									
2	0.097	0.096	0.099									
3	0.097	0.095	0.098									
4	0.097	0.095	0.099									
5	0.097	0.096	0.099									
Ctrl	0.099	0.097	0.099									

External Control:

Lot #: a021986 Exp date: 01/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0969 g/100 mL

SD: 0.00139

Range (3xSD): 0.0928 to 0.1011

Precision CV (%): 1.4309 %

Equivalent vapor concent.: 0.0788 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso	E J Formoso	08/20/02
2	Melissa Pemberton	Melissa L Pemberton	08/20/02
3	Jayne Thatcher	Jayne E. Thatcher	08/21/02
4			
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6			
7			
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9			
10			
11			
12			

Prepared by: Edward Formoso according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 testing instrument.

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

The simulator solution, Lot Number 02032 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0969 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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: B.S. degree in Chemistry and twenty-seven years experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02032, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0969 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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: B.S. degree in Cell and Molecular Biology and two years experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02032, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0969 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTQA

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Preparation and certification of **0.15** g/210L **Quality Assurance solution**

Batch number **02033** Date: 8/20/2002

Preparation: 42.3 mL of absolute ethyl alcohol diluted to 18 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	0.184	0.180	0.186									
2	0.186	0.180	0.188									
3	0.186	0.180	0.188									
4	0.186	0.180	0.187									
5	0.185	0.181	0.188									
Ctrl	0.100	0.097	0.099									

External Control:

Lot #: a021986 Exp date: 01/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1843 g/100 mL

SD: 0.00322

Range (3xSD): 0.1747 to 0.1940

Precision CV (%): 1.7479 %

Equivalent vapor concent.: 0.1499 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso	E Formoso	08/20/02
2	Melissa Pemberton	Melissa L Pemberton	08/20/02
3	Jayne Thatcher	Jayne E. Thatcher	08/21/02
4			
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11			
12			

Prepared by: Edward Formoso according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 testing instrument.

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

The simulator solution, Lot Number 02033 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1843 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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: B.S. degree in Chemistry and twenty-seven years experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02033, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1843 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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: B.S. degree in Cell and Molecular Biology and two years experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02033, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1843 grams per 100ml.

Dated: 8/26/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTQA

WASHINGTON STATE TOXICOLOGY LABORATORY

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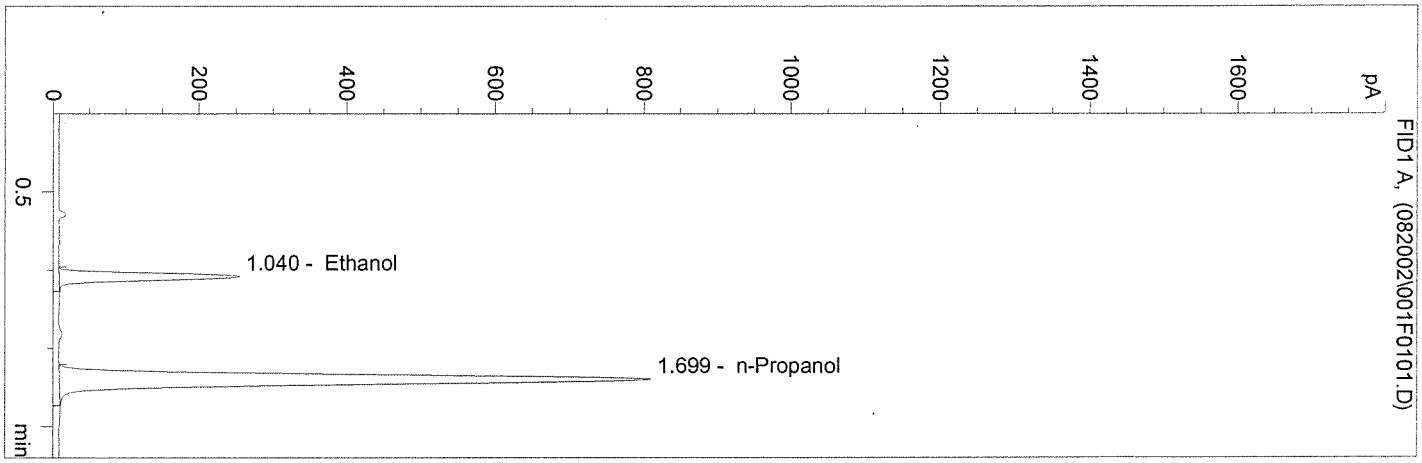
8/20/02 1:46:21 PM
Instrument 1
DB-ALC1

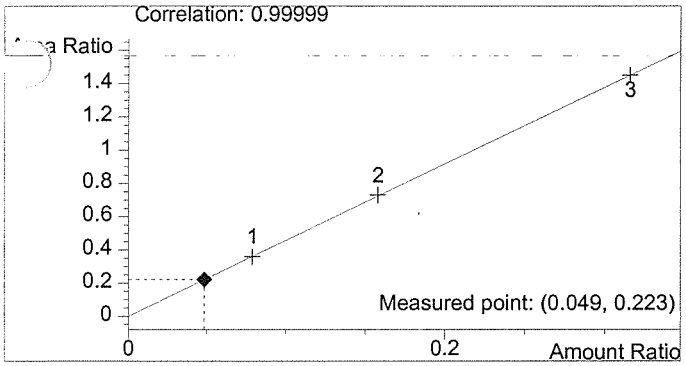
02031 - EF
Q.A. SOLUTION

vial # 1

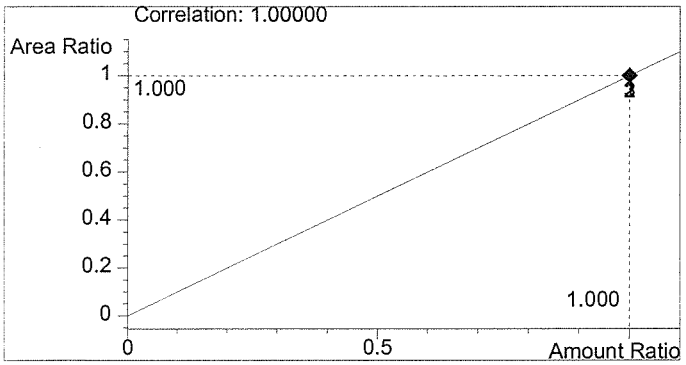


#	Compound	Area	RT
1	Ethanol	753	1.040
2	n-Propanol	3379	1.699

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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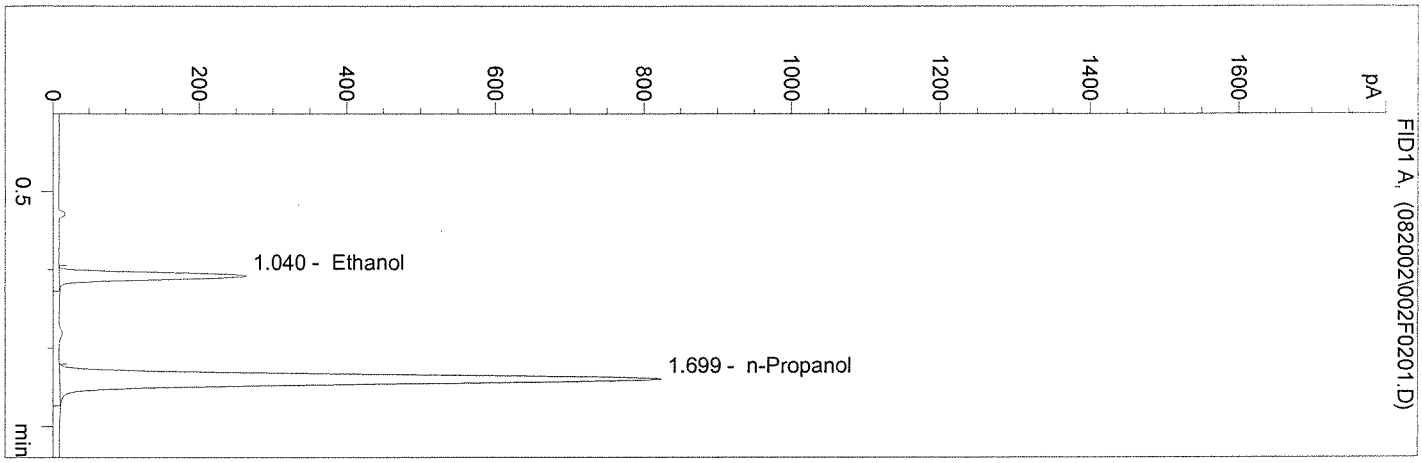
Instrument 1
DB-ALC1

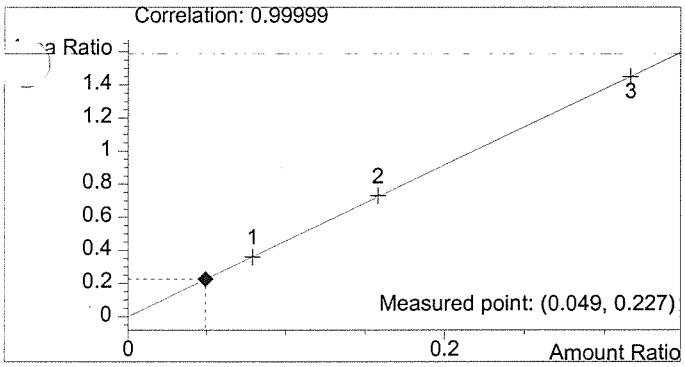
02031 - EF
Q.A. SOLUTION

vial # 2

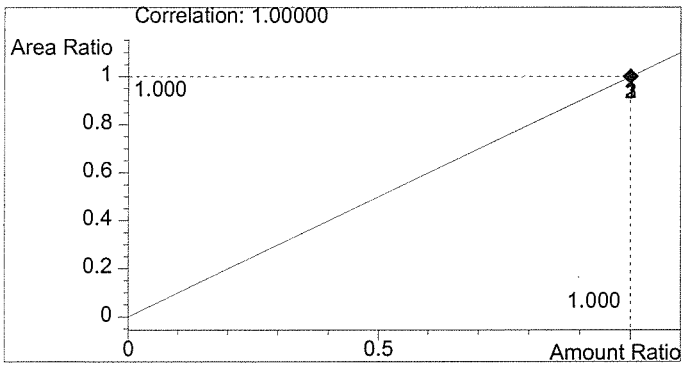


#	Compound	Area	RT
1	Ethanol	776	1.040
2	n-Propanol	3425	1.699

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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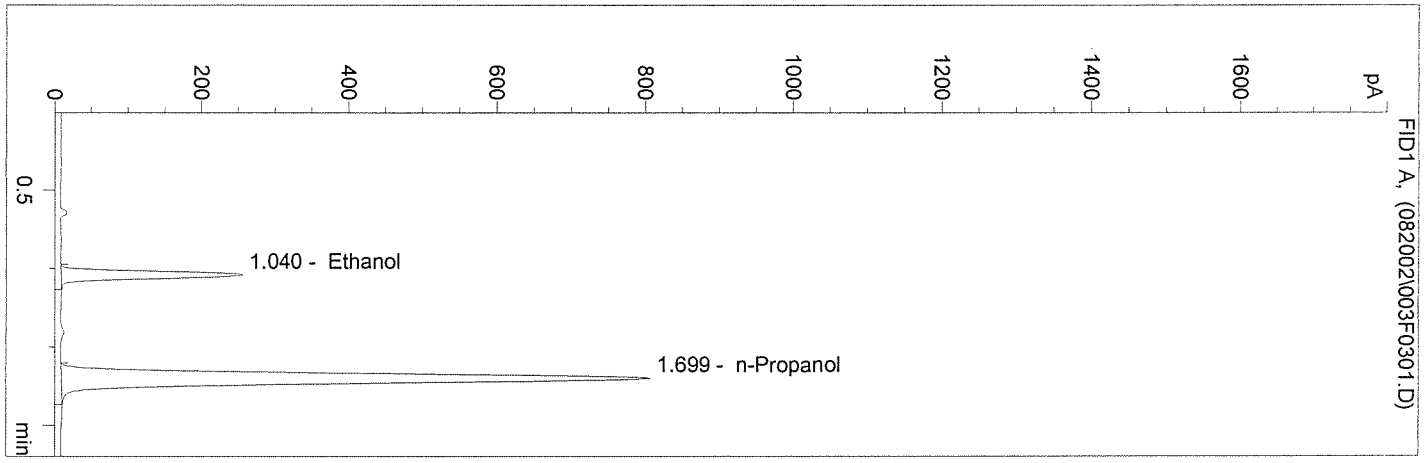
8/20/02 1:52:24 PM
Instrument 1
DB-ALC1

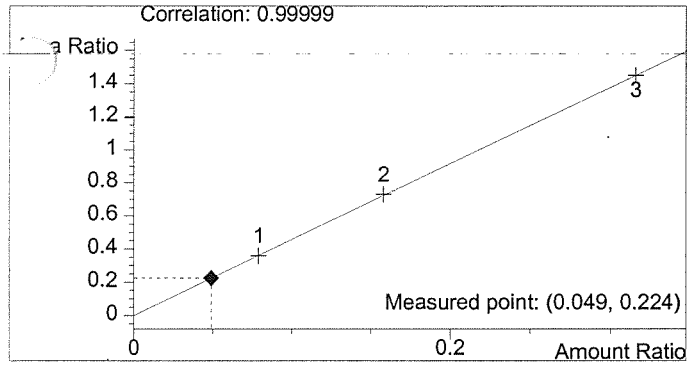
02031 - EF
Q.A. SOLUTION

vial # 3

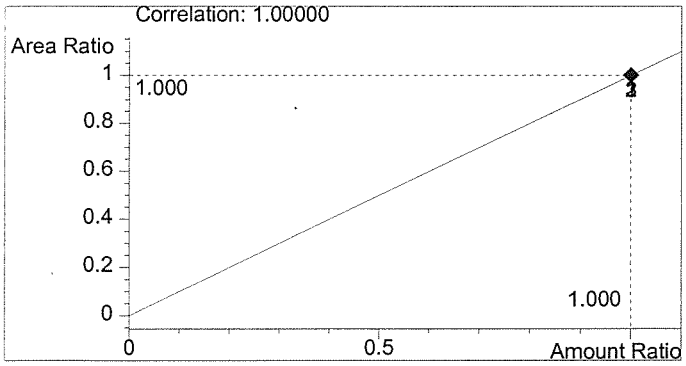


#	Compound	Area	RT
1	Ethanol	754	1.040
2	n-Propanol	3360	1.699

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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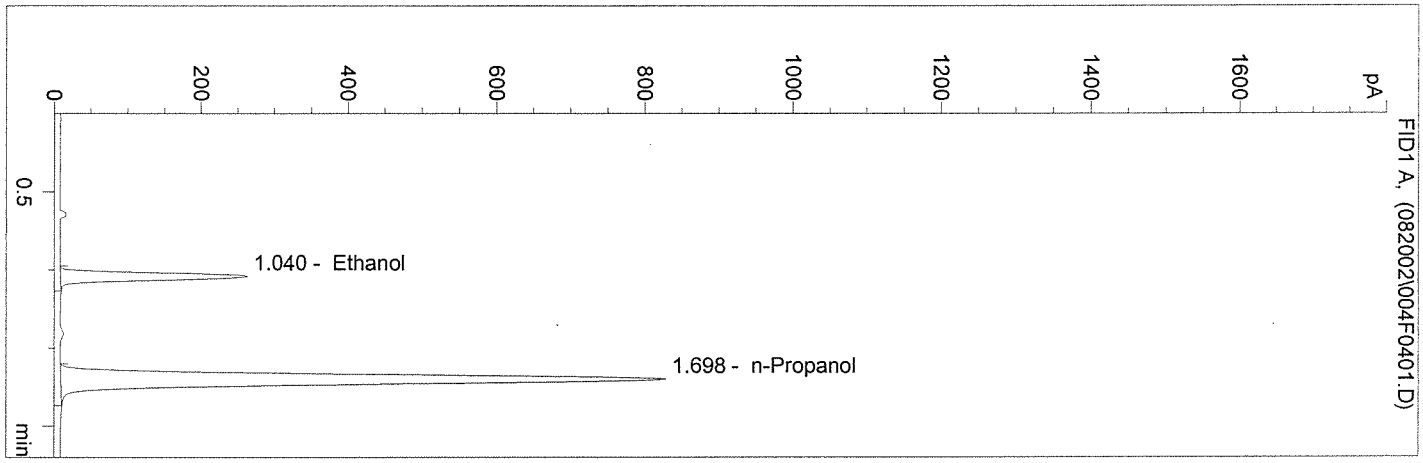
Instrument 1
DB-ALC1

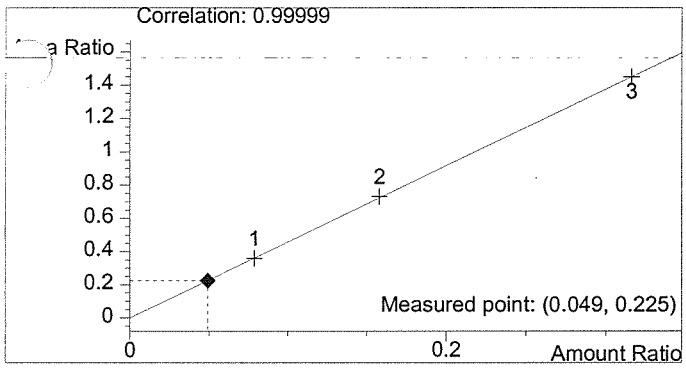
02031 - EF
Q.A. SOLUTION

vial # 4

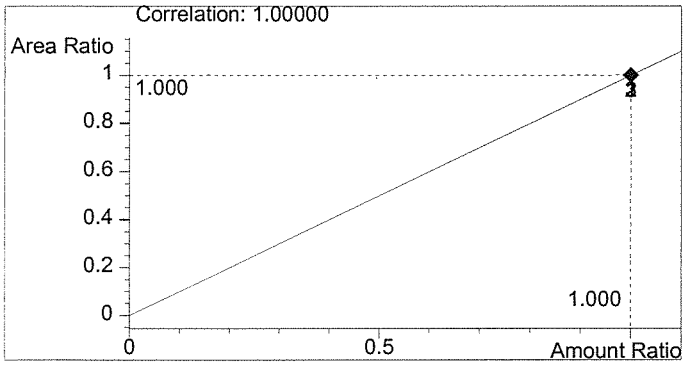


#	Compound	Area	RT
1	Ethanol	777	1.040
2	n-Propanol	3449	1.698

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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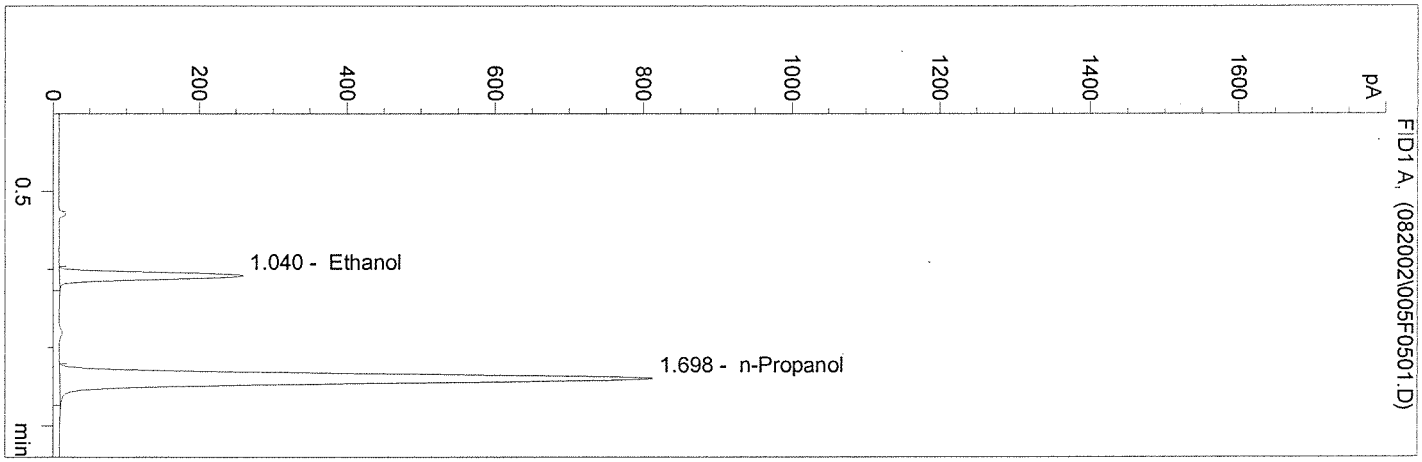
8/20/02 1:58:52 PM
Instrument 1
DB-ALC1

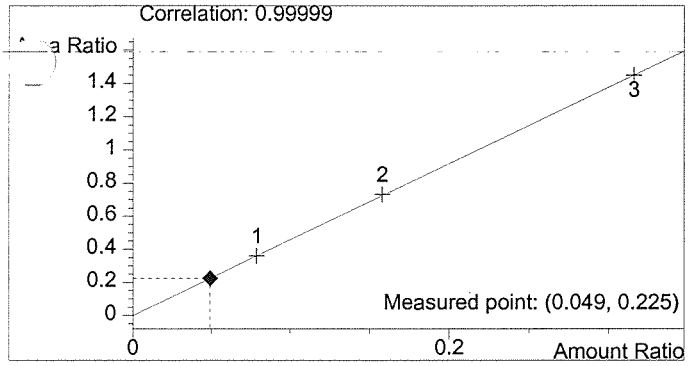
02031 - EF
Q.A. SOLUTION

vial # 5

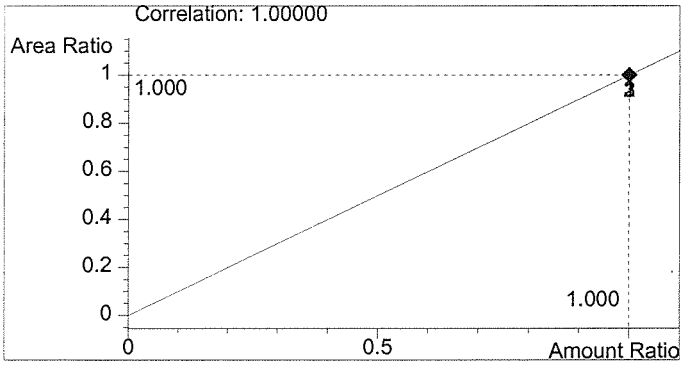


#	Compound	Area	RT
1	Ethanol	761	1.040
2	n-Propanol	3380	1.698

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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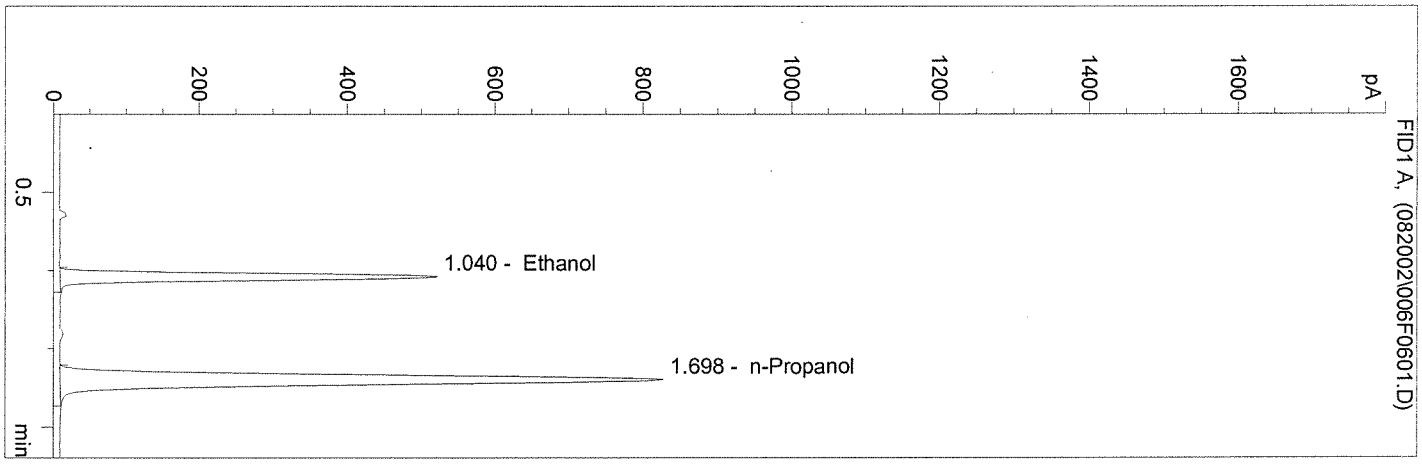
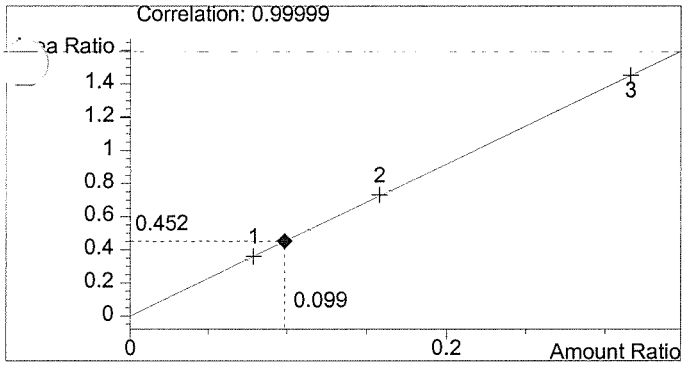
Instrument 1
DB-ALC1

0.10 CONTROL-EF
Q.A. SOLUTION

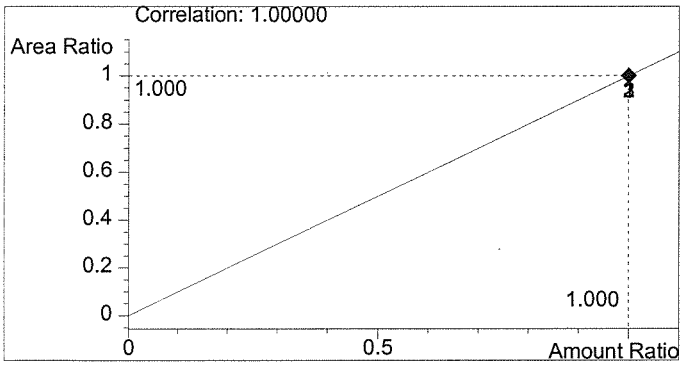
vial # 6



#	Compound	Area	RT
1	Ethanol	1558	1.040
2	n-Propanol	3446	1.698
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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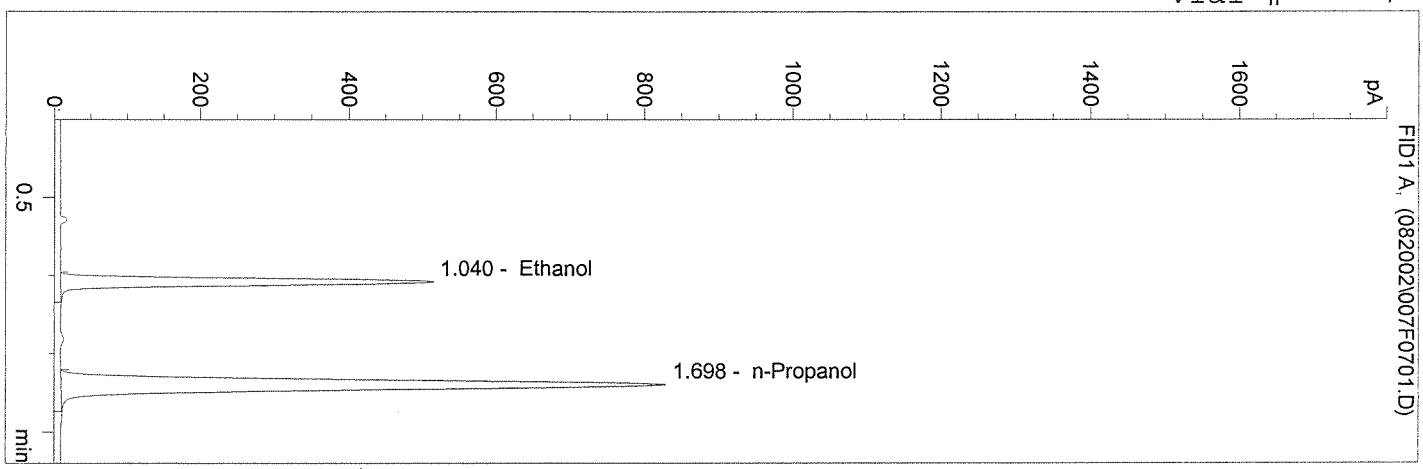
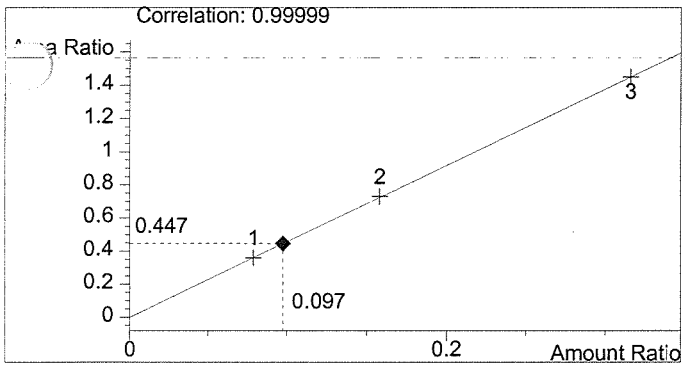
8/20/02 2:04:55 PM
Instrument 1
DB-ALC1

02032 - EF
Q.A. SOLUTION

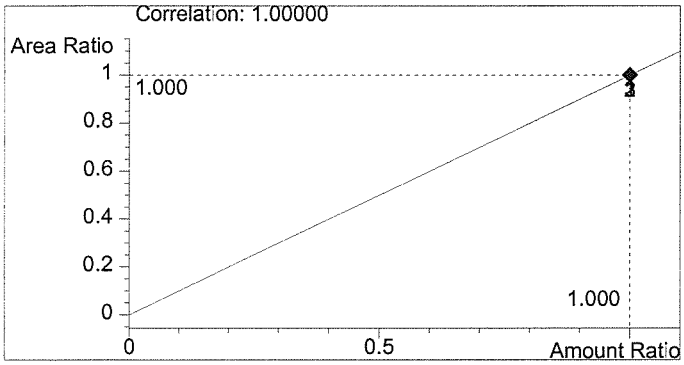
vial # 7



#	Compound	Area	RT
1	Ethanol	1544	1.040
2	n-Propanol	3452	1.698
Totals:			



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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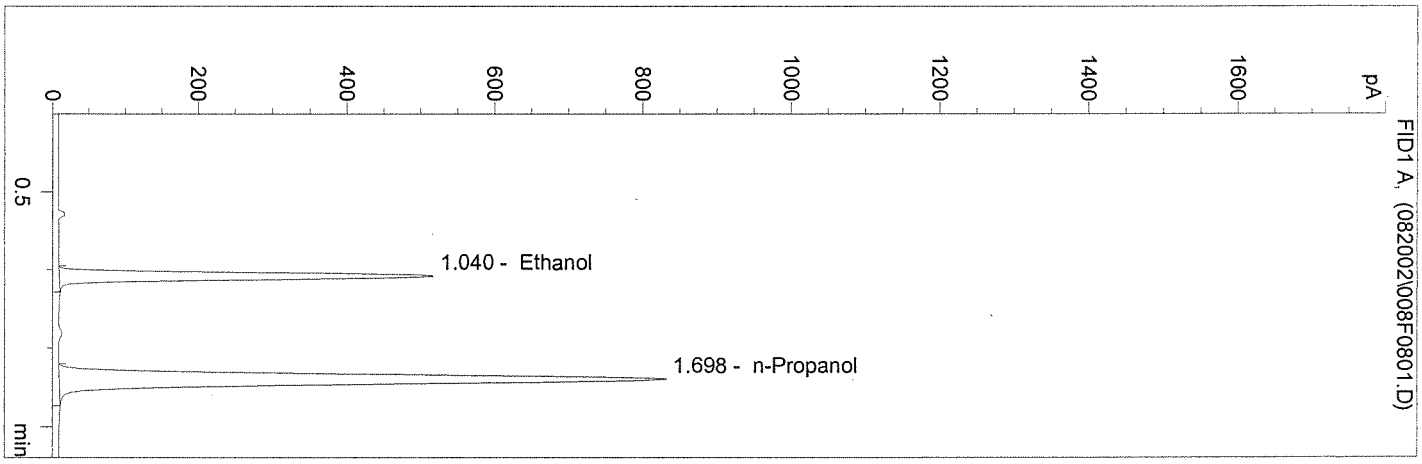
8/20/02 2:07:57 PM
Instrument 1
DB-ALC1

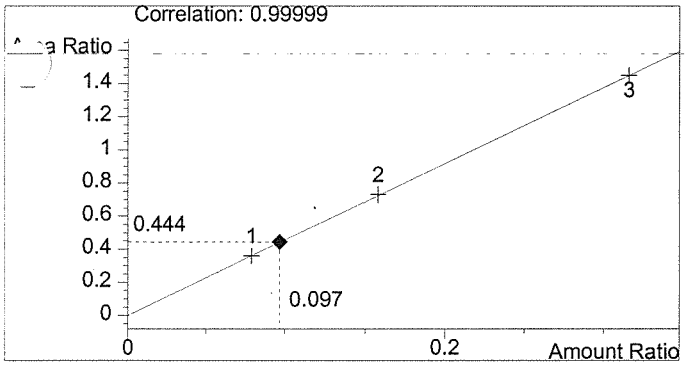
02032 - EF
Q.A. SOLUTION

vial # 8

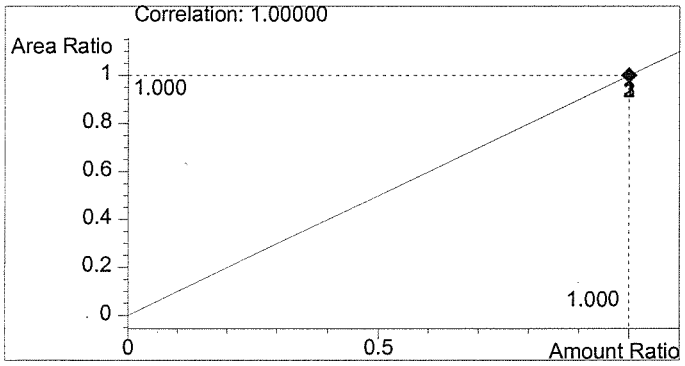


#	Compound	Area	RT
1	Ethanol	1535	1.040
2	n-Propanol	3455	1.698

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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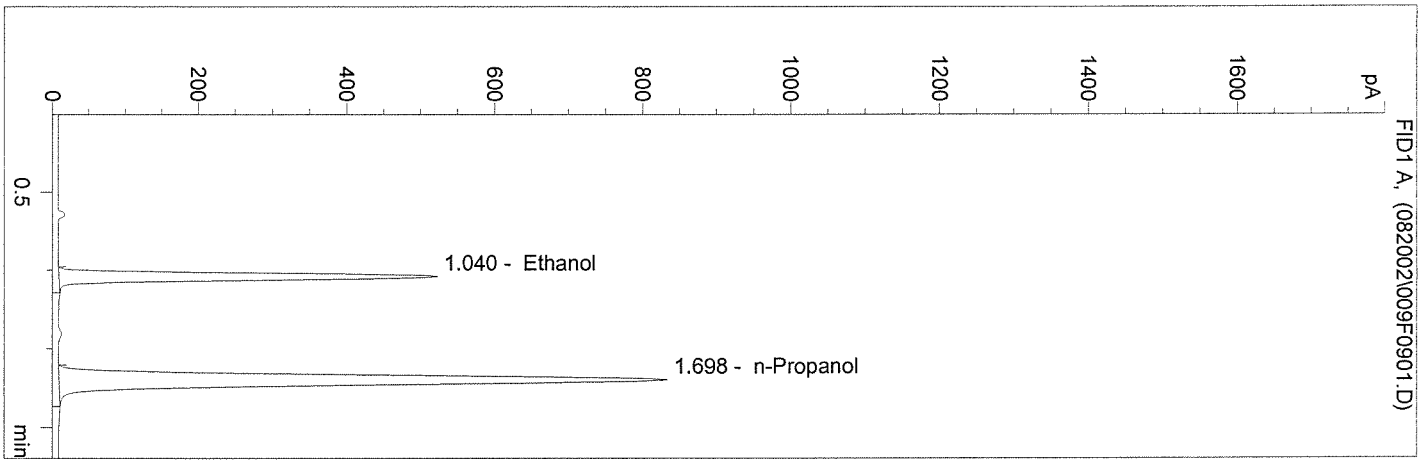
Instrument 1
DB-ALC1

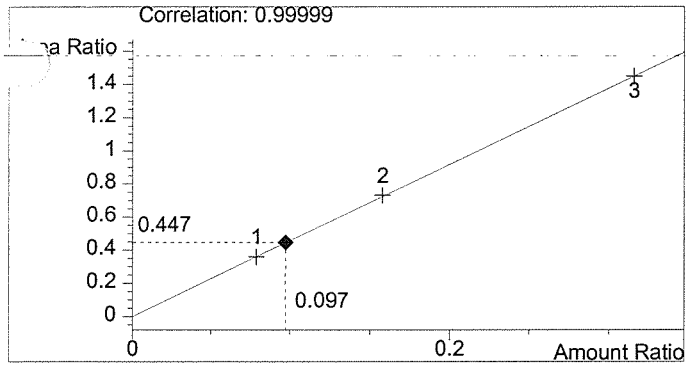
02032 - EF
Q.A. SOLUTION

vial # 9

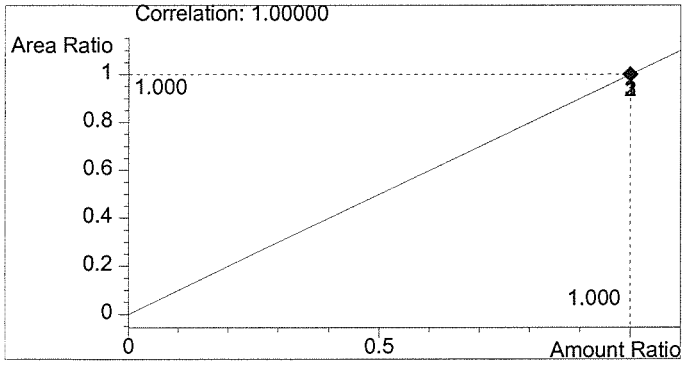


#	Compound	Area	RT
1	Ethanol	1546	1.040
2	n-Propanol	3459	1.698

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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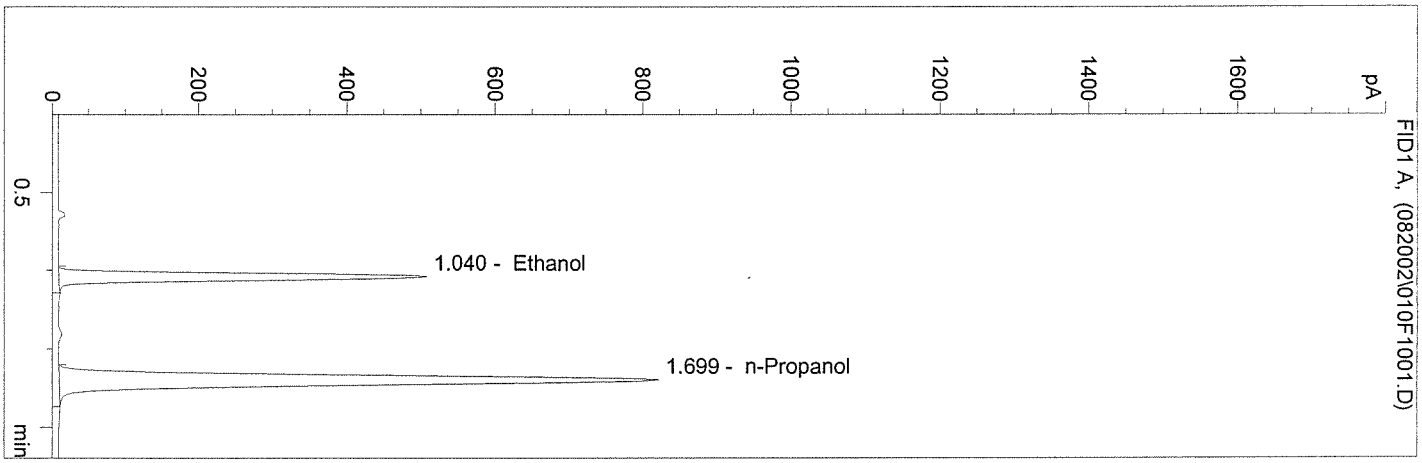
Instrument 1
DB-ALC1

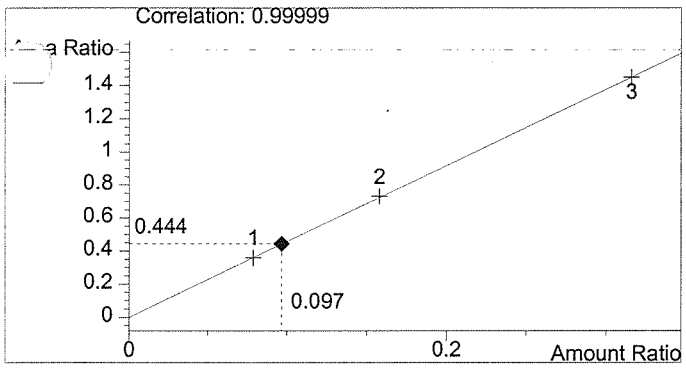
02032 - EF
Q.A. SOLUTION

vial # 10

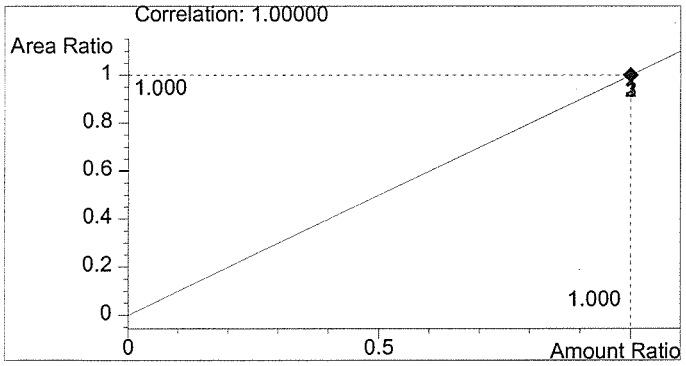


#	Compound	Area	RT
1	Ethanol	1523	1.040
2	n-Propanol	3428	1.699

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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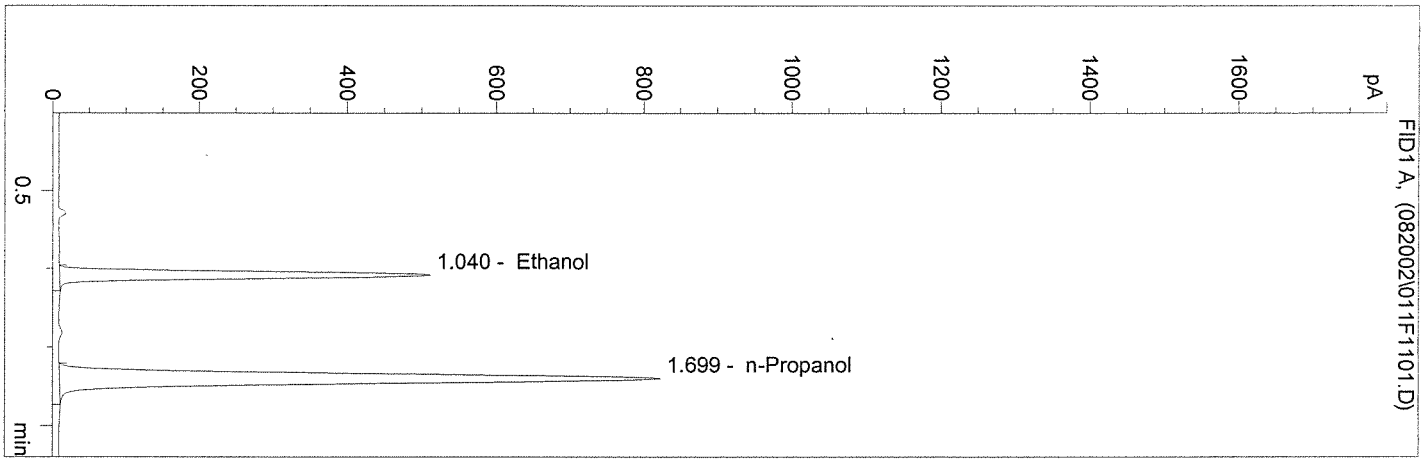
Instrument 1
DB-ALC1

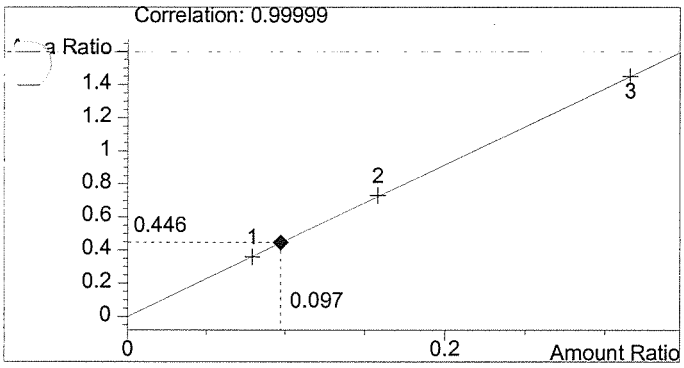
02032 - EF
Q.A. SOLUTION

vial # 11

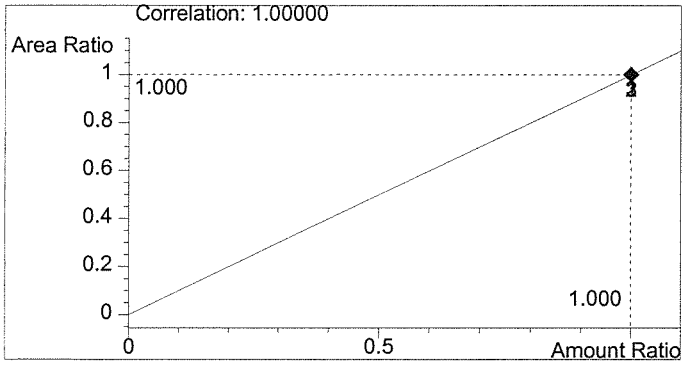


#	Compound	Area	RT
1	Ethanol	1527	1.040
2	n-Propanol	3423	1.699

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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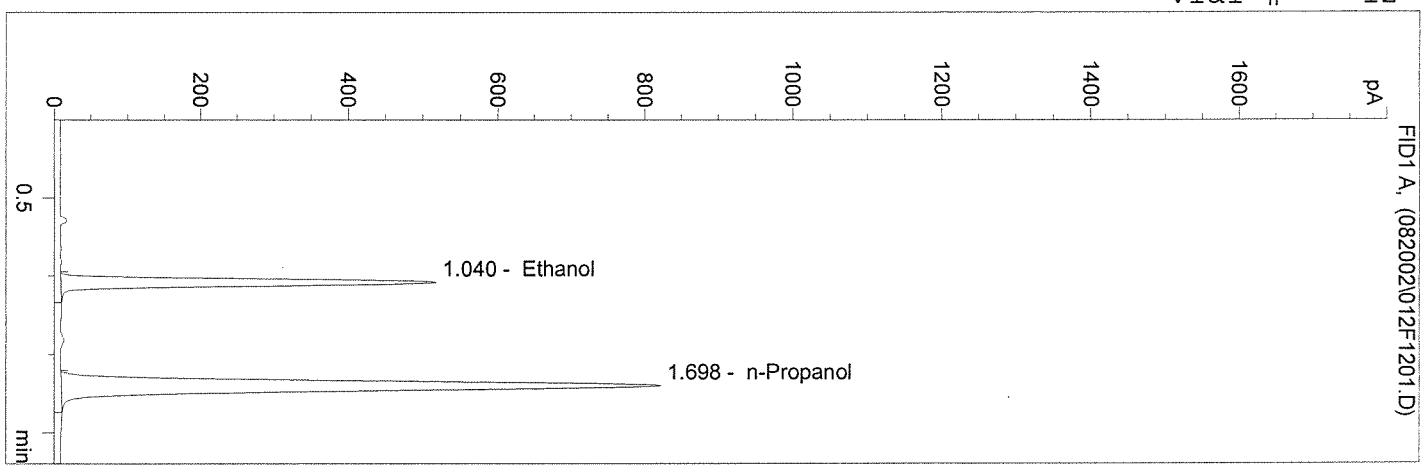
Instrument 1
DB-ALC1

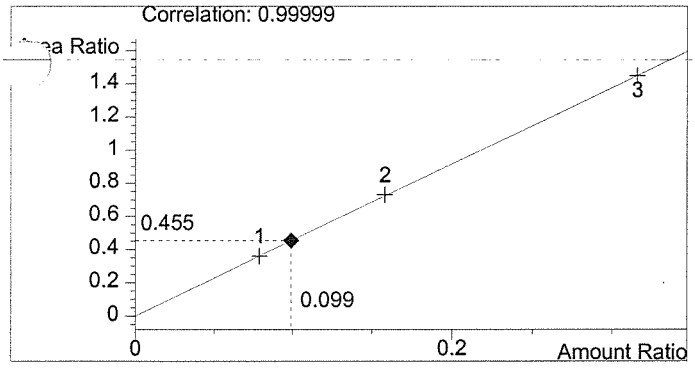
0.10 CONTROL-EF
Q.A. SOLUTION

vial # 12

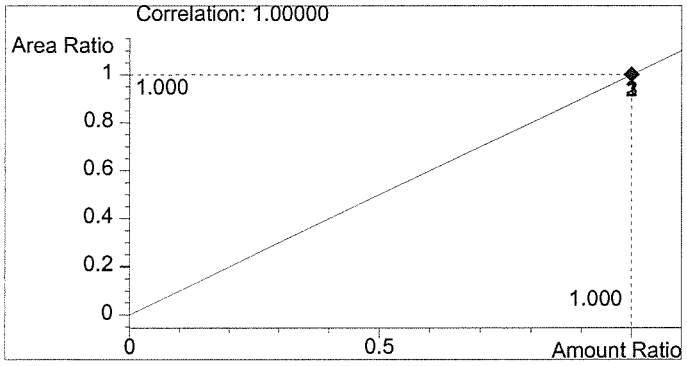


#	Compound	Area	RT
1	Ethanol	1559	1.040
2	n-Propanol	3423	1.698

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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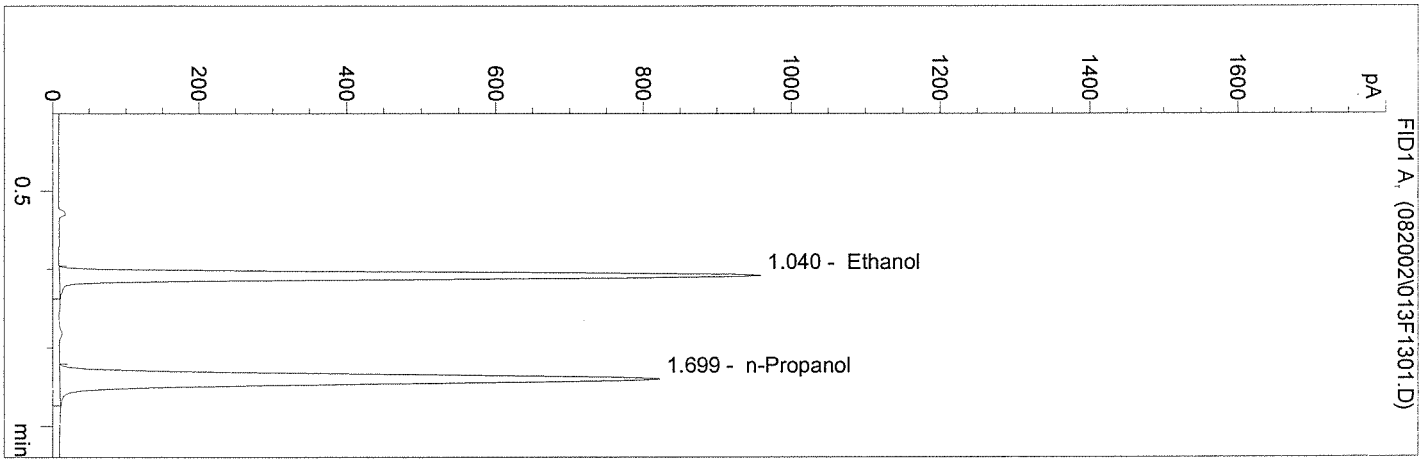
Instrument 1
DB-ALC1

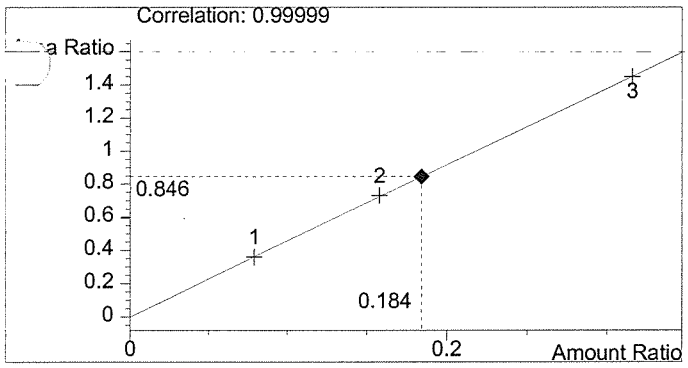
02033 - EF
Q.A. SOLUTION

vial # 13

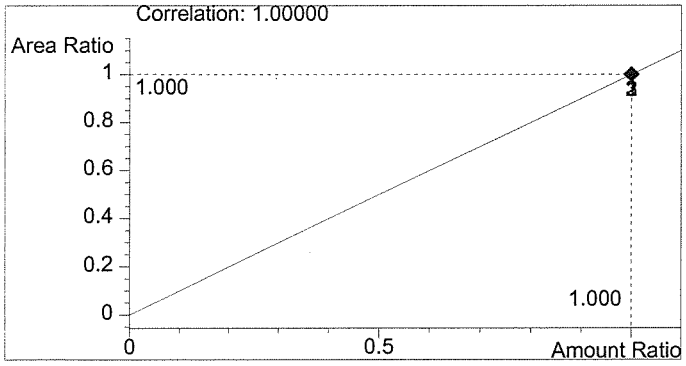


#	Compound	Area	RT
1	Ethanol	2901	1.040
2	n-Propanol	3431	1.699

Totals:



Ethanol 0.184 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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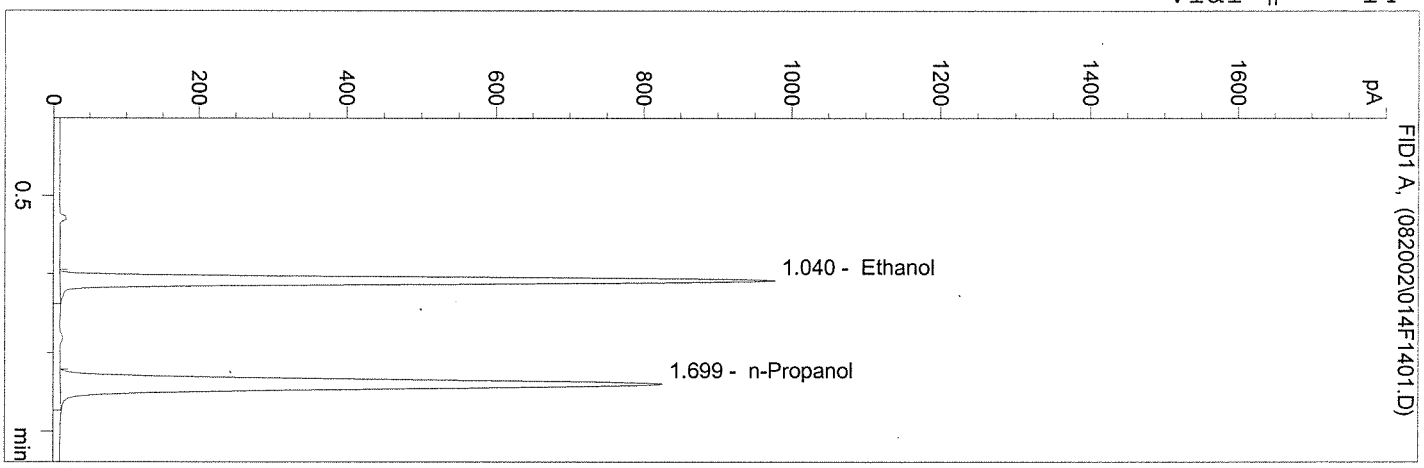
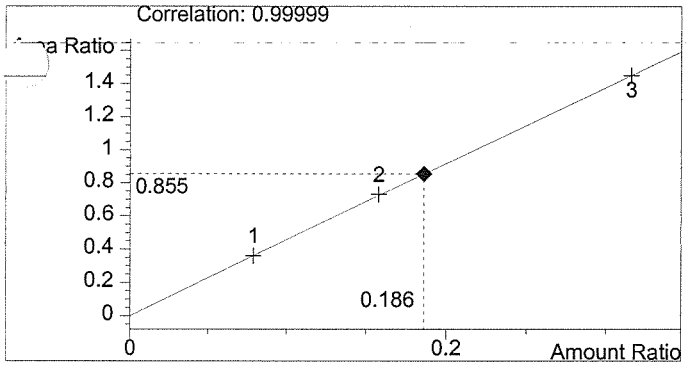
Instrument 1
DB-ALC1

02033 - EF
Q.A. SOLUTION

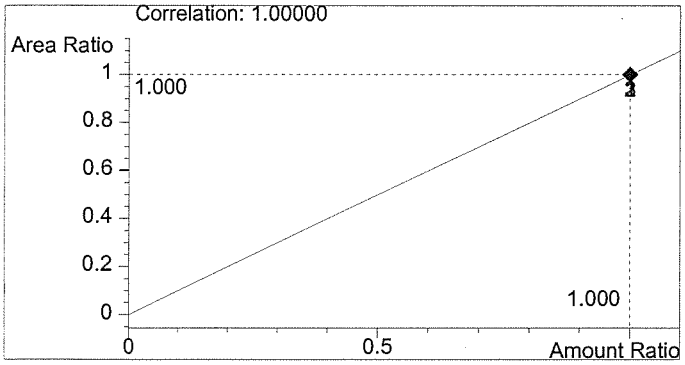
vial # 14



#	Compound	Area	RT
1	Ethanol	2938	1.040
2	n-Propanol	3437	1.699
Totals:			



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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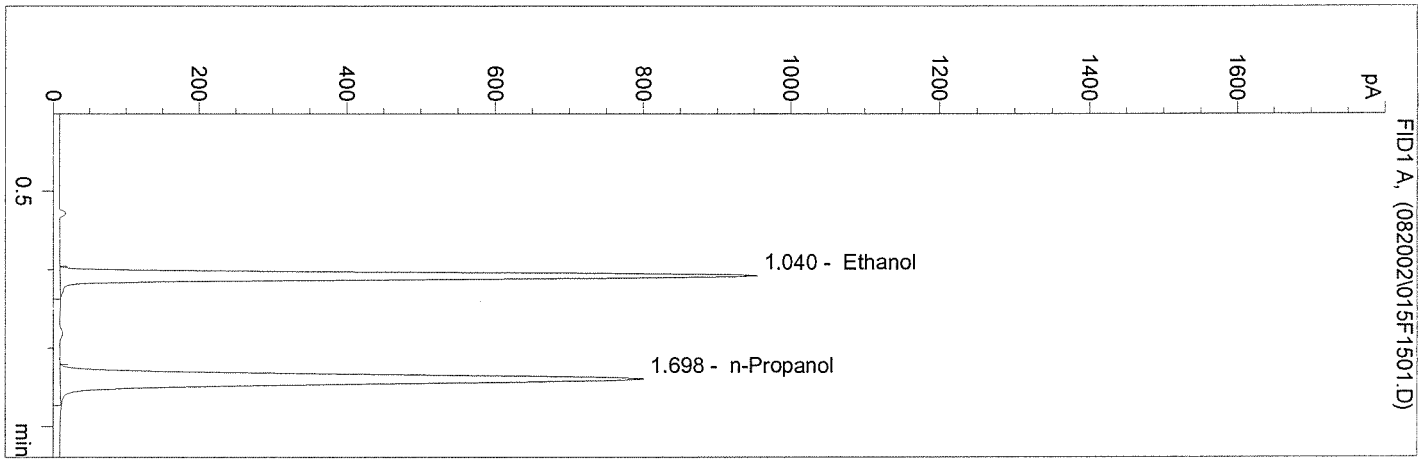
Instrument 1
DB-ALC1

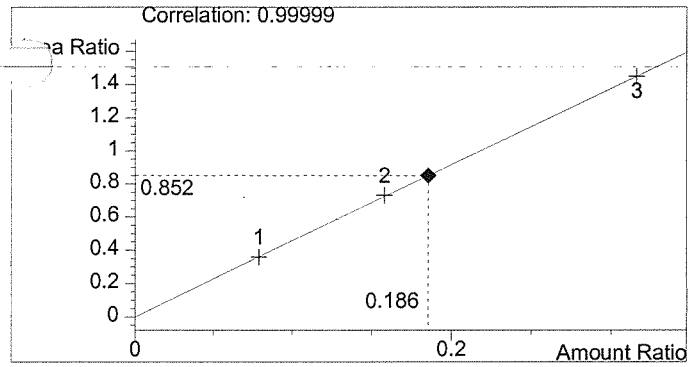
02033 - EF
Q.A. SOLUTION

vial # 15

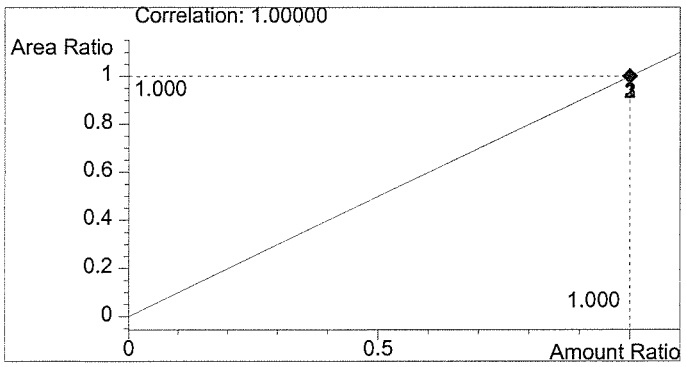


#	Compound	Area	RT
1	Ethanol	2812	1.040
2	n-Propanol	3302	1.698

Totals:



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

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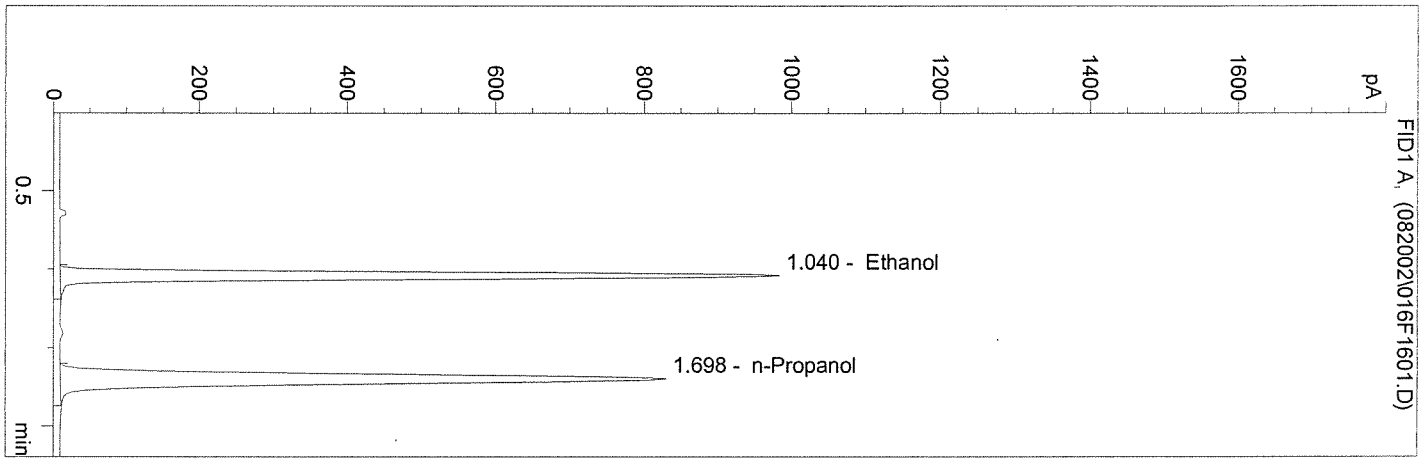
Instrument 1
DB-ALC1

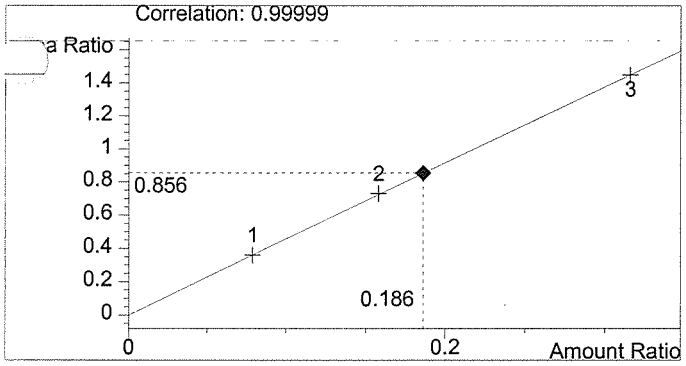
02033 - EF
Q.A. SOLUTION

vial # 16

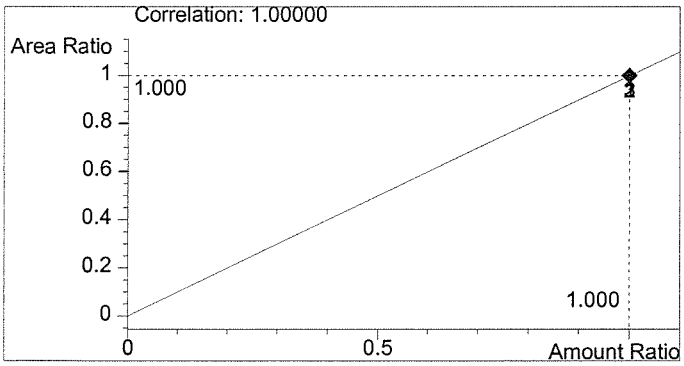


#	Compound	Area	RT
1	Ethanol	2961	1.040
2	n-Propanol	3461	1.698

Totals:



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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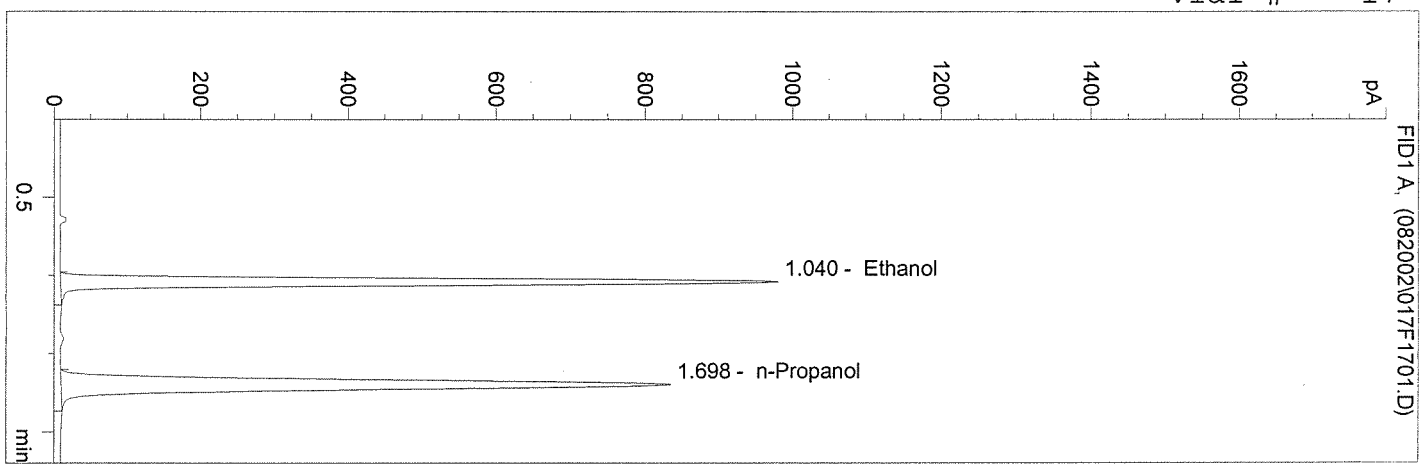
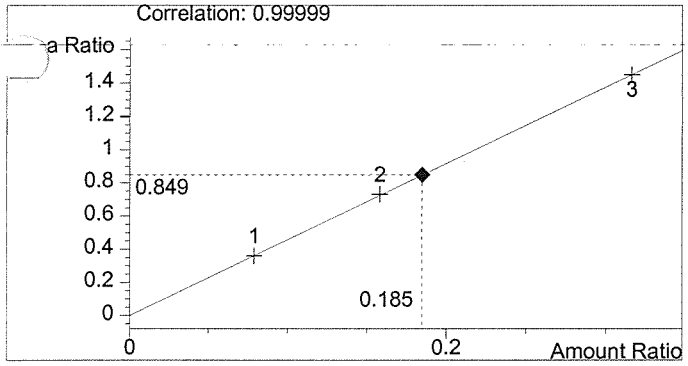
Instrument 1
DR-ALC1

02033 - EF
Q.A. SOLUTION

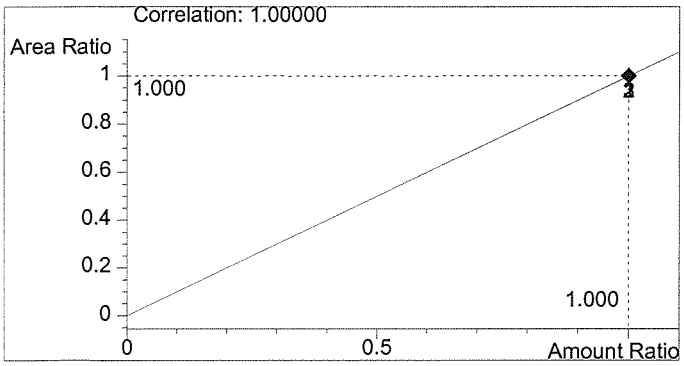
vial # 17



#	Compound	Area	RT
1	Ethanol	2951	1.040
2	n-Propanol	3476	1.698
Totals:			



Ethanol 0.185 g/100ml



n-Propanol 1.000 g/100ml

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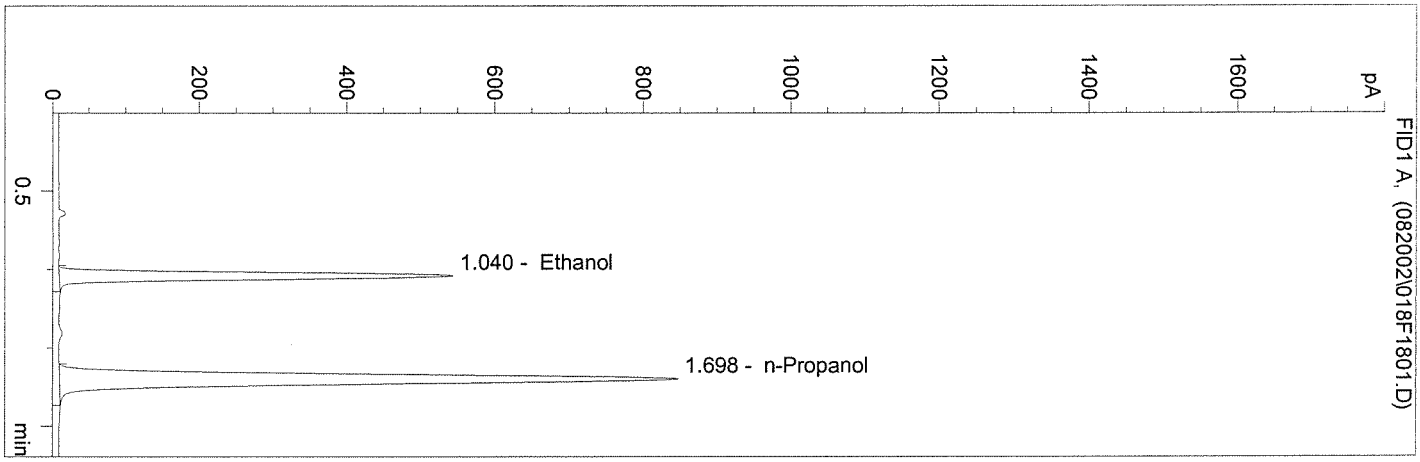
Instrument 1
DB-ALC1

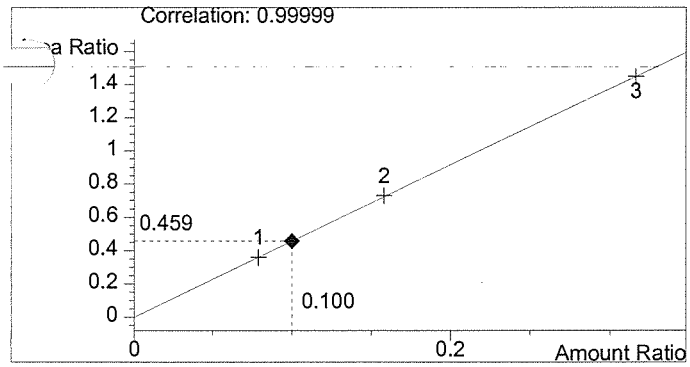
0.10 CONTROL-EF
Q.A. SOLUTION

vial # 18

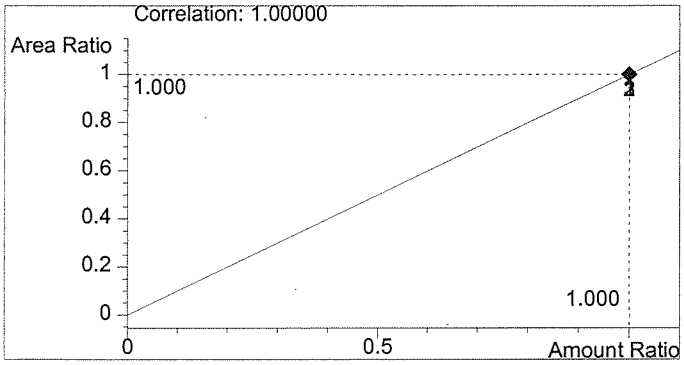


#	Compound	Area	RT
1	Ethanol	1616	1.040
2	n-Propanol	3521	1.698

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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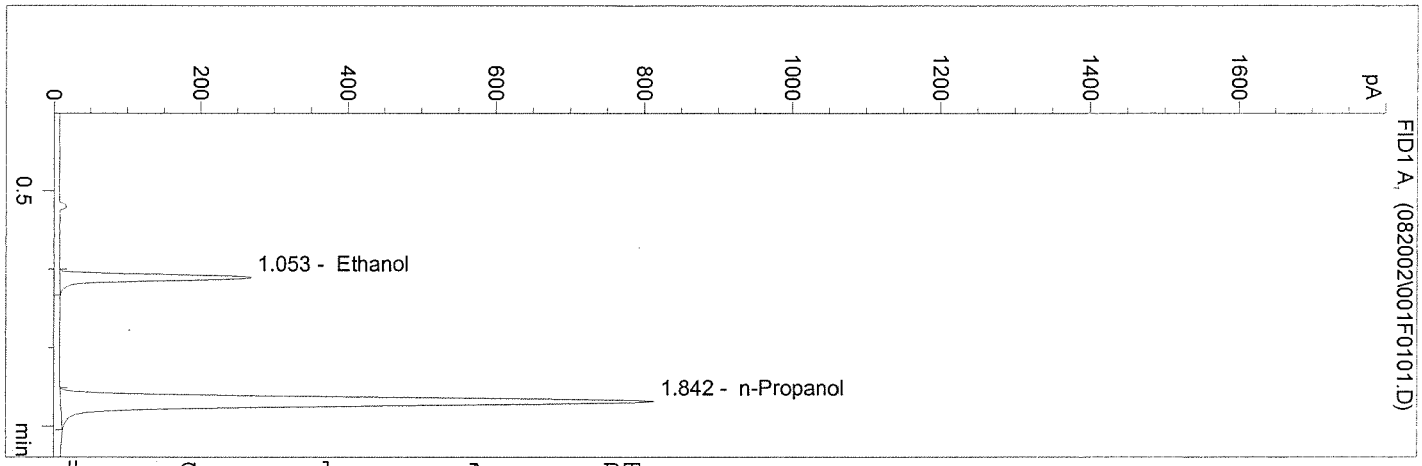
Instrument 2
DB-ALC1

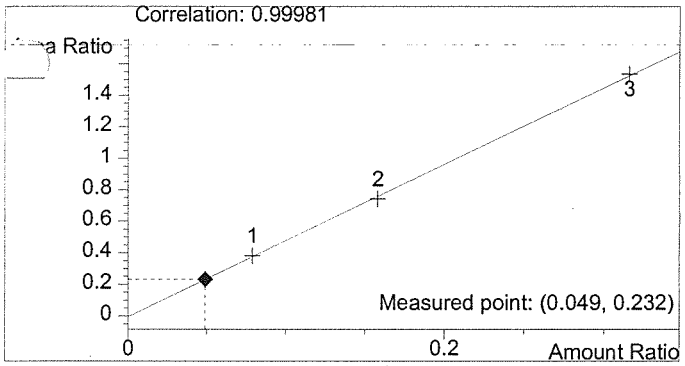
02031 - MP
Q.A. SOLUTION

vial # 1

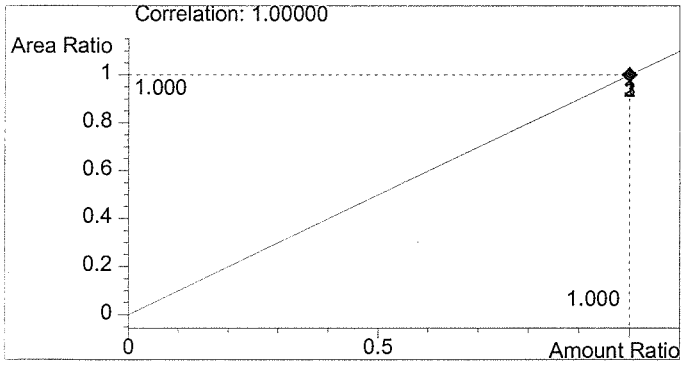


#	Compound	Area	RT
1	Ethanol	719	1.053
2	n-Propanol	3103	1.842

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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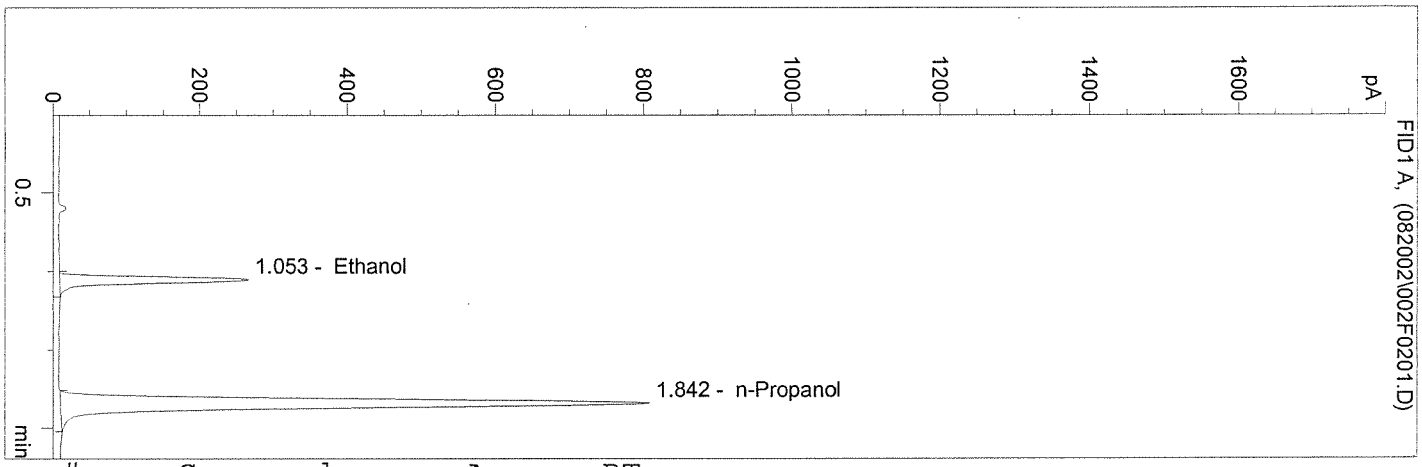
Instrument 2
DB-ALC1

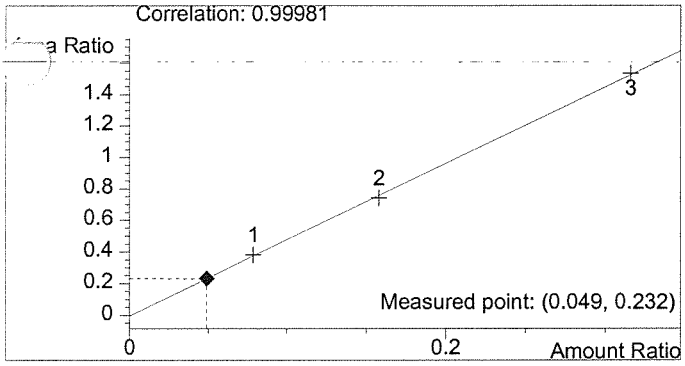
02031 - MP
Q.A. SOLUTION

vial # 2

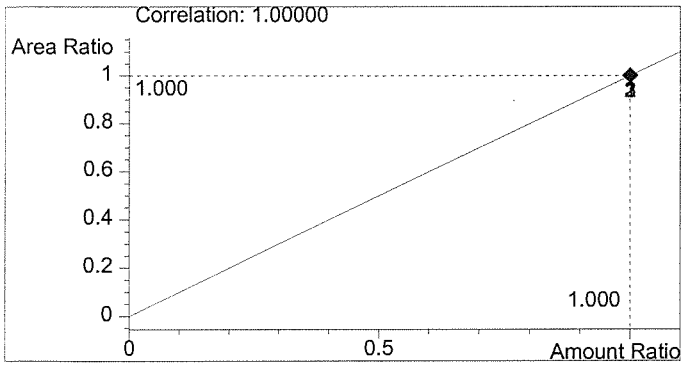


#	Compound	Area	RT
1	Ethanol	716	1.053
2	n-Propanol	3088	1.842

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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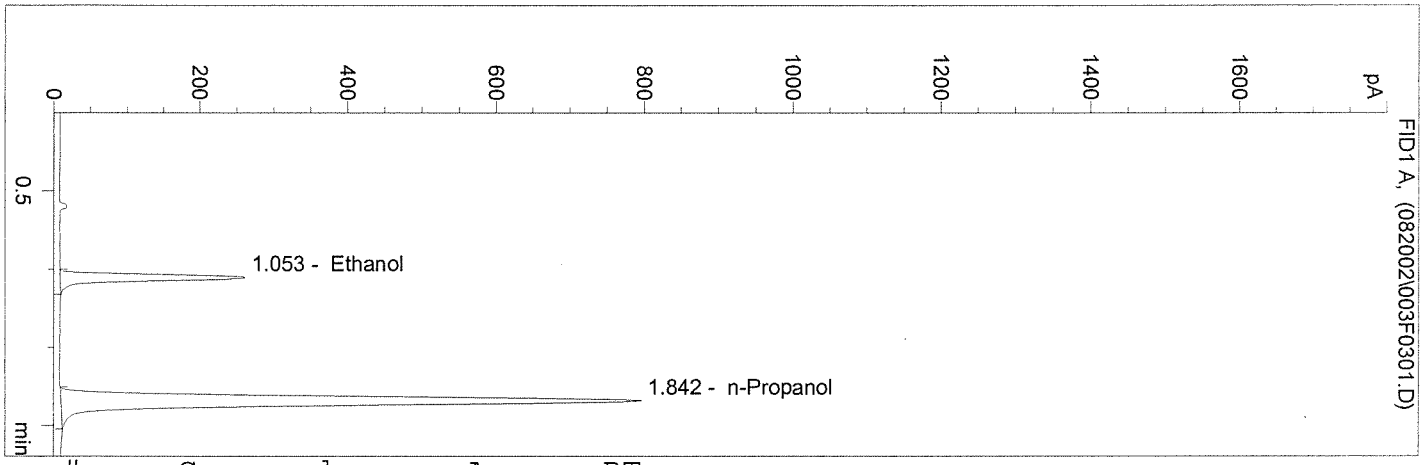
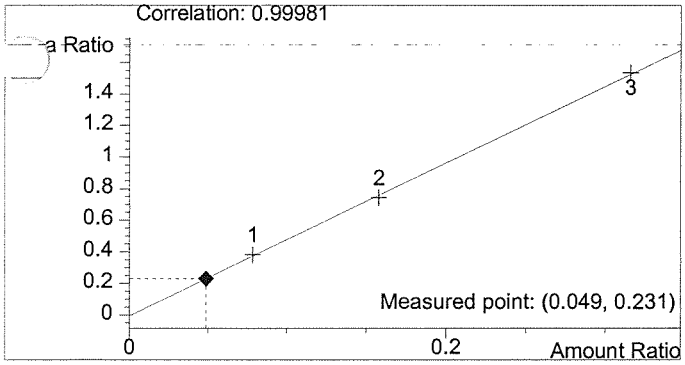
Instrument 2
DR-ALC1

02031 - MP
Q.A. SOLUTION

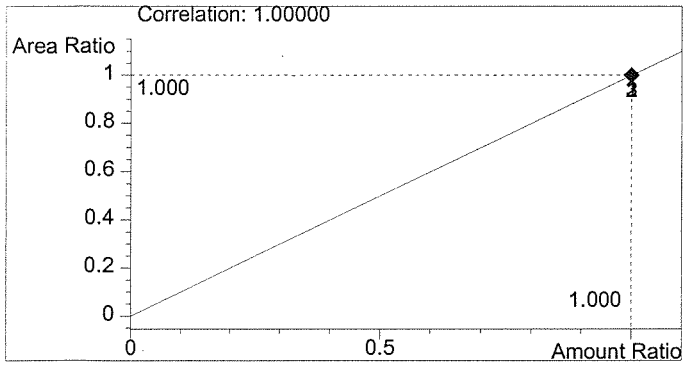
vial # 3



#	Compound	Area	RT
1	Ethanol	702	1.053
2	n-Propanol	3042	1.842
Totals:			



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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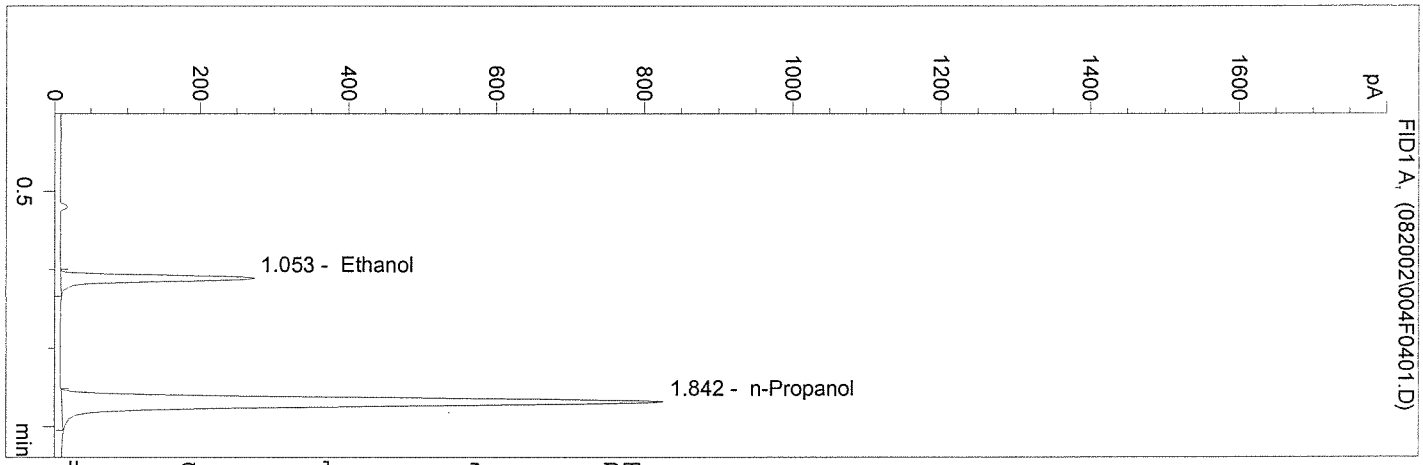
Instrument 2
DB-ALC1

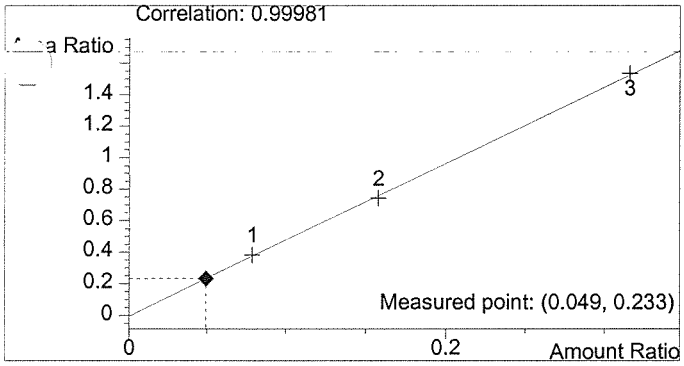
02031 - MP
Q.A. SOLUTION

vial # 4

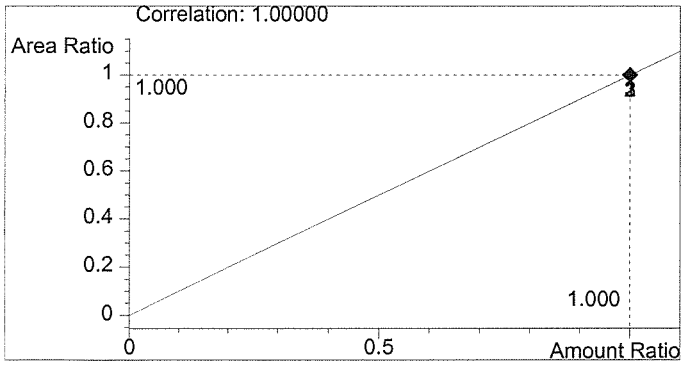


#	Compound	Area	RT
1	Ethanol	734	1.053
2	n-Propanol	3147	1.842

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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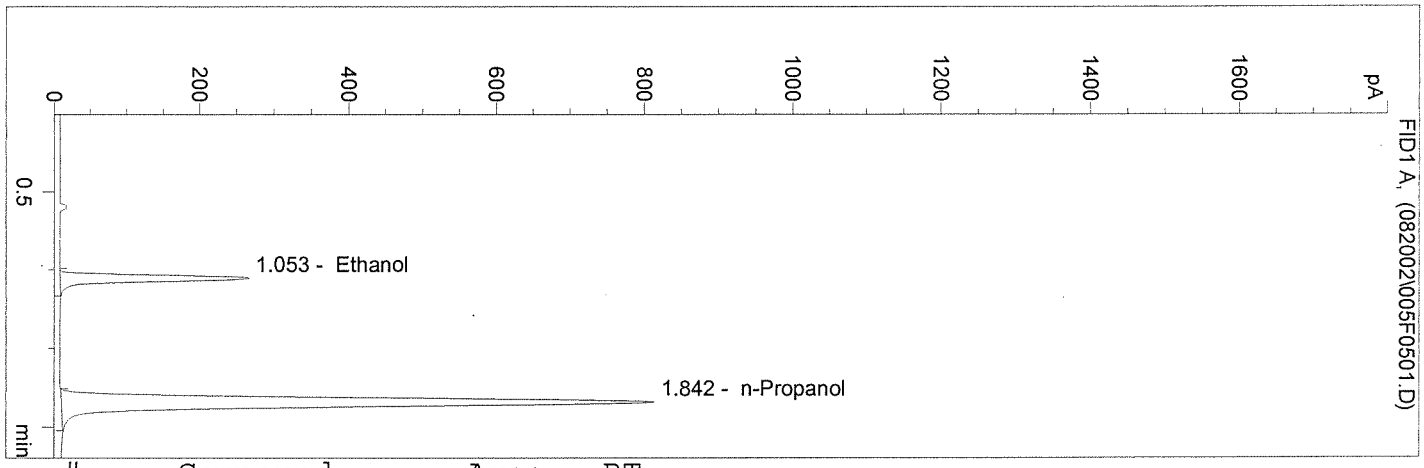
Instrument 2
DB-ALC1

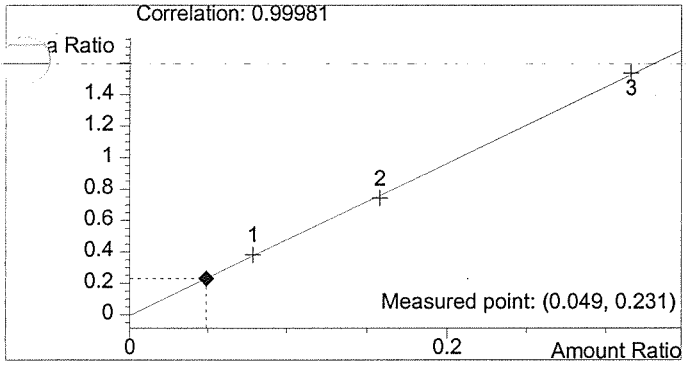
02031 - MP
Q.A. SOLUTION

vial # 5

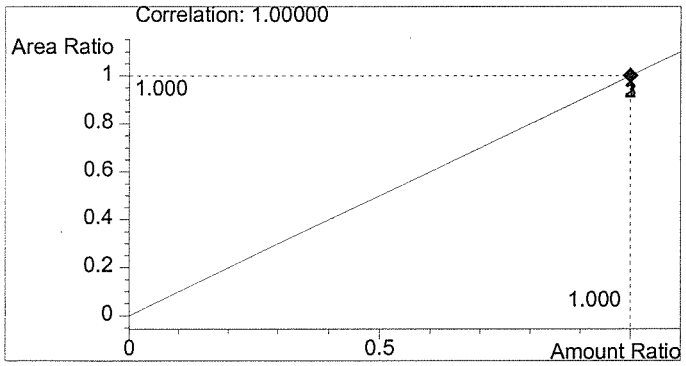


#	Compound	Area	RT
1	Ethanol	719	1.053
2	n-Propanol	3110	1.842

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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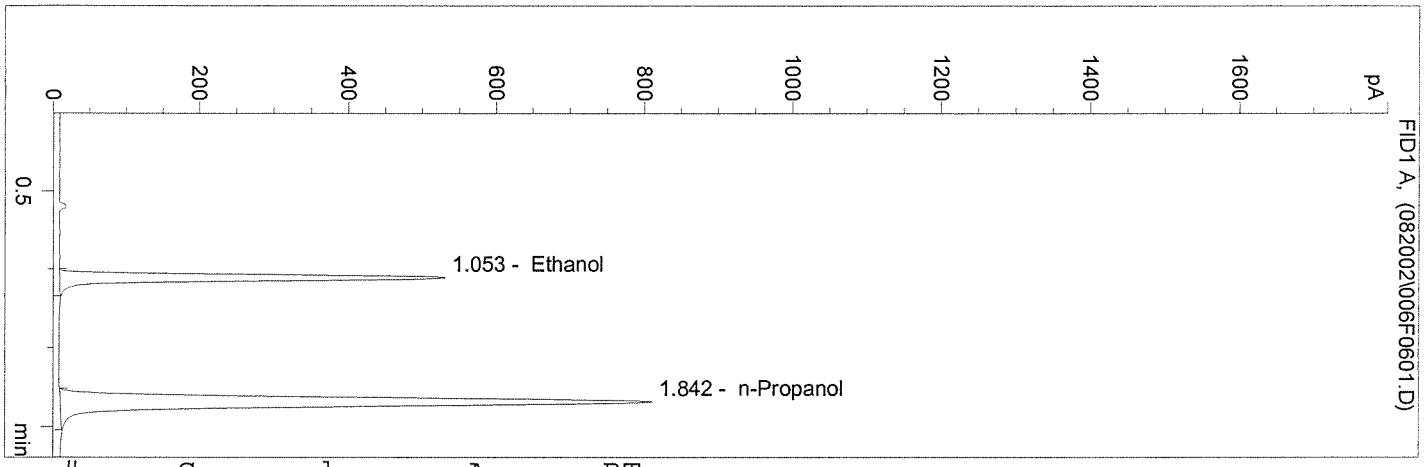
8/20/02 2:01:41 PM
Instrument 2
DB-ALC1

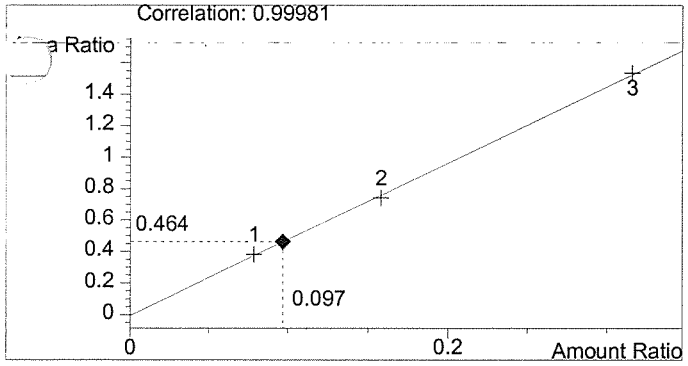
0.10 CONTROL-MP
Q.A. SOLUTION

vial # 6

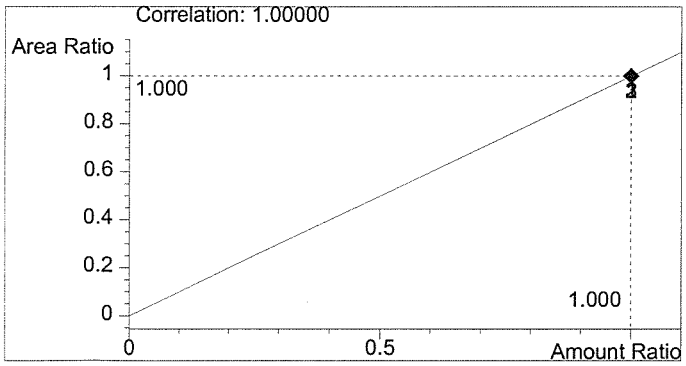


#	Compound	Area	RT
1	Ethanol	1435	1.053
2	n-Propanol	3095	1.842

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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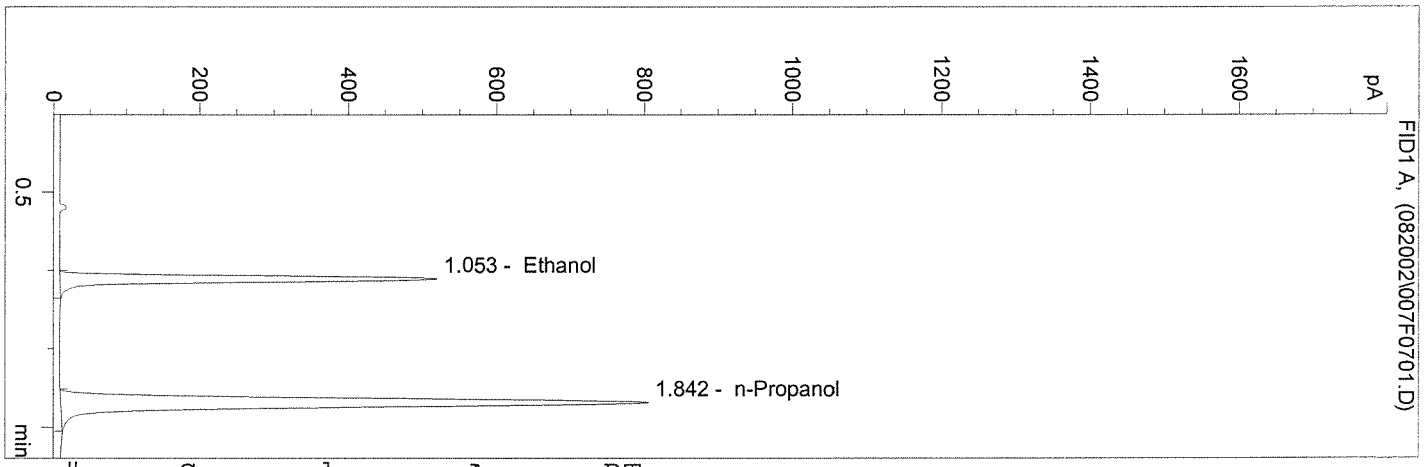
Instrument 2
DB-ALC1

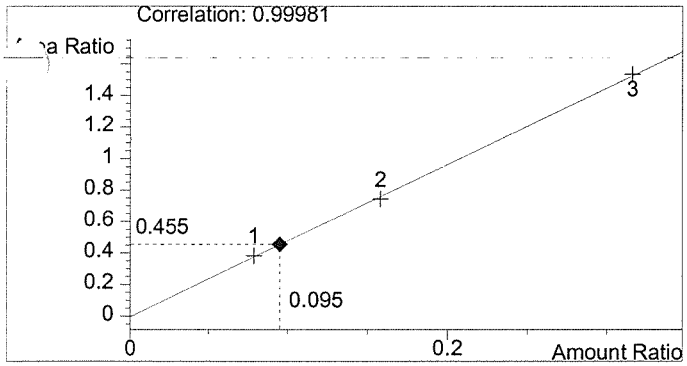
02032 - MP
Q.A. SOLUTION

vial # 7

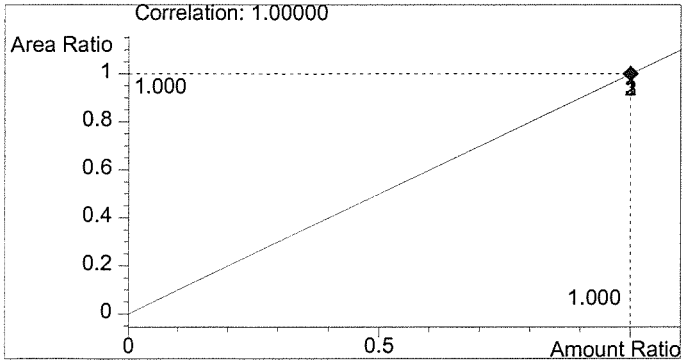


#	Compound	Area	RT
1	Ethanol	1403	1.053
2	n-Propanol	3083	1.842

Totals:



Ethanol 0.095 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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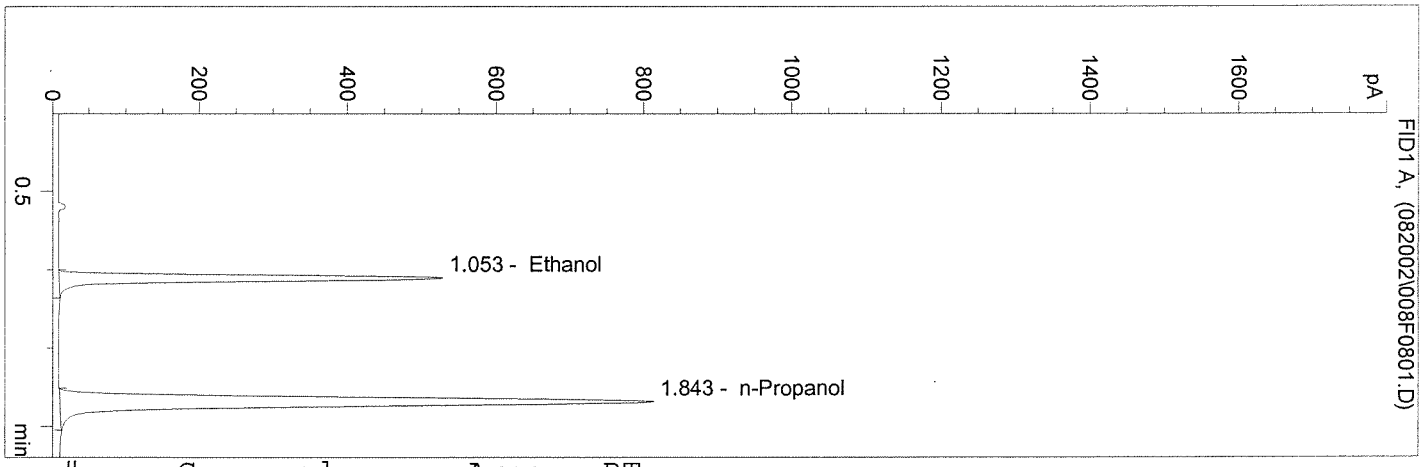
Instrument 2
DB-ALC1

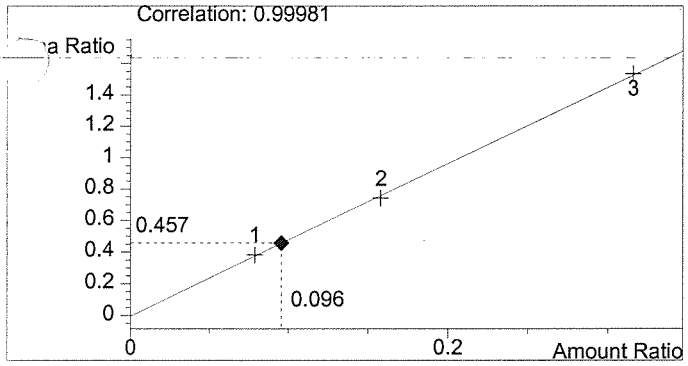
02032 - MP
Q.A. SOLUTION

vial # 8

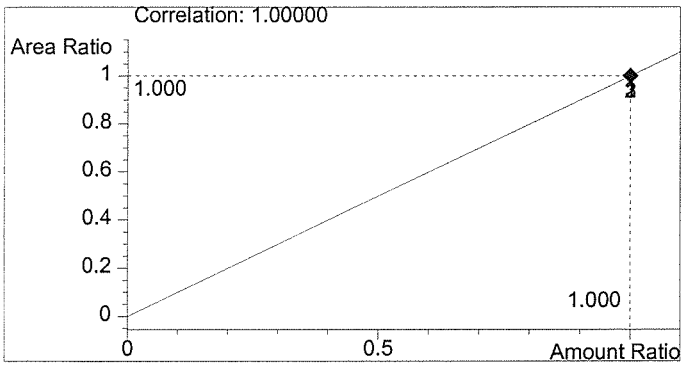


#	Compound	Area	RT
1	Ethanol	1426	1.053
2	n-Propanol	3117	1.843

Totals:



Ethanol 0.096 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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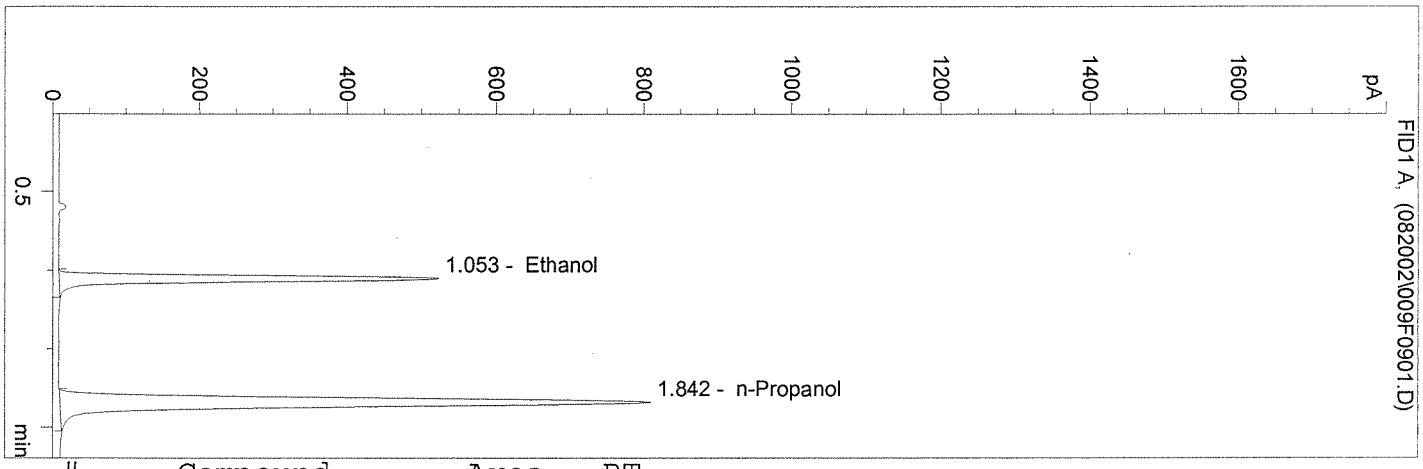
Instrument 2
DB-ALC1

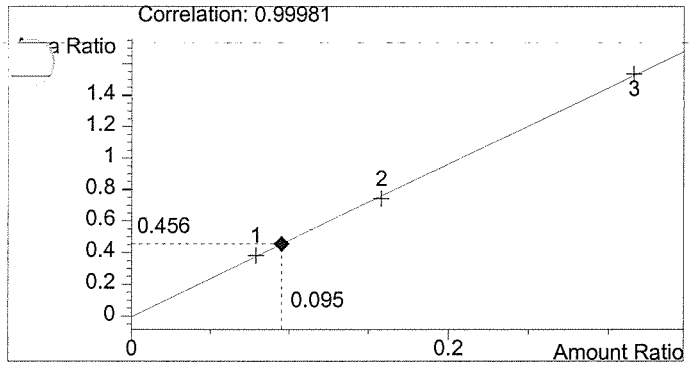
02032 - MP
Q.A. SOLUTION

vial # 9

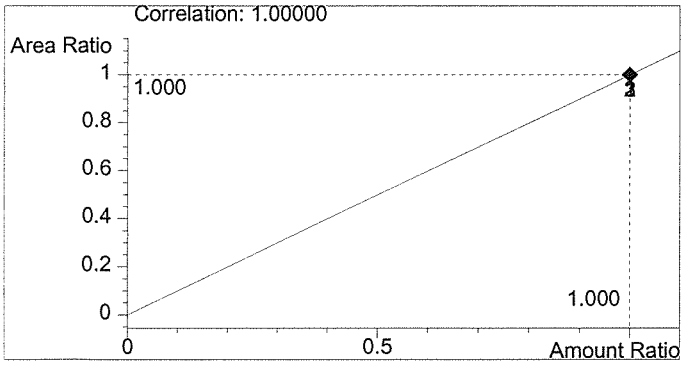


#	Compound	Area	RT
1	Ethanol	1411	1.053
2	n-Propanol	3097	1.842

Totals:



Ethanol 0.095 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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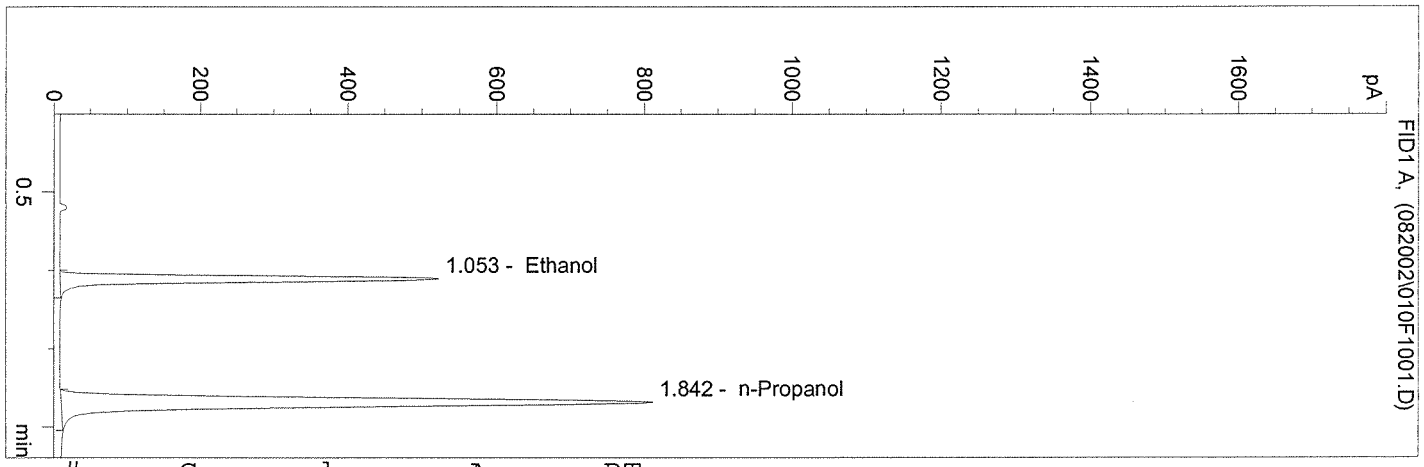
Instrument 2
DB-ALC1

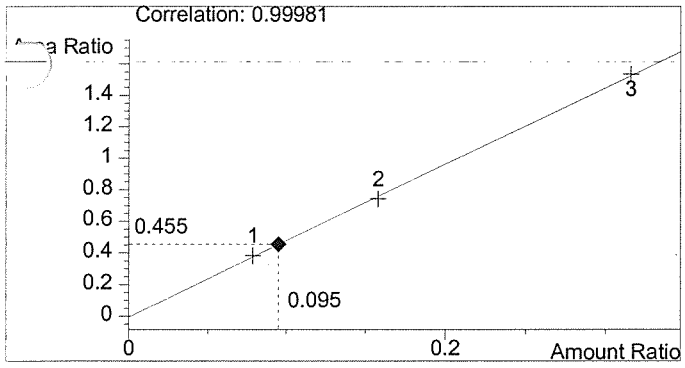
02032 - MP
Q.A. SOLUTION

vial # 10

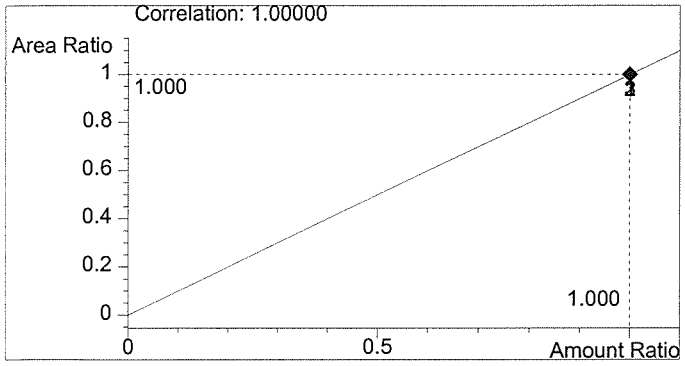


#	Compound	Area	RT
1	Ethanol	1412	1.053
2	n-Propanol	3099	1.842

Totals:



Ethanol 0.095 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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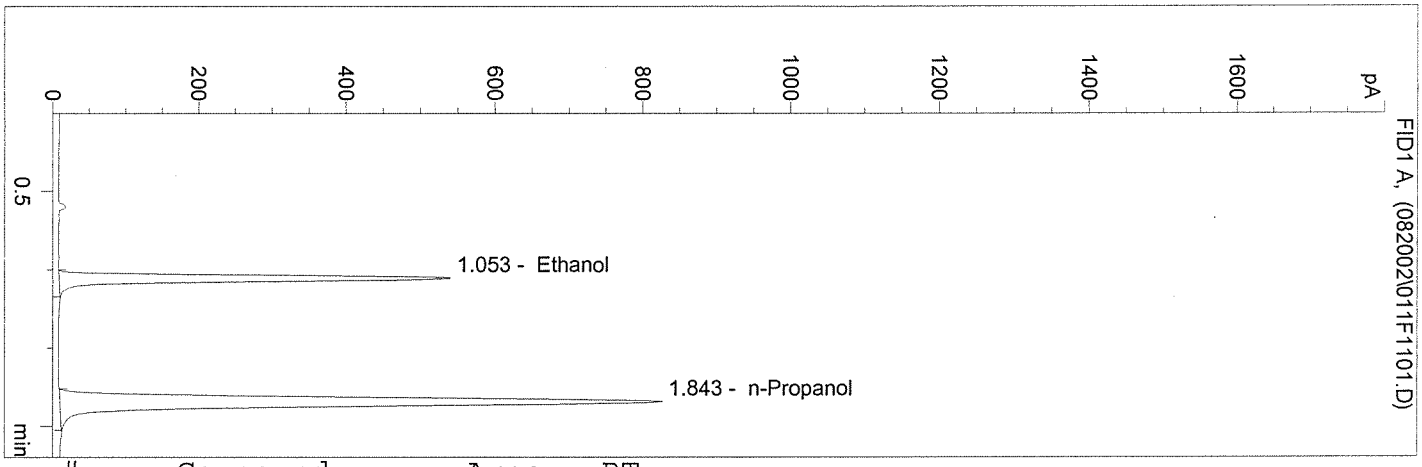
Instrument 2
DB-ALC1

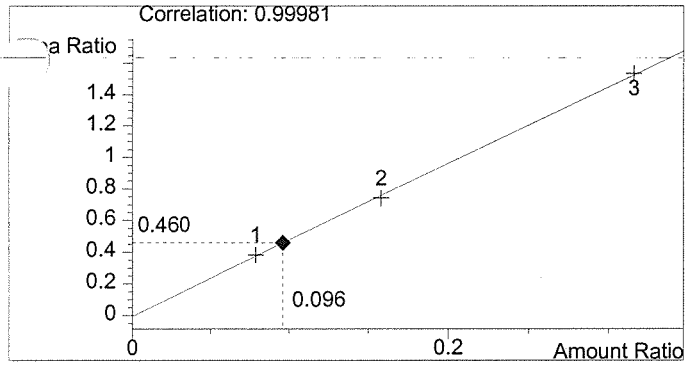
02032 - MP
Q.A. SOLUTION

vial # 11

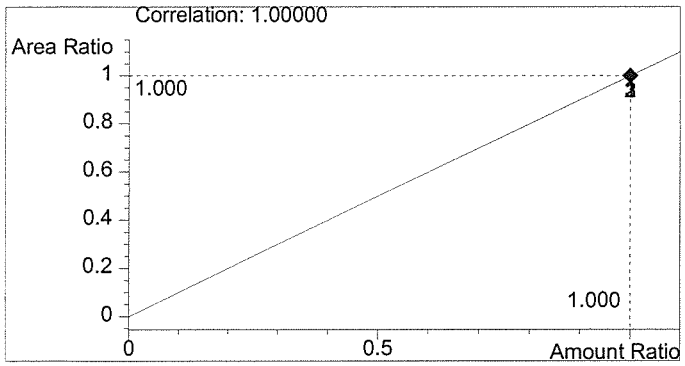


#	Compound	Area	RT
1	Ethanol	1452	1.053
2	n-Propanol	3155	1.843

Totals:



Ethanol 0.096 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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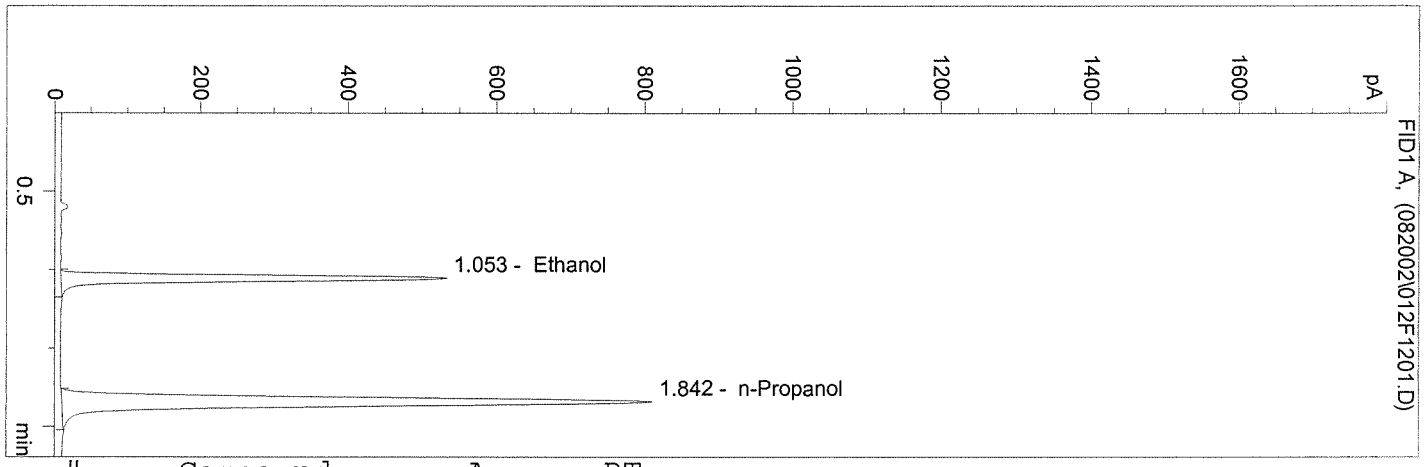
Instrument 2
DB-ALC1

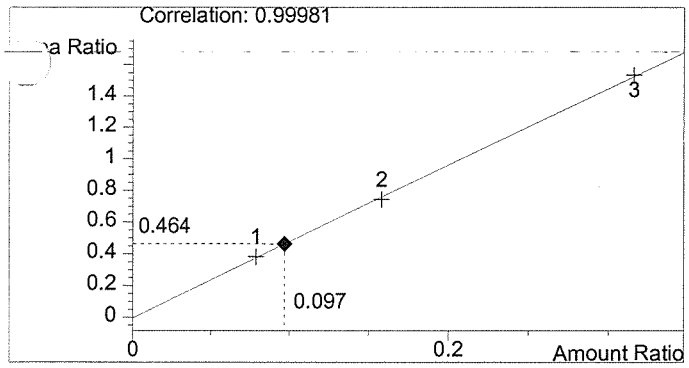
0.10 CONTROL-MP
Q.A. SOLUTION

vial # 12

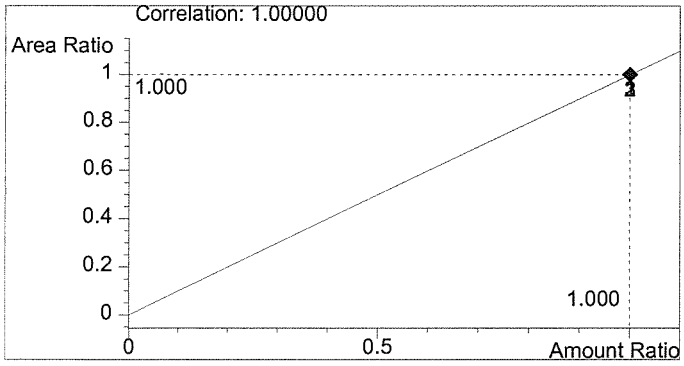


#	Compound	Area	RT
1	Ethanol	1438	1.053
2	n-Propanol	3101	1.842

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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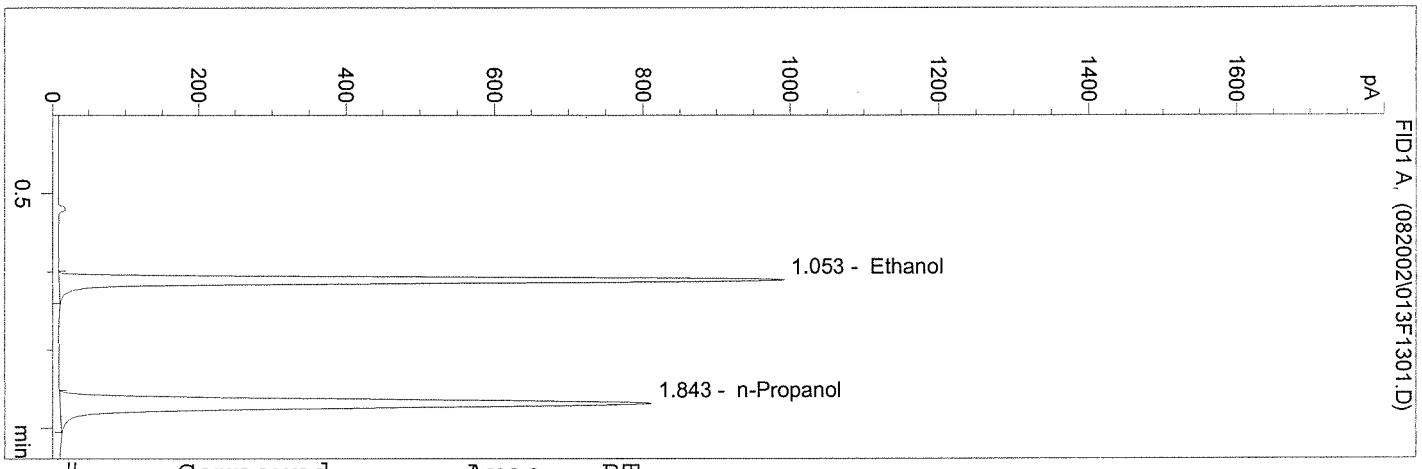
Instrument 2
DB-ALC1

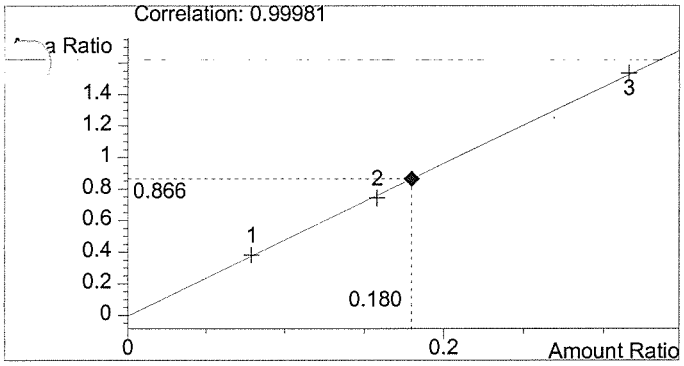
02033 - MP
Q.A. SOLUTION

vial # 13

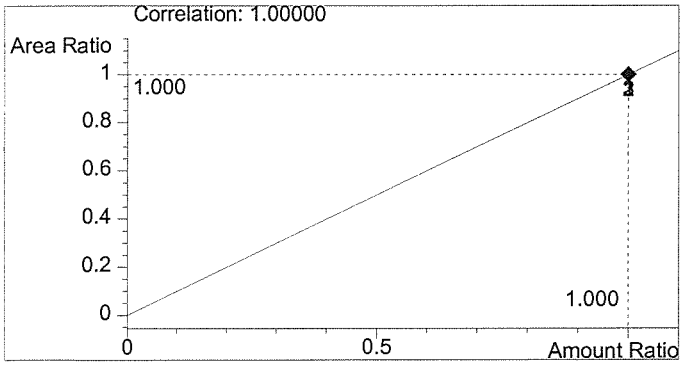


#	Compound	Area	RT
1	Ethanol	2684	1.053
2	n-Propanol	3101	1.843

Totals:



Ethanol 0.180 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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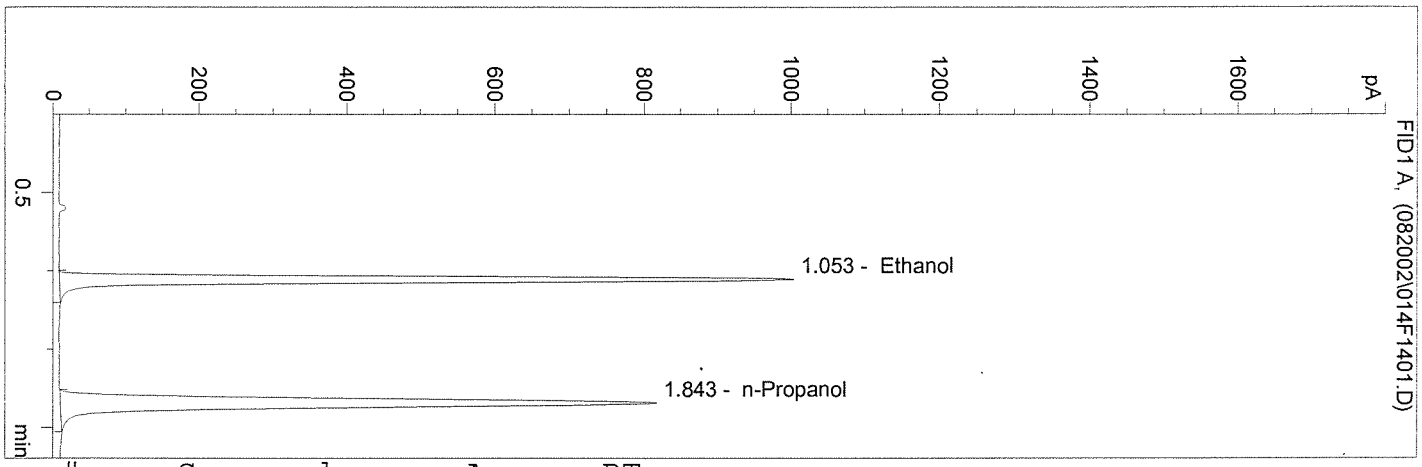
Instrument 2
DB-ALC1

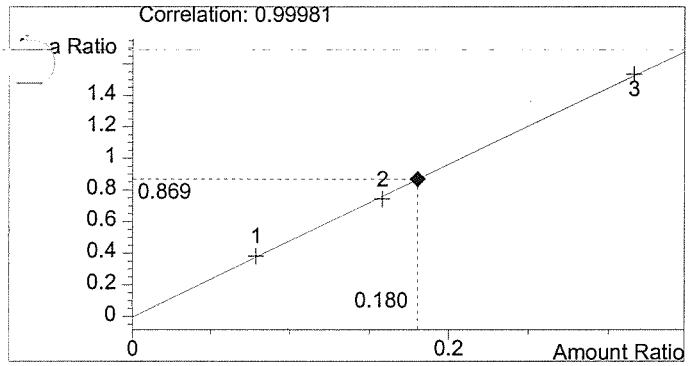
02033 - MP
Q.A. SOLUTION

vial # 14

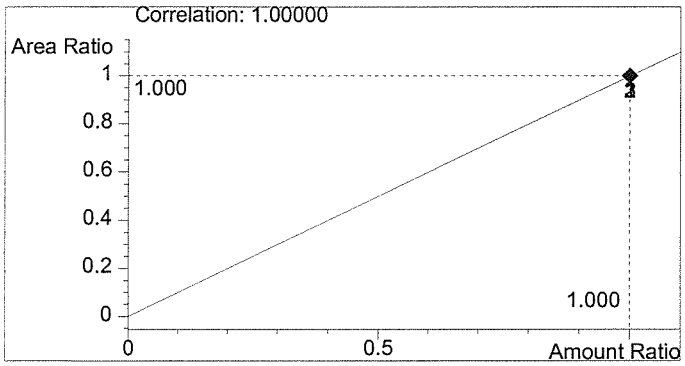


#	Compound	Area	RT
1	Ethanol	2715	1.053
2	n-Propanol	3127	1.843

Totals:



Ethanol 0.180 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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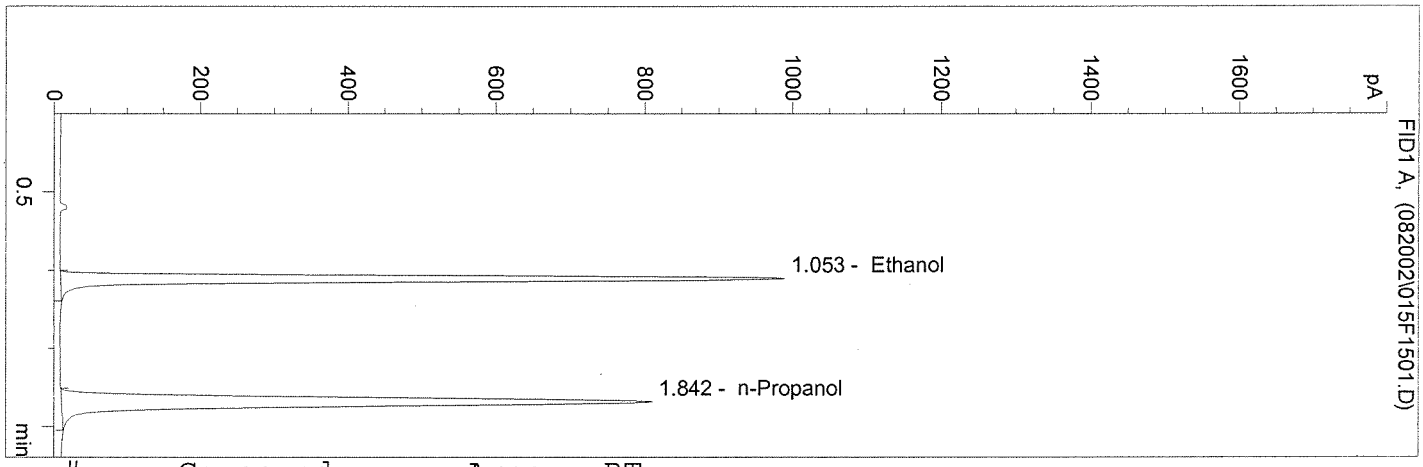
Instrument 2
DB-ALC1

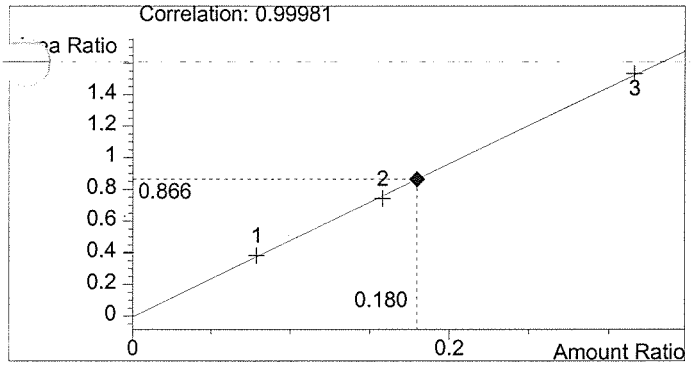
02033 - MP
Q.A. SOLUTION

vial # 15

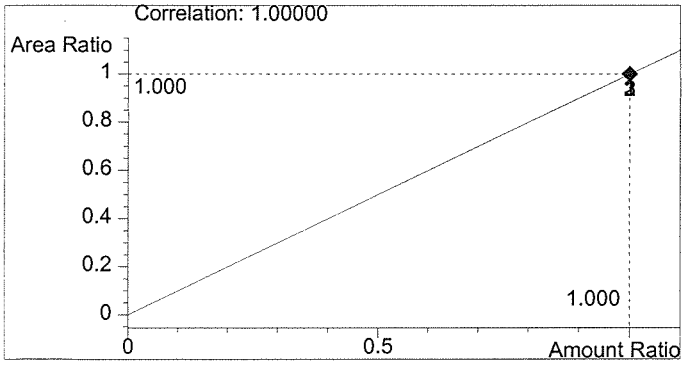


#	Compound	Area	RT
1	Ethanol	2681	1.053
2	n-Propanol	3096	1.842

Totals:



Ethanol 0.180 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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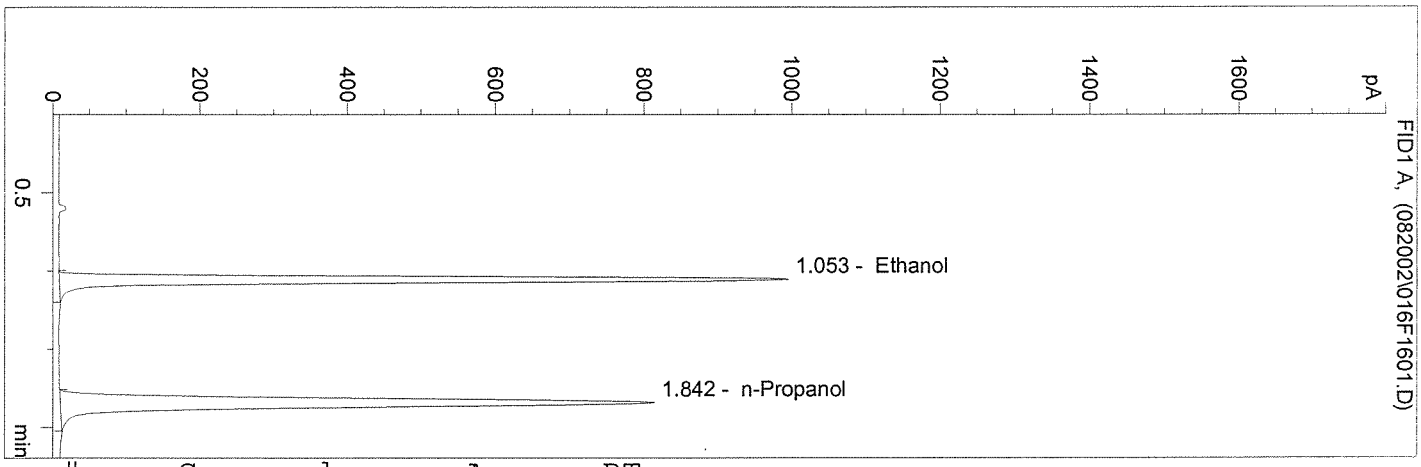
Instrument 2
DB-ALC1

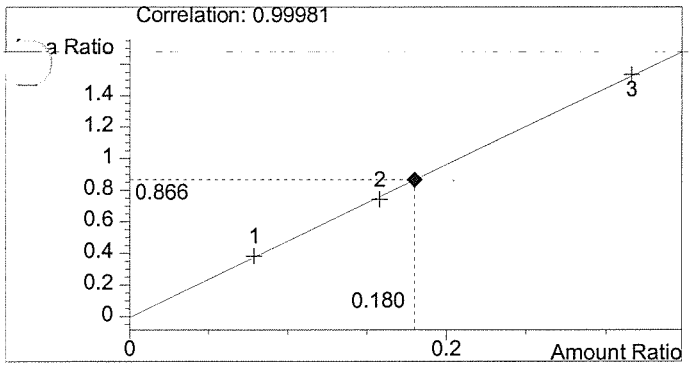
02033 - MP
Q.A. SOLUTION

vial # 16

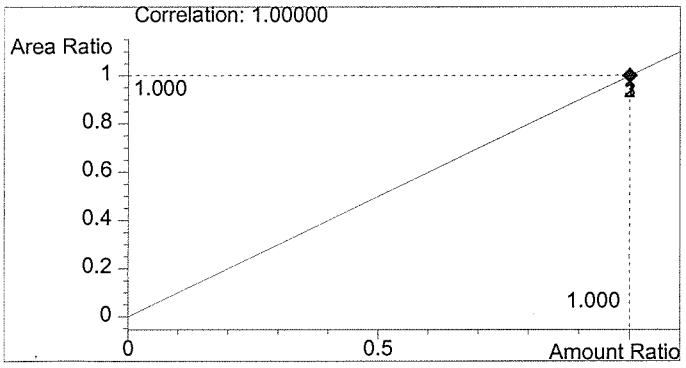


#	Compound	Area	RT
1	Ethanol	2698	1.053
2	n-Propanol	3114	1.842

Totals:



Ethanol 0.180 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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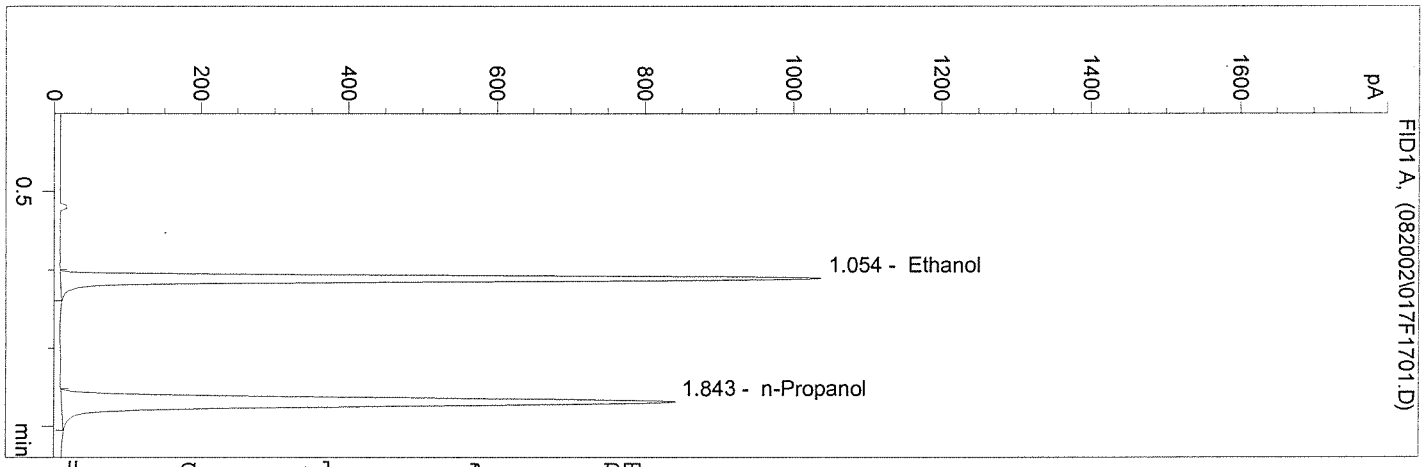
Instrument 2
DB-ALC1

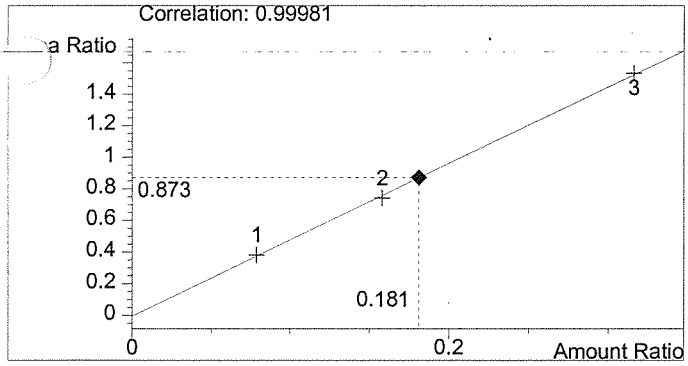
02033 - MP
Q.A. SOLUTION

vial # 17

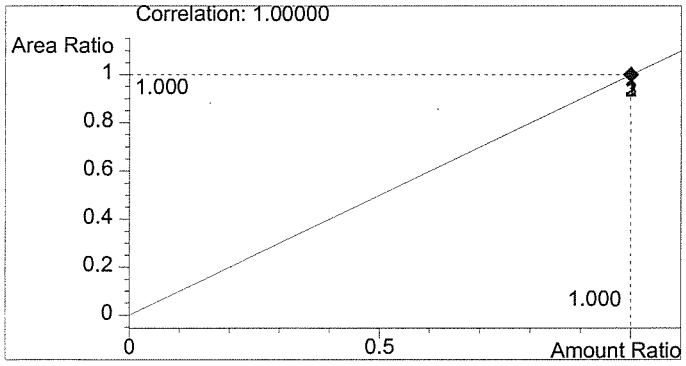


#	Compound	Area	RT
1	Ethanol	2796	1.054
2	n-Propanol	3204	1.843

Totals:



Ethanol 0.181 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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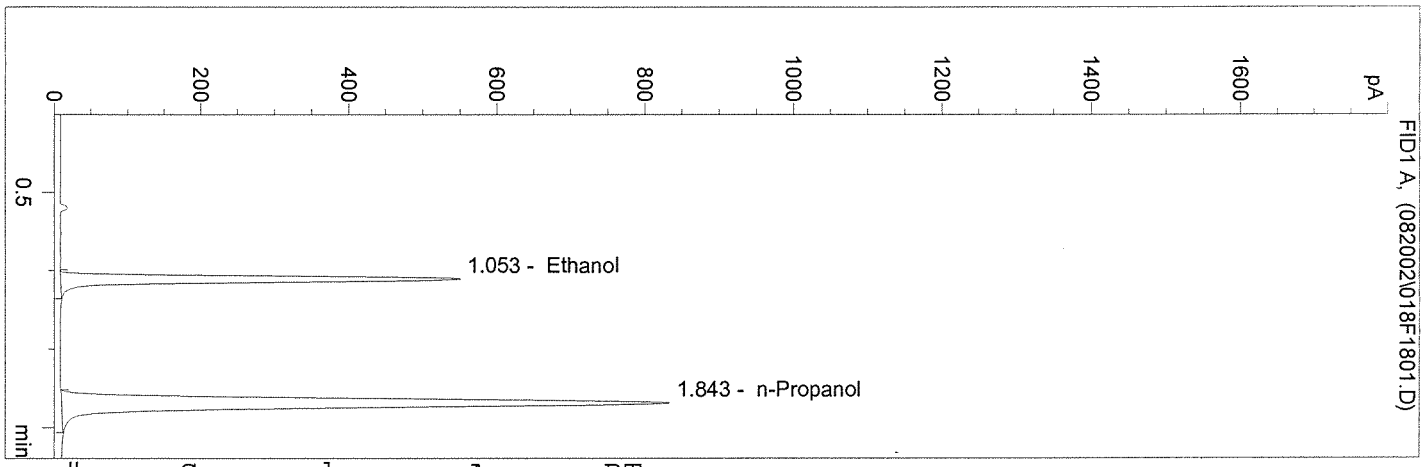
Instrument 2
DR-ALC1

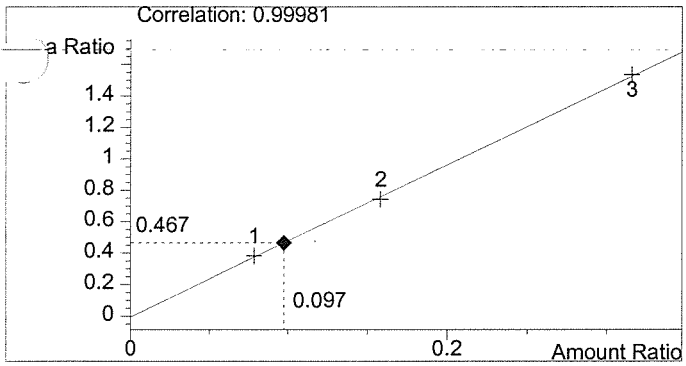
0.10 CONTROL-MP
Q.A. SOLUTION

vial # 18

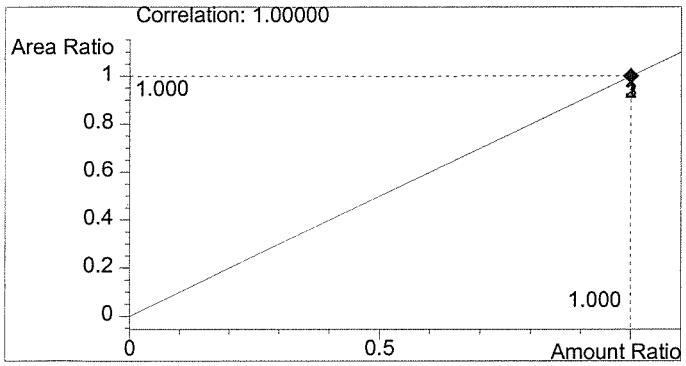


#	Compound	Area	RT
1	Ethanol	1490	1.053
2	n-Propanol	3192	1.843

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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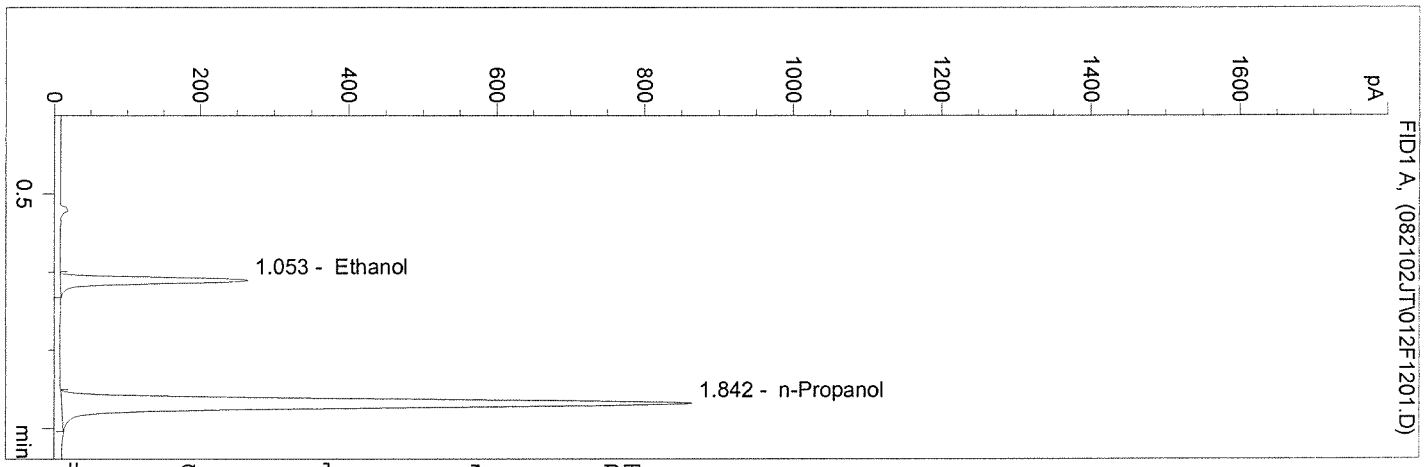
Instrument 2
DB-ALC1

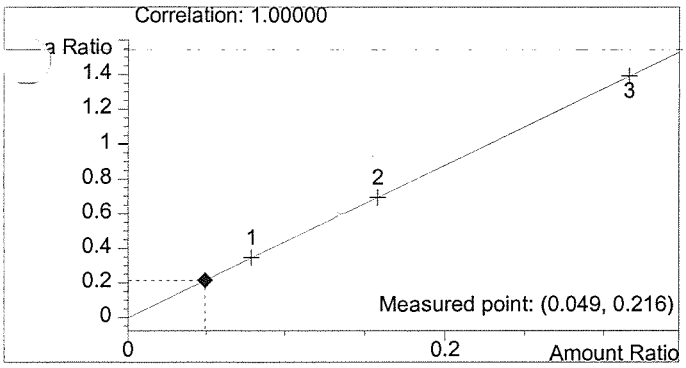
02031-1
JAYNE THATCHER

vial # 12

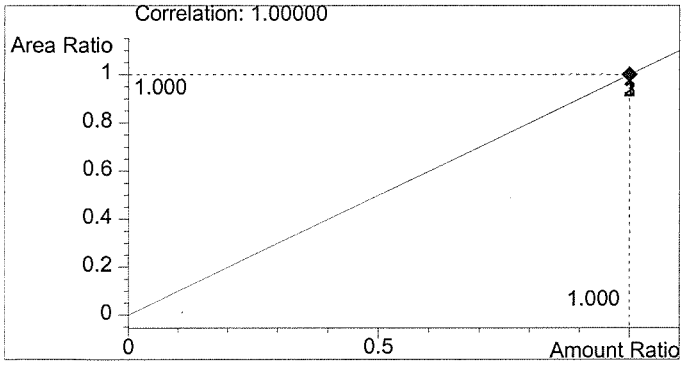


#	Compound	Area	RT
1	Ethanol	711	1.053
2	n-Propanol	3298	1.842

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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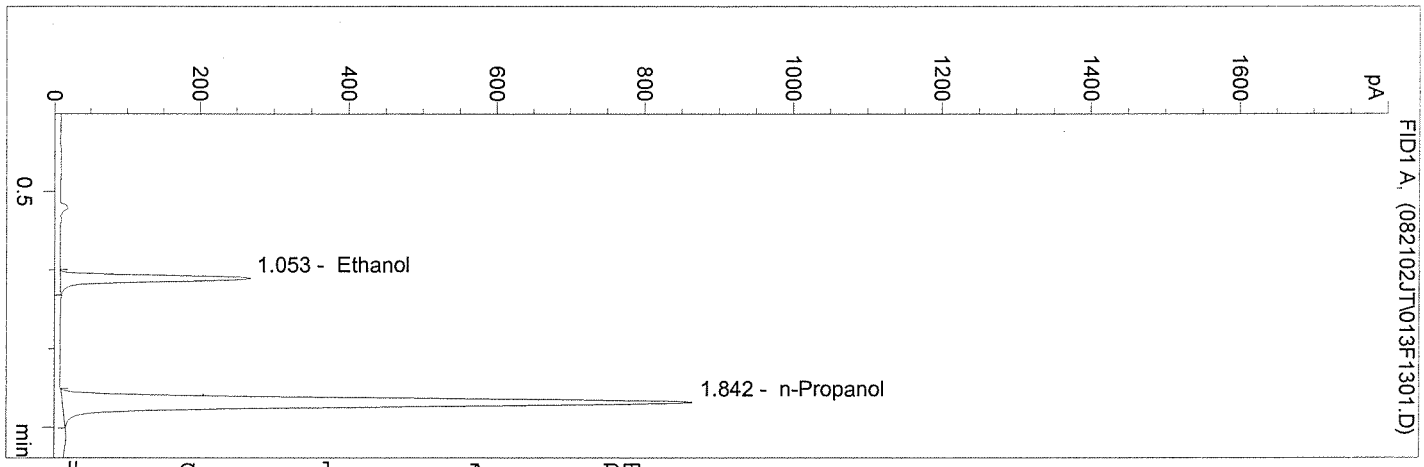
Instrument 2
DR-ALC1

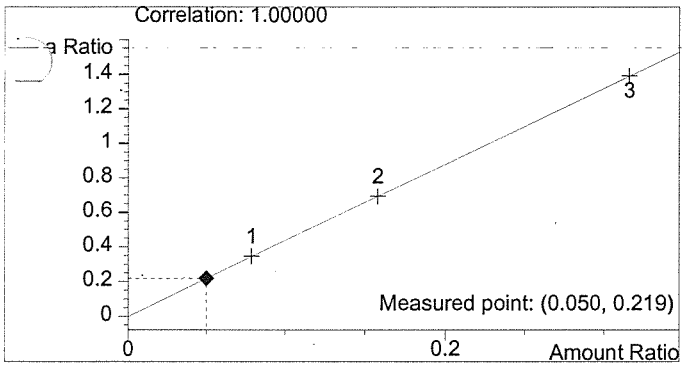
02031-2
JAYNE THATCHER

vial # 13

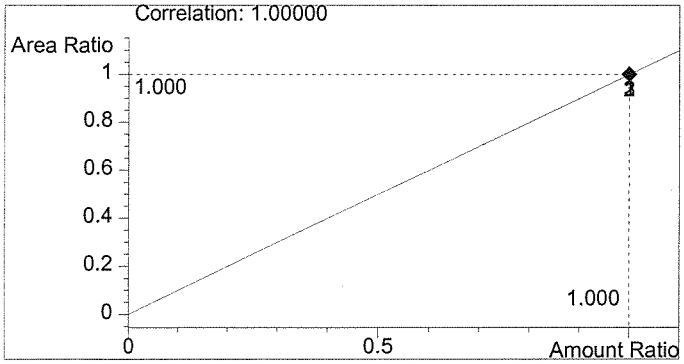


#	Compound	Area	RT
1	Ethanol	717	1.053
2	n-Propanol	3281	1.842

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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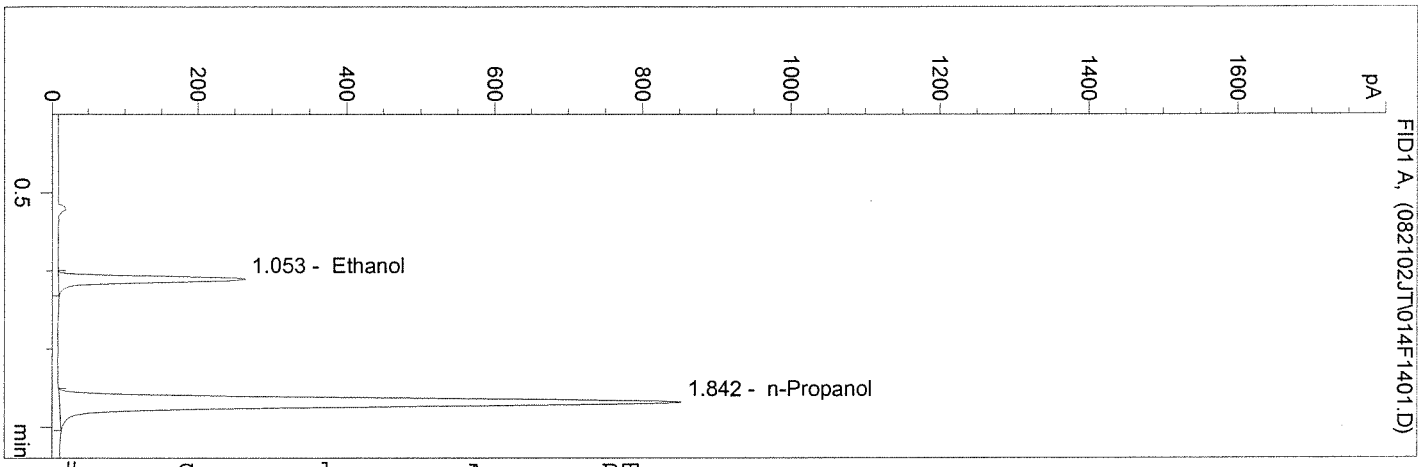
8/21/02 2:56:40 PM
Instrument 2
DR-ALC1

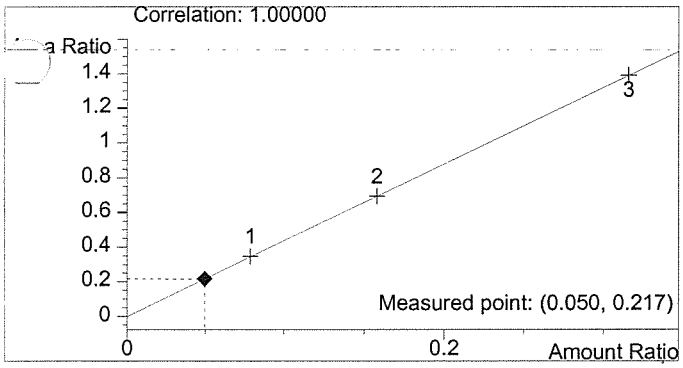
02031-3
JAYNE THATCHER

vial # 14

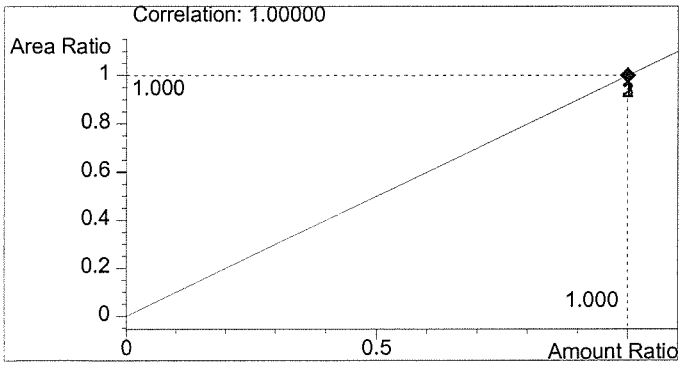


#	Compound	Area	RT
1	Ethanol	707	1.053
2	n-Propanol	3257	1.842

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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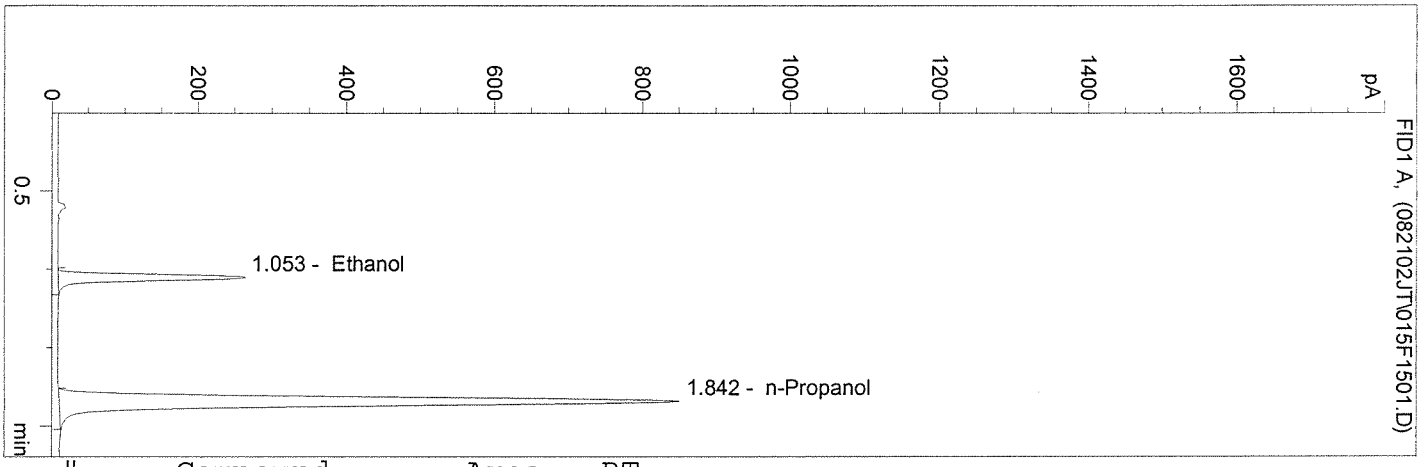
Instrument 2
DB-ALC1

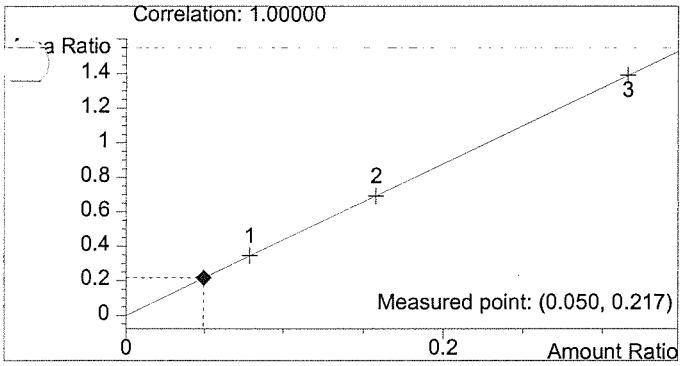
02031-4
JAYNE THATCHER

vial # 15

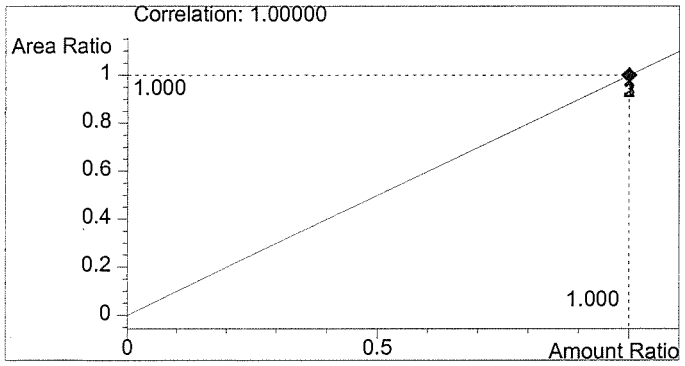


#	Compound	Area	RT
1	Ethanol	704	1.053
2	n-Propanol	3239	1.842

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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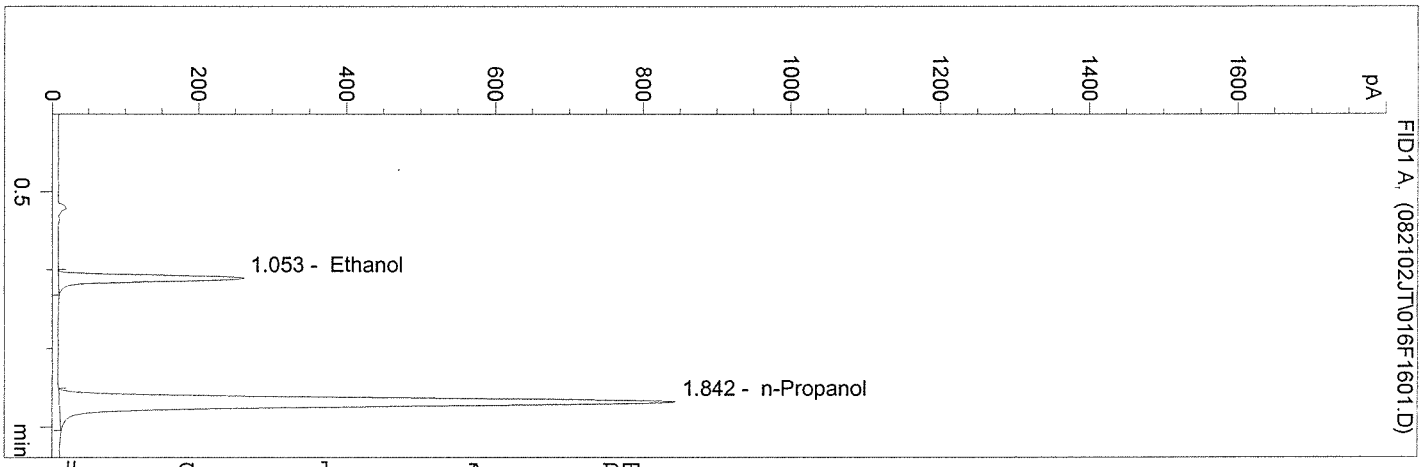
Instrument 2
DB-ALC1

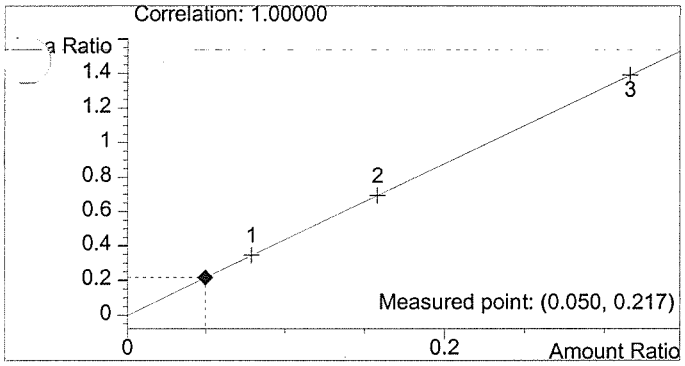
02031-5
JAYNE THATCHER

vial # 16

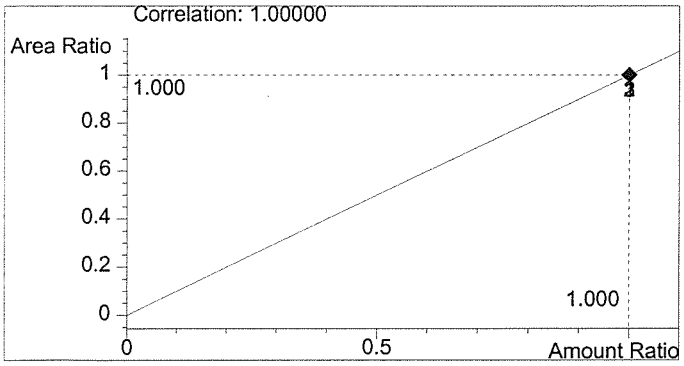


#	Compound	Area	RT
1	Ethanol	701	1.053
2	n-Propanol	3228	1.842

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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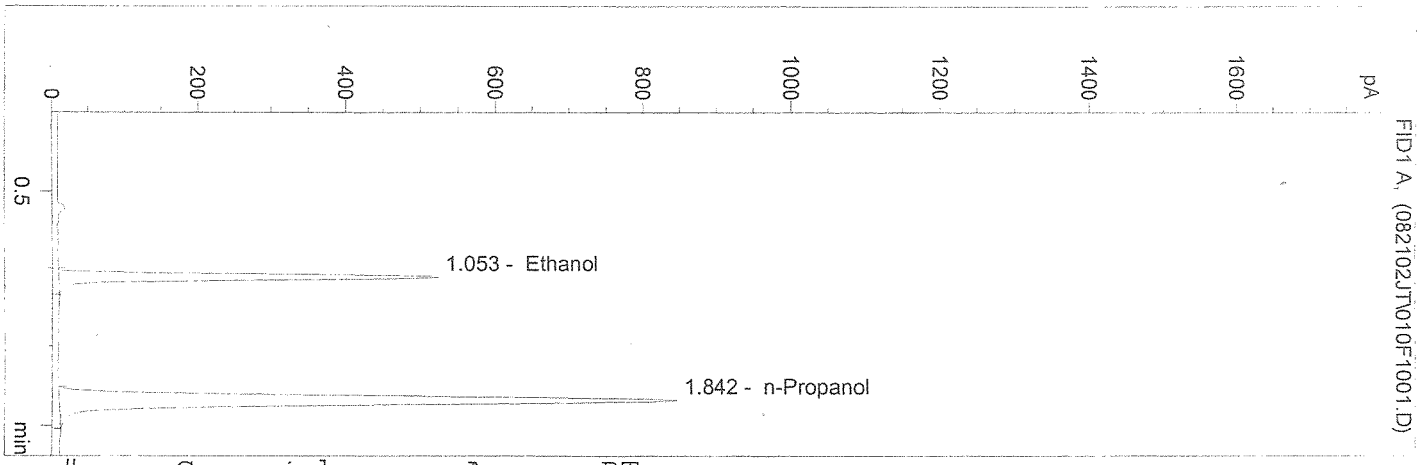
Instrument 2
DB-ALC1

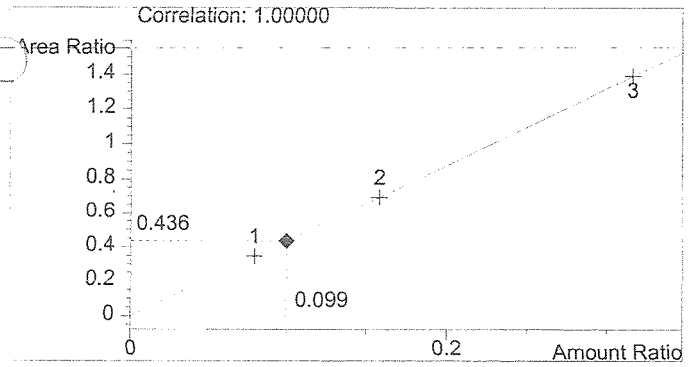
0.10 CONTROL
JAYNE THATCHER

vial # 10

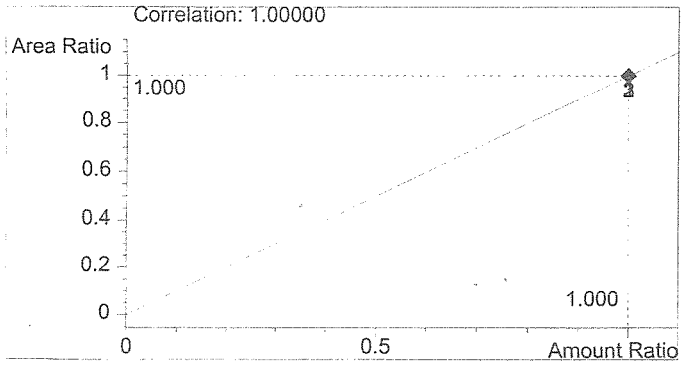


#	Compound	Area	RT
1	Ethanol	1415	1.053
2	n-Propanol	3244	1.842

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
DB-ALC1

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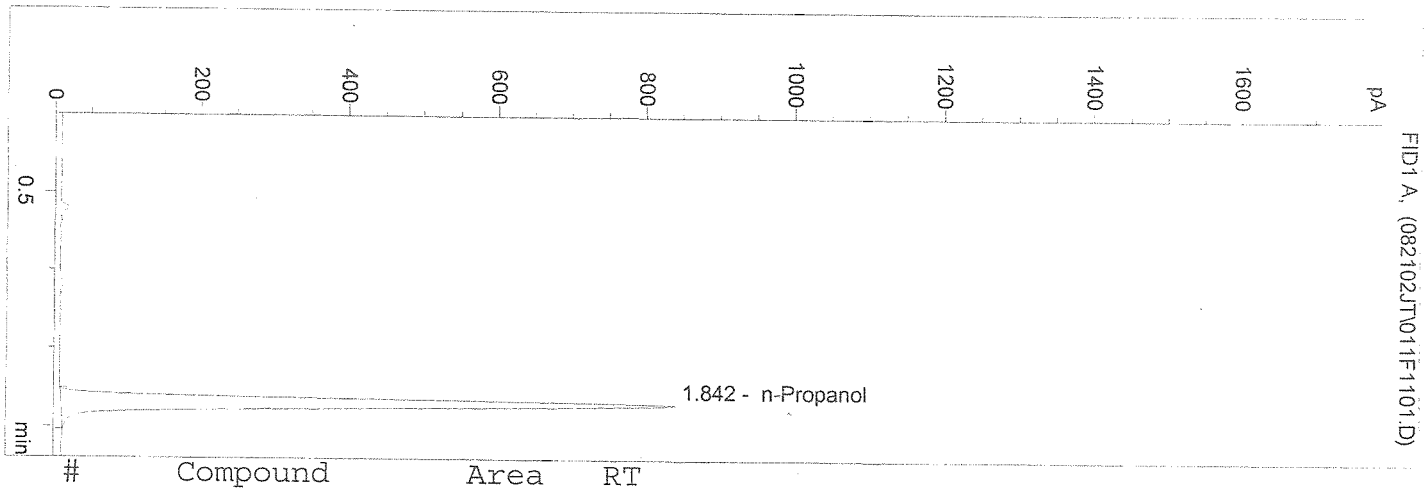
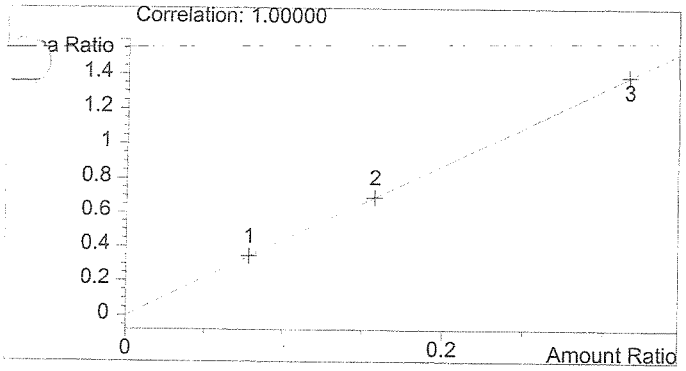
JAYNE THATCHER

vial # 11

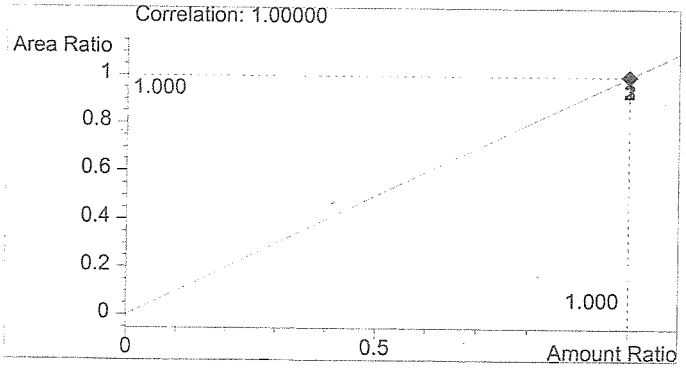


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3214	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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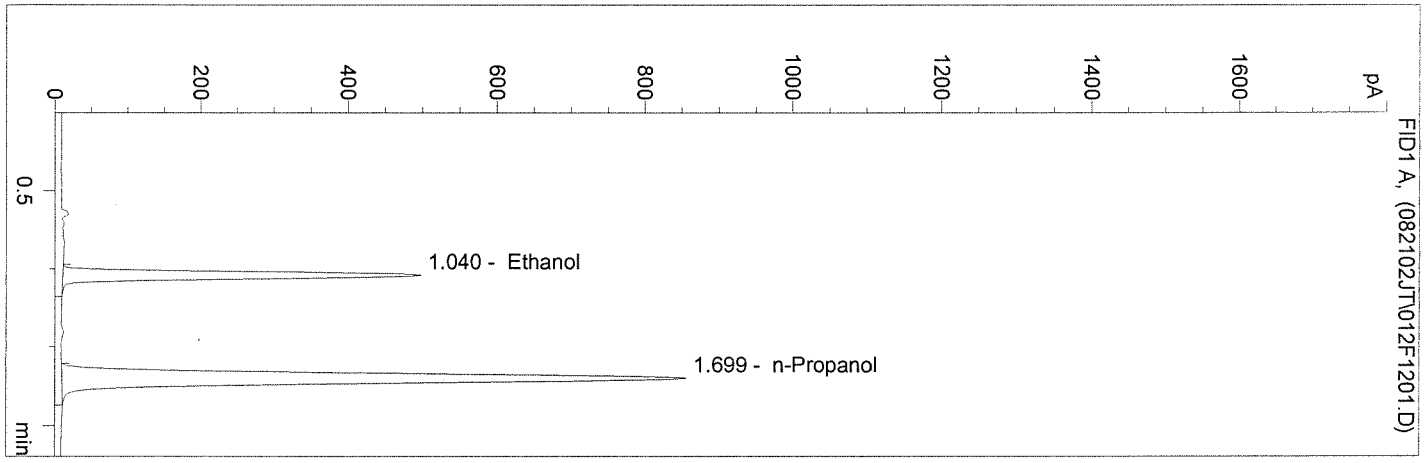
Instrument 1
DB-ALC1

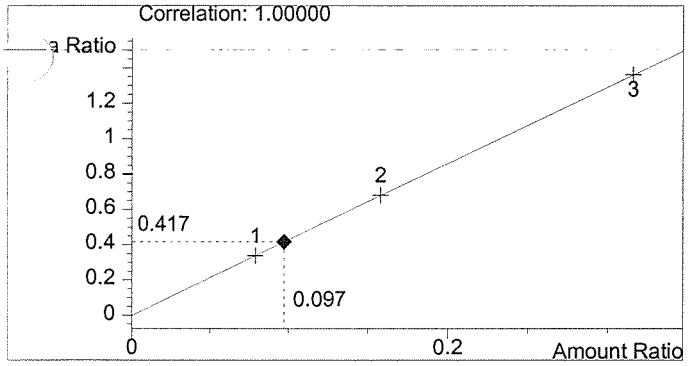
02032-1
JAYNE THATCHER

vial # 12

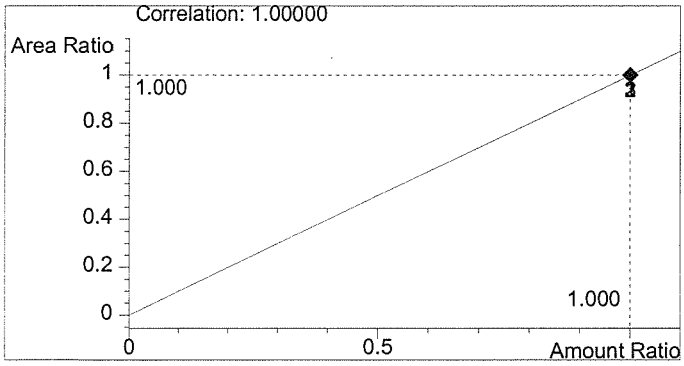


#	Compound	Area	RT
1	Ethanol	1491	1.040
2	n-Propanol	3576	1.699

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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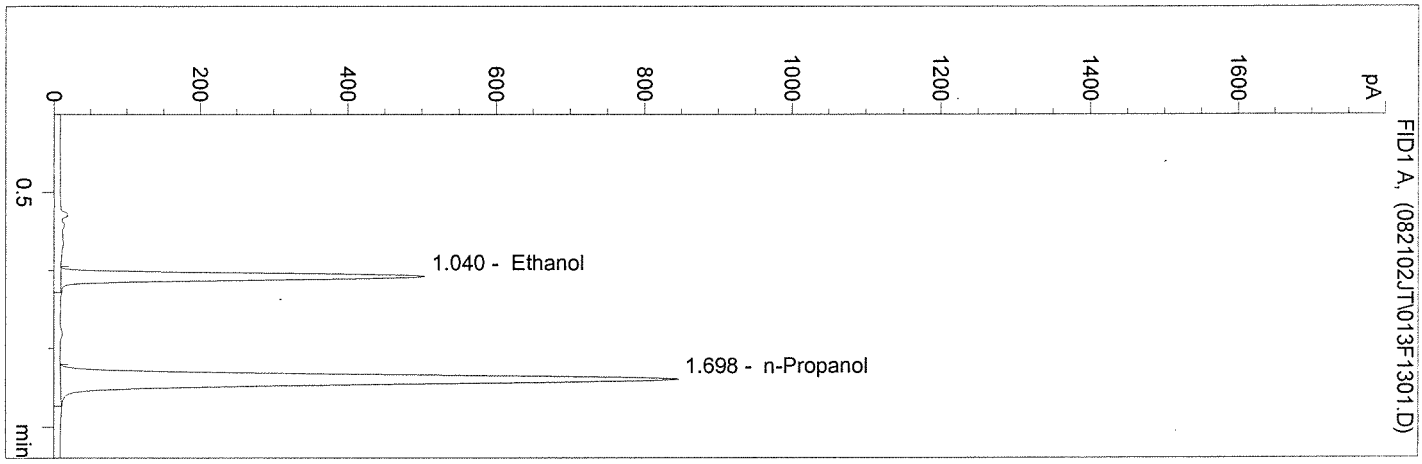
Instrument 1
DB-ALC1

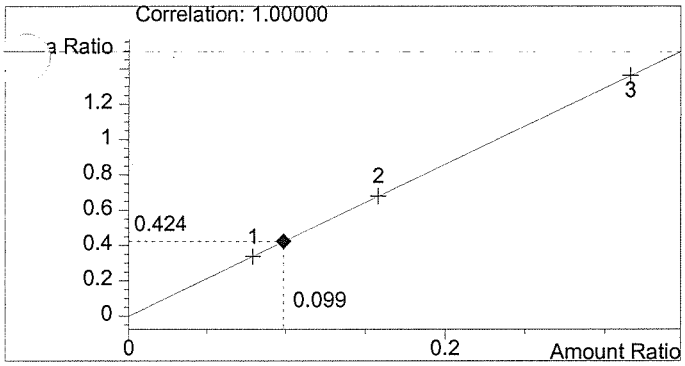
02032-2
JAYNE THATCHER

vial # 13

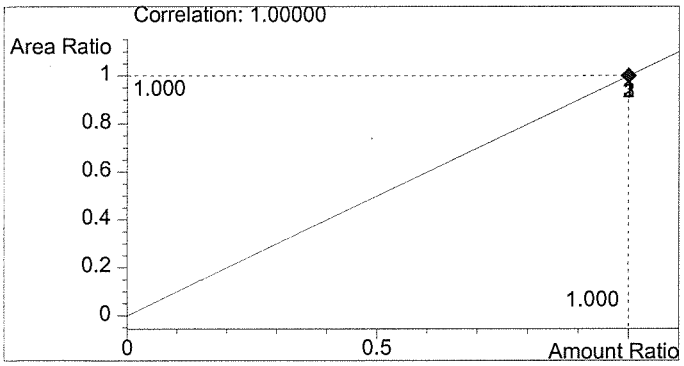


#	Compound	Area	RT
1	Ethanol	1486	1.040
2	n-Propanol	3509	1.698

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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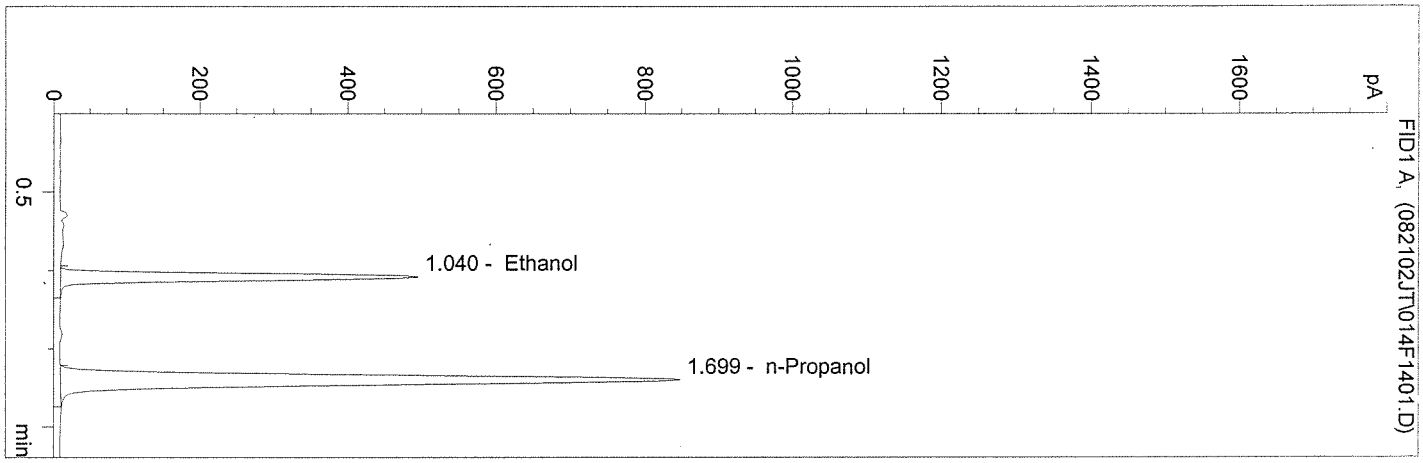
Instrument 1
DB-ALC1

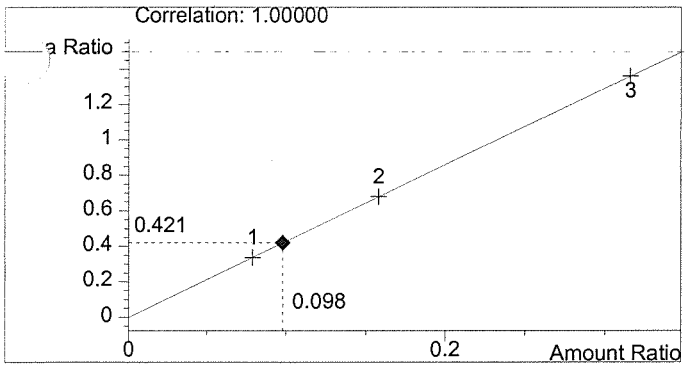
02032-3
JAYNE THATCHER

vial # 14

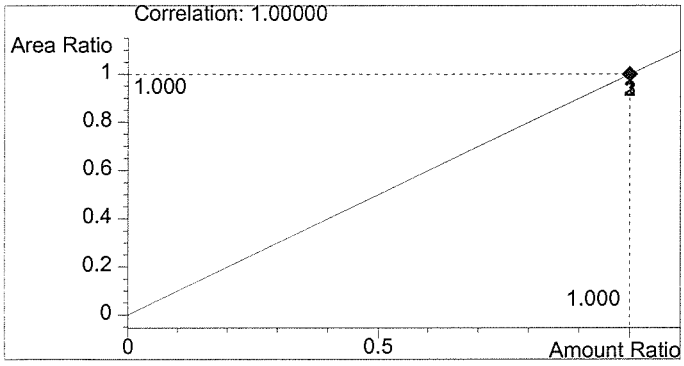


#	Compound	Area	RT
1	Ethanol	1500	1.040
2	n-Propanol	3562	1.699

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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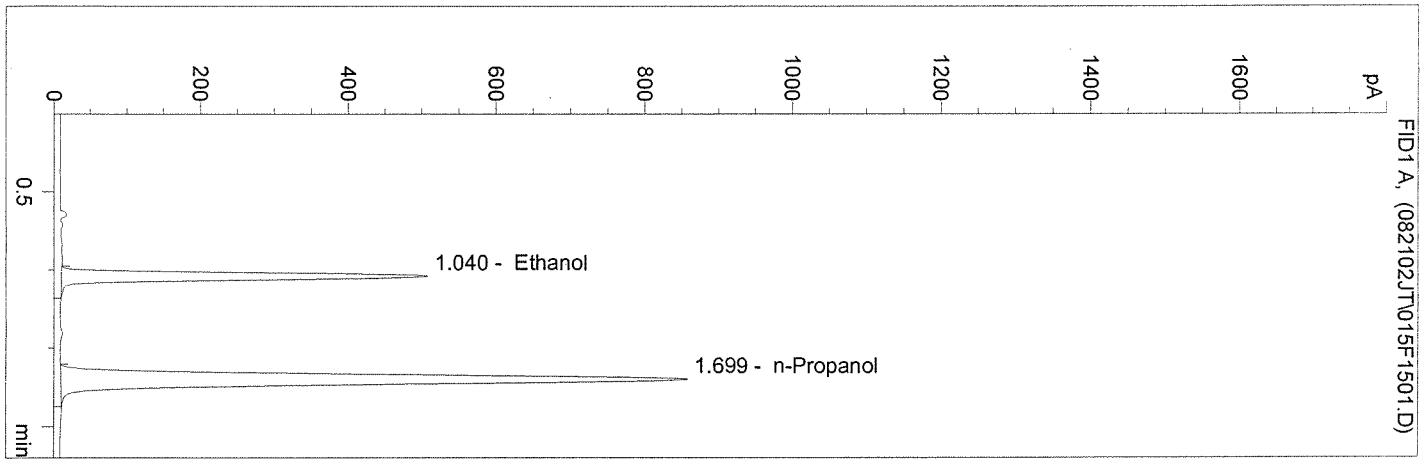
Instrument 1
DB-ALC1

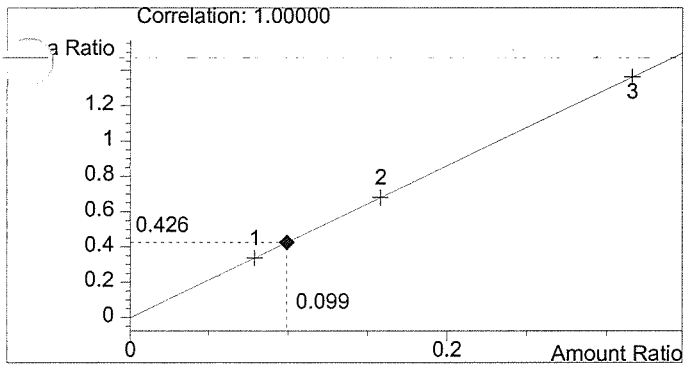
02032-4
JAYNE THATCHER

vial # 15

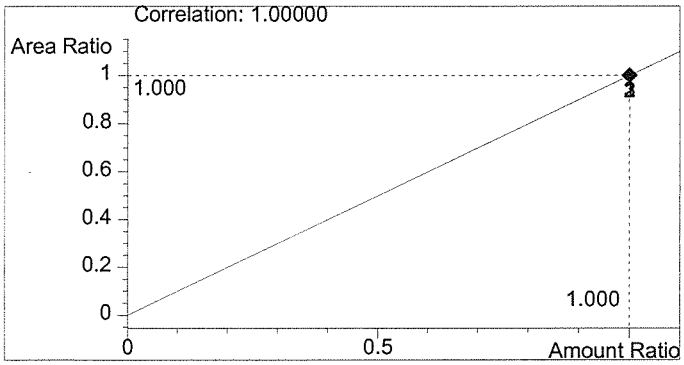


#	Compound	Area	RT
1	Ethanol	1526	1.040
2	n-Propanol	3585	1.699

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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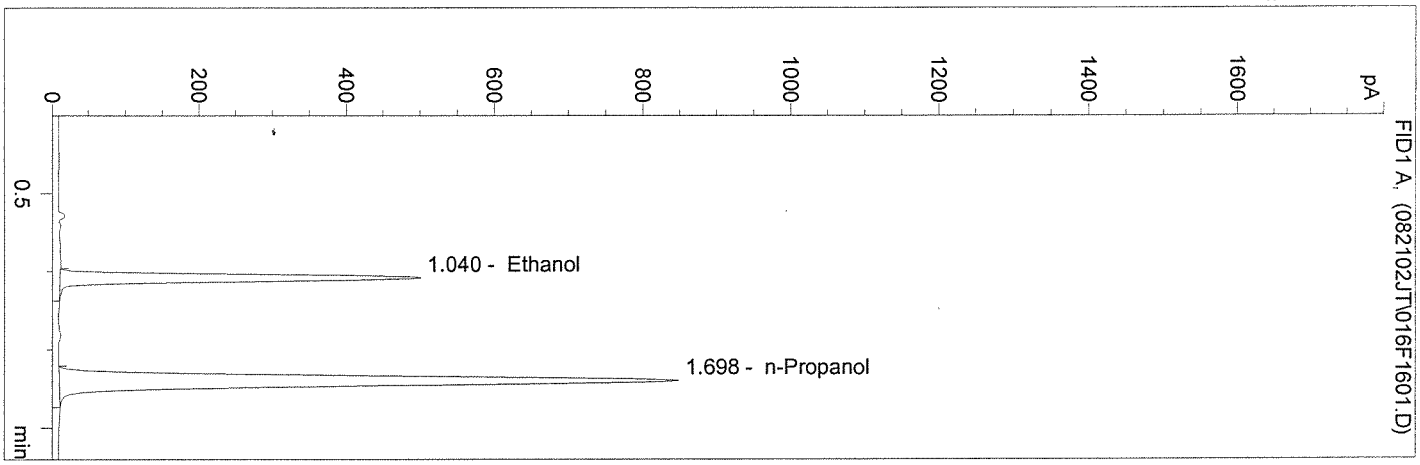
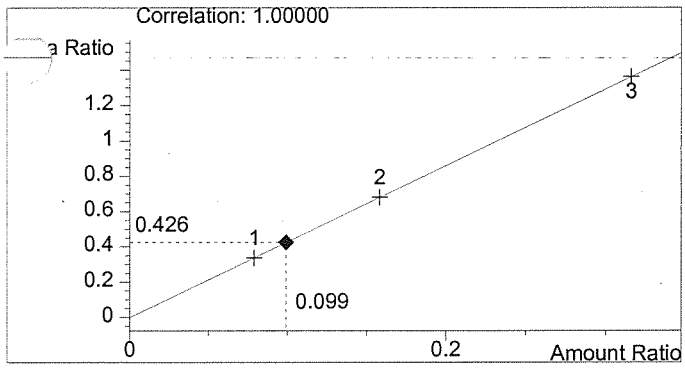
Instrument 1
DB-ALC1

02032-5
JAYNE THATCHER

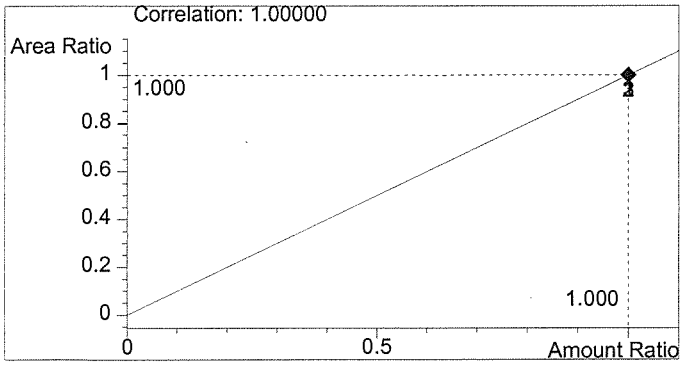
vial # 16



#	Compound	Area	RT
1	Ethanol	1507	1.040
2	n-Propanol	3536	1.698
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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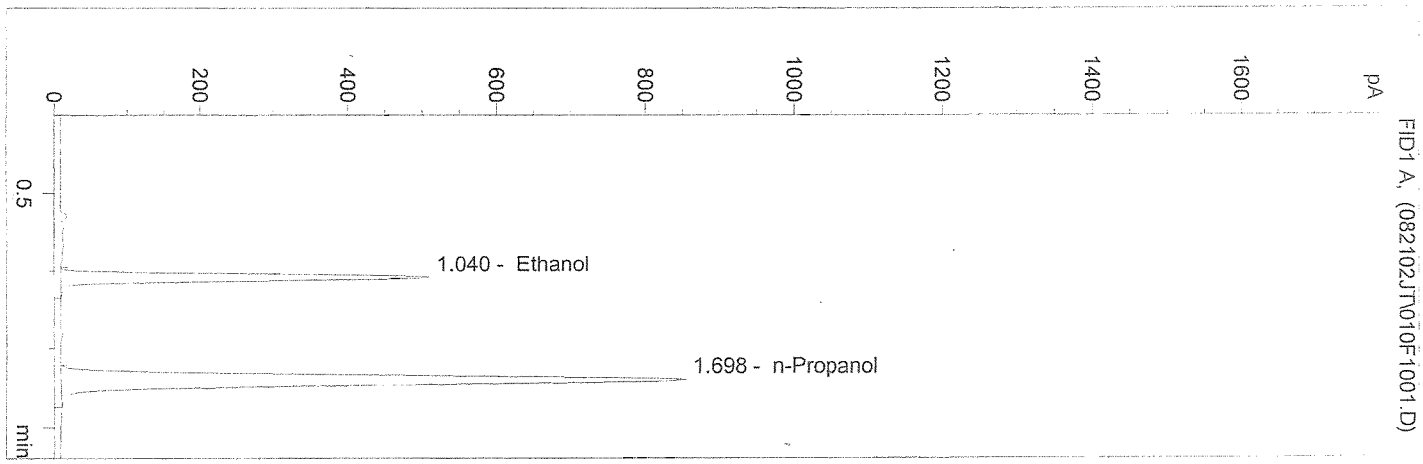
Instrument 1
-ALC1

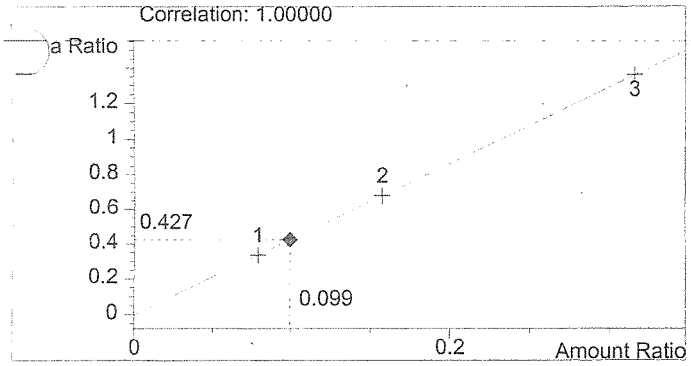
0.10 CONTROL
JAYNE THATCHER

vial # 10

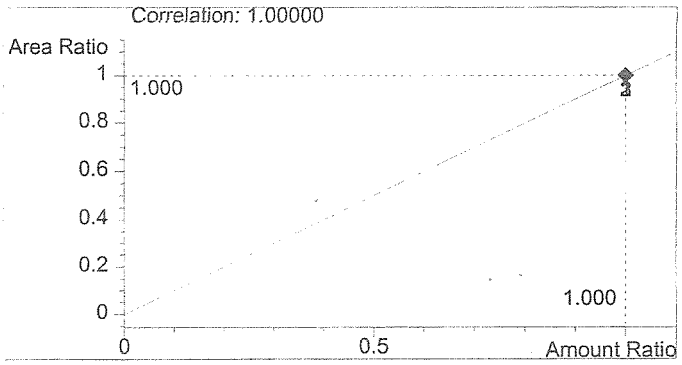


#	Compound	Area	RT
1	Ethanol	1520	1.040
2	n-Propanol	3560	1.698

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
-ALC1

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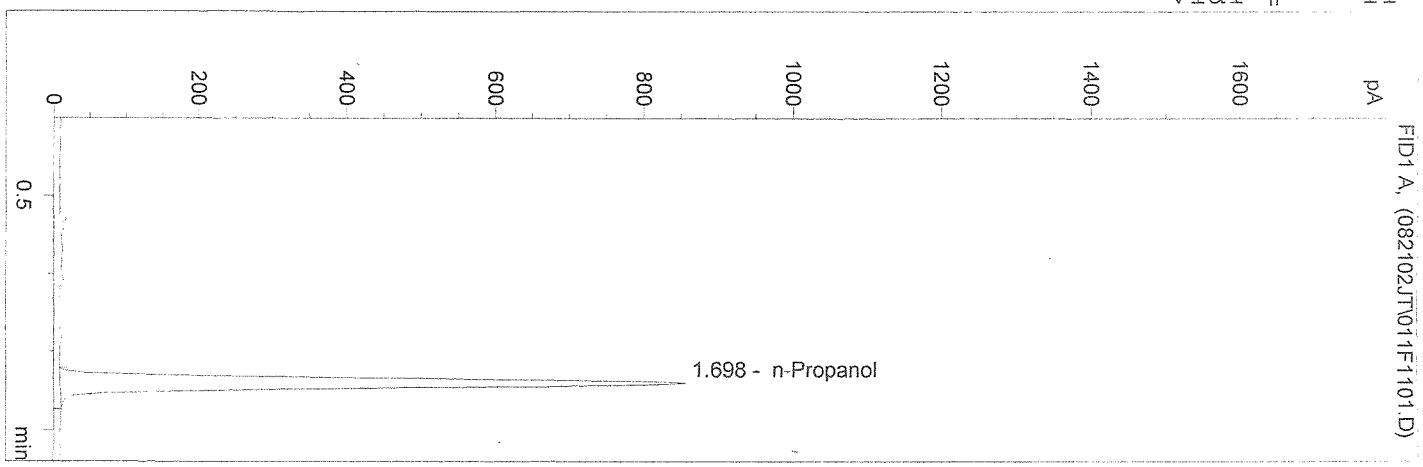
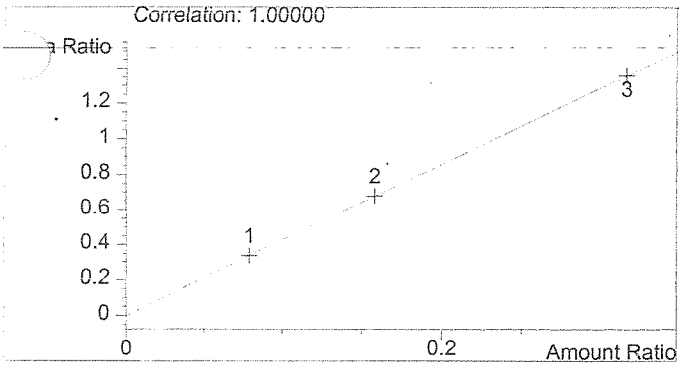
JAYNE THATCHER

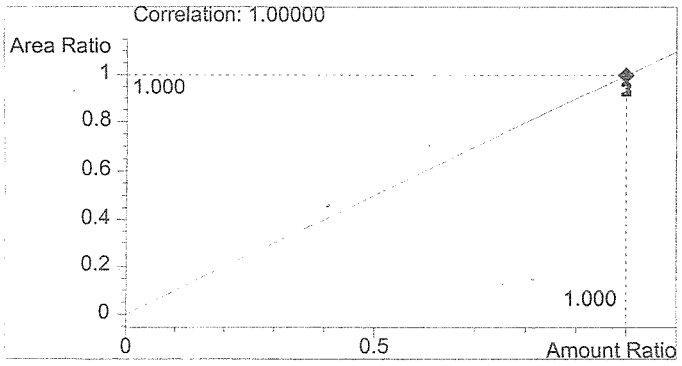
vial # 11



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3572	1.698
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
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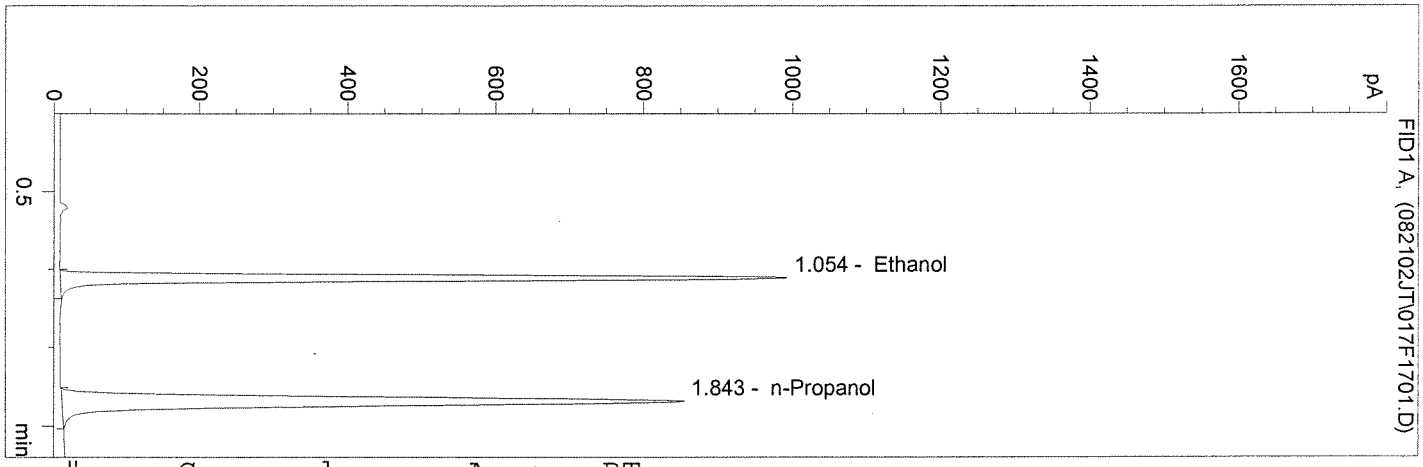
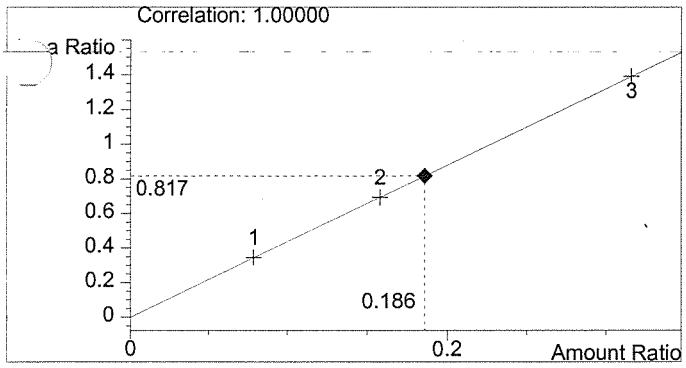
02033-1
JAYNE THATCHER

vial # 17

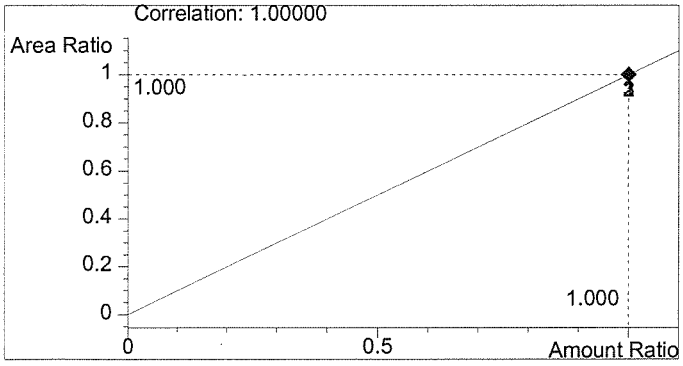


#	Compound	Area	RT
1	Ethanol	2648	1.054
2	n-Propanol	3240	1.843

Totals:



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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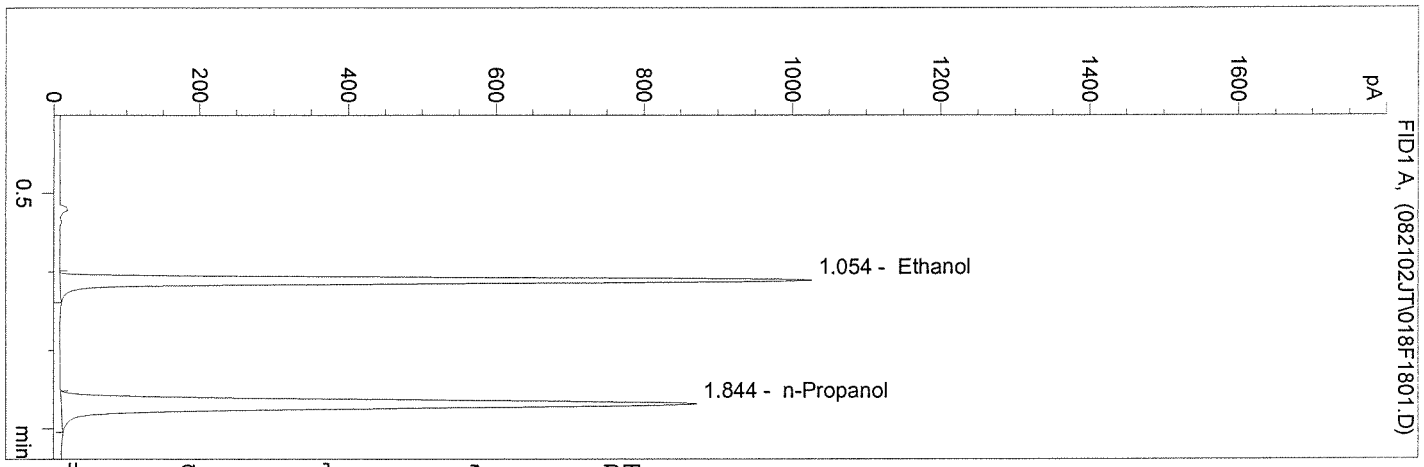
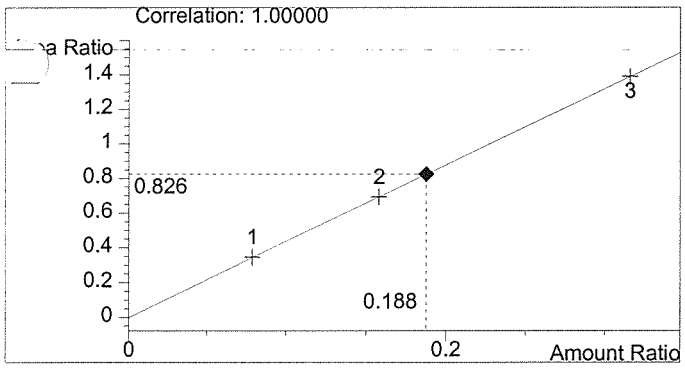
Instrument 2
DB-ALC1

02033-2
JAYNE THATCHER

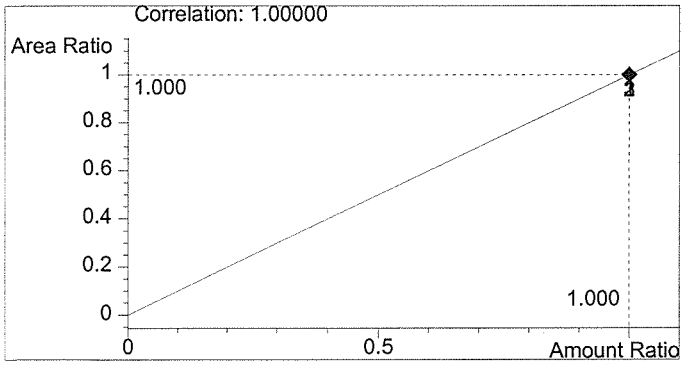
vial # 18



#	Compound	Area	RT
1	Ethanol	2737	1.054
2	n-Propanol	3314	1.844
Totals:			



Ethanol 0.188 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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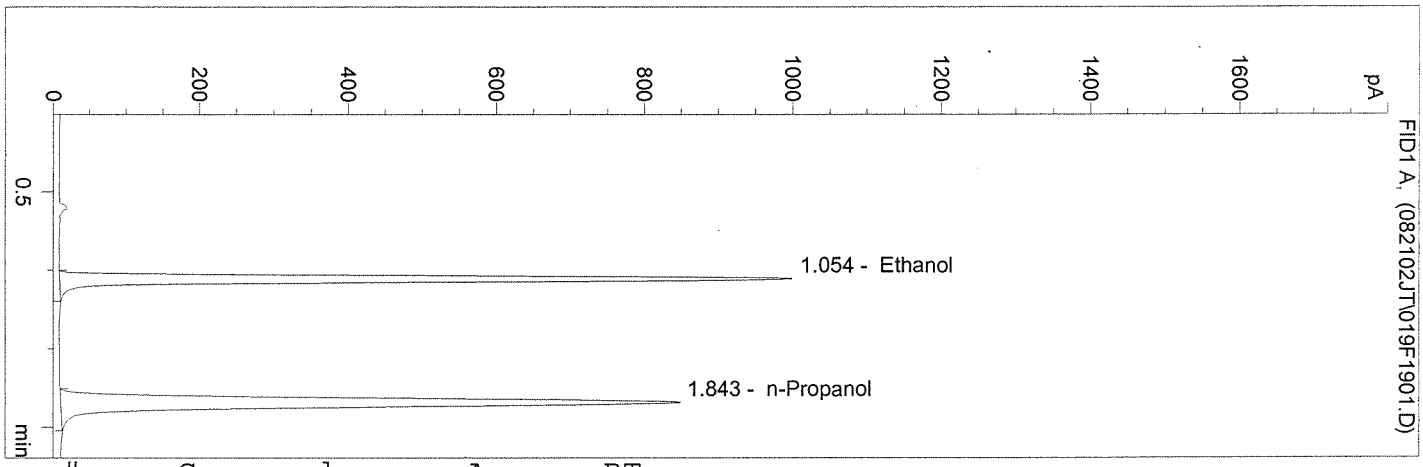
Instrument 2
DB-ALC1

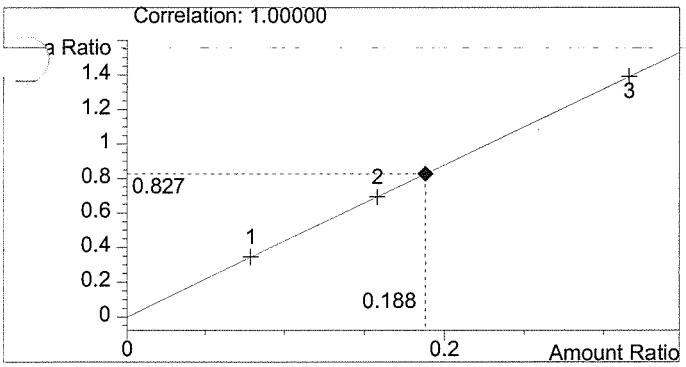
02033-3
JAYNE THATCHER

vial # 19

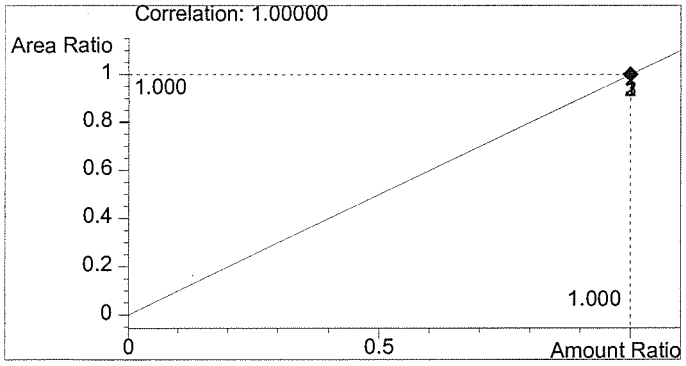


#	Compound	Area	RT
1	Ethanol	2671	1.054
2	n-Propanol	3228	1.843

Totals:



Ethanol 0.188 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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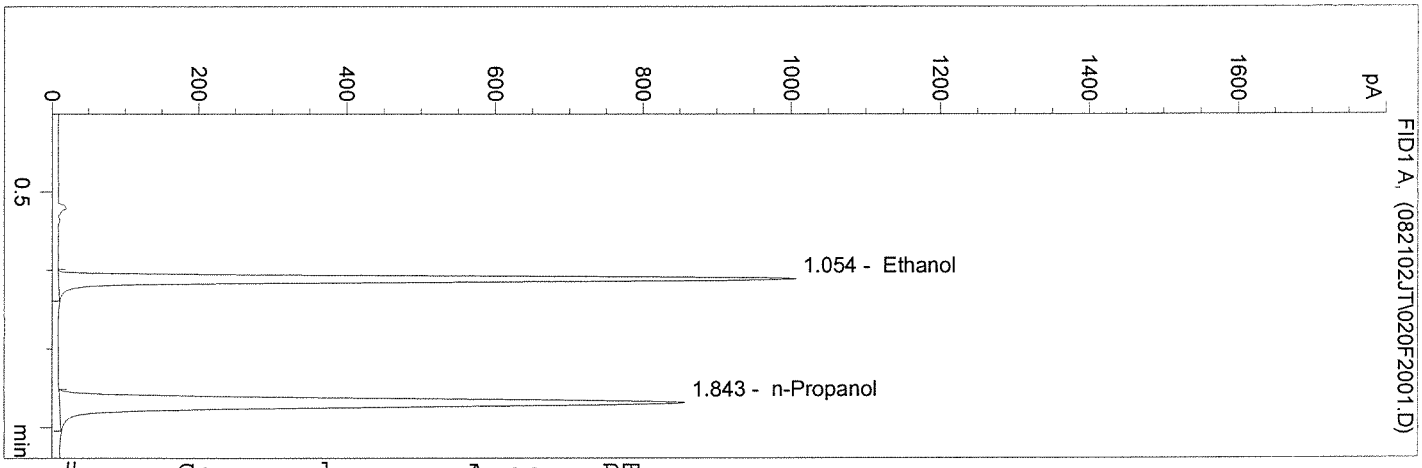
Instrument 2
DB-ALC1

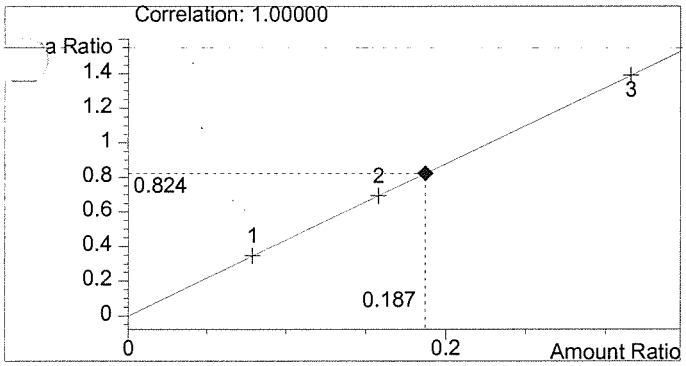
02033-4
JAYNE THATCHER

vial # 20

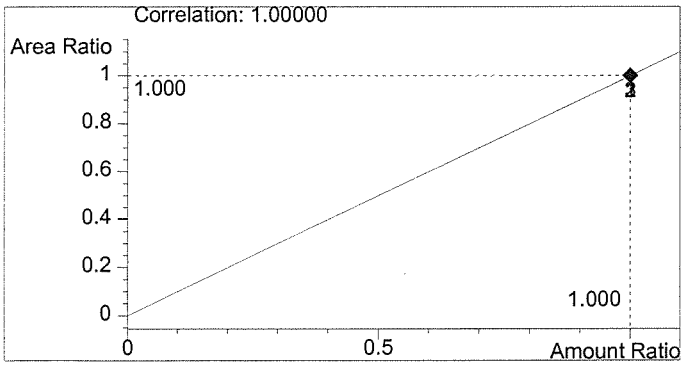


#	Compound	Area	RT
1	Ethanol	2681	1.054
2	n-Propanol	3254	1.843

Totals:



Ethanol 0.187 g/100ml



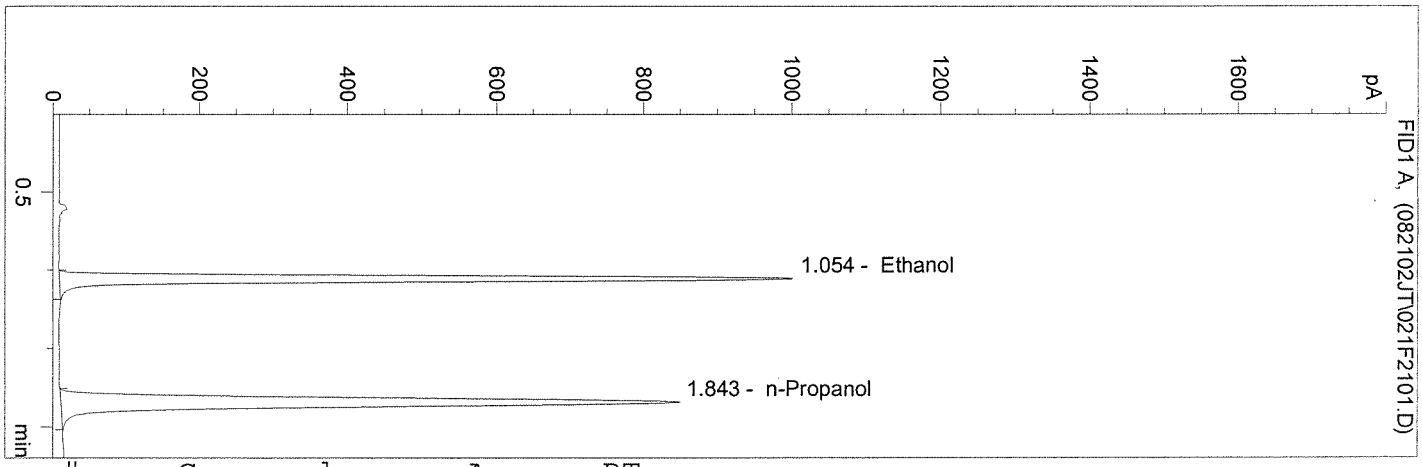
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
8/21/02 3:18:18 PM
Instrument 2
DB-ALC1

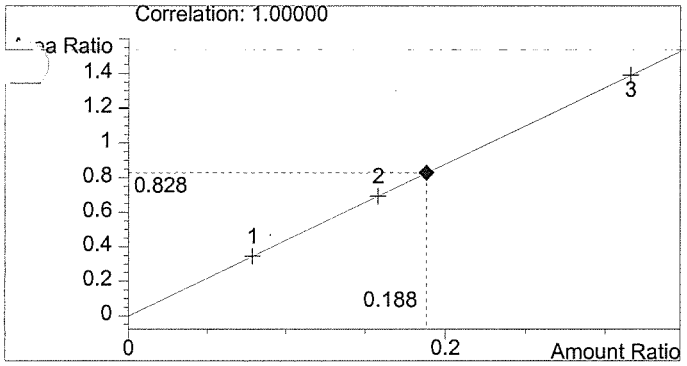
02033-5
JAYNE THATCHER

vial # 21

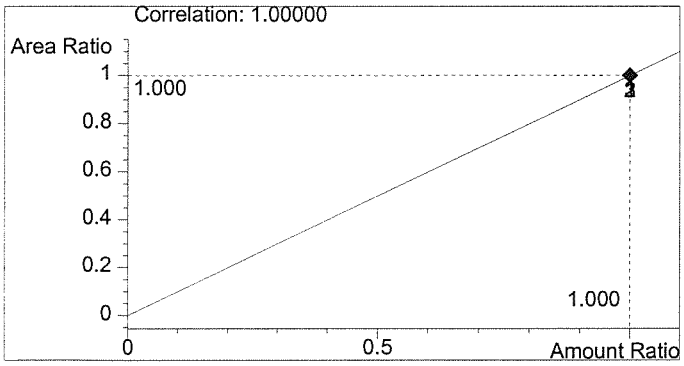


#	Compound	Area	RT
1	Ethanol	2668	1.054
2	n-Propanol	3221	1.843

Totals:



Ethanol 0.188 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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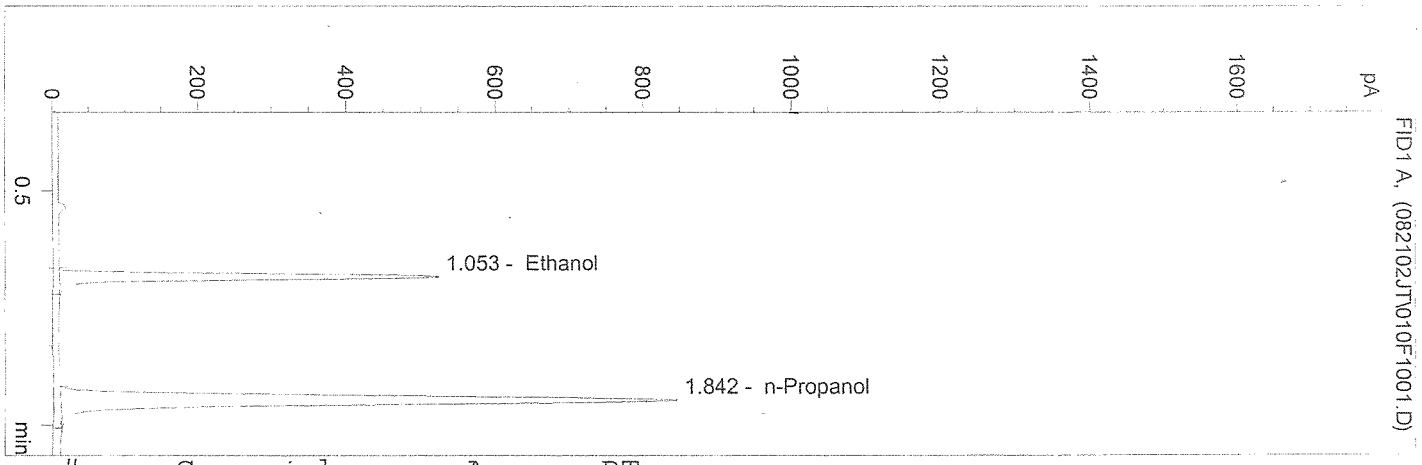
Instrument 2
DB-ALC1

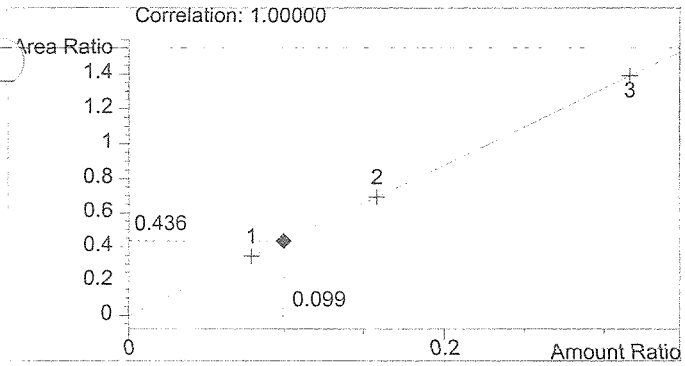
0.10 CONTROL
JAYNE THATCHER

vial # 10

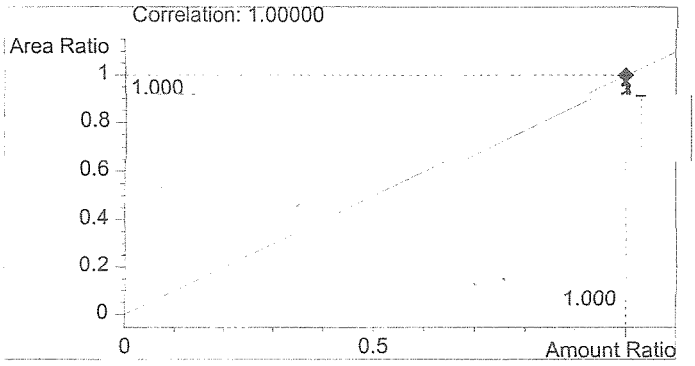


#	Compound	Area	RT
1	Ethanol	1415	1.053
2	n-Propanol	3244	1.842

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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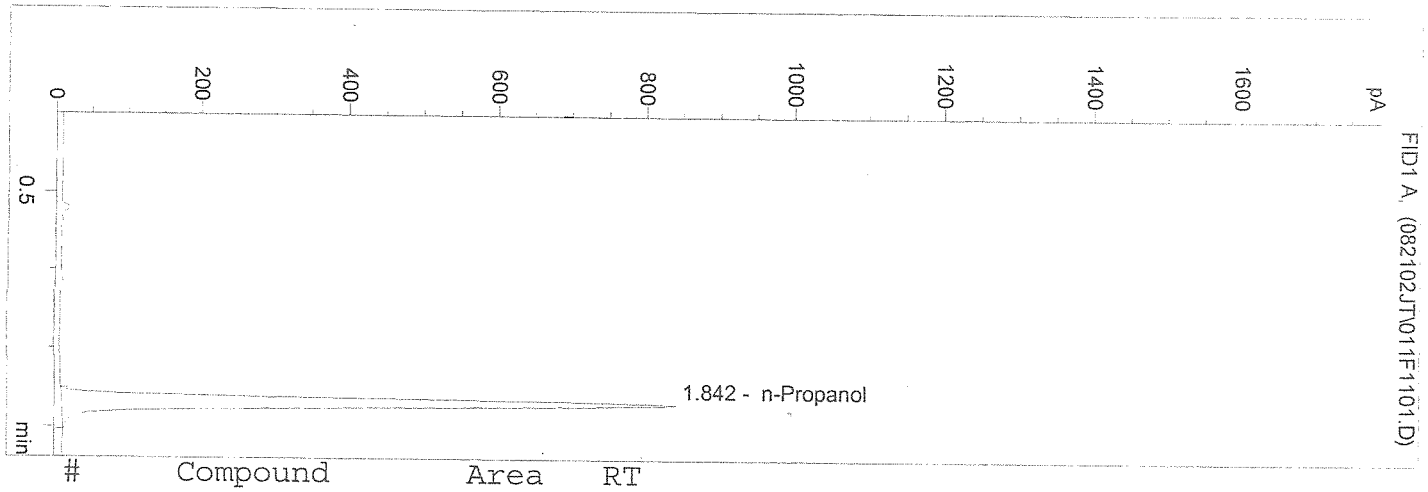
8/21/02 2:47:18 PM
Instrument 2
B-ALC1

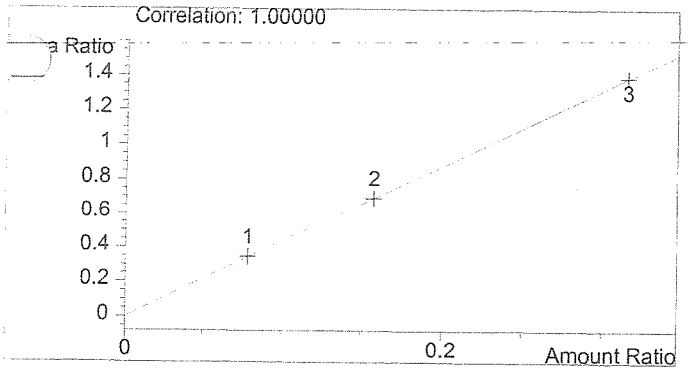
BLANK
JAYNE THATCHER

vial # 11

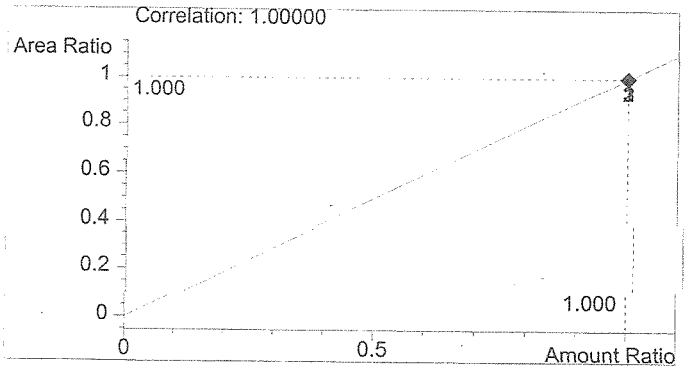


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3214	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml