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 **Quality Assurance solution**

Batch number **02024** Date: 7/9/2002

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	0.099	0.099	0.099									
2	0.099	0.099	0.099									
3	0.100	0.099	0.099									
4	0.099	0.099	0.099									
5	0.099	0.099	0.099									
Ctrl	0.100	0.099	0.099									

External Control:

Lot #: A021986 Exp date: A021986

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0991 g/100 mL

SD: 0.00026

Range (3xSD): 0.0983 to 0.0998

Precision CV (%): 0.2606 %

Equivalent vapor concent.: 0.0805 g/210L

Analyst	Name	Signature	Date
1	Estuardo J. Miranda	EJMiranda	07/10/02
2	Eugene Schwilke	Eugene Schwilke	07/10/02
3	Ruth Luthi	Ruth Luthi	07/11/02
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Prepared by: Estuardo J. Miranda according to the approved protocol

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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Estuardo J. Miranda, 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 testing 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 quality assurance solution, Lot Number 02024 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.0991 grams per 100mL.

Dated: 7/12/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 alcohol solutions for the BAC Verifier Data Master breath testing 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 02024 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0991 grams per 100ml.

Dated: 7/12/02
Seattle, WA

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

GS/nf
GSQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Ruth Luthi, 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: 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 quality assurance solution, Lot Number 02024, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0991 grams per 100ml.

Dated: 7/12/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLQA

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Preparation and certification of **0.10** g/210L **Quality Assurance solution**

Batch number **02025** Date: 7/11/2002

Preparation: 28.9 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	0.126	0.128	0.128									
2	0.126	0.129	0.129									
3	0.126	0.128	0.128									
4	0.126	0.129	0.128									
5	0.126	0.129	0.129									
Ctrl	0.098	0.101	0.100									

External Control:

Lot #: A021986 Exp date: 01/2005

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1277 g/100 mL

SD: 0.00129

Range (3xSD): 0.1238 to 0.1315

Precision CV (%): 1.0112 %

Equivalent vapor concent.: 0.1038 g/210L

Analyst	Name	Signature	Date
1	Estuardo J. Miranda	EJMiranda	07/12/02
2	Eugene Schwilke	Gene Schwilke	07/17/02
3	Jayne E. Thatcher	Jayne E. Thatcher	07/18/02
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Prepared by: Estuardo J. Miranda according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Estuardo J. Miranda, 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 testing 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 quality assurance solution, Lot Number 02025 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.1277 grams per 100mL.

Dated: 7/29/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 alcohol solutions for the BAC Verifier Data Master breath testing 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 02025 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1277 grams per 100ml.

Dated: 7/29/02
Seattle, WA

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

GS/nf
GSQA

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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 02025, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1277 grams per 100ml.

Dated: 7/29/02
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 **02026** Date: 7/11/2002

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	0.184	0.185									
2	0.185	0.184	0.187									
3	0.184	0.185	0.188									
4	0.184	0.185	0.187									
5	0.184	0.184	0.187									
Ctrl	0.098	0.096	0.101									

External Control:

Lot #: A021986 Exp date: 01/2005

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1851 g/100 mL

SD: 0.00141

Range (3xSD): 0.1809 to 0.1894

Precision CV (%): 0.7602 %

Equivalent vapor concent.: 0.1505 g/210L

Analyst	Name	Signature	Date
1	Estuardo J. Miranda	E. Miranda Jr	07/12/02
2	Eugene Schwilke	Gene Schwilke	07/17/02
3	Jayne E. Thatcher	Jayne E. Thatcher	07/18/02
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Prepared by: Estuardo J. Miranda according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Estuardo J. Miranda, 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 testing 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 quality assurance solution, Lot Number 02026 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.1851 grams per 100mL.

Dated: 7/29/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 alcohol solutions for the BAC Verifier Data Master breath testing 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 02026 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1851 grams per 100ml.

Dated: 7/29/02
Seattle, WA

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

GS/nf
GSQA

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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 02026, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1851 grams per 100ml.

Dated: 7/29/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTQA

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Preparation and certification of **0.04** g/210L **Quality Assurance solution**

Batch number **02027** Date: 7/11/2002

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	0.048	0.049	0.052									
2	0.048	0.049	0.050									
3	0.048	0.050	0.050									
4	0.048	0.050	0.050									
5	0.049	0.049	0.050									
Ctrl	0.098	0.099	0.100									

External Control:

Lot #: A021986 Exp date: 01/2005

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0493 g/100 mL

SD: 0.00111

Range (3xSD): 0.0460 to 0.0527

Precision CV (%): 2.2555 %

Equivalent vapor concent.: 0.0401 g/210L

Analyst	Name	Signature	Date
1	Estuardo J. Miranda	E. Miranda	07/12/02
2	Eugene Schwilke	Gene Schwilke	07/17/02
3	Jayne E. Thatcher	Jayne E. Thatcher	07/18/02
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Prepared by: Estuardo J. Miranda according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Estuardo J. Miranda, 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 testing 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 quality assurance solution, Lot Number 02027 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.0493 grams per 100mL.

Dated: 7/29/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 alcohol solutions for the BAC Verifier Data Master breath testing 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 02027 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: 7/29/02
Seattle, WA

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

GS/nf
GSQA

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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 02027, 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: 7/29/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTQA

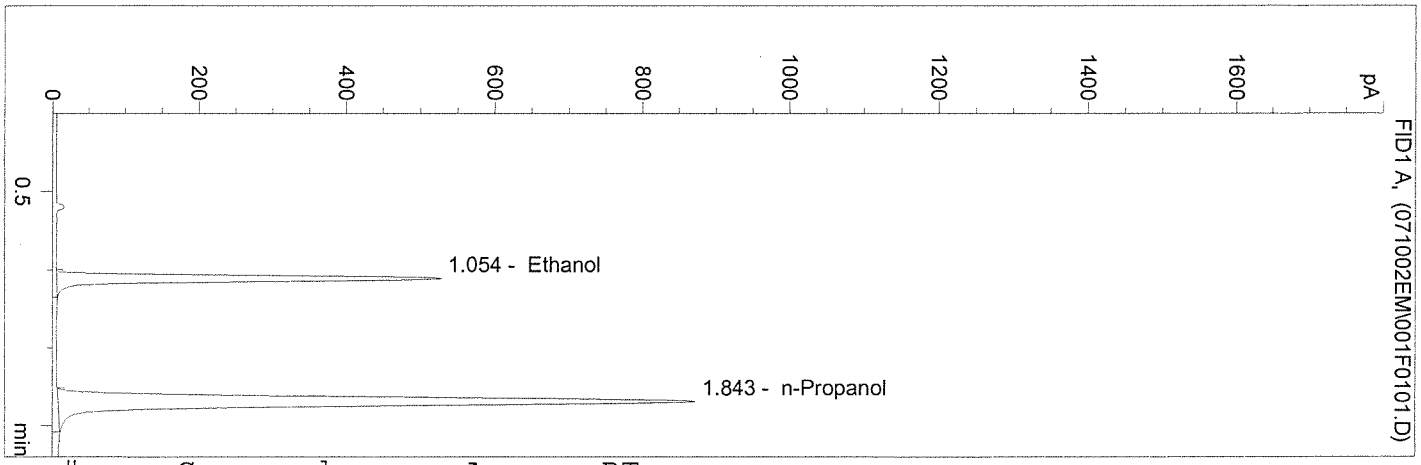
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/10/02 6:33:02 PM
Instrument 2
-ALC1

Calibration on 023984. EW

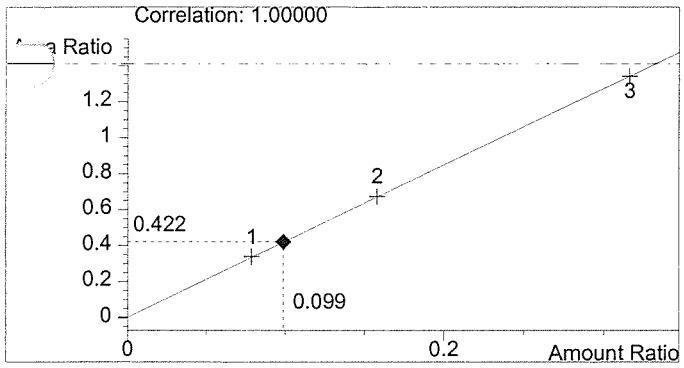
Q.A. Sol. 02024
~~GENE SCHWILKE~~ EW

vial # 1

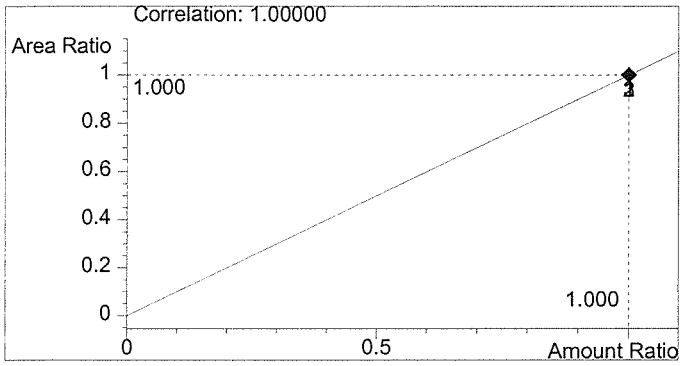


#	Compound	Area	RT
1	Ethanol	1405	1.054
2	n-Propanol	3332	1.843

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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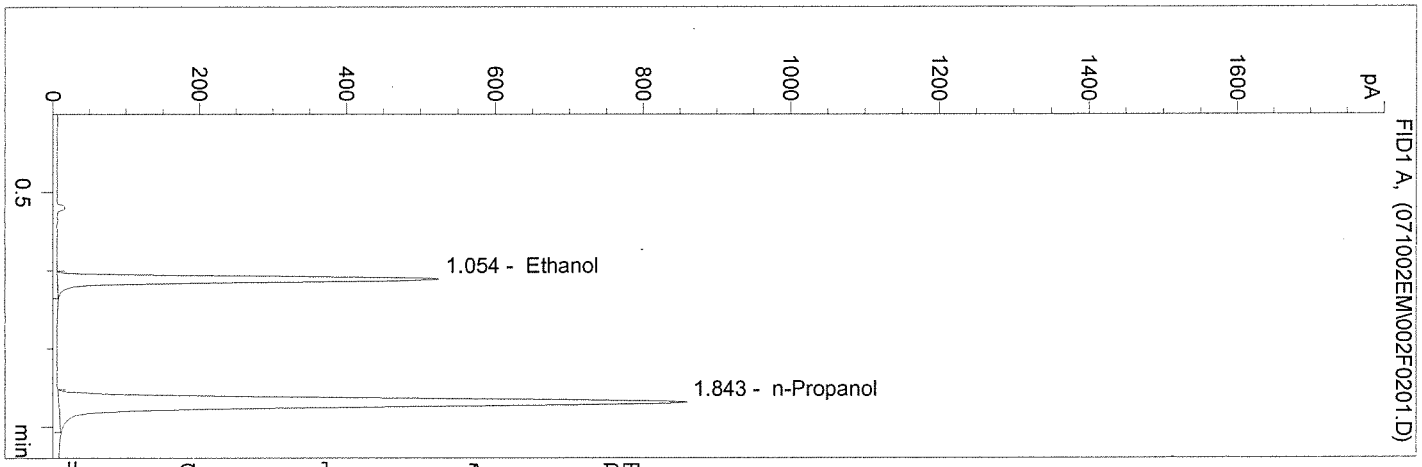
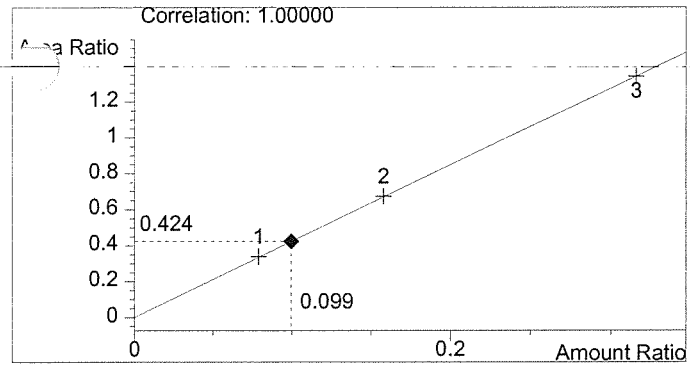
7/10/02 6:36:03 PM
Instrument 2
-ALC1

Q.A. Sol. 02024
~~GENE SCHWILKE~~
EM
vial # 2

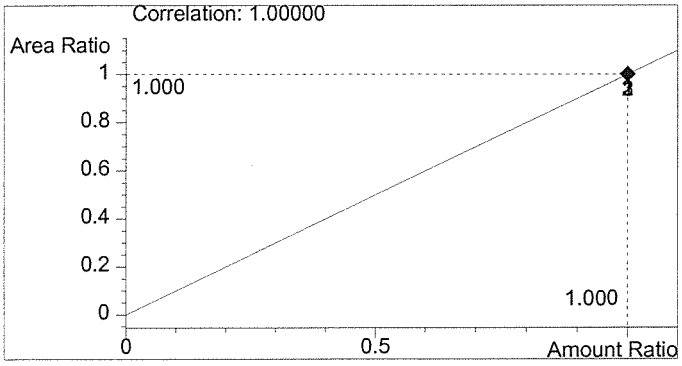


#	Compound	Area	RT
1	Ethanol	1399	1.054
2	n-Propanol	3296	1.843

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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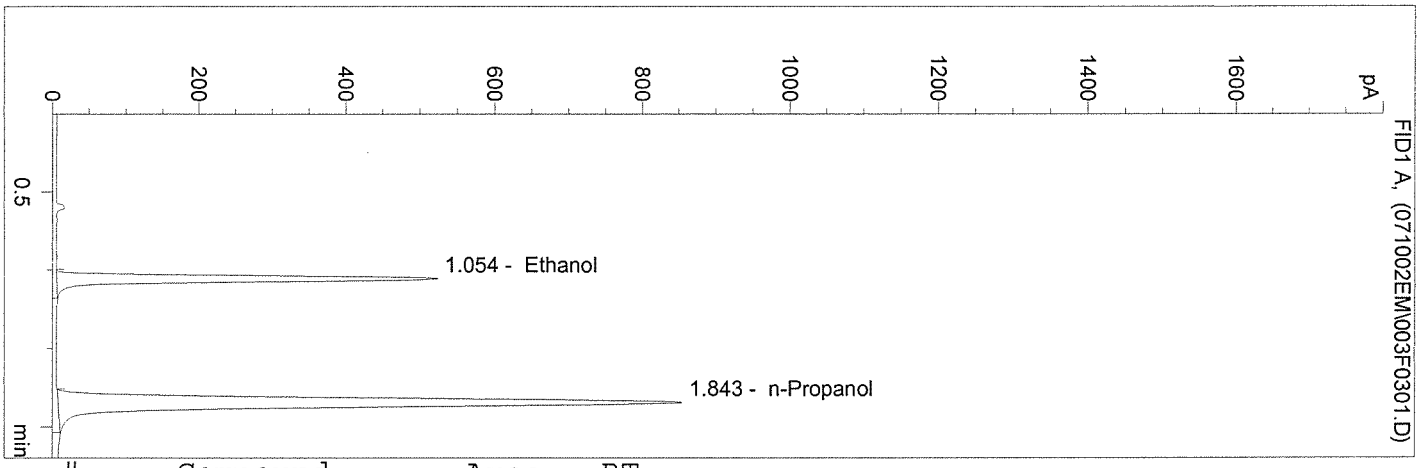
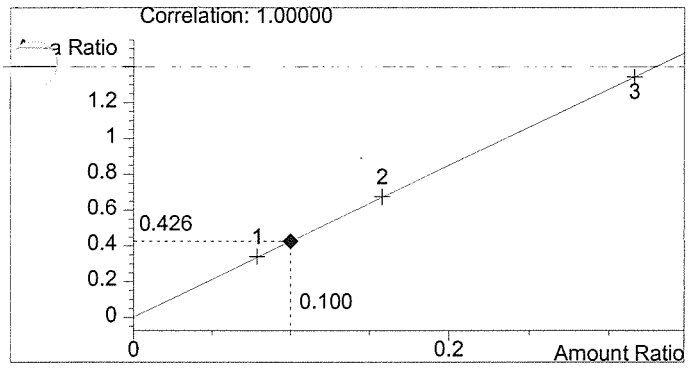
Q.A. Sol. 02024
~~GENE SCHWILKE~~ EM

vial # 3

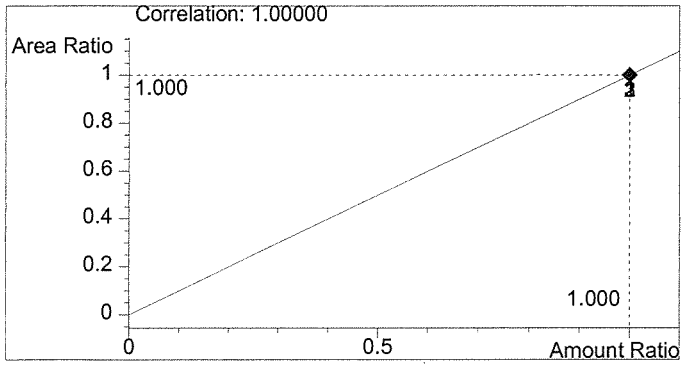


#	Compound	Area	RT
1	Ethanol	1398	1.054
2	n-Propanol	3281	1.843

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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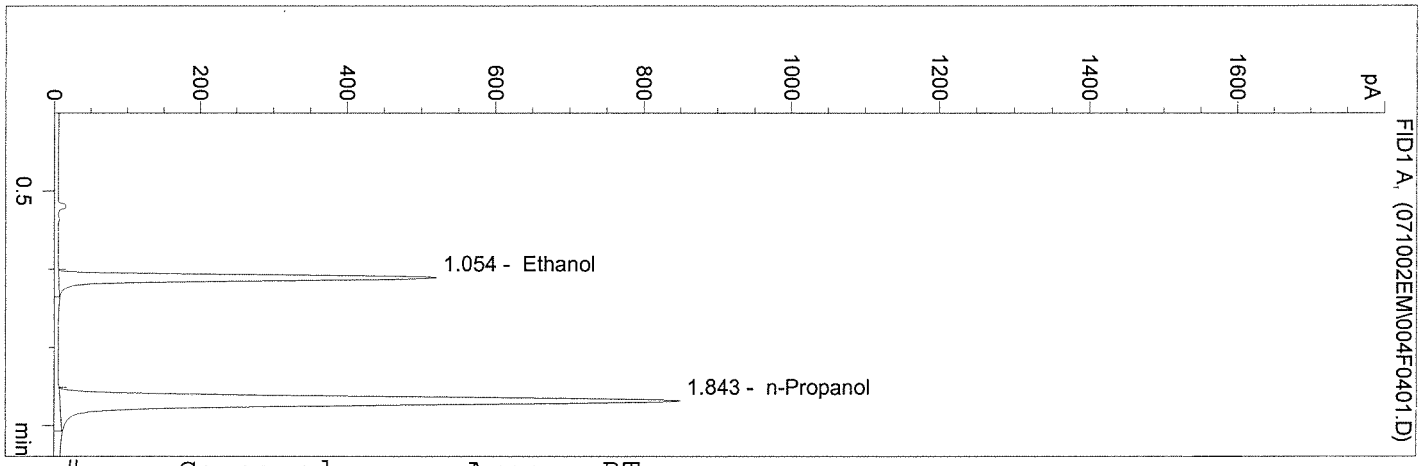
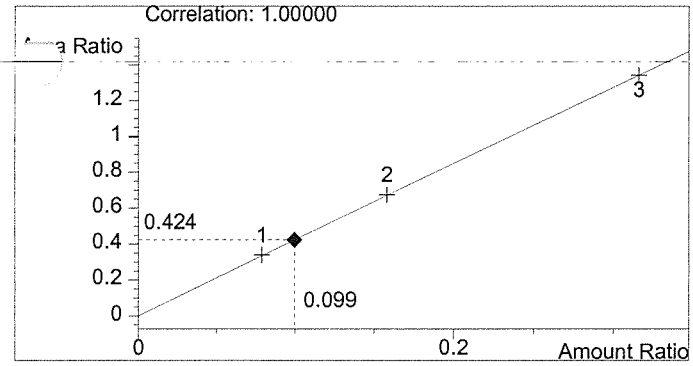
7/10/02 6:42:07 PM
Instrument 2
-ALC1

Q.A. Sol. 02024
~~GENE SCHWILKE~~ EM
vial # 4

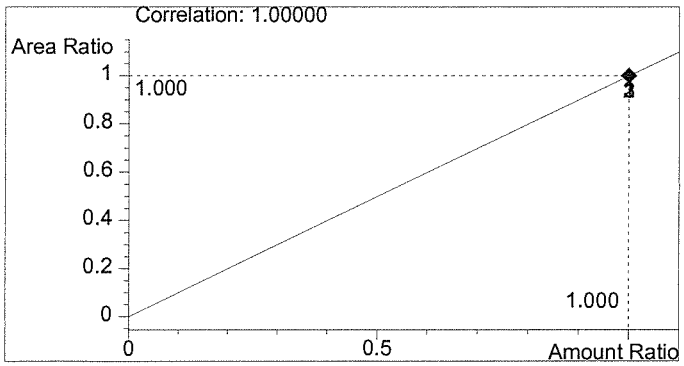


#	Compound	Area	RT
1	Ethanol	1386	1.054
2	n-Propanol	3267	1.843

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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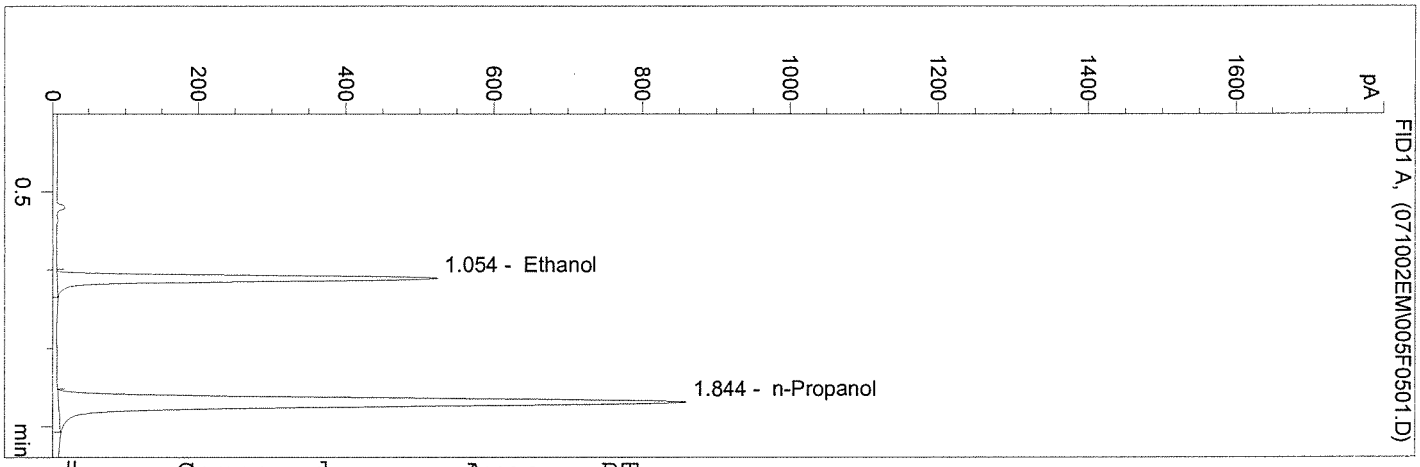
Instrument 2
-ALC1

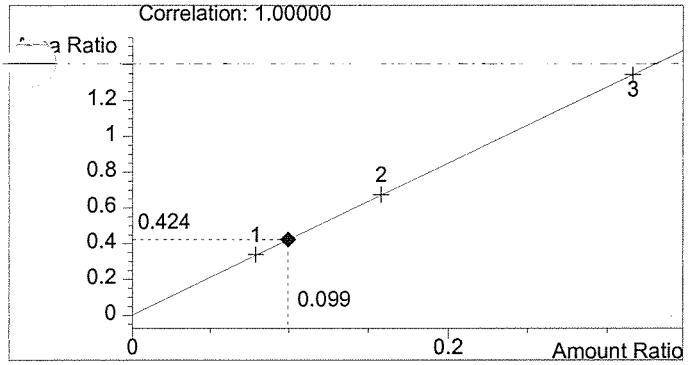
Q.A. Sol. 02024
~~GENE SCHWILKE~~ EM

vial # 5

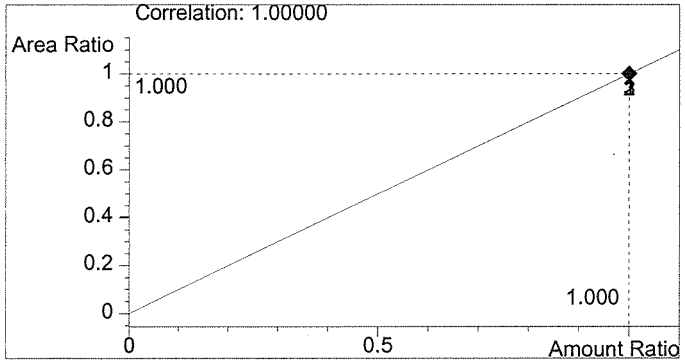


#	Compound	Area	RT
1	Ethanol	1397	1.054
2	n-Propanol	3294	1.844

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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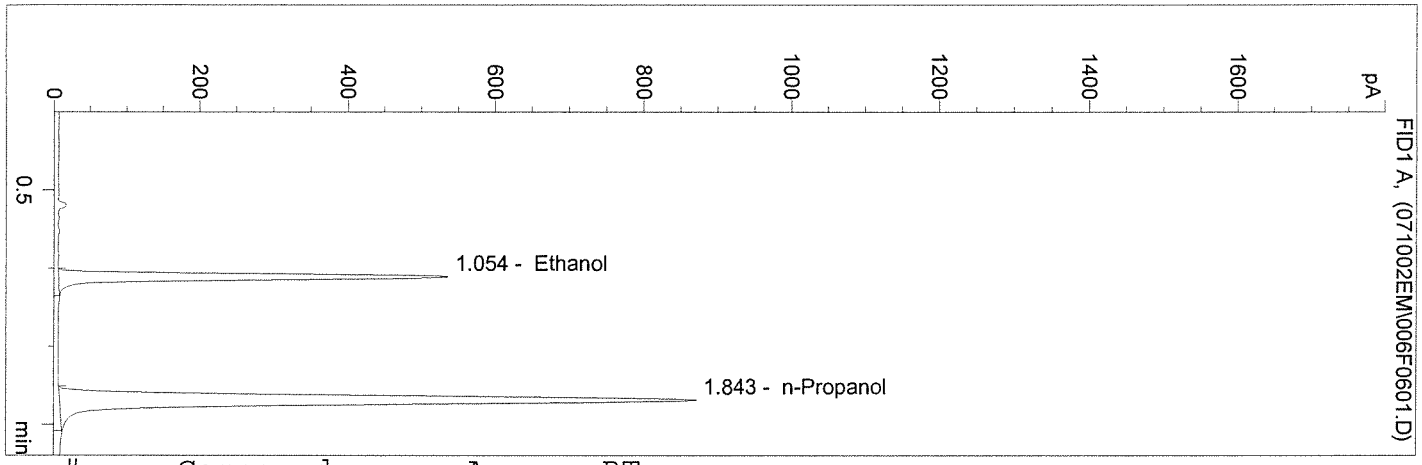
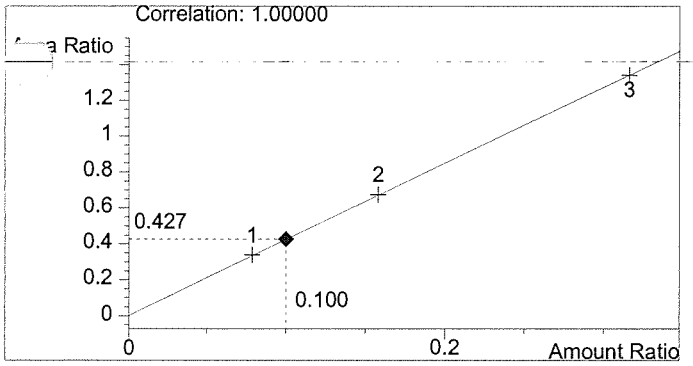
7/10/02 6:48:38 PM
Instrument 2
-ALC1

0.100 Control
~~GENE SCHWILKE~~ EM
vial # 6

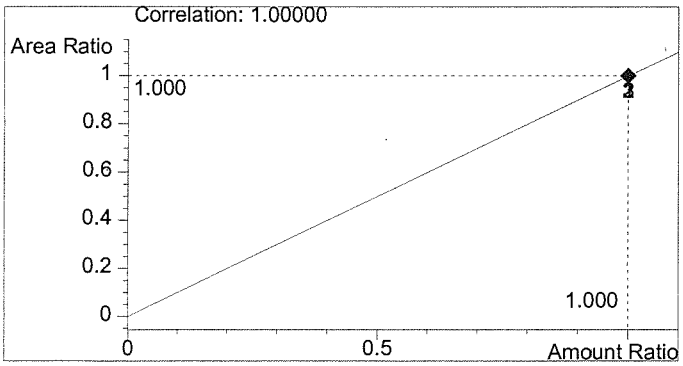


#	Compound	Area	RT
1	Ethanol	1430	1.054
2	n-Propanol	3349	1.843

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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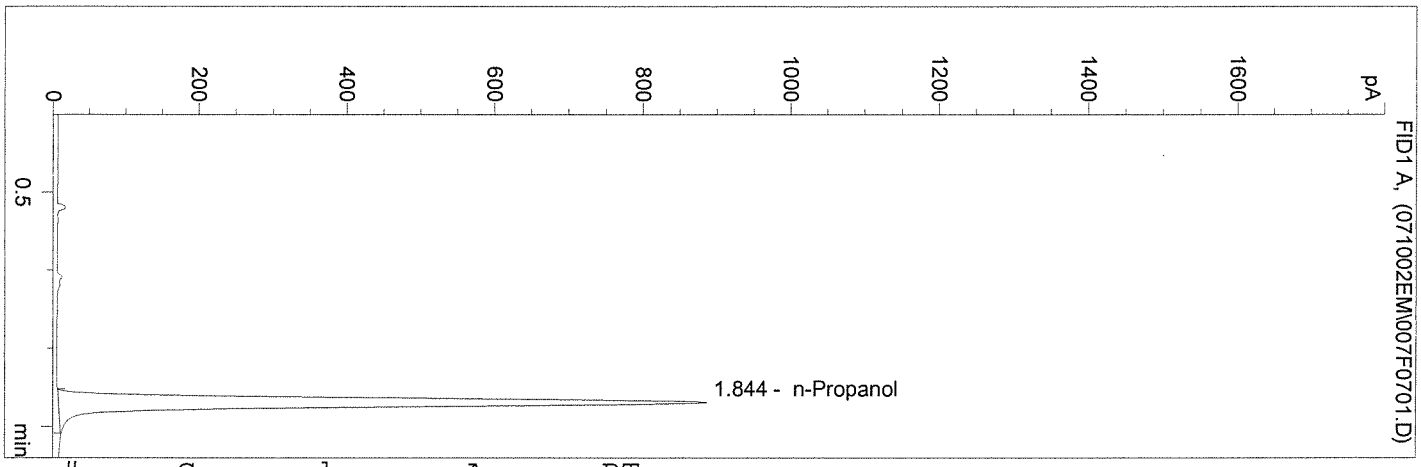
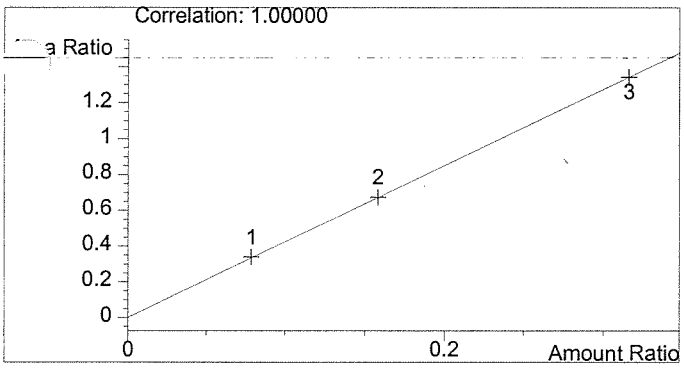
7/10/02 6:51:39 PM
Instrument 2
-ALC1

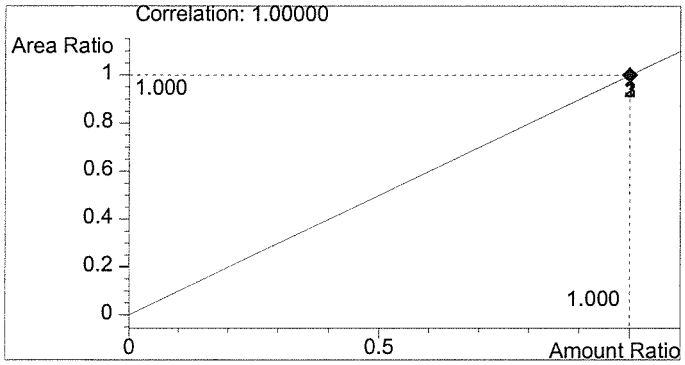
Blank
~~GENE SCHWILKE~~ EM
vial # 7



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3408	1.844
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	Q.A. Sol. 02024	BLDALCO2	1	Sample		
2	2	Q.A. Sol. 02024	BLDALCO2	1	Sample		
3	3	Q.A. Sol. 02024	BLDALCO2	1	Sample		
4	4	Q.A. Sol. 02024	BLDALCO2	1	Sample		
5	5	Q.A. Sol. 02024	BLDALCO2	1	Sample		
6	6	0.100 Control	BLDALCO2	1	Ctrl Samp		
7	7	Blank	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

Cal 023984

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	Q.A. Sol. 02024	BLDALCO	1	Sample		
2	2	Q.A. Sol. 02024	BLDALCO	1	Sample		
3	3	Q.A. Sol. 02024	BLDALCO	1	Sample		
4	4	Q.A. Sol. 02024	BLDALCO	1	Sample		
5	5	Q.A. Sol. 02024	BLDALCO	1	Sample		
6	6	0.100 Control	BLDALCO	1	Ctrl Samp		
7	7	Blank	BLDALCO	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

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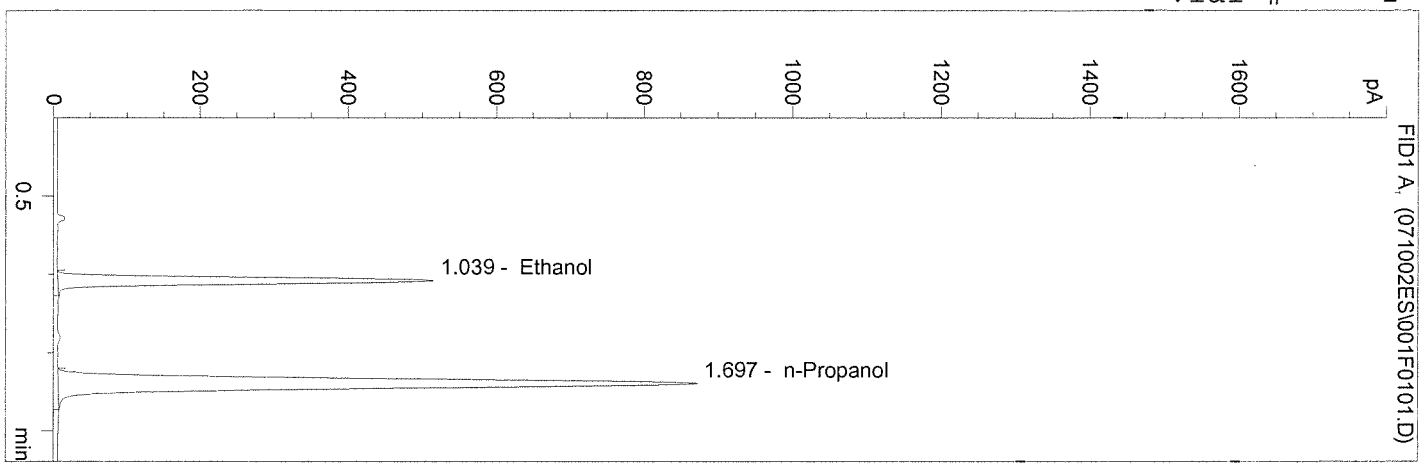
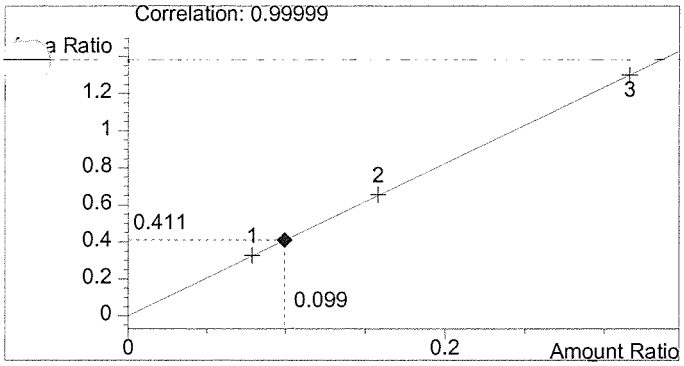
7/10/02 6:32:45 PM
Instrument 1
-ALC1

Q.A. Sol. 02024
GENE SCHWILKE

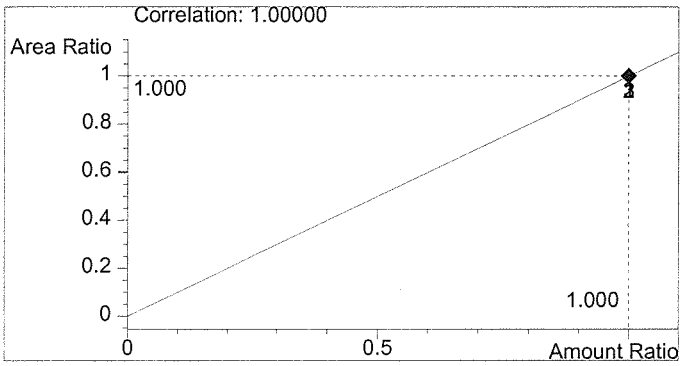
vial # 1



#	Compound	Area	RT
1	Ethanol	1466	1.039
2	n-Propanol	3569	1.697
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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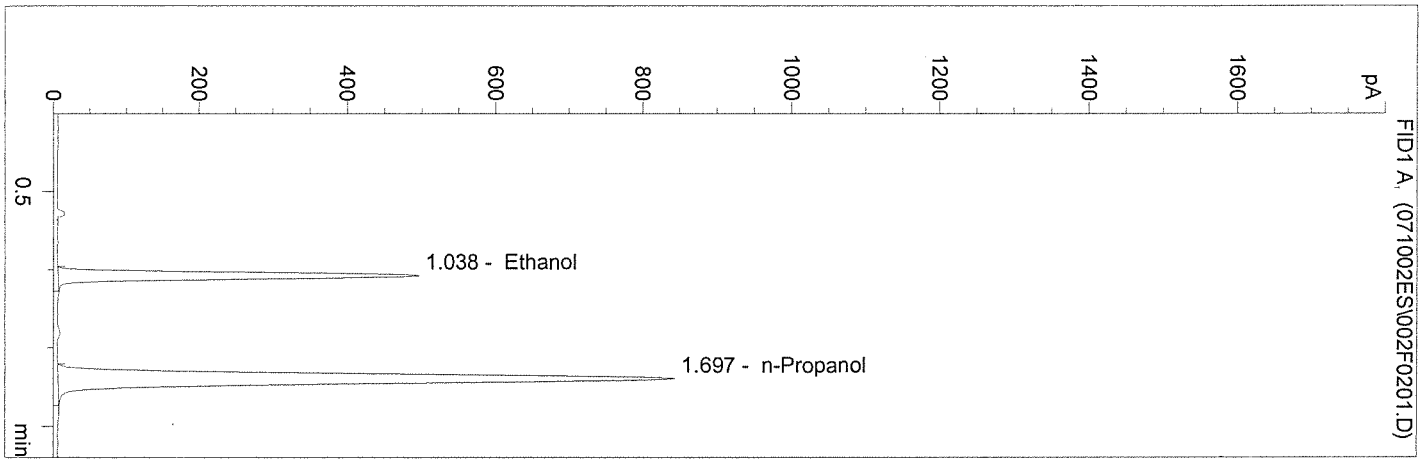
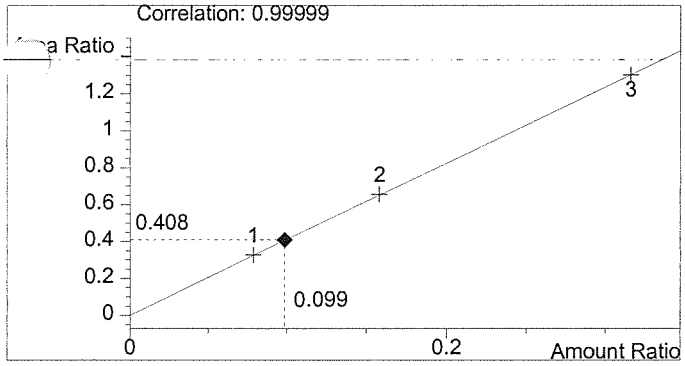
7/10/02 6:35:31 PM
Instrument 1
-ALC1

Q.A. Sol. 02024
GENE SCHWILKE

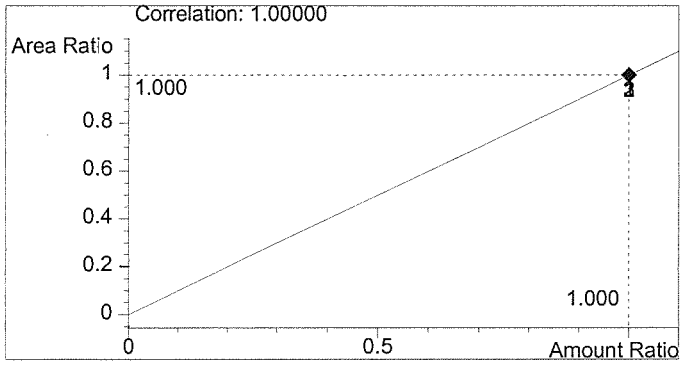
vial # 2



#	Compound	Area	RT
1	Ethanol	1411	1.038
2	n-Propanol	3458	1.697
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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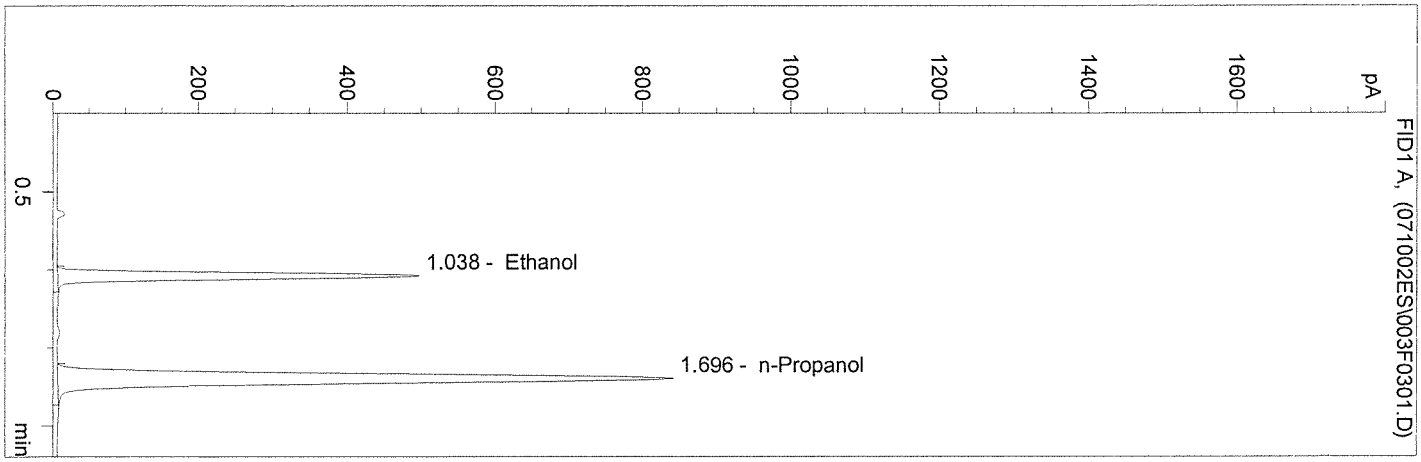
Instrument 1
-ALC1

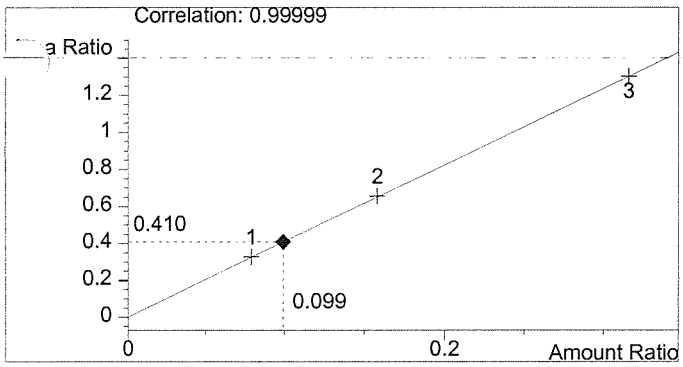
Q.A. Sol. 02024
GENE SCHWILKE

vial # 3

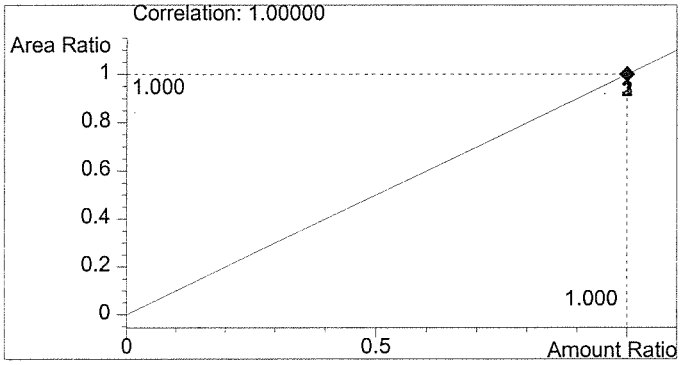


#	Compound	Area	RT
1	Ethanol	1416	1.038
2	n-Propanol	3456	1.696

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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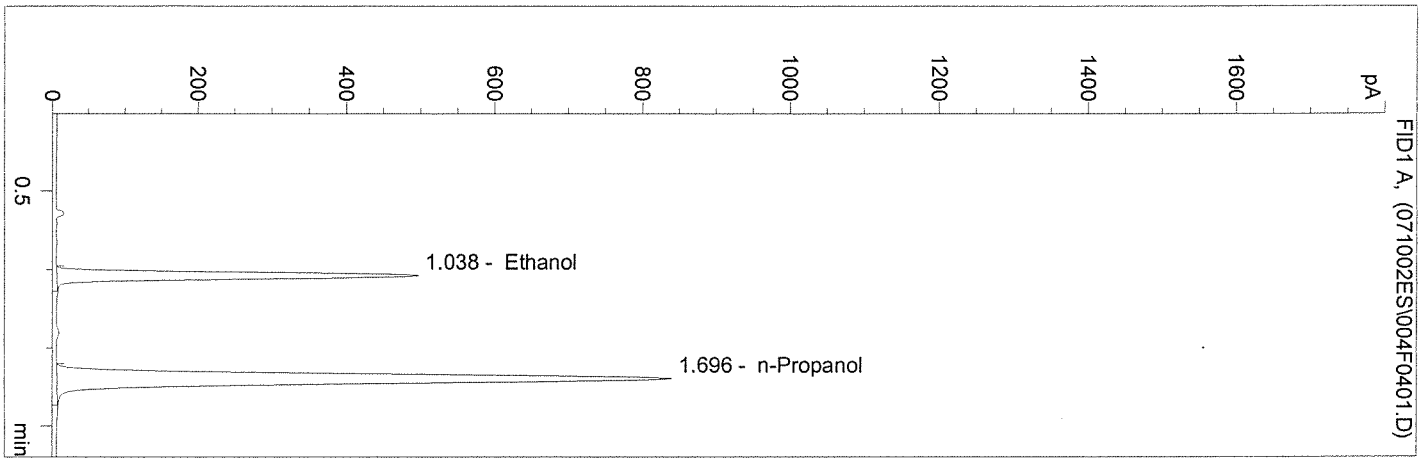
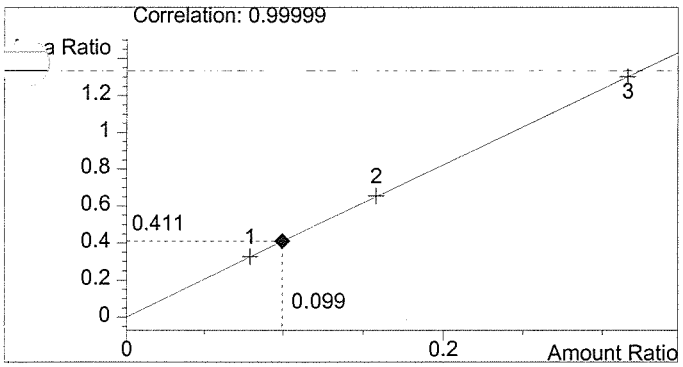
Instrument 1
-ALC1

Q.A. Sol. 02024
GENE SCHWILKE

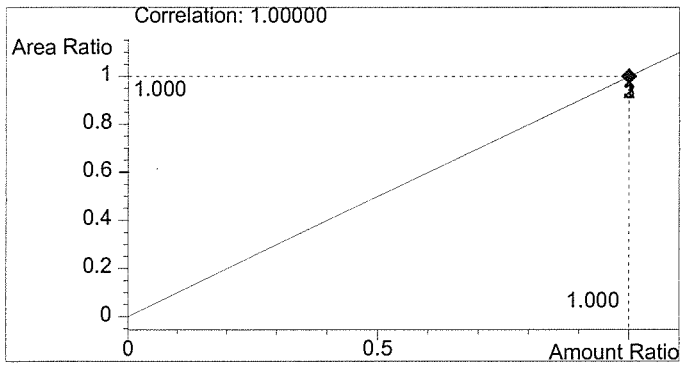
vial # 4



#	Compound	Area	RT
1	Ethanol	1414	1.038
2	n-Propanol	3444	1.696
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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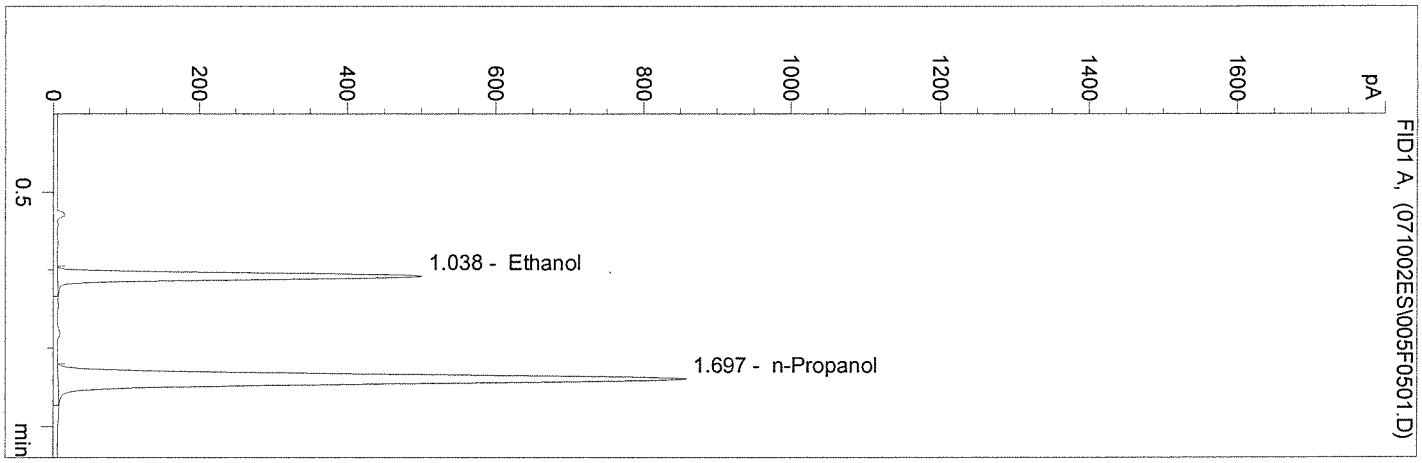
7/10/02 6:44:27 PM
Instrument 1
-ALC1

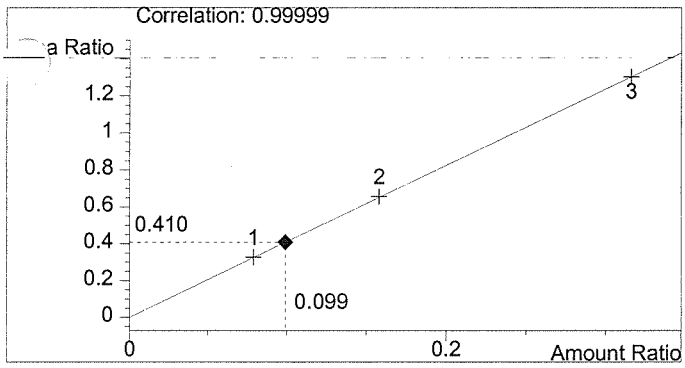
Q.A. Sol. 02024
GENE SCHWILKE

vial # 5

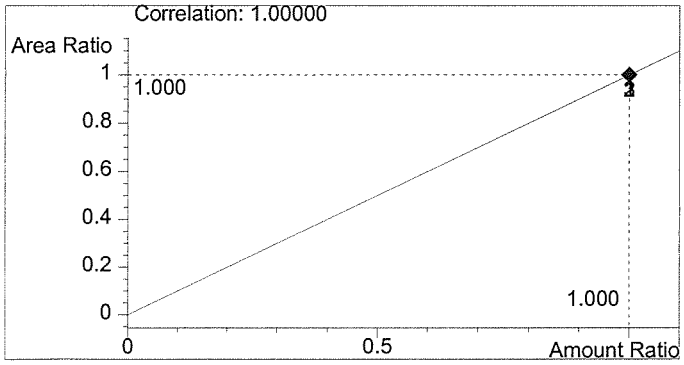


#	Compound	Area	RT
1	Ethanol	1445	1.038
2	n-Propanol	3527	1.697

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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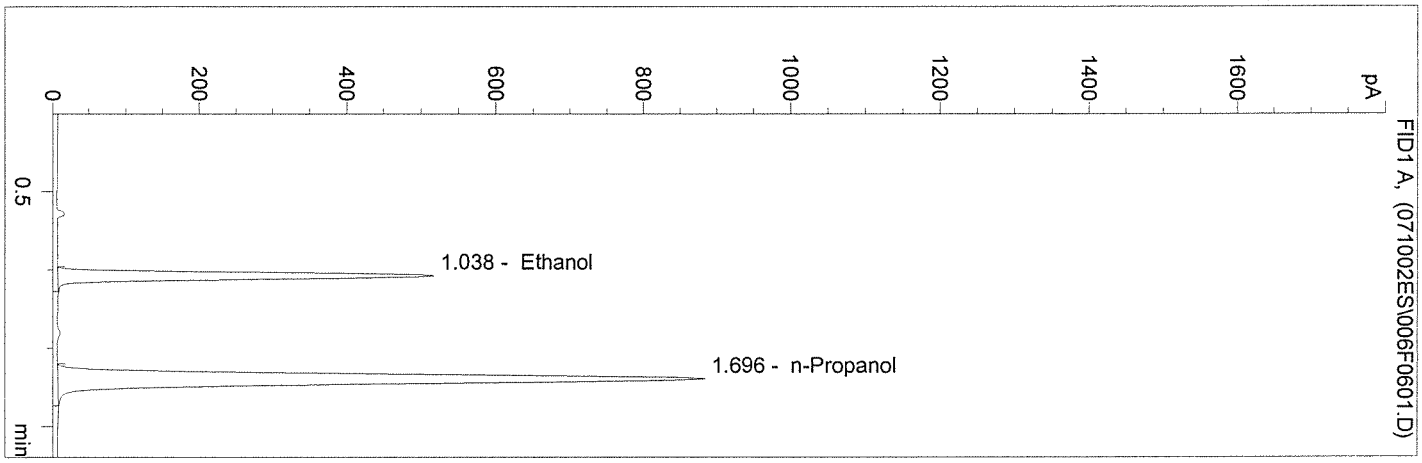
7/10/02 6:47:11 PM
Instrument 1
-ALC1

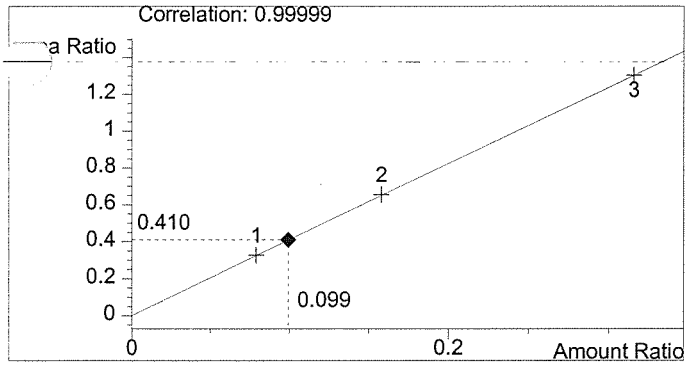
0.100 Control
GENE SCHWILKE

vial # 6

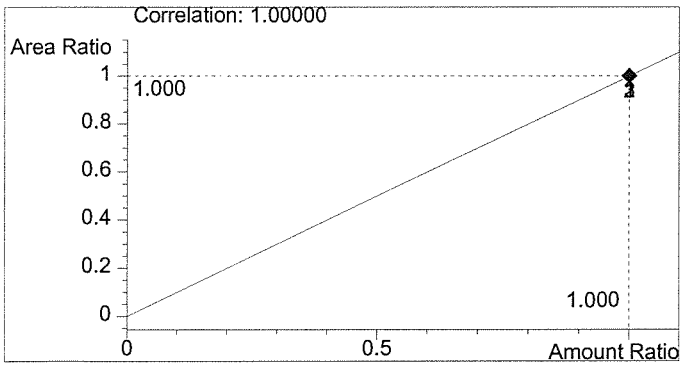


#	Compound	Area	RT
1	Ethanol	1494	1.038
2	n-Propanol	3644	1.696

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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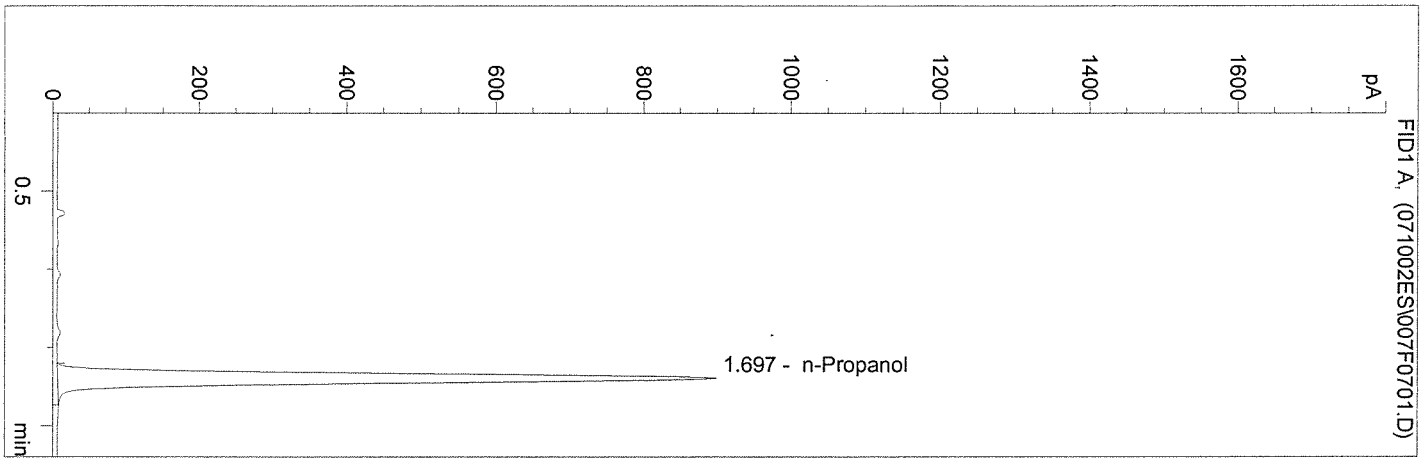
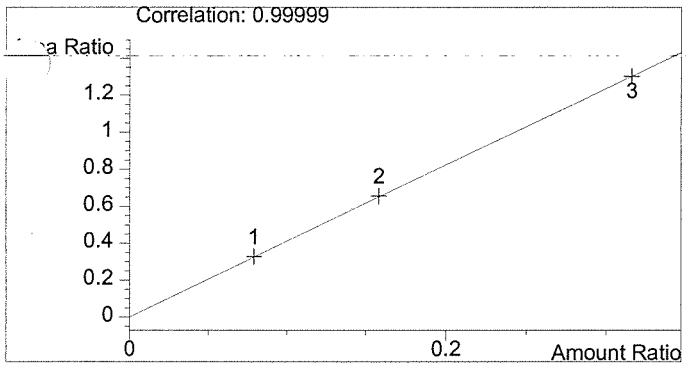
Instrument 1
-ALC1

Blank
GENE SCHWILKE

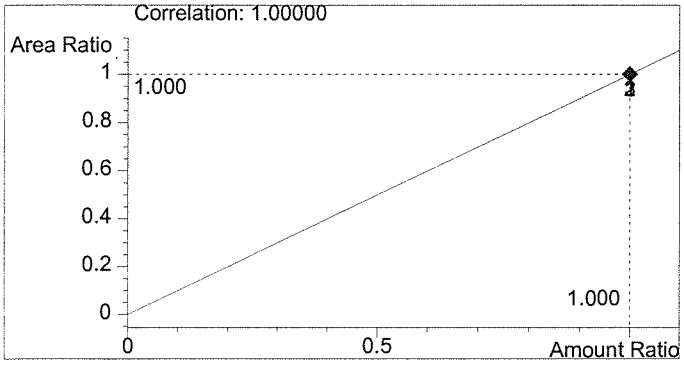
vial # 7



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3707	1.697
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY Cal in 064016

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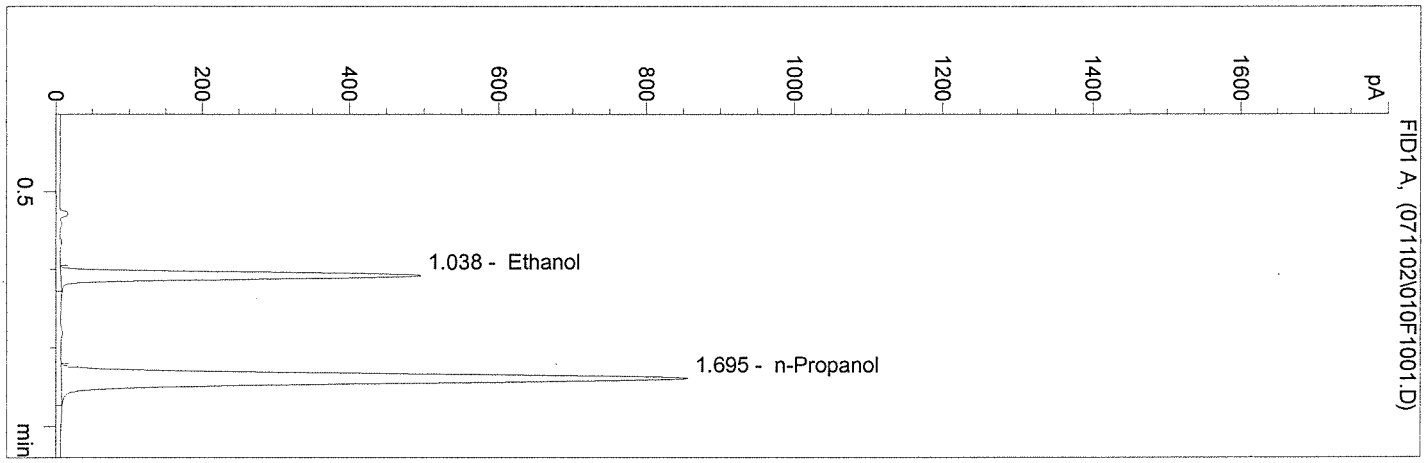
7/11/02 12:38:24 PM
Instrument 1
BR-ALC1

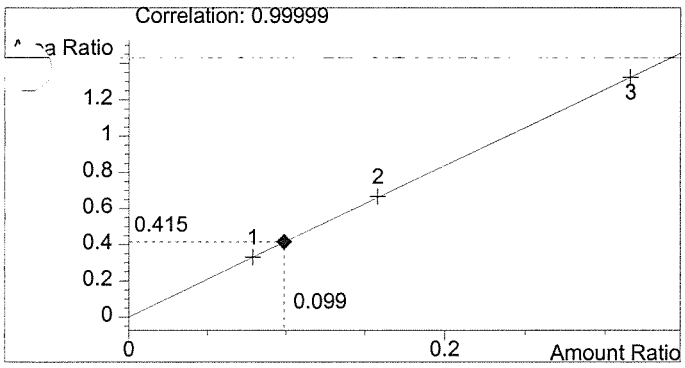
02024 0.08 QA
RUTH LUTHI

vial # 10

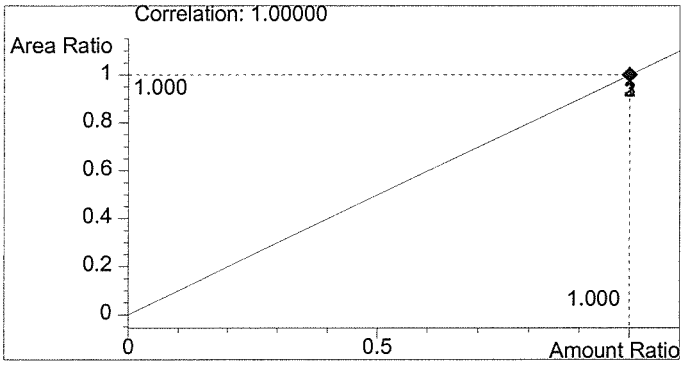


#	Compound	Area	RT
1	Ethanol	1482	1.038
2	n-Propanol	3571	1.695

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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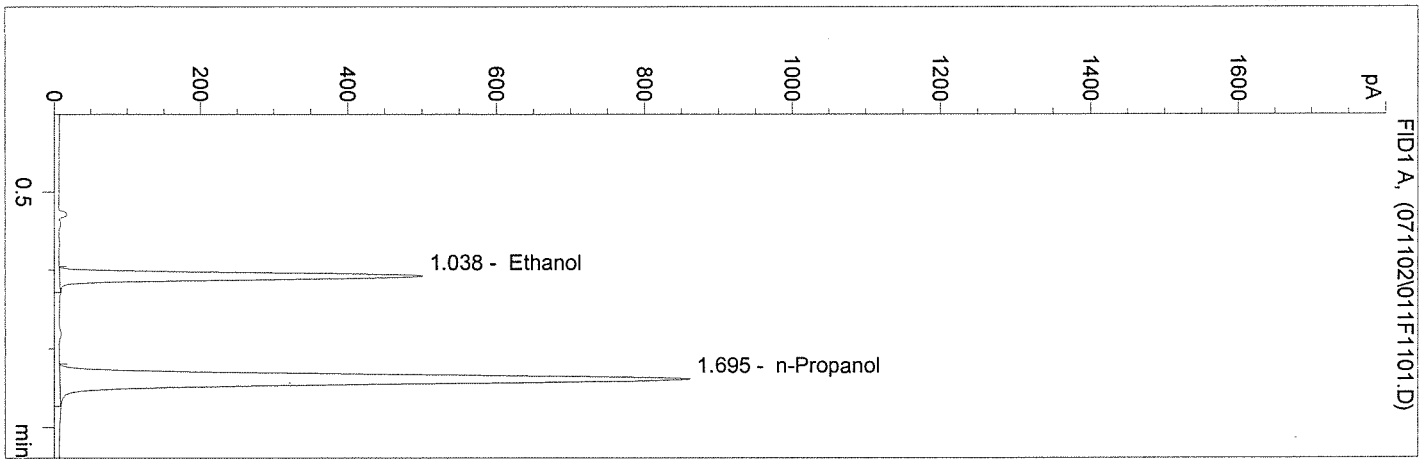
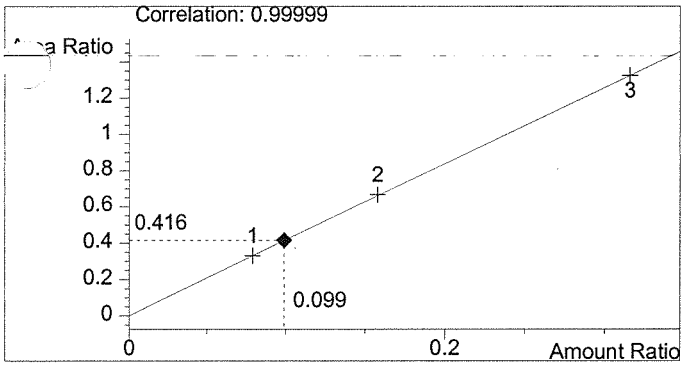
7/11/02 12:41:08 PM
Instrument 1
DB-ALC1

02024 0.08 QA
RUTH LUTHI

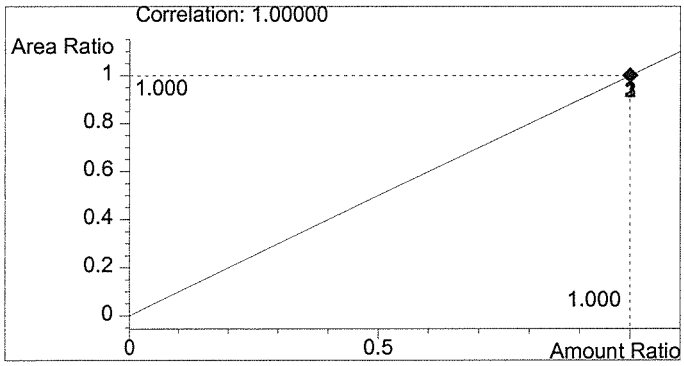
vial # 11



#	Compound	Area	RT
1	Ethanol	1492	1.038
2	n-Propanol	3590	1.695
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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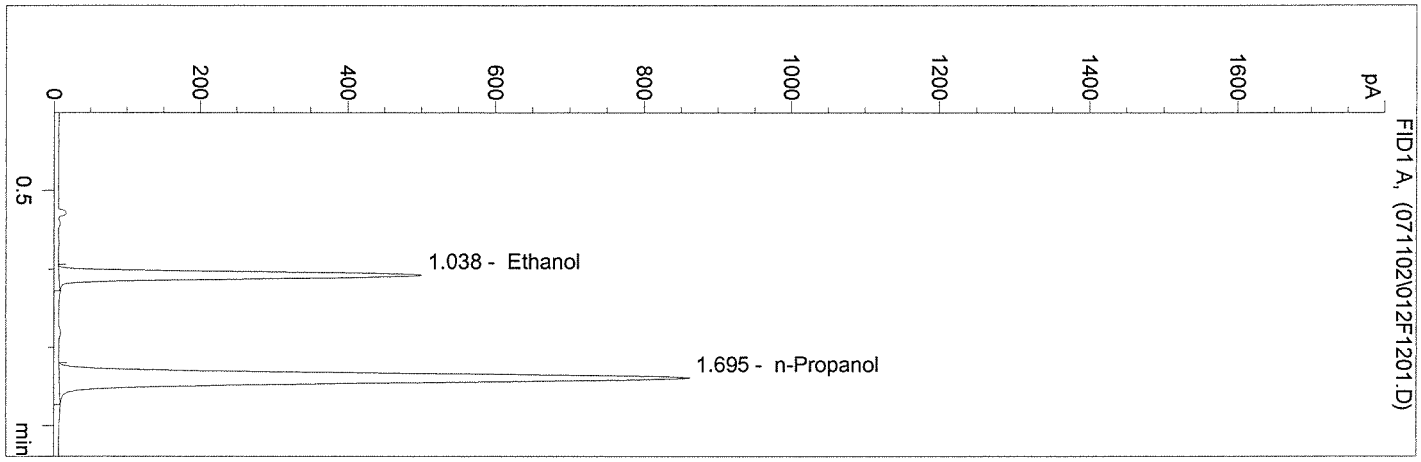
7/11/02 12:43:55 PM
Instrument 1
DB-ALC1

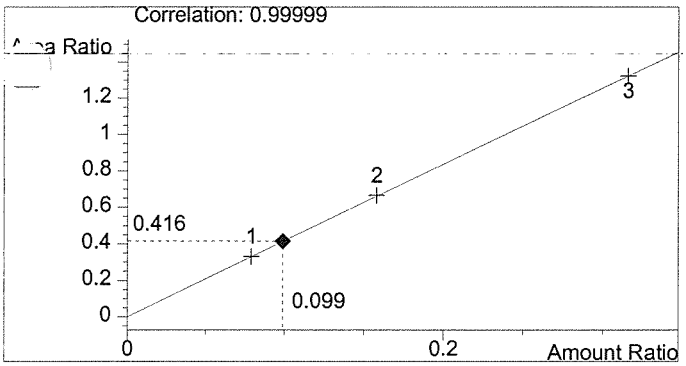
02024 0.08 QA
RUTH LUTHI

vial # 12

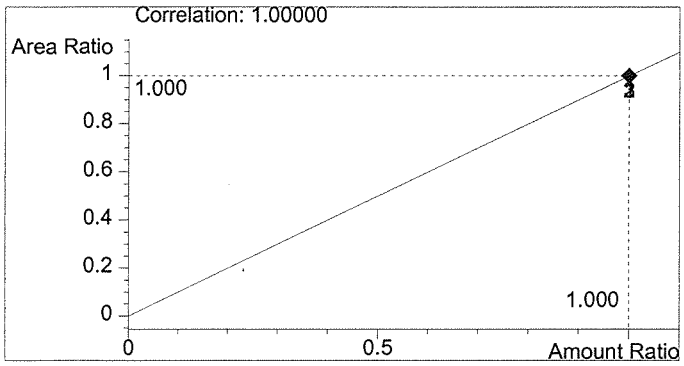


#	Compound	Area	RT
1	Ethanol	1493	1.038
2	n-Propanol	3592	1.695

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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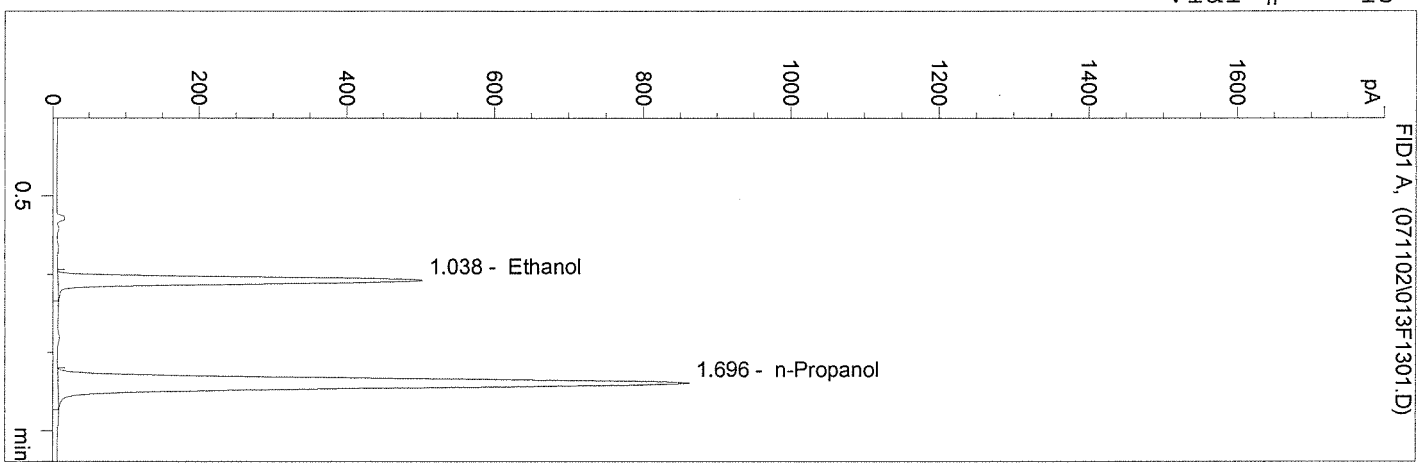
7/11/02 12:47:11 PM
Instrument 1
DB-ALC1

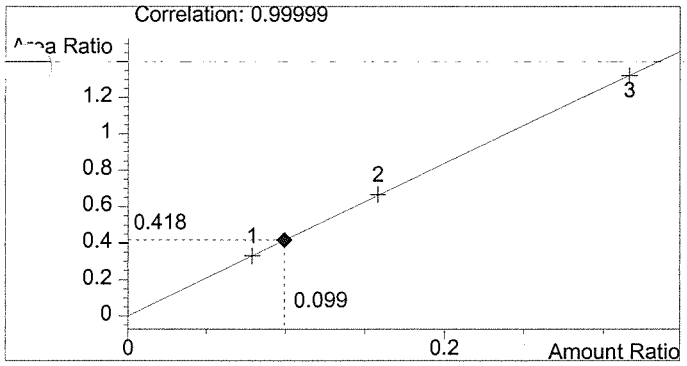
02024 0.08 QA
RUTH LUTHI

vial # 13

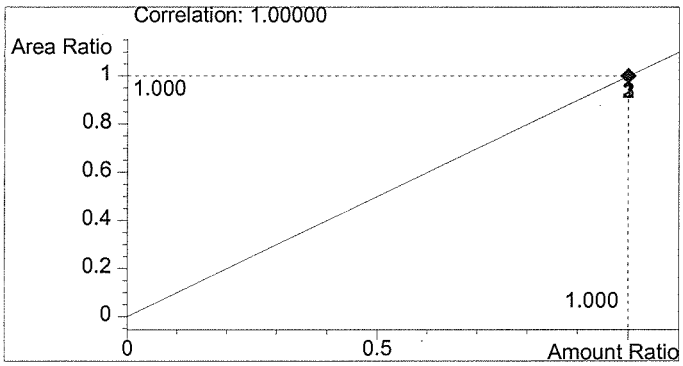


#	Compound	Area	RT
1	Ethanol	1499	1.038
2	n-Propanol	3589	1.696

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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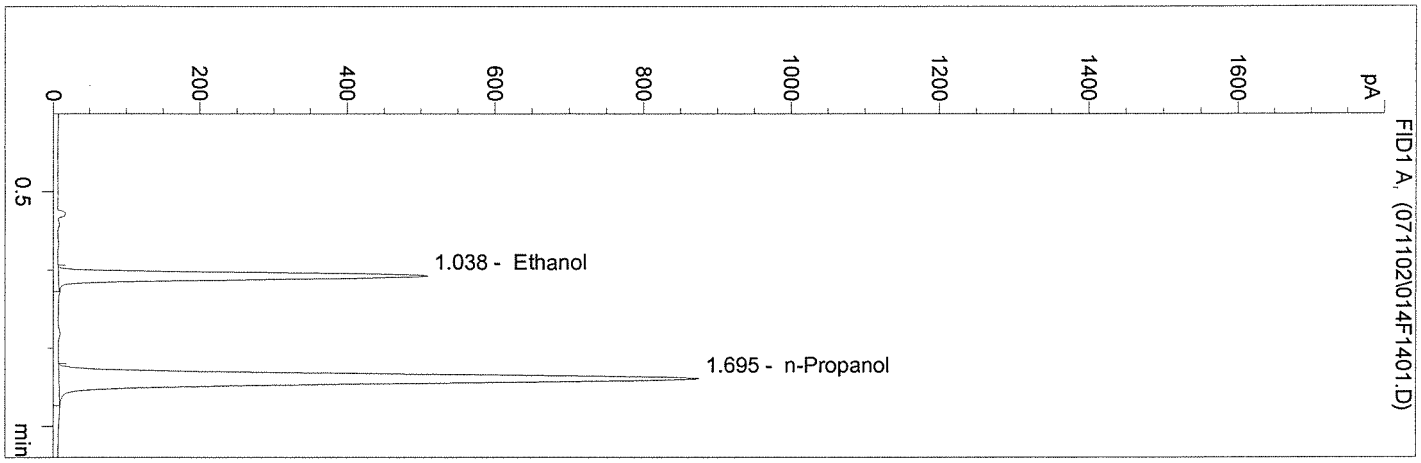
7/11/02 12:50:03 PM
Instrument 1
DB-ALC1

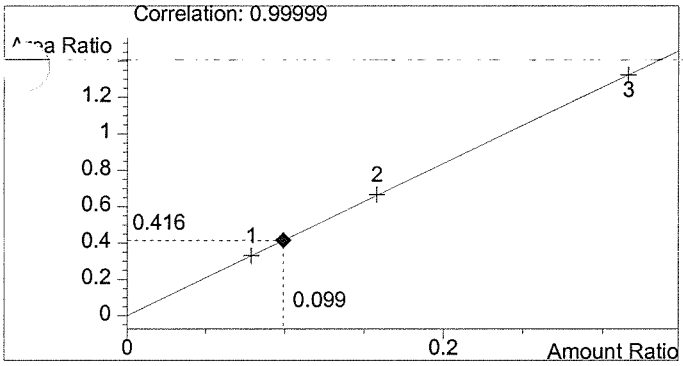
02024 0.08 QA
RUTH LUTHI

vial # 14

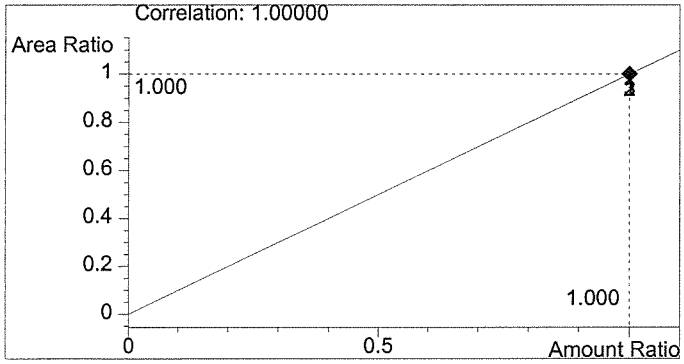


#	Compound	Area	RT
1	Ethanol	1514	1.038
2	n-Propanol	3639	1.695

Totals:



Ethanol 0.099 g/100ml



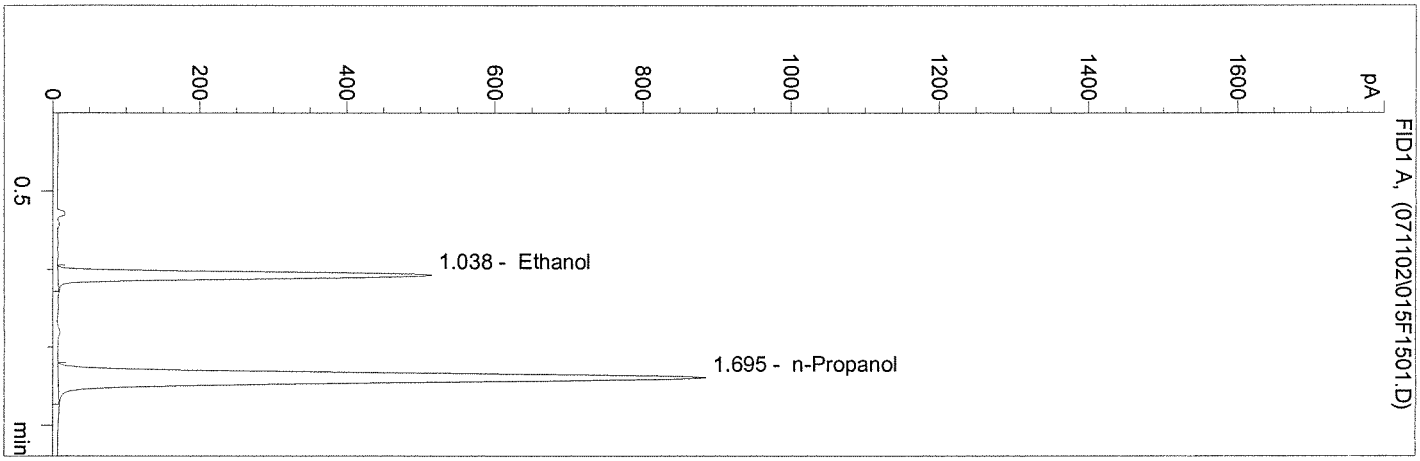
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/11/02 12:52:42 PM
Instrument 1
DB-ALC1

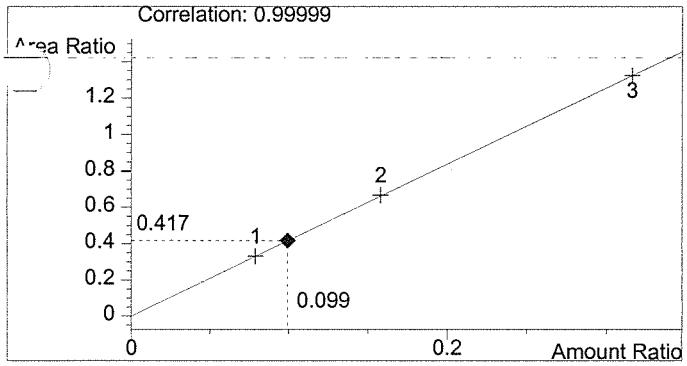
0.100 CTRL
RUTH LUTHI

vial # 15

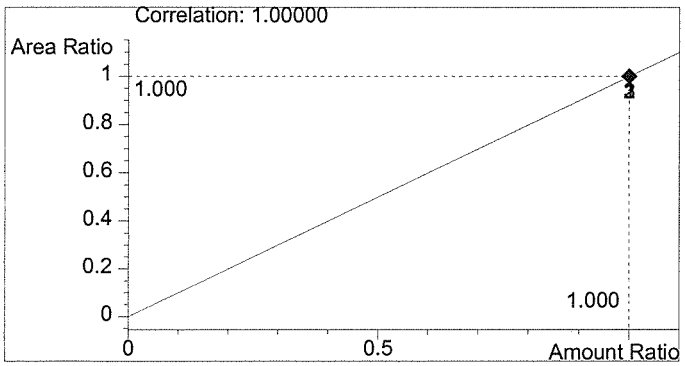


#	Compound	Area	RT
1	Ethanol	1537	1.038
2	n-Propanol	3686	1.695

Totals:



Ethanol 0.099 g/100ml



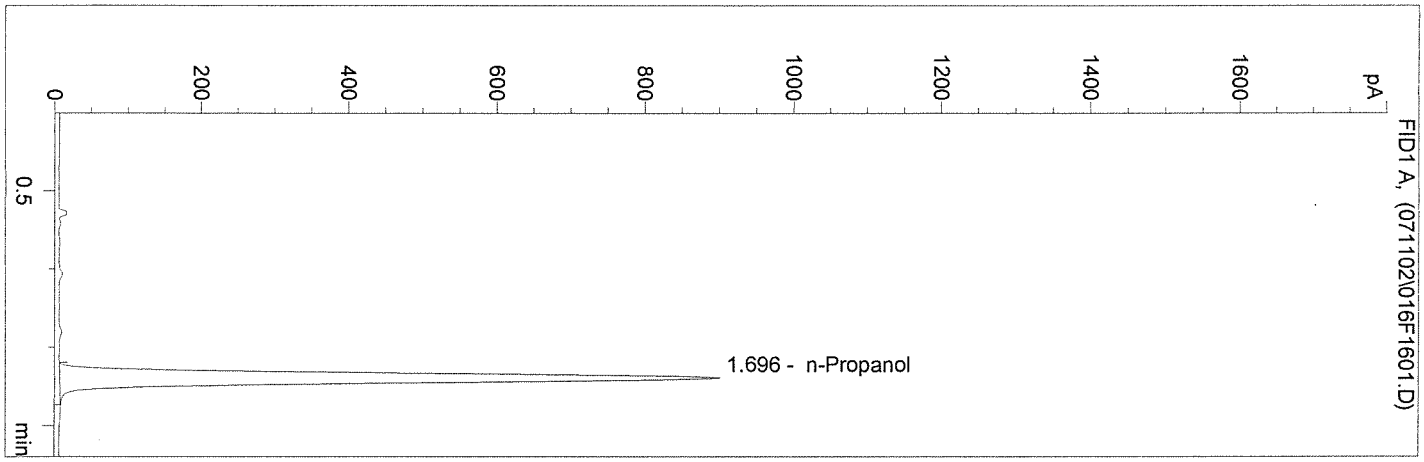
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/11/02 12:55:33 PM
Instrument 1
DB-ALC1

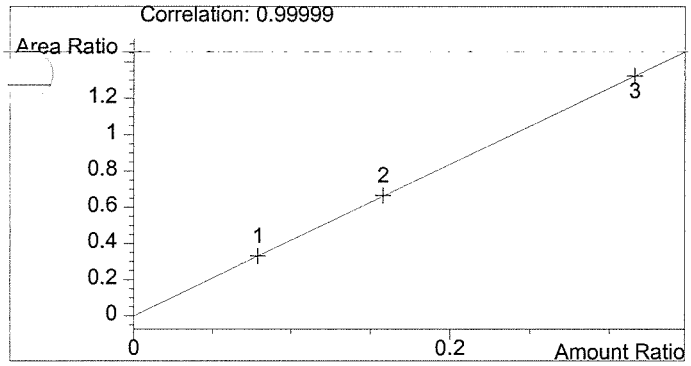
BLANK
RUTH LUTHI

vial # 16

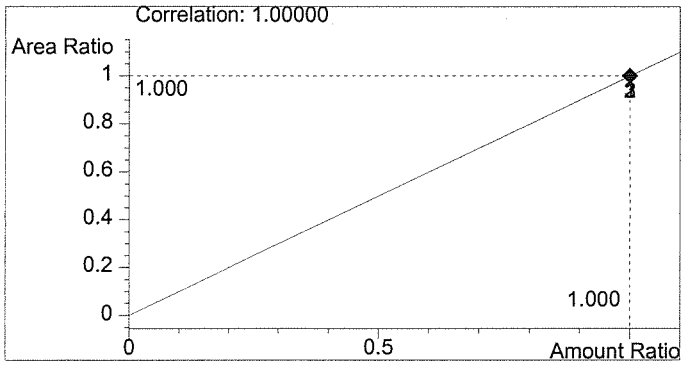


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3744	1.696

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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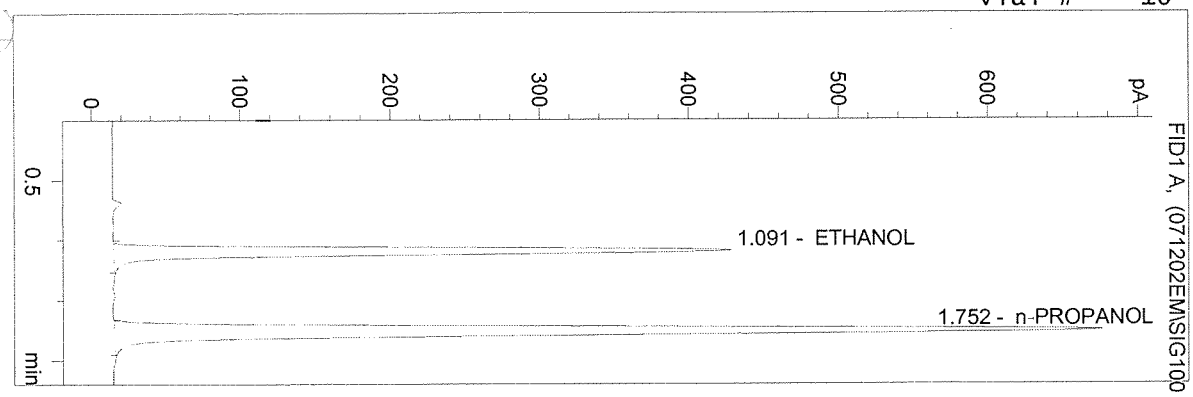
Instrument 3
DB-ALC1

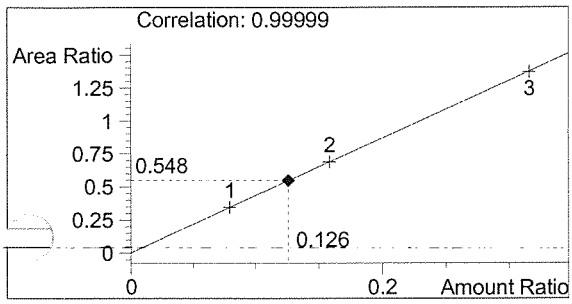
Q.A. Sol. 02025
Estuardo J. Miranda

vial # 10

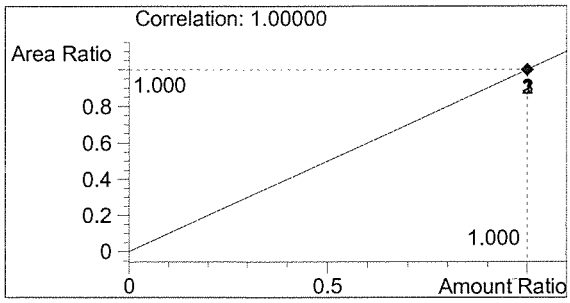


#	Compound	Area	RT
1	ETHANOL	1677	1.091
2	n-PROPANOL	3060	1.752

Totals:



ETHANOL 0.126 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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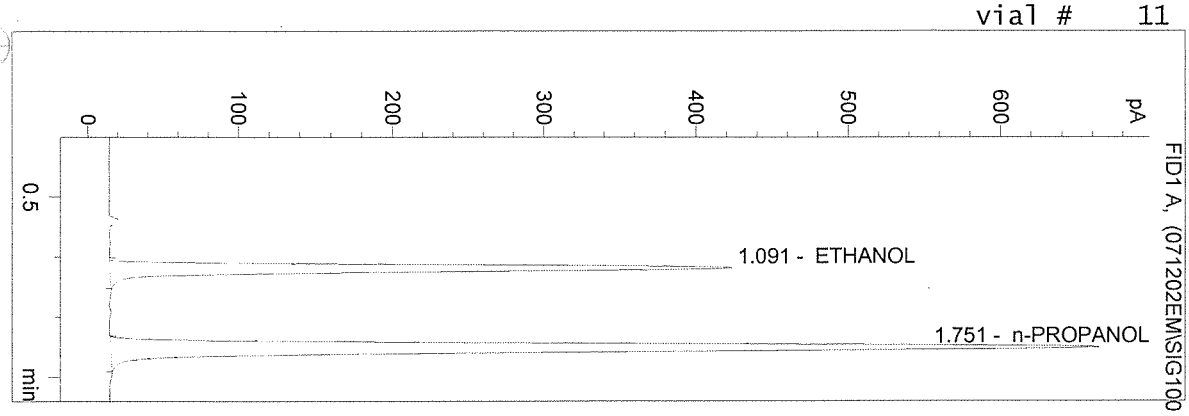
Instrument 3
DB-ALC1

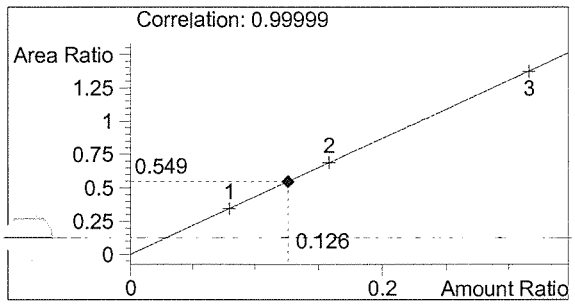
Q.A. Sol. 02025
Estuardo J. Miranda

vial # 11

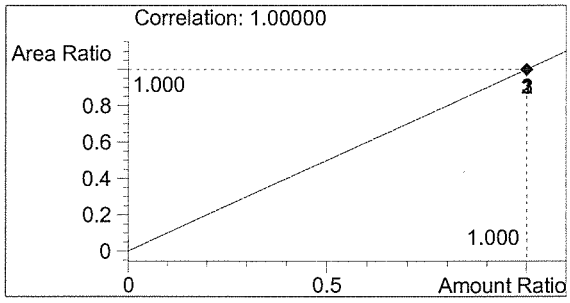


#	Compound	Area	RT
1	ETHANOL	1657	1.091
2	n-PROPANOL	3015	1.751

Totals:



ETHANOL 0.126 mg/L



n-PROPANOL 1.000 mg/L

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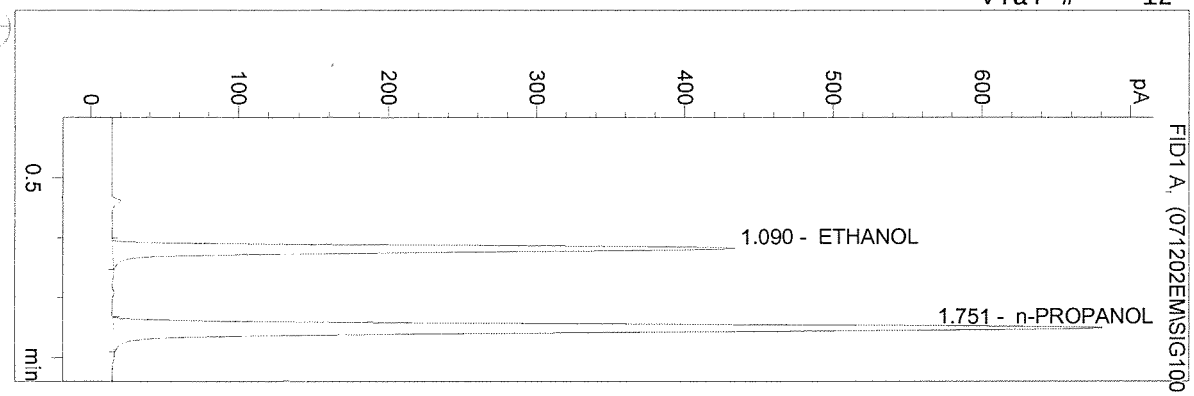
7/12/02 2:52:14 PM
Instrument 3
DB-ALC1

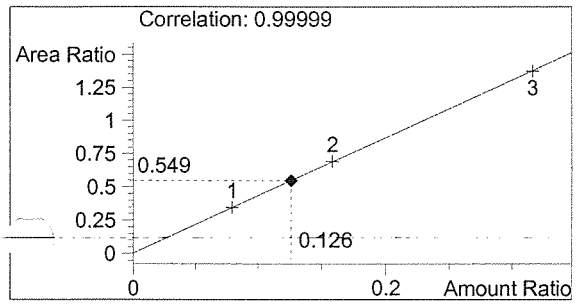
Q.A. Sol. 02025
Estuardo J. Miranda

vial # 12

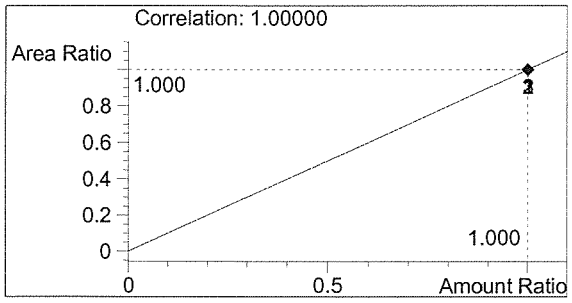


#	Compound	Area	RT
1	ETHANOL	1693	1.090
2	n-PROPANOL	3085	1.751

Totals:



ETHANOL 0.126 mg/L



n-PROPANOL 1.000 mg/L

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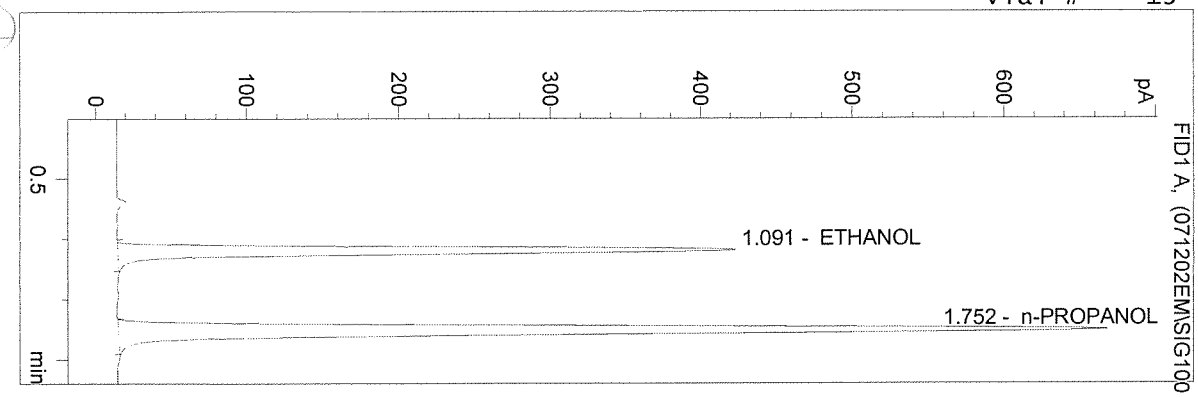
7/12/02 2:55:38 PM
Instrument 3
DB-ALC1

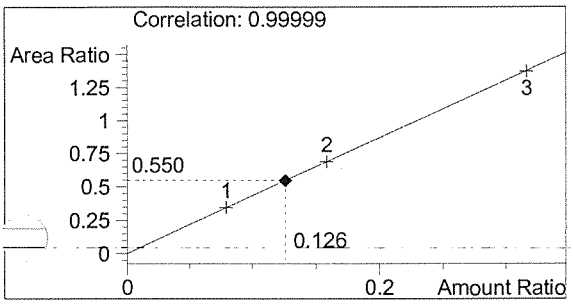
Q.A. Sol. 02025
Estuardo J. Miranda

vial # 13

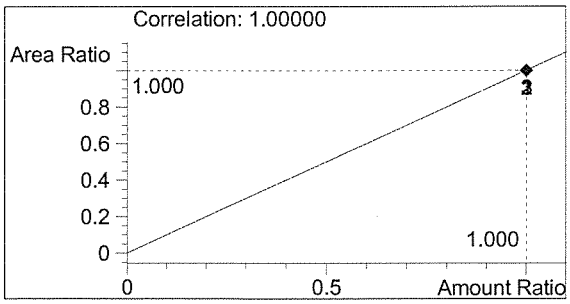


#	Compound	Area	RT
1	ETHANOL	1664	1.091
2	n-PROPANOL	3026	1.752

Totals:



ETHANOL 0.126 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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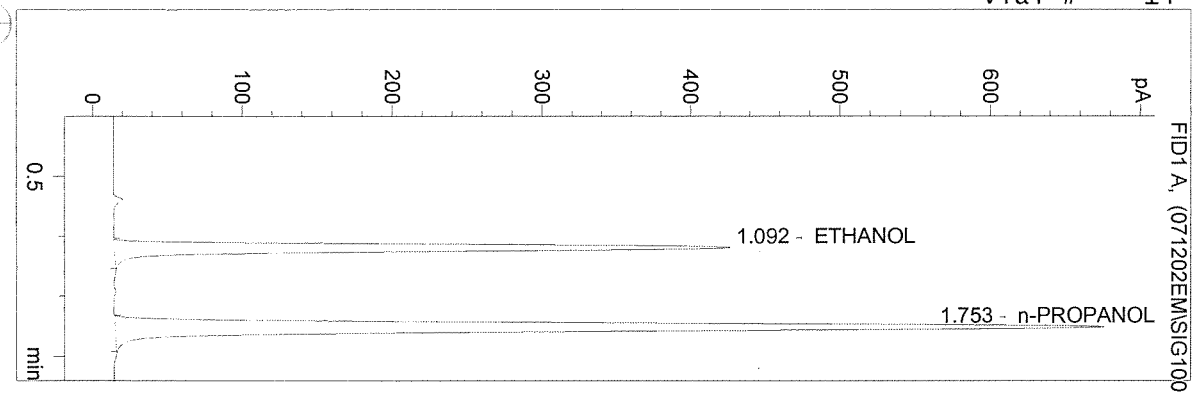
Instrument 3
DB-ALC1

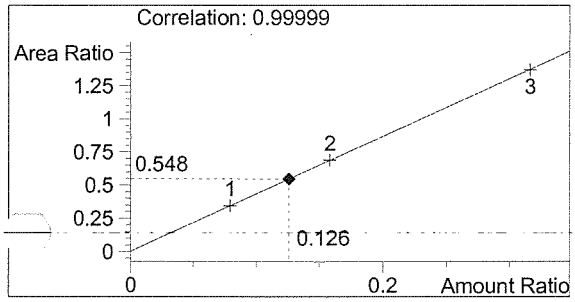
Q.A. Sol. 02025
Estuardo J. Miranda

vial # 14

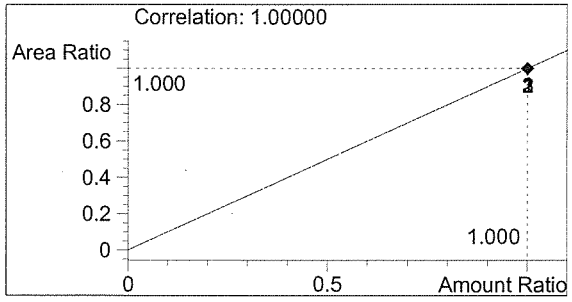


#	Compound	Area	RT
1	ETHANOL	1667	1.092
2	n-PROPANOL	3042	1.753

Totals:



ETHANOL 0.126 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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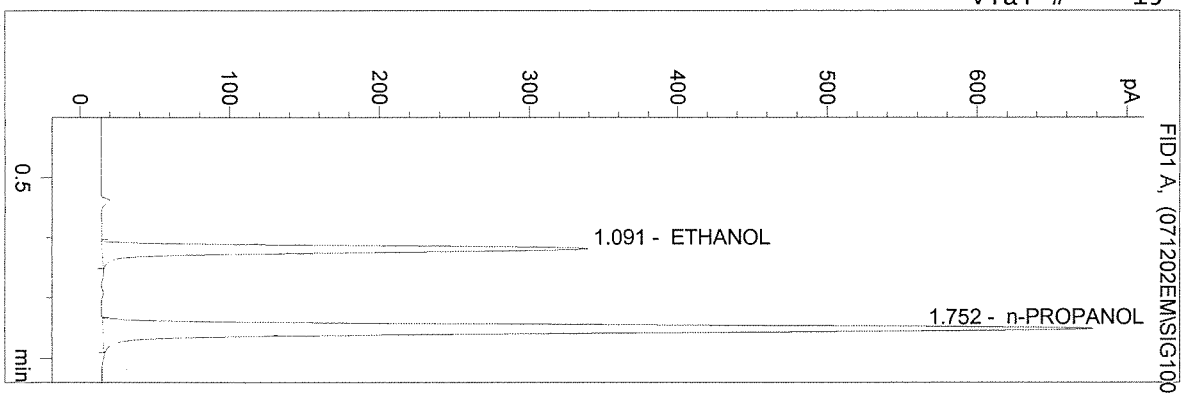
7/12/02 3:02:25 PM
Instrument 3
DB-ALC1

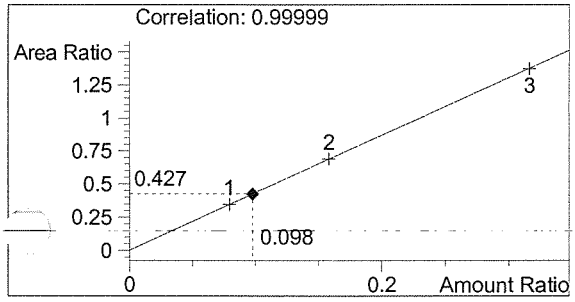
0.100 Control
Estuardo J. Miranda

vial # 15

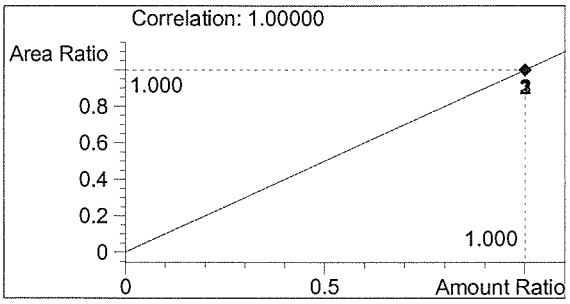


#	Compound	Area	RT
1	ETHANOL	1301	1.091
2	n-PROPANOL	3048	1.752

Totals:



ETHANOL 0.098 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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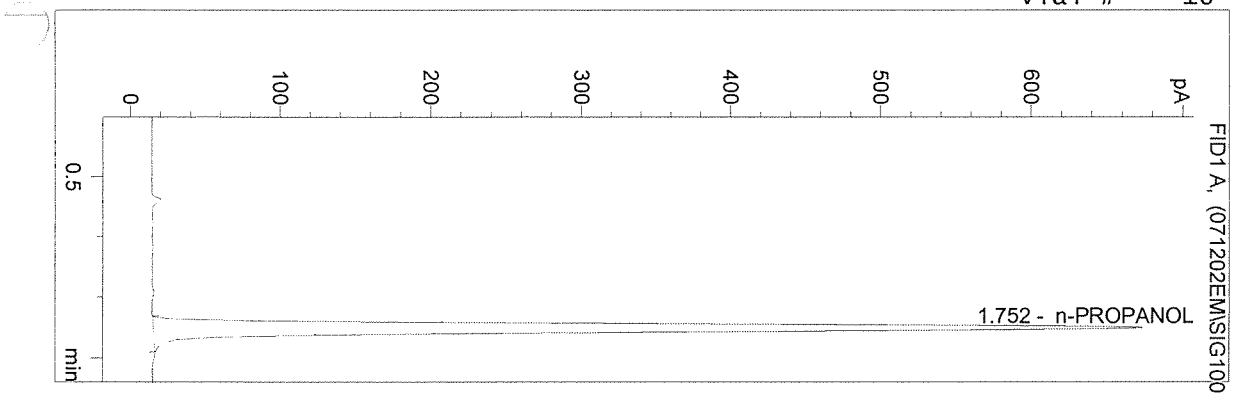
Instrument 3
DB-ALC1

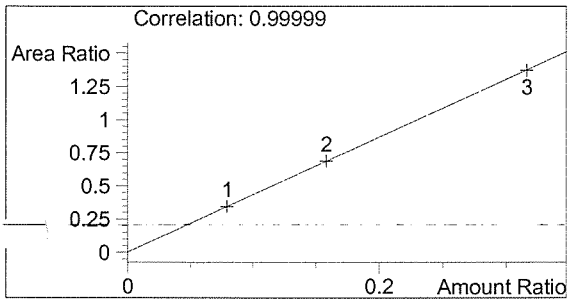
Blank
Estuardo J. Miranda

vial # 16

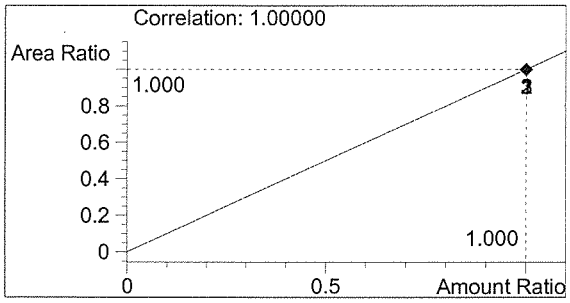


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3043	1.752

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	Blank	BLDALCO3	1	Sample		
6	6	0.040 Control	BLDALCO3	1	Ctrl Samp		
7	7	0.100 Control	BLDALCO3	1	Ctrl Samp		
8	8	0.200 Control	BLDALCO3	1	Ctrl Samp		
9	9	Blank	BLDALCO3	1	Sample		
10	10	Q.A. Sol. 02025	BLDALCO3	1	Sample		
11	11	Q.A. Sol. 02025	BLDALCO3	1	Sample		
12	12	Q.A. Sol. 02025	BLDALCO3	1	Sample		
13	13	Q.A. Sol. 02025	BLDALCO3	1	Sample		
14	14	Q.A. Sol. 02025	BLDALCO3	1	Sample		
15	15	0.100 Control	BLDALCO3	1	Ctrl Samp		
16	16	Blank	BLDALCO3	1	Sample		
17	17	Q.A. Sol. 02026	BLDALCO3	1	Sample		
18	18	Q.A. Sol. 02026	BLDALCO3	1	Sample		
19	19	Q.A. Sol. 02026	BLDALCO3	1	Sample		
20	20	Q.A. Sol. 02026	BLDALCO3	1	Sample		
21	21	Q.A. Sol. 02026	BLDALCO3	1	Sample		
22	22	0.100 Control	BLDALCO3	1	Ctrl Samp		
23	23	Blank	BLDALCO3	1	Sample		
24	24	Q.A. Sol. 02027	BLDALCO3	1	Sample		
25	25	Q.A. Sol. 02027	BLDALCO3	1	Sample		
26	26	Q.A. Sol. 02027	BLDALCO3	1	Sample		
27	27	Q.A. Sol. 02027	BLDALCO3	1	Sample		
28	28	Q.A. Sol. 02027	BLDALCO3	1	Sample		
29	29	0.100 Control	BLDALCO3	1	Ctrl Samp		
30	30	Blank	BLDALCO3	1	Sample		
31	31	Blank	STANDBY	1	Sample		

Sequence Table (Back Injector):

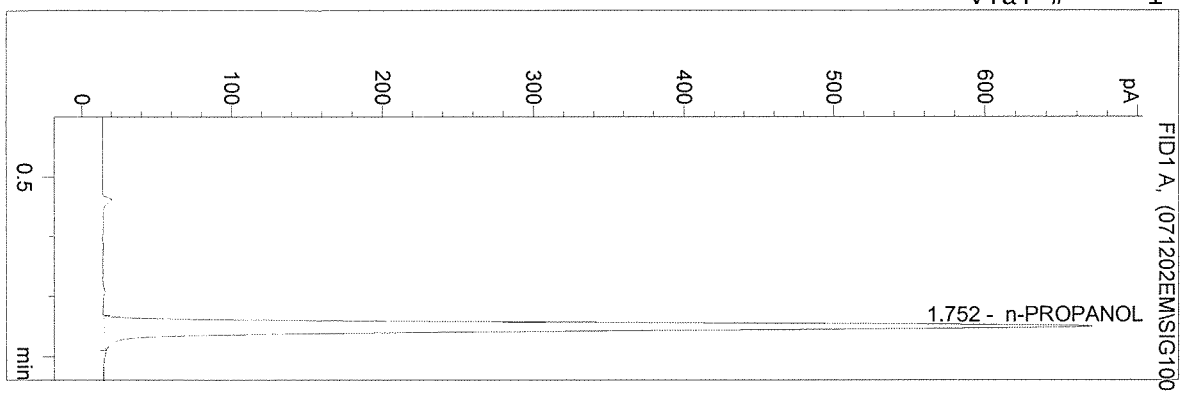
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/12/02 2:15:19 PM
Instrument 3
DB-ALC1

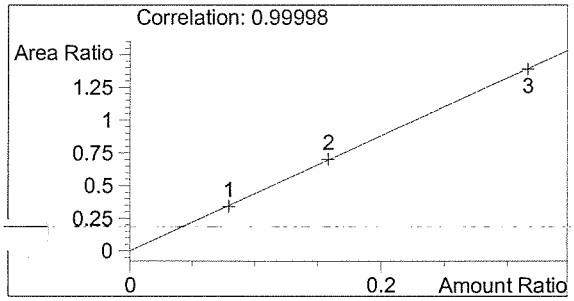
BLANK
Estuardo J. Miranda

vial # 1

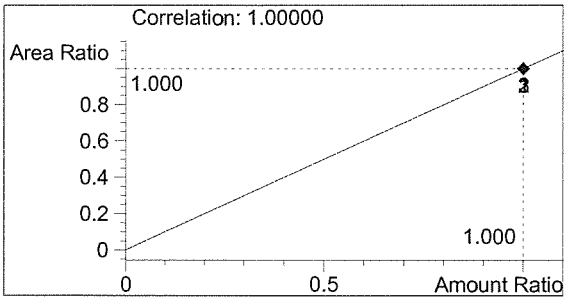


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3053	1.752

Totals:



ETHANOL 0.000 mg/L



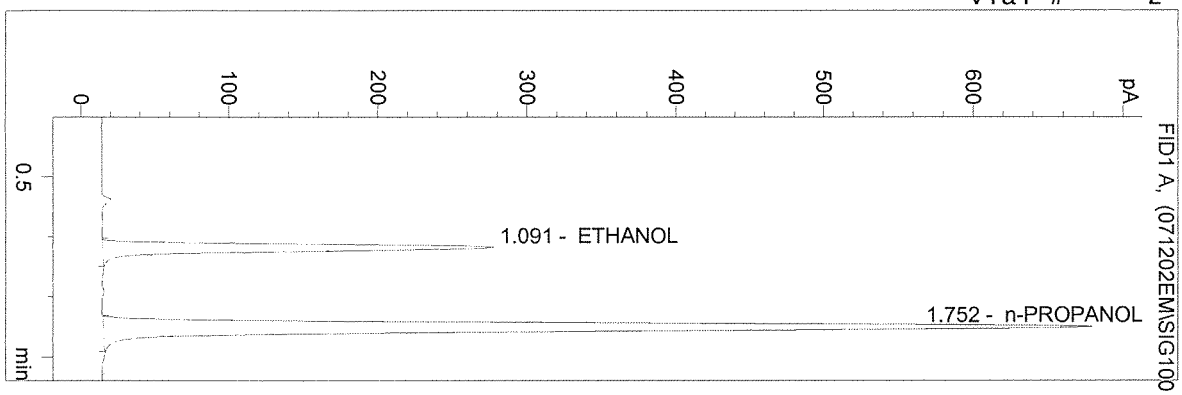
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/12/02 2:18:43 PM
Instrument 3
DB-ALC1

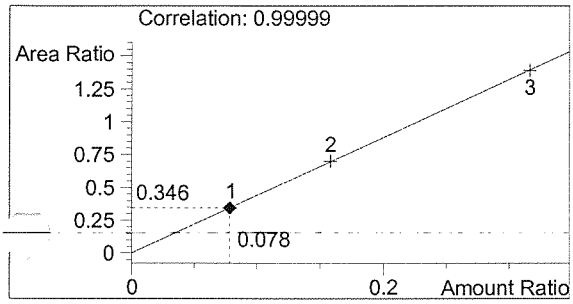
0.079 CAL
Estuardo J. Miranda

vial # 2

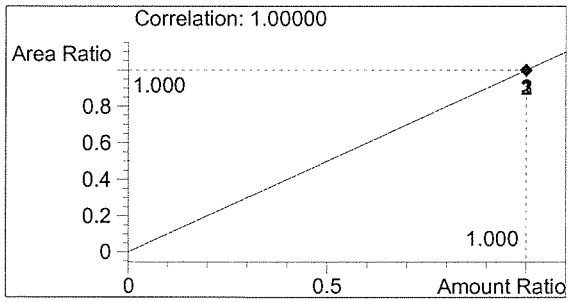


#	Compound	Area	RT
1	ETHANOL	1058	1.091
2	n-PROPANOL	3055	1.752

Totals:



ETHANOL 0.078 mg/L

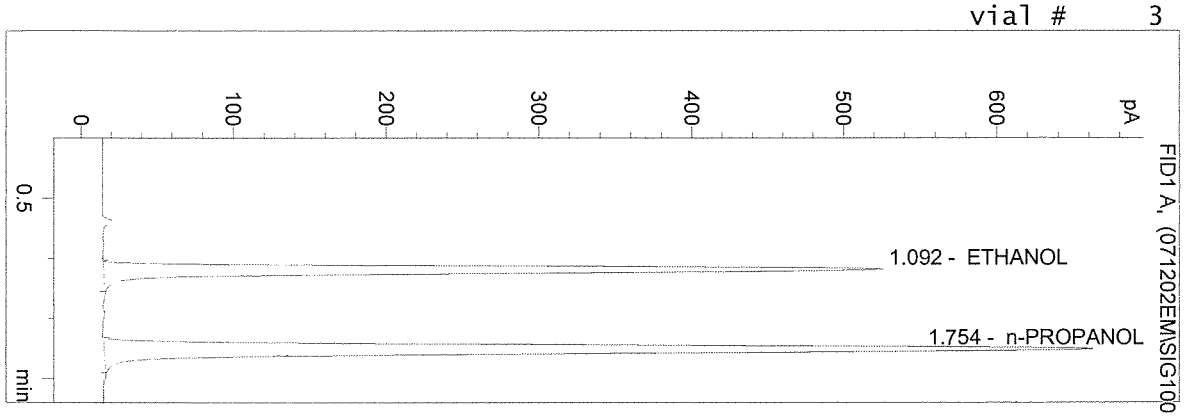


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/12/02 2:22:06 PM
Instrument 3
DB-ALC1

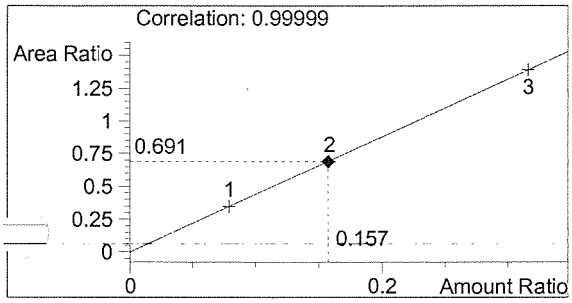
0.158 CAL
Estuardo J. Miranda

vial # 3

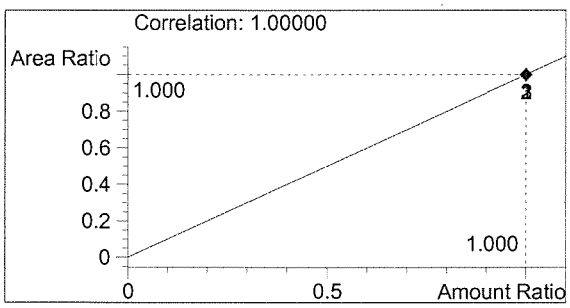


#	Compound	Area	RT
1	ETHANOL	2061	1.092
2	n-PROPANOL	2983	1.754

Totals:



ETHANOL 0.157 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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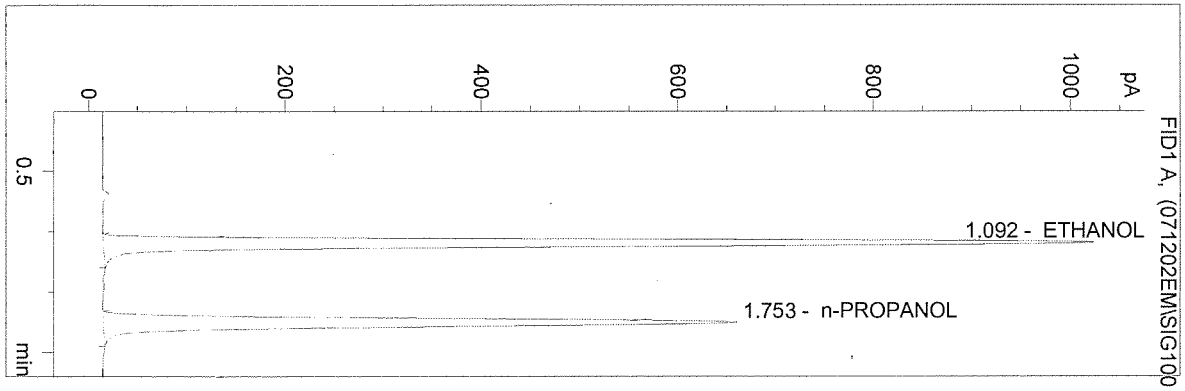
7/12/02 2:25:15 PM
Instrument 3
DB-ALC1

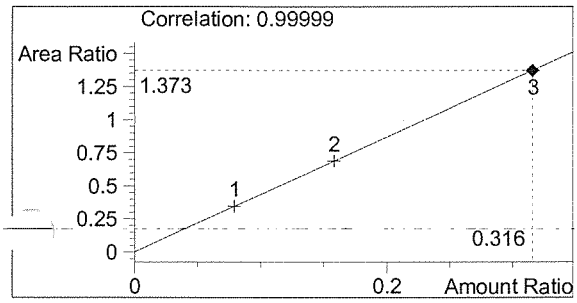
0.316 CAL
Estuardo J. Miranda

vial # 4

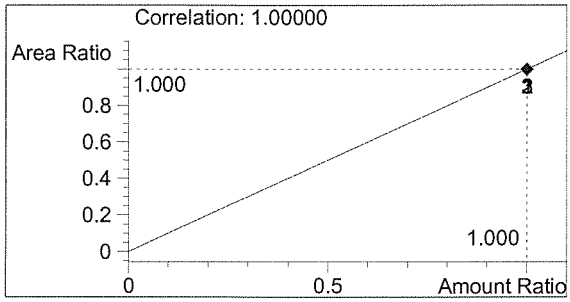


#	Compound	Area	RT
1	ETHANOL	4096	1.092
2	n-PROPANOL	2983	1.753

Totals:



ETHANOL 0.316 mg/L



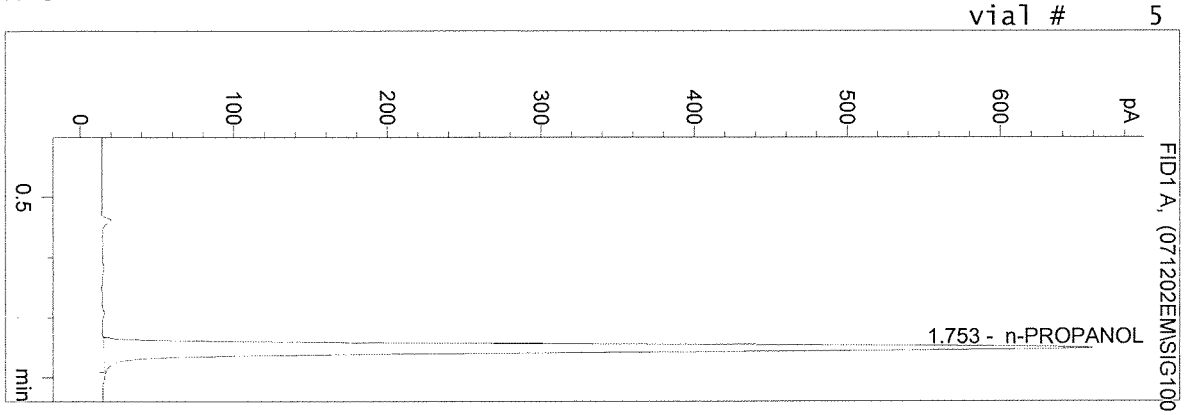
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/12/02 2:28:44 PM
Instrument 3
DB-ALC1

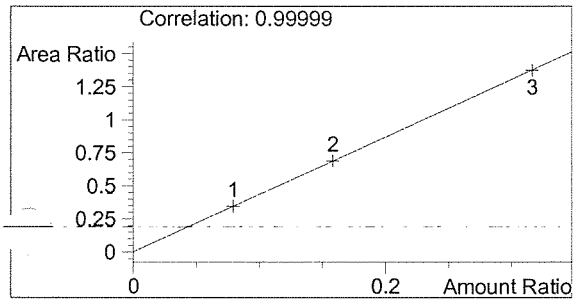
Blank
Estuardo J. Miranda

vial # 5

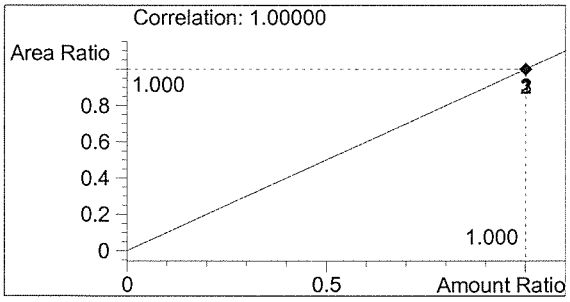


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2981	1.753

Totals:



ETHANOL 0.000 mg/L

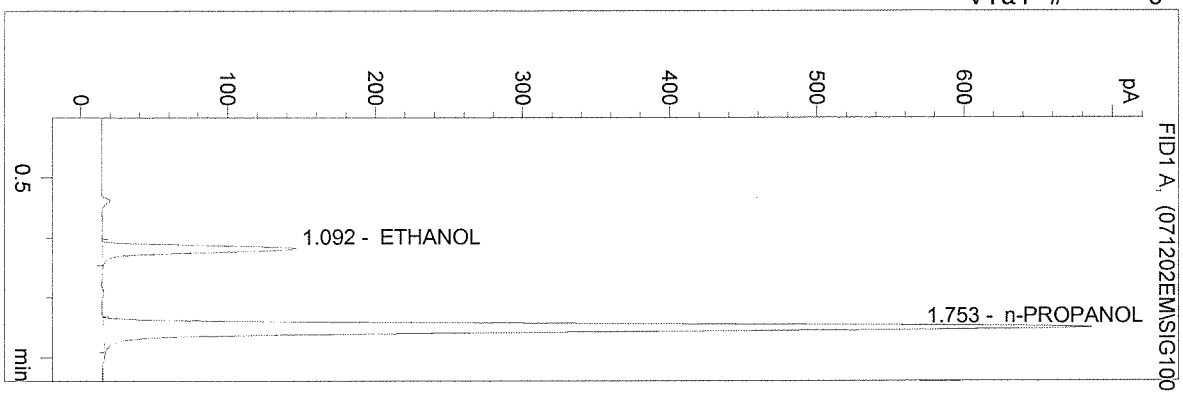


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/12/02 2:32:07 PM
Instrument 3
DB-ALC1

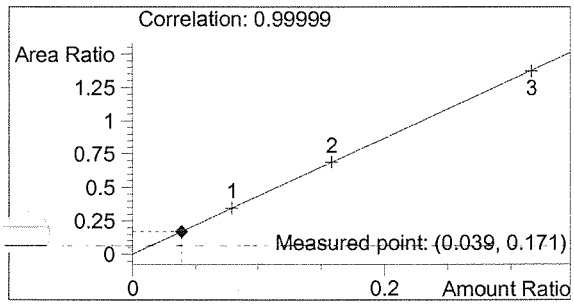
0.040 Control
Estuardo J. Miranda

vial # 6

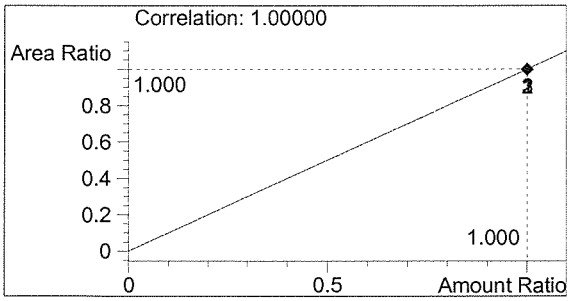


#	Compound	Area	RT
1	ETHANOL	529	1.092
2	n-PROPANOL	3089	1.753

Totals:



ETHANOL 0.039 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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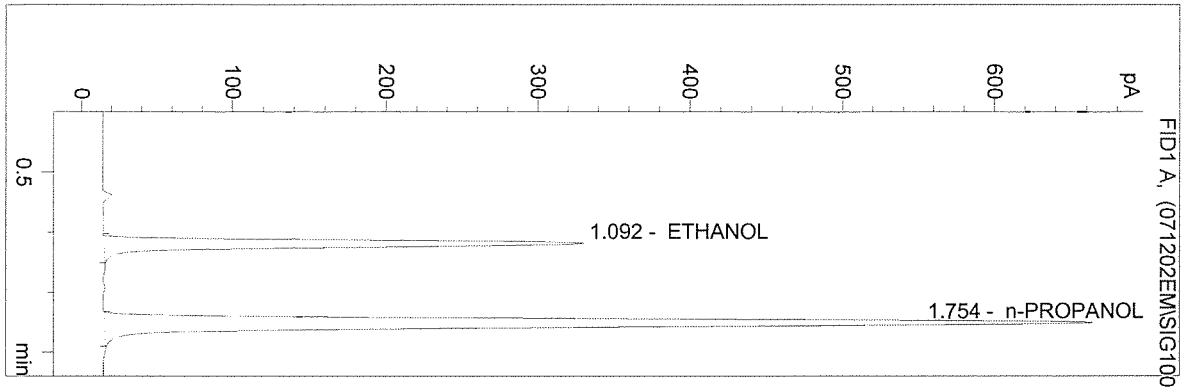
Instrument 3
DB-ALC1

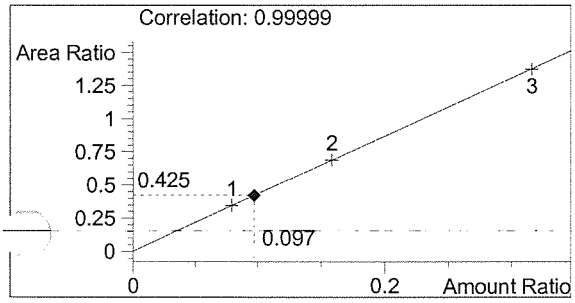
0.100 Control
Estuardo J. Miranda

vial # 7

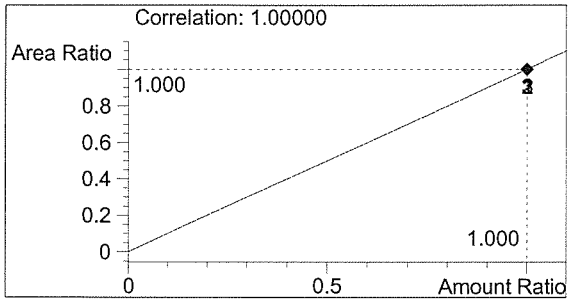


#	Compound	Area	RT
1	ETHANOL	1271	1.092
2	n-PROPANOL	2995	1.754

Totals:



ETHANOL 0.097 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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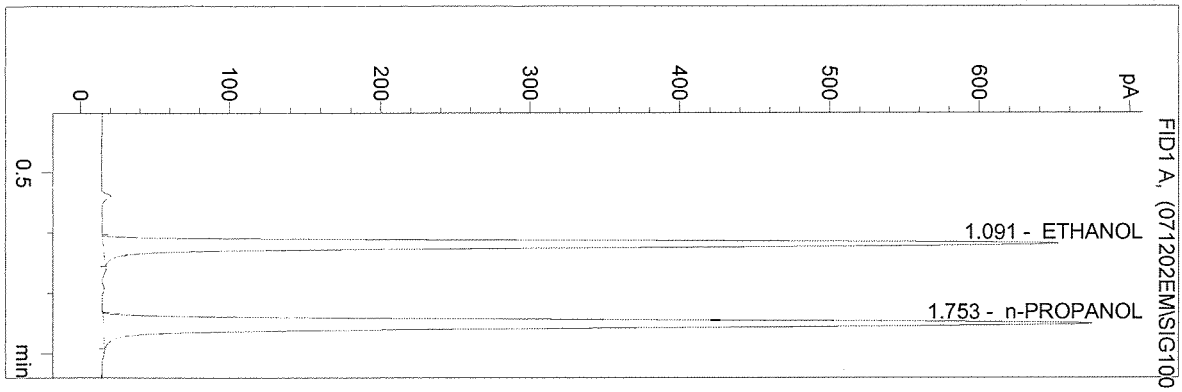
Instrument 3
DB-ALC1

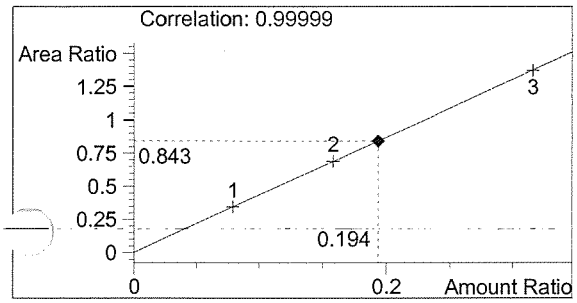
0.200 Control
Estuardo J. Miranda

vial # 8

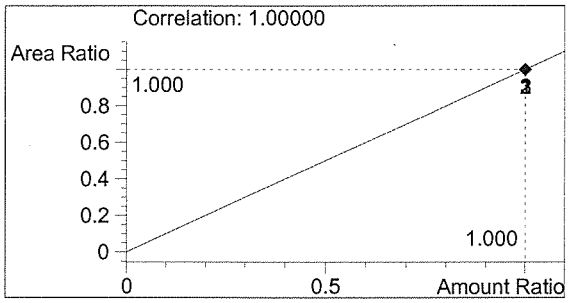


#	Compound	Area	RT
1	ETHANOL	2563	1.091
2	n-PROPANOL	3042	1.753

Totals:



ETHANOL 0.194 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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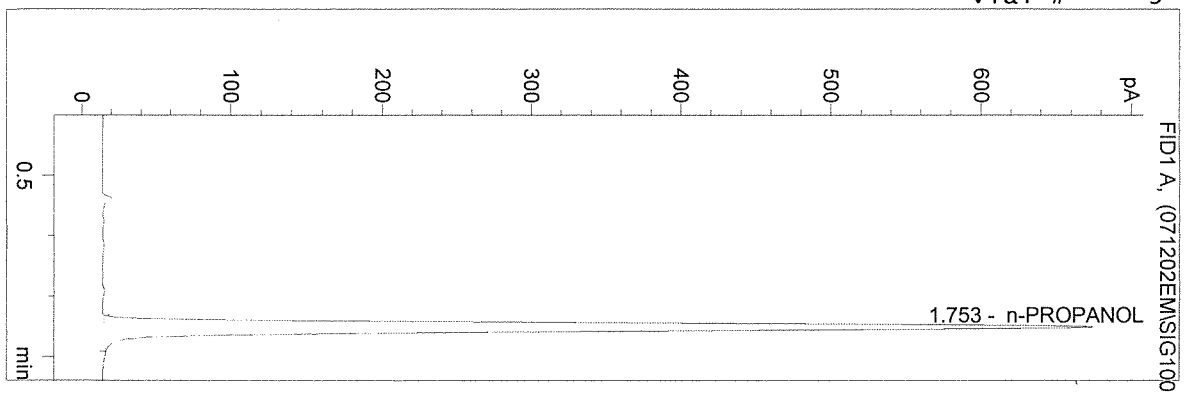
Instrument 3
DB-ALC1

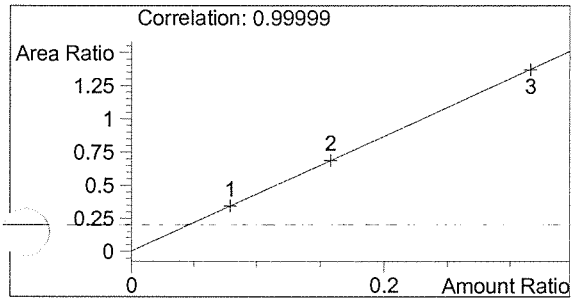
Blank
Estuardo J. Miranda

vial # 9

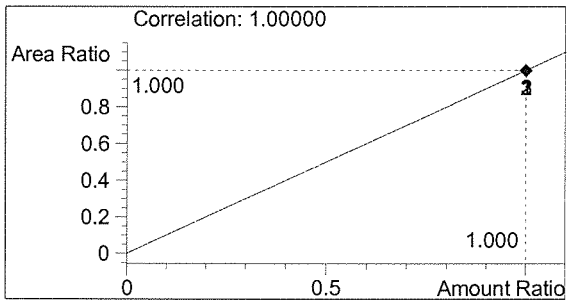


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3069	1.753

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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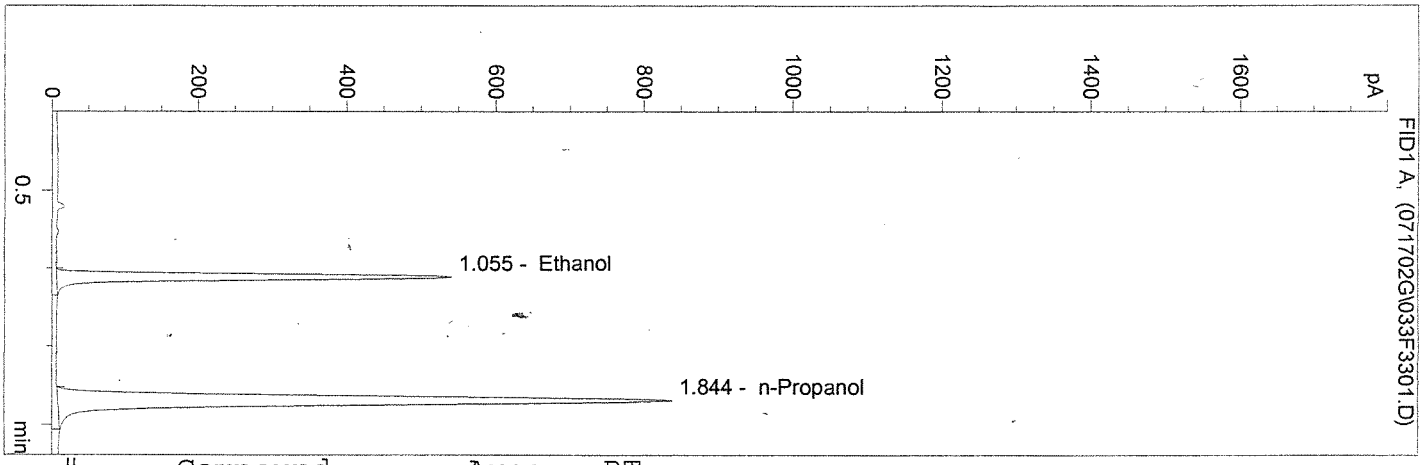
Instrument 2
DB-ALC1

QA 02025
Cal024151

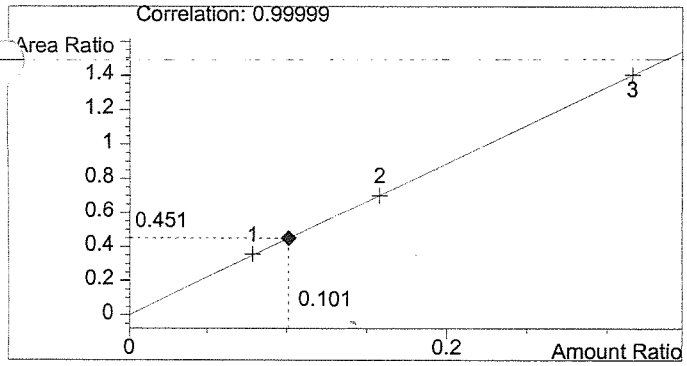
CAP 0.100
Gene Schwilke

vial # 33

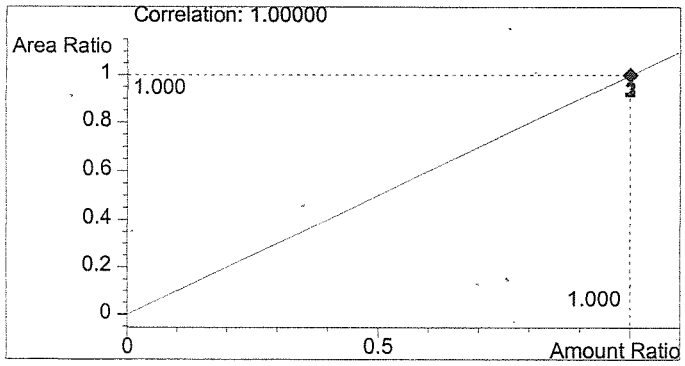


#	Compound	Area	RT
1	Ethanol	1445	1.055
2	n-Propanol	3201	1.844

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DB-ALC1

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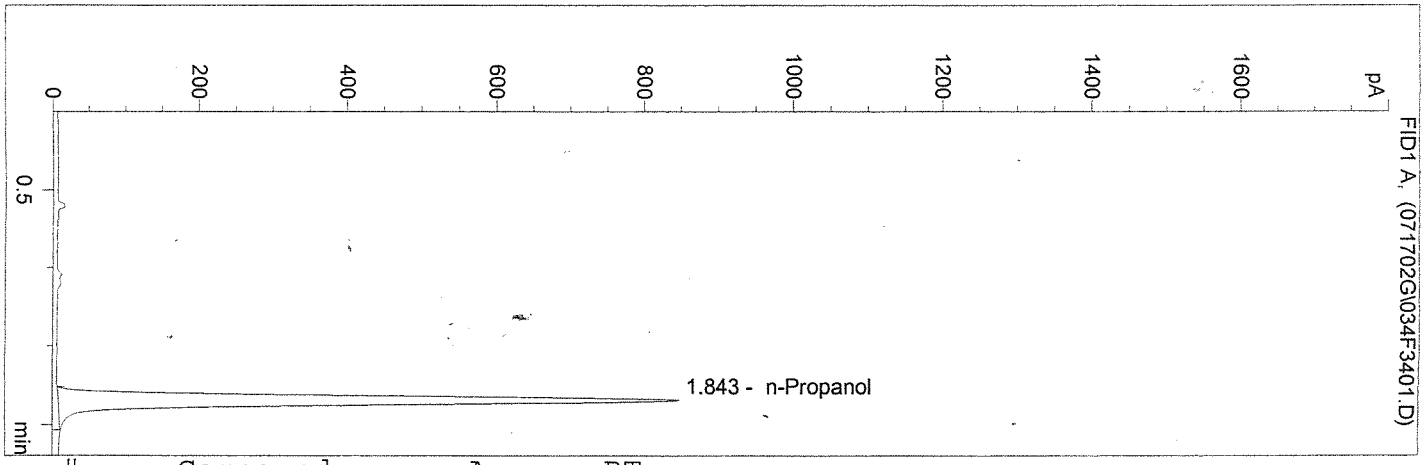
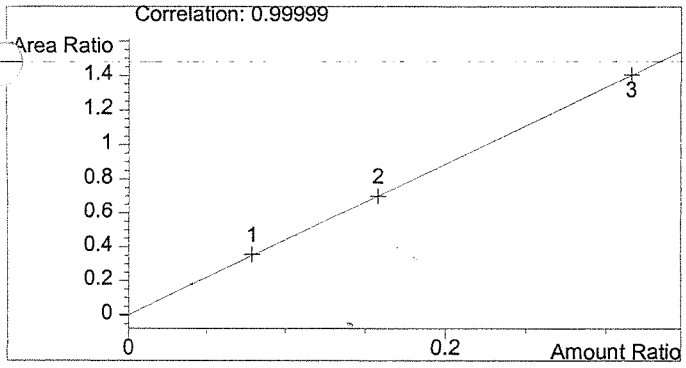
Gene Schwilke

vial # 34

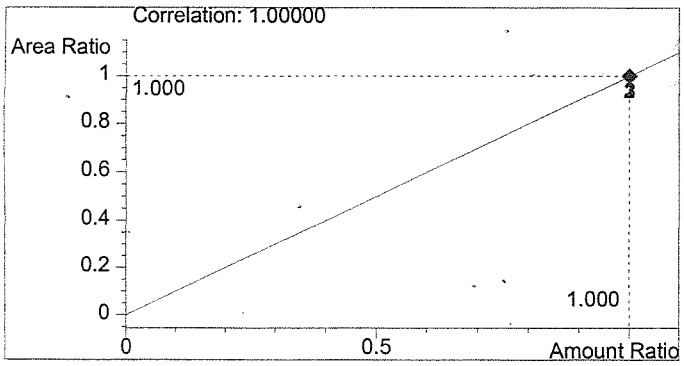


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3252	1.843

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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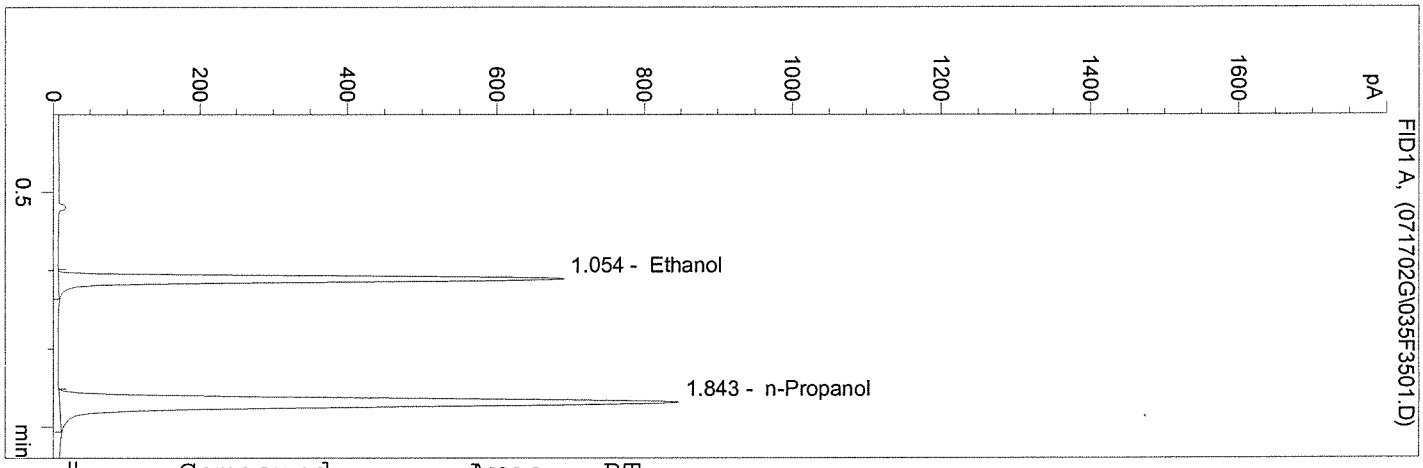
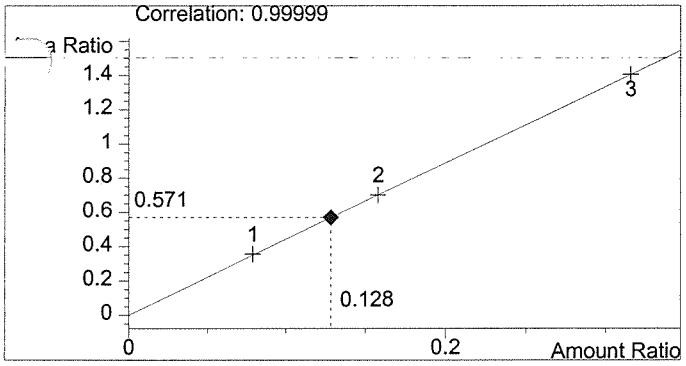
Instrument 2
DR-ALC1

0.10QASOL 02025
Gene Schwilke

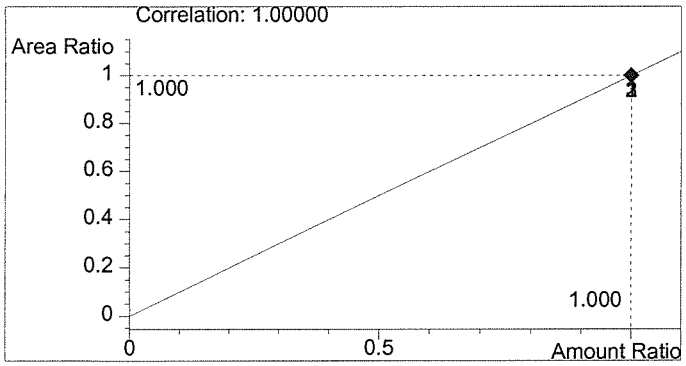
vial # 35



#	Compound	Area	RT
1	Ethanol	1861	1.054
2	n-Propanol	3257	1.843
Totals:			



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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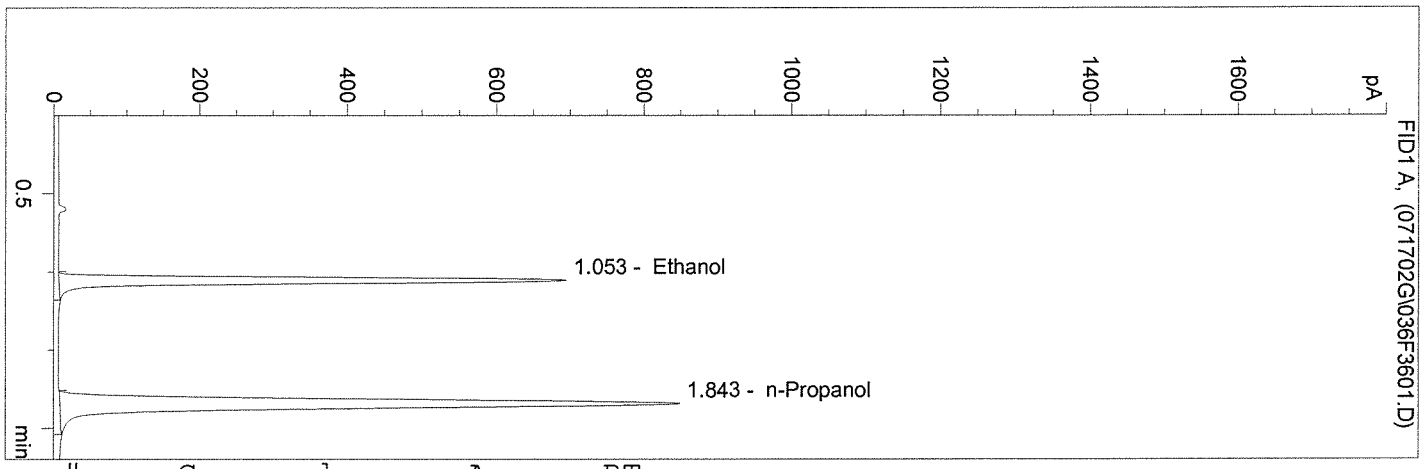
Instrument 2
DR-ALC1

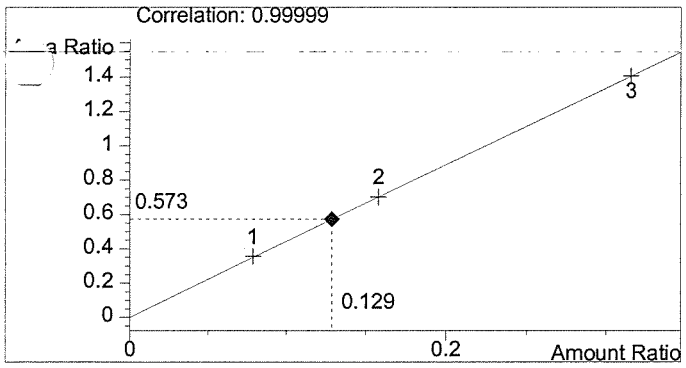
0.10QASOL 02025
Gene Schwilke

vial # 36

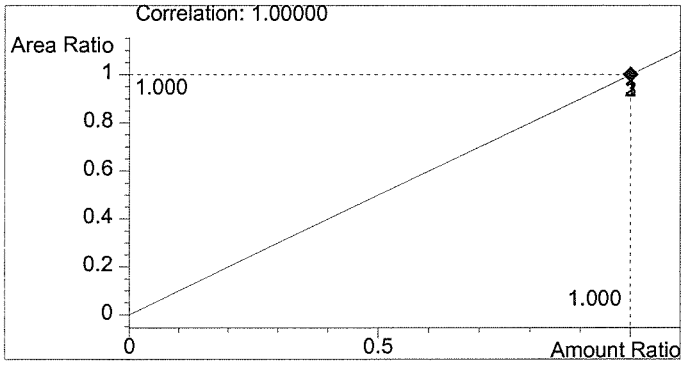


#	Compound	Area	RT
1	Ethanol	1874	1.053
2	n-Propanol	3270	1.843

Totals:



Ethanol 0.129 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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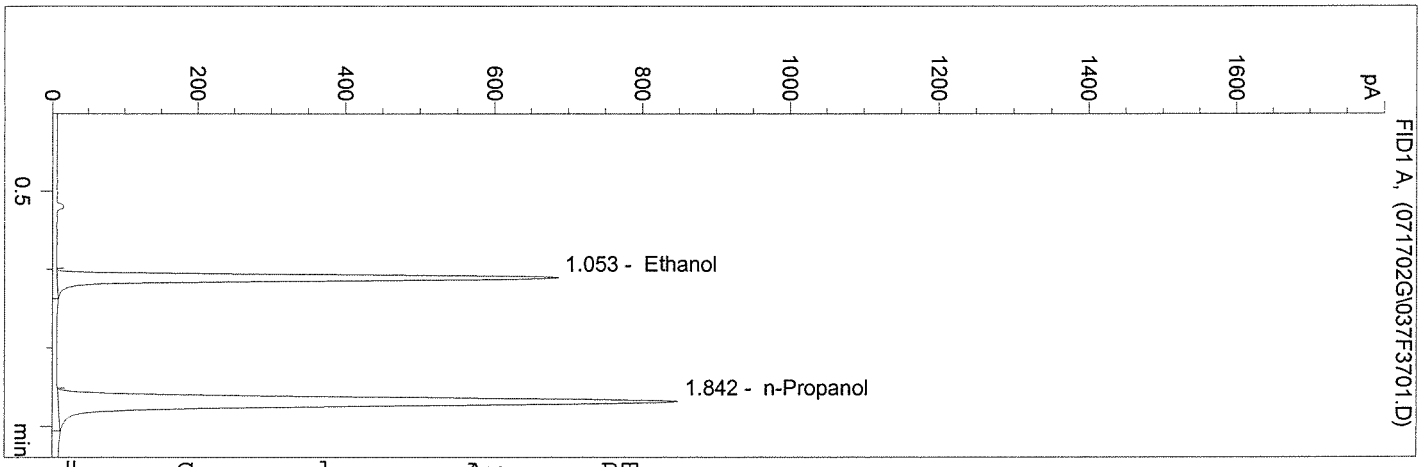
Instrument 2
DB-ALC1

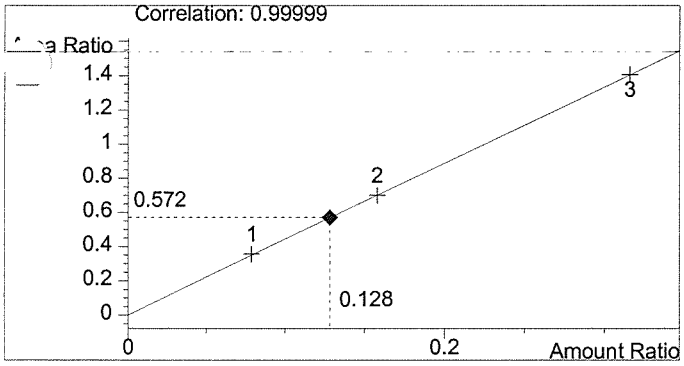
0.10QASOL 02025
Gene Schwilke

vial # 37

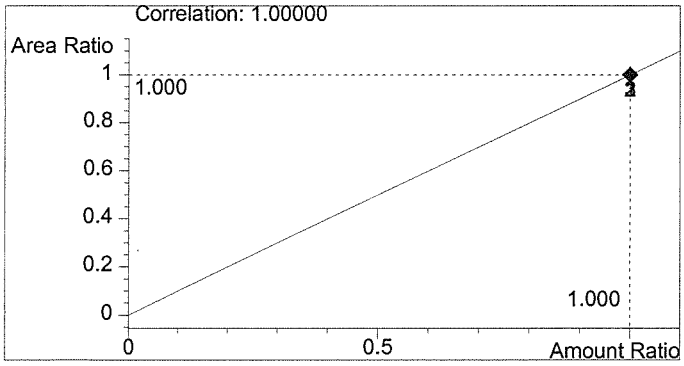


#	Compound	Area	RT
1	Ethanol	1862	1.053
2	n-Propanol	3256	1.842

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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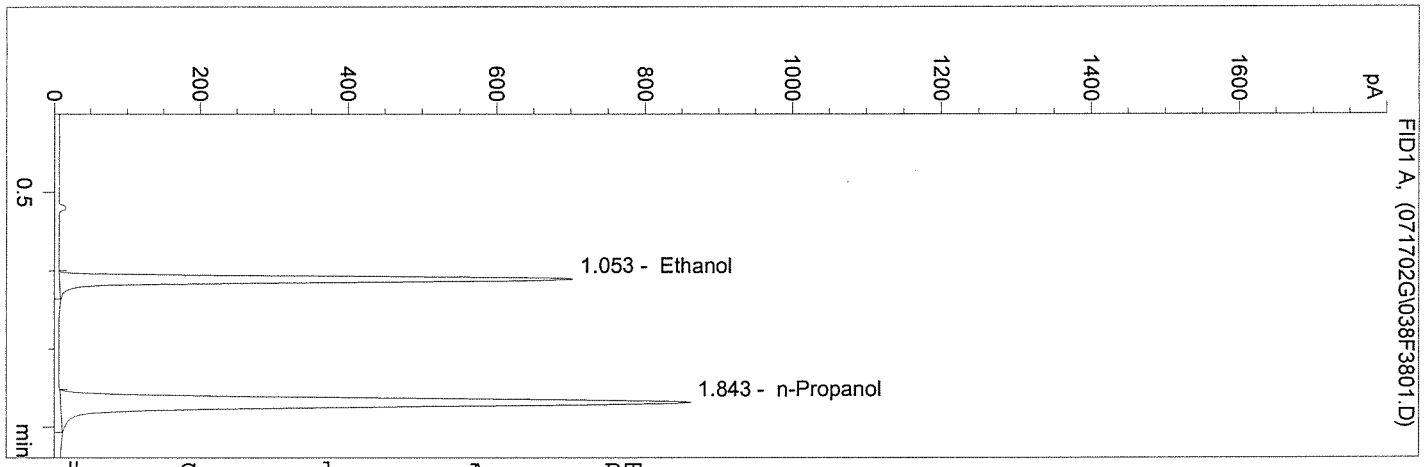
Instrument 2
DB-ALC1

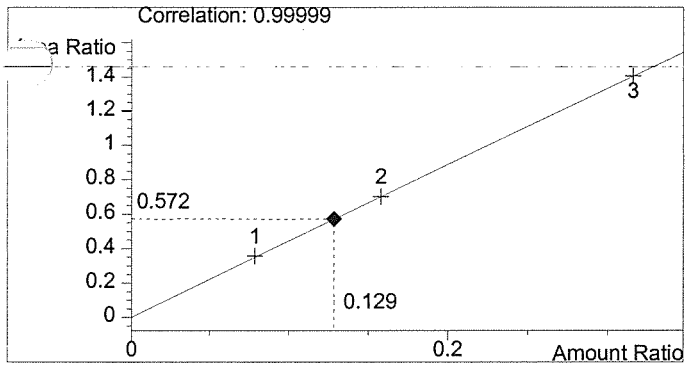
0.10QASOL 02025
Gene Schwilke

vial # 38

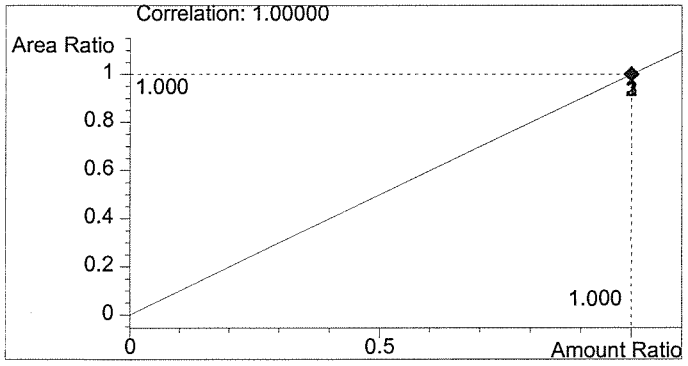


#	Compound	Area	RT
1	Ethanol	1895	1.053
2	n-Propanol	3311	1.843

Totals:



Ethanol 0.129 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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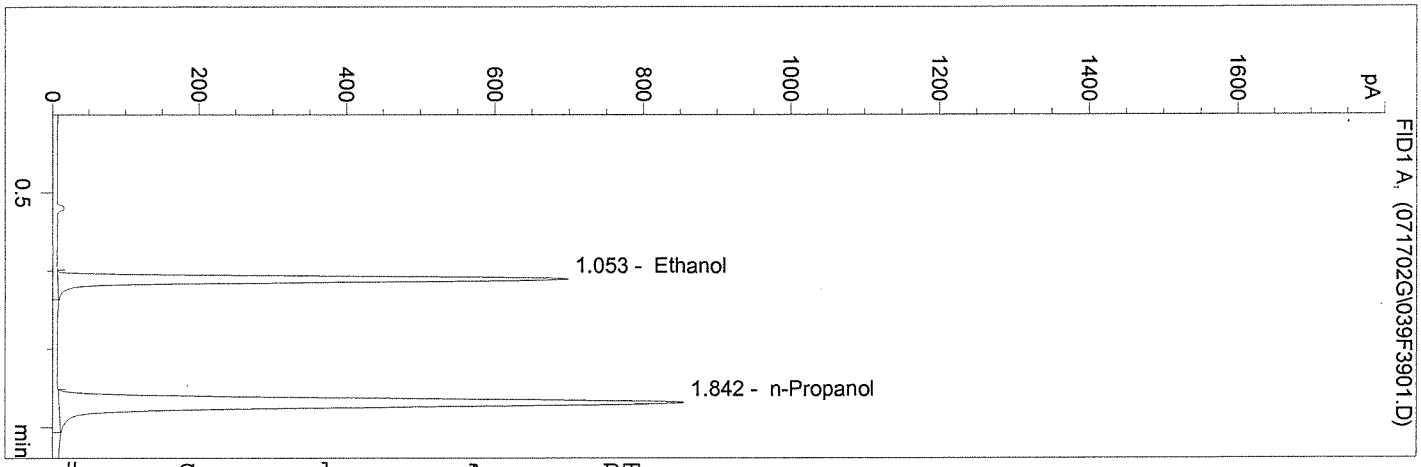
Instrument 2
DB-ALC1

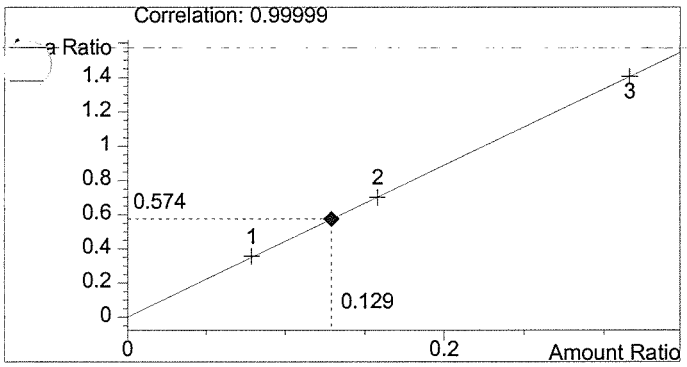
0.10QASOL 02025
Gene Schwilke

vial # 39

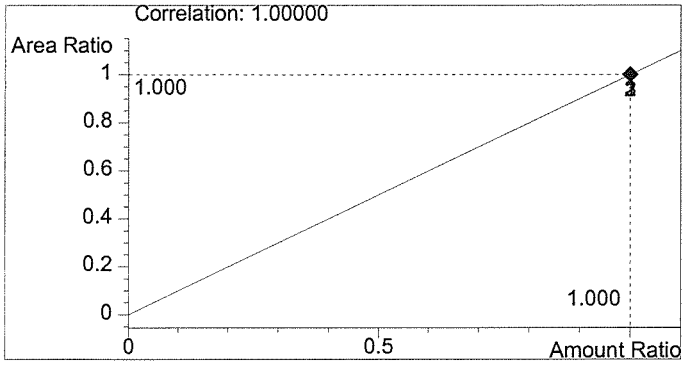


#	Compound	Area	RT
1	Ethanol	1886	1.053
2	n-Propanol	3285	1.842

Totals:



Ethanol 0.129 g/100ml



n-Propanol 1.000 g/100ml

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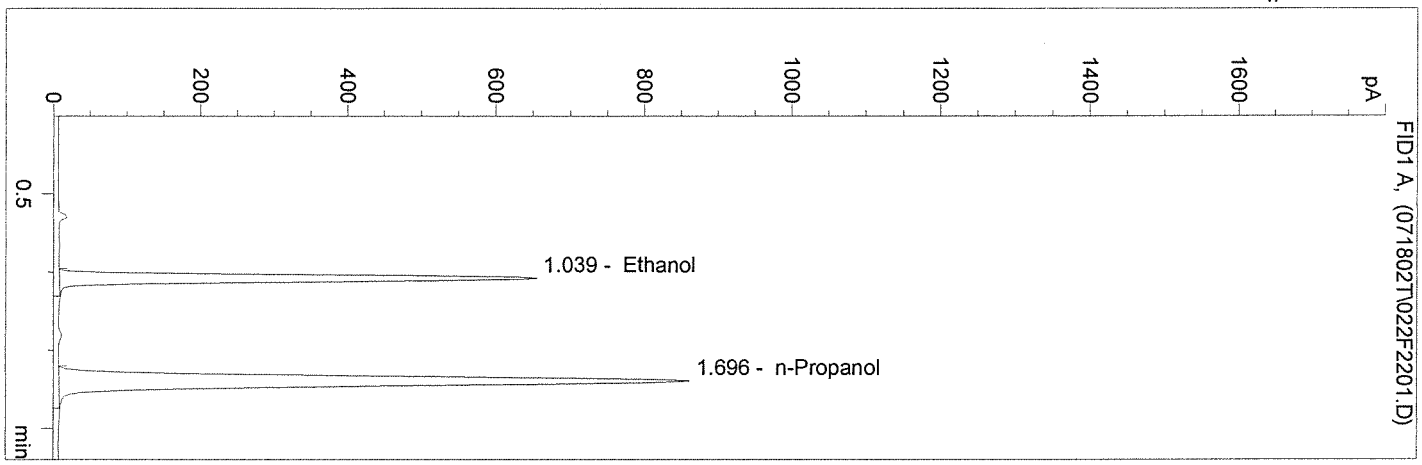
Instrument 1
-ALC1

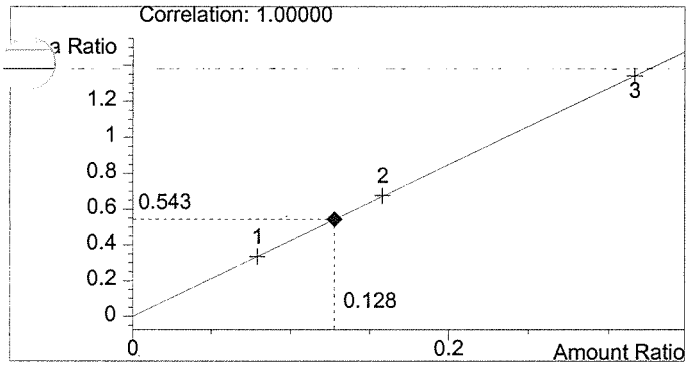
QA 02025-1
JAYNE THATCHER

vial # 22

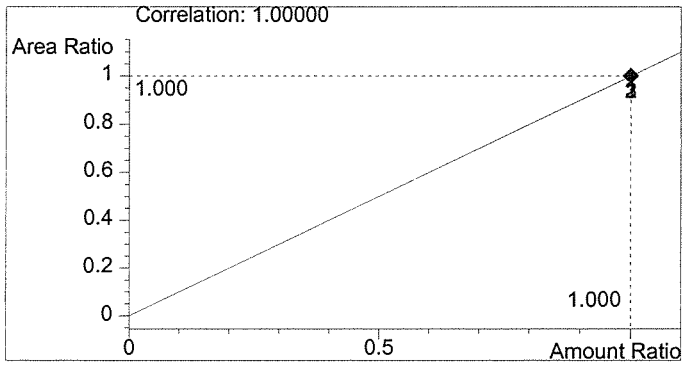


#	Compound	Area	RT
1	Ethanol	1940	1.039
2	n-Propanol	3572	1.696

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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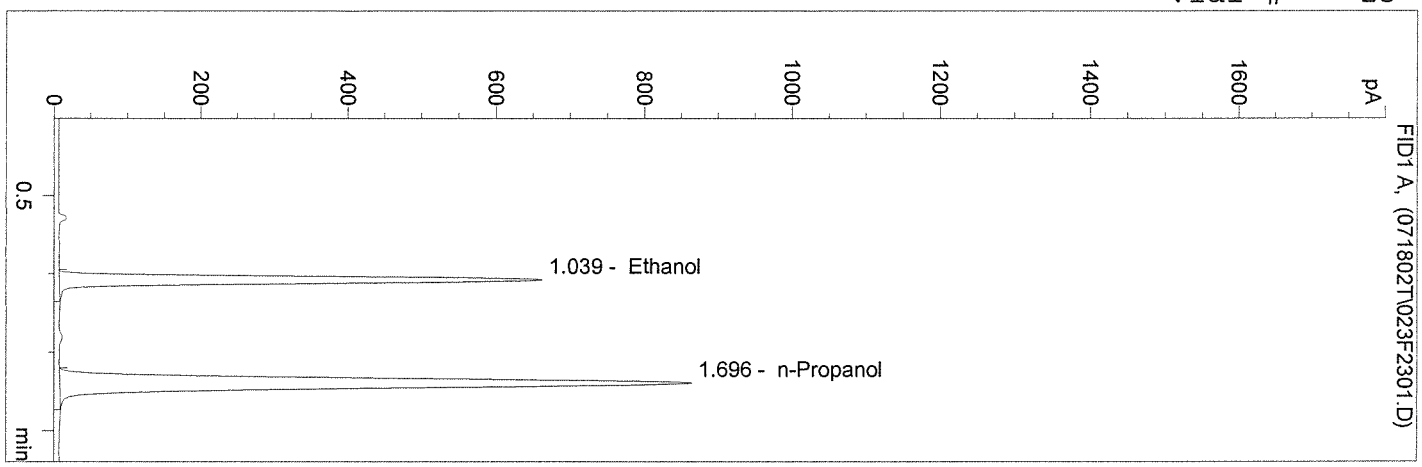
Instrument 1
-ALC1

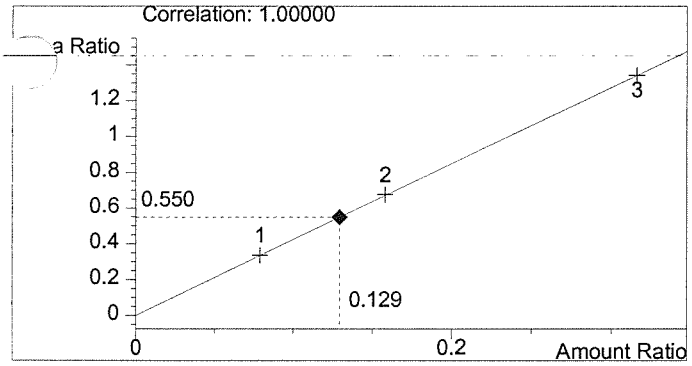
QA 02025-2
JAYNE THATCHER

vial # 23

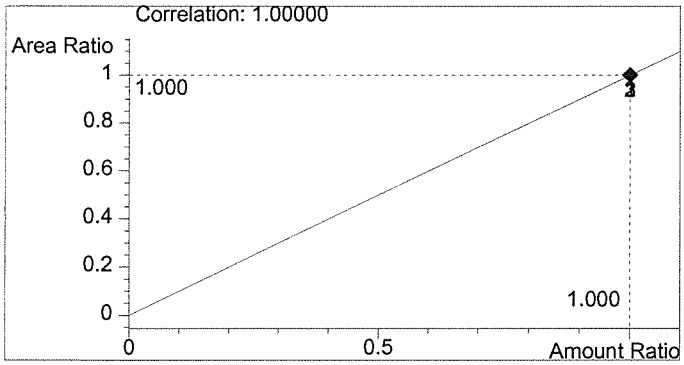


#	Compound	Area	RT
1	Ethanol	1973	1.039
2	n-Propanol	3589	1.696

Totals:



Ethanol 0.129 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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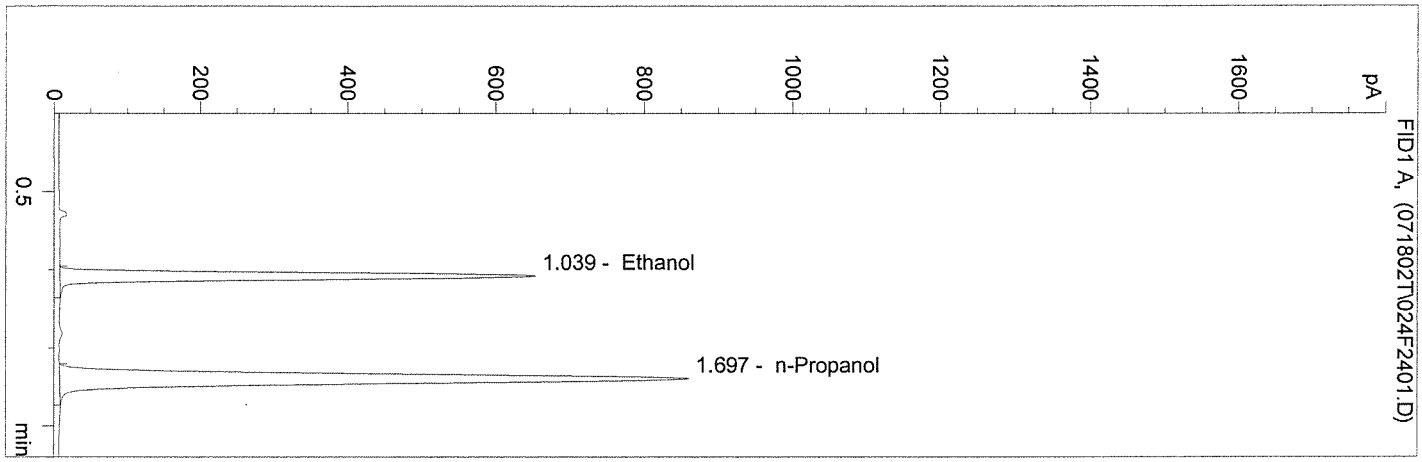
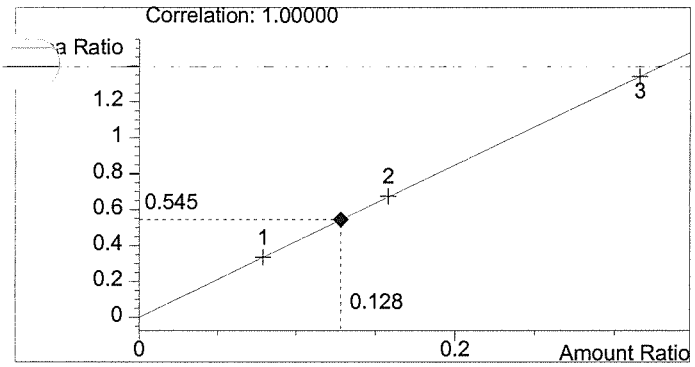
Instrument 1
-ALC1

QA 02025-3
JAYNE THATCHER

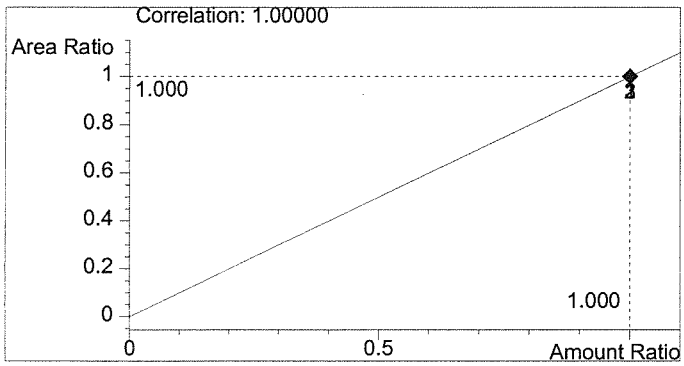
vial # 24



#	Compound	Area	RT
1	Ethanol	1951	1.039
2	n-Propanol	3582	1.697
Totals:			



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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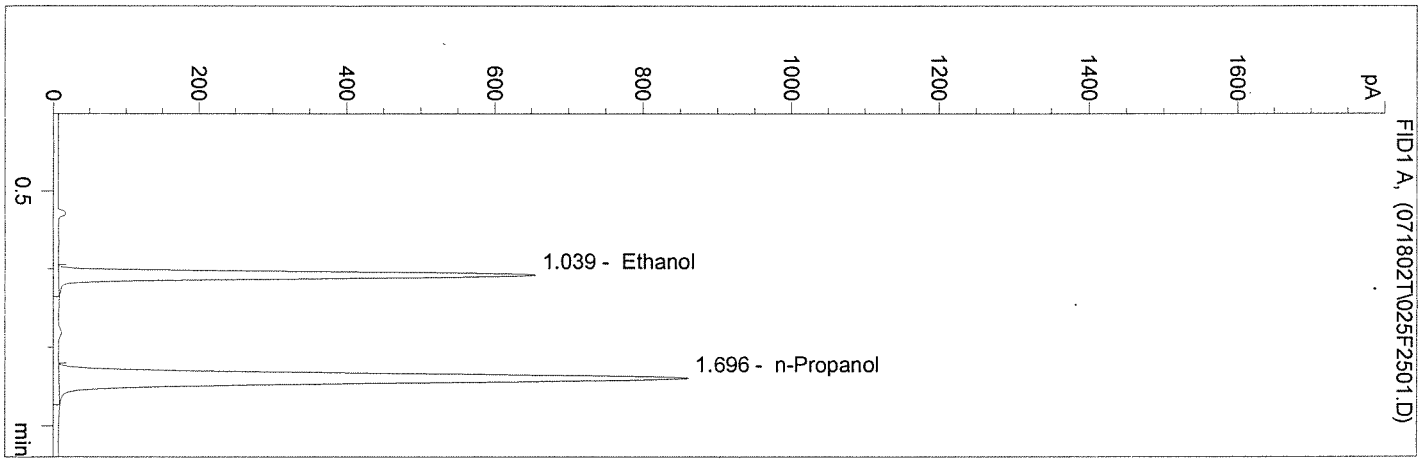
Instrument 1
-ALC1

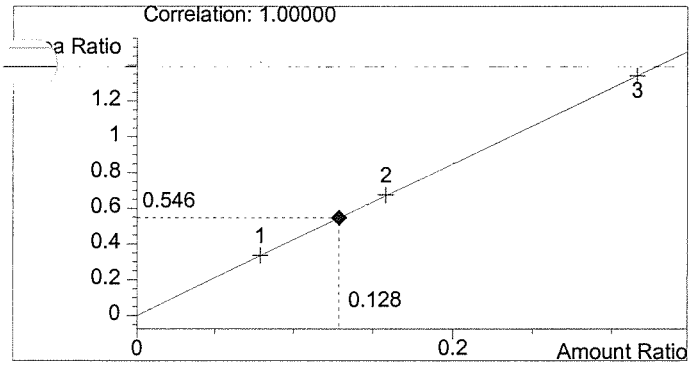
QA 02025-4
JAYNE THATCHER

vial # 25

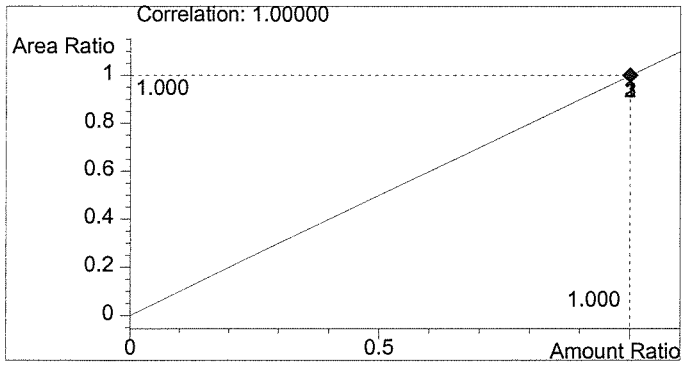


#	Compound	Area	RT
1	Ethanol	1960	1.039
2	n-Propanol	3588	1.696

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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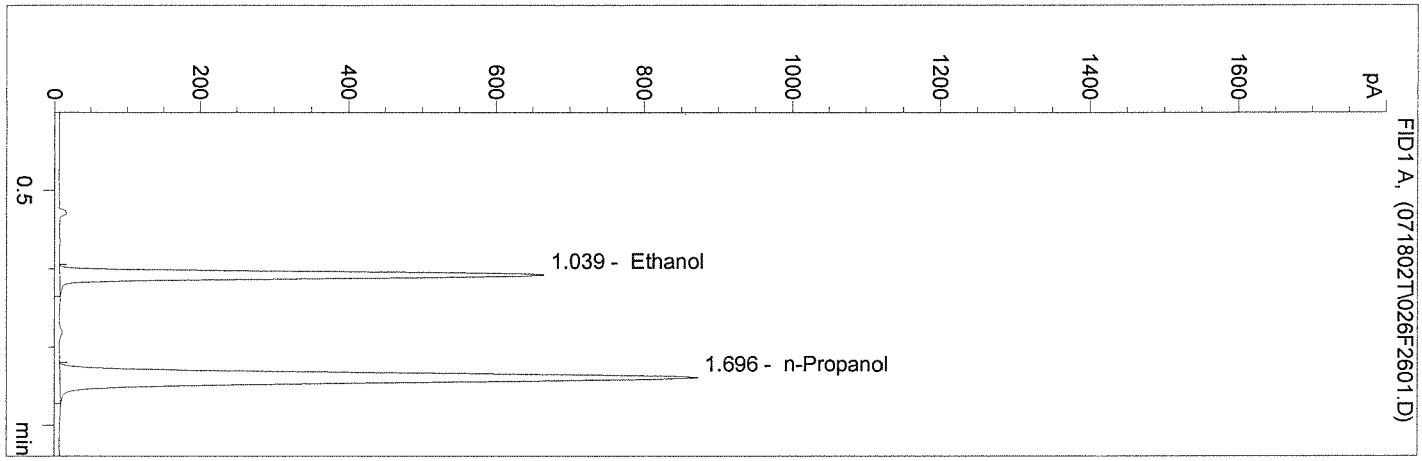
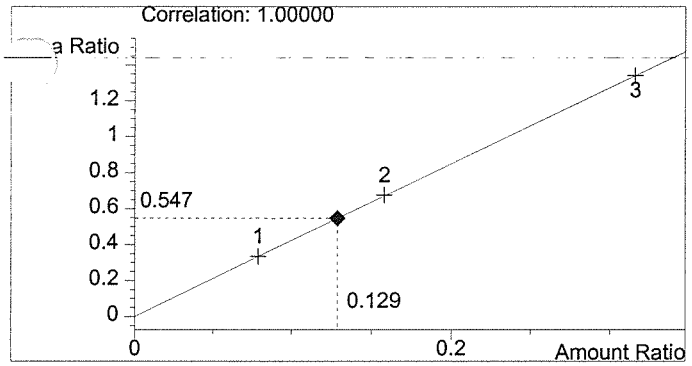
7/18/02 5:32:31 PM
Instrument 1
-ALC1

QA 02025-5
JAYNE THATCHER

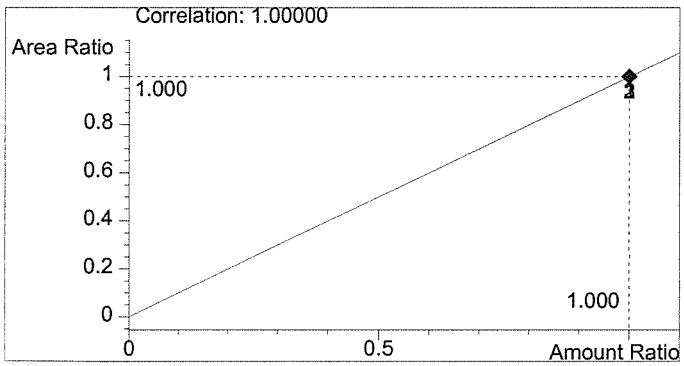
vial # 26



#	Compound	Area	RT
1	Ethanol	1983	1.039
2	n-Propanol	3623	1.696
Totals:			



Ethanol 0.129 g/100ml



n-Propanol 1.000 g/100ml

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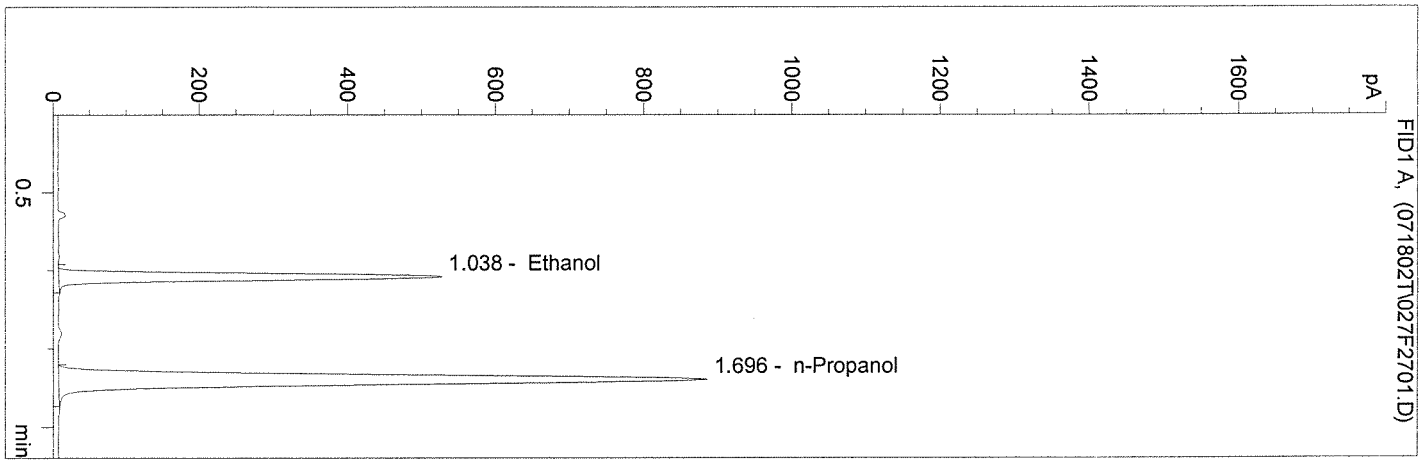
Instrument 1
-ALC1

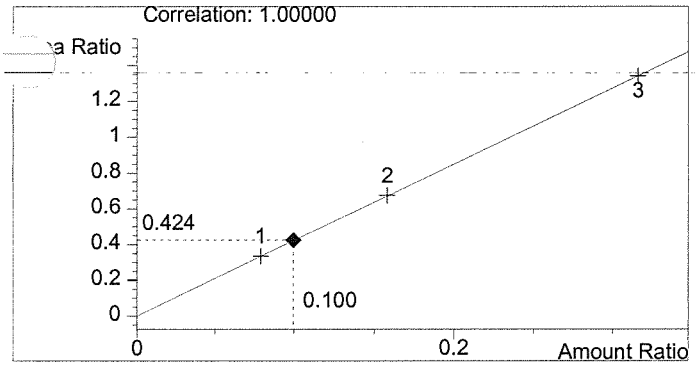
0.10 CONTROL
JAYNE THATCHER

vial # 27

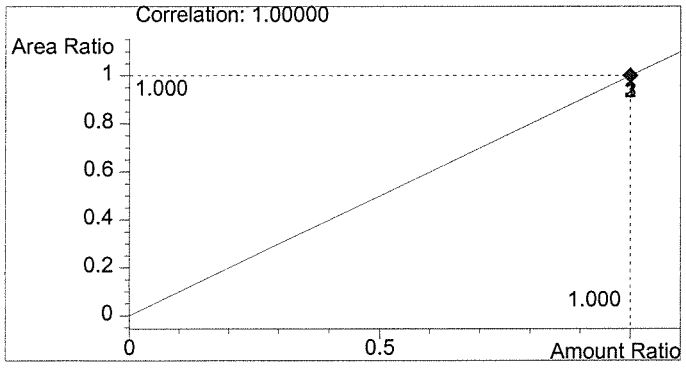


#	Compound	Area	RT
1	Ethanol	1559	1.038
2	n-Propanol	3677	1.696

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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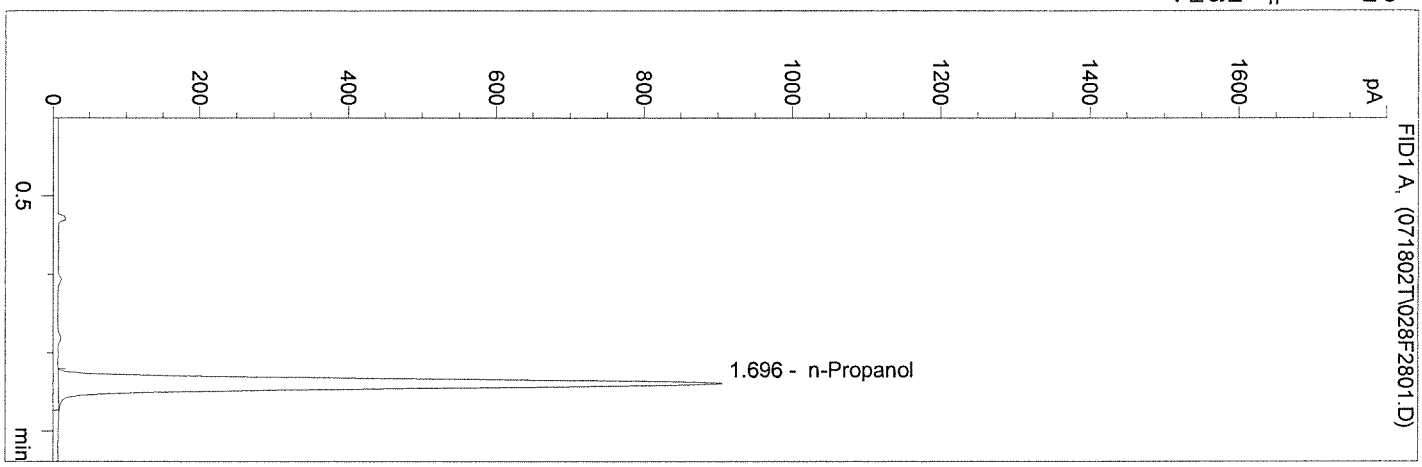
Instrument 1
-ALC1

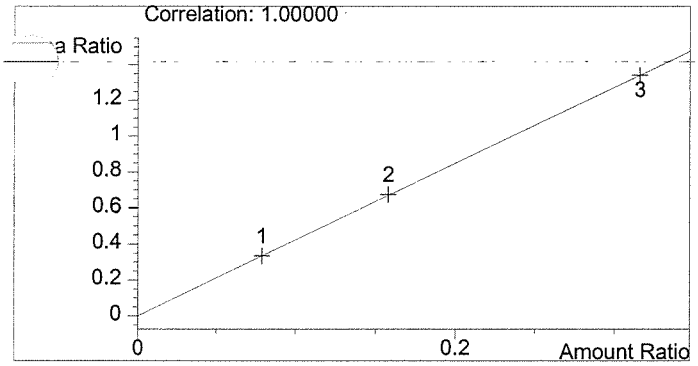
BLANK
JAYNE THATCHER

vial # 28

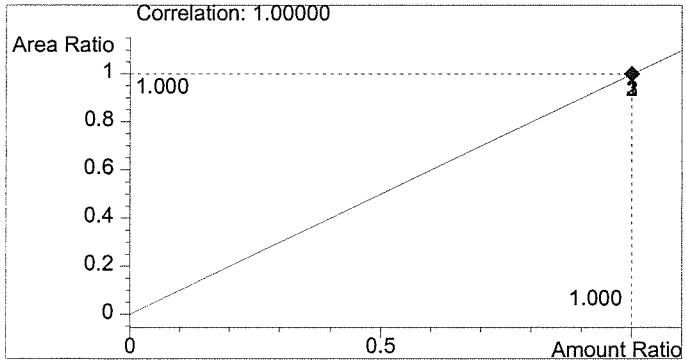


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3770	1.696

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
-ALC1

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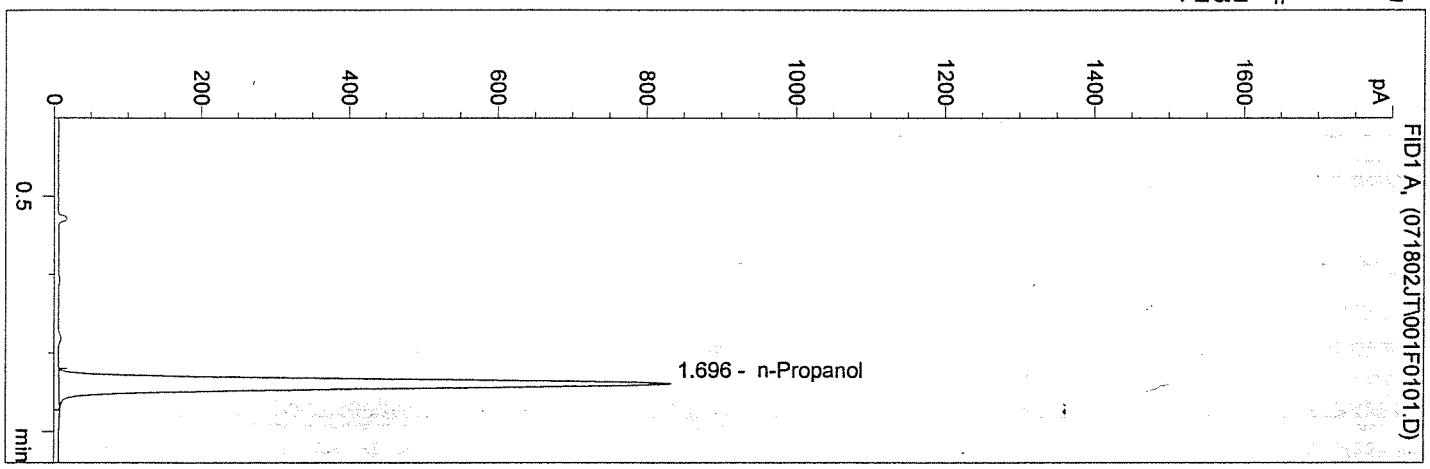
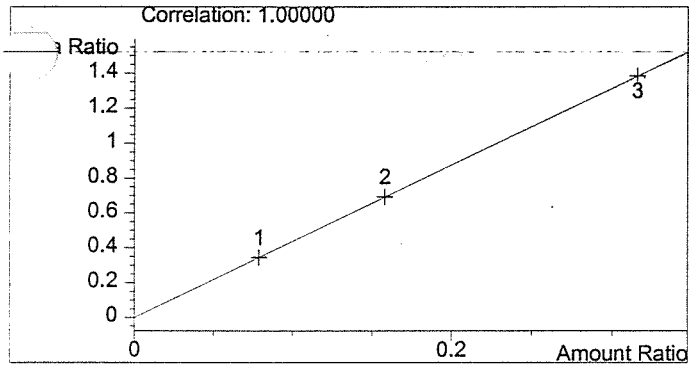
JAYNE THATCHER

vial # 1

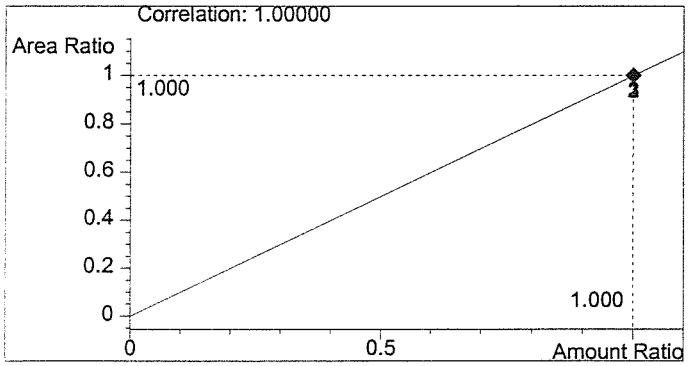


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3464	1.696

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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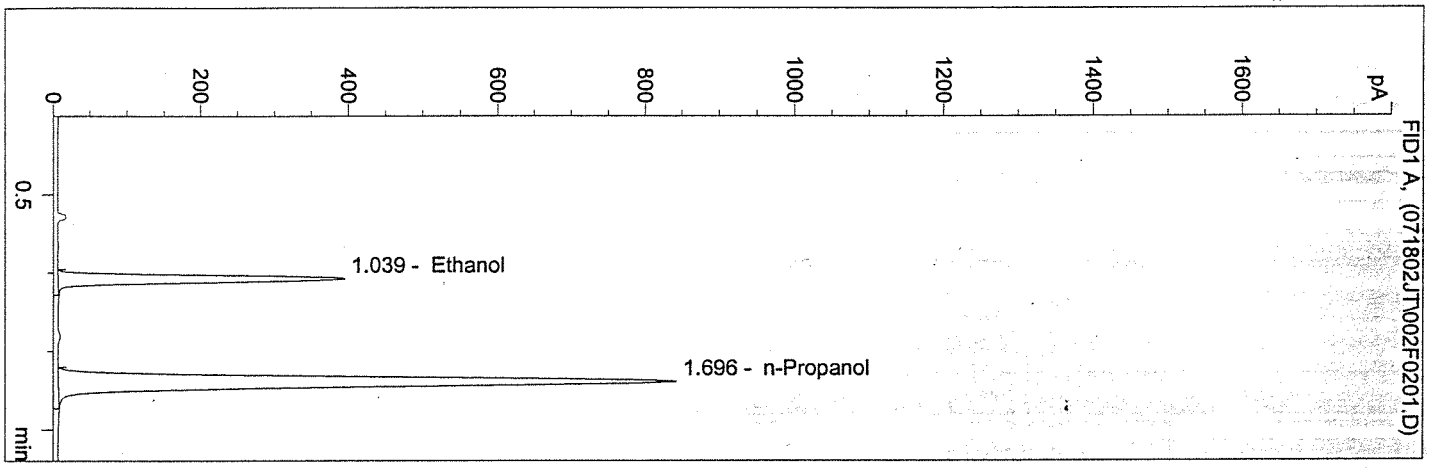
Instrument 1
-ALC1

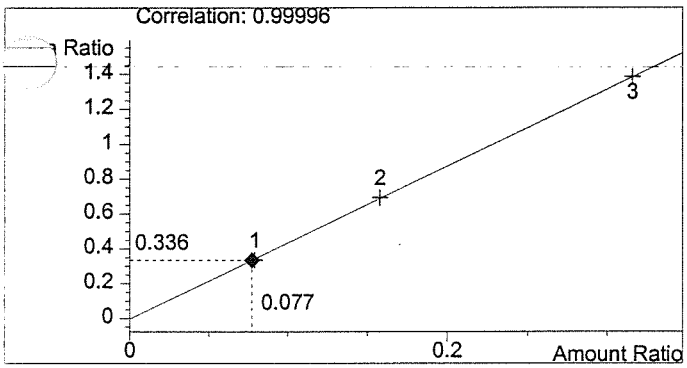
0.079 CAL
JAYNE THATCHER

vial # 2

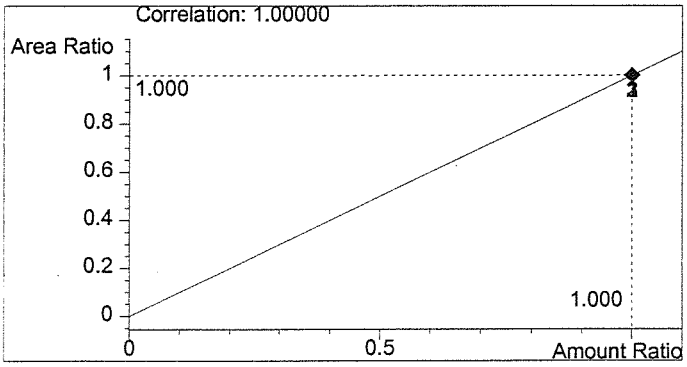


#	Compound	Area	RT
1	Ethanol	1175	1.039
2	n-Propanol	3503	1.696

Totals:



Ethanol 0.077 g/100ml



n-Propanol 1.000 g/100ml

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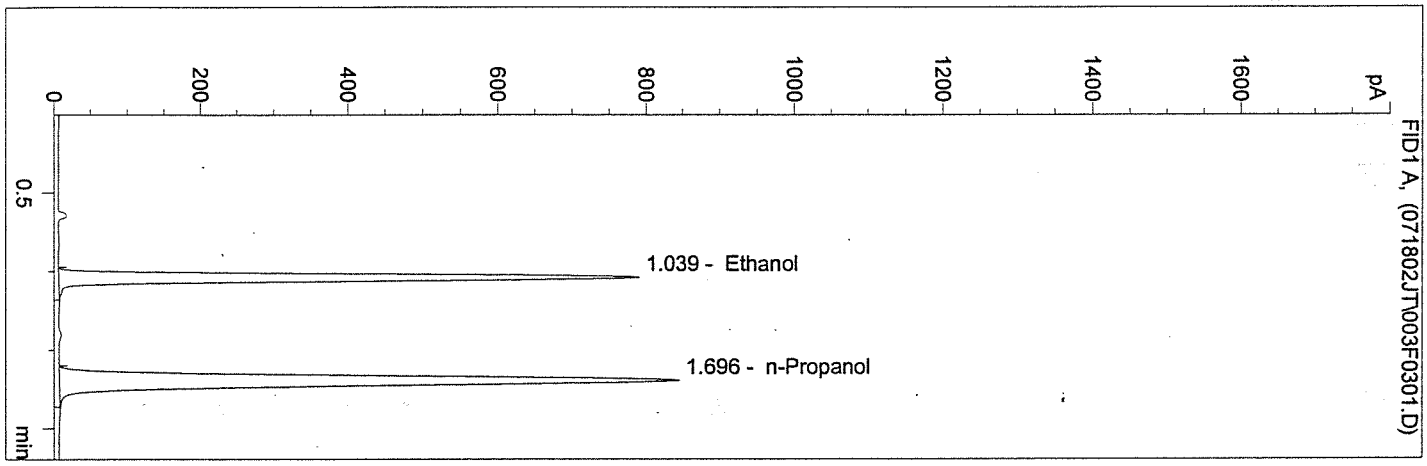
Instrument 1
BD-ALC1

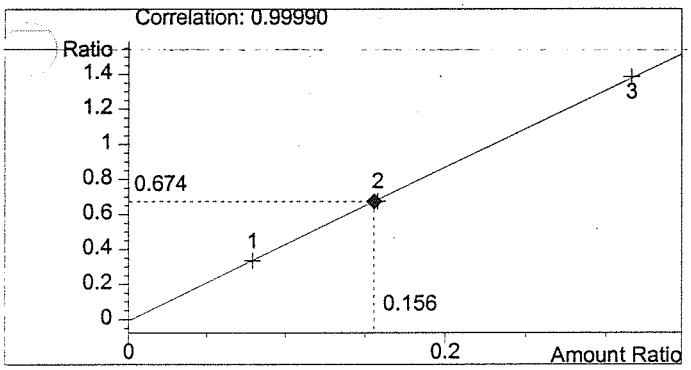
0.158 CAL
JAYNE THATCHER

vial # 3

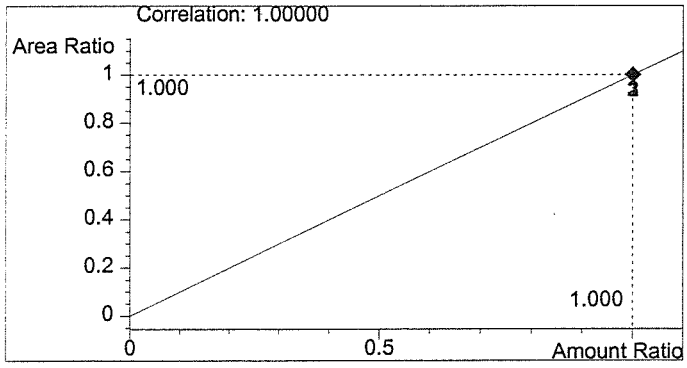


#	Compound	Area	RT
1	Ethanol	2369	1.039
2	n-Propanol	3512	1.696

Totals:



Ethanol 0.156 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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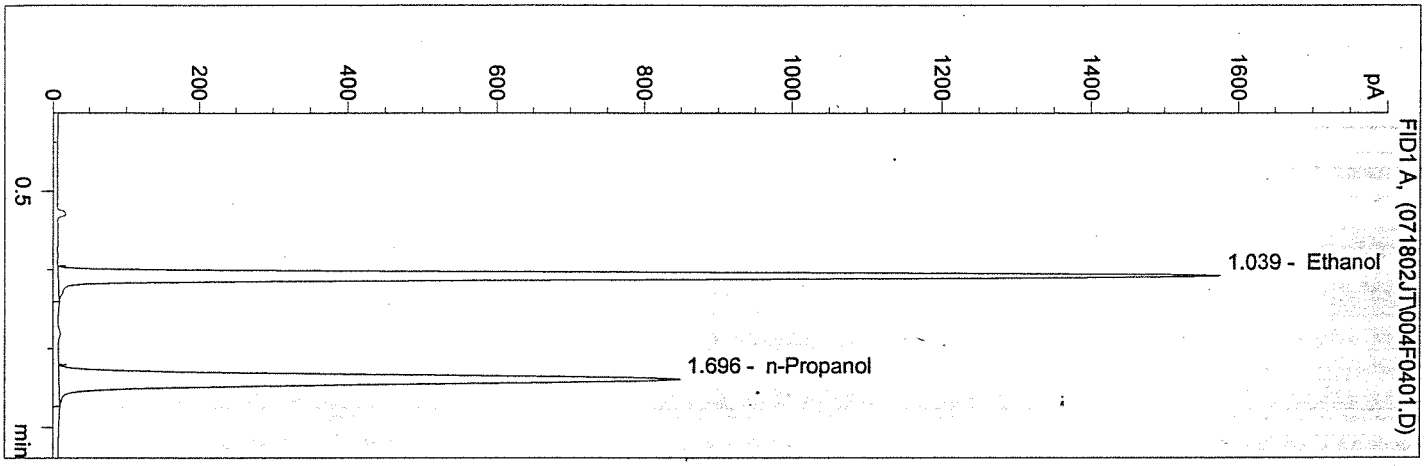
7/18/02 9:08:58 AM
Instrument 1
-ALC1

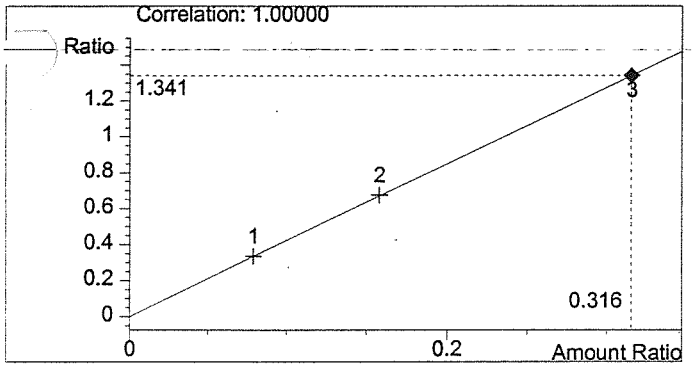
0.316 CAL
JAYNE THATCHER

vial # 4

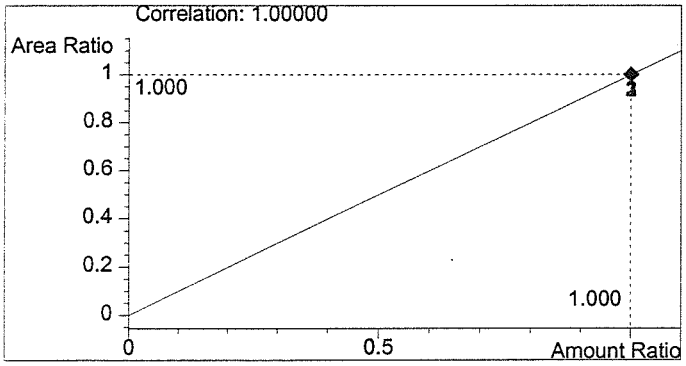


#	Compound	Area	RT
1	Ethanol	4723	1.039
2	n-Propanol	3521	1.696

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
LS-ALC1

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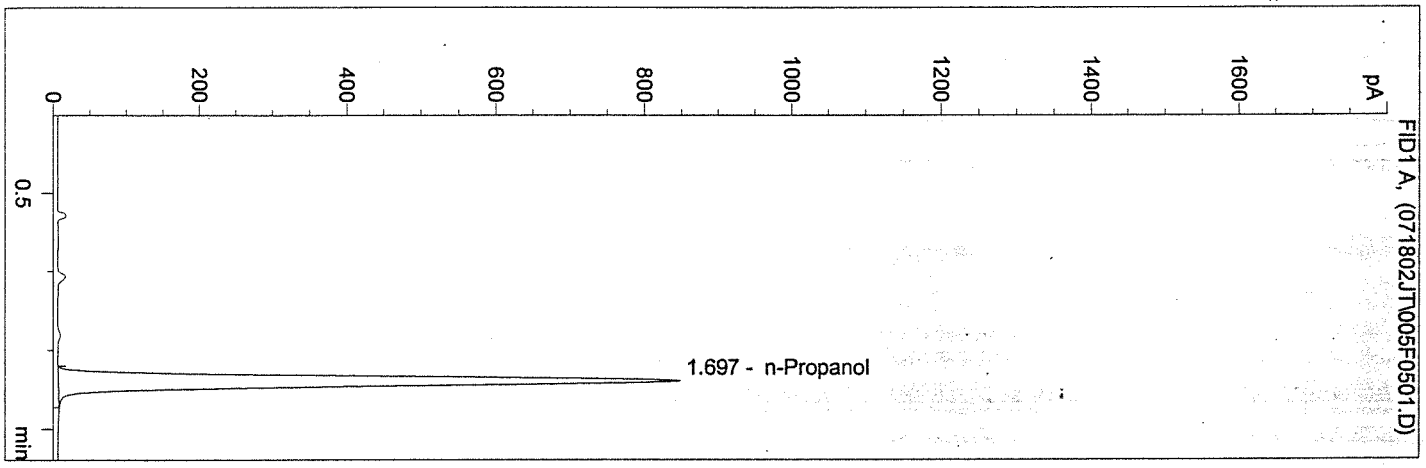
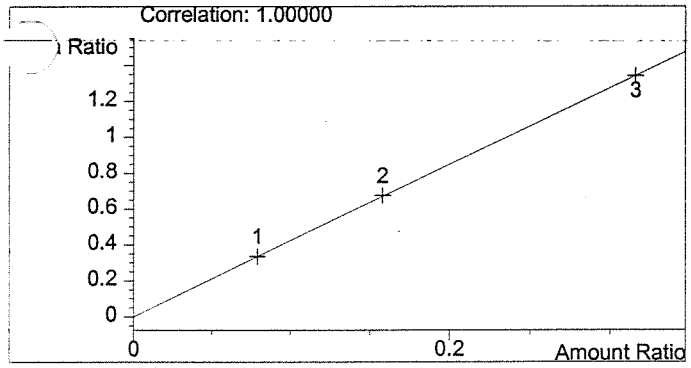
JAYNE THATCHER

vial # 5

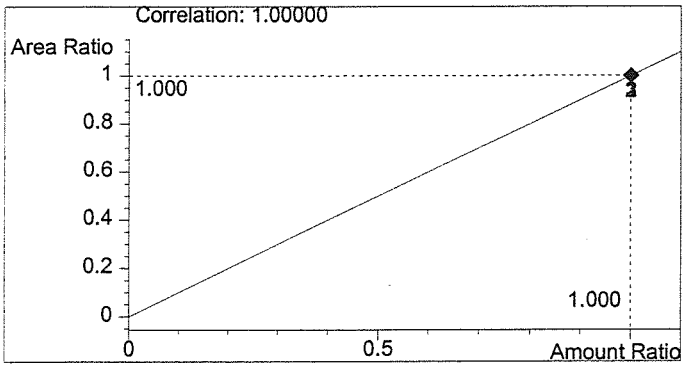


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3532	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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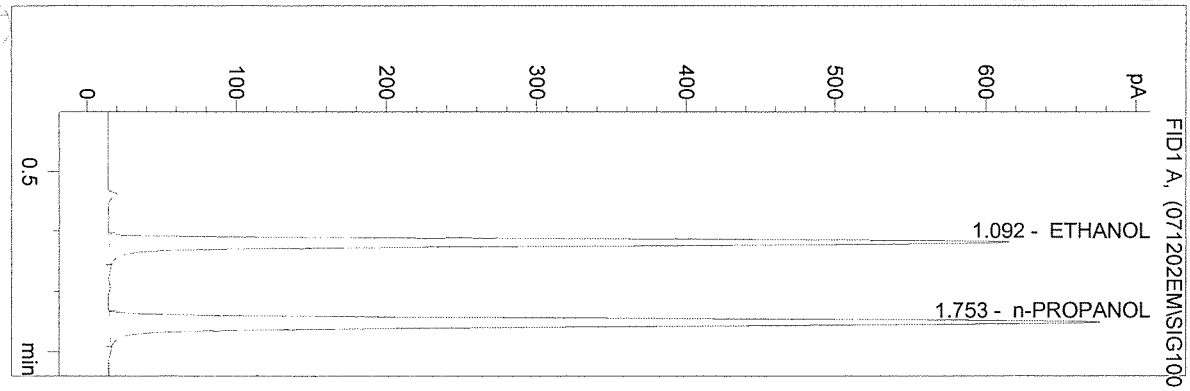
Instrument 3
DB-ALC1

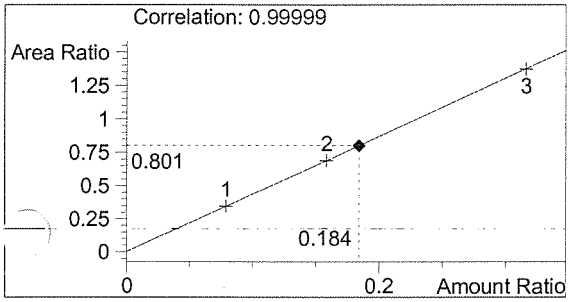
Q.A. Sol. 02026
Estuardo J. Miranda

vial # 17

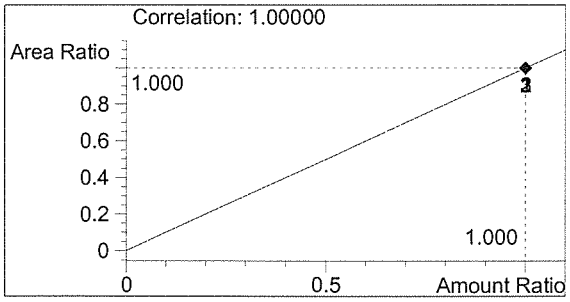


#	Compound	Area	RT
1	ETHANOL	2454	1.092
2	n-PROPANOL	3062	1.753

Totals:



ETHANOL 0.184 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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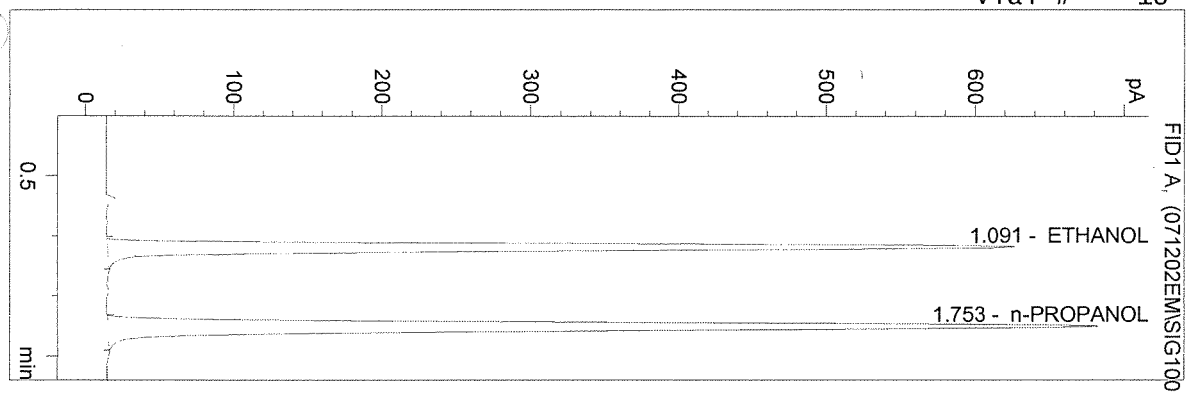
Instrument 3
DB-ALC1

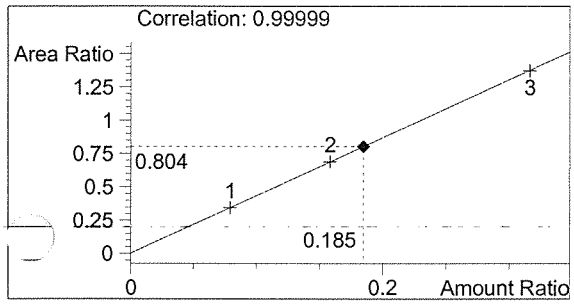
Q.A. Sol. 02026
Estuardo J. Miranda

vial # 18

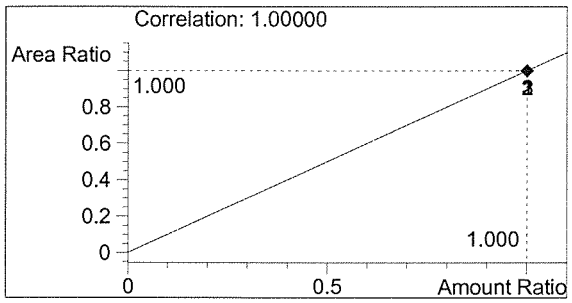


#	Compound	Area	RT
1	ETHANOL	2493	1.091
2	n-PROPANOL	3101	1.753

Totals:



ETHANOL 0.185 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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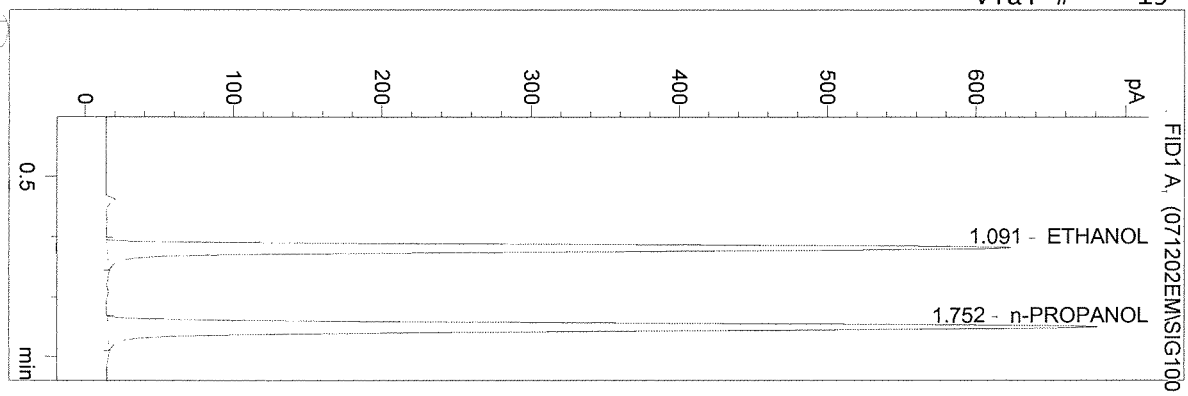
Instrument 3
DB-ALC1

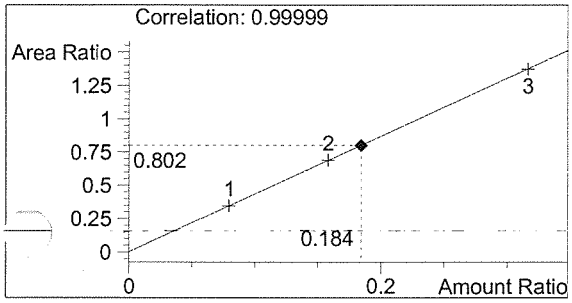
Q.A. Sol. 02026
Estuardo J. Miranda

vial # 19

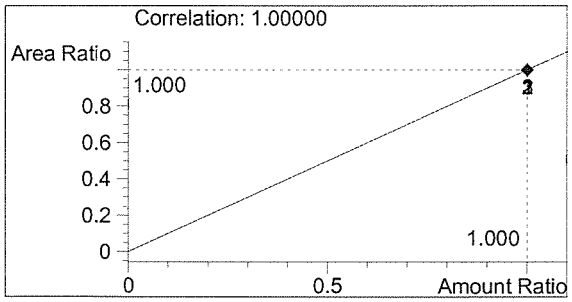


#	Compound	Area	RT
1	ETHANOL	2462	1.091
2	n-PROPANOL	3069	1.752

Totals:



ETHANOL 0.184 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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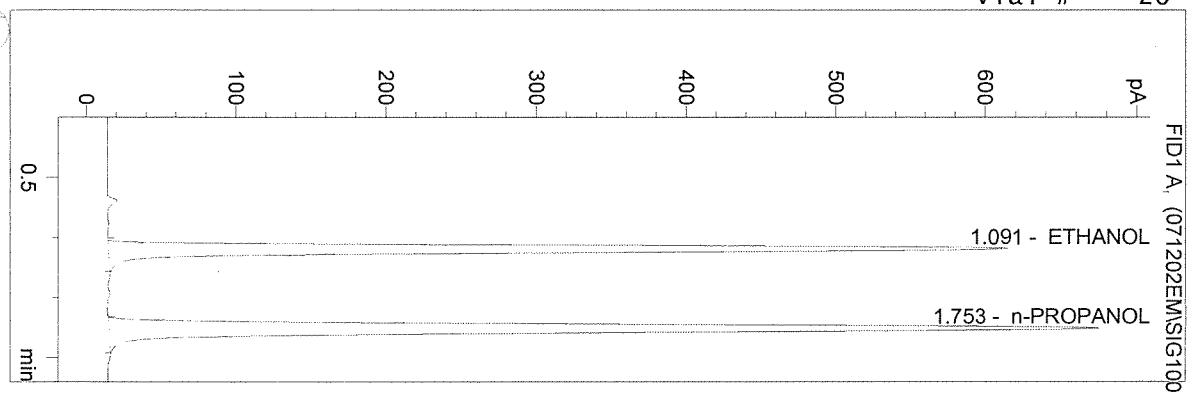
Instrument 3
DB-ALC1

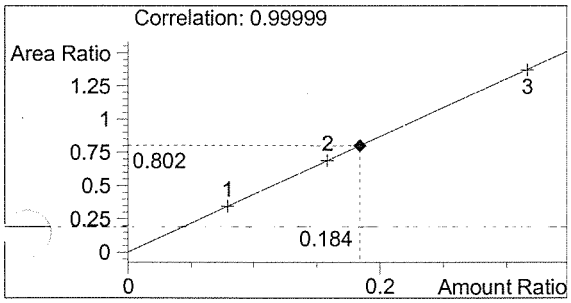
Q.A. Sol. 02026
Estuardo J. Miranda

vial # 20

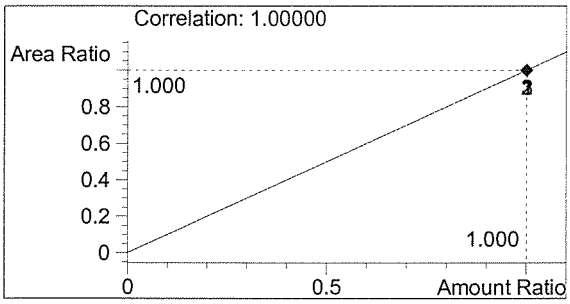


#	Compound	Area	RT
1	ETHANOL	2456	1.091
2	n-PROPANOL	3063	1.753

Totals:



ETHANOL 0.184 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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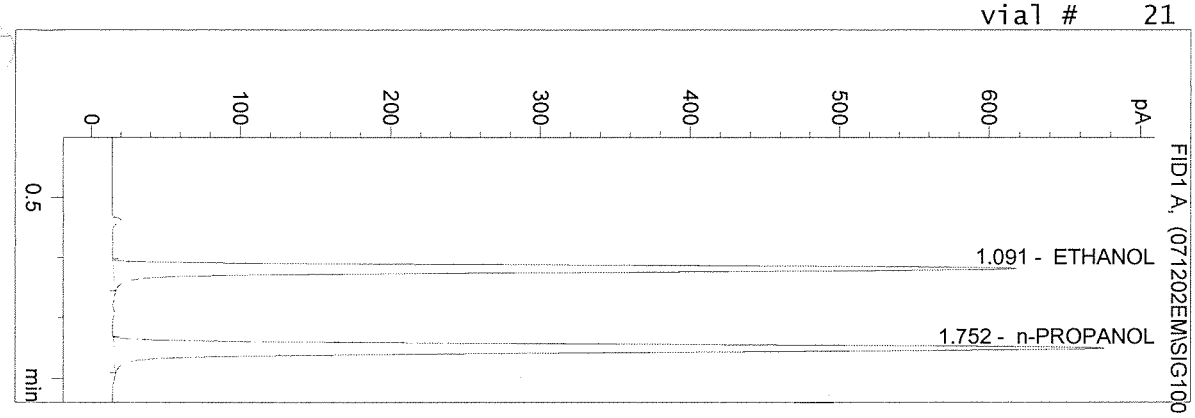
Instrument 3
DB-ALC1

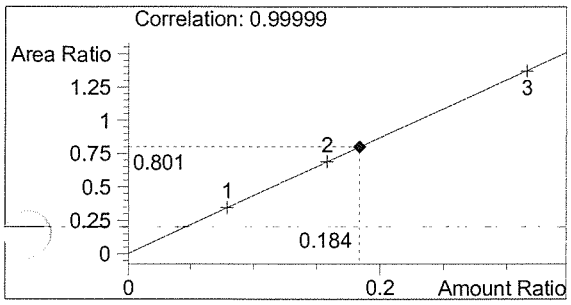
Q.A. Sol. 02026
Estuardo J. Miranda

vial # 21

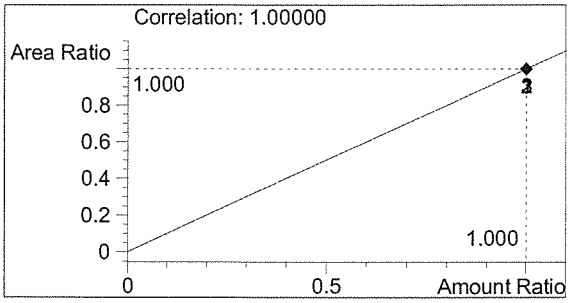


#	Compound	Area	RT
1	ETHANOL	2445	1.091
2	n-PROPANOL	3053	1.752

Totals:



ETHANOL 0.184 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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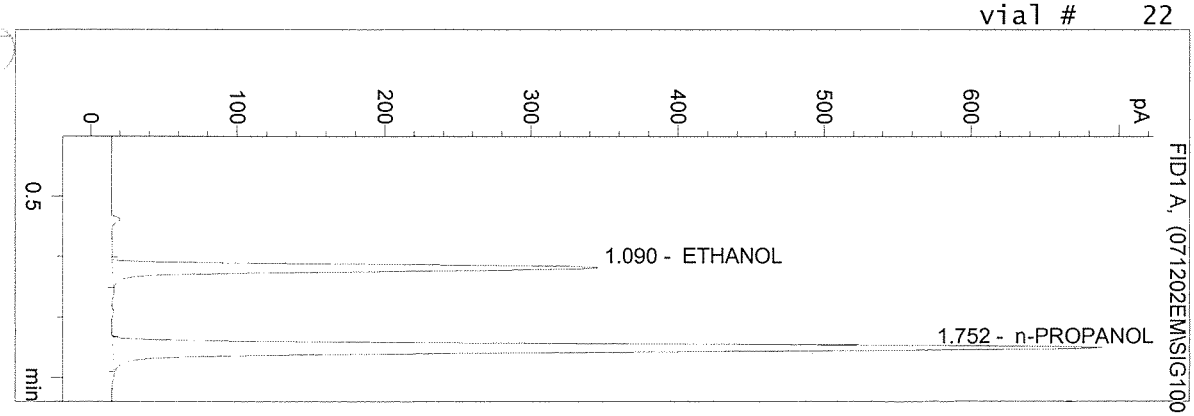
Instrument 3
DB-ALC1

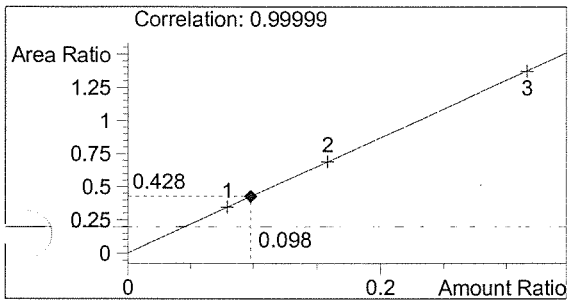
0.100 Control
Estuardo J. Miranda

vial # 22

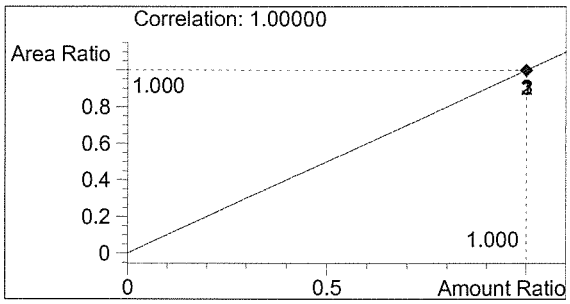


#	Compound	Area	RT
1	ETHANOL	1328	1.090
2	n-PROPANOL	3105	1.752

Totals:



ETHANOL 0.098 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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7/12/02 3:29:17 PM
Instrument 3
DB-ALC1

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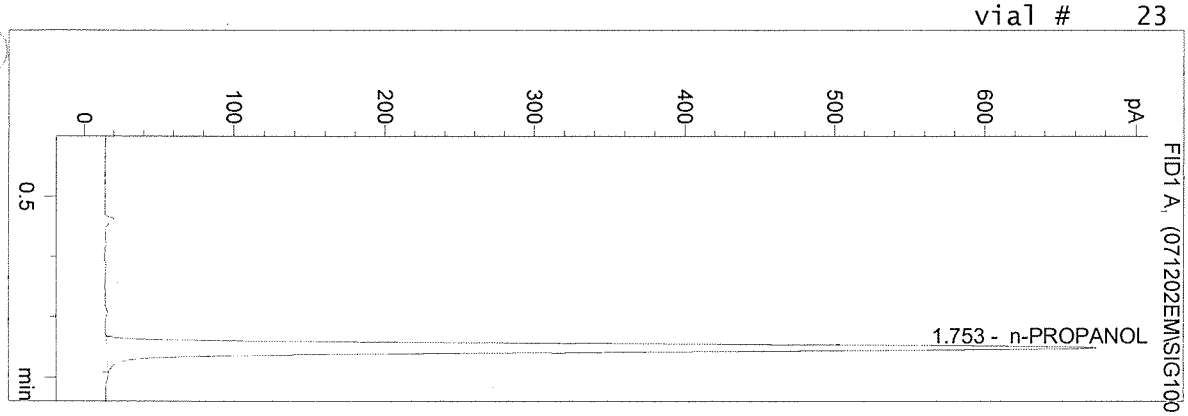
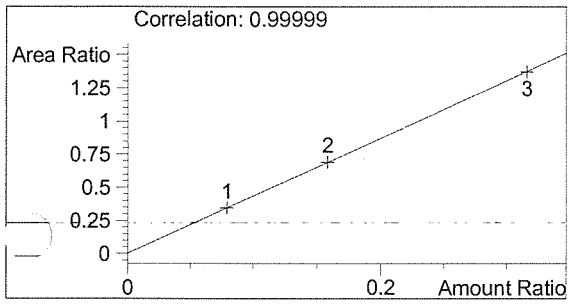
Estuardo J. Miranda

vial # 23

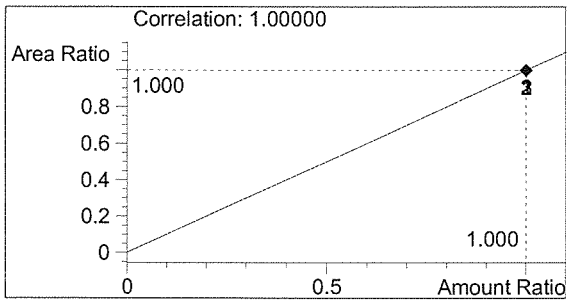


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3055	1.753

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

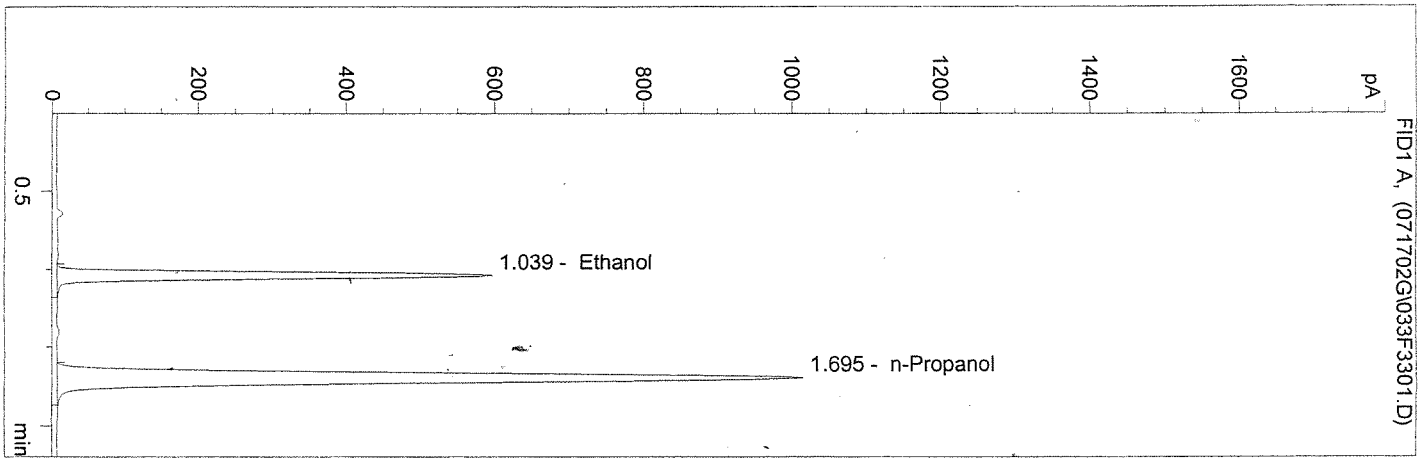
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/17/02 4:46:21 PM
Instrument 1
DB-ALC1

QA 02026
Cal 024151

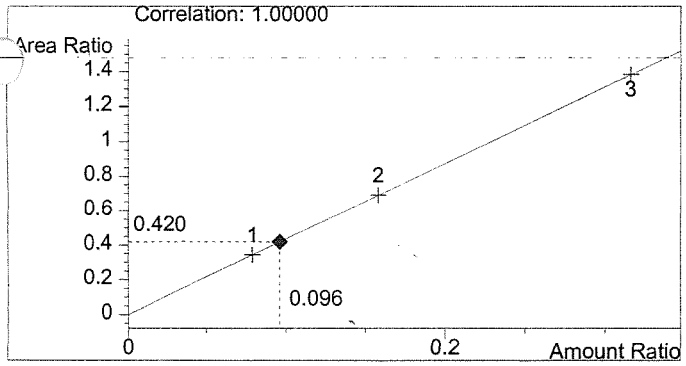
CAP 0.100
Gene Schwilke

vial # 33

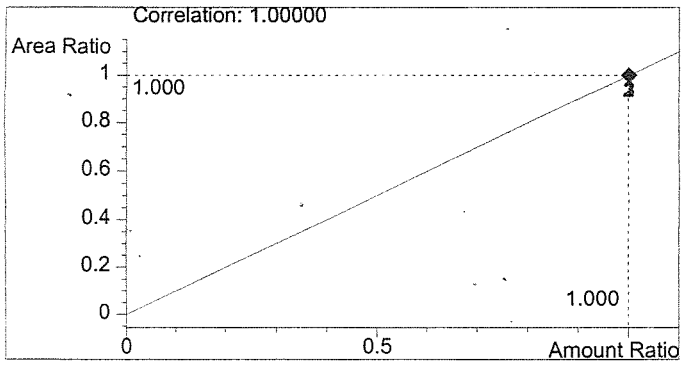


#	Compound	Area	RT
1	Ethanol	1778	1.039
2	n-Propanol	4228	1.695

Totals:



Ethanol 0.096 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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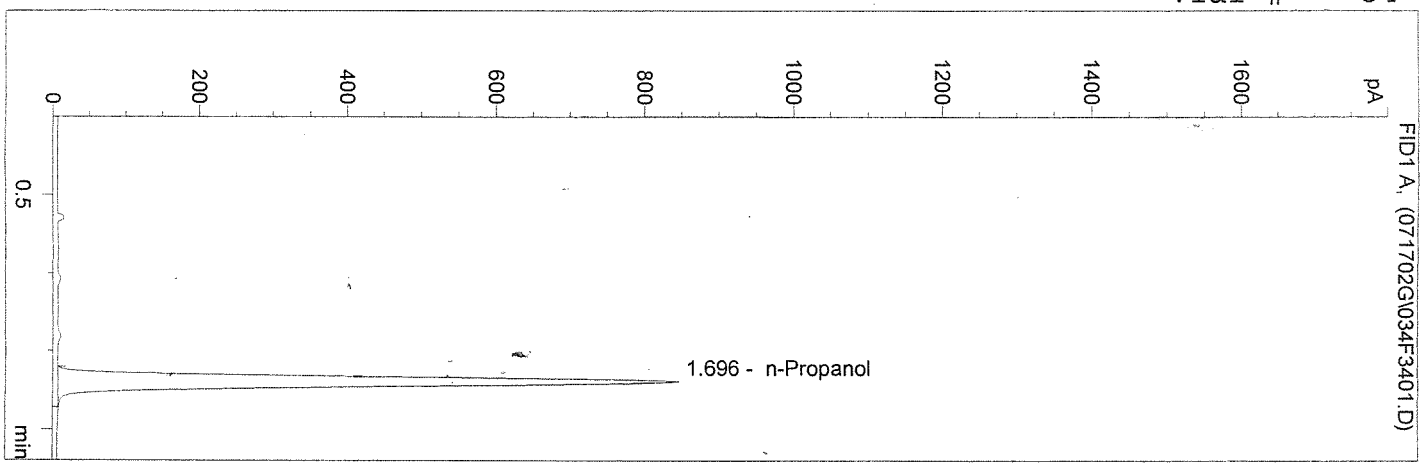
7/17/02 4:49:23 PM
Instrument 1
DB-ALC1

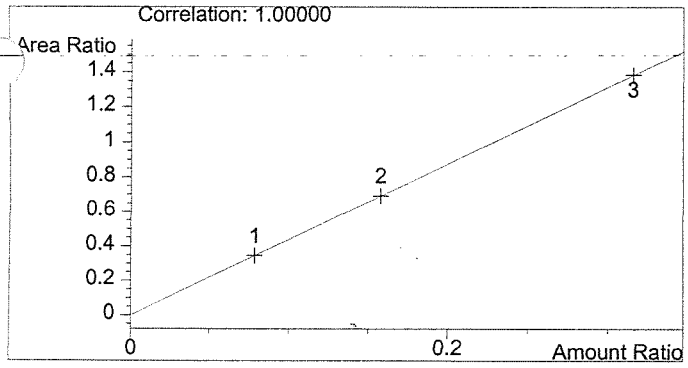
BLANK
Gene Schwilke

vial # 34

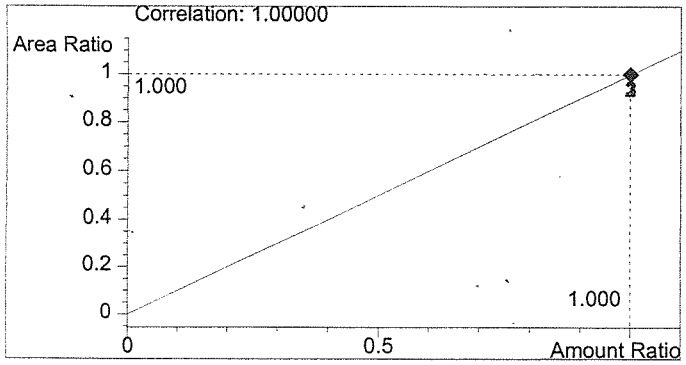


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3515	1.696

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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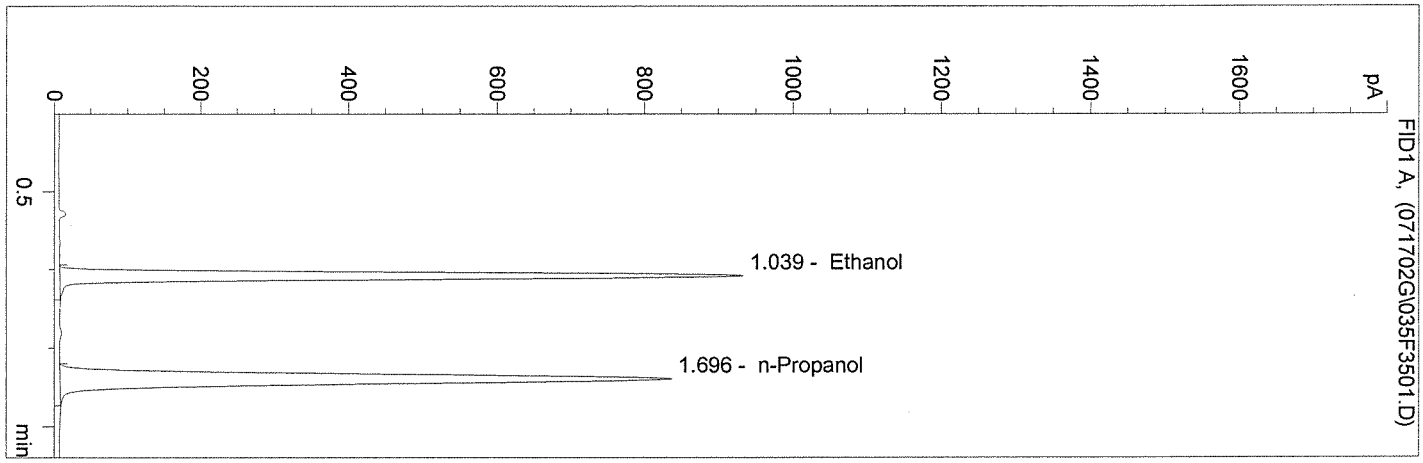
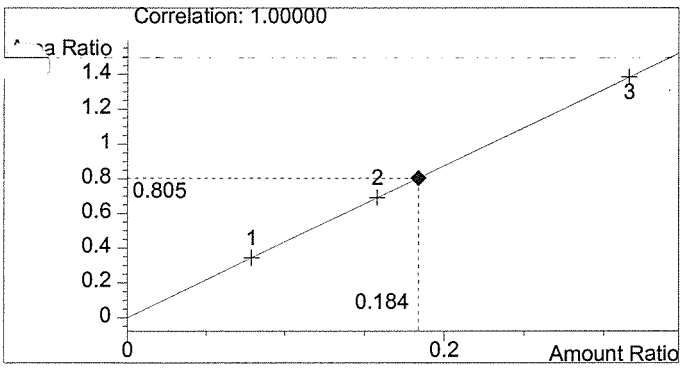
Instrument 1
DB-ALC1

0.15 QASOL 02026
Gene Schwilke

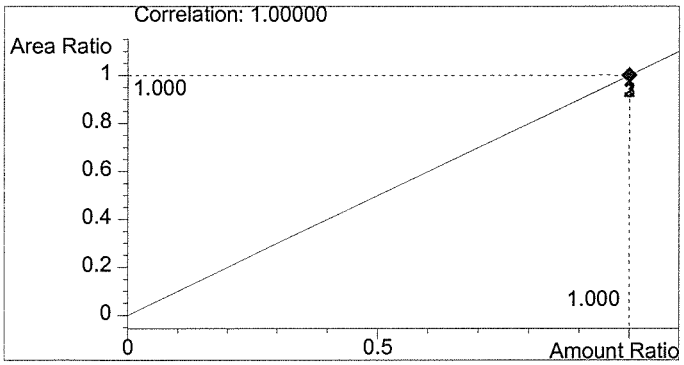
vial # 35



#	Compound	Area	RT
1	Ethanol	2796	1.039
2	n-Propanol	3474	1.696
Totals:			



Ethanol 0.184 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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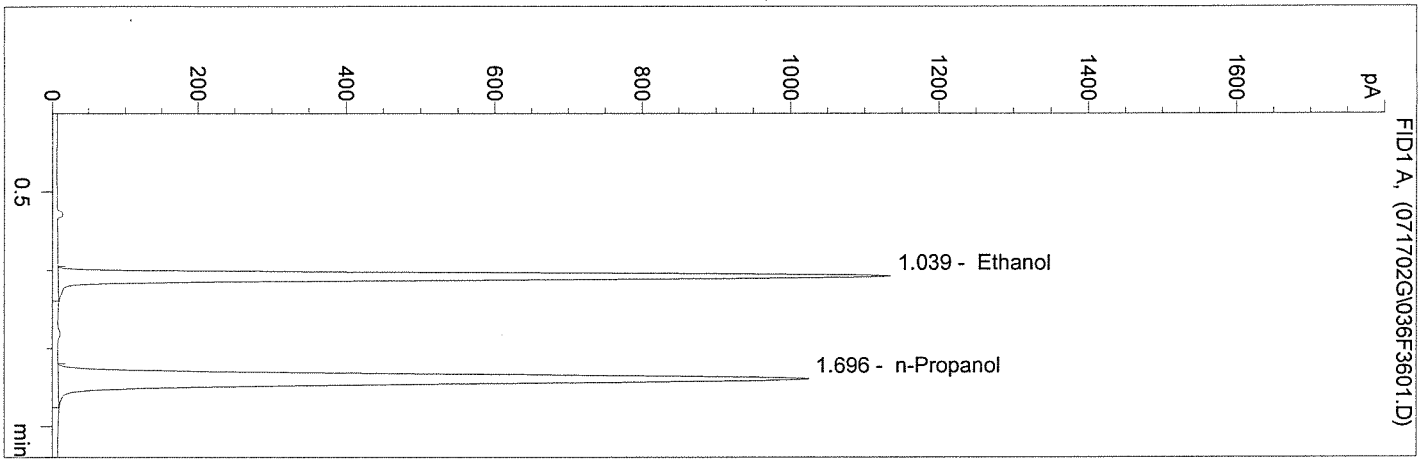
Instrument 1
DB-ALC1

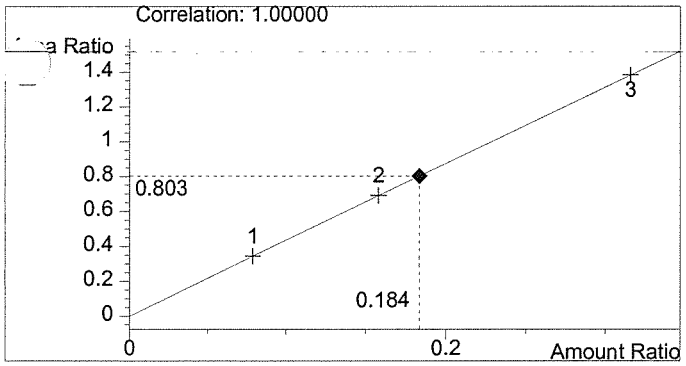
0.15 QASOL 02026
Gene Schwilke

vial # 36

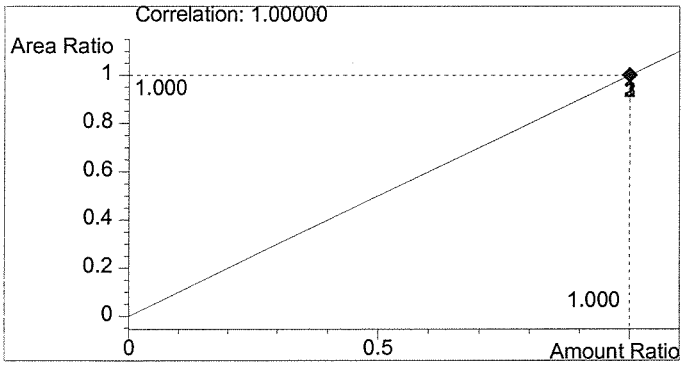


#	Compound	Area	RT
1	Ethanol	3449	1.039
2	n-Propanol	4293	1.696

Totals:



Ethanol 0.184 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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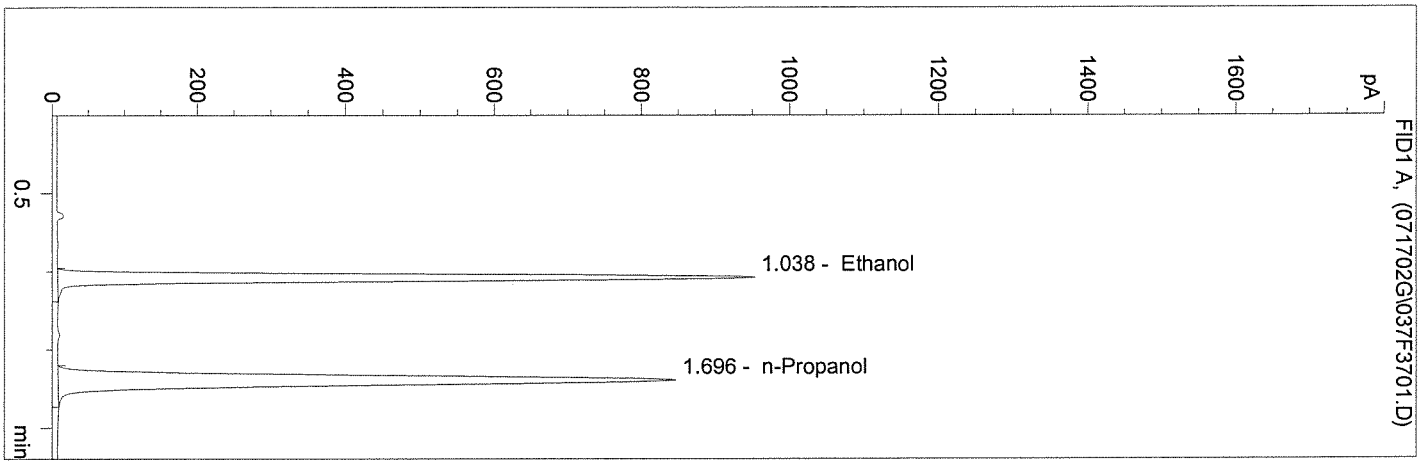
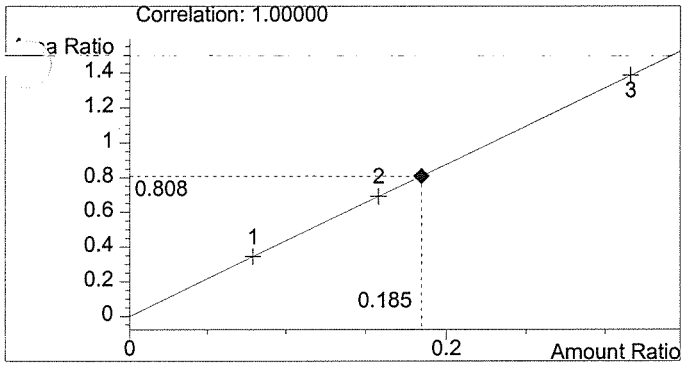
Instrument 1
DB-ALC1

0.15 QASOL 02026
Gene Schwilke

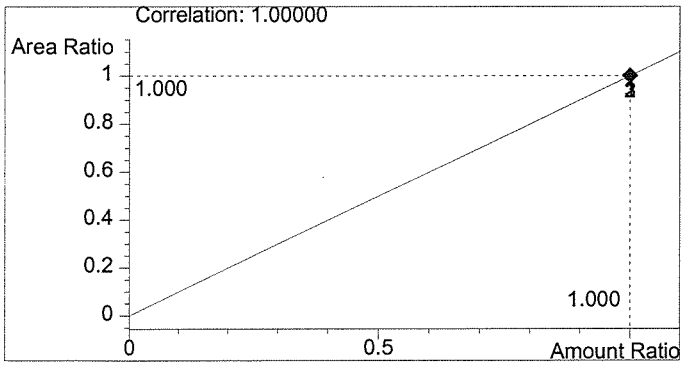
vial # 37



#	Compound	Area	RT
1	Ethanol	2846	1.038
2	n-Propanol	3523	1.696
Totals:			



Ethanol 0.185 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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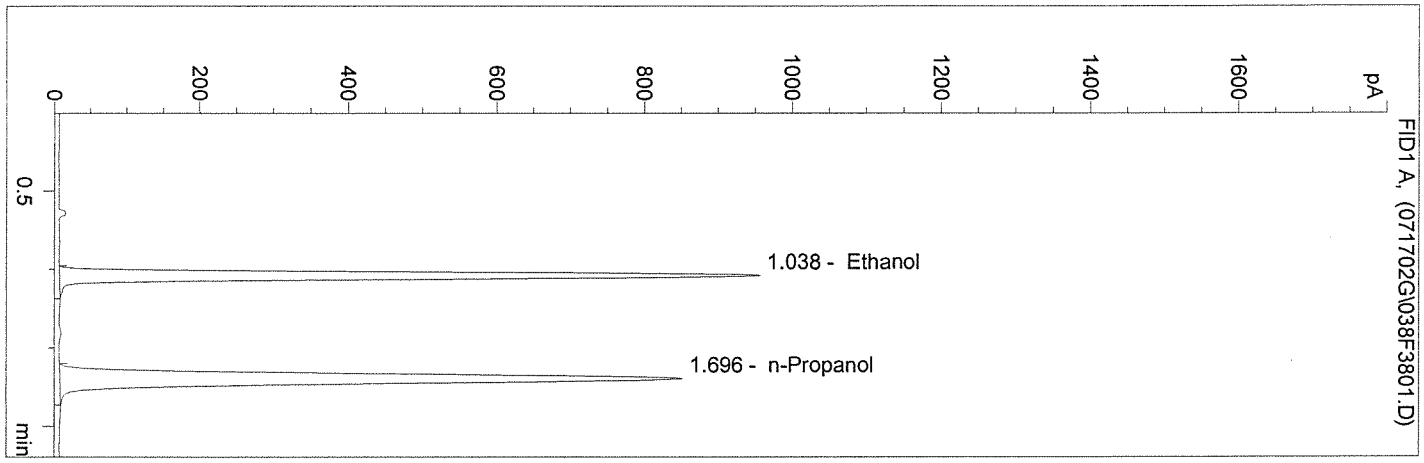
Instrument 1
DB-ALC1

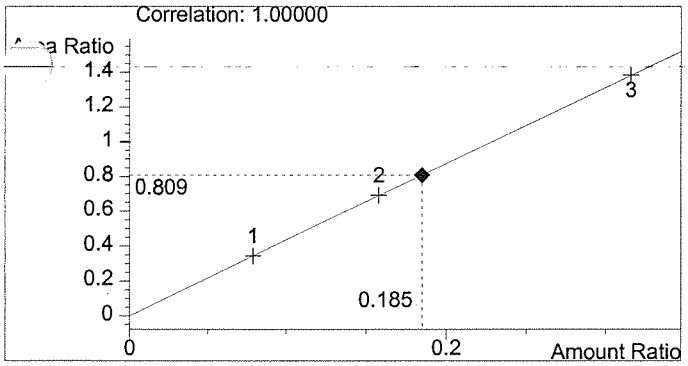
0.15 QASOL 02026
Gene Schwilke

vial # 38

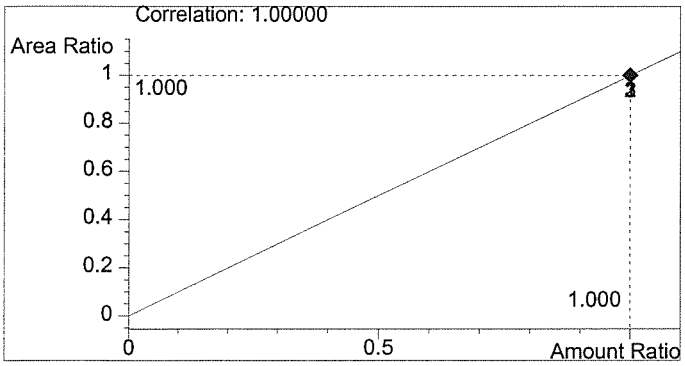


#	Compound	Area	RT
1	Ethanol	2864	1.038
2	n-Propanol	3540	1.696

Totals:



Ethanol 0.185 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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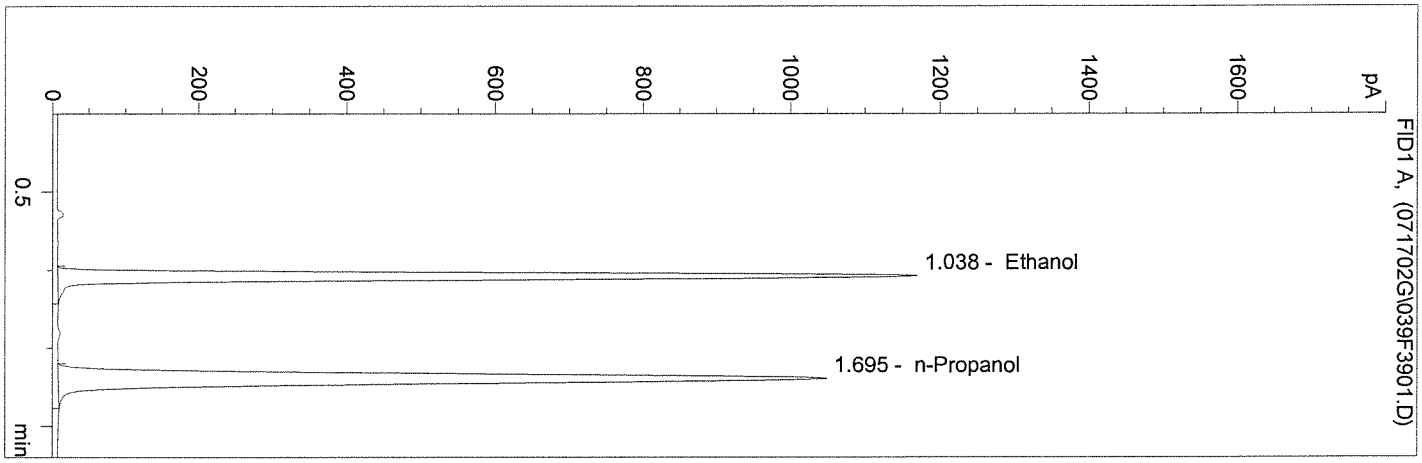
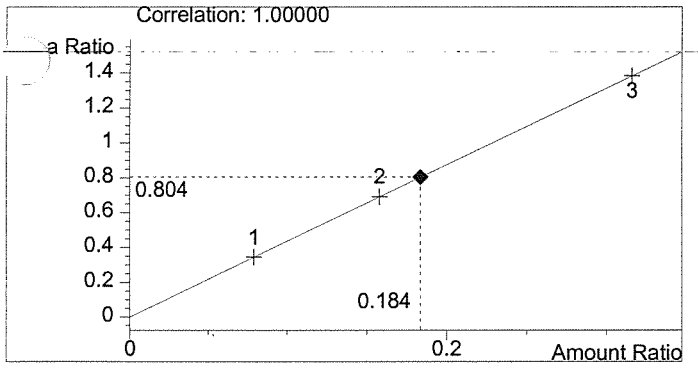
Instrument 1
DB-ALC1

0.15 QASOL 02026
Gene Schwilke

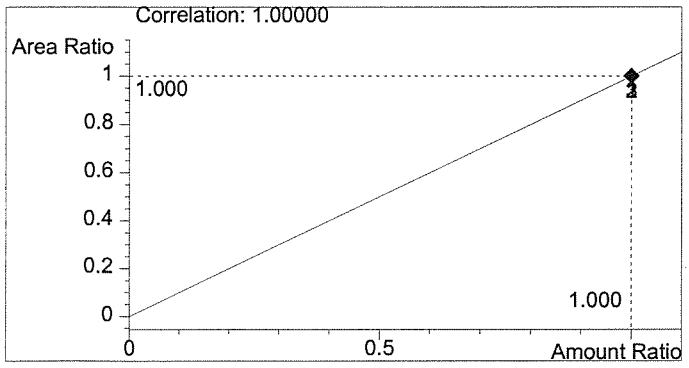
vial # 39



#	Compound	Area	RT
1	Ethanol	3549	1.038
2	n-Propanol	4414	1.695
Totals:			



Ethanol 0.184 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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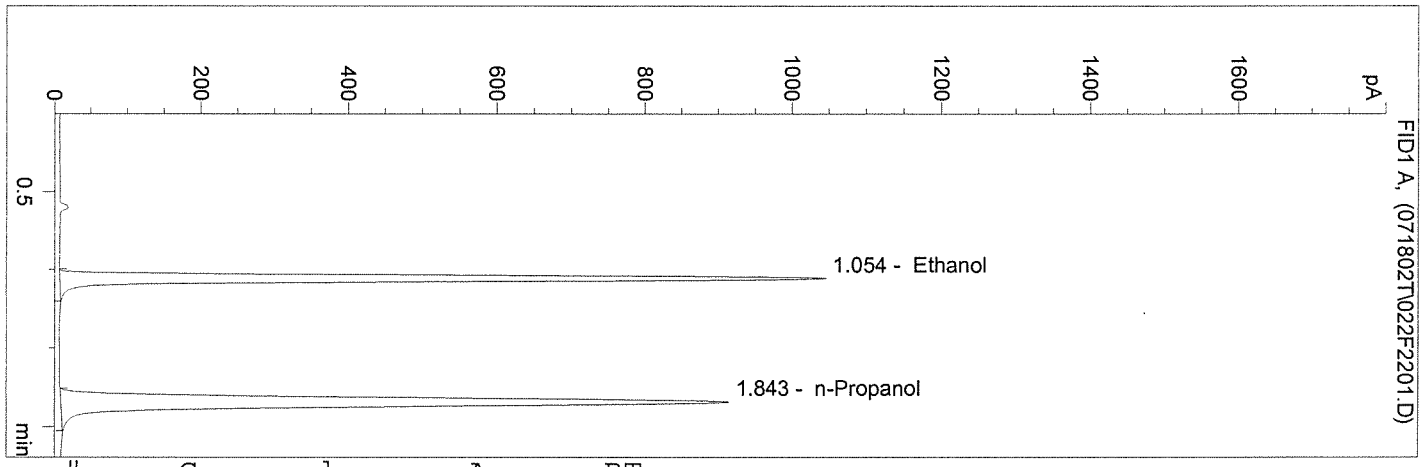
Instrument 2
-ALC1

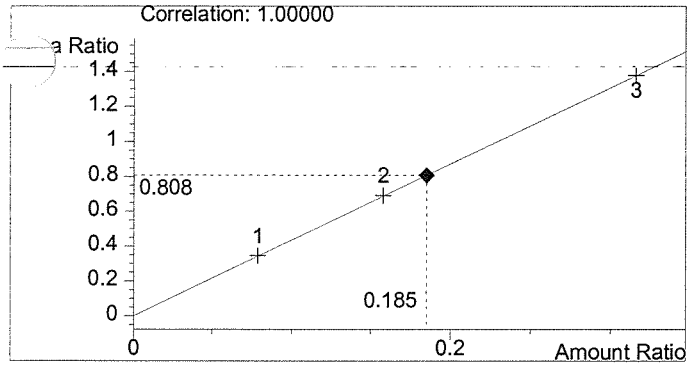
QA 02026-1
JAYNE THATCHER

vial # 22

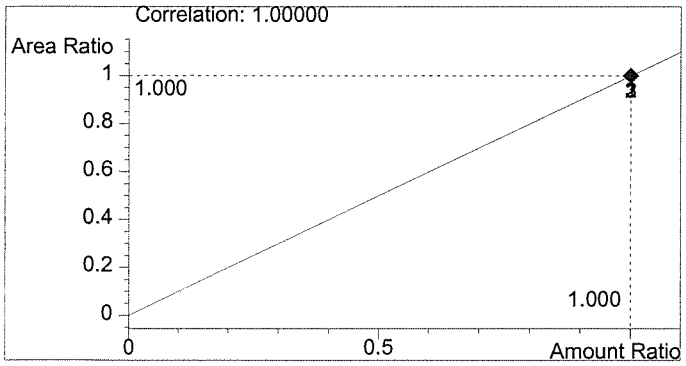


#	Compound	Area	RT
1	Ethanol	2825	1.054
2	n-Propanol	3497	1.843

Totals:



Ethanol 0.185 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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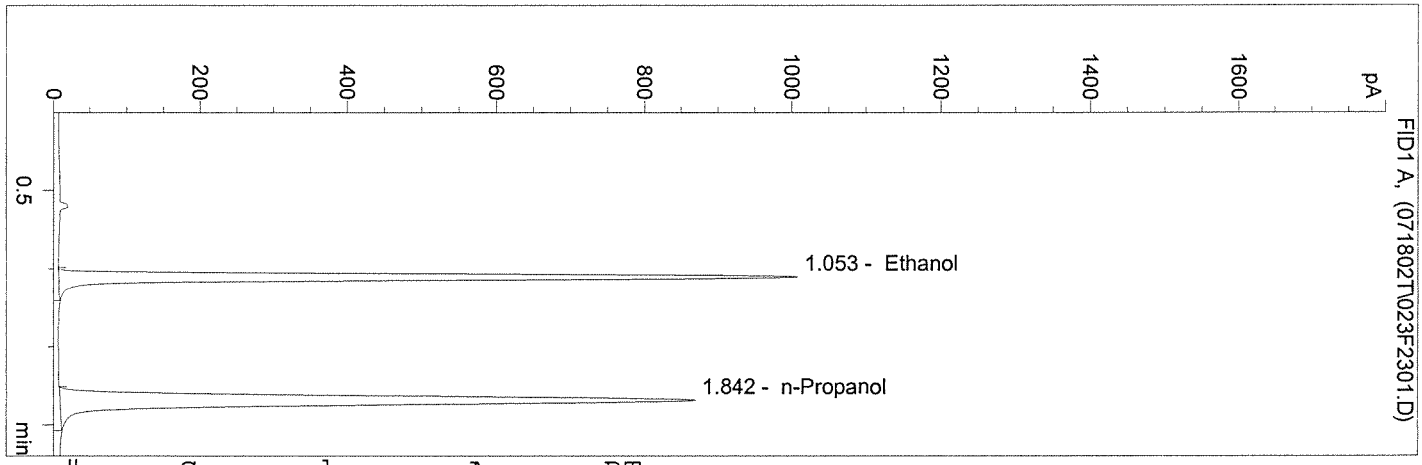
Instrument 2
-ALC1

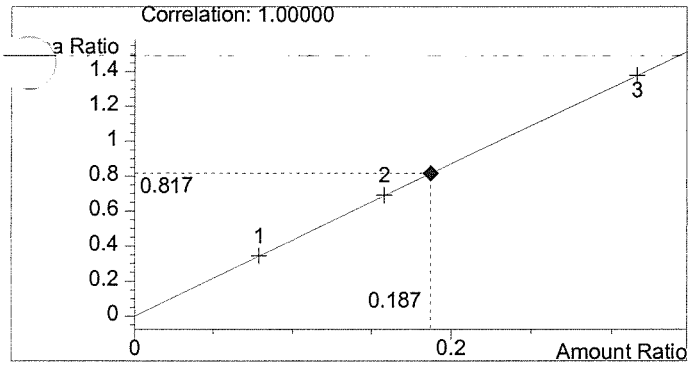
QA 02026-2
JAYNE THATCHER

vial # 23

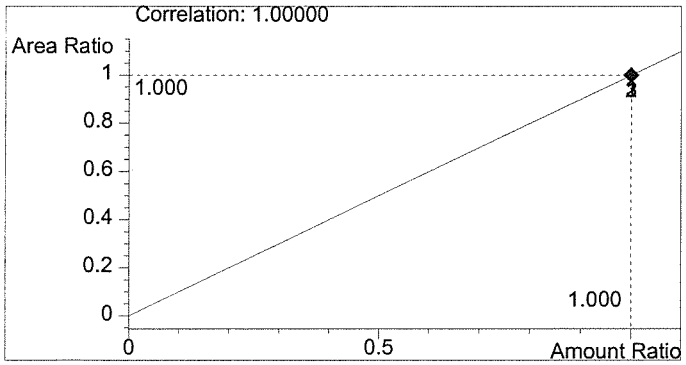


#	Compound	Area	RT
1	Ethanol	2729	1.053
2	n-Propanol	3340	1.842

Totals:



Ethanol 0.187 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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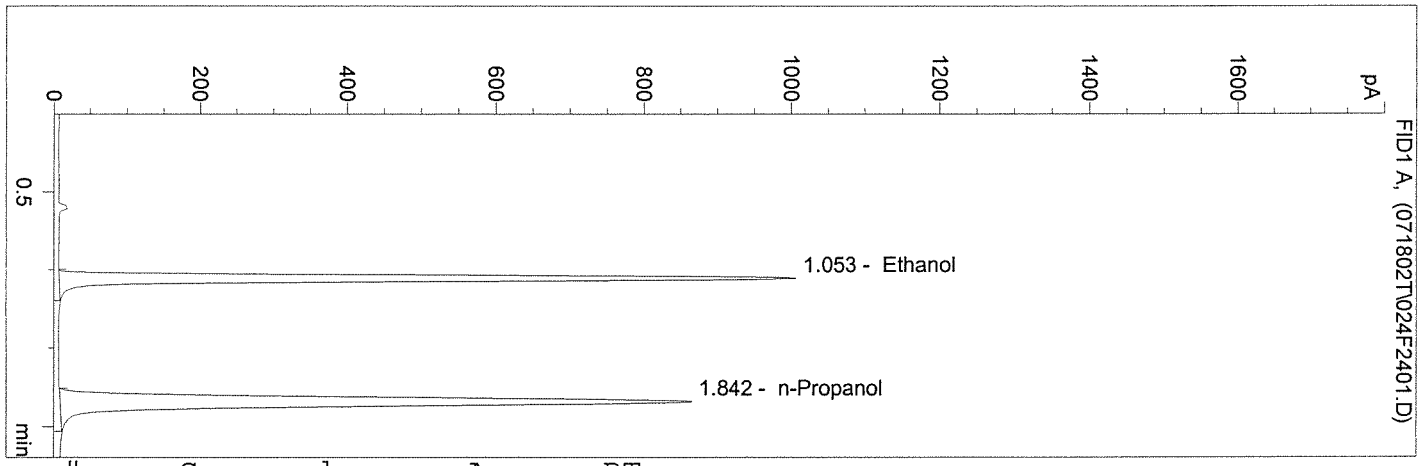
Instrument 2
-ALC1

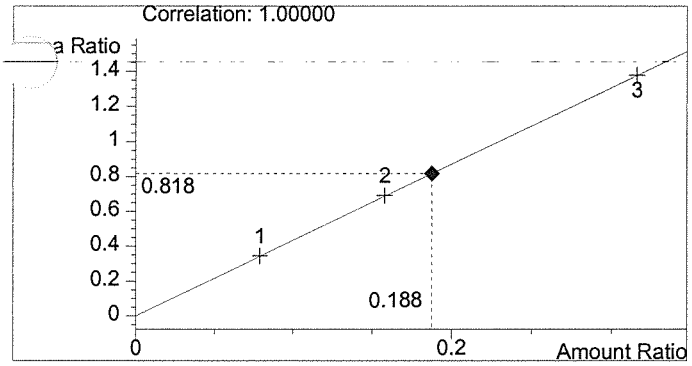
QA 02026-3
JAYNE THATCHER

vial # 24

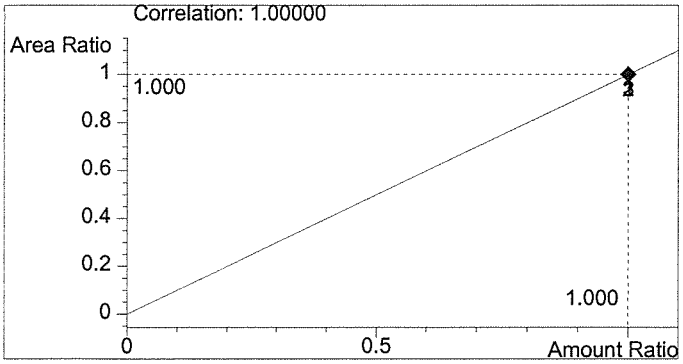


#	Compound	Area	RT
1	Ethanol	2720	1.053
2	n-Propanol	3324	1.842

Totals:



Ethanol 0.188 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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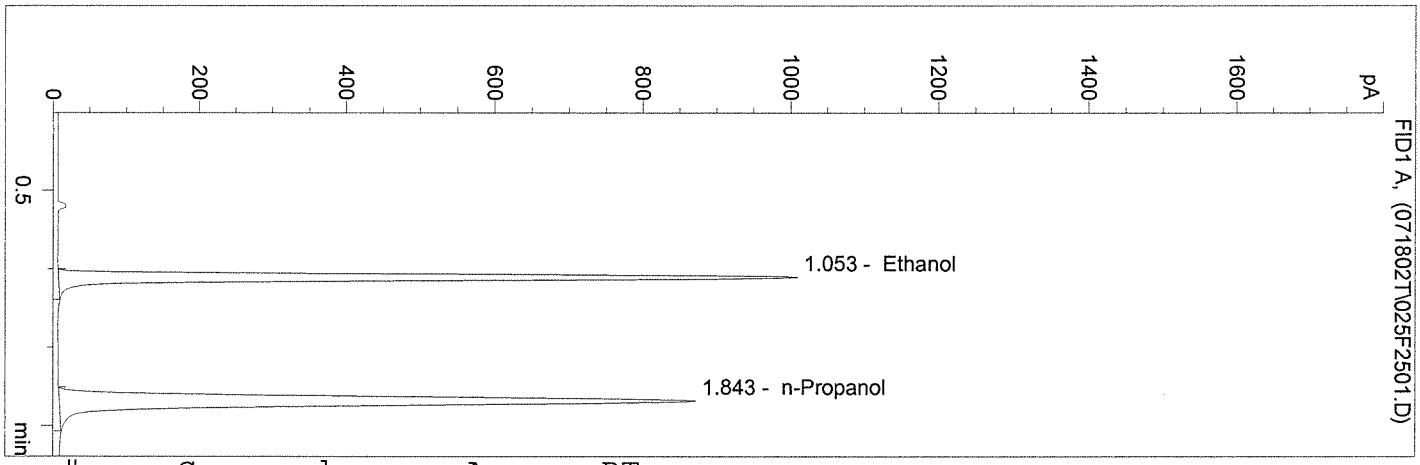
Instrument 2
-ALC1

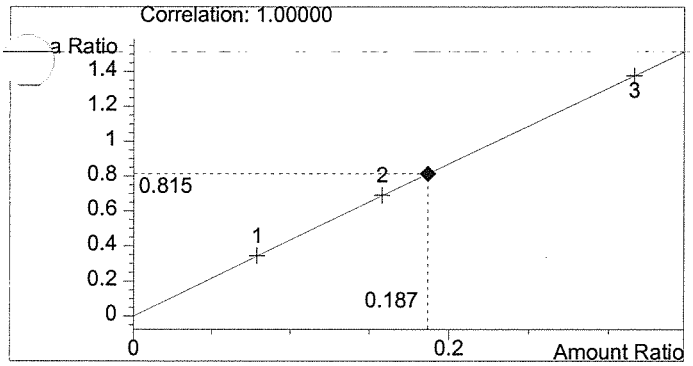
QA 02026-4
JAYNE THATCHER

vial # 25

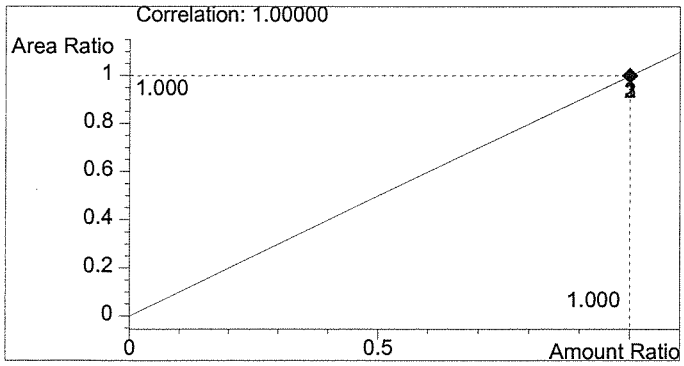


#	Compound	Area	RT
1	Ethanol	2727	1.053
2	n-Propanol	3345	1.843

Totals:



Ethanol 0.187 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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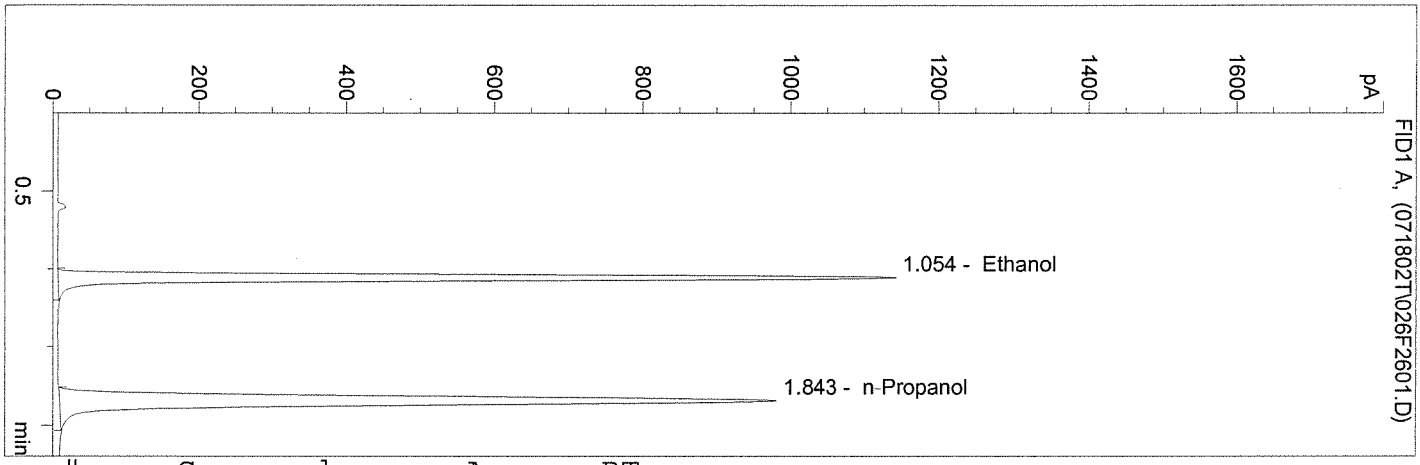
Instrument 2
-ALC1

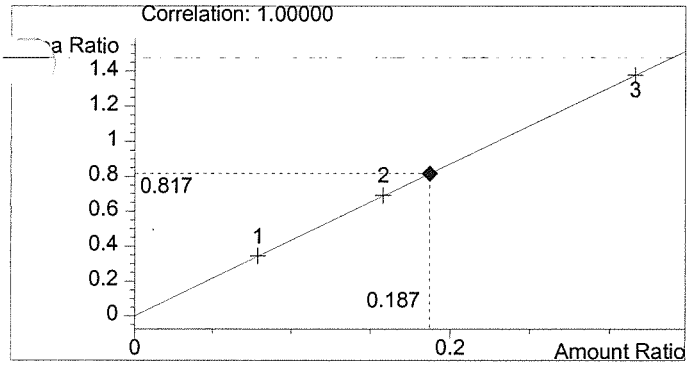
QA 02026-5
JAYNE THATCHER

vial # 26

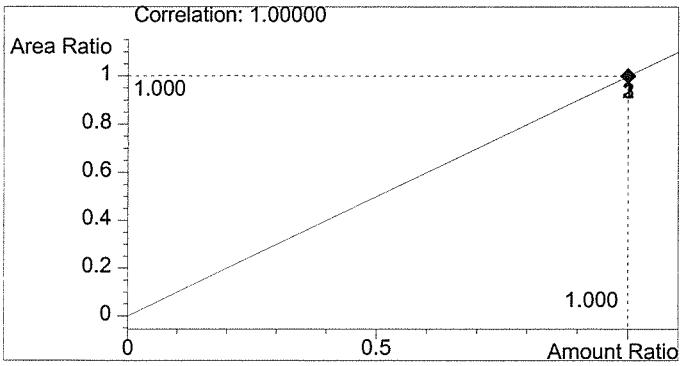


#	Compound	Area	RT
1	Ethanol	3071	1.054
2	n-Propanol	3761	1.843

Totals:



Ethanol 0.187 g/100ml



n-Propanol 1.000 g/100ml

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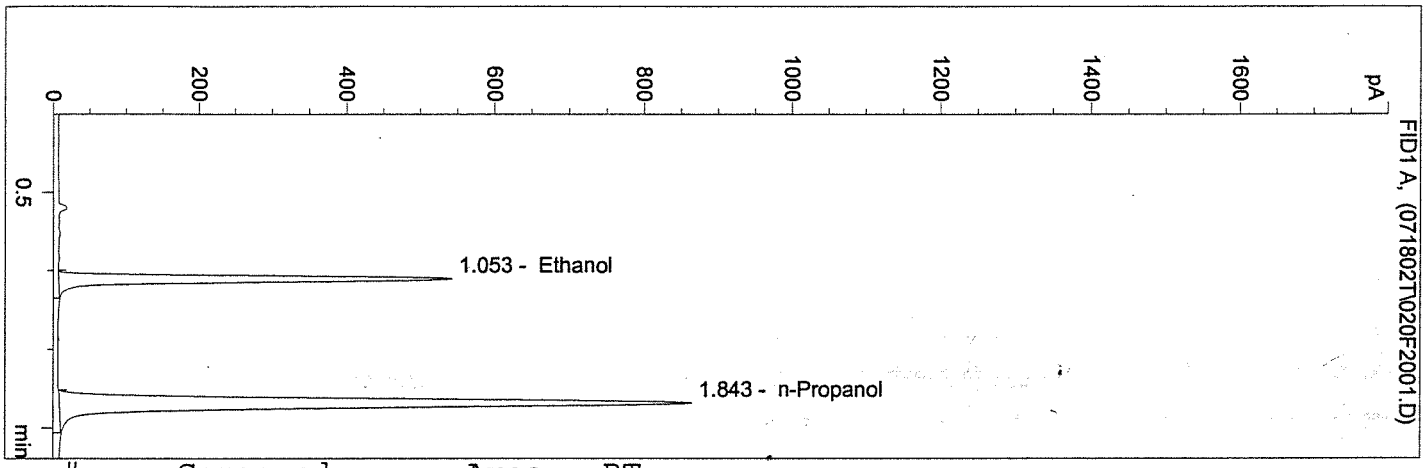
Instrument 2
-ALC1

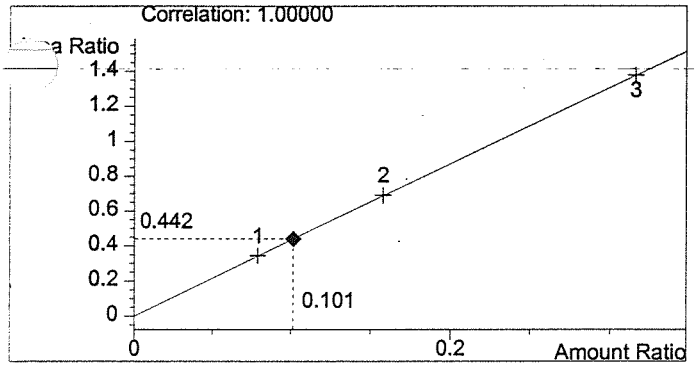
0.10 CONTROL
JAYNE THATCHER

vial # 20

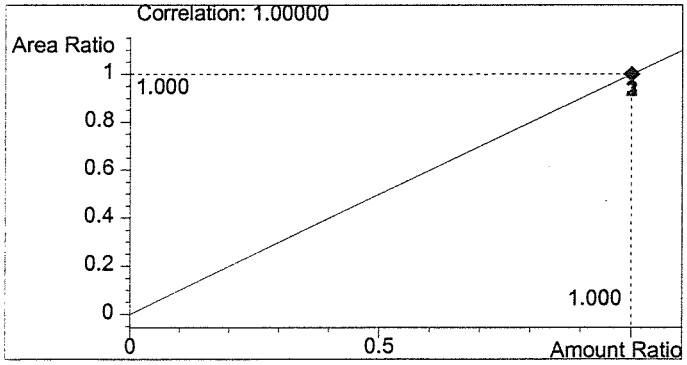


#	Compound	Area	RT
1	Ethanol	1472	1.053
2	n-Propanol	3331	1.843

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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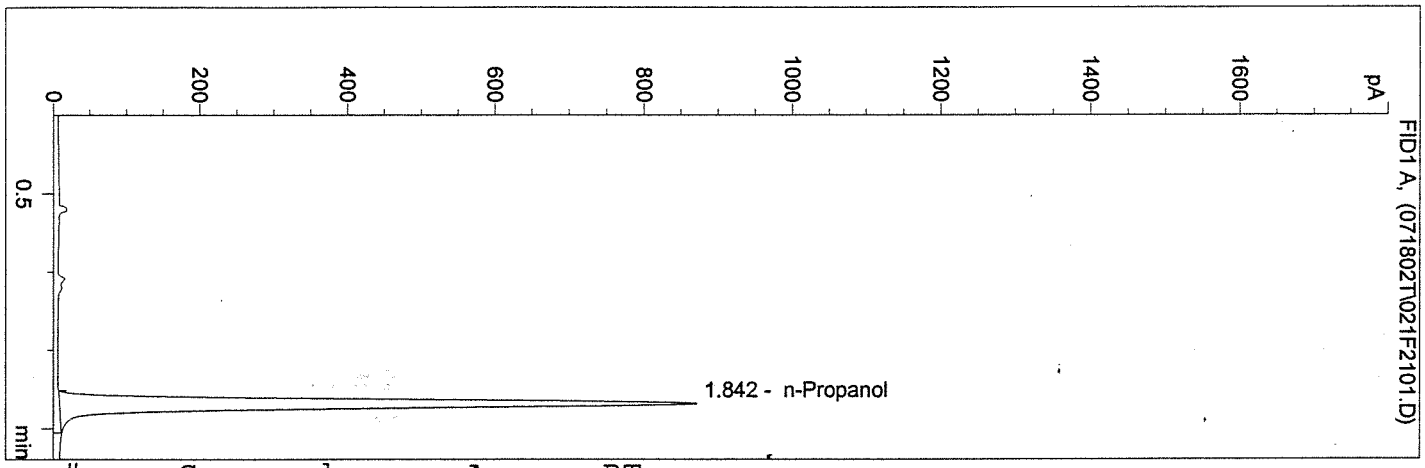
7/18/02 5:18:12 PM
Instrument 2
-ALC1

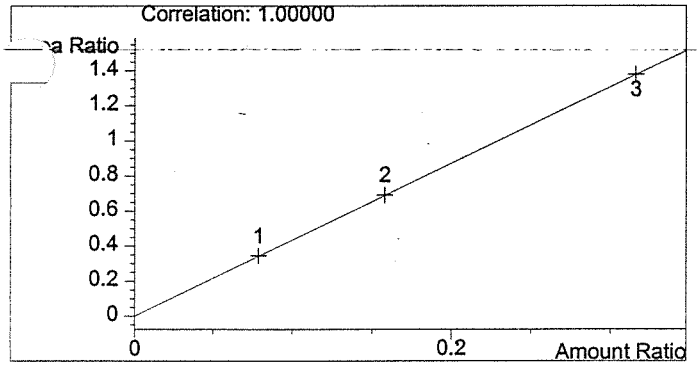
BLANK
JAYNE THATCHER

vial # 21

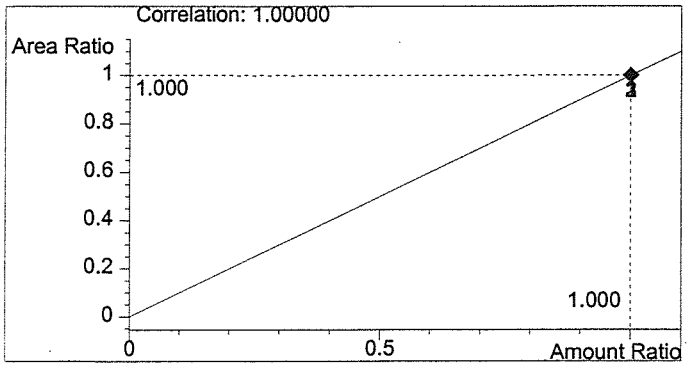


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3344	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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7/18/02 9:00:07 AM
Instrument 2
-ALC1

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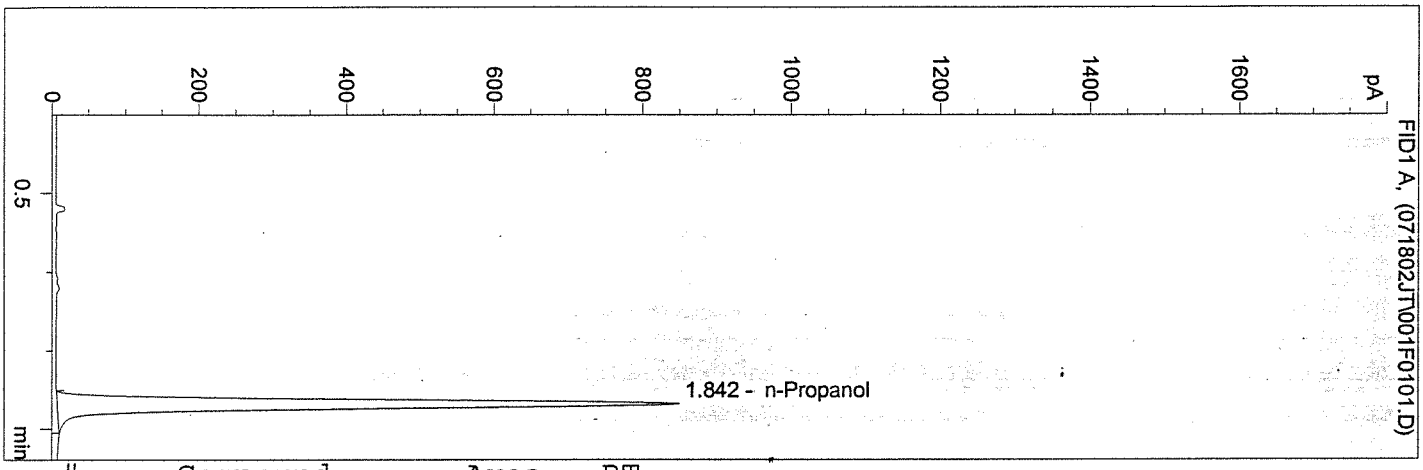
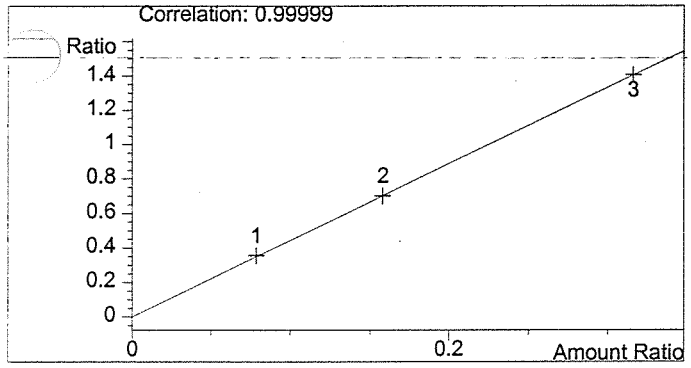
JAYNE THATCHER

vial # 1

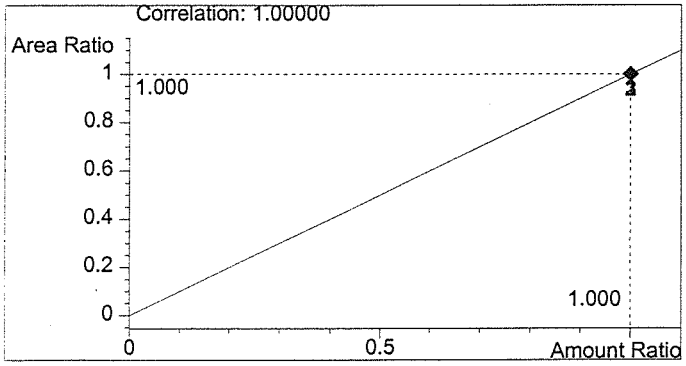


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3256	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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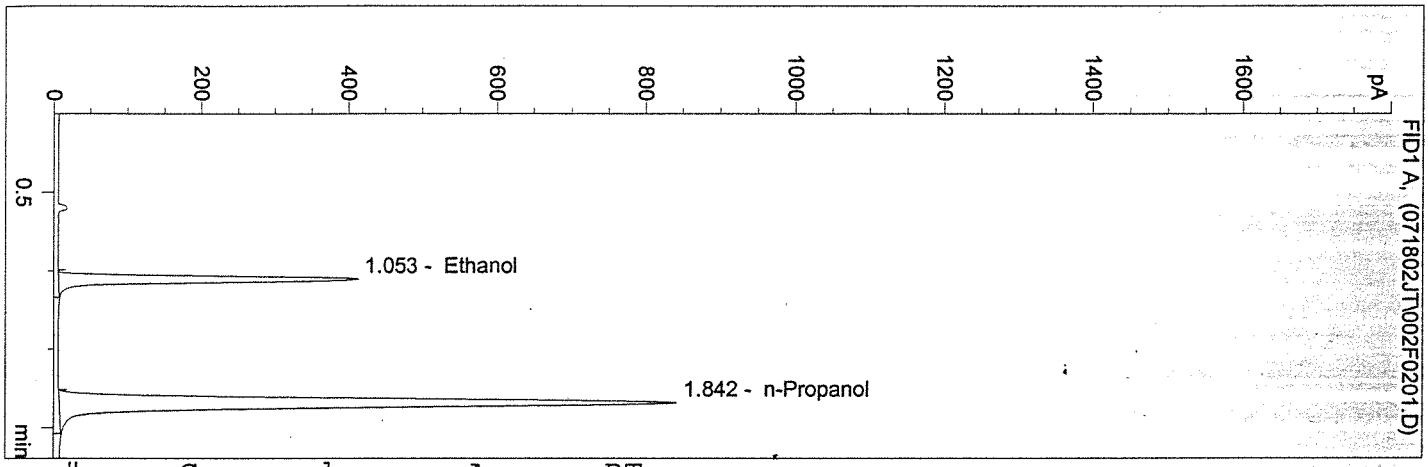
7/18/02 9:03:08 AM
Instrument 2
-ALC1

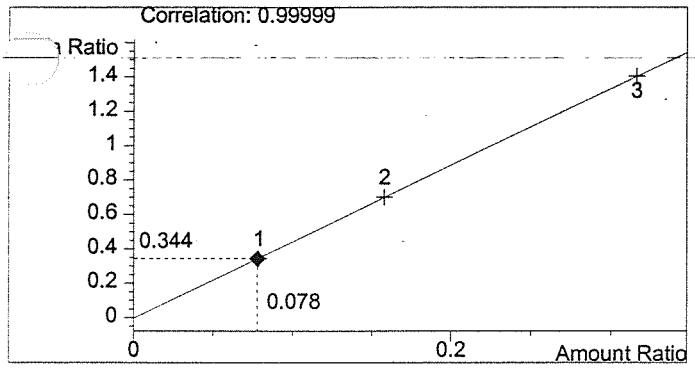
0.079 CAL
JAYNE THATCHER

vial # 2

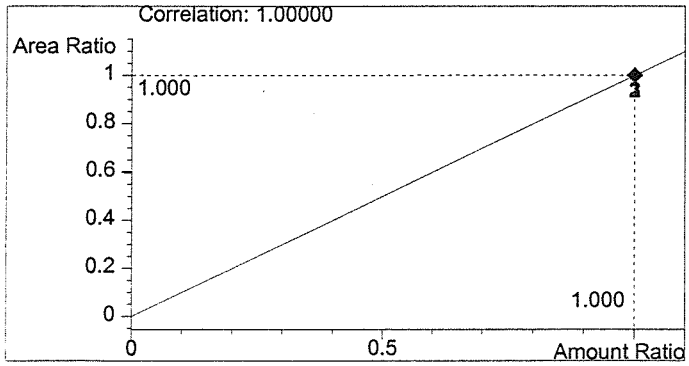


#	Compound	Area	RT
1	Ethanol	1116	1.053
2	n-Propanol	3242	1.842

Totals:



Ethanol 0.078 g/100ml



n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
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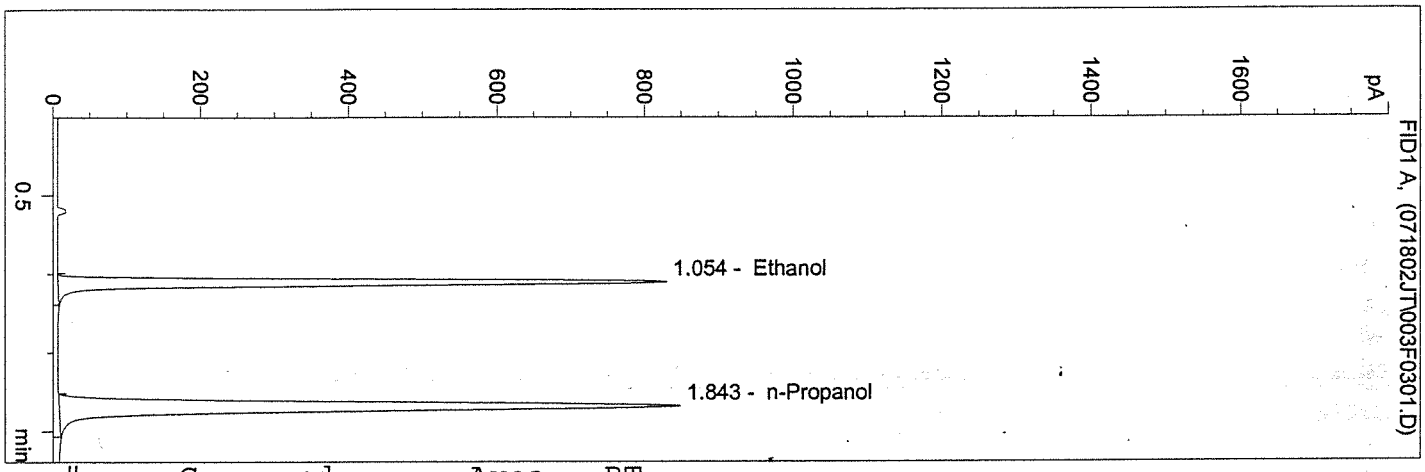
Instrument 2
-ALC1

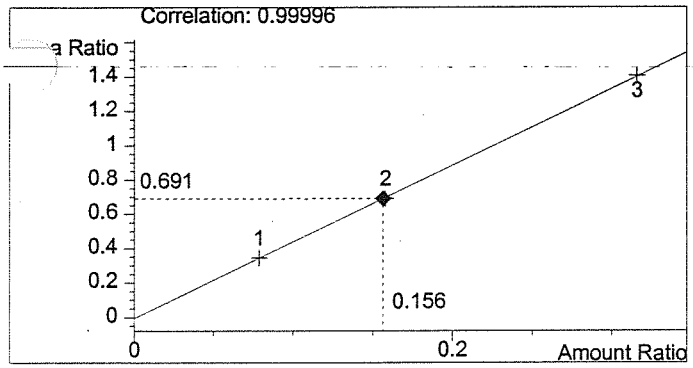
0.158 CAL
JAYNE THATCHER

vial # 3

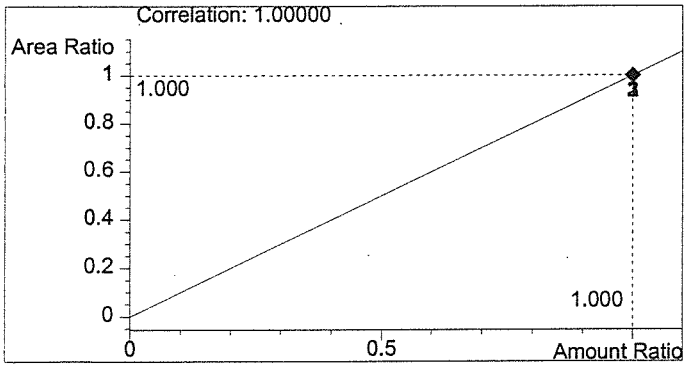


#	Compound	Area	RT
1	Ethanol	2253	1.054
2	n-Propanol	3260	1.843

Totals:



Ethanol 0.156 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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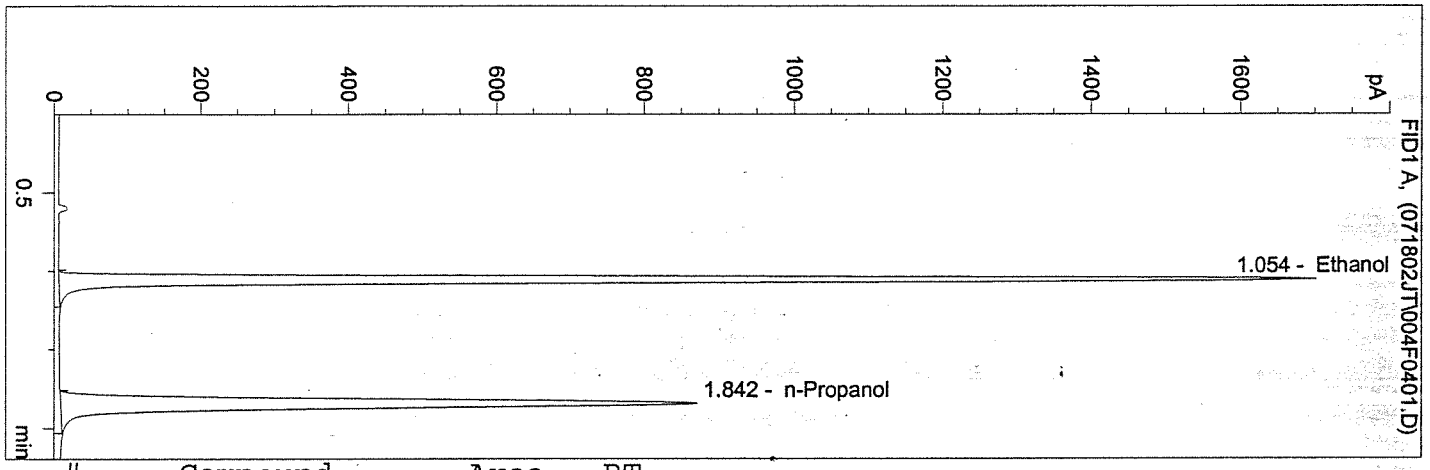
7/18/02 9:09:12 AM
Instrument 2
-ALC1

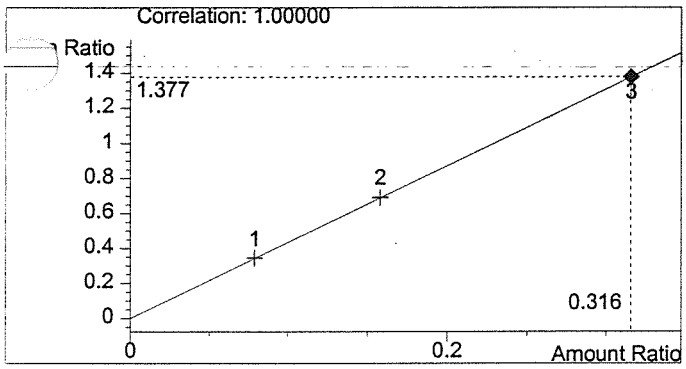
0.316 CAL
JAYNE THATCHER

vial # 4

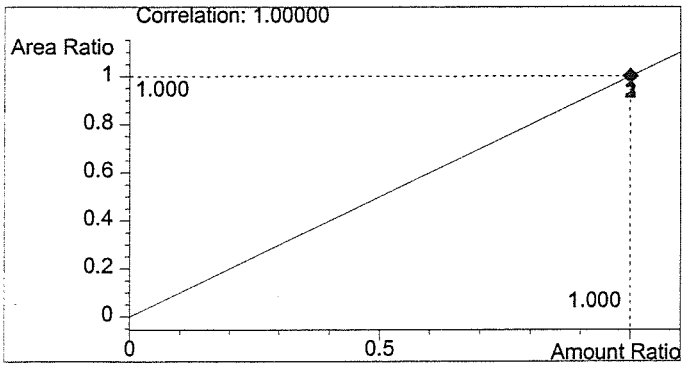


#	Compound	Area	RT
1	Ethanol	4608	1.054
2	n-Propanol	3345	1.842

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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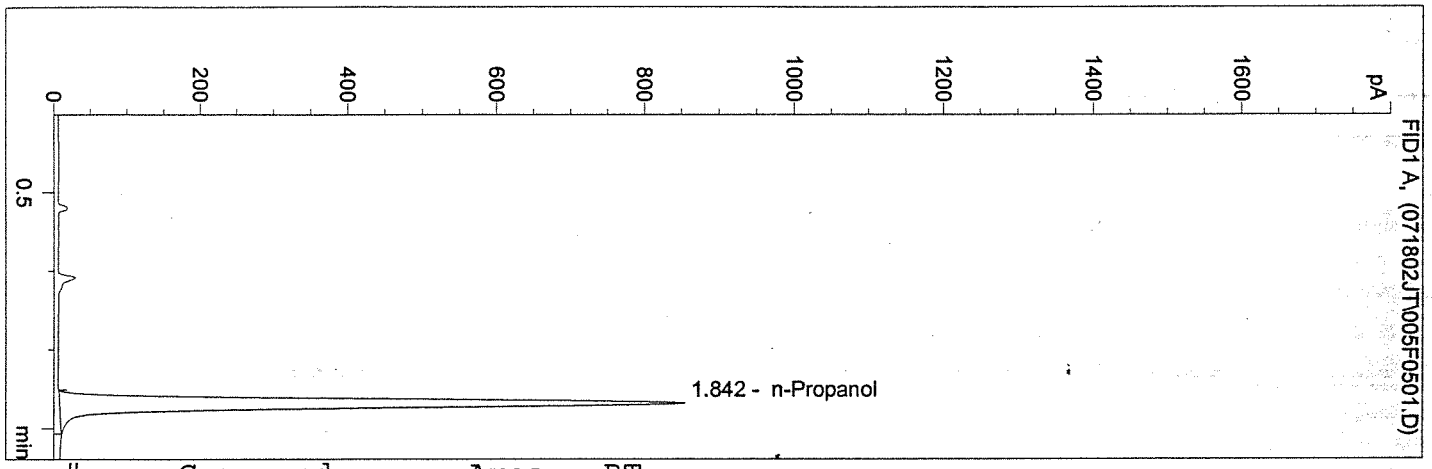
7/18/02 9:12:38 AM
Instrument 2
-ALC1

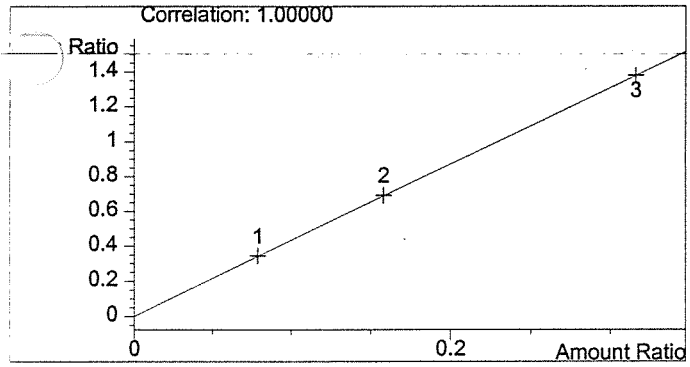
BLANK
JAYNE THATCHER

vial # 5

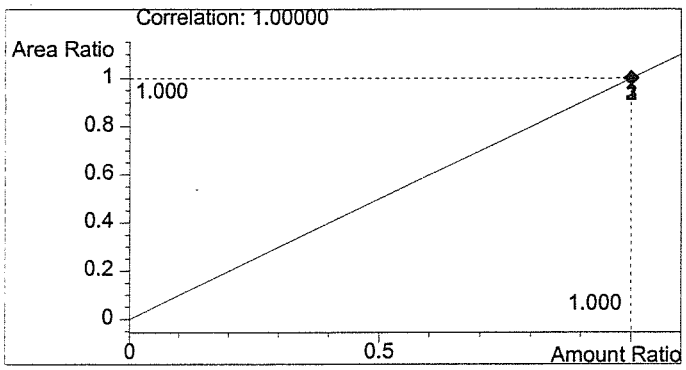


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3291	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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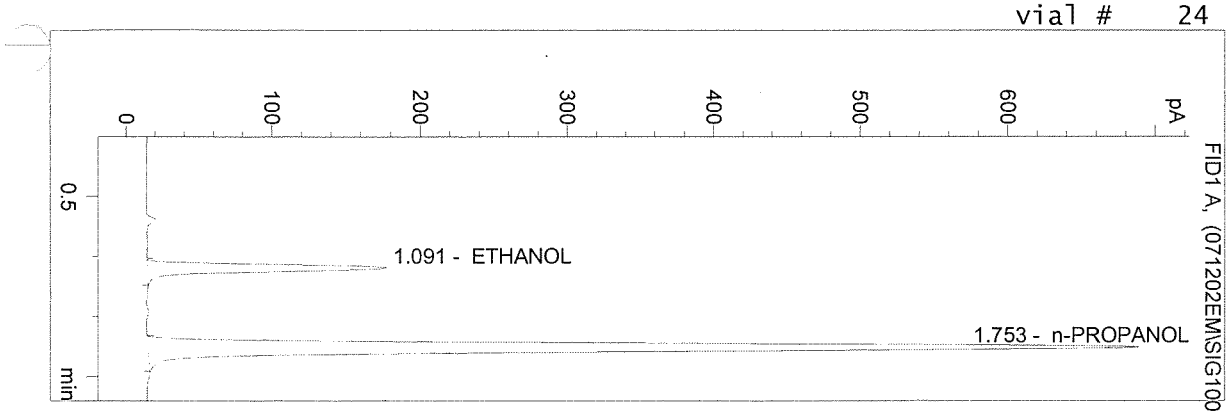
7/12/02 3:32:41 PM
Instrument 3
DB-ALC1

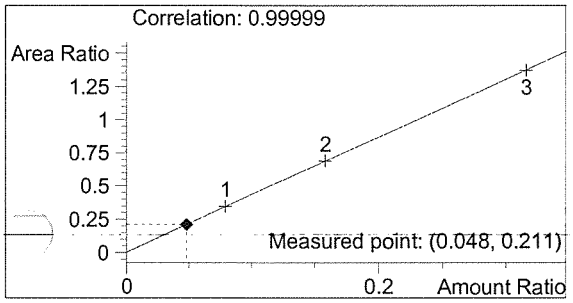
Q.A. Sol. 02027
Estuardo J. Miranda

vial # 24

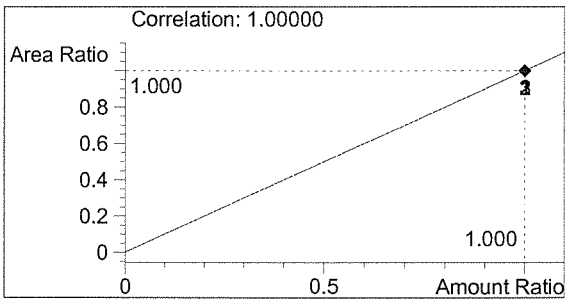


#	Compound	Area	RT
1	ETHANOL	657	1.091
2	n-PROPANOL	3110	1.753

Totals:



ETHANOL 0.048 mg/L

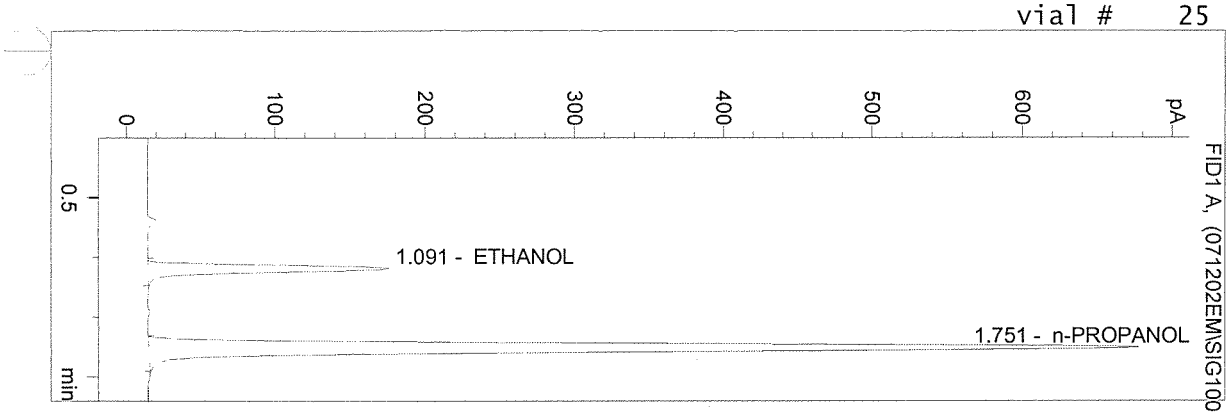


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/12/02 3:36:04 PM
Instrument 3
DB-ALC1

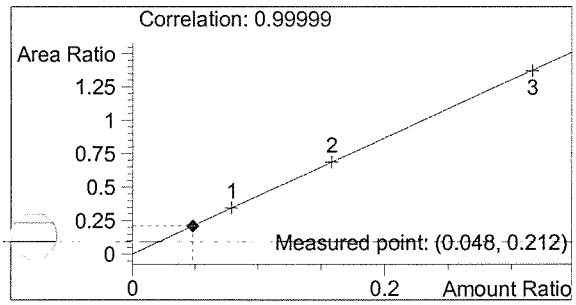
Q.A. Sol. 02027
Estuardo J. Miranda

vial # 25

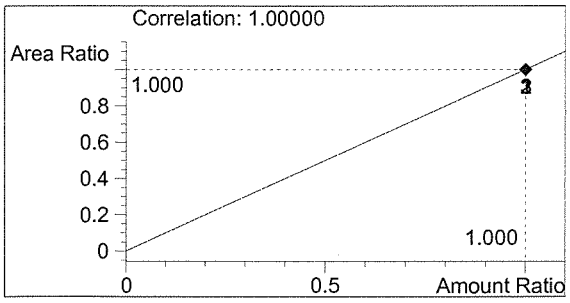


#	Compound	Area	RT
1	ETHANOL	650	1.091
2	n-PROPANOL	3071	1.751

Totals:



ETHANOL 0.048 mg/L



n-PROPANOL 1.000 mg/L

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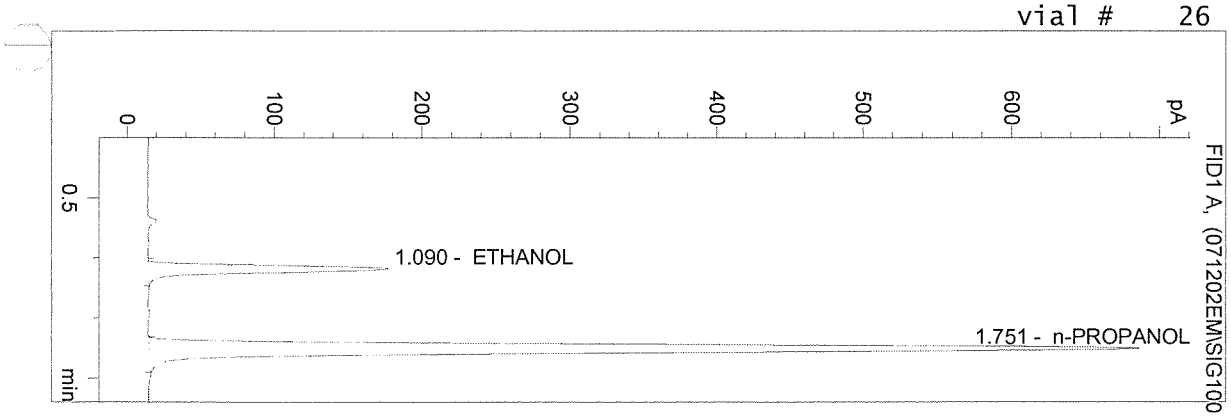
Instrument 3
DB-ALC1

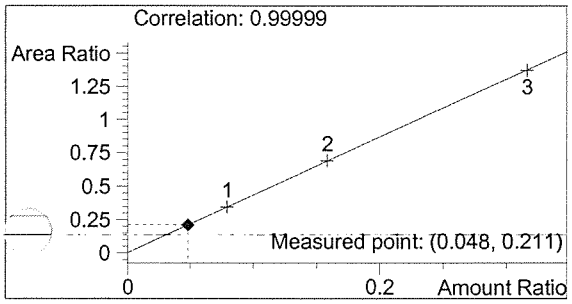
Q.A. Sol. 02027
Estuardo J. Miranda

vial # 26

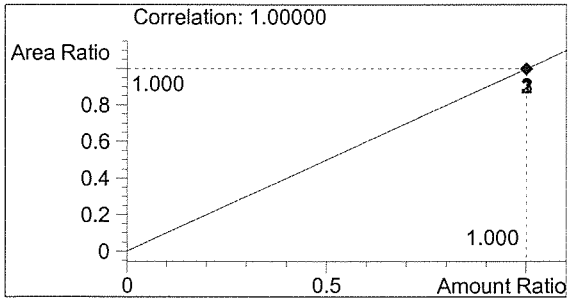


#	Compound	Area	RT
1	ETHANOL	655	1.090
2	n-PROPANOL	3099	1.751

Totals:



ETHANOL 0.048 mg/L



n-PROPANOL 1.000 mg/L

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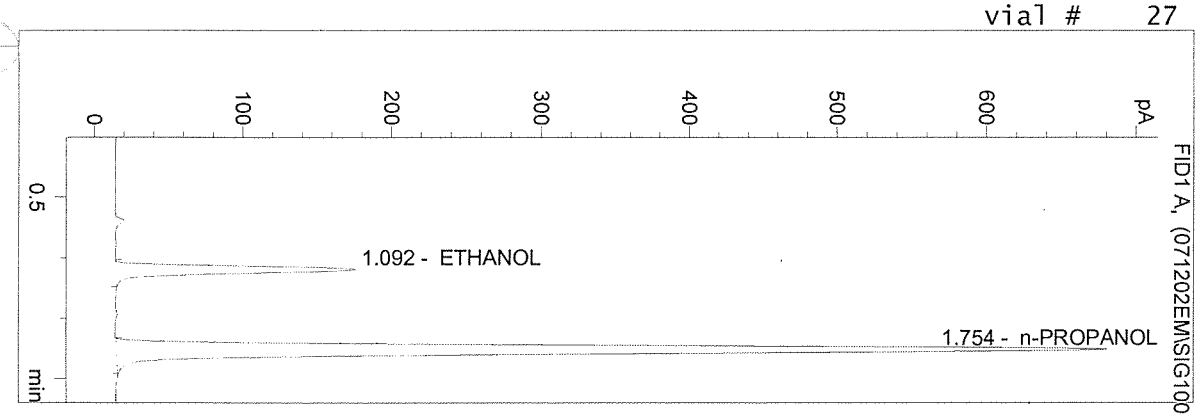
7/12/02 3:42:51 PM
Instrument 3
DB-ALC1

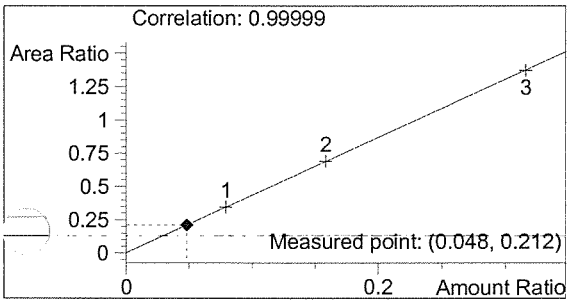
Q.A. Sol. 02027
Estuardo J. Miranda

vial # 27

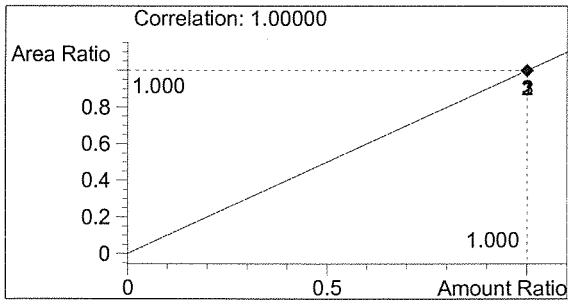


#	Compound	Area	RT
1	ETHANOL	657	1.092
2	n-PROPANOL	3097	1.754

Totals:



ETHANOL 0.048 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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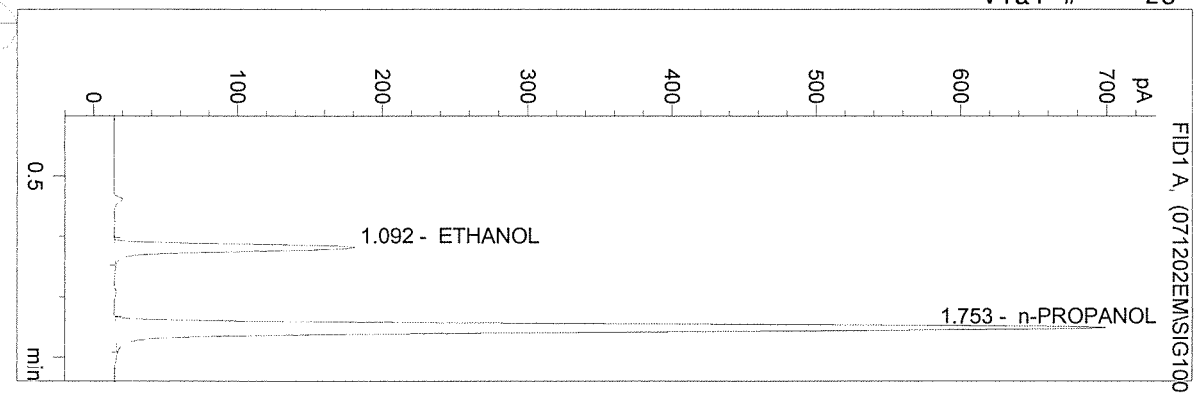
Instrument 3
DB-ALC1

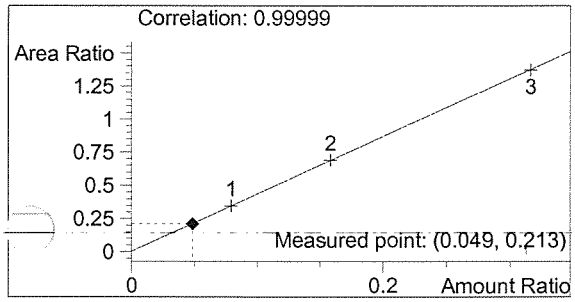
Q.A. Sol. 02027
Estuardo J. Miranda

vial # 28

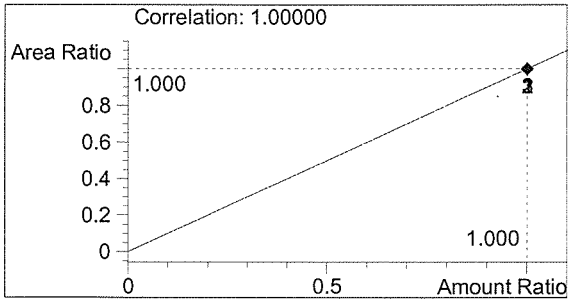


#	Compound	Area	RT
1	ETHANOL	675	1.092
2	n-PROPANOL	3173	1.753

Totals:



ETHANOL 0.049 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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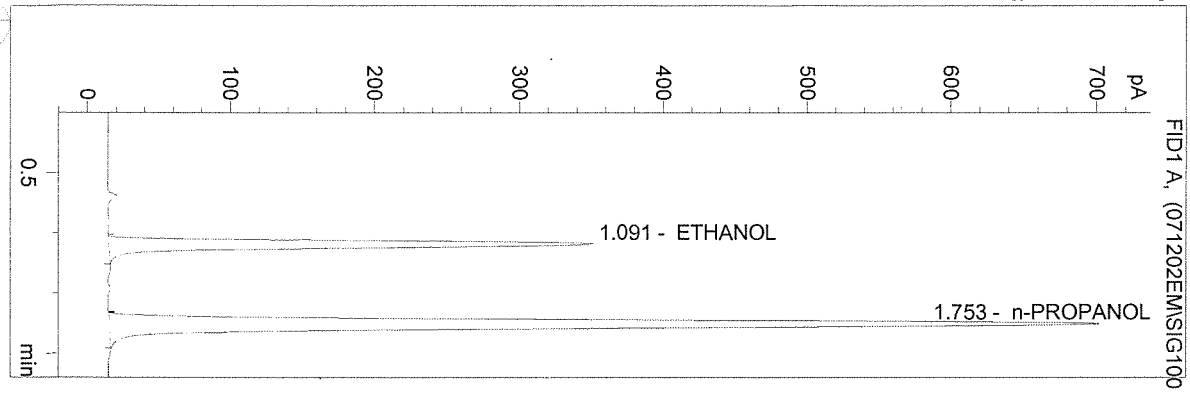
7/12/02 3:49:41 PM
Instrument 3
DB-ALC1

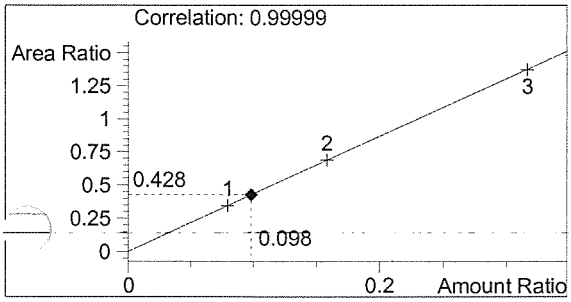
0.100 Control
Estuardo J. Miranda

vial # 29

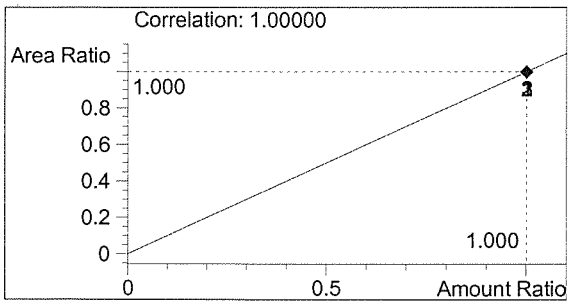


#	Compound	Area	RT
1	ETHANOL	1358	1.091
2	n-PROPANOL	3171	1.753

Totals:



ETHANOL 0.098 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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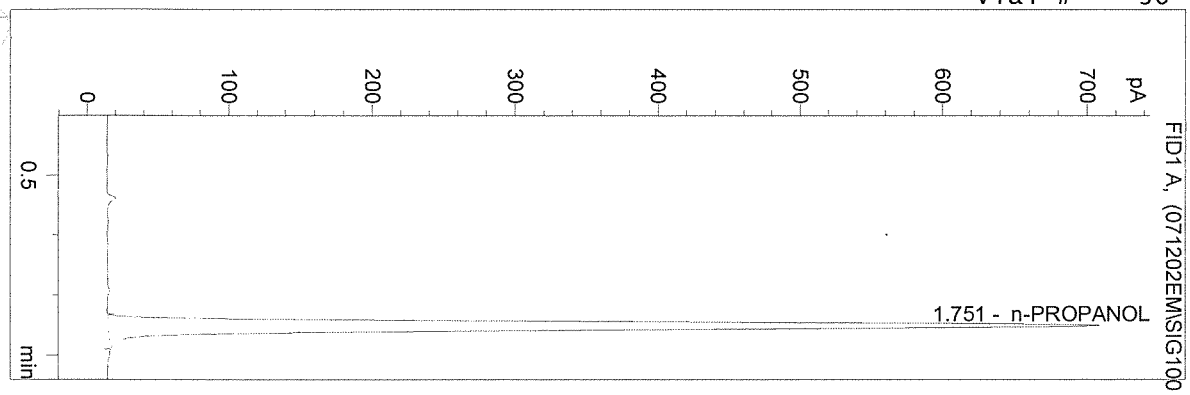
Instrument 3
DB-ALC1

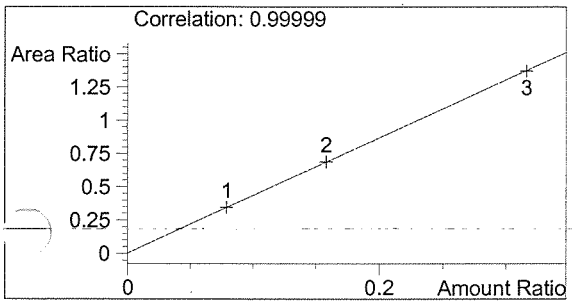
Blank
Estuardo J. Miranda

vial # 30

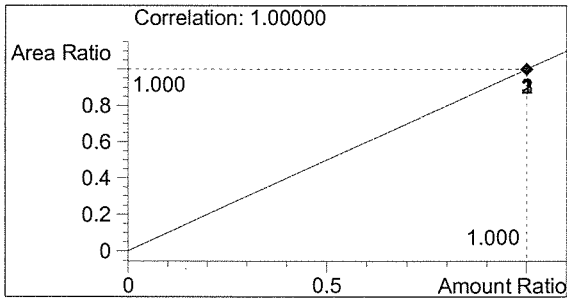


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3206	1.751

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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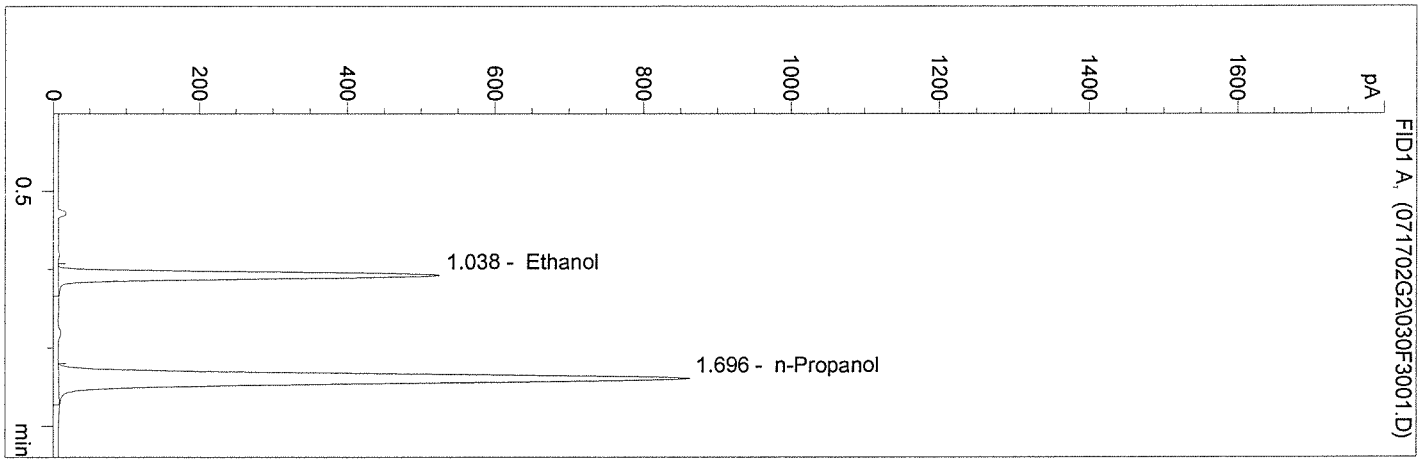
Instrument 1
DB-ALC1

QA 02027
Cal 024151

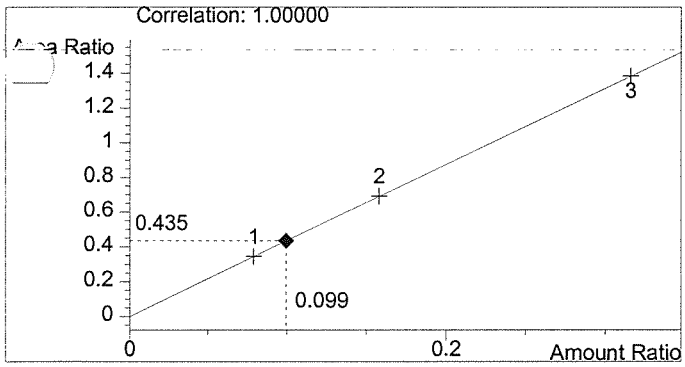
CAP 0.100
Gene Schwilke

vial # 30

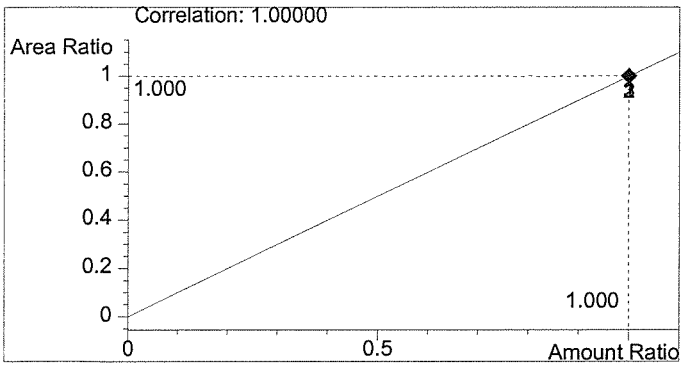


#	Compound	Area	RT
1	Ethanol	1551	1.038
2	n-Propanol	3563	1.696

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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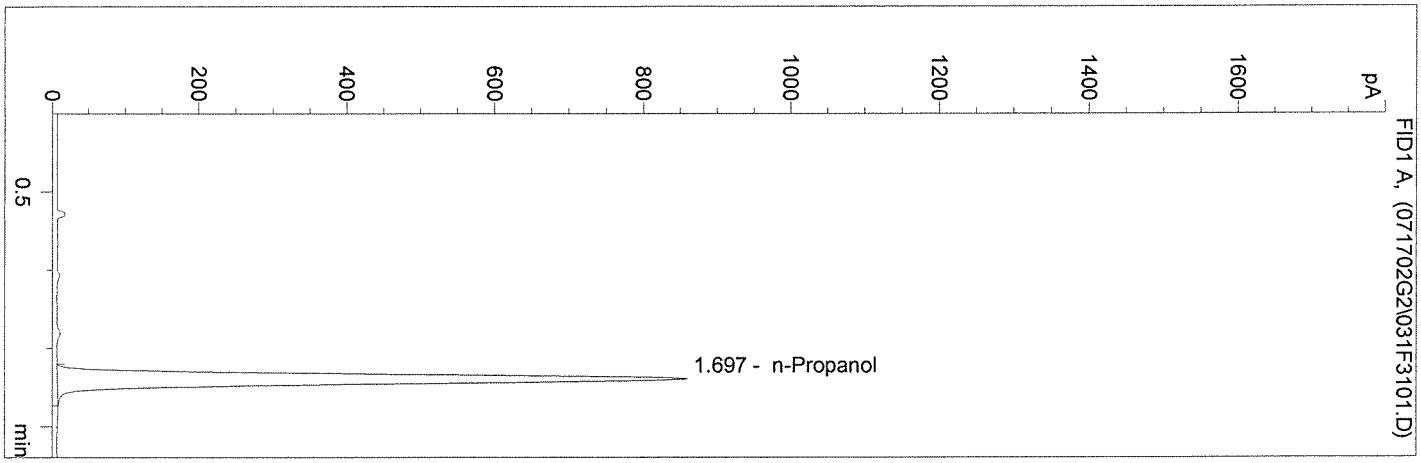
7/17/02 7:12:35 PM
Instrument 1
DB-ALC1

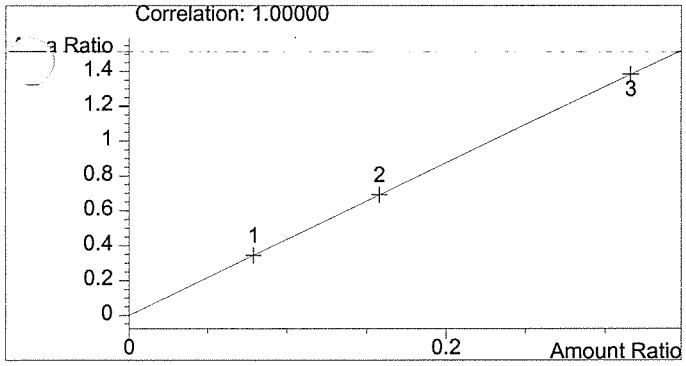
BLANK
Gene Schwilke

vial # 31

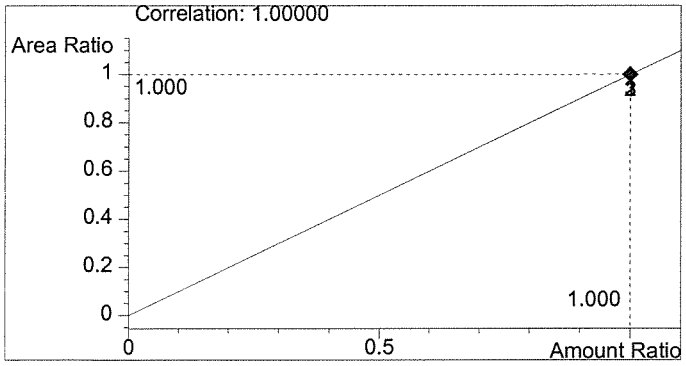


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3572	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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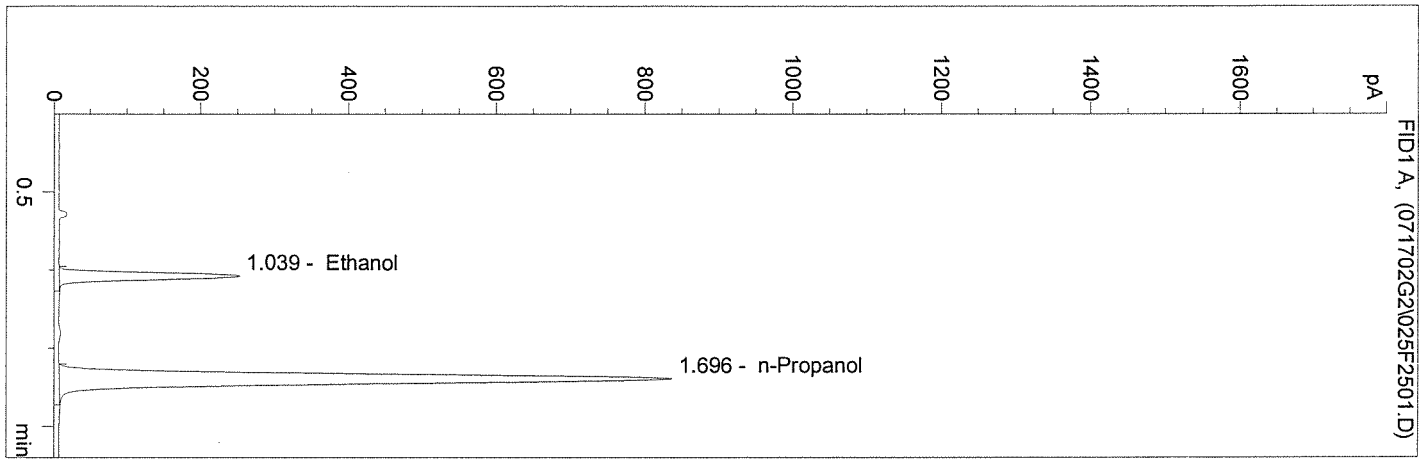
Instrument 1
DB-ALC1

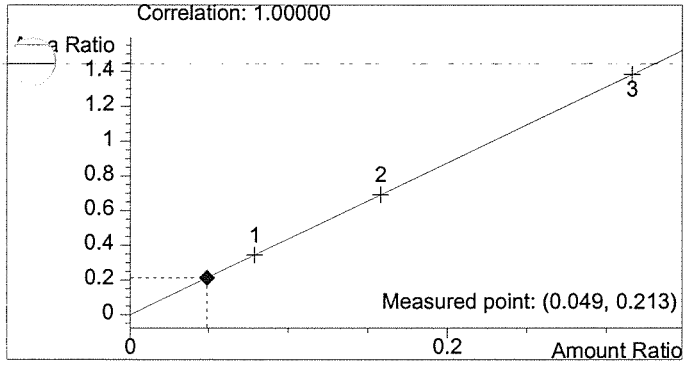
0.04QASOL 02027
Gene Schwilke

vial # 25

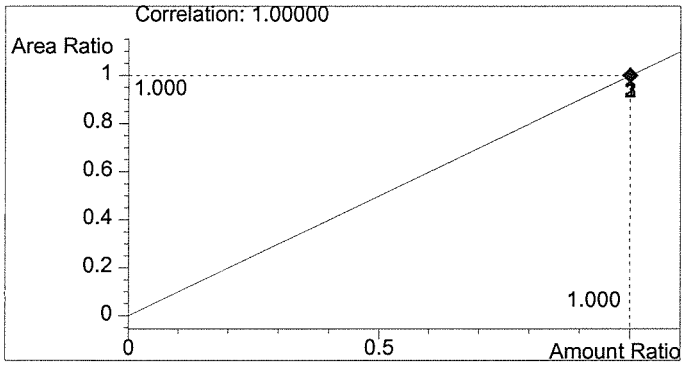


#	Compound	Area	RT
1	Ethanol	742	1.039
2	n-Propanol	3476	1.696

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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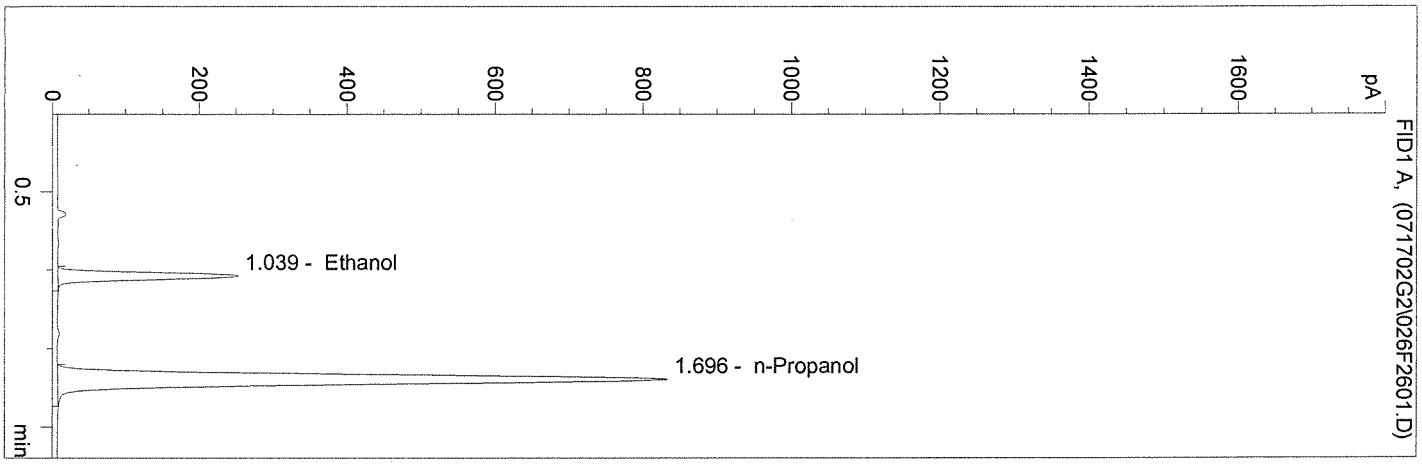
7/17/02 6:57:16 PM
Instrument 1
DB-ALC1

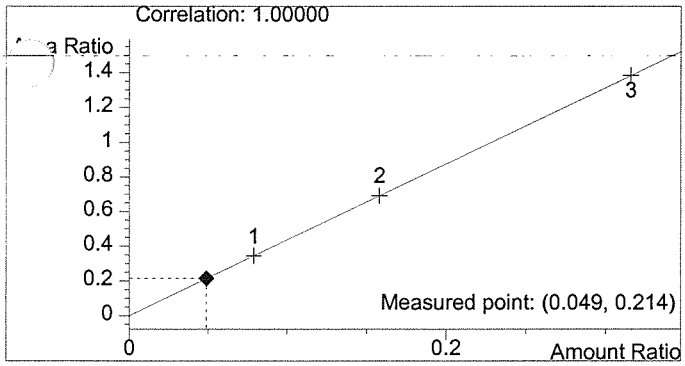
0.04QASOL 02027
Gene Schwilke

vial # 26

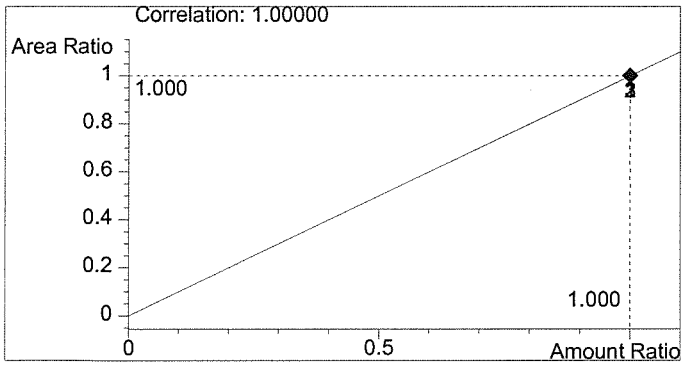


#	Compound	Area	RT
1	Ethanol	740	1.039
2	n-Propanol	3460	1.696

Totals:



Ethanol 0.049 g/100ml



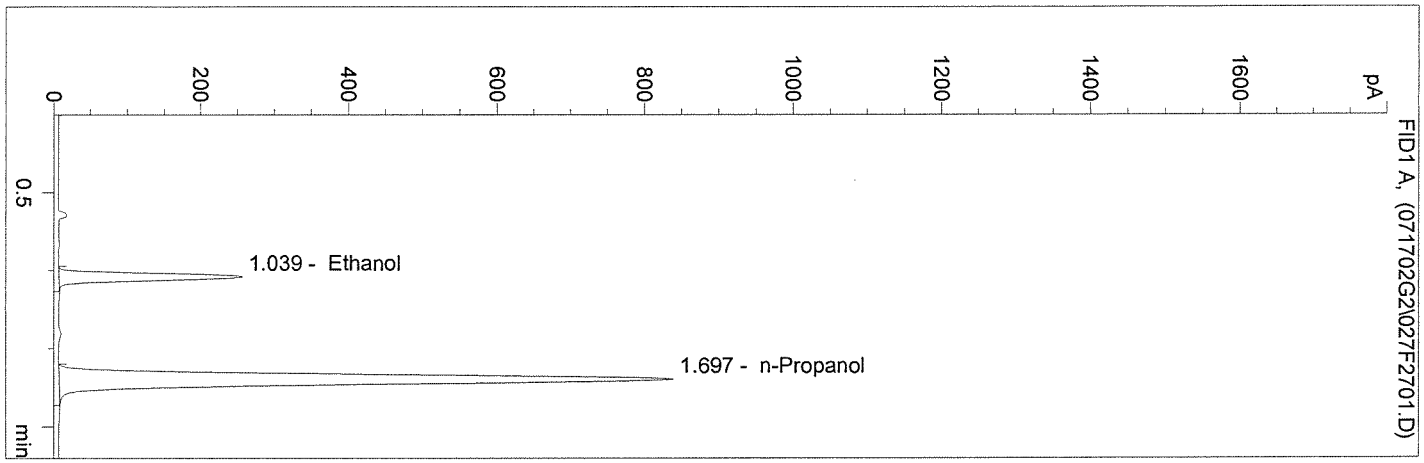
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/17/02 7:00:18 PM
Instrument 1
DB-ALC1

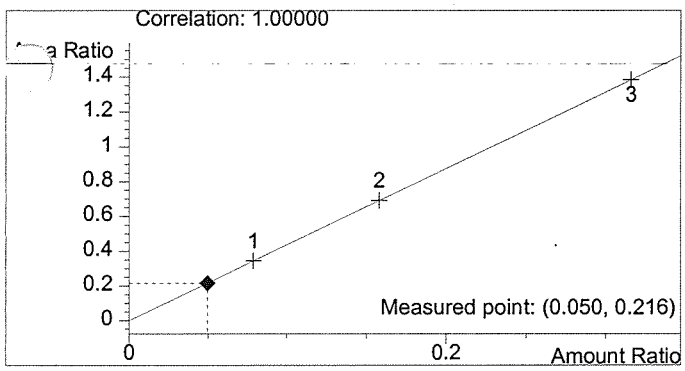
0.04QASOL 02027
Gene Schwilke

vial # 27

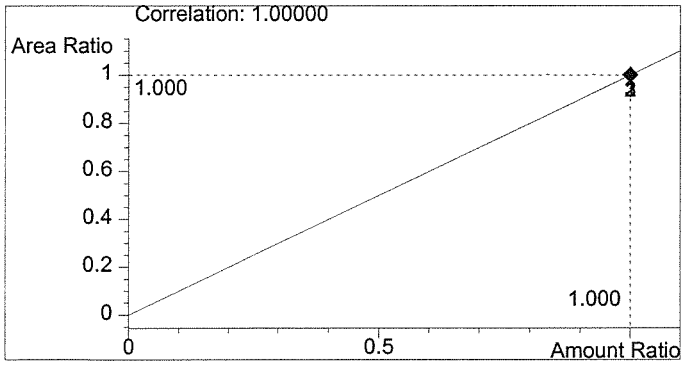


#	Compound	Area	RT
1	Ethanol	755	1.039
2	n-Propanol	3493	1.697

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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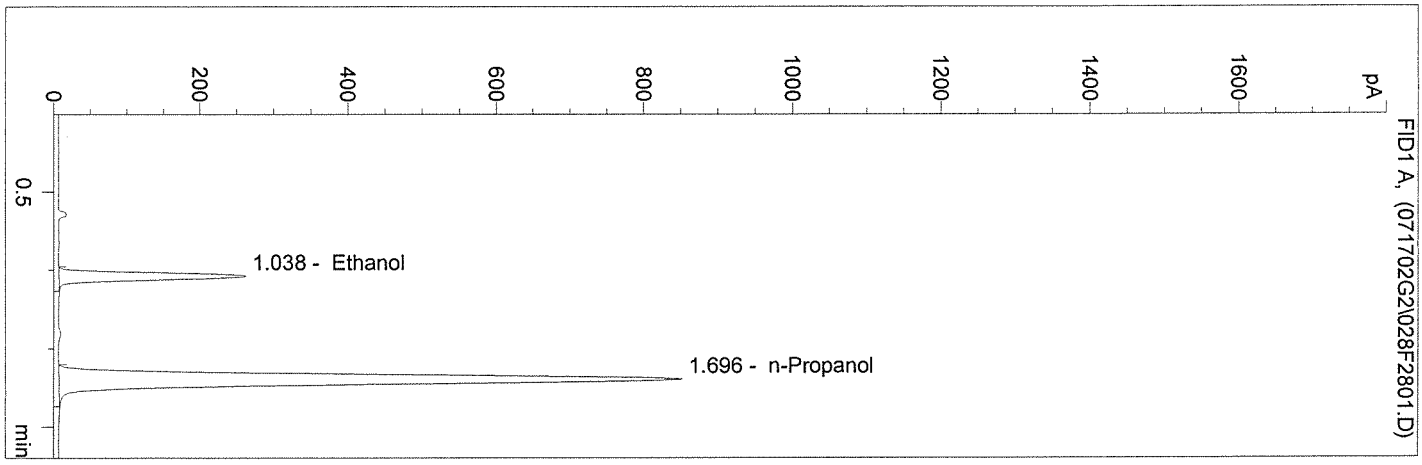
7/17/02 7:03:20 PM
Instrument 1
DB-ALC1

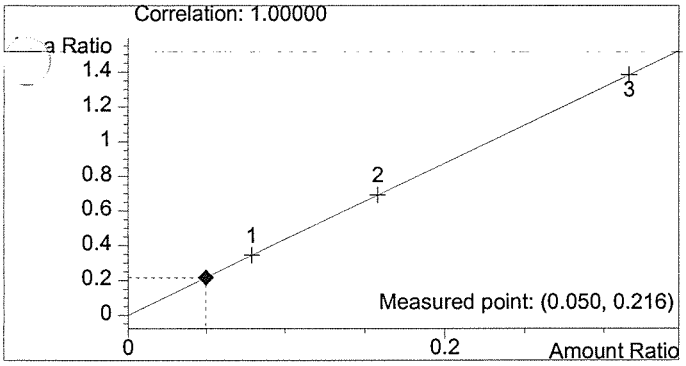
0.04QASOL 02027
Gene Schwilke

vial # 28

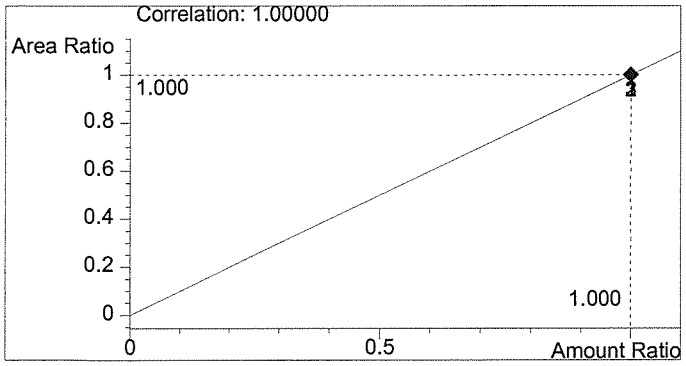


#	Compound	Area	RT
1	Ethanol	764	1.038
2	n-Propanol	3530	1.696

Totals:



Ethanol 0.050 g/100ml



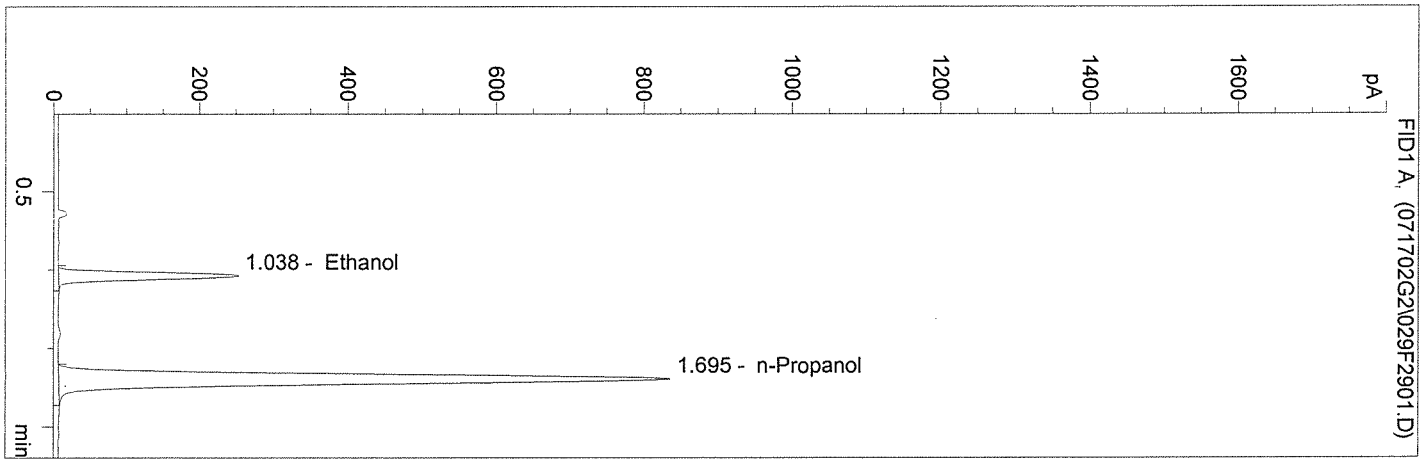
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/17/02 7:06:31 PM
Instrument 1
DB-ALC1

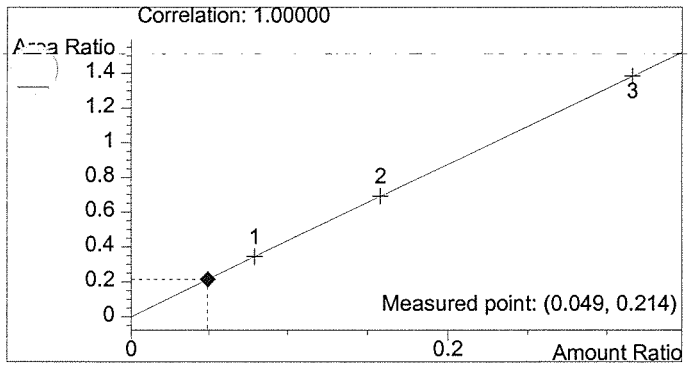
0.04QASOL 02027
Gene Schwilke

vial # 29

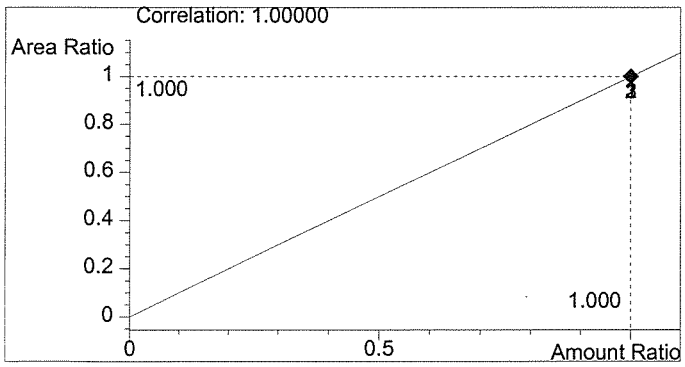


#	Compound	Area	RT
1	Ethanol	746	1.038
2	n-Propanol	3482	1.695

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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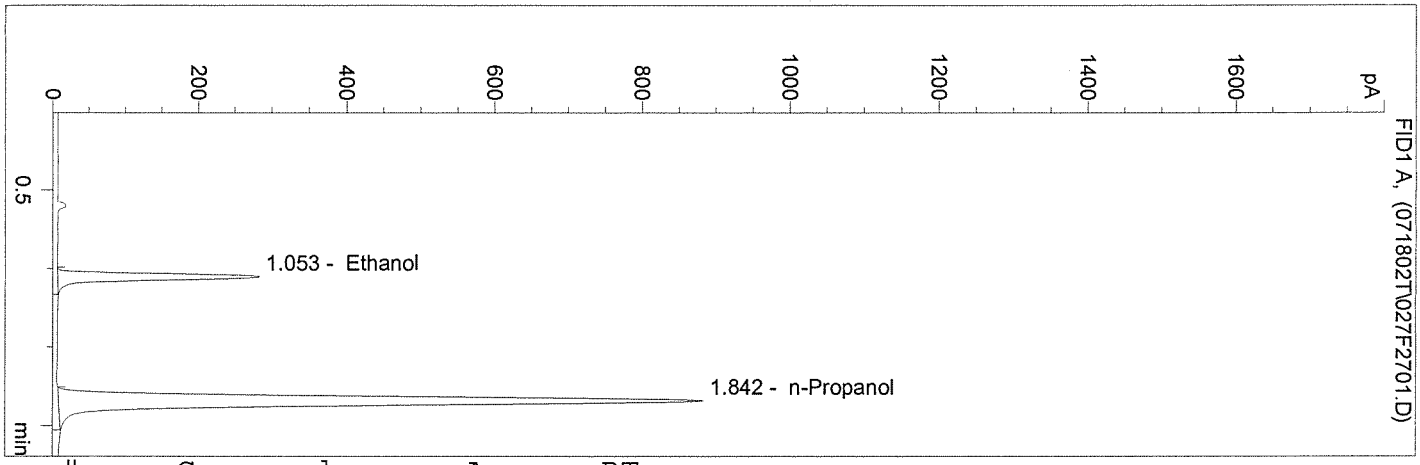
Instrument 2
-ALC1

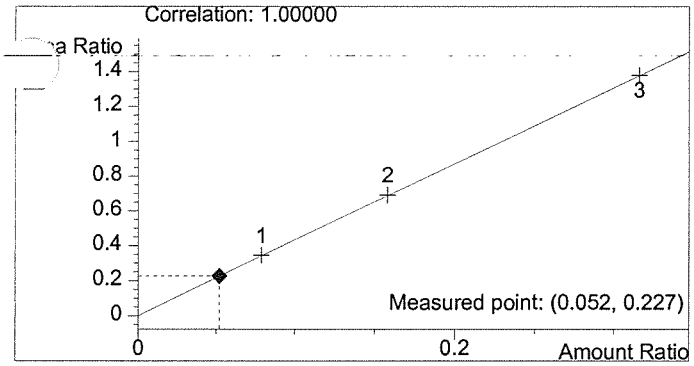
QA 02027-1
JAYNE THATCHER

vial # 27

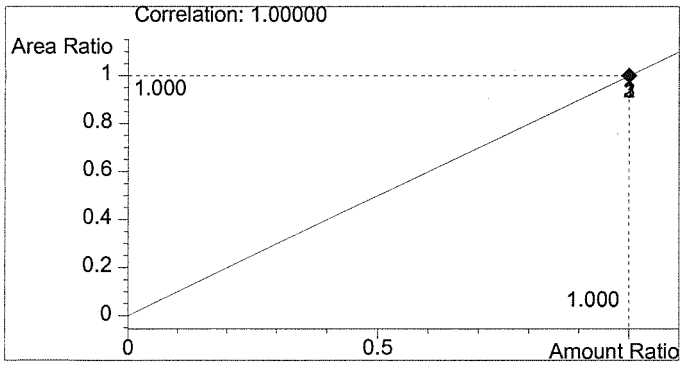


#	Compound	Area	RT
1	Ethanol	767	1.053
2	n-Propanol	3382	1.842

Totals:



Ethanol 0.052 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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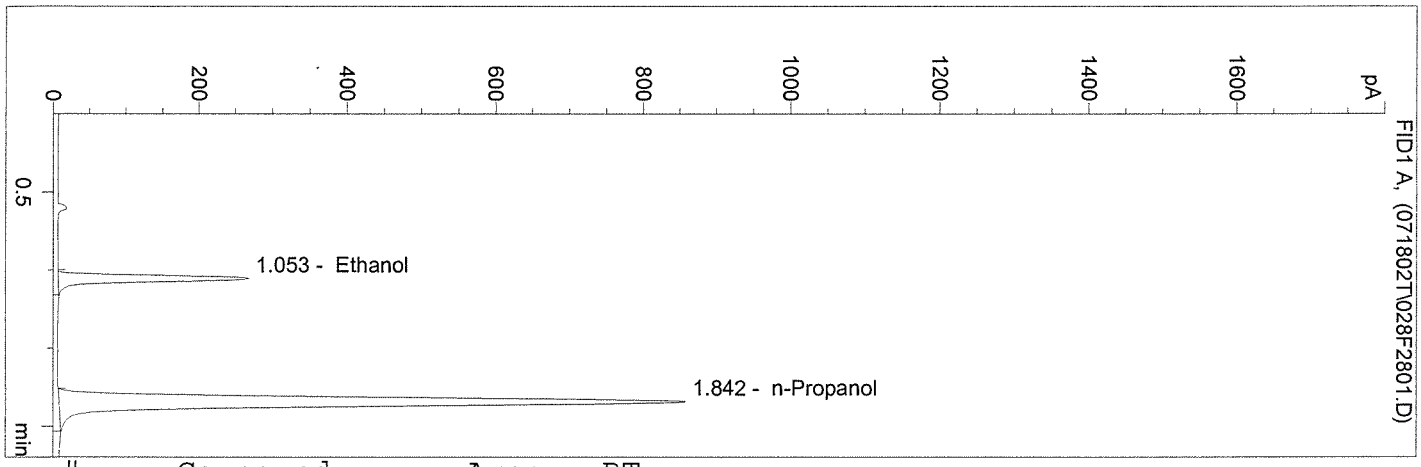
Instrument 2
-ALC1

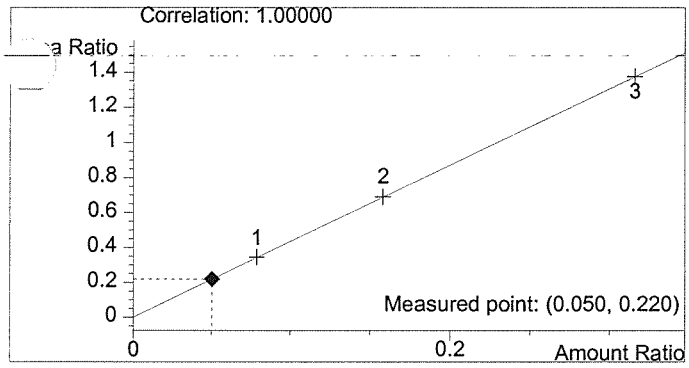
QA 02027-2
JAYNE THATCHER

vial # 28

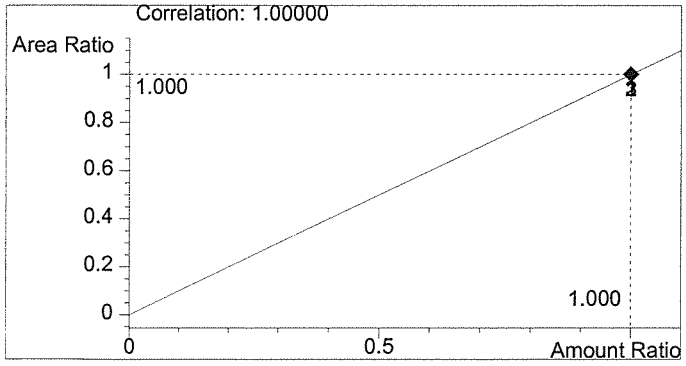


#	Compound	Area	RT
1	Ethanol	726	1.053
2	n-Propanol	3304	1.842

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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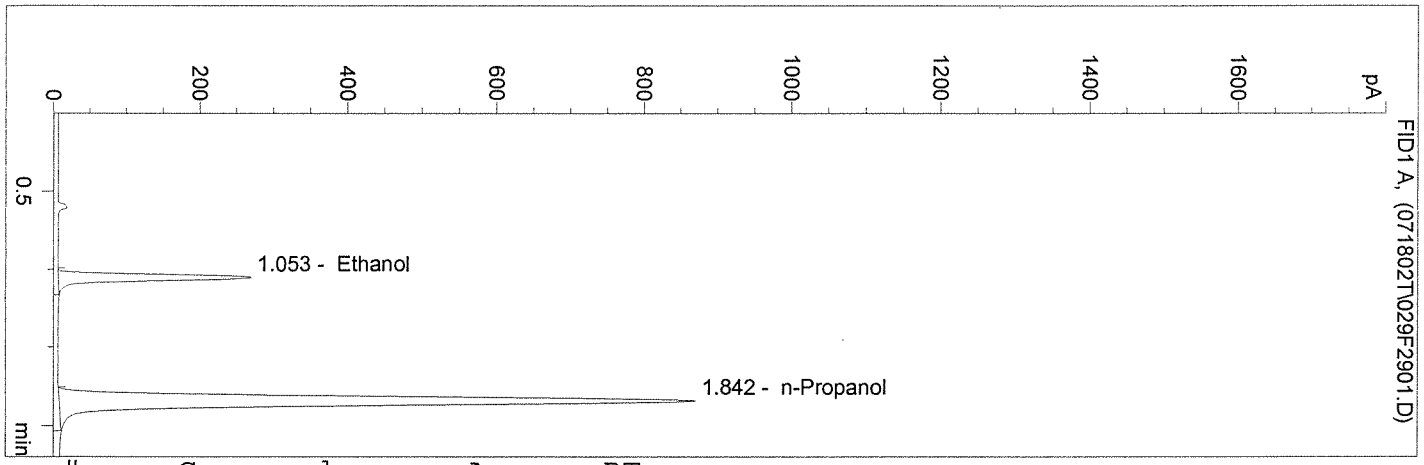
Instrument 2
-ALC1

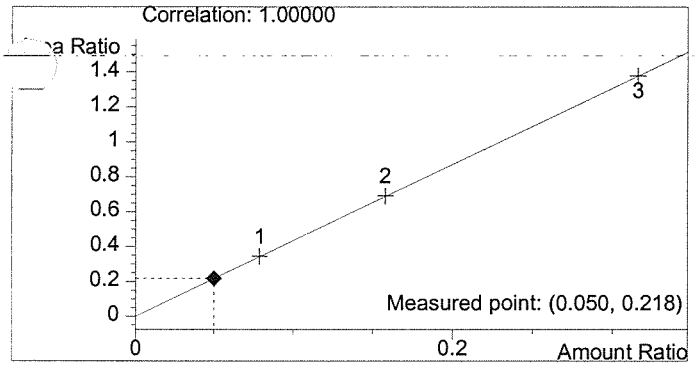
QA 02027-3
JAYNE THATCHER

vial # 29

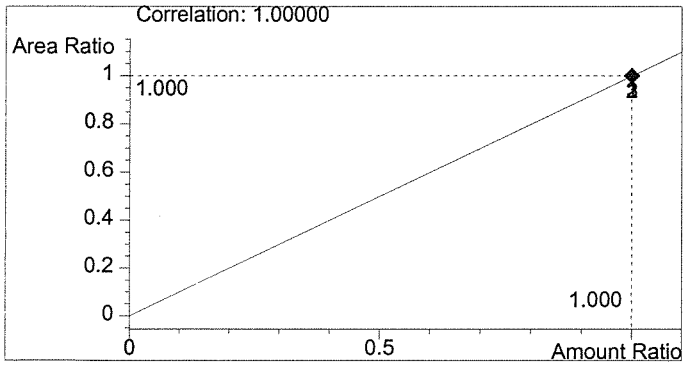


#	Compound	Area	RT
1	Ethanol	729	1.053
2	n-Propanol	3343	1.842

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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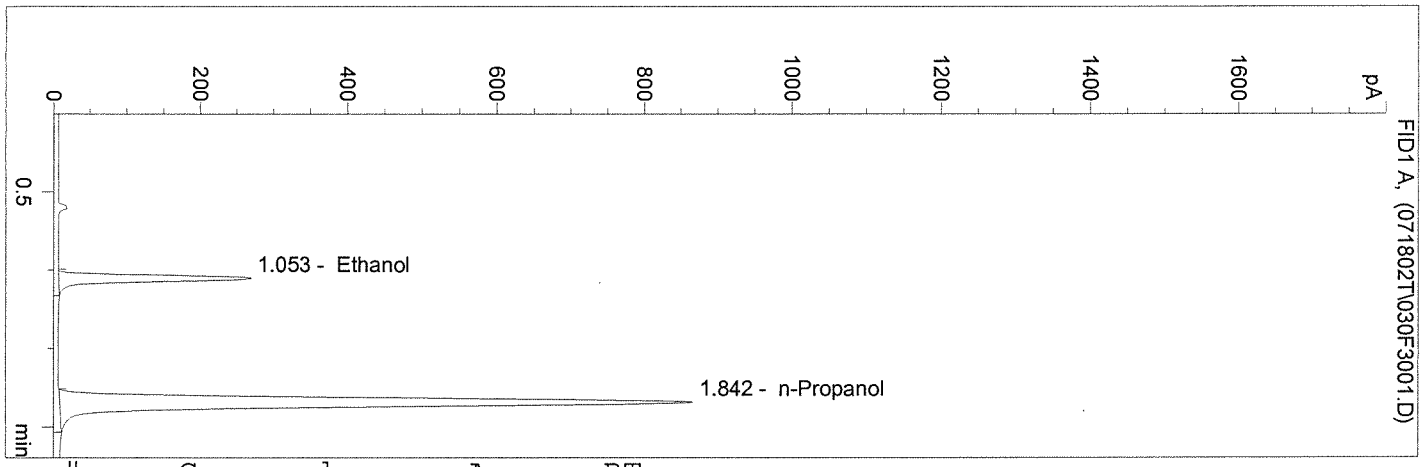
Instrument 2
-ALC1

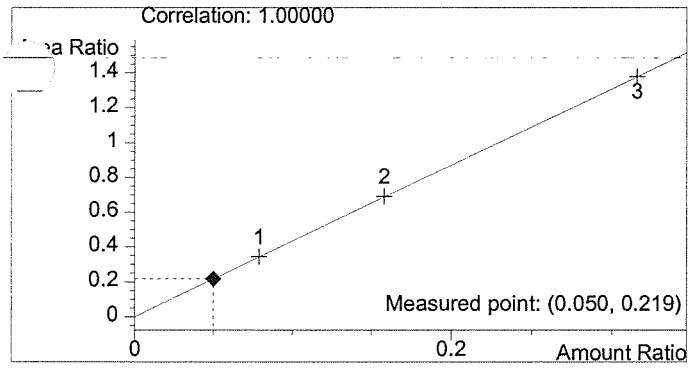
QA 02027-4
JAYNE THATCHER

vial # 30

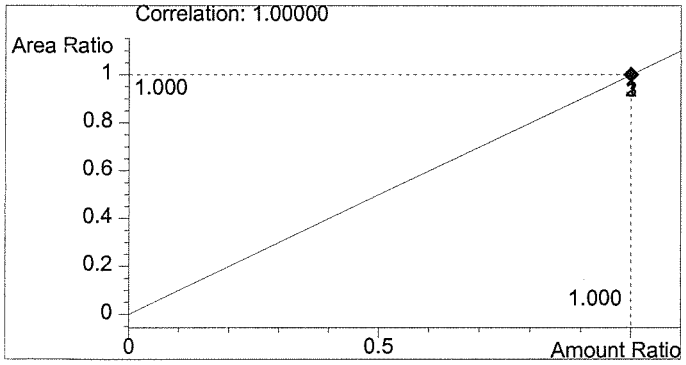


#	Compound	Area	RT
1	Ethanol	728	1.053
2	n-Propanol	3332	1.842

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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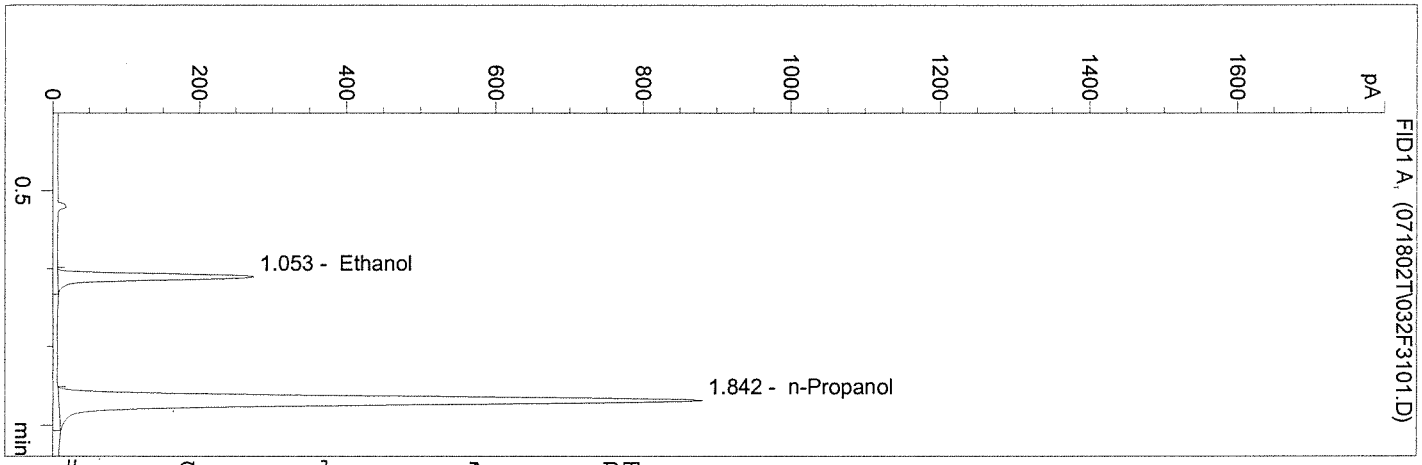
Instrument 2
-ALC1

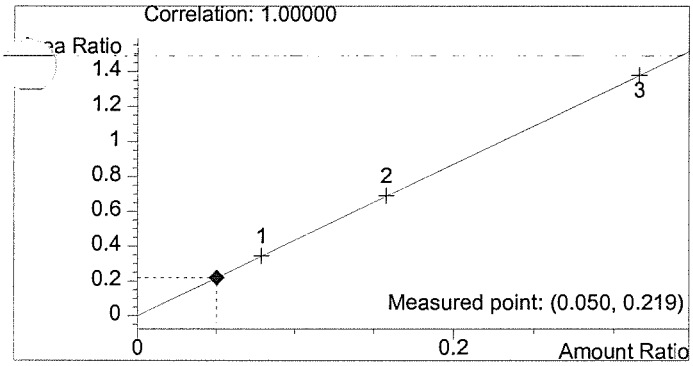
QA 02027-5
JAYNE THATCHER

vial # 32

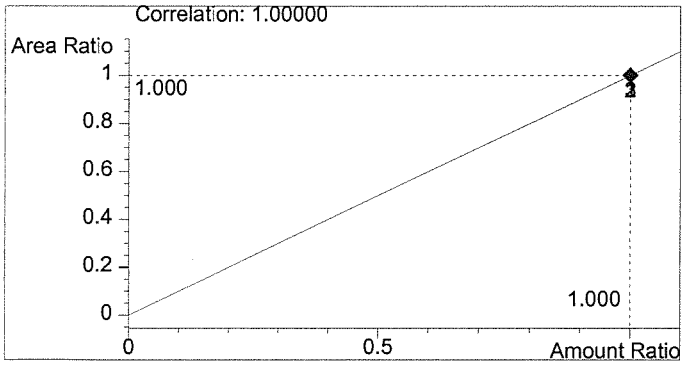


#	Compound	Area	RT
1	Ethanol	741	1.053
2	n-Propanol	3385	1.842

Totals:



Ethanol 0.050 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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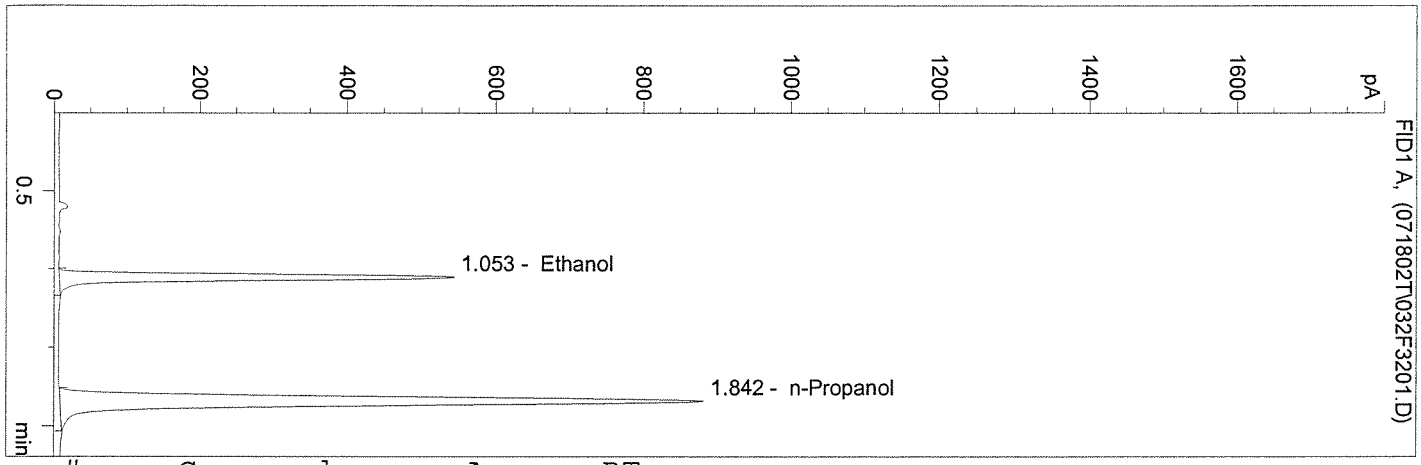
Instrument 2
-ALC1

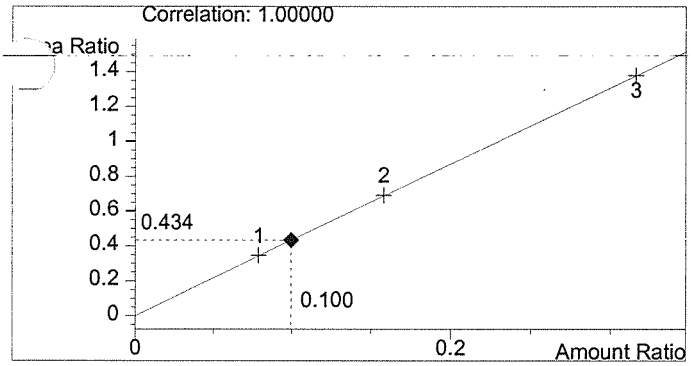
0.10 CONTROL
JAYNE THATCHER

vial # 32

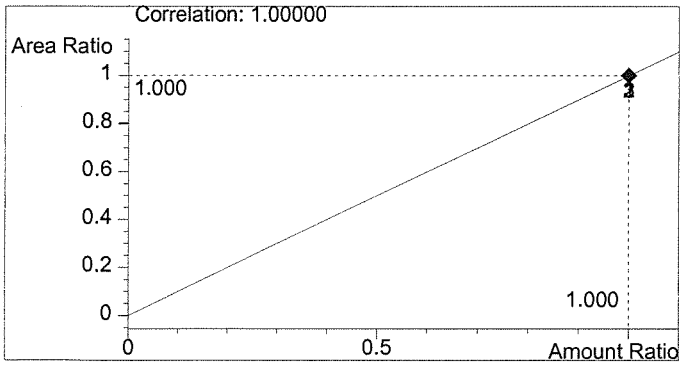


#	Compound	Area	RT
1	Ethanol	1472	1.053
2	n-Propanol	3388	1.842

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
-ALC1

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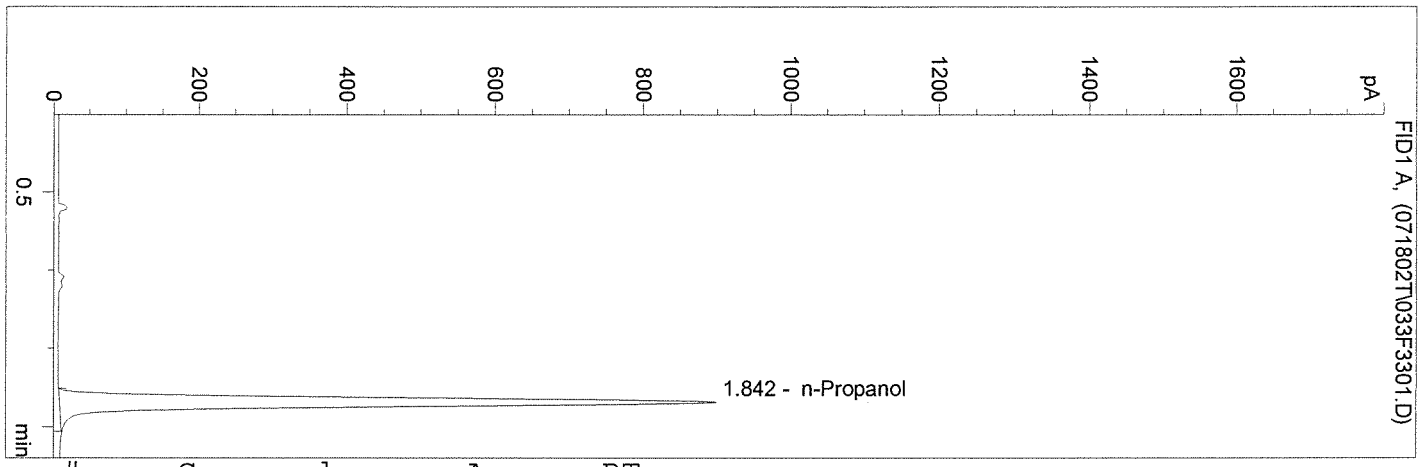
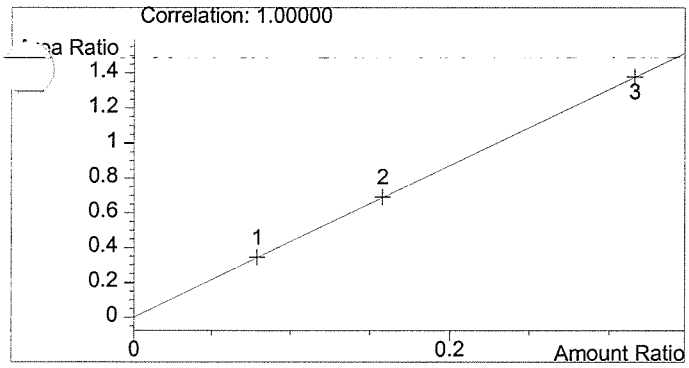
JAYNE THATCHER

vial # 33

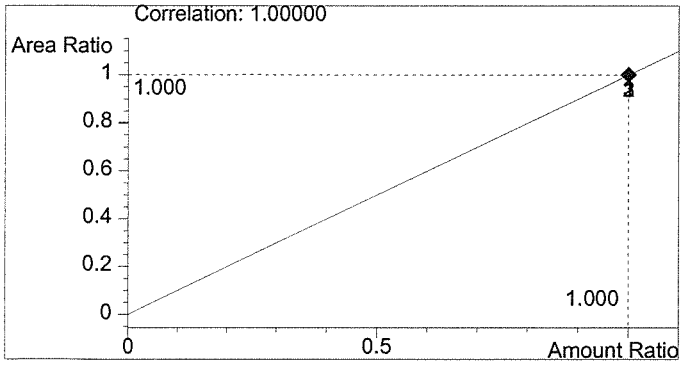


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3445	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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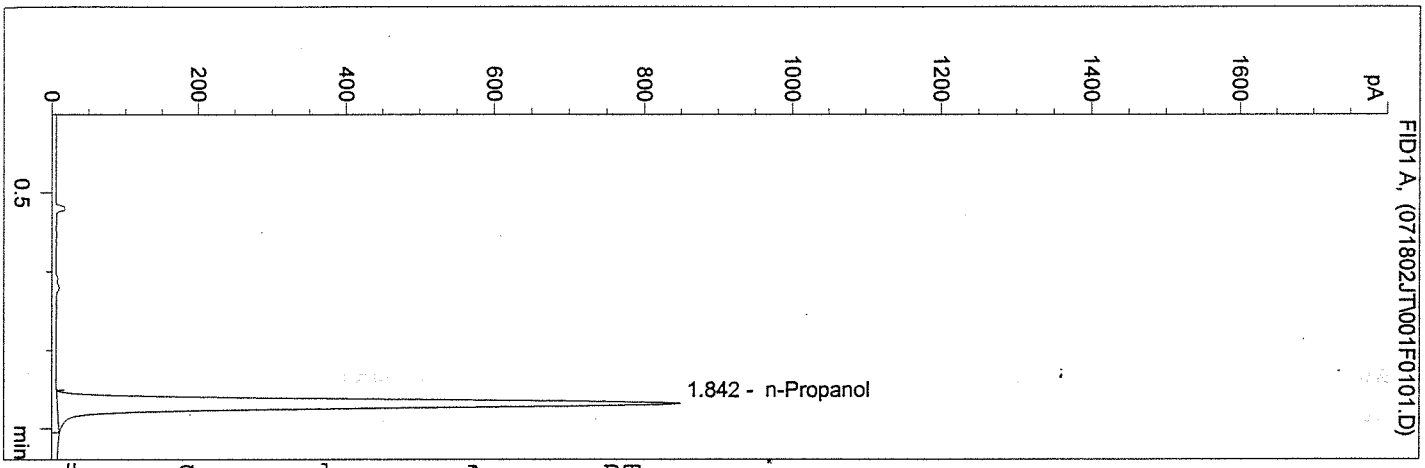
7/18/02 9:00:07 AM
Instrument 2
-ALC1

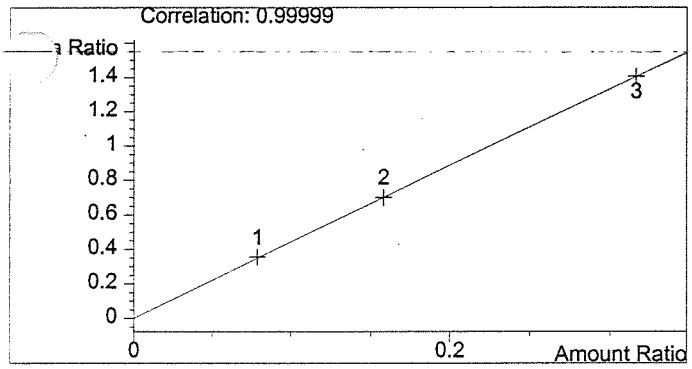
BLANK
JAYNE THATCHER

vial # 1

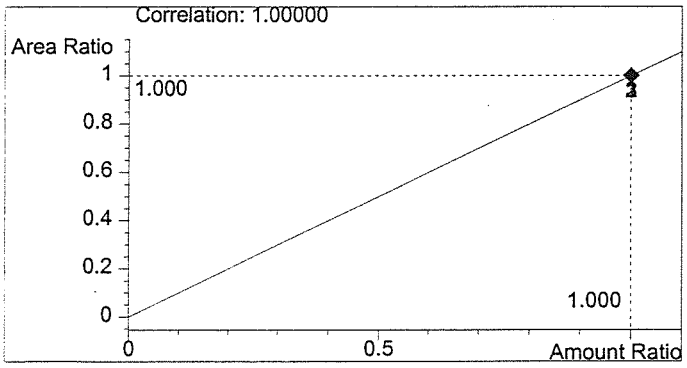


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3256	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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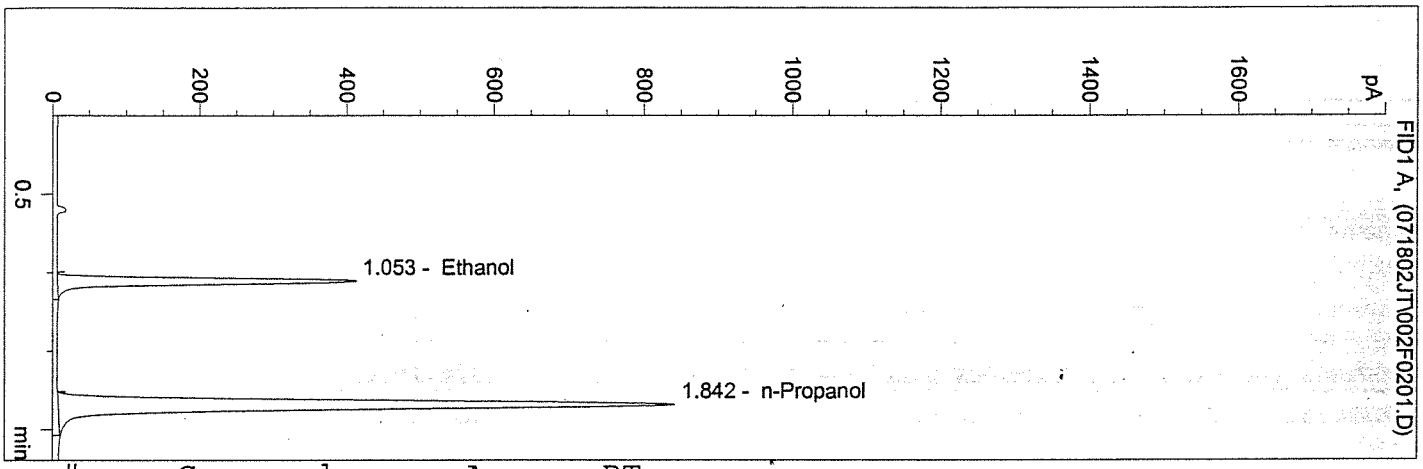
Instrument 2
-ALC1

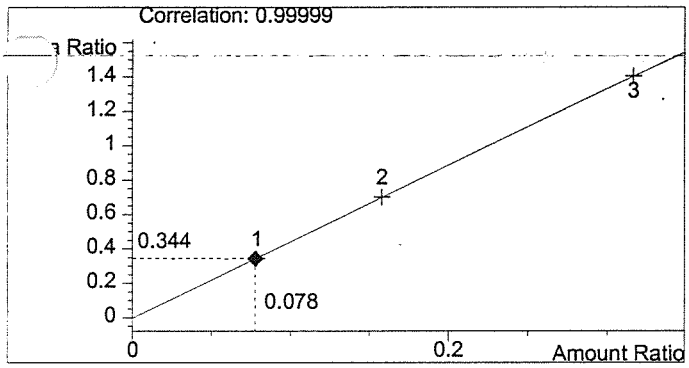
0.079 CAL
JAYNE THATCHER

vial # 2

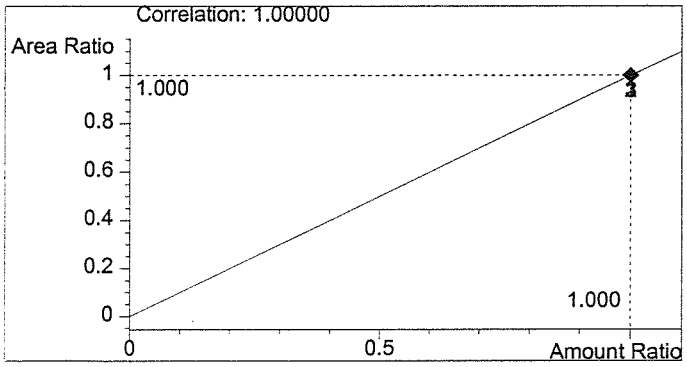


#	Compound	Area	RT
1	Ethanol	1116	1.053
2	n-Propanol	3242	1.842

Totals:



Ethanol 0.078 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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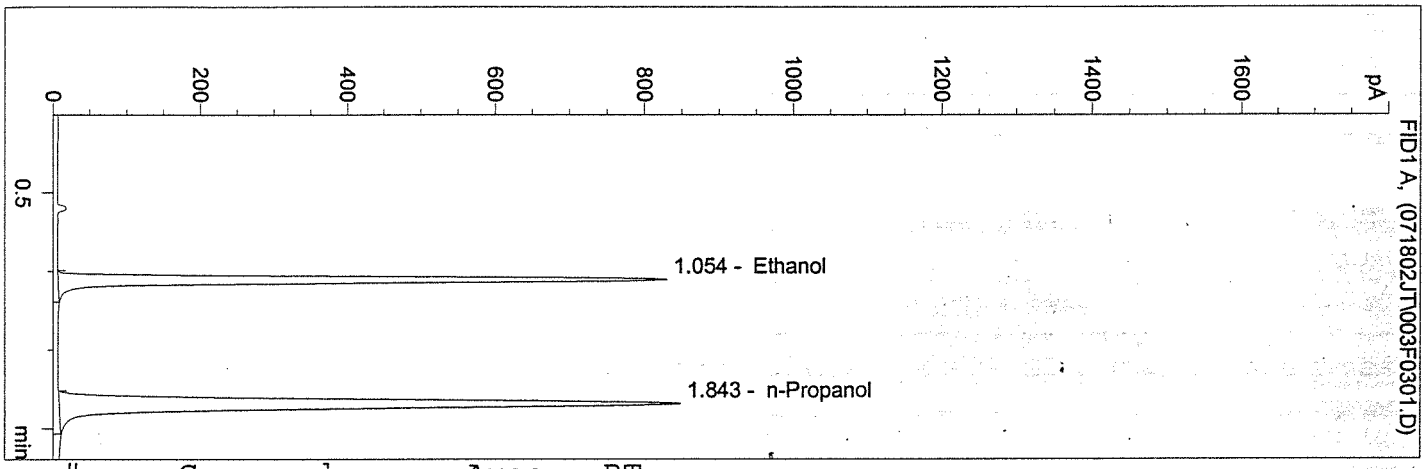
7/18/02 9:06:10 AM
Instrument 2
B-ALC1

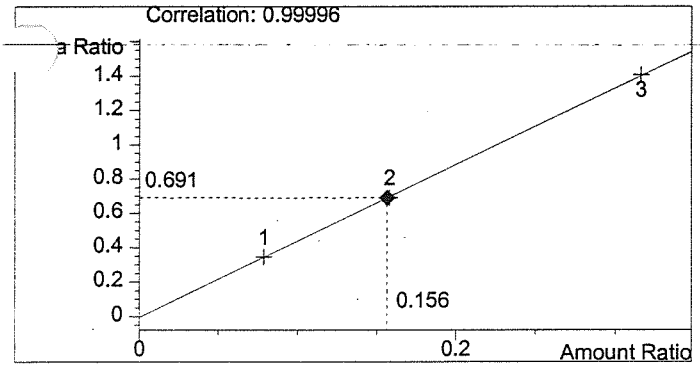
0.158 CAL
JAYNE THATCHER

vial # 3

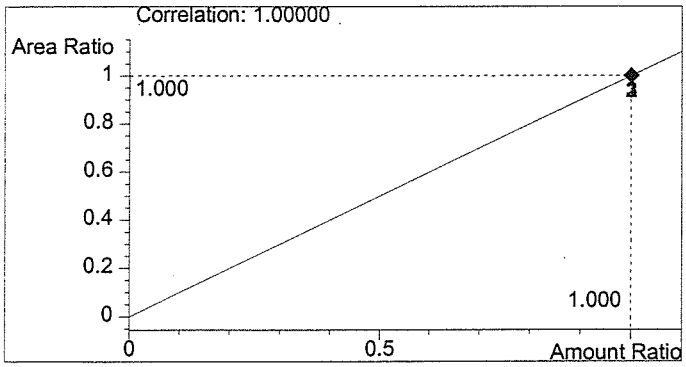


#	Compound	Area	RT
1	Ethanol	2253	1.054
2	n-Propanol	3260	1.843

Totals:



Ethanol 0.156 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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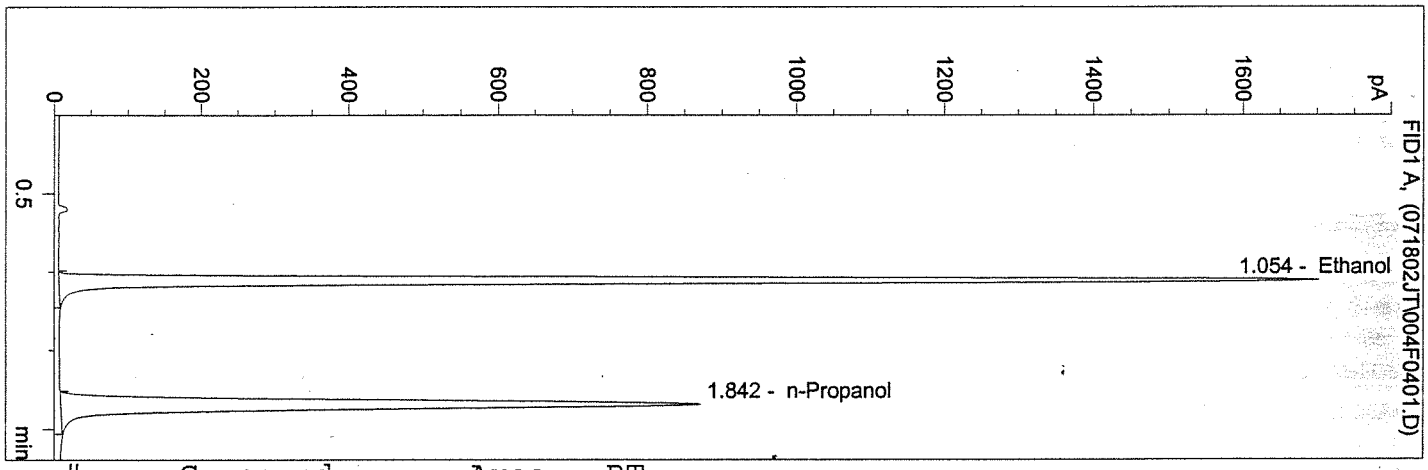
7/18/02 9:09:12 AM
Instrument 2
B-ALC1

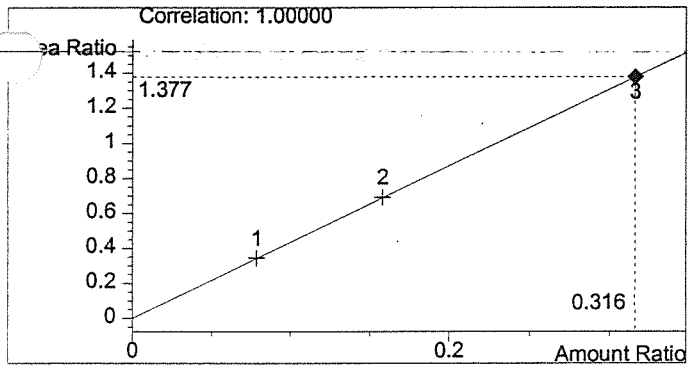
0.316 CAL
JAYNE THATCHER

vial # 4

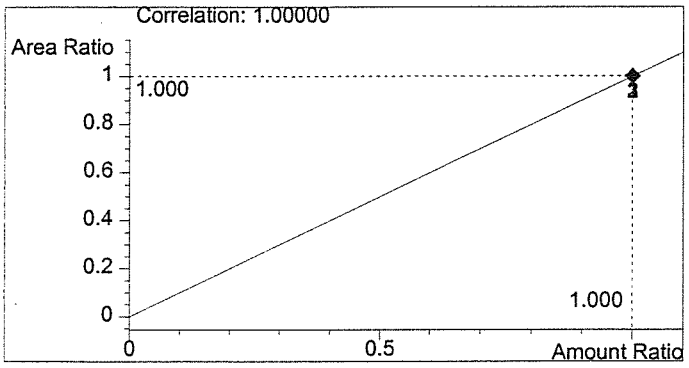


#	Compound	Area	RT
1	Ethanol	4608	1.054
2	n-Propanol	3345	1.842

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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7/18/02 9:12:38 AM
Instrument 2
DB-ALC1

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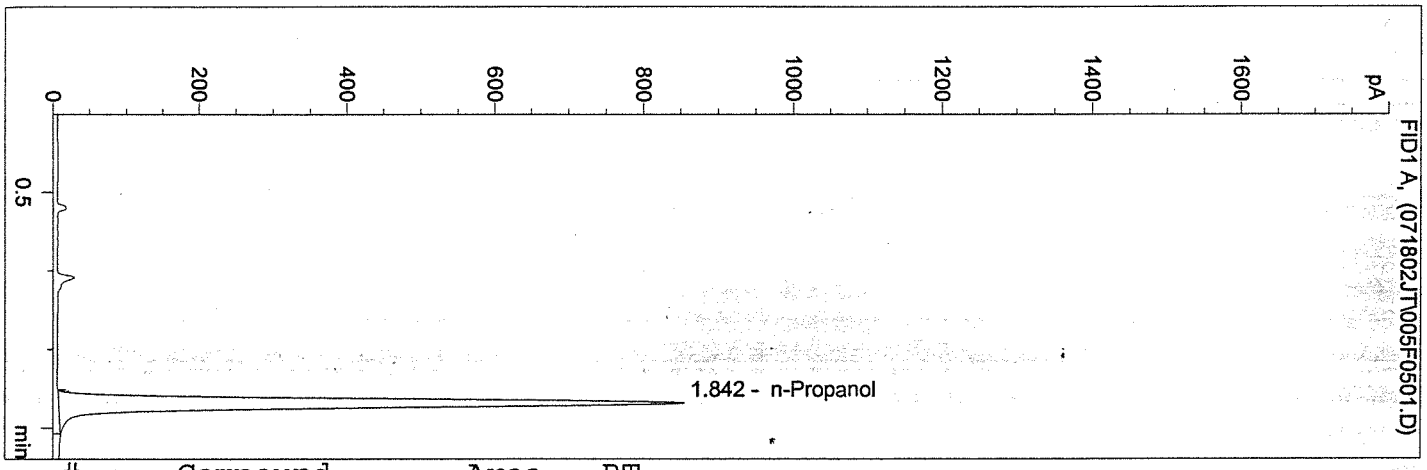
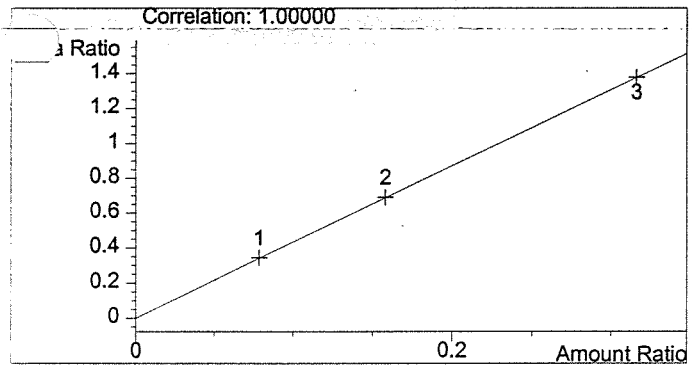
JAYNE THATCHER

vial # 5

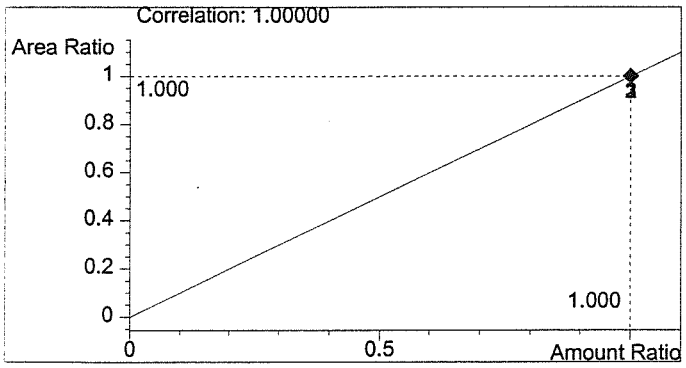


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3291	1.842

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml