WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/ s: KEN DENTON / ROB GULLBERG Date: 1-14-2008

Location: TOX LAB SEATTLE Solution Batch Number: 04001

	YES	NO	N/A
Preparation date precedes all analysis dates:	☒	☐	☐
Data entry corresponds to all chromatograms:	☒	☐	☐
All signatures present on Analysis sheet:	☒	☐	☐
Avg. solution concentration correct?:	☒	☐	☐
Standard deviation correct:	☒	☐	☐
Range correct if applicable:	☒	☐	☐
Equivalent vapor concentration correct?	☒	☐	☐
External Control information correct: (lot # present and future date)	☒	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐	☐
CV% Correct?	☐	☒	☐

Comments:

NO CONTROL CHROMATOGRAM FOR ASA LOVIS

Reviewer Signature: [signature] Date: 1-14-2008

Reviewer Signature: [signature] Date: 1-14-2008

Rev. Date: 12/28/2007

WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
WASHINGTON STATE PATROL
2203 AIRPORT WAY S, SUITE 360
SEATTLE, WASHINGTON 98134-2027
(206) 262-6100 FAX (206) 262-6145

Preparation and certification of **0.08** g/210L **Simulator External Standard solution**

Batch number **04001** Date: 1/16/2004

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

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.101	0.102	0.102	0.102	0.102	0.101	0.103	0.102	0.102	0.102	0.102	
2	0.104	0.103	0.103	0.103	0.102	0.104	0.104	0.103	0.103	0.103	0.103	
3	0.103	0.102	0.103	0.103	0.103	0.104	0.106	0.103	0.103	0.102	0.101	
4	0.102	0.102	0.104	0.104	0.102	0.103	0.105	0.103	0.103	0.102	0.101	
5	0.103	0.103	0.104	0.105	0.102	0.103	0.104	0.103	0.103	0.103	0.101	
Ctrl	0.100	0.100	0.100	0.101	0.100	0.100	0.101	0.101	0.101	0.100	0.098	

RAS 1-14-08

External Control:

Lot #: A024546 Exp date: 09/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1028 g/100 mL

SD: 0.00104

Range (3xSD): 0.0997 to 0.1059

Precision CV (%): ~~1.0117~~ 1.0151 %

Equivalent vapor concent.: 0.0836 g/210L

Analyst	Name	Signature	Date
1	Jayne E. Thatcher	Jayne E. Thatcher	01/16/04
2	Mary E Wilson		01/20/04
3	Naziha Nuwayhid, PhD		01/21/04
4	Asa Louis		~~01/23/04~~ 1-22-04 RAS
5	Estuardo J. Miranda		01/23/04
6	William P Marshall		01/26/04
7	Brian Capron	Brian Capron	01/27/04
8	Kari Gruendell		01/27/04
9	Melissa Pemberton		01/29/04
10	Edward Formoso		02/03/04
11	Ann Marie Gordon		02/03/04
12			

Prepared by: Jayne E. Thatcher according to the approved protocol

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/bf
MPSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.
1-15-05

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Asa J. Louis, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry and seven years in Toxicology.

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/bf
AJLSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Jayne E. Thatcher
Jayne E. Thatcher
Forensic Toxicologist

JET/bf
JTSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

Jayne Thatcher 1/18/2008

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Mary E. Wilson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and a minor in Chemistry with two years of experience in toxicology, including one year in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/bf
MEWSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/bf
NNSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

1/15/08

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/bf
EMSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions. 1-15-2008

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

I possess the following qualifications: BS degree in Chemistry and thirty-one years of analytical laboratory experience including fifteen years of toxicology experience.

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/bf
WMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Brian Capron, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and eight years of experience in forensic toxicology.

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Brian Capron
Brian Capron
Forensic Toxicologist

BC/bf
BCSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

Brian Capron 1.15.2008

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Kari D. Gruendell, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and a minor in Chemistry and two years of analytical laboratory experience.

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Kari D. Gruendell
Forensic Toxicologist

KDG/bf
KDGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/bf
EFSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04001, was prepared in the Washington State Toxicology Laboratory on 1/16/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 1/16/05.

Dated: 2/5/04
Seattle, WA

Ann Marie Gordon
Laboratory Manager

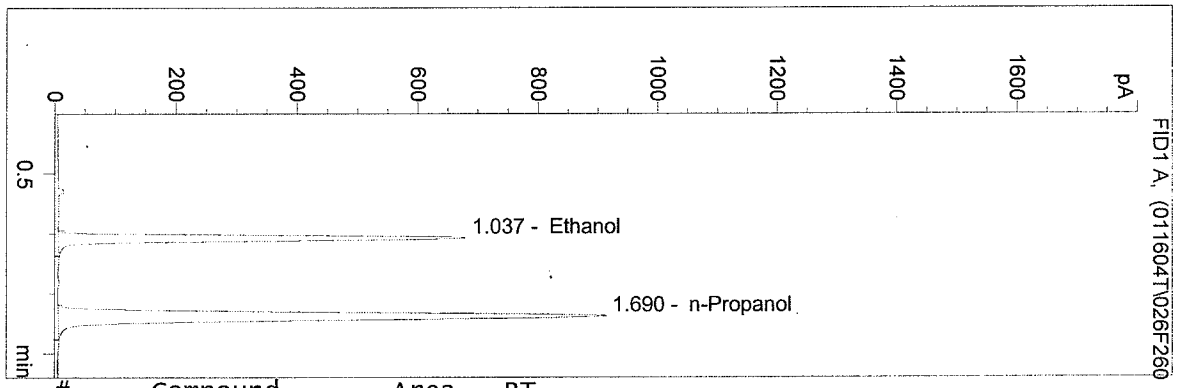
AMG/bf
AGSIMSOL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/16/04 5:29:40 PM
trument 2
ALC1

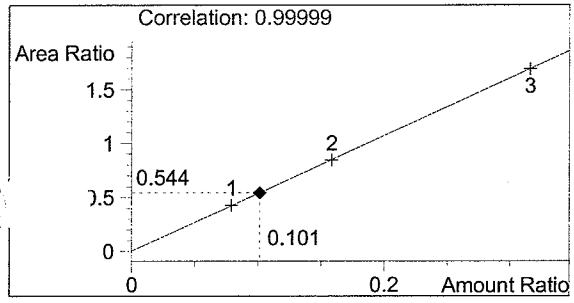
SimSoln 04001
Jayne E. Thatcher

vial # 26

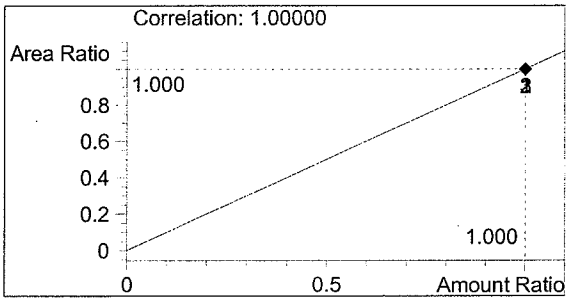


#	Compound	Area	RT
1	Ethanol	2095	1.037
2	n-Propanol	3848	1.690

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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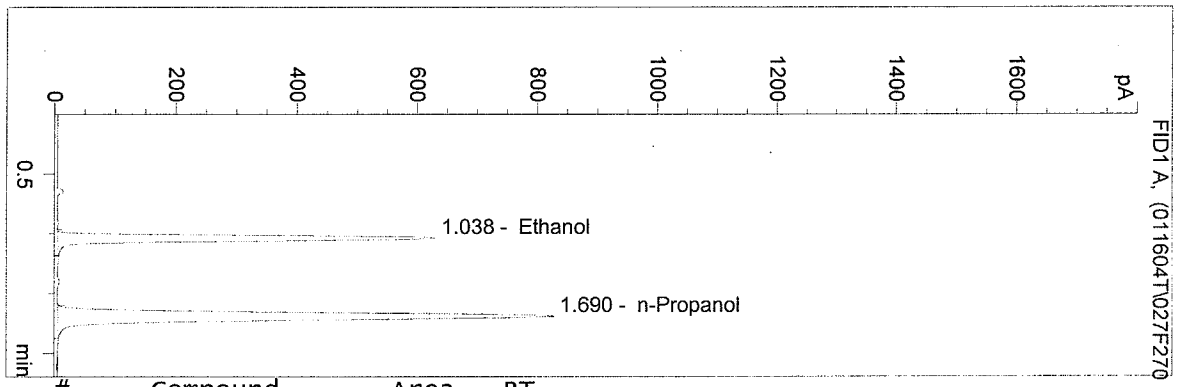
1/16/04 5:32:44 PM
trument 2
ALC1

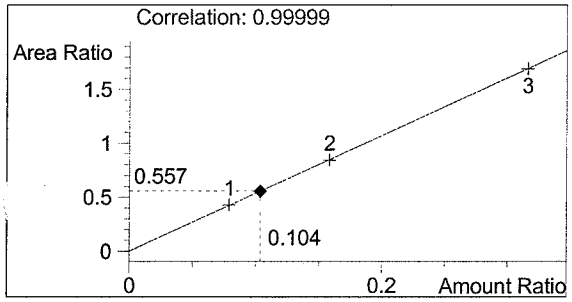
SimSoln 04001
Jayne E. Thatcher

vial # 27

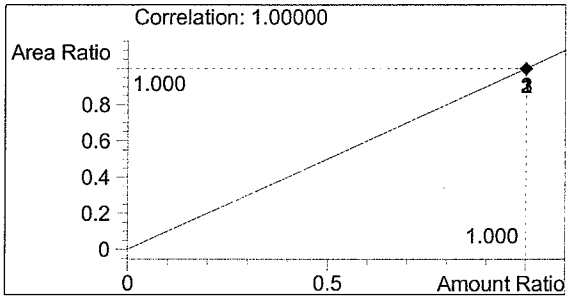


#	Compound	Area	RT
1	Ethanol	1941	1.038
2	n-Propanol	3486	1.690

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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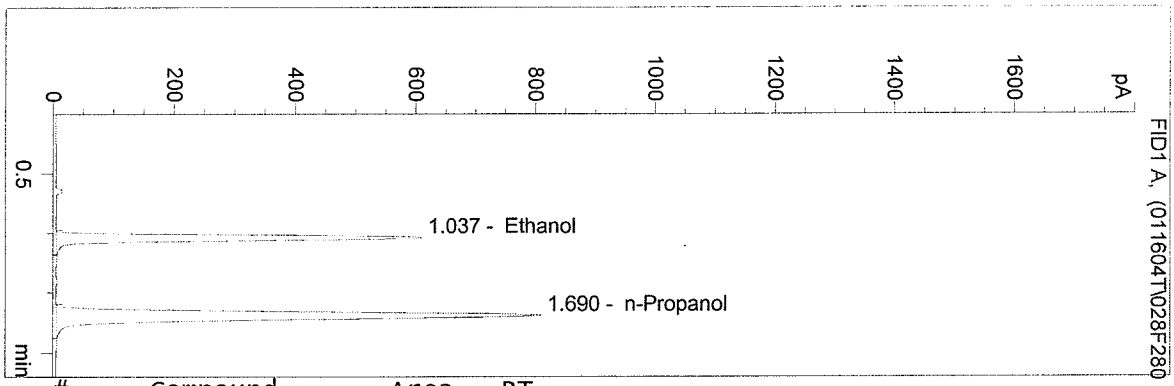
1/16/04 5:35:49 PM
trument 2
ALC1

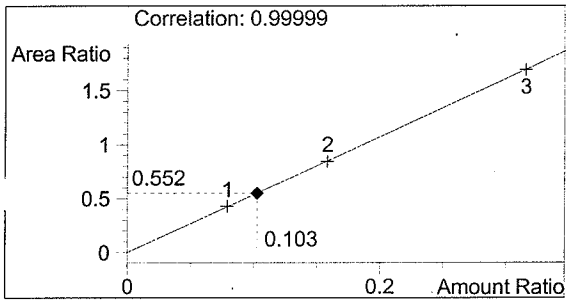
SimSoln 04001
Jayne E. Thatcher

vial # 28

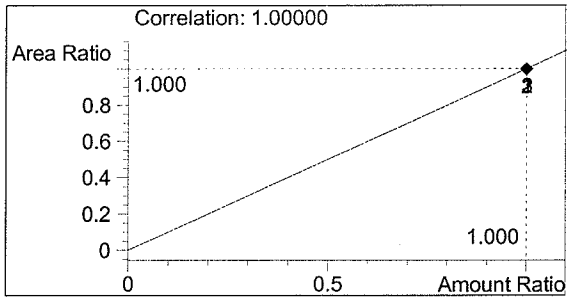


#	Compound	Area	RT
1	Ethanol	1877	1.037
2	n-Propanol	3399	1.690

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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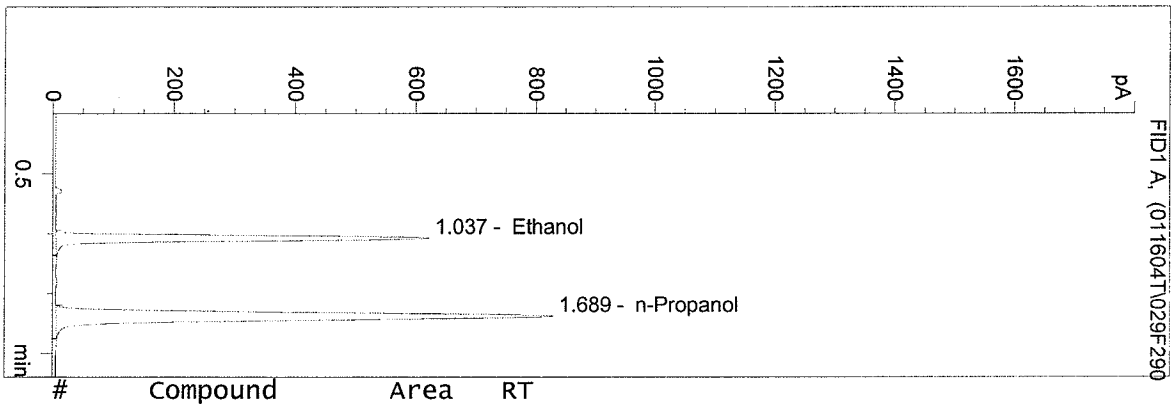
1/16/04 5:38:54 PM
trument 2
ALC1

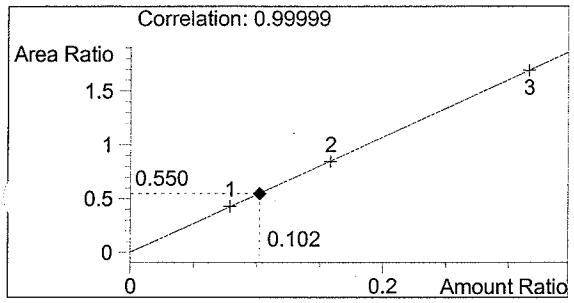
SimSoln 04001
Jayne E. Thatcher

vial # 29

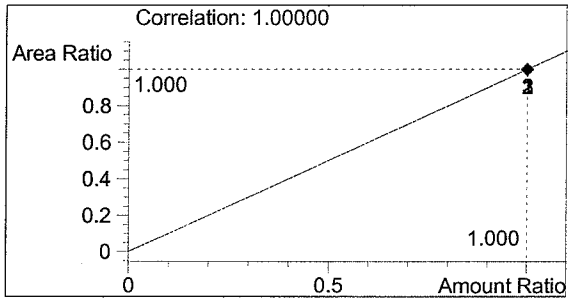


#	Compound	Area	RT
1	Ethanol	1917	1.037
2	n-Propanol	3487	1.689

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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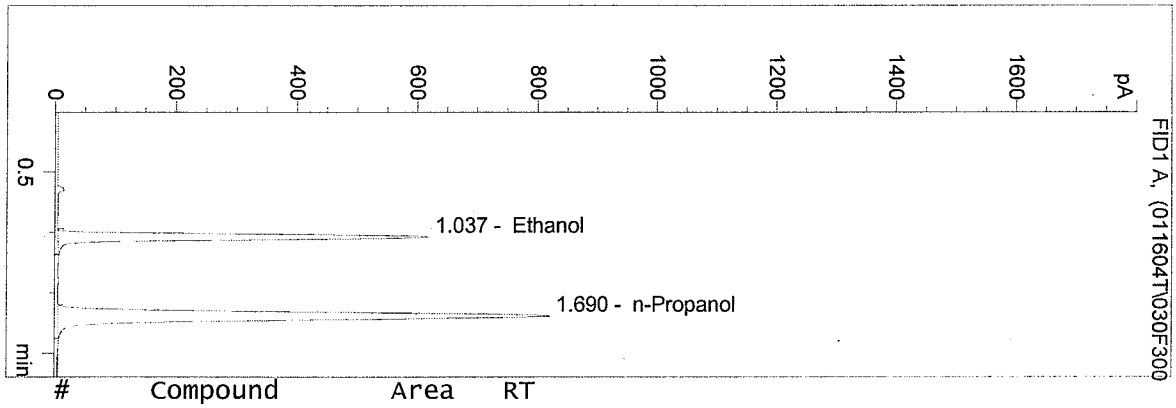
1/16/04 5:41:58 PM
trument 2
ALC1

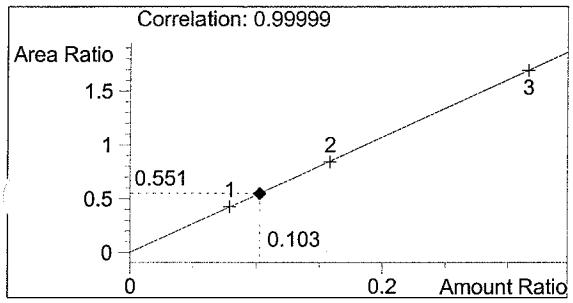
SimSoln 04001
Jayne E. Thatcher

vial # 30

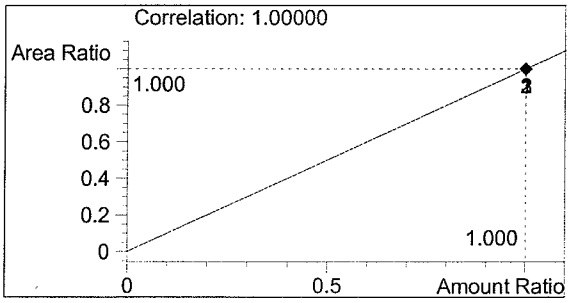


#	Compound	Area	RT
1	Ethanol	1910	1.037
2	n-Propanol	3464	1.690

Totals:



Ethanol 0.103 g/100ml



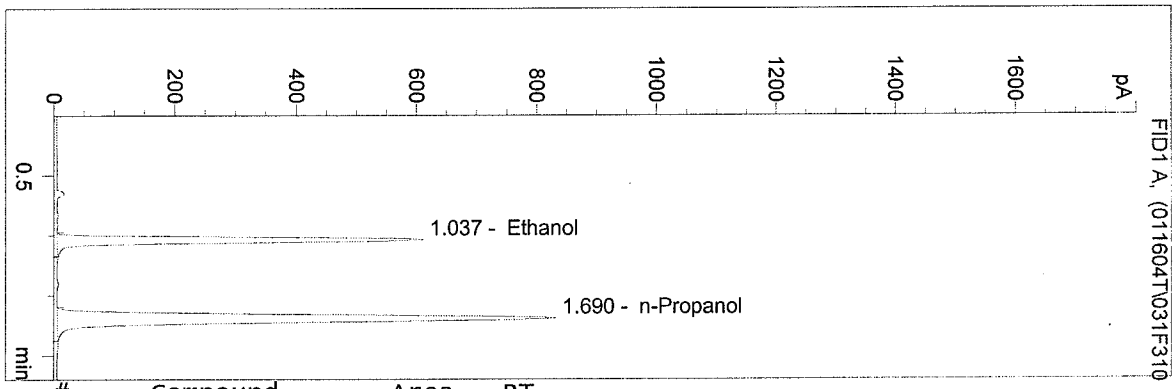
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/16/04 5:45:03 PM
trument 2
ALC1

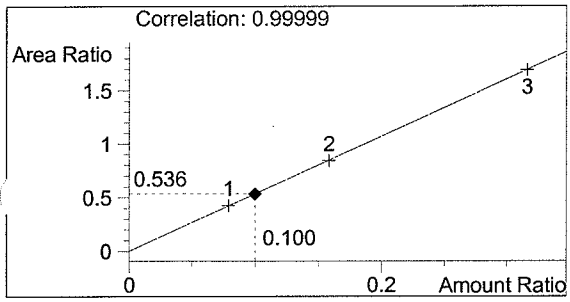
0.10 CONTROL
Jayne E. Thatcher

vial # 31

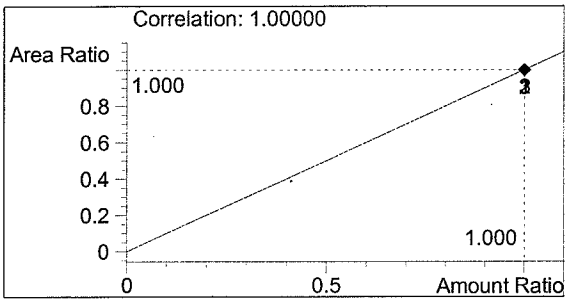


#	Compound	Area	RT
1	Ethanol	1876	1.037
2	n-Propanol	3501	1.690

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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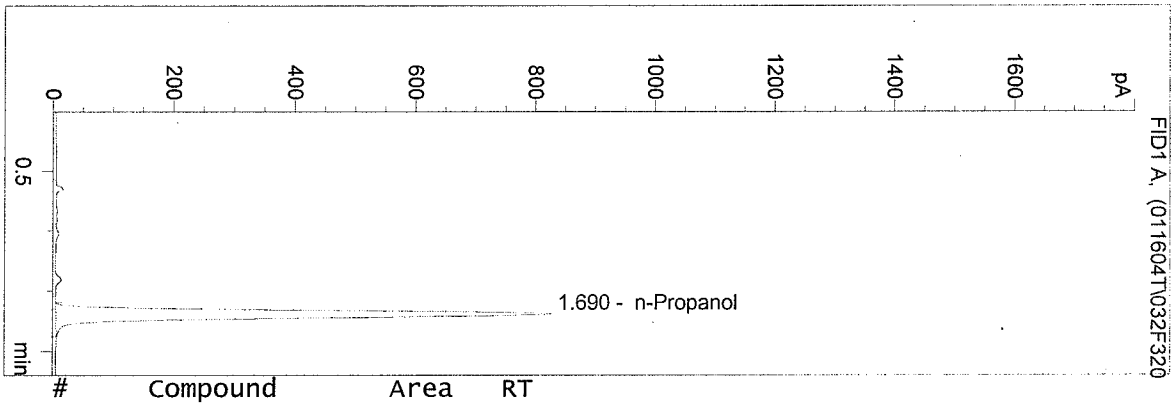
1/16/04 5:48:07 PM
trument 2
ALC1

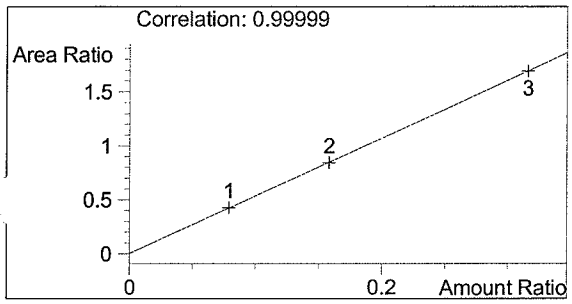
BLANK
Jayne E. Thatcher

vial # 32

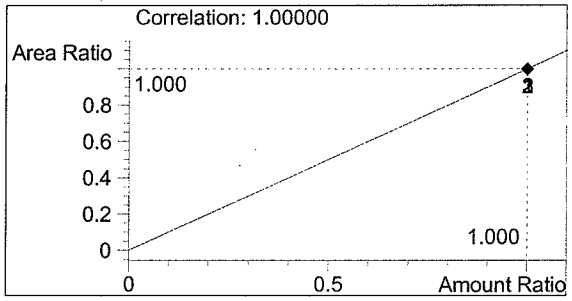


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3480	1.690

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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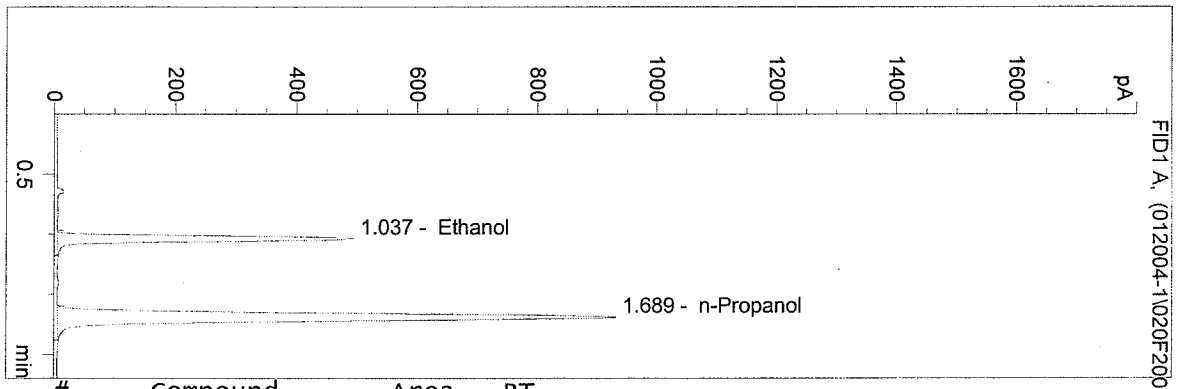
Instrument 2
DP-ALC1

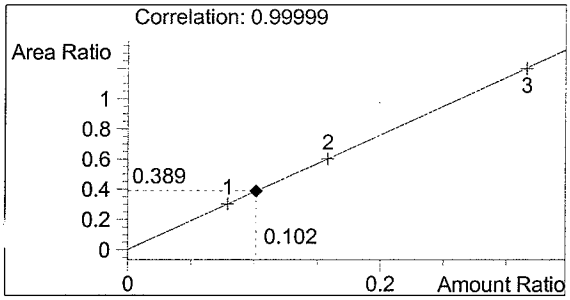
04001SIM SOL
mary wilson

vial # 20

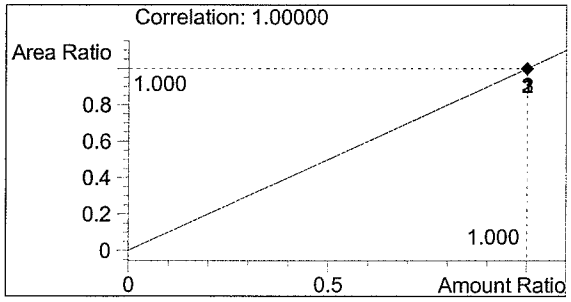


#	Compound	Area	RT
1	Ethanol	1529	1.037
2	n-Propanol	3930	1.689

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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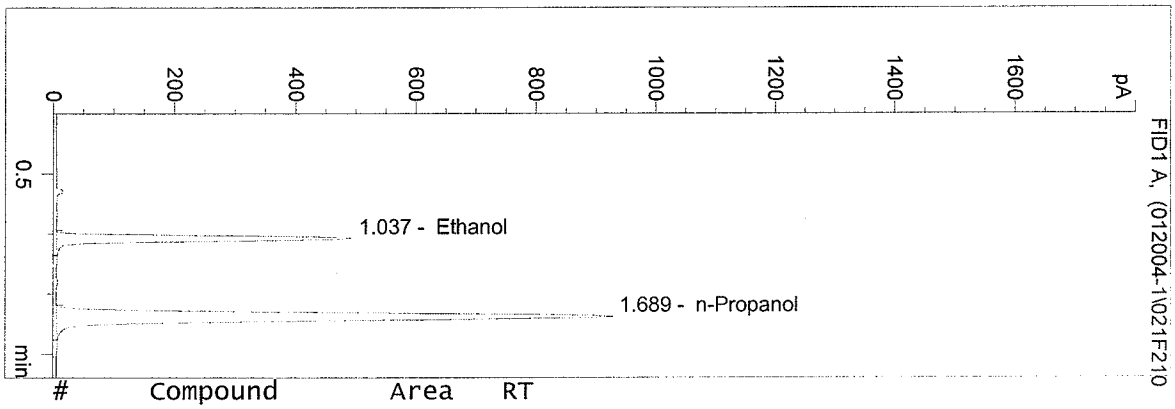
Instrument 2
DB-ALC1

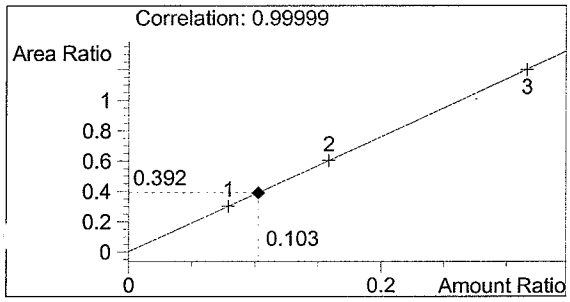
04001SIM SOL
mary wilson

vial # 21

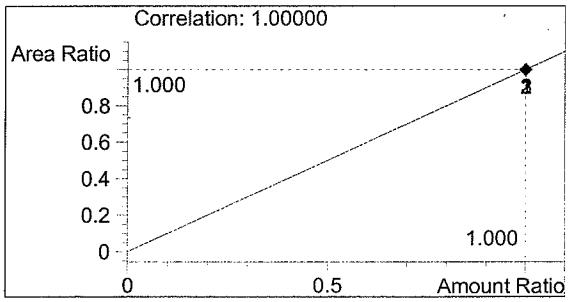


#	Compound	Area	RT
1	Ethanol	1533	1.037
2	n-Propanol	3915	1.689

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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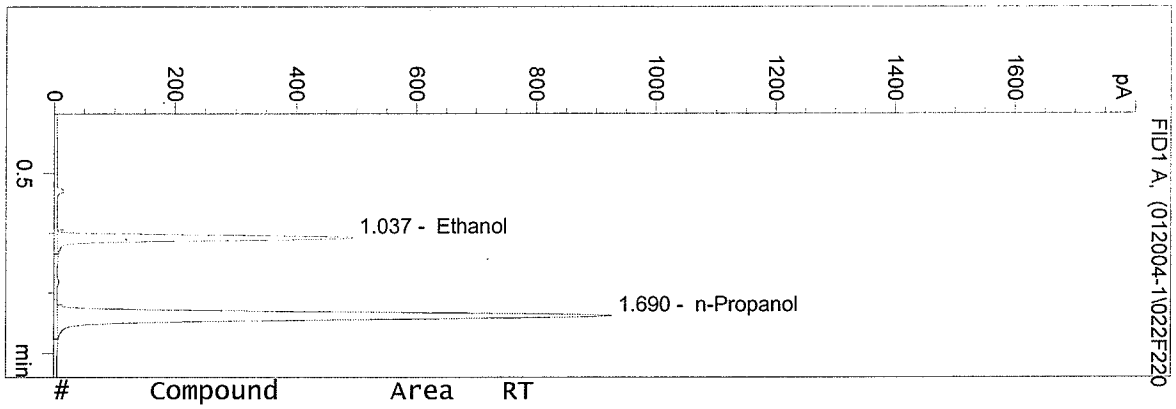
Instrument 2
DB-ALC1

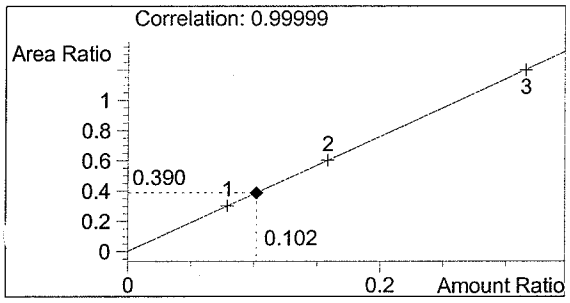
04001SIM SOL
mary wilson

vial # 22

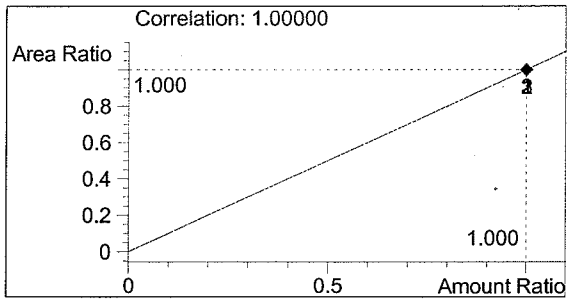


#	Compound	Area	RT
1	Ethanol	1527	1.037
2	n-Propanol	3914	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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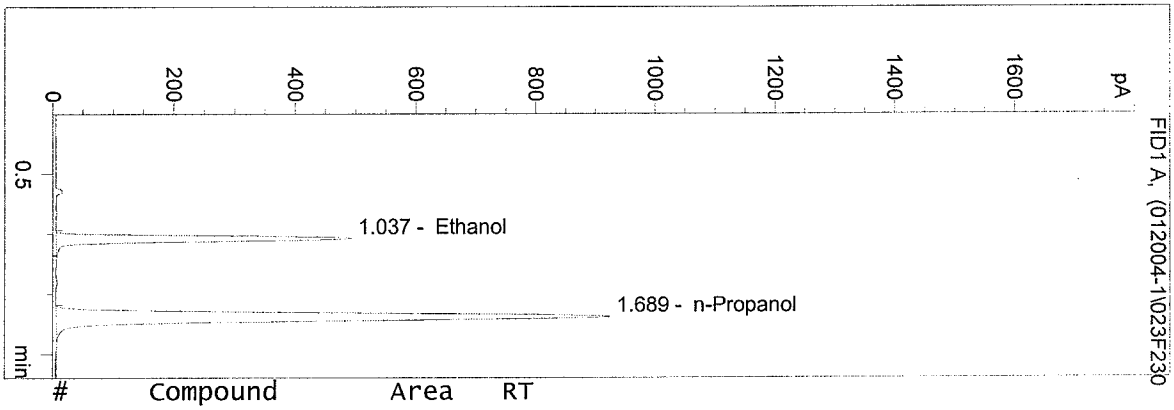
1/20/04 12:02:14 PM
Instrument 2
DB-ALC1

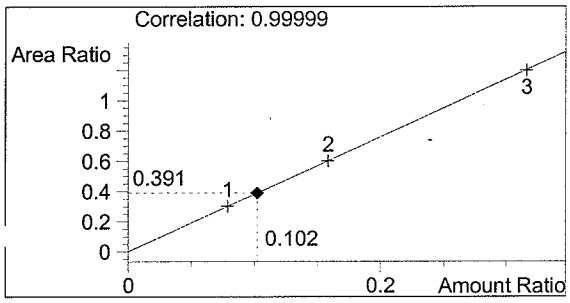
04001SIM SOL
mary wilson

vial # 23

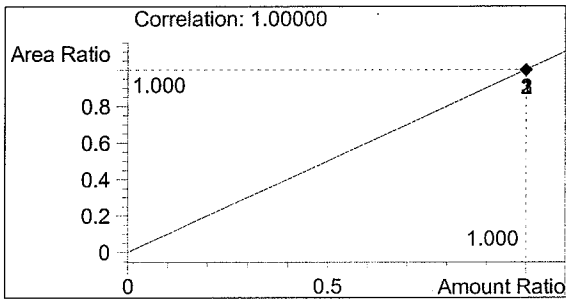


#	Compound	Area	RT
1	Ethanol	1531	1.037
2	n-Propanol	3916	1.689

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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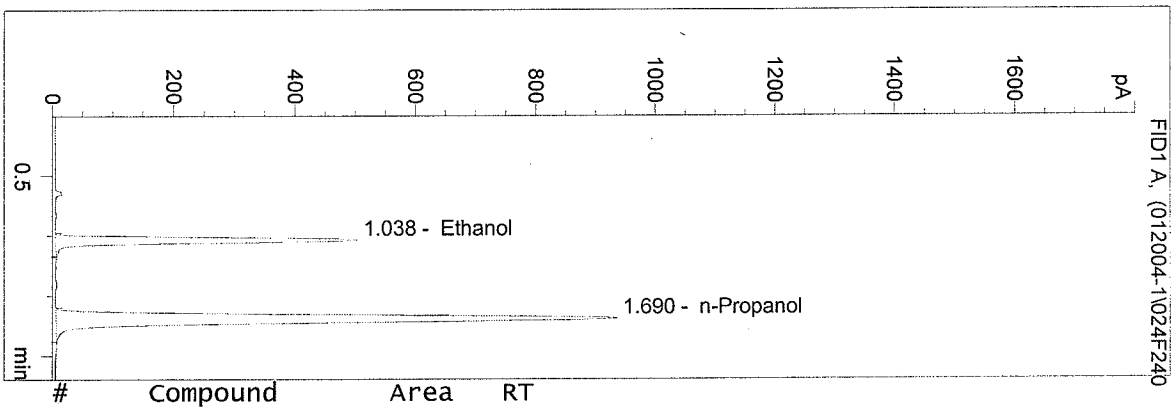
Instrument 2
DB-ALC1

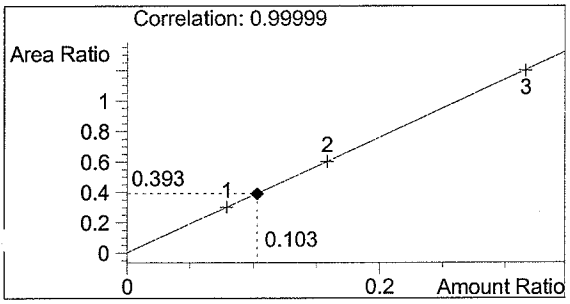
04001SIM SOL
mary wilson

vial # 24

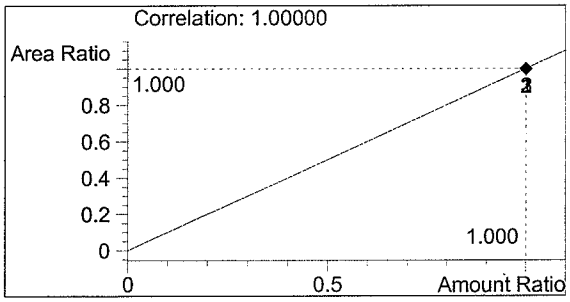


#	Compound	Area	RT
1	Ethanol	1552	1.038
2	n-Propanol	3954	1.690

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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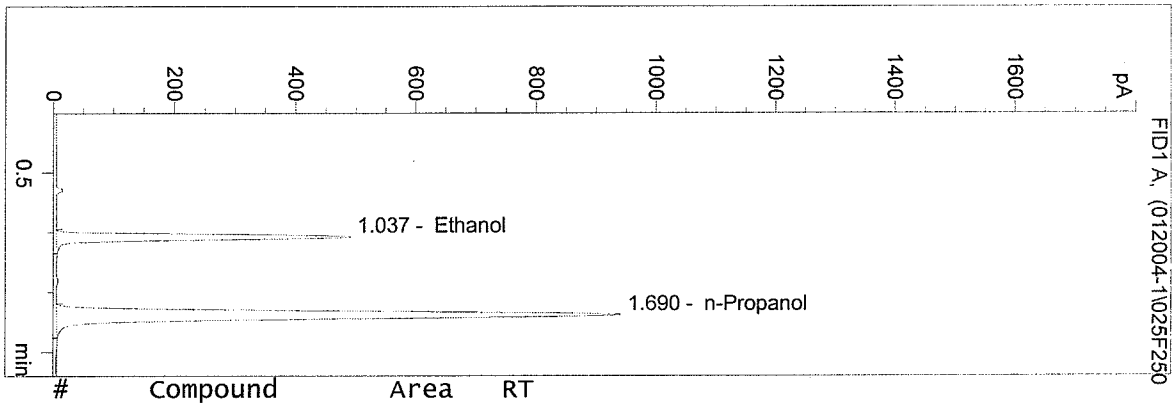
Instrument 2
DB-ALC1

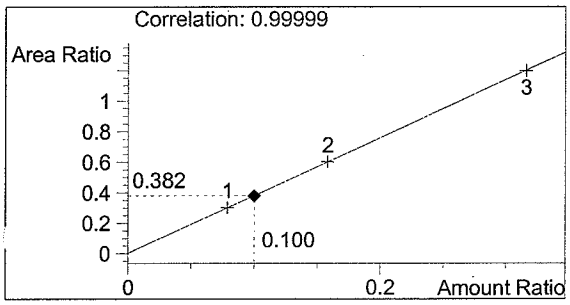
0.10CTL
mary wilson

vial # 25

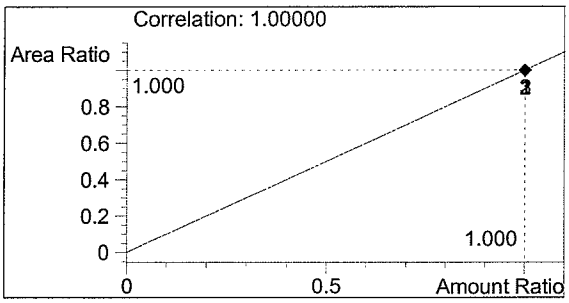


#	Compound	Area	RT
1	Ethanol	1522	1.037
2	n-Propanol	3985	1.690

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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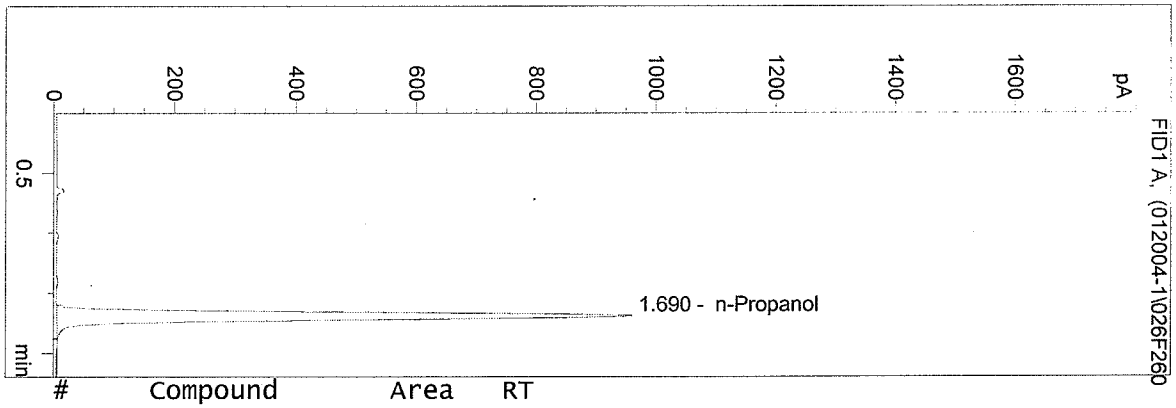
Instrument 2
ALC1

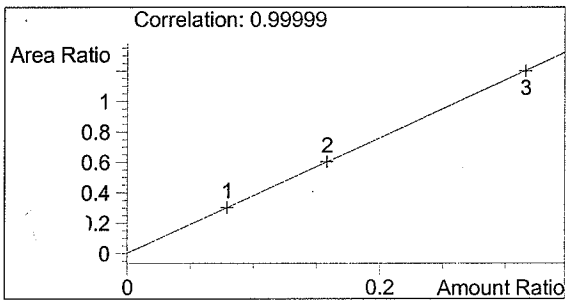
BLANK
mary wilson

vial # 26

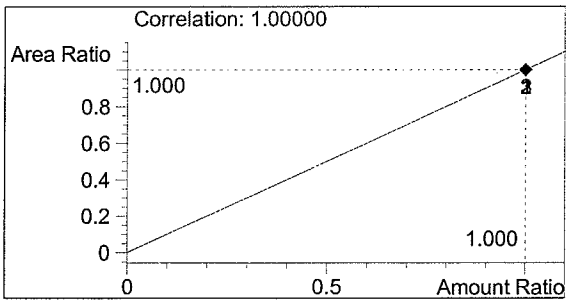


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4059	1.690

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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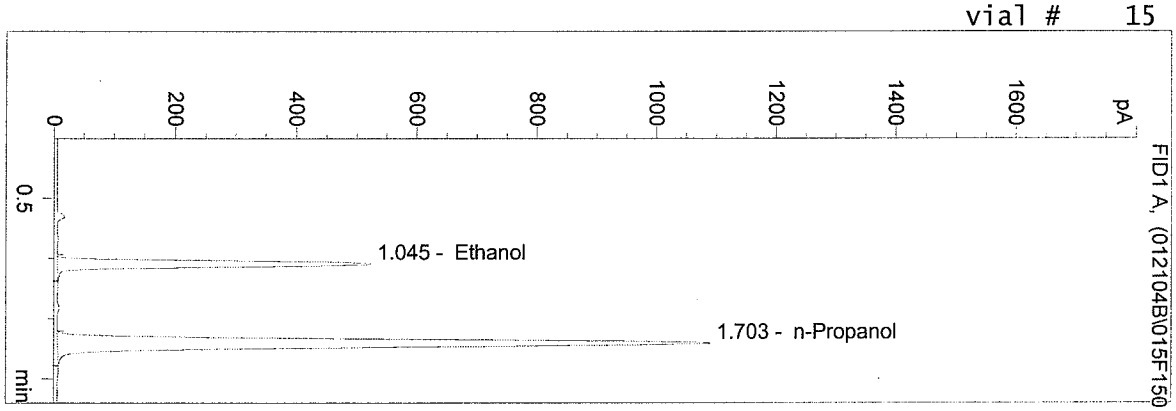
Instrument 1
DP-ALC1

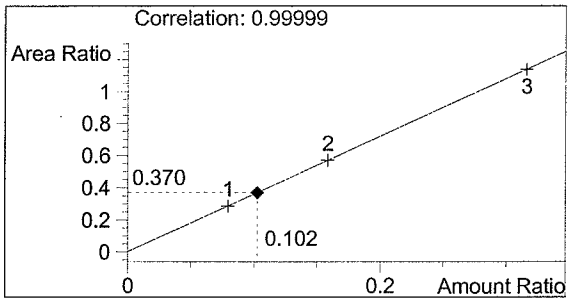
04001 sim-1
N Nuwayhid, PhD

vial # 15

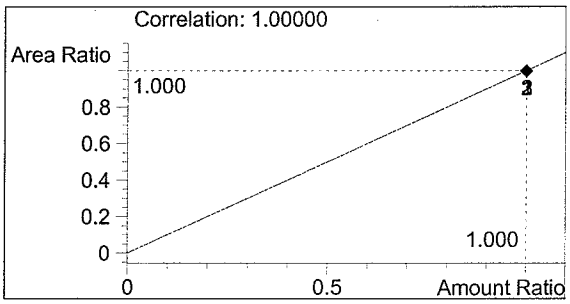


#	Compound	Area	RT
1	Ethanol	1774	1.045
2	n-Propanol	4794	1.703

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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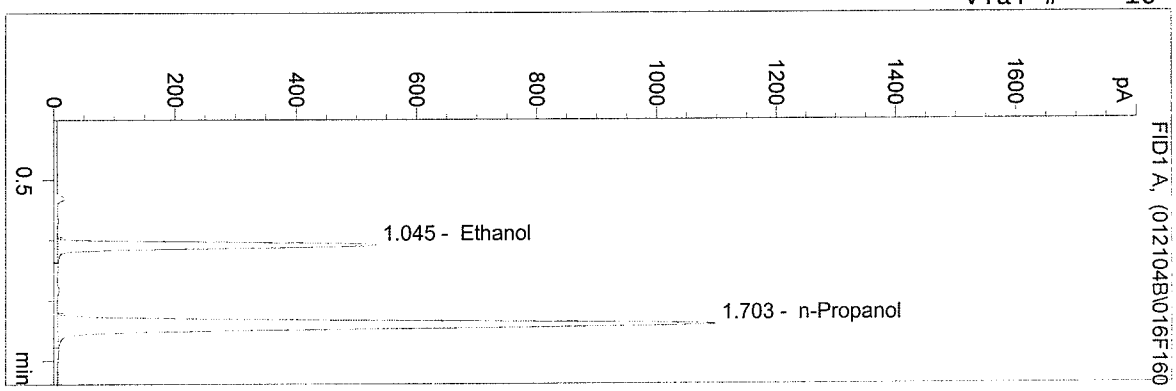
Instrument 1
DP-ALC1

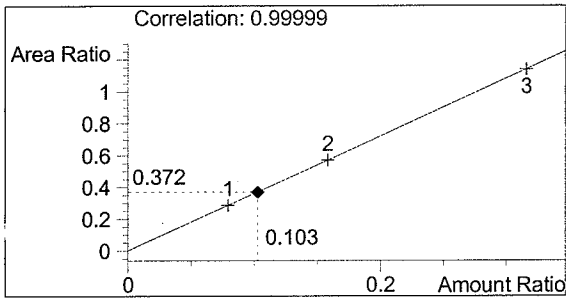
04001 sim-2
N Nuwayhid, PhD

vial # 16

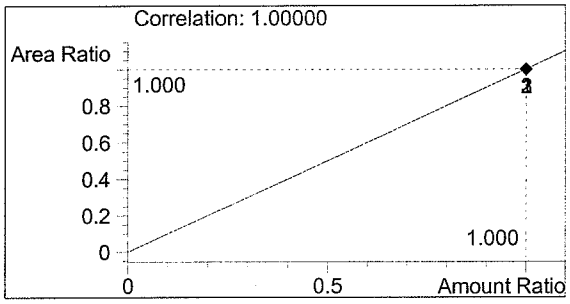


#	Compound	Area	RT
1	Ethanol	1785	1.045
2	n-Propanol	4803	1.703

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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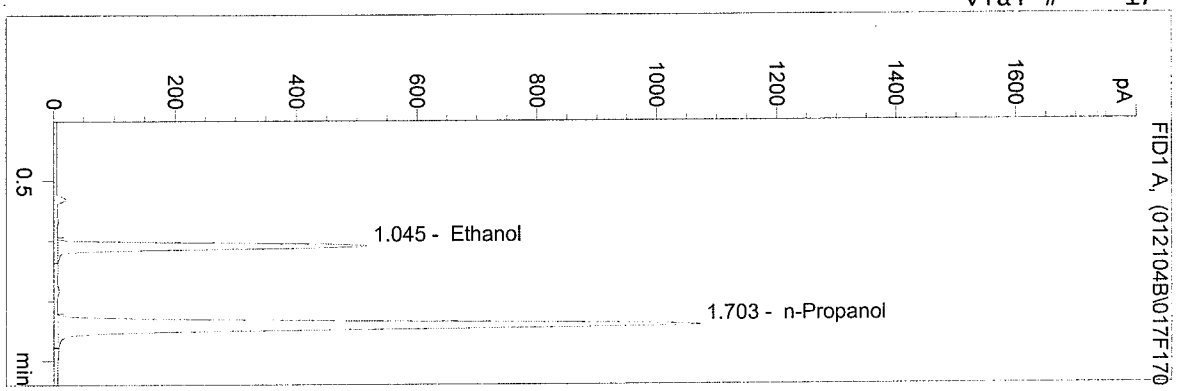
Instrument 1
P-ALC1

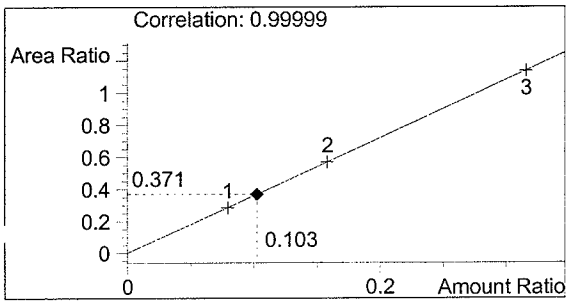
04001 sim-3
N Nuwayhid, PhD

vial # 17

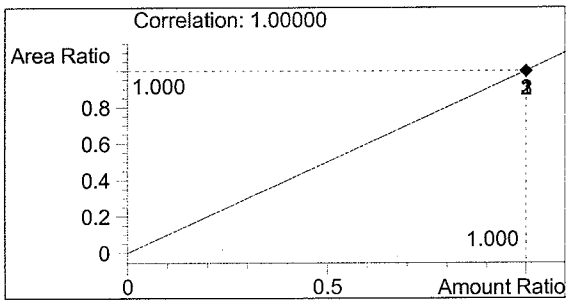


#	Compound	Area	RT
1	Ethanol	1742	1.045
2	n-Propanol	4692	1.703

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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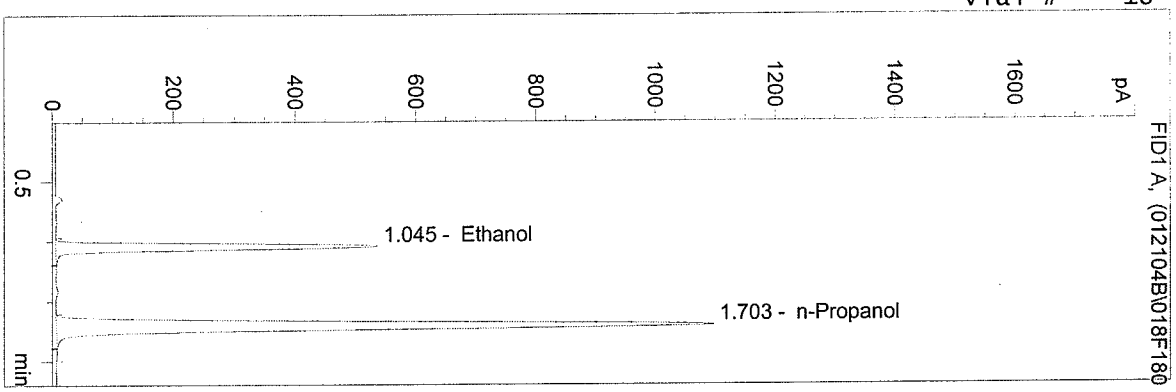
Instrument 1
P-ALC1

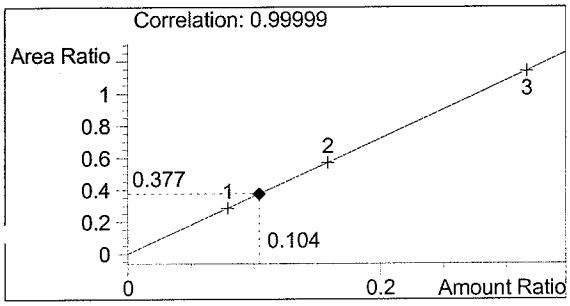
04001 sim-4
N Nuwayhid, PhD

vial # 18

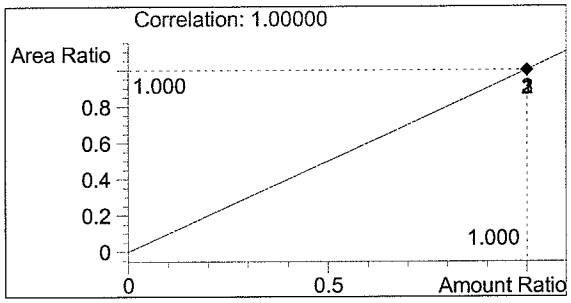


#	Compound	Area	RT
1	Ethanol	1813	1.045
2	n-Propanol	4811	1.703

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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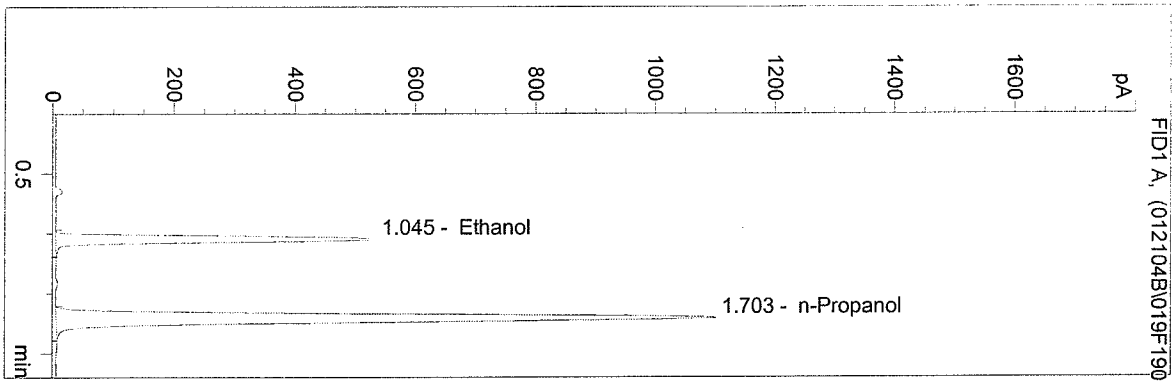
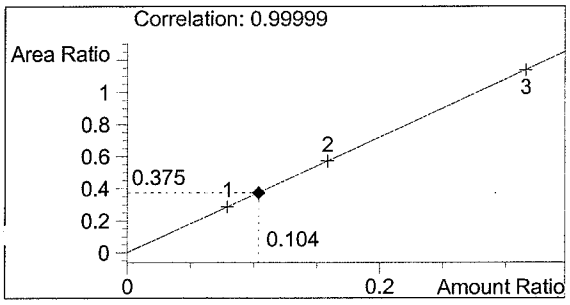
Instrument 1
DP-ALC1

04001 sim-5
N Nuwayhid, PhD

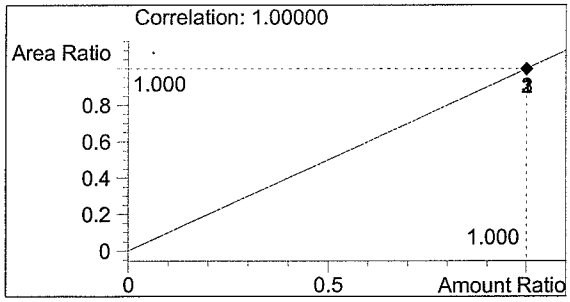
vial # 19



#	Compound	Area	RT
1	Ethanol	1816	1.045
2	n-Propanol	4837	1.703
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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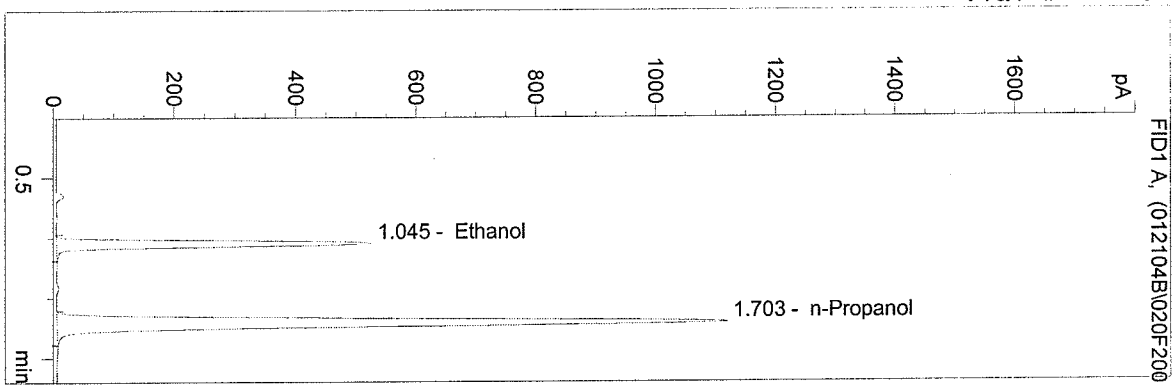
Instrument 1
DR-ALC1

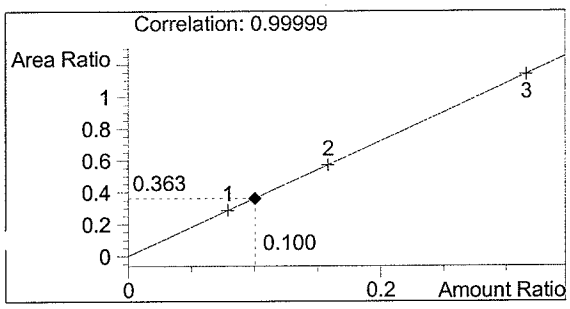
0.100 Ctrl
N Nuwayhid, PhD

vial # 20

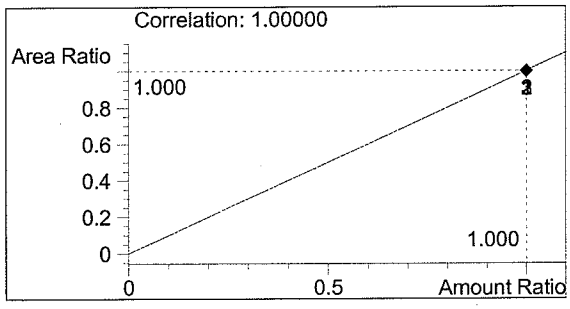


#	Compound	Area	RT
1	Ethanol	1783	1.045
2	n-Propanol	4904	1.703

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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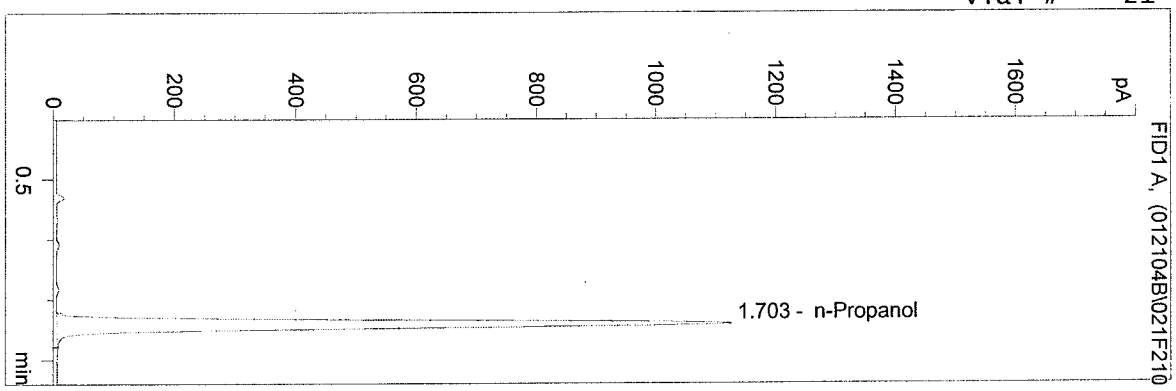
Instrument 1
DB-ALC1

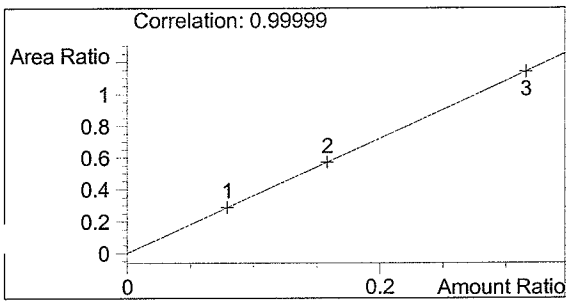
Blank
N Nuwayhid, PhD

vial # 21

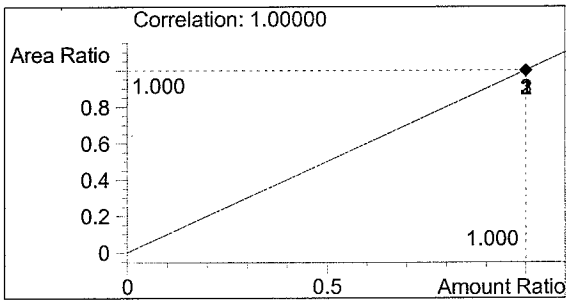


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4951	1.703

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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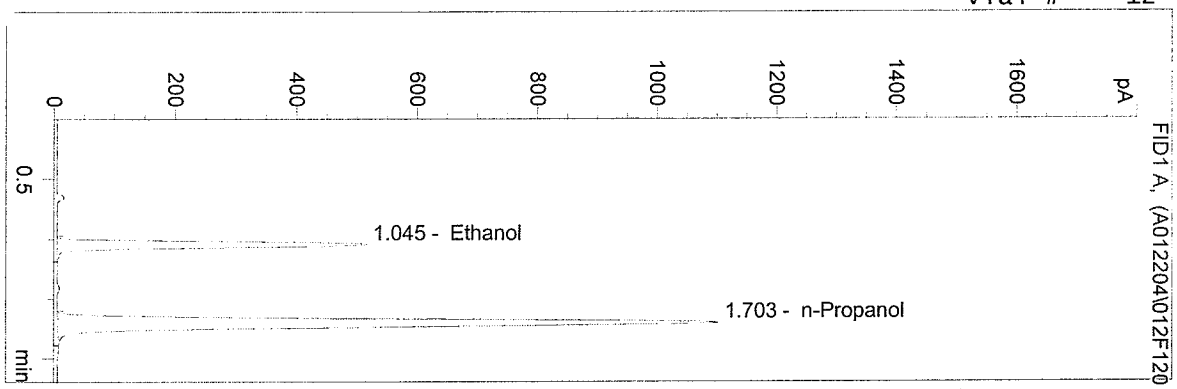
Instrument 1
DR-ALC1

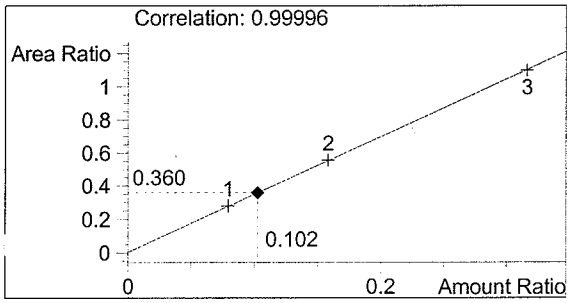
04001a
alouis

vial # 12

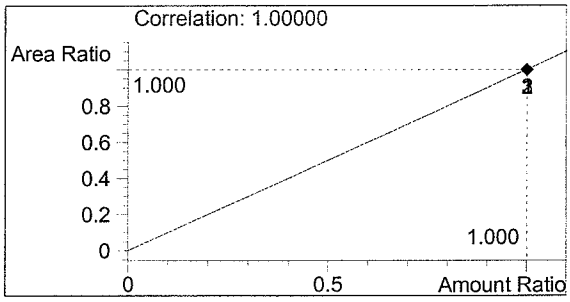


#	Compound	Area	RT
1	Ethanol	1738	1.045
2	n-Propanol	4831	1.703

Totals:



Ethanol 0.102 g/100ml



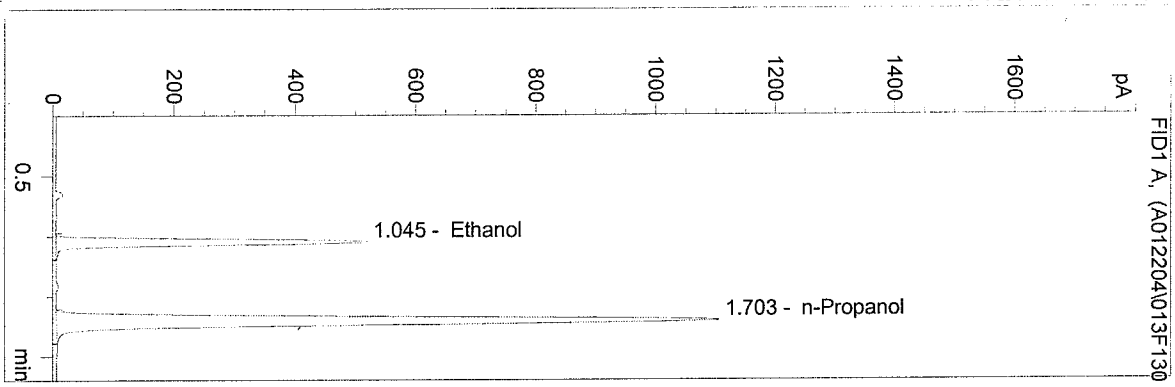
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/22/04 12:49:21 PM
Instrument 1
DR-ALC1

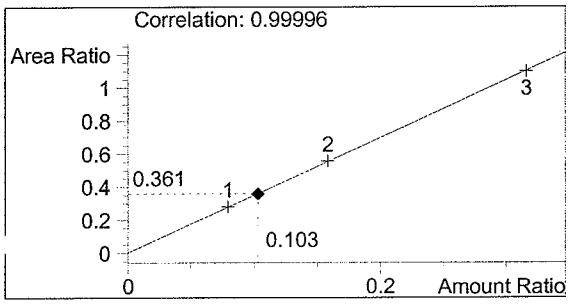
04001b
alouis

vial # 13

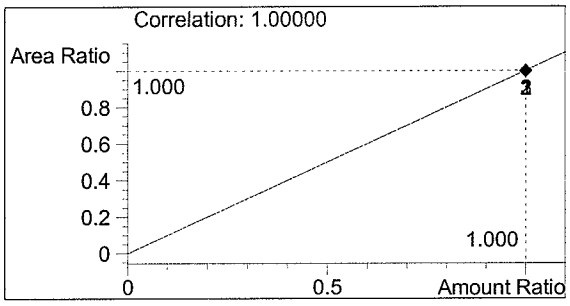


#	Compound	Area	RT
1	Ethanol	1749	1.045
2	n-Propanol	4840	1.703

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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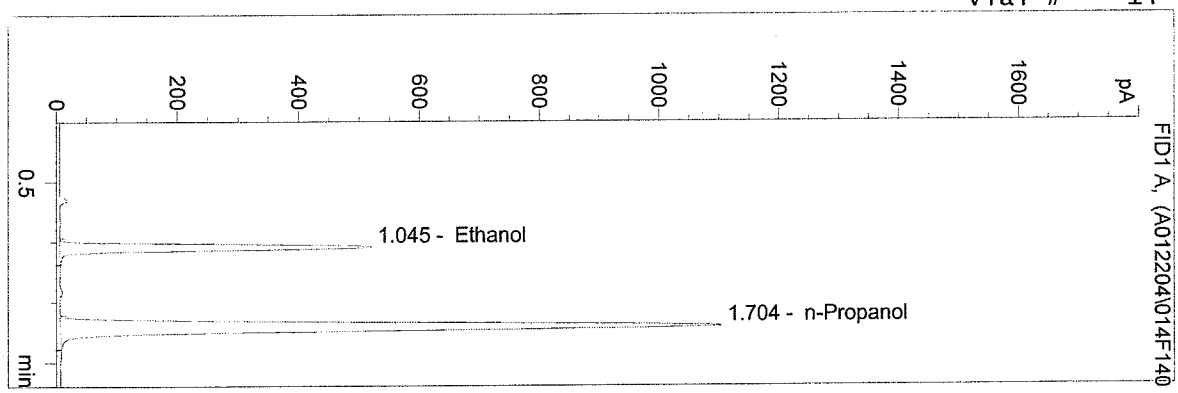
Instrument 1
DB-ALC1

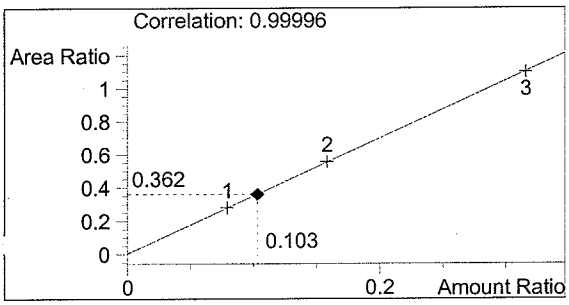
04001c
alouis

vial # 14

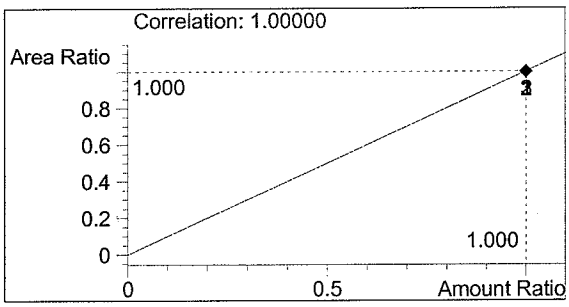


#	Compound	Area	RT
1	Ethanol	1751	1.045
2	n-Propanol	4834	1.704

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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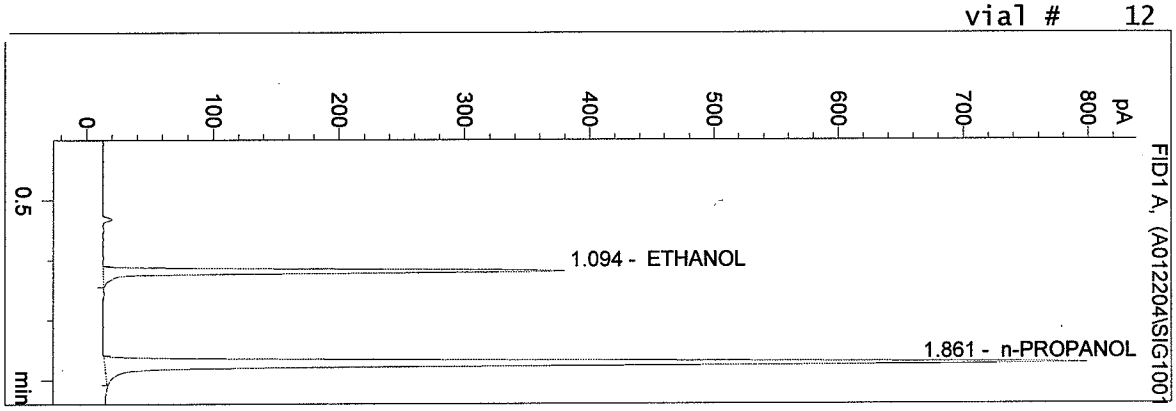
Instrument 3

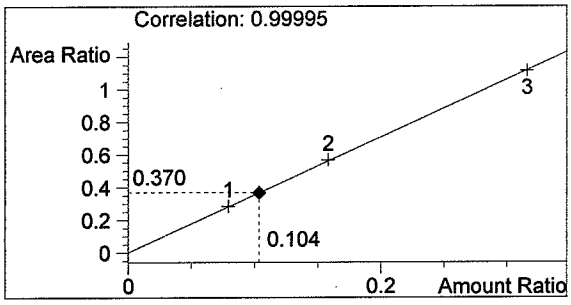
04001d
alouis

vial # 12

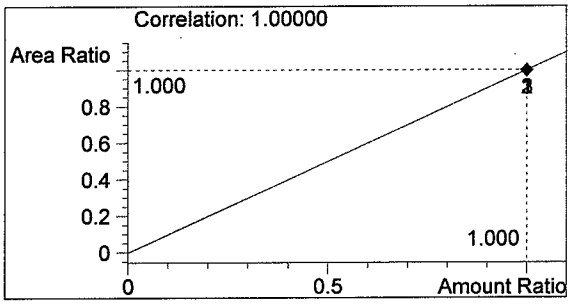


#	Compound	Area	RT
1	ETHANOL	876	1.094
2	n-PROPANOL	2366	1.861

Totals:



ETHANOL 0.104 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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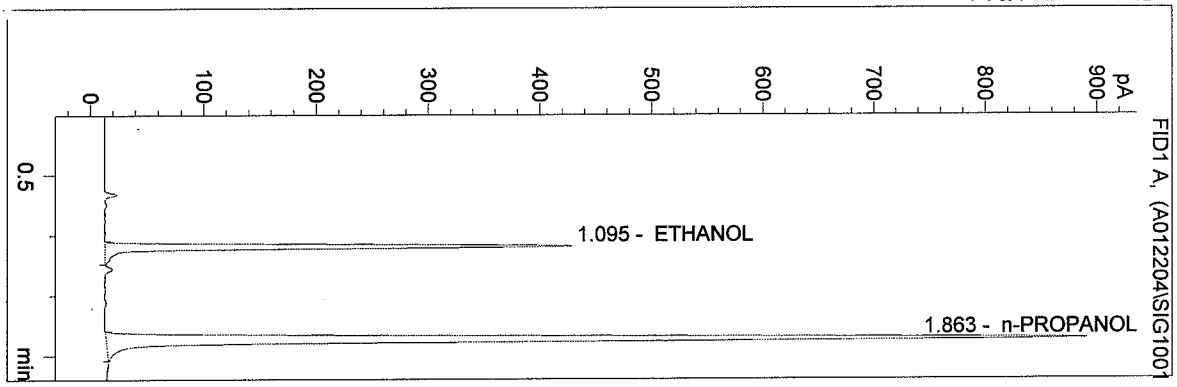
1/23/04 7:55:20 AM
Instrument 3

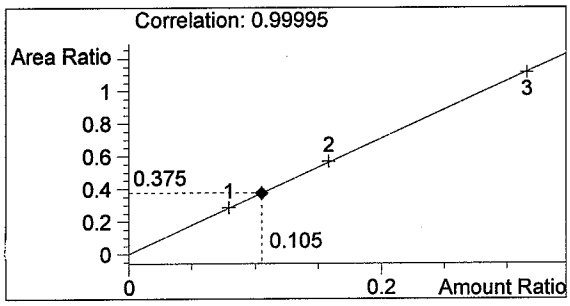
04001e
alouis

vial # 13

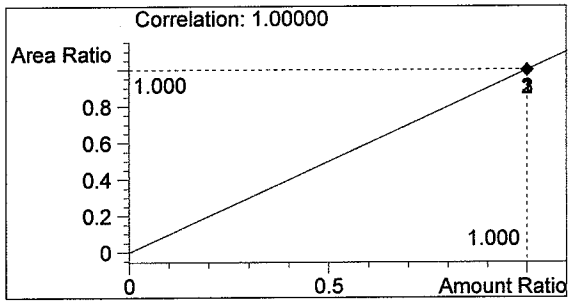


#	Compound	Area	RT
1	ETHANOL	981	1.095
2	n-PROPANOL	2612	1.863

Totals:



ETHANOL 0.105 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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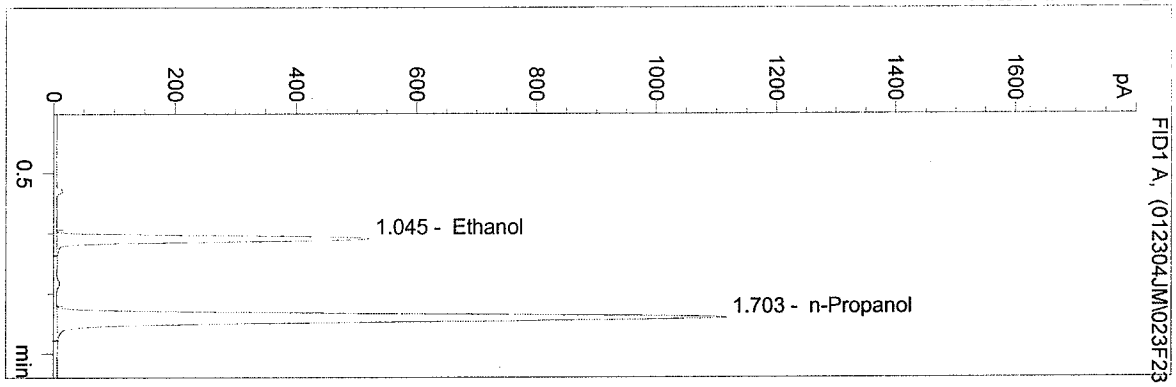
1/23/04 6:02:42 PM
Instrument 1
D?-ALC1

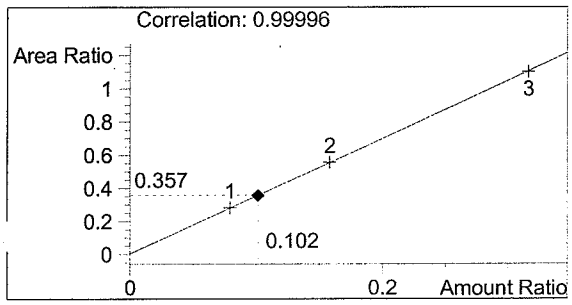
Sim. Sol. 04001
Estuardo J. Miranda

vial # 23



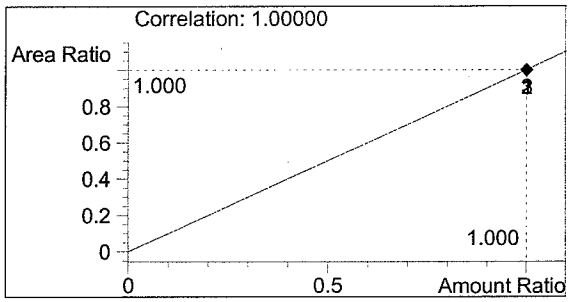
#	Compound	Area	RT
1	Ethanol	1746	1.045
2	n-Propanol	4885	1.703

Totals:



Ethanol 0.102 g/100ml

EW
1-15-2008



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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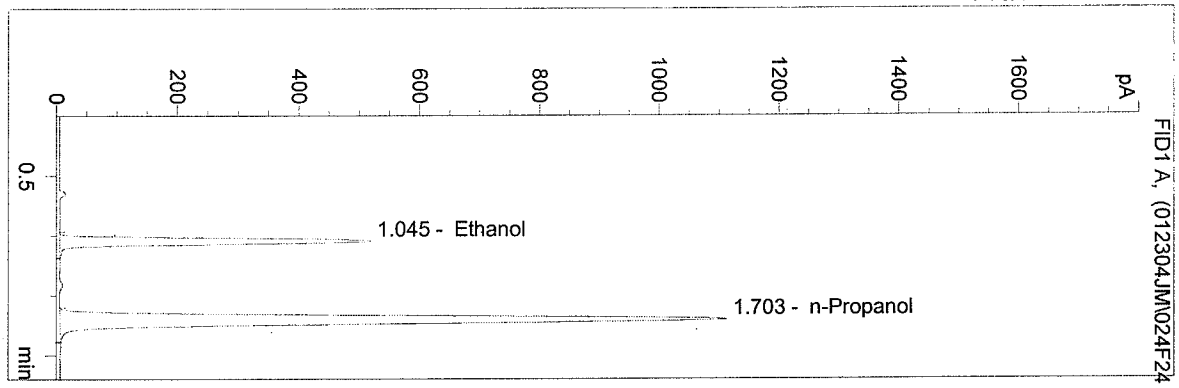
1/23/04 6:05:46 PM
Instrument 1
DB-ALC1

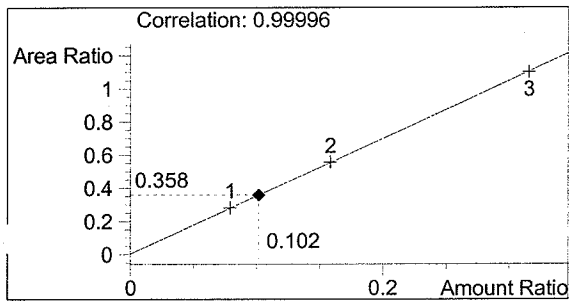
Sim. Sol. 04001
Estuardo J. Miranda

vial # 24



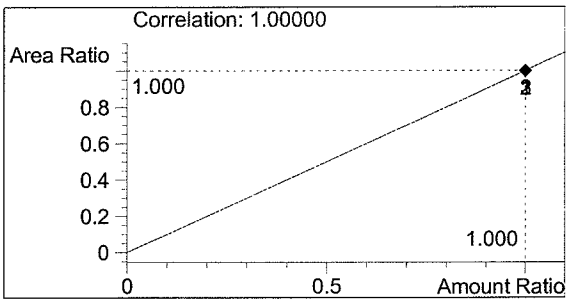
#	Compound	Area	RT
1	Ethanol	1743	1.045
2	n-Propanol	4865	1.703

Totals:



Ethanol 0.102 g/100ml

EM
1-15-2008



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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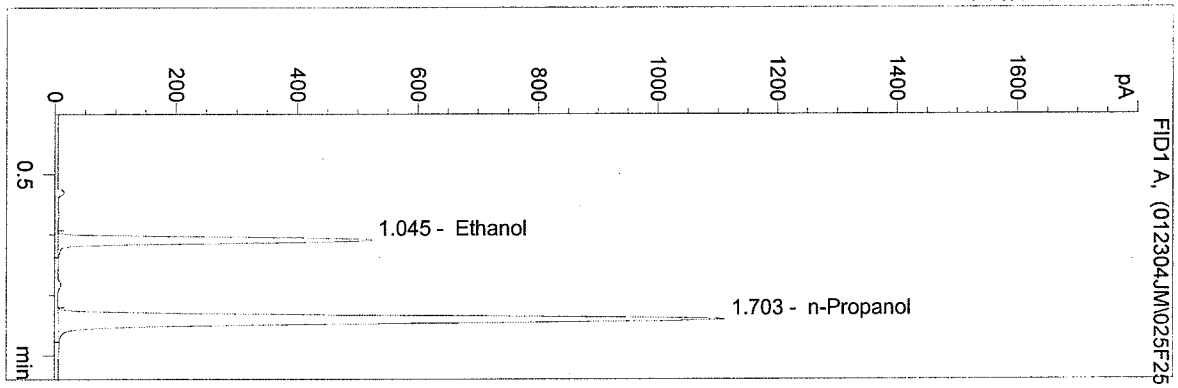
Instrument 1
DR-ALC1

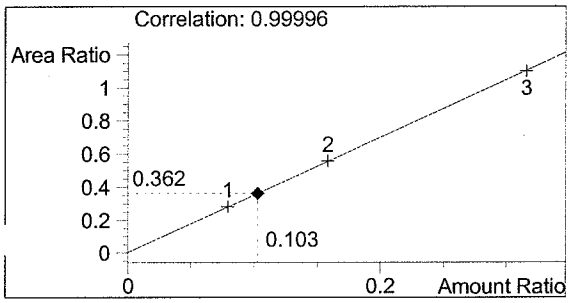
Sim. Sol. 04001
Estuardo J. Miranda

vial # 25



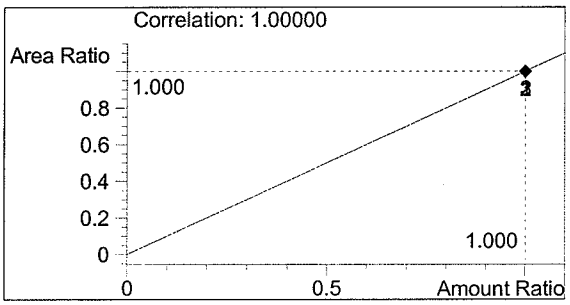
#	Compound	Area	RT
1	Ethanol	1760	1.045
2	n-Propanol	4859	1.703

Totals:



Ethanol 0.103 g/100ml

EM
1-15-2008



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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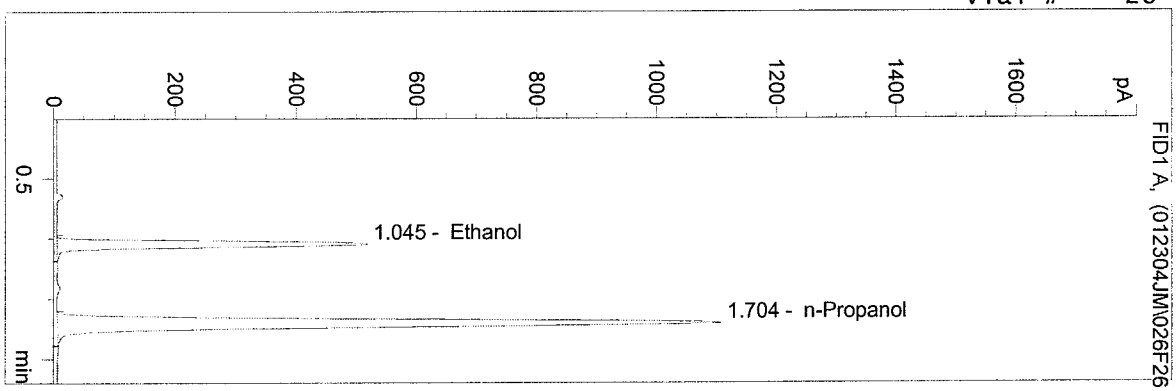
1/23/04 6:11:55 PM
Instrument 1
DB-ALC1

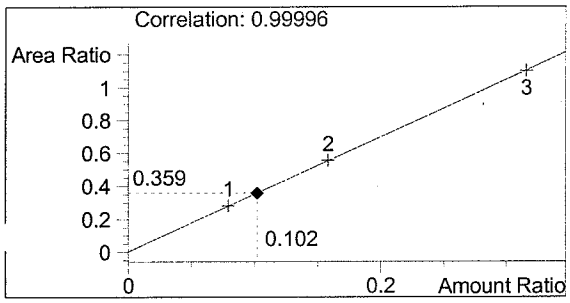
Sim. Sol. 04001
Estuardo J. Miranda

vial # 26



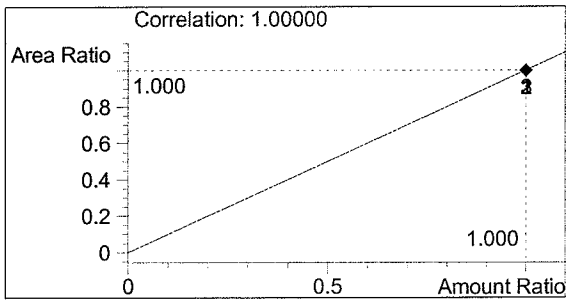
#	Compound	Area	RT
1	Ethanol	1738	1.045
2	n-Propanol	4836	1.704

Totals:



Ethanol 0.102 g/100ml

EM
1-15-2008



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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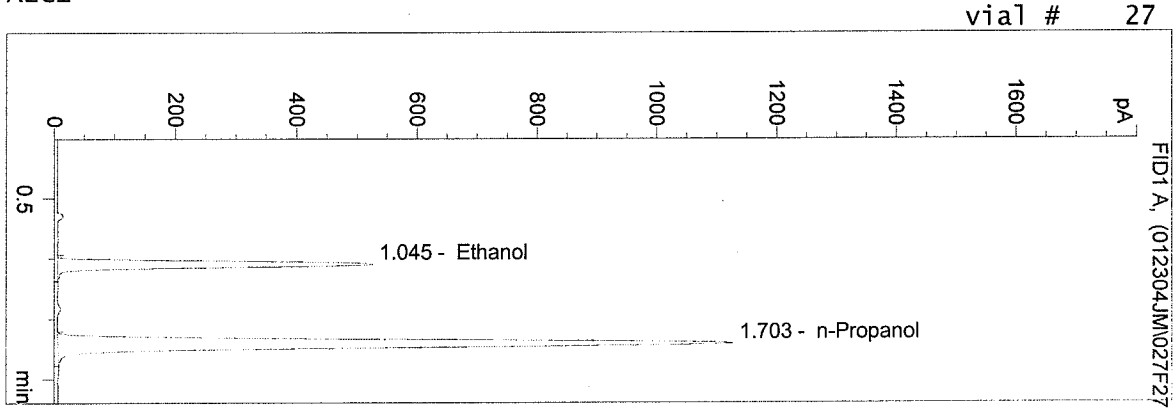
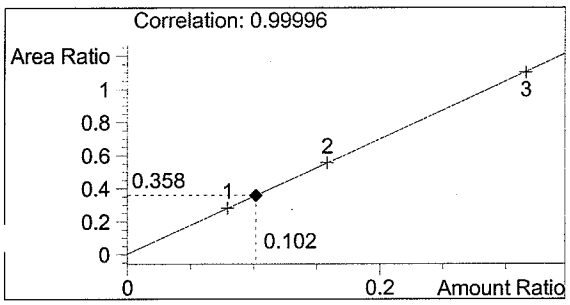
Instrument 1
DB-ALC1

Sim. Sol. 04001
Estuardo J. Miranda

vial # 27

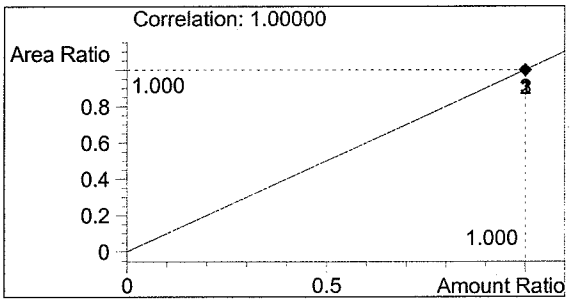


#	Compound	Area	RT
1	Ethanol	1773	1.045
2	n-Propanol	4945	1.703
Totals:			



Ethanol 0.102 g/100ml

EM
1-15-2008



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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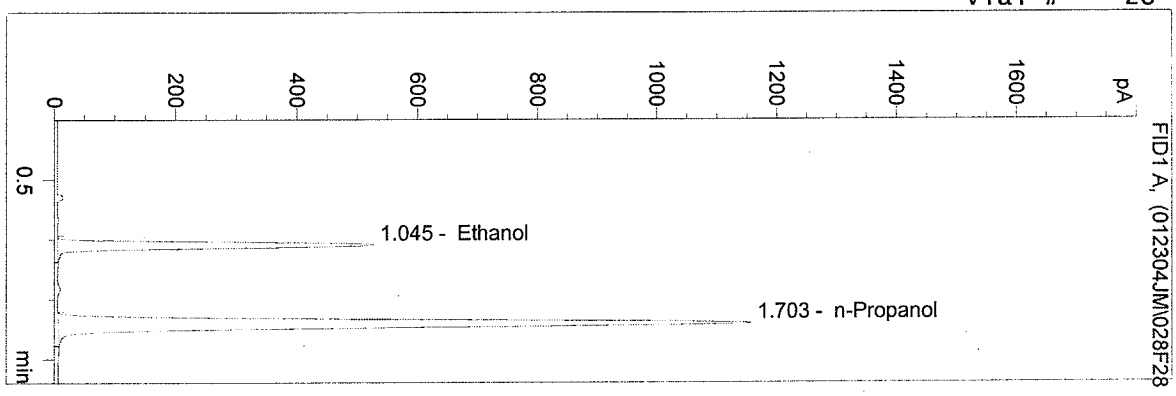
1/23/04 6:18:05 PM
Instrument 1
DP-ALC1

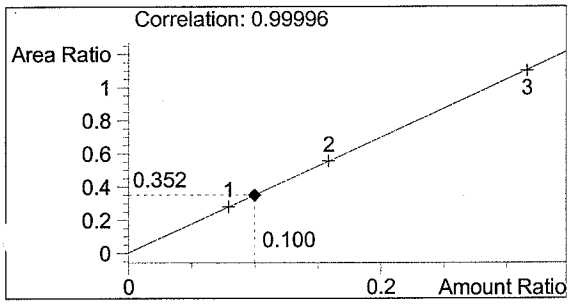
0.100 Control
Estuardo J. Miranda

vial # 28



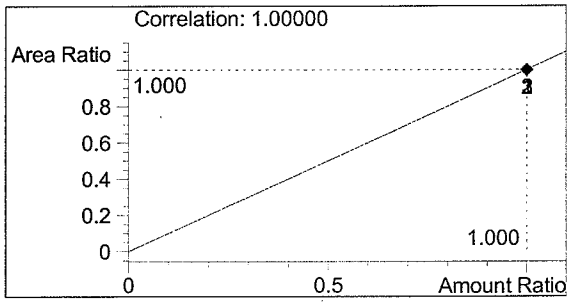
#	Compound	Area	RT
1	Ethanol	1777	1.045
2	n-Propanol	5054	1.703

Totals:



Ethanol 0.100 g/100ml

EM
1-15-2008



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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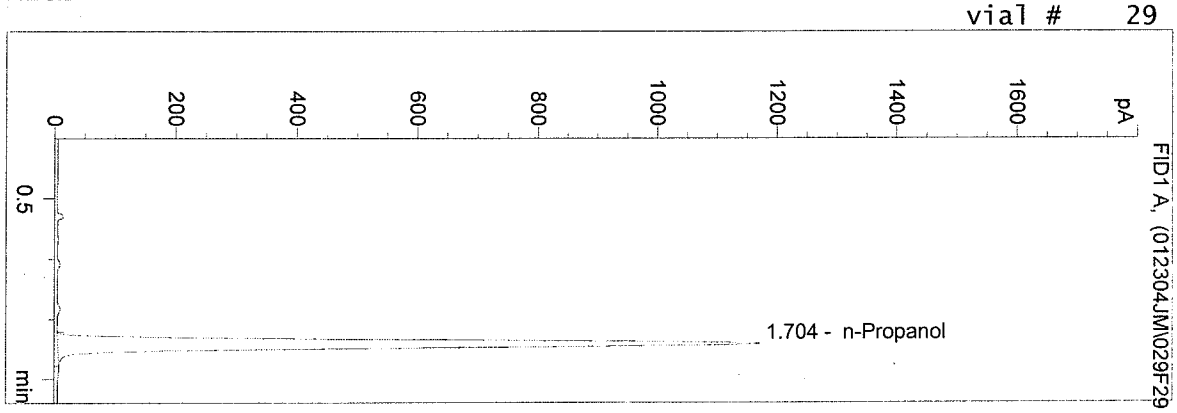
Instrument 1
D?-ALC1

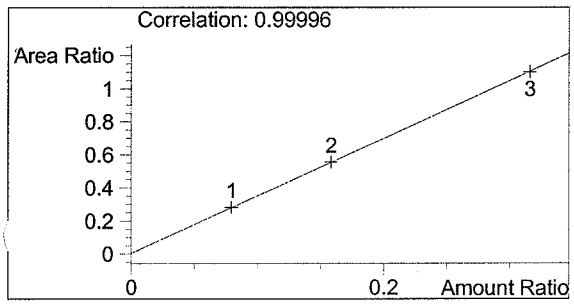
Blank
Estuardo J. Miranda

vial # 29



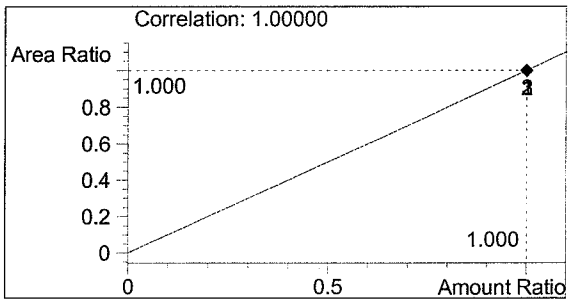
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	5142	1.704

Totals:



Ethanol 0.000 g/100ml

EM
1-15-2008



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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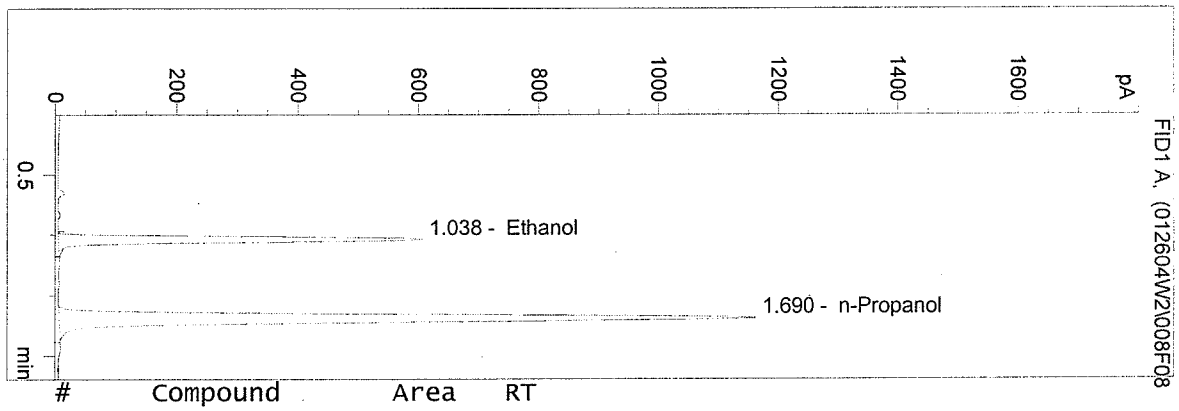
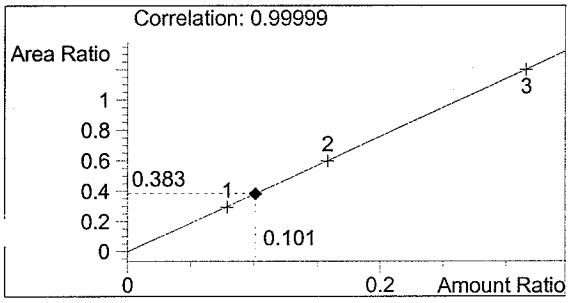
Instrument 2
[illegible]-ALC1

SIM 04001
WP MARSHALL

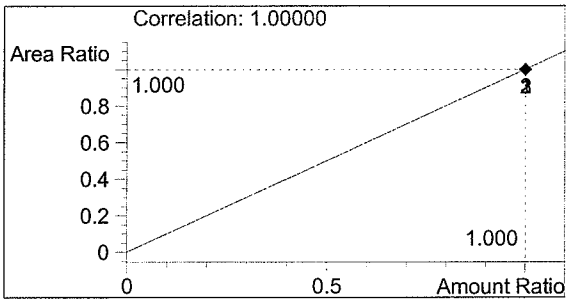
vial # 8



#	Compound	Area	RT
1	Ethanol	1882	1.038
2	n-Propanol	4912	1.690
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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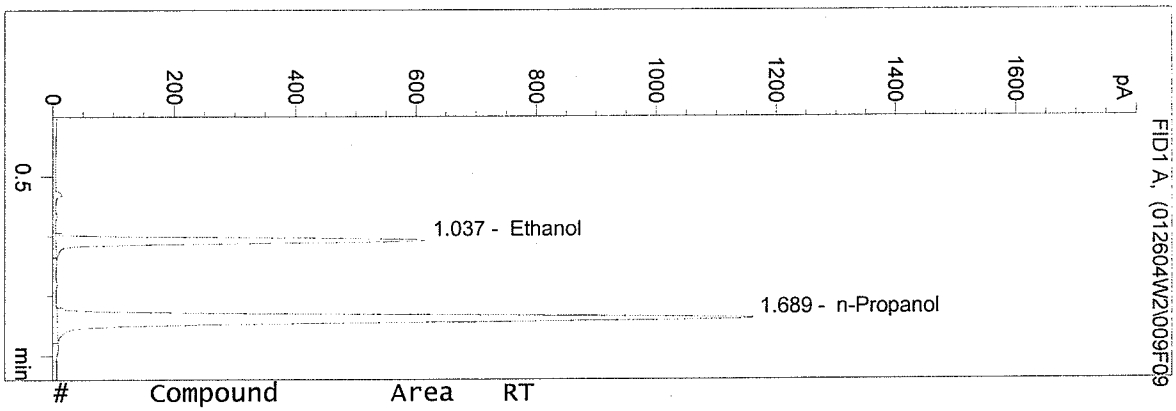
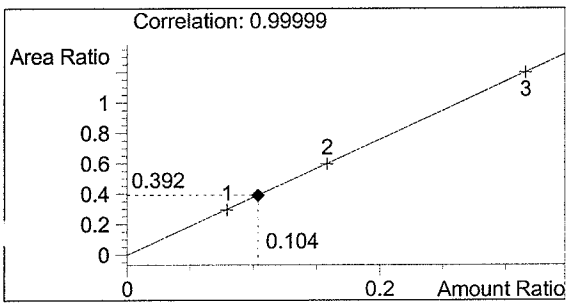
Instrument 2
[illegible]-ALC1

SIM 04001
WP MARSHALL

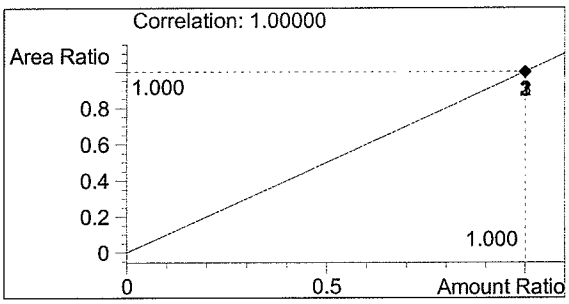
vial # 9



#	Compound	Area	RT
1	Ethanol	1925	1.037
2	n-Propanol	4914	1.689
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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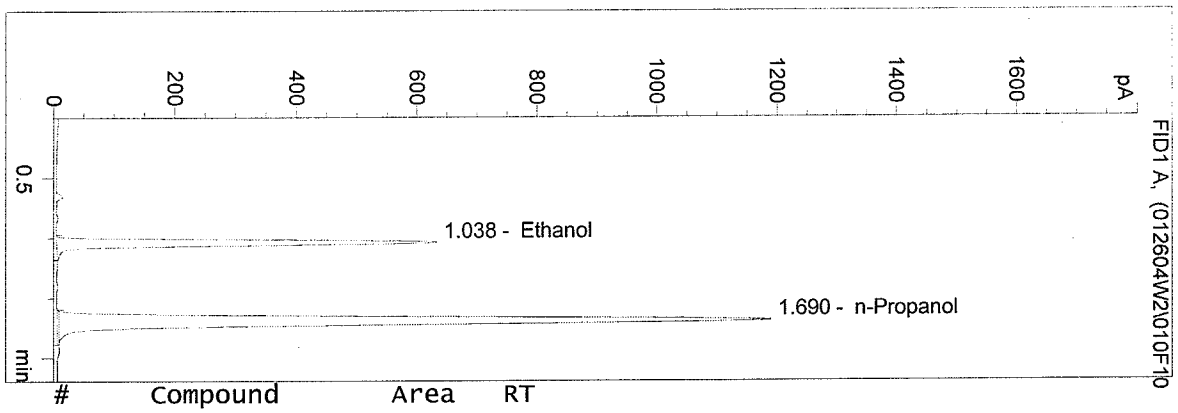
1/26/04 12:38:08 PM
Instrument 2
P?-ALC1

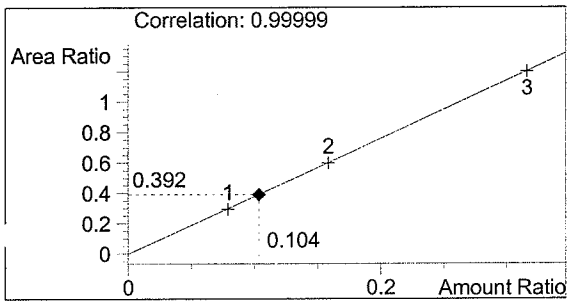
SIM 04001
WP MARSHALL

vial # 10

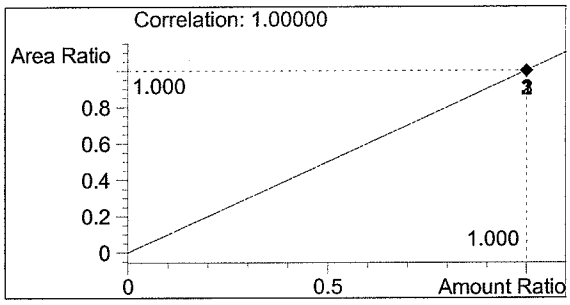


#	Compound	Area	RT
1	Ethanol	1975	1.038
2	n-Propanol	5043	1.690

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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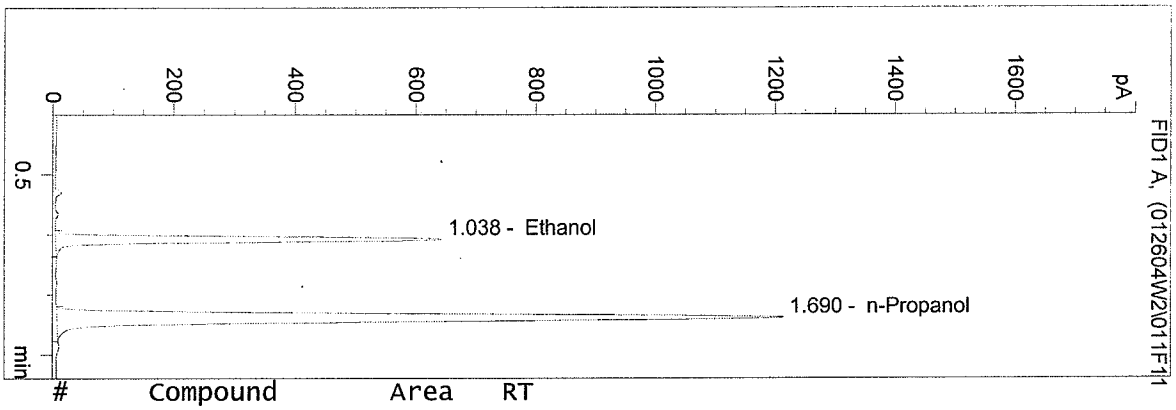
1/26/04 12:41:23 PM
Instrument 2
[illegible]-ALC1

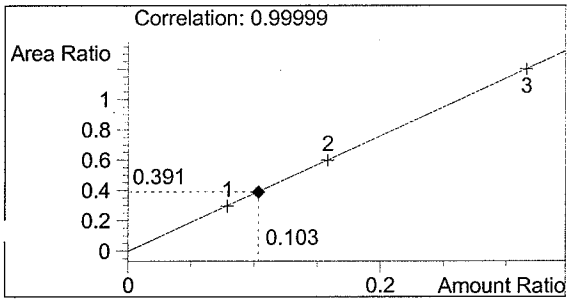
SIM 04001
WP MARSHALL

vial # 11

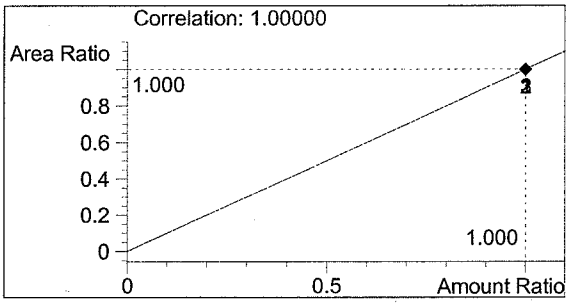


#	Compound	Area	RT
1	Ethanol	2003	1.038
2	n-Propanol	5129	1.690

Totals:



Ethanol 0.103 g/100ml



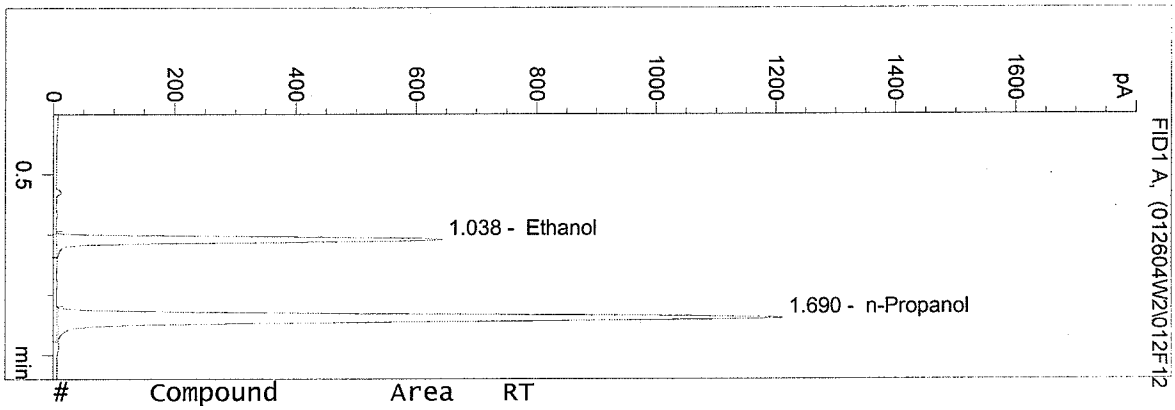
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/26/04 12:44:37 PM
Instrument 2
ALC1

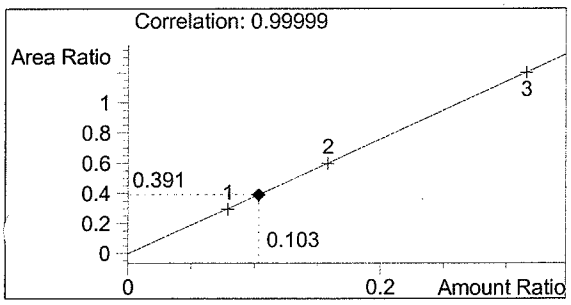
SIM 04001
WP MARSHALL

vial # 12

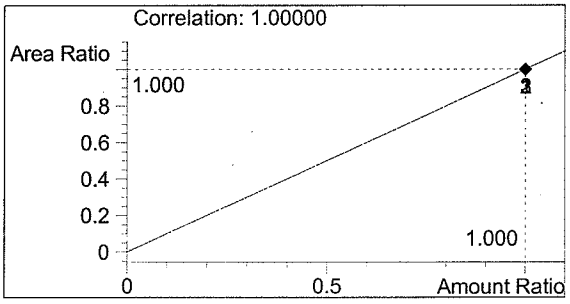


#	Compound	Area	RT
1	Ethanol	2006	1.038
2	n-Propanol	5130	1.690

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	WP MARSHALL
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	012604W2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO2	1	Sample		
2	2	0.079 CALIBRATOR	BLDALCO2	1	Calib		
3	3	0.158 CALIBRATOR	BLDALCO2	1	Calib		
4	4	0.316 CALIBRATOR	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Sample		
6	6	CONTROL 0.10 WM	BLDALCO2	1	Ctrl Samp		
7	7	BLANK	BLDALCO2	1	Sample		
8	8	SIM 04001	BLDALCO2	1	Sample		
9	9	SIM 04001	BLDALCO2	1	Sample		
10	10	SIM 04001	BLDALCO2	1	Sample		
11	11	SIM 04001	BLDALCO2	1	Sample		
12	12	SIM 04001	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

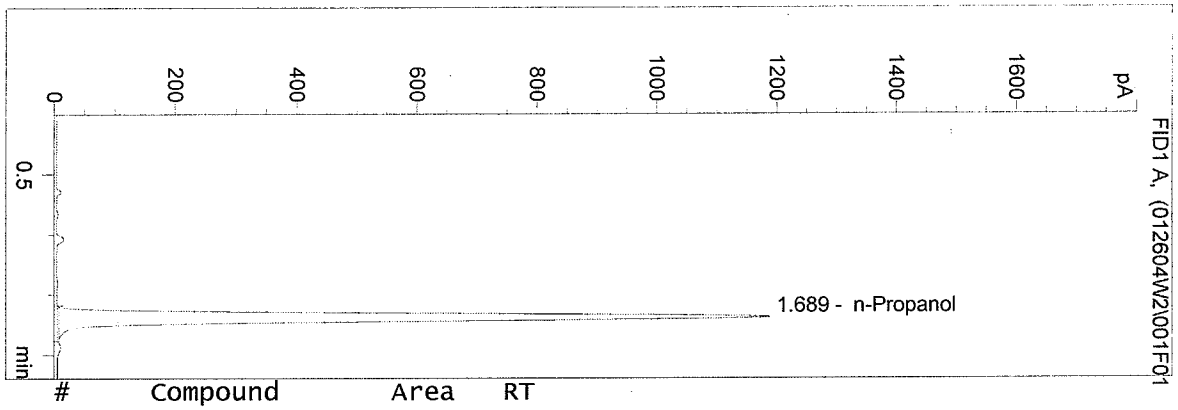
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/26/04 12:08:41 PM
Instrument 2
D?-ALC1

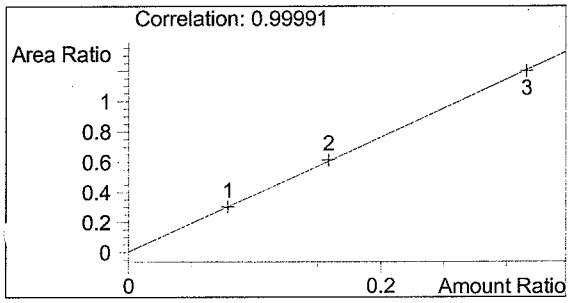
BLANK
WP MARSHALL

vial # 1

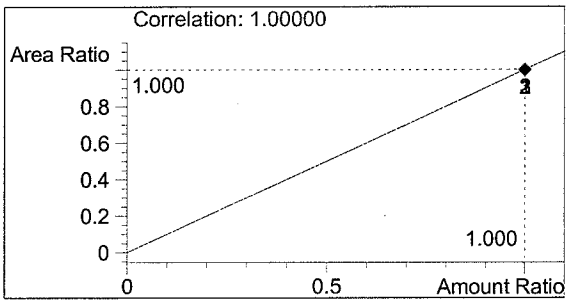


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	5040	1.689

Totals:



Ethanol 0.000 g/100ml



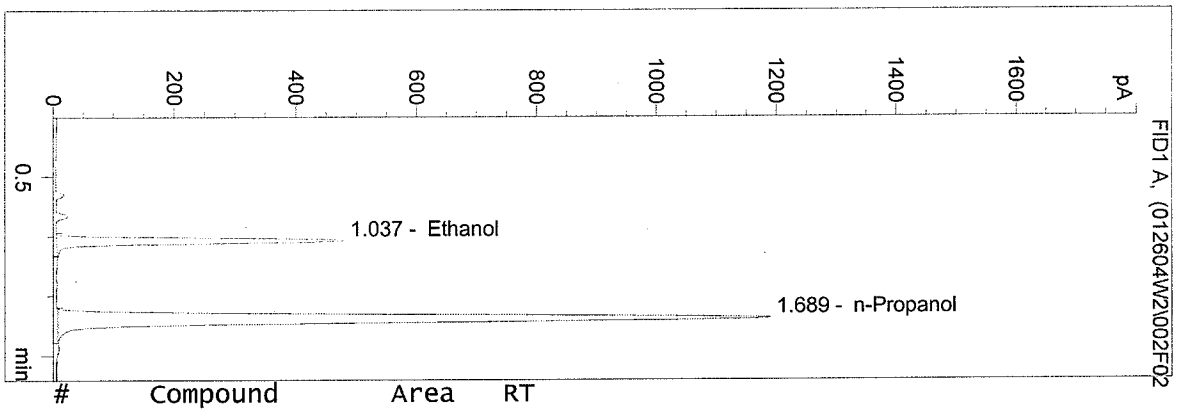
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/26/04 12:12:01 PM
Instrument 2
DR-ALC1

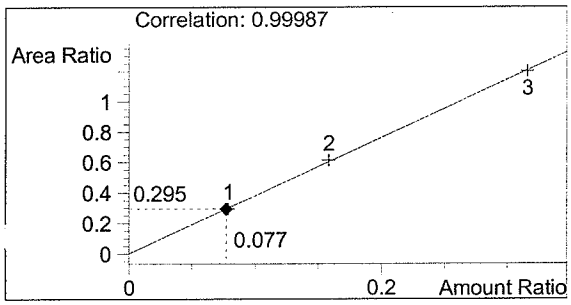
0.079 CALIBRATOR
WP MARSHALL

vial # 2

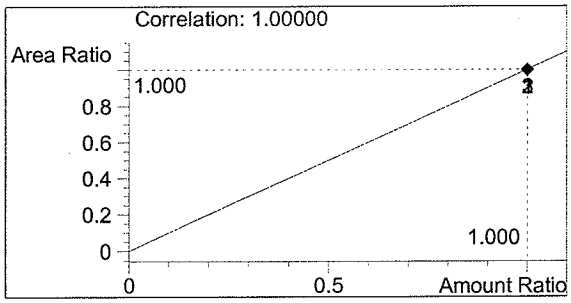


#	Compound	Area	RT
1	Ethanol	1489	1.037
2	n-Propanol	5038	1.689

Totals:



Ethanol 0.077 g/100ml



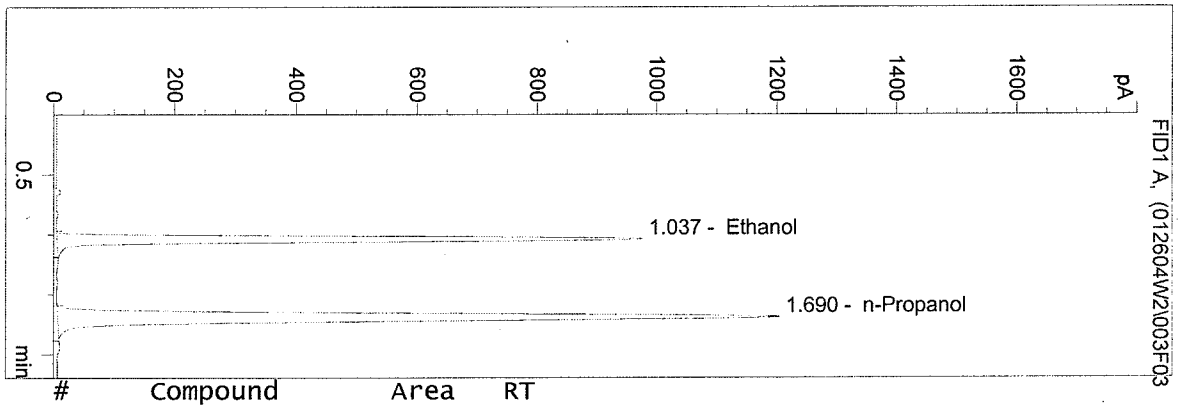
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/26/04 12:15:18 PM
Instrument 2
DT-ALC1

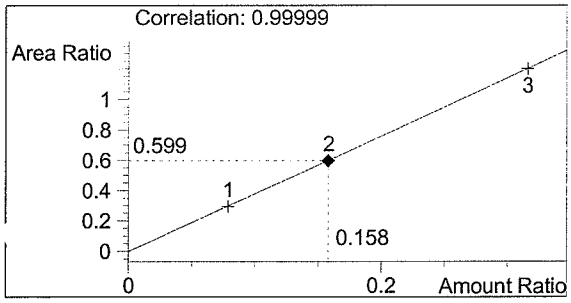
0.158 CALIBRATOR
WP MARSHALL

vial # 3

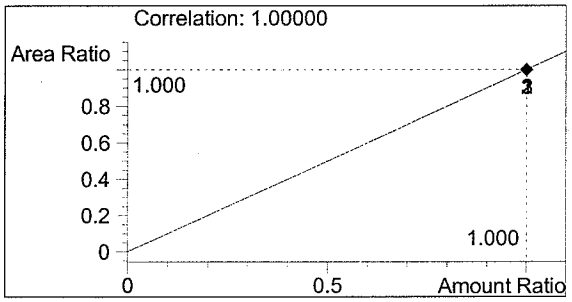


#	Compound	Area	RT
1	Ethanol	3045	1.037
2	n-Propanol	5087	1.690

Totals:



Ethanol 0.158 g/100ml



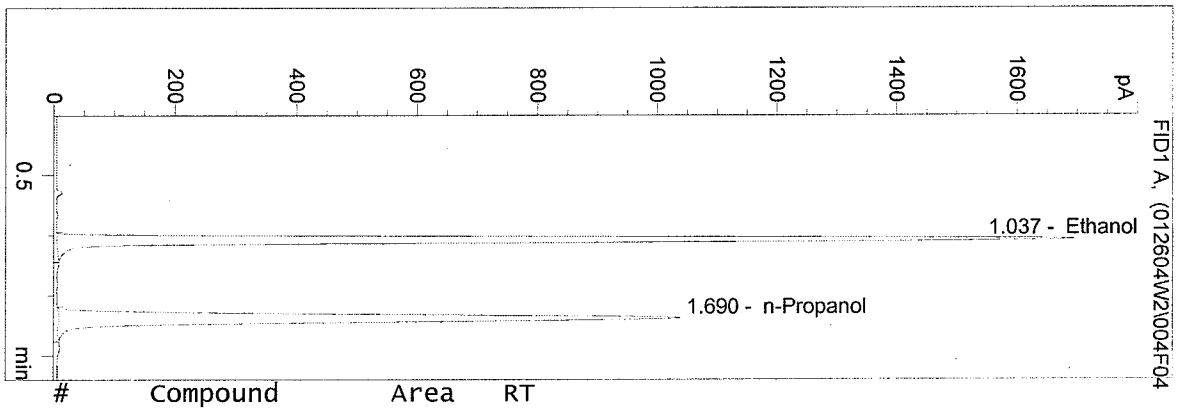
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/26/04 12:18:36 PM
Instrument 2
DR-ALC1

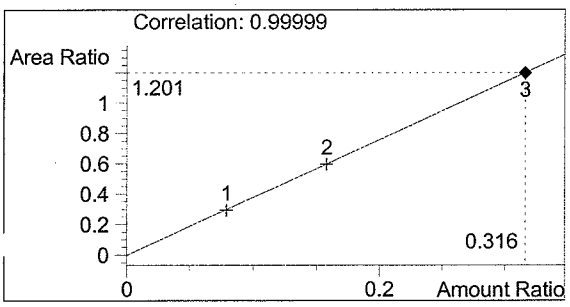
0.316 CALIBRATOR
WP MARSHALL

vial # 4

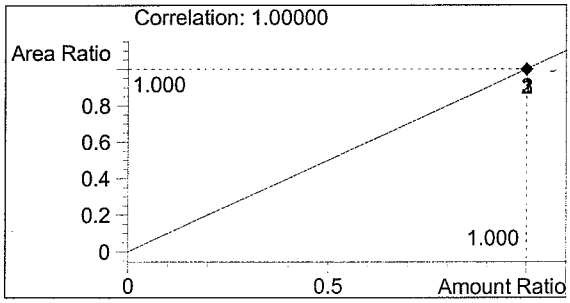


#	Compound	Area	RT
1	Ethanol	5264	1.037
2	n-Propanol	4384	1.690

Totals:



Ethanol 0.316 g/100ml



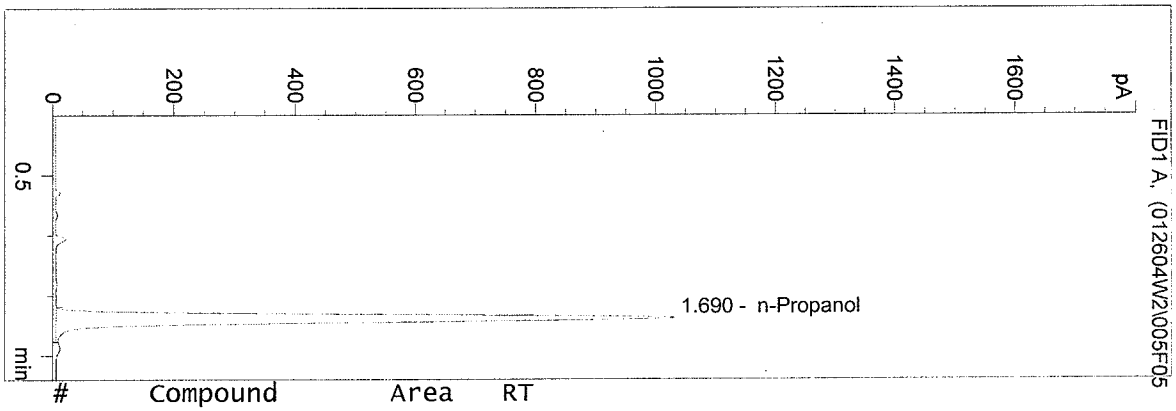
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/26/04 12:21:51 PM
Instrument 2
DB-ALC1

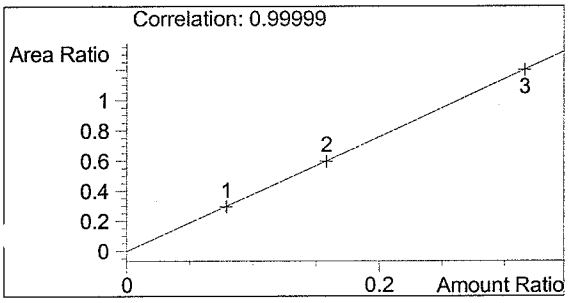
BLANK
WP MARSHALL

vial # 5

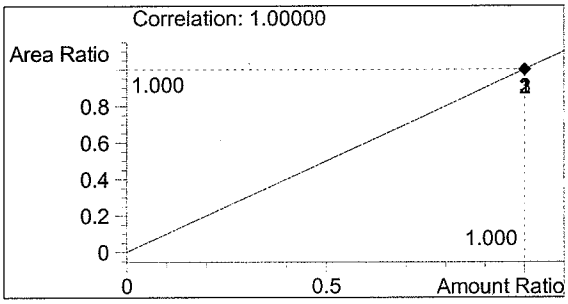


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4393	1.690

Totals:



Ethanol 0.000 g/100ml



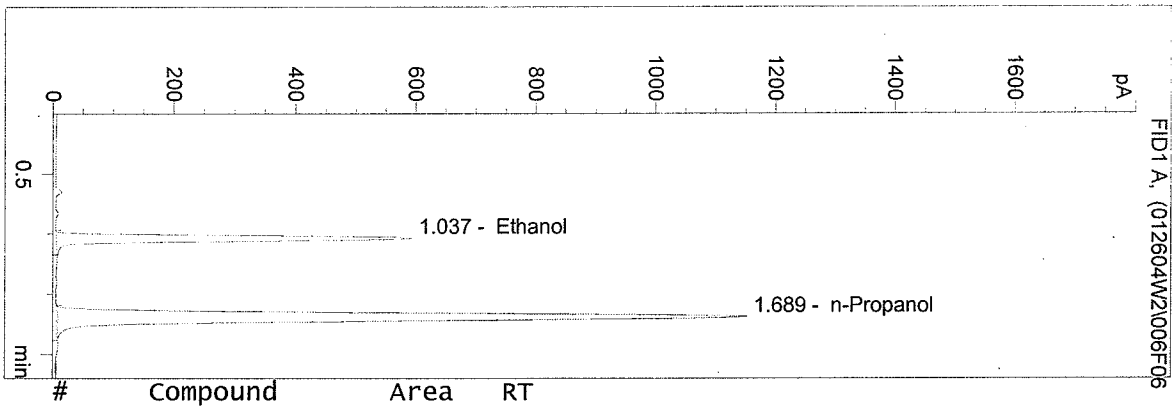
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/26/04 12:25:05 PM
Instrument 2
DP-ALC1

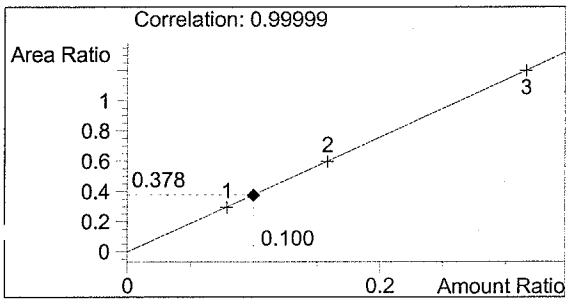
CONTROL 0.10 WM
WP MARSHALL

vial # 6

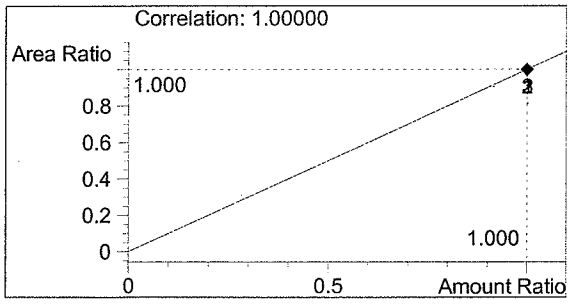


#	Compound	Area	RT
1	Ethanol	1843	1.037
2	n-Propanol	4876	1.689

Totals:



Ethanol 0.100 g/100ml



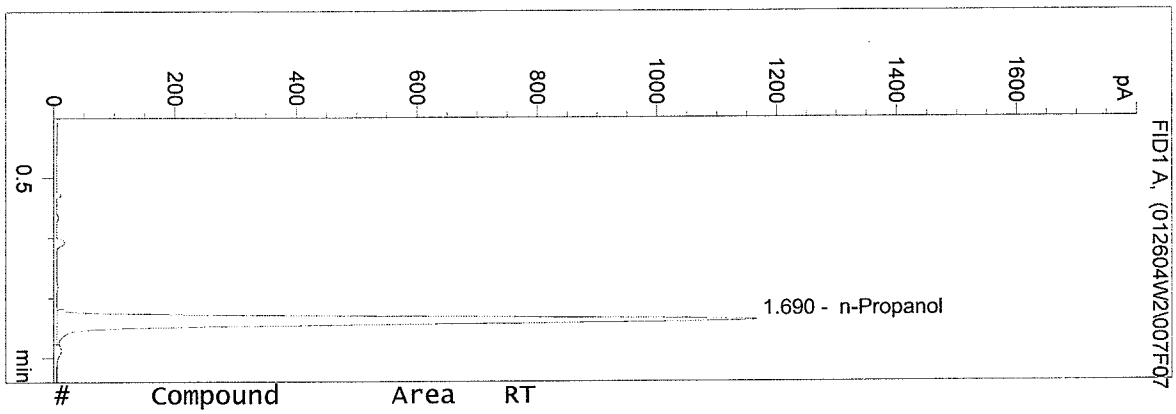
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/26/04 12:28:20 PM
Instrument 2
PP-ALC1

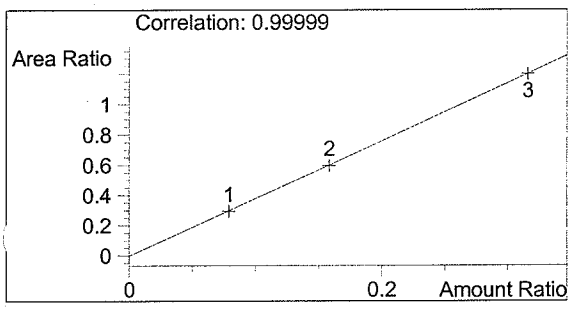
BLANK
WP MARSHALL

vial # 7

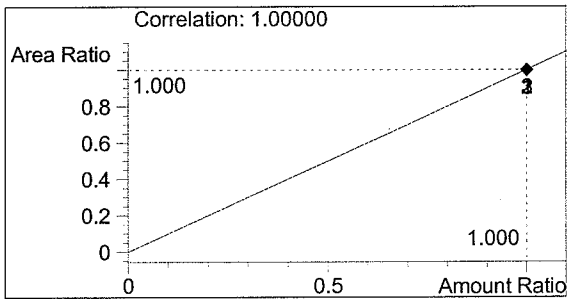


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4979	1.690

Totals:



Ethanol 0.000 g/100ml



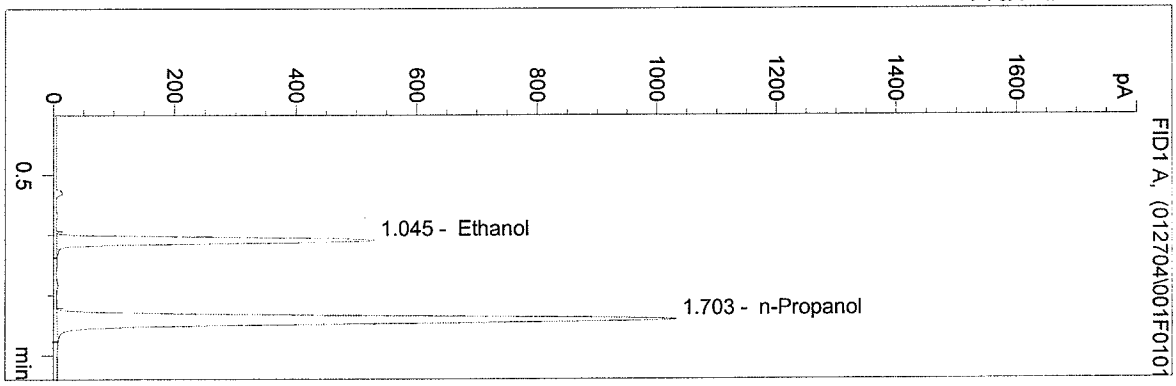
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/27/04 1:31:06 PM
Instrument 1
D-ALC1

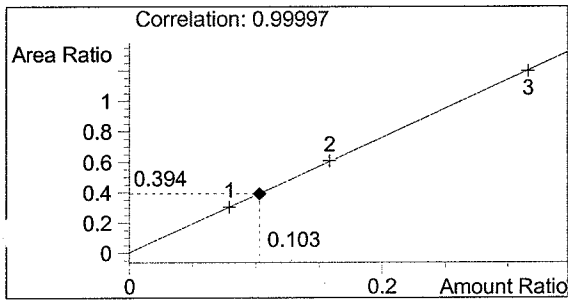
04001 SIM#1
BRIAN CAPRON

vial # 1

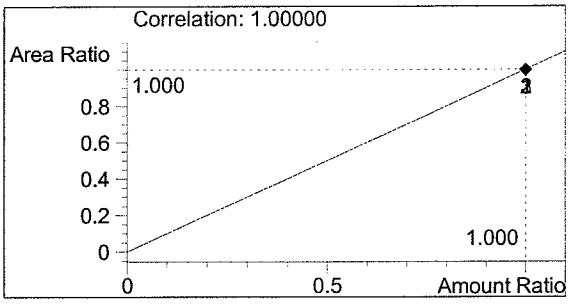


#	Compound	Area	RT
1	Ethanol	1772	1.045
2	n-Propanol	4496	1.703

Totals:



Ethanol 0.103 g/100ml



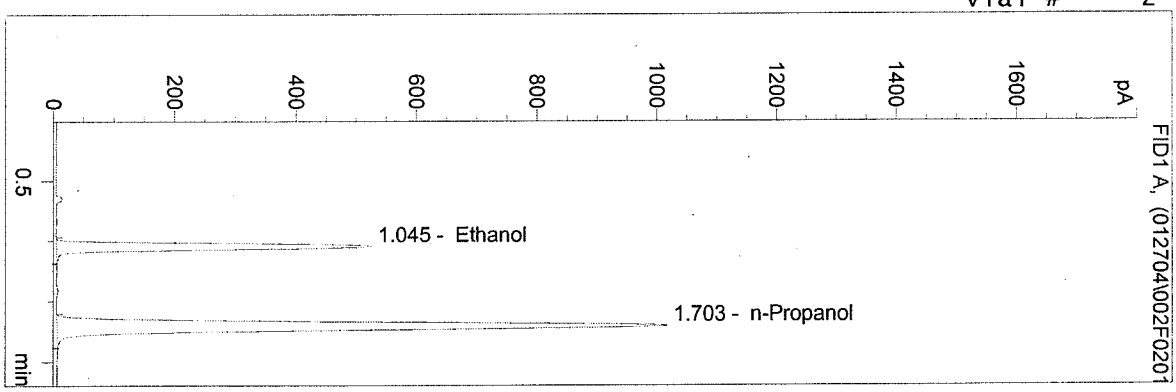
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/27/04 1:34:11 PM
Instrument 1
DP-ALC1

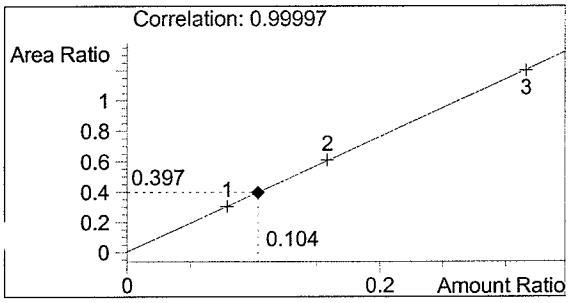
04001 SIM#2
BRIAN CAPRON

vial # 2

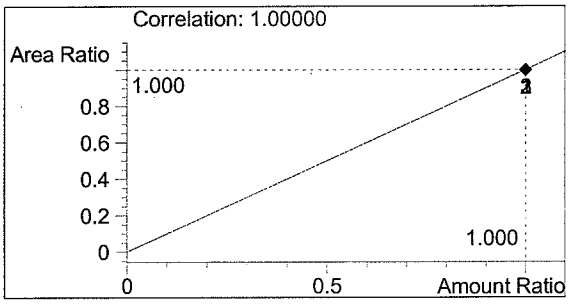


#	Compound	Area	RT
1	Ethanol	1760	1.045
2	n-Propanol	4433	1.703

Totals:



Ethanol 0.104 g/100ml



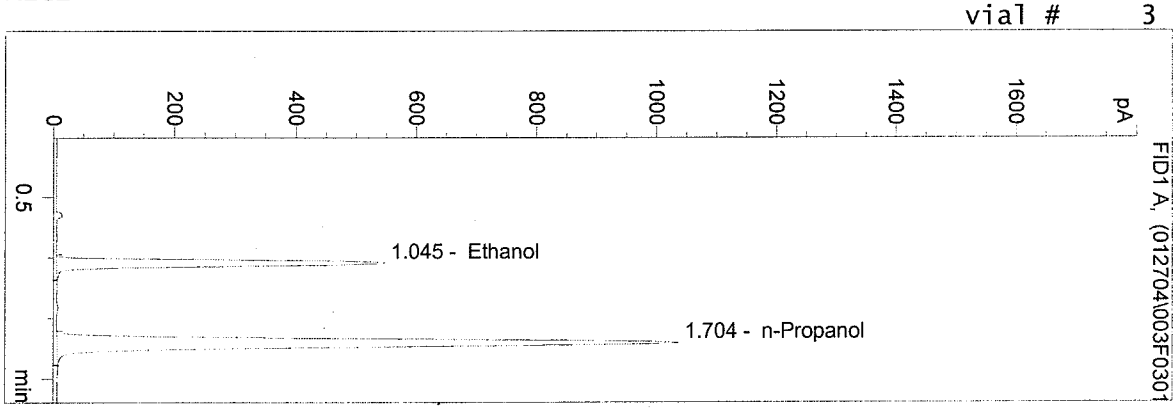
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

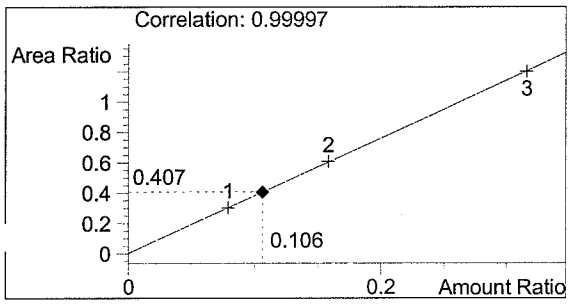
C:\HPCHEM\1\METHODS\BLDALCO.M
1/27/04 1:37:17 PM
Instrument 1
DB-ALC1

04001 SIM#3
BRIAN CAPRON

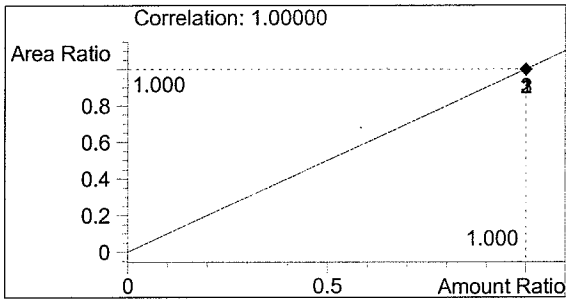
vial # 3



#	Compound	Area	RT
1	Ethanol	1843	1.045
2	n-Propanol	4529	1.704
Totals:			



Ethanol 0.106 g/100ml



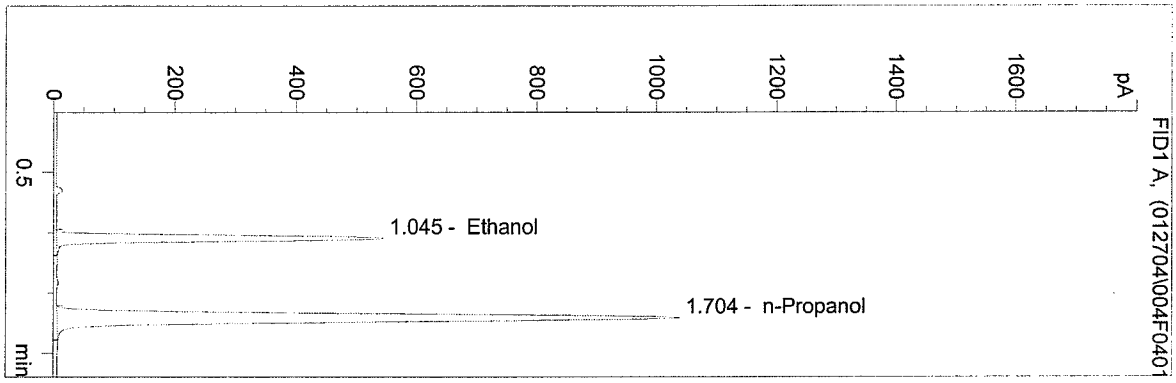
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/27/04 1:40:22 PM
Instrument 1
DP-ALC1

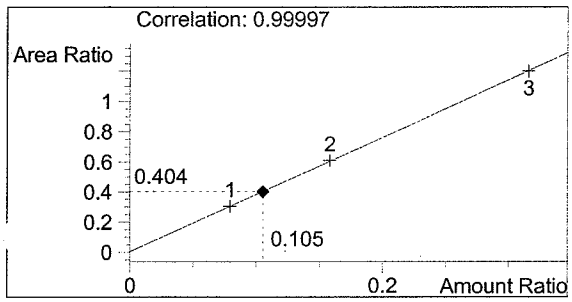
04001 SIM#4
BRIAN CAPRON

vial # 4

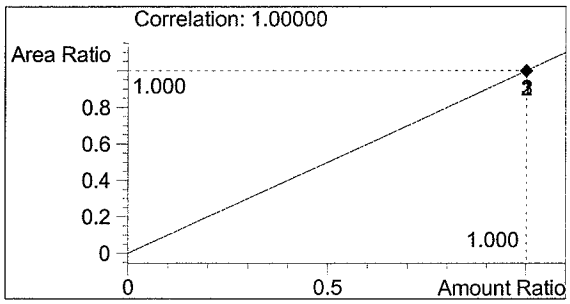


#	Compound	Area	RT
1	Ethanol	1831	1.045
2	n-Propanol	4535	1.704

Totals:



Ethanol 0.105 g/100ml



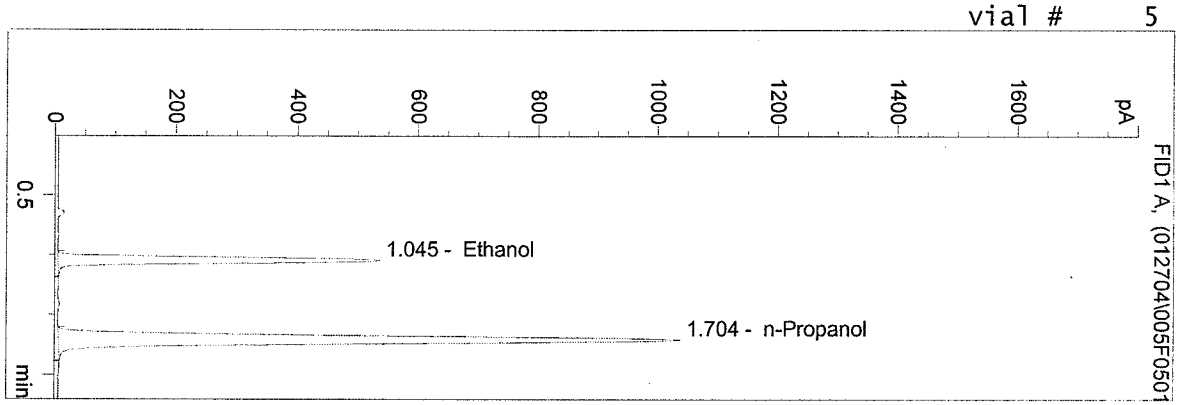
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

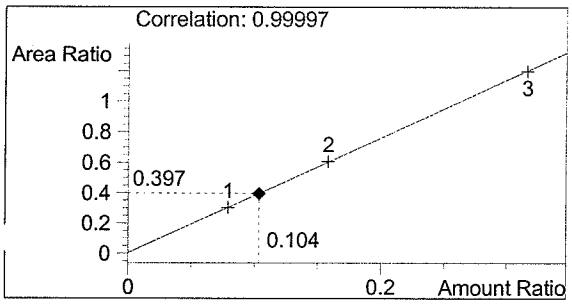
C:\HPCHEM\1\METHODS\BLDALCO.M
1/27/04 1:43:27 PM
Instrument 1
DP-ALC1

04001 SIM#5
BRIAN CAPRON

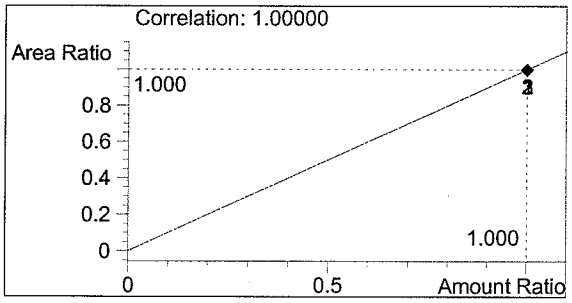
vial # 5



#	Compound	Area	RT
1	Ethanol	1802	1.045
2	n-Propanol	4537	1.704
Totals:			



Ethanol 0.104 g/100ml



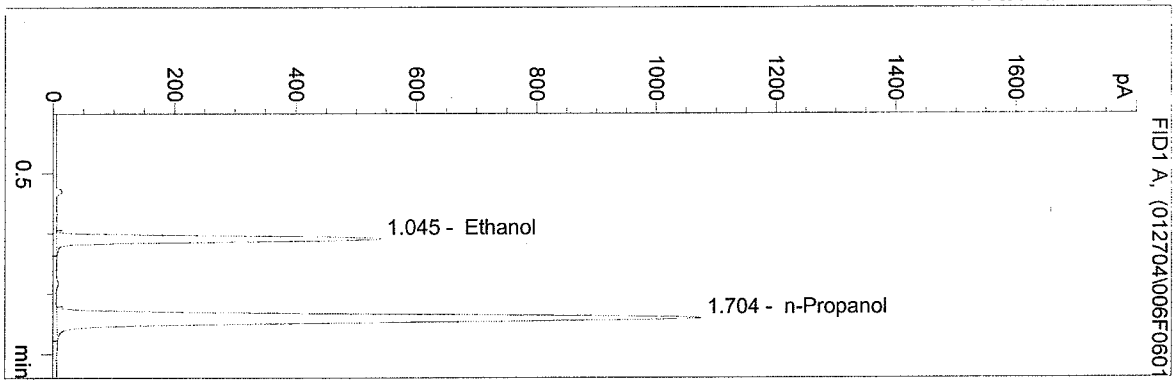
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/27/04 1:46:32 PM
Instrument 1
DP-ALC1

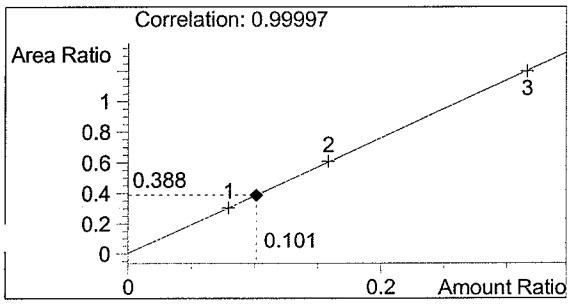
0.10 CONTROL
BRIAN CAPRON

vial # 6

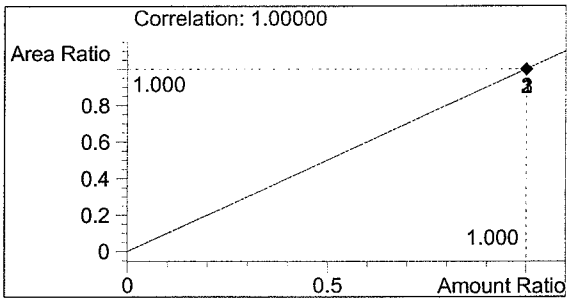


#	Compound	Area	RT
1	Ethanol	1818	1.045
2	n-Propanol	4685	1.704

Totals:



Ethanol 0.101 g/100ml



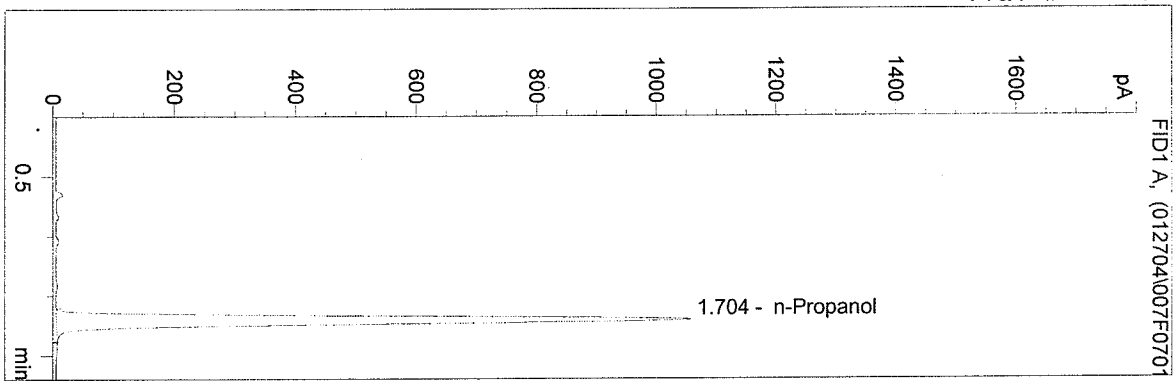
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/27/04 1:49:37 PM
Instrument 1
DB-ALC1

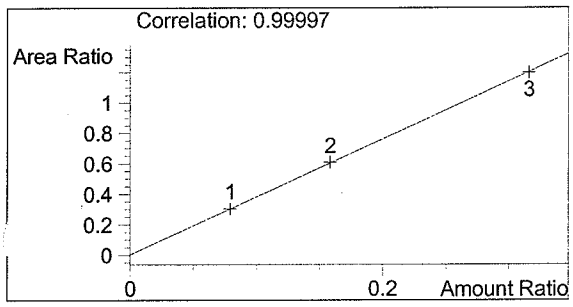
BLANK
BRIAN CAPRON

vial # 7

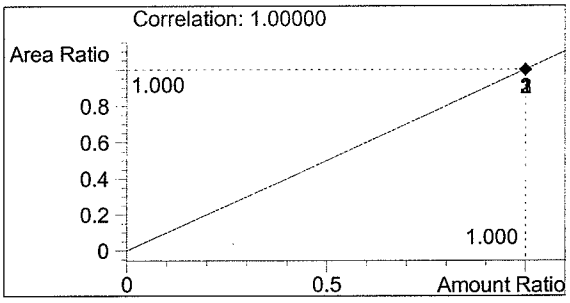


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4611	1.704

Totals:



Ethanol 0.000 g/100ml



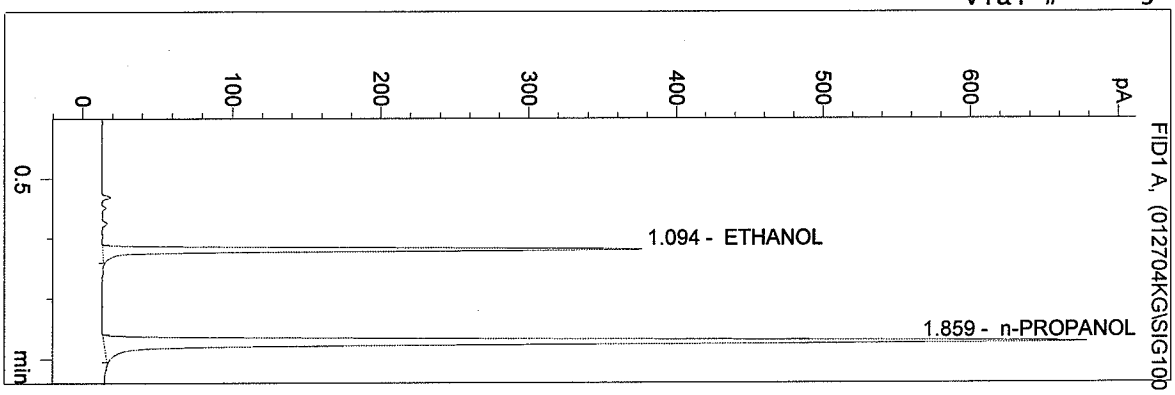
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/27/04 3:55:50 PM
Instrument 3

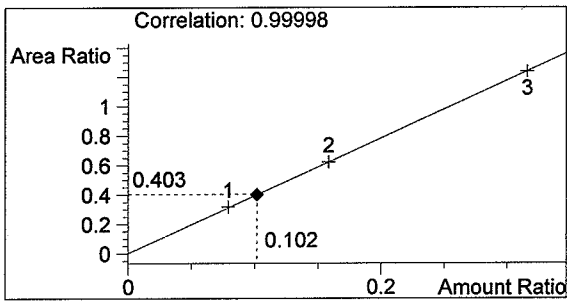
SIM 04001
Kari Gruendell

vial # 3

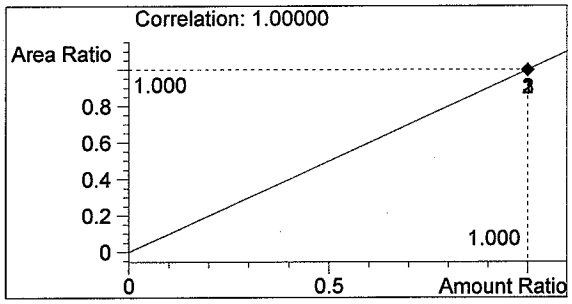


#	Compound	Area	RT
1	ETHANOL	782	1.094
2	n-PROPANOL	1940	1.859

Totals:



ETHANOL 0.102 g/100mL



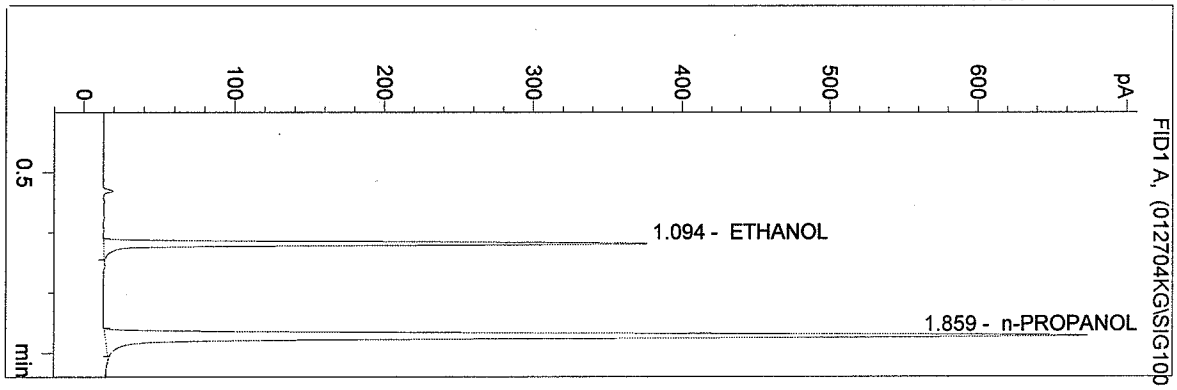
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/27/04 3:58:56 PM
Instrument 3

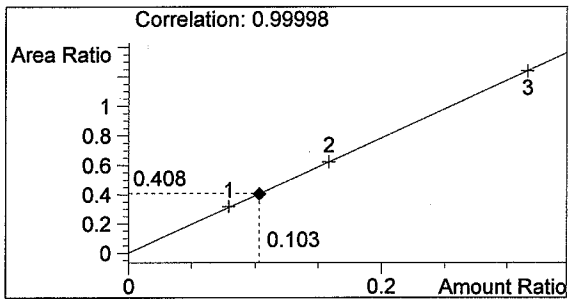
SIM 04001
Kari Gruendell

vial # 4

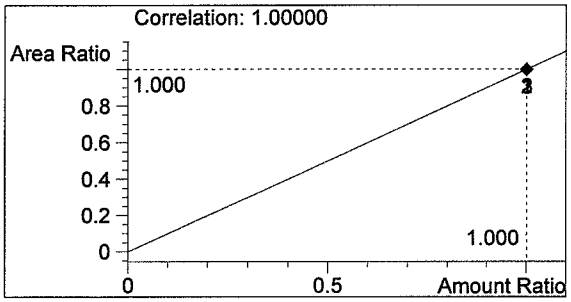


#	Compound	Area	RT
1	ETHANOL	785	1.094
2	n-PROPANOL	1923	1.859

Totals:



ETHANOL 0.103 g/100mL



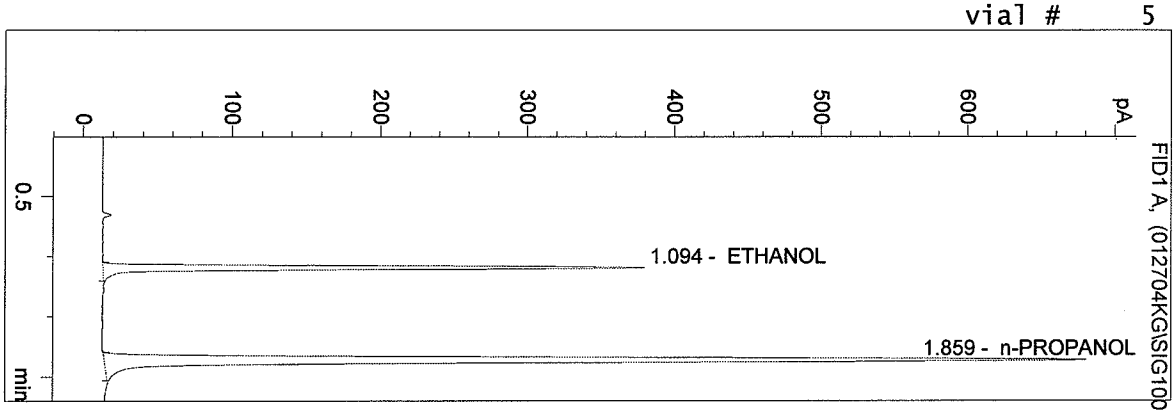
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/27/04 4:02:23 PM
Instrument 3

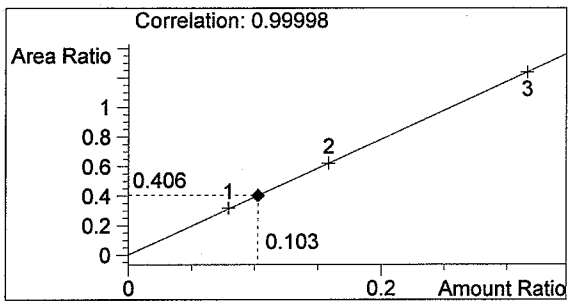
SIM 04001
Kari Gruendell

vial # 5

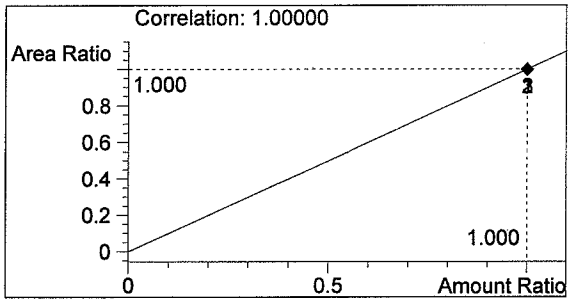


#	Compound	Area	RT
1	ETHANOL	792	1.094
2	n-PROPANOL	1951	1.859

Totals:



ETHANOL 0.103 g/100mL



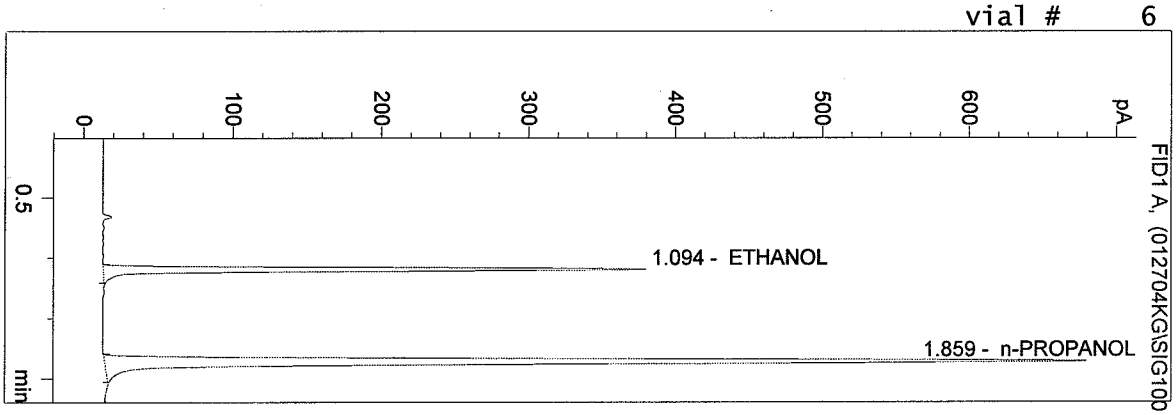
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/27/04 4:05:29 PM
Instrument 3

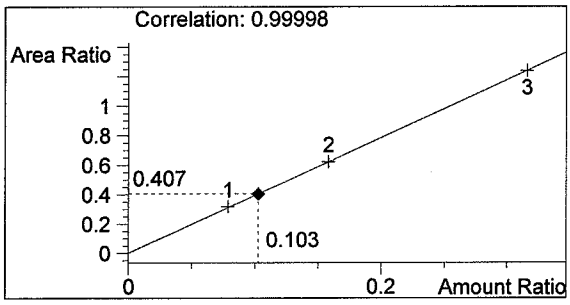
SIM 04001
Kari Gruendell

vial # 6

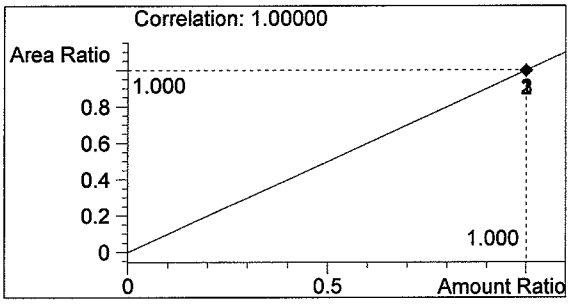


#	Compound	Area	RT
1	ETHANOL	792	1.094
2	n-PROPANOL	1949	1.859

Totals:



ETHANOL 0.103 g/100mL



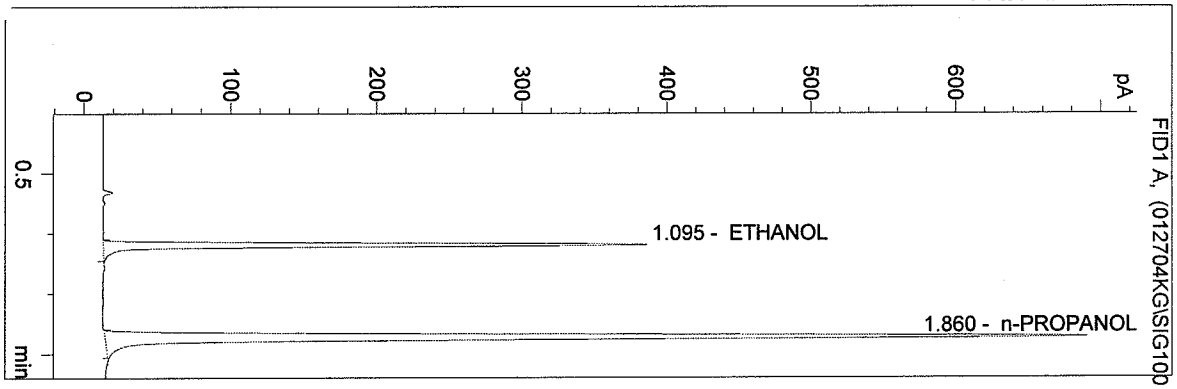
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/27/04 4:08:35 PM
Instrument 3

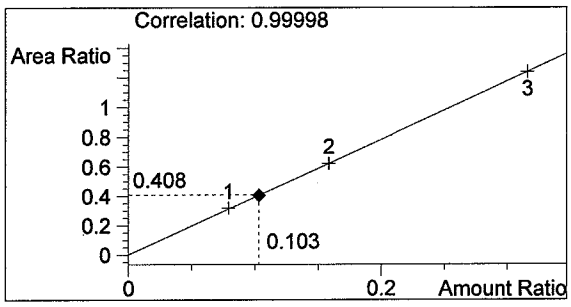
SIM 04001
Kari Gruendell

vial # 7

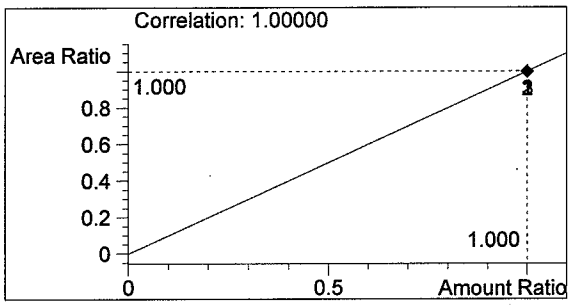


#	Compound	Area	RT
1	ETHANOL	804	1.095
2	n-PROPANOL	1971	1.860

Totals:



ETHANOL 0.103 g/100mL



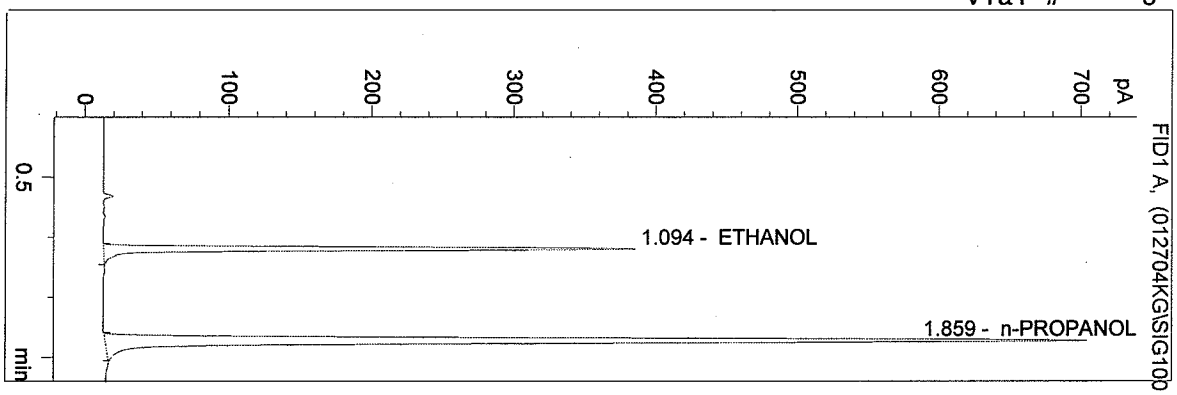
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/27/04 4:11:41 PM
Instrument 3

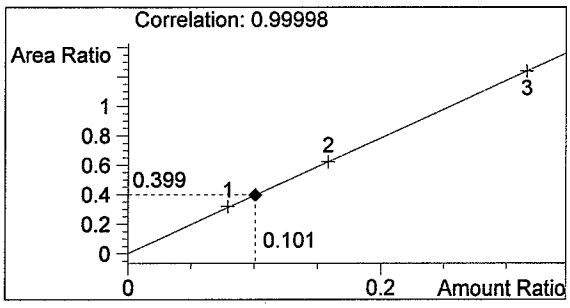
0.10 CTL
Kari Gruendell

vial # 8

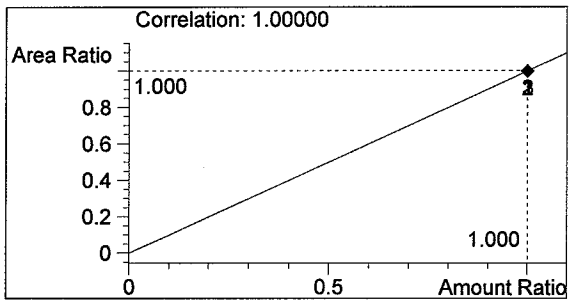


#	Compound	Area	RT
1	ETHANOL	801	1.094
2	n-PROPANOL	2008	1.859

Totals:



ETHANOL 0.101 g/100mL



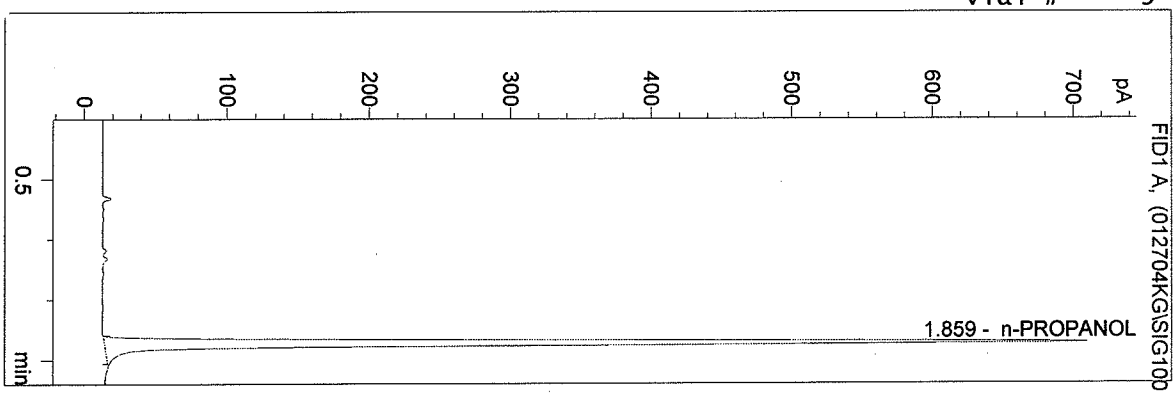
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/27/04 4:15:05 PM
Instrument 3

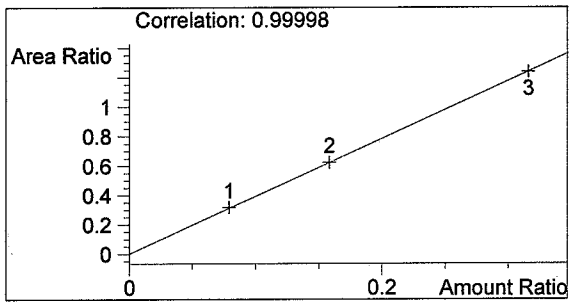
BLANK
Kari Gruendell

vial # 9

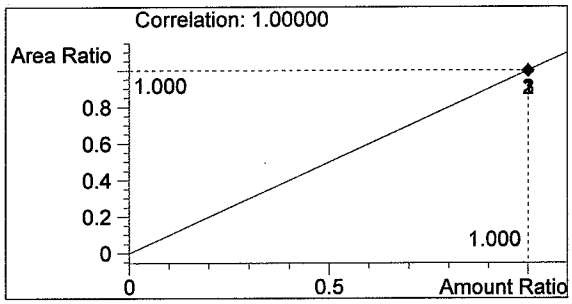


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2024	1.859

Totals:



ETHANOL 0.000 g/100mL



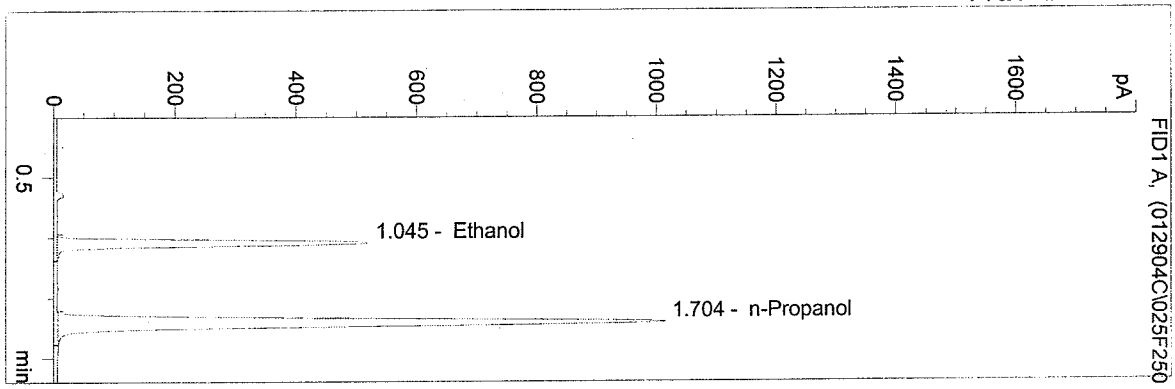
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/29/04 10:43:51 AM
Instrument 1
DB-ALC1

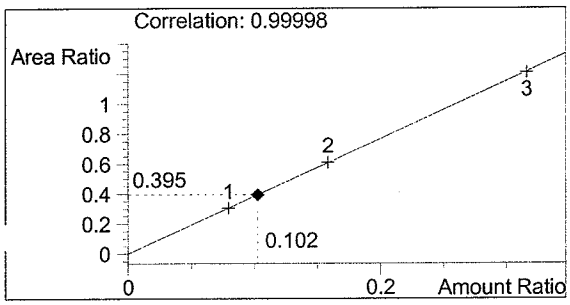
04001 sim soln
m pemberton

vial # 25

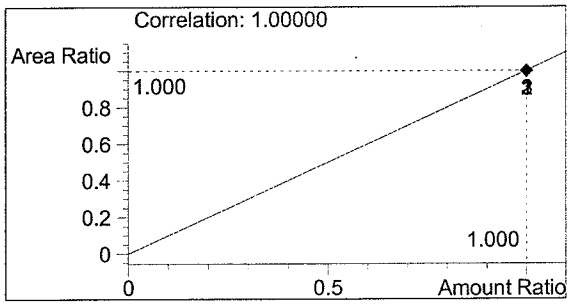


#	Compound	Area	RT
1	Ethanol	1752	1.045
2	n-Propanol	4437	1.704

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

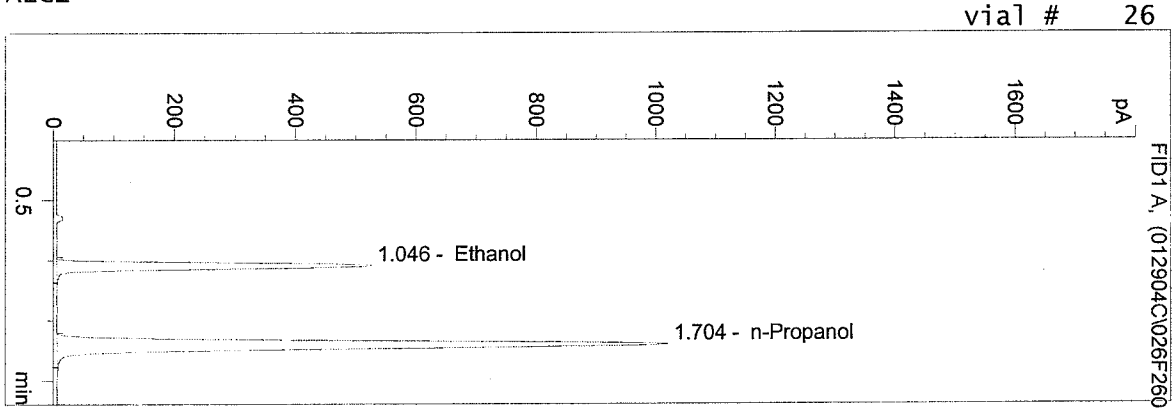
1-15-04

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/29/04 10:46:55 AM
Instrument 1
DB-ALC1

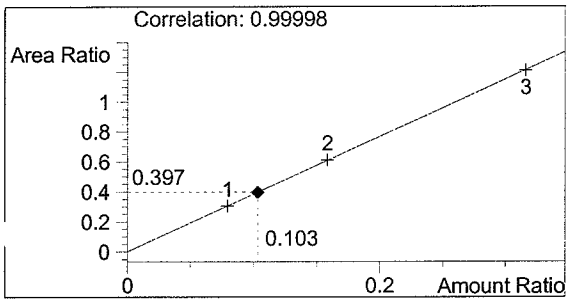
04001 sim soln
m pemberton

vial # 26

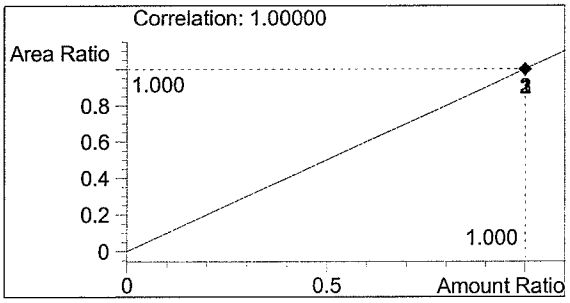


#	Compound	Area	RT
1	Ethanol	1764	1.046
2	n-Propanol	4445	1.704

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

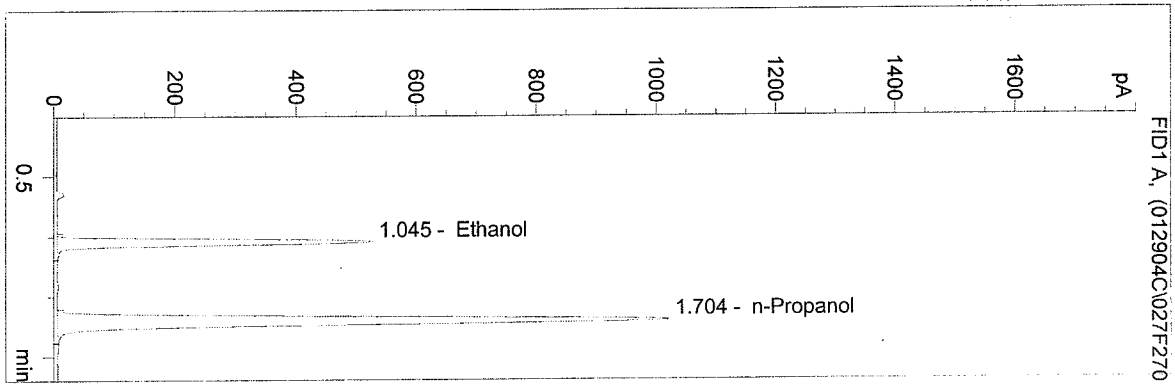
bd 1-15-06

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/29/04 10:50:00 AM
Instrument 1
DB-ALC1

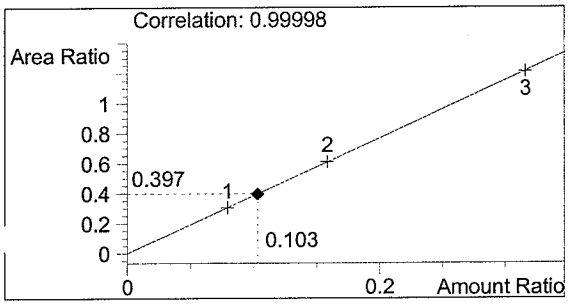
04001 sim soln
m pemberton

vial # 27

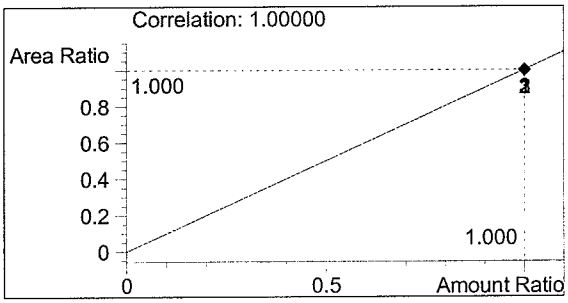


#	Compound	Area	RT
1	Ethanol	1769	1.045
2	n-Propanol	4449	1.704

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

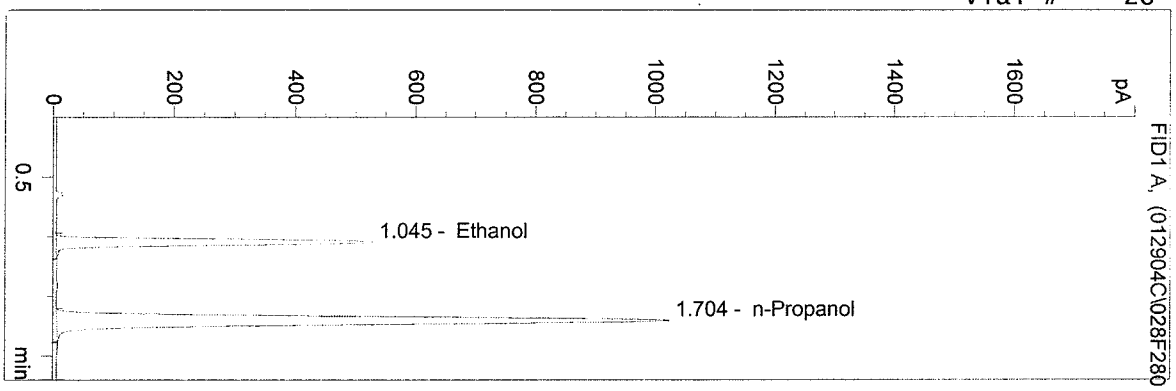
6/15/08

WASHINGTON STATE TOXICOLOGY LABORATORY

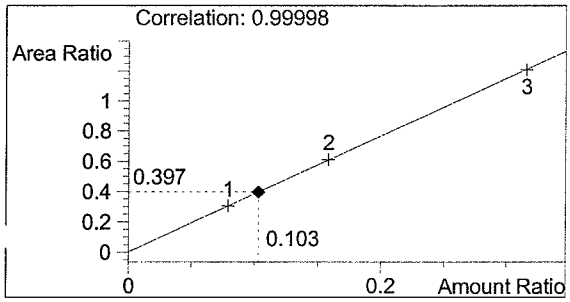
C:\HPCHEM\1\METHODS\BLDALCO.M
1/29/04 10:53:05 AM
Instrument 1
DP-ALC1

04001 sim soln
m pemberton

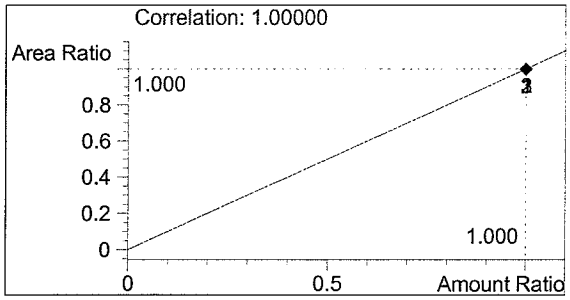
vial # 28



#	Compound	Area	RT
1	Ethanol	1770	1.045
2	n-Propanol	4458	1.704
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

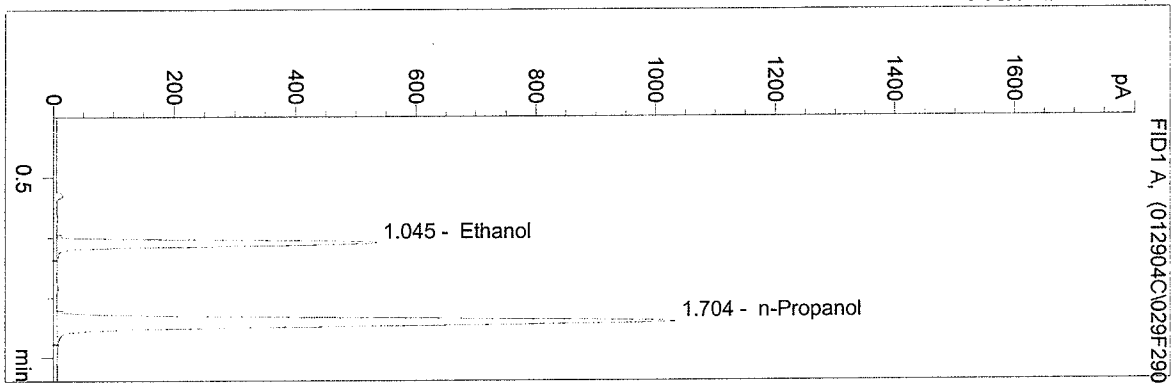
1-15-08

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/29/04 10:56:10 AM
Instrument 1
DR-ALC1

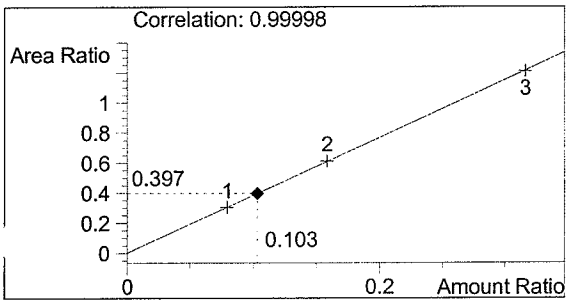
04001 sim soln
m pemberton

vial # 29

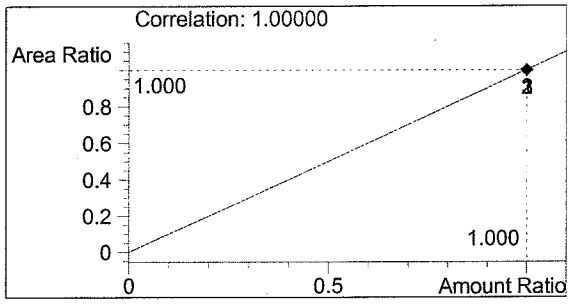


#	Compound	Area	RT
1	Ethanol	1796	1.045
2	n-Propanol	4520	1.704

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

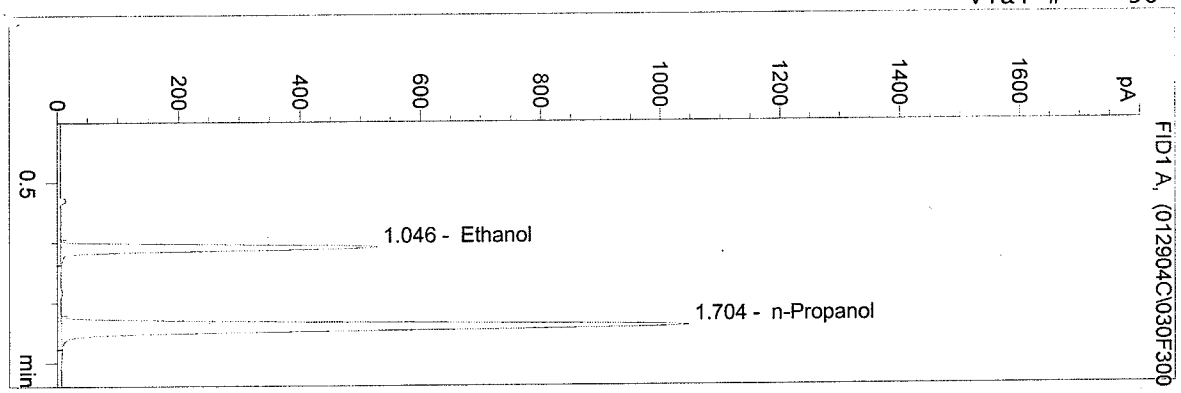
1-15-08

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/29/04 10:59:14 AM
Instrument 1
DB-ALC1

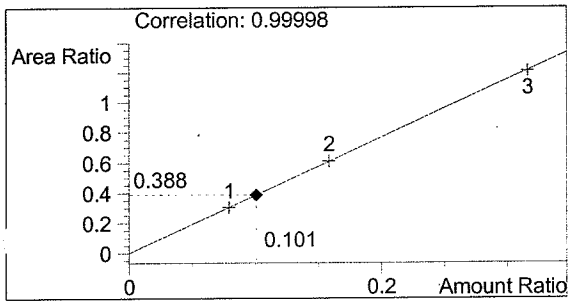
0.10 control
m pemberton

vial # 30

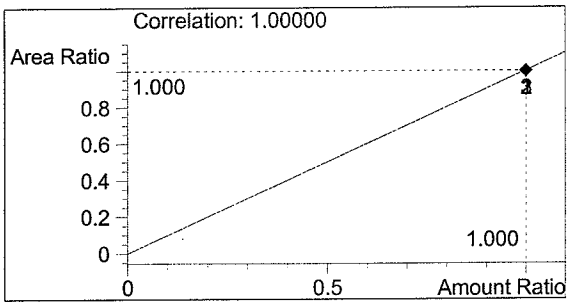


#	Compound	Area	RT
1	Ethanol	1774	1.046
2	n-Propanol	4569	1.704

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

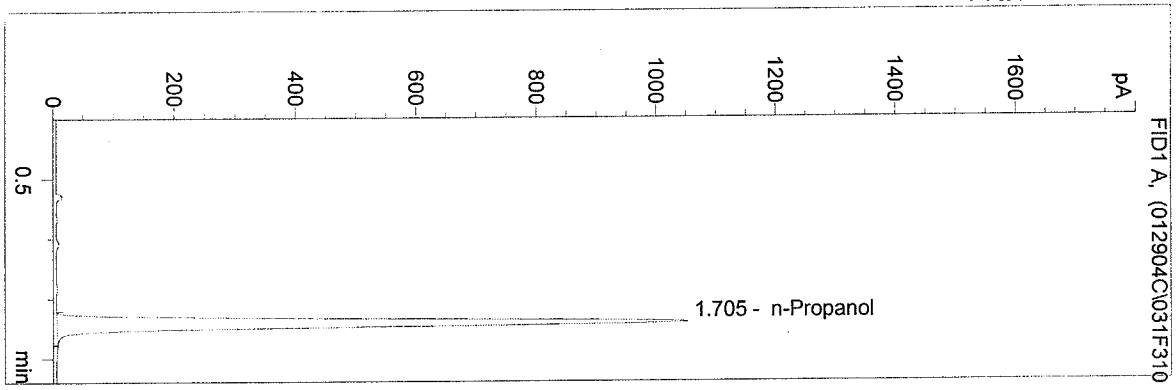
1-15-08

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
1/29/04 11:02:19 AM
Instrument 1
DP-ALC1

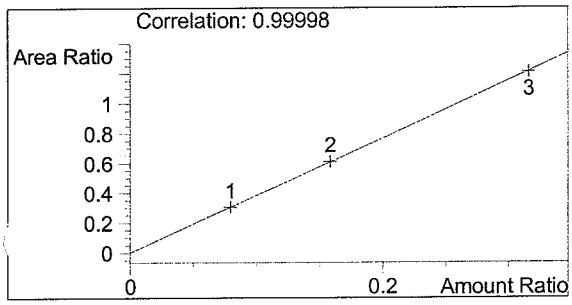
blk
m pemberton

vial # 31

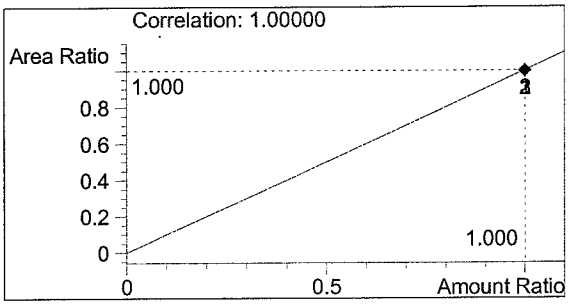


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4604	1.705

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

1-15-08

Calibration Table

Calib. Data Modified : Tuesday, February 03, 2004 12:34:41 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

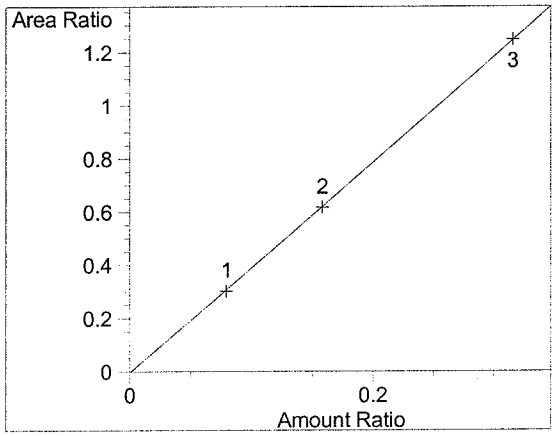
Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.038	1	1	7.90000e-2	1178.16614	6.70534e-5	1		Ethanol
		2	1.58000e-1	2407.25293	6.56350e-5			
		3	3.16000e-1	4743.67725	6.66150e-5			
1.691	1	1	1.00000	3886.81592	2.57280e-4	I1		n-Propanol
		2	1.00000	3893.30518	2.56851e-4			
		3	1.00000	3801.78394	2.63034e-4			

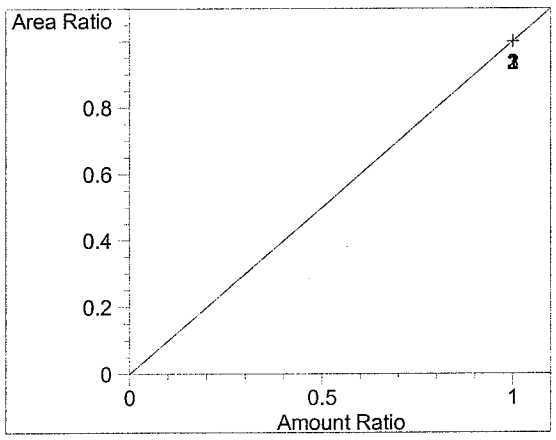
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.038
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00519
Formula: y = mx + b
m: 3.95613
b: -4.64149e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.691
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

WASHINGTON STATE TOXICOLOGY LABORATORY

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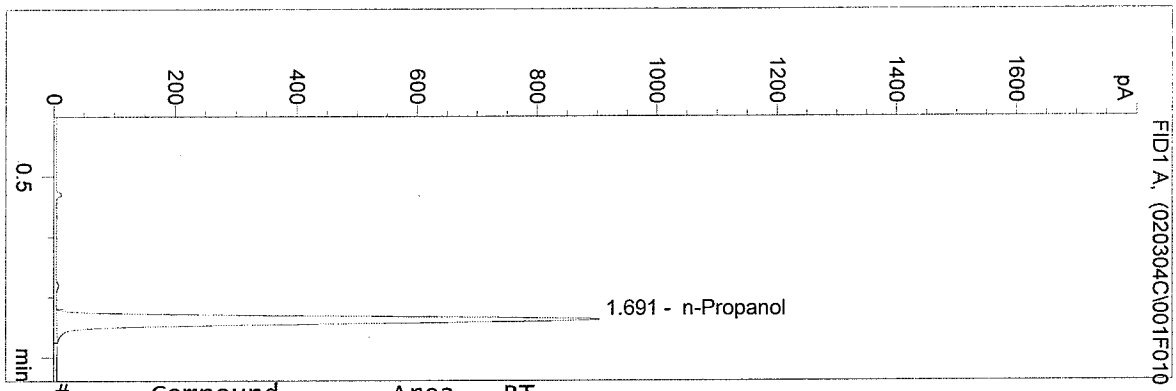
2/3/04 12:23:12 PM
Instrument 2
DP-ALC1

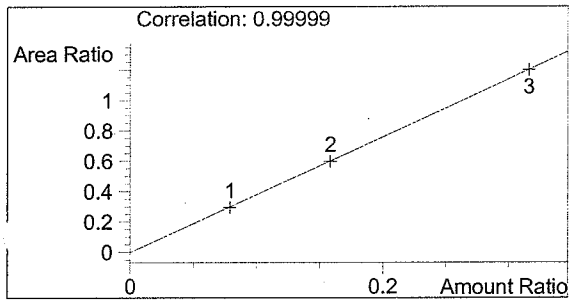
BLANK
SIMULATOR SOLUTION

vial # 1

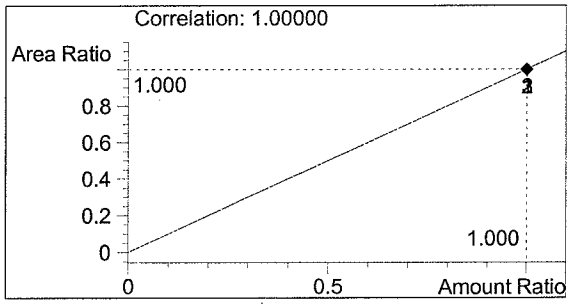


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3814	1.691

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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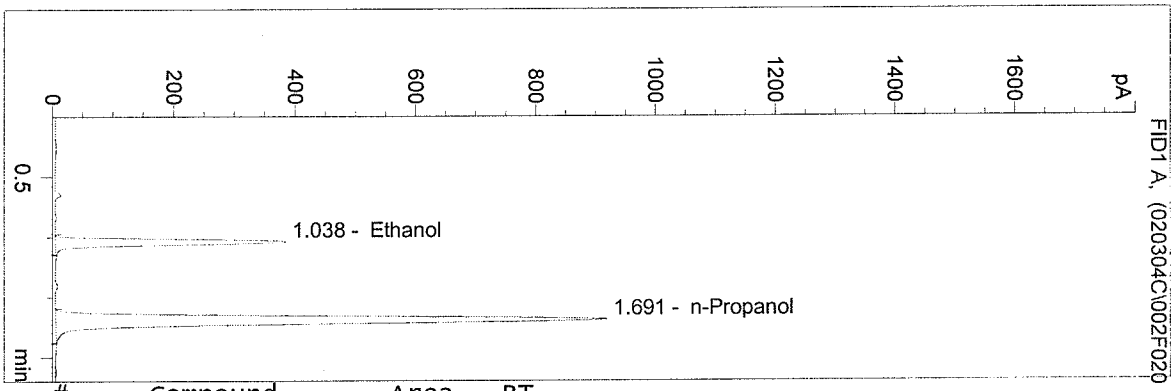
Instrument 2
DB-ALC1

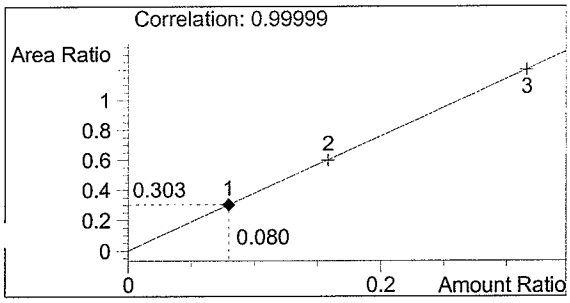
0.079 CAL
SIMULATOR SOLUTION

vial # 2

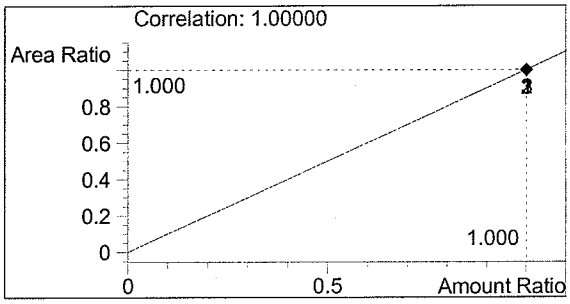


#	Compound	Area	RT
1	Ethanol	1178	1.038
2	n-Propanol	3887	1.691

Totals:



Ethanol 0.080 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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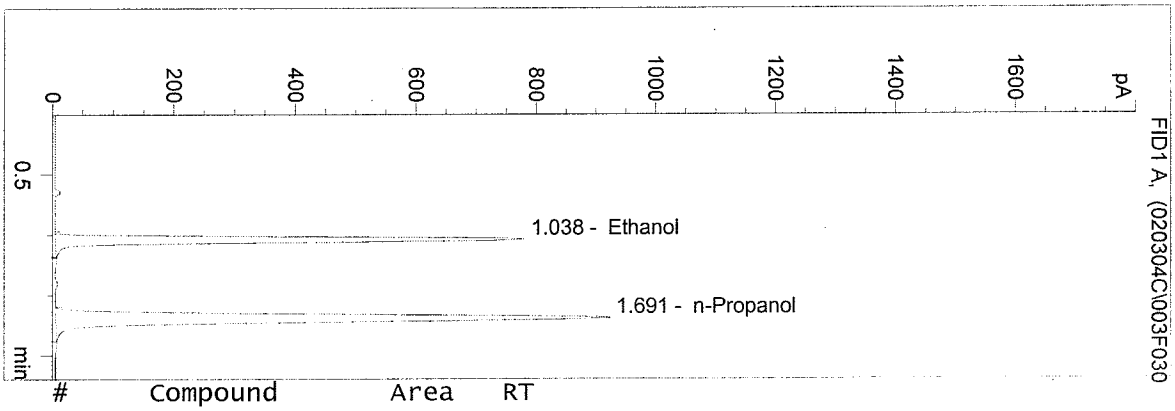
Instrument 2
D?-ALC1

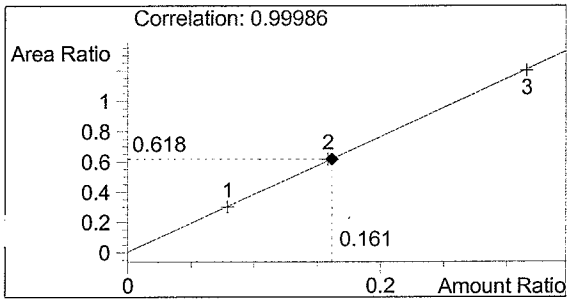
0.158 CAL
SIMULATOR SOLUTION

vial # 3

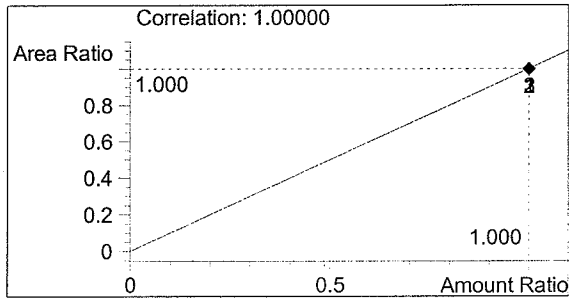


#	Compound	Area	RT
1	Ethanol	2407	1.038
2	n-Propanol	3893	1.691

Totals:



Ethanol 0.161 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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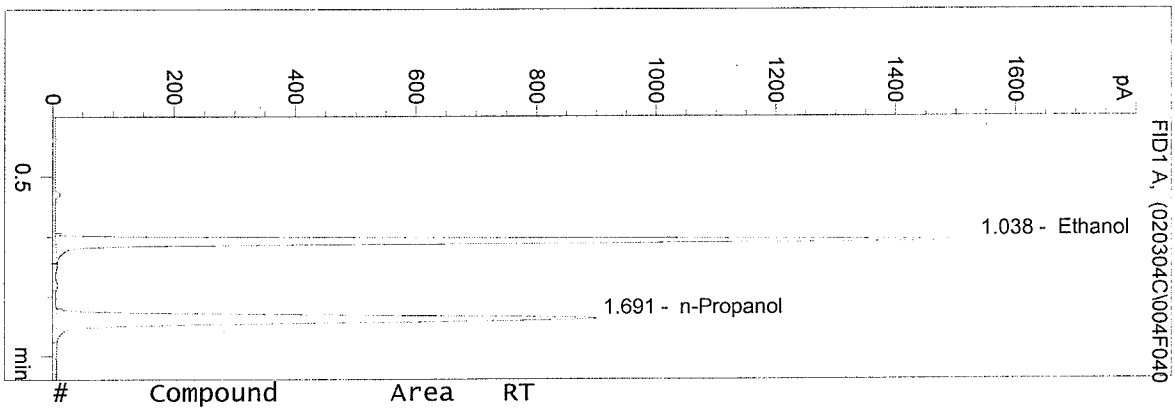
Instrument 2
DP-ALC1

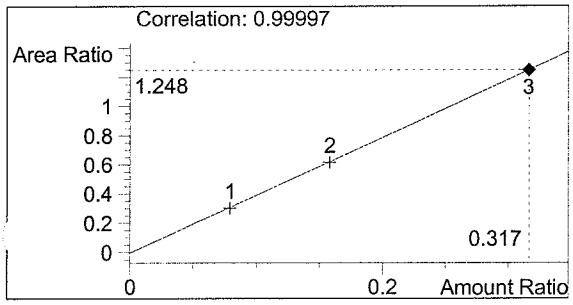
0.316 CAL
SIMULATOR SOLUTION

vial # 4

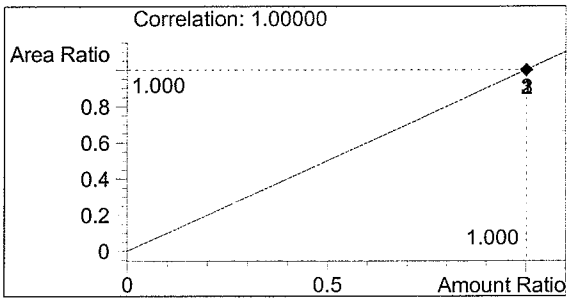


#	Compound	Area	RT
1	Ethanol	4744	1.038
2	n-Propanol	3802	1.691

Totals:



Ethanol 0.317 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DB-ALC1

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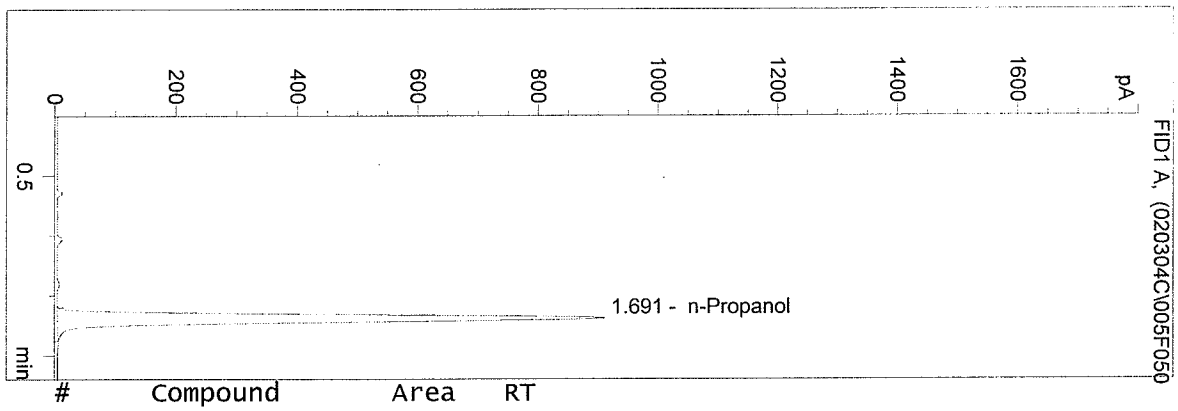
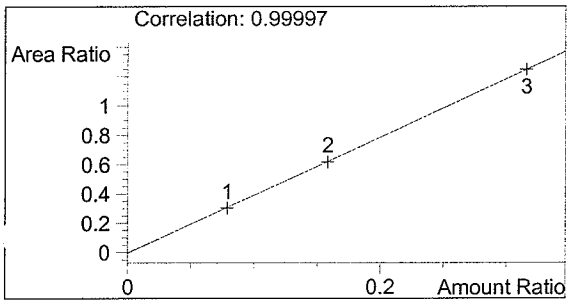
SIMULATOR SOLUTION

vial # 5

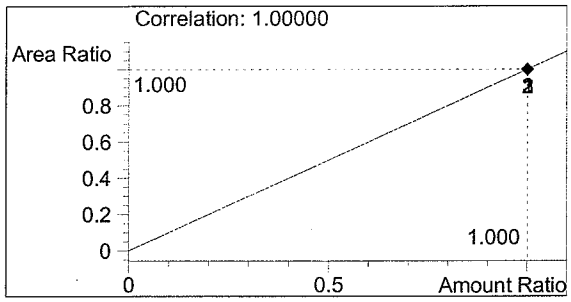


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3832	1.691

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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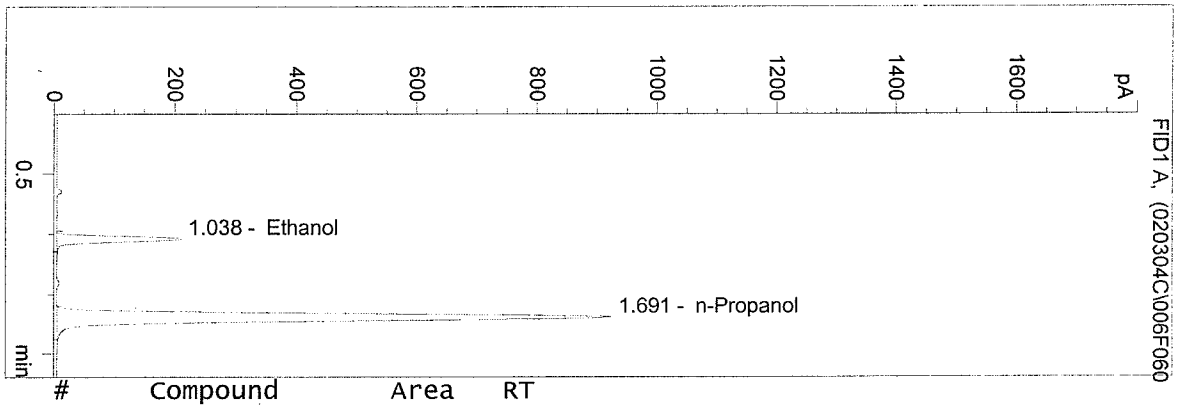
Instrument 2
DP-ALC1

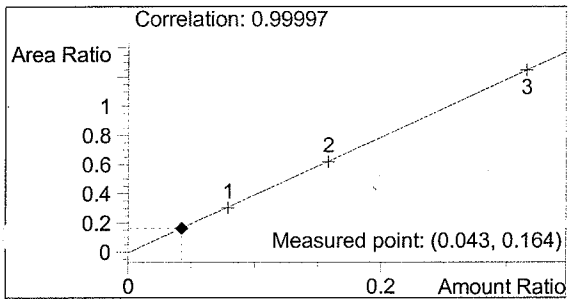
0.04 CAP
SIMULATOR SOLUTION

vial # 6

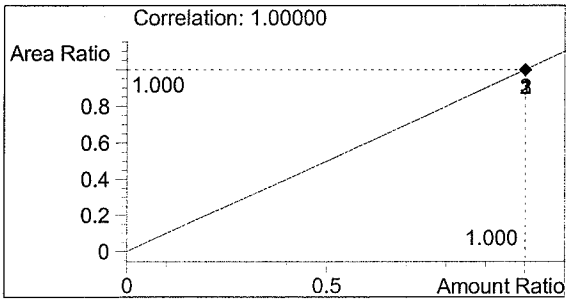


#	Compound	Area	RT
1	Ethanol	641	1.038
2	n-Propanol	3898	1.691

Totals:



Ethanol 0.043 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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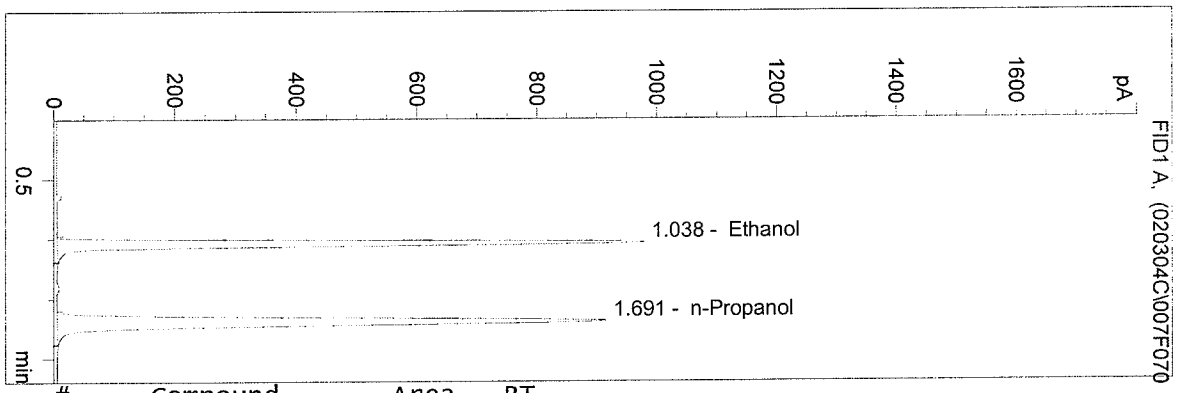
Instrument 2
DP-ALC1

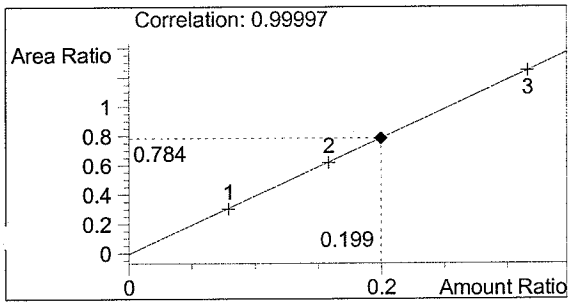
0.20 CONTROL
SIMULATOR SOLUTION

vial # 7

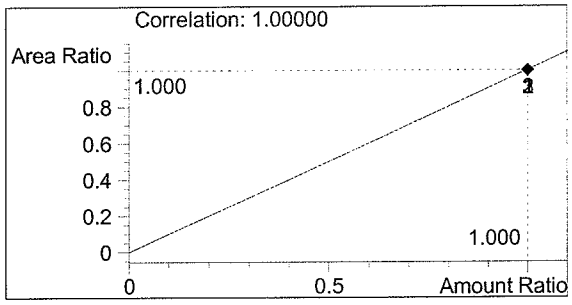


#	Compound	Area	RT
1	Ethanol	3028	1.038
2	n-Propanol	3860	1.691

Totals:



Ethanol 0.199 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
DB-ALC1

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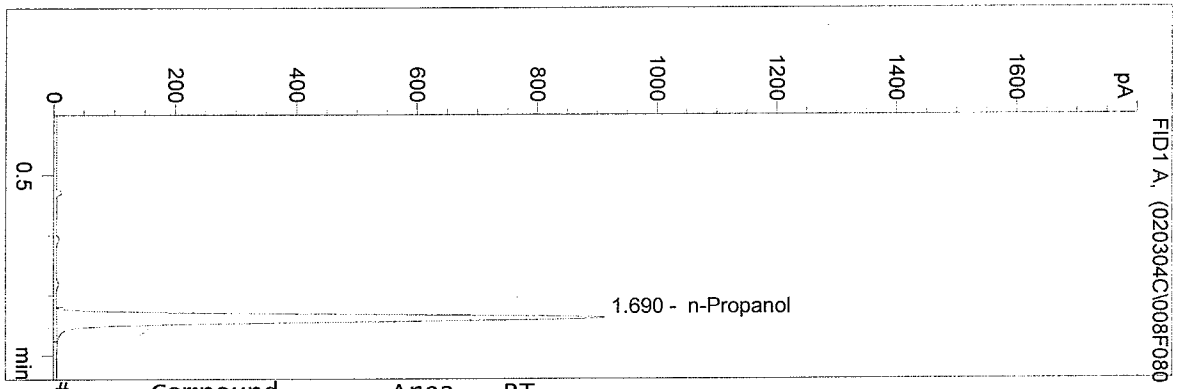
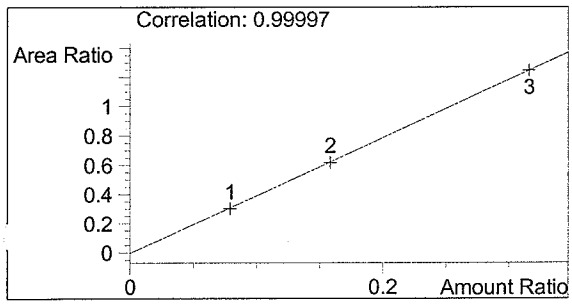
SIMULATOR SOLUTION

vial # 8

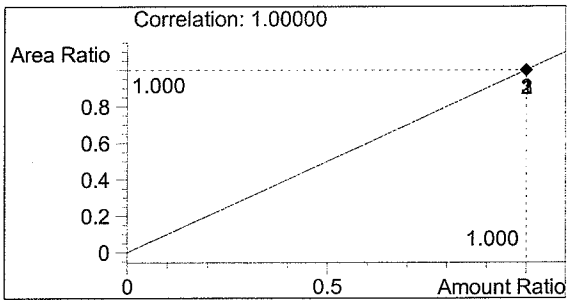


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3849	1.690

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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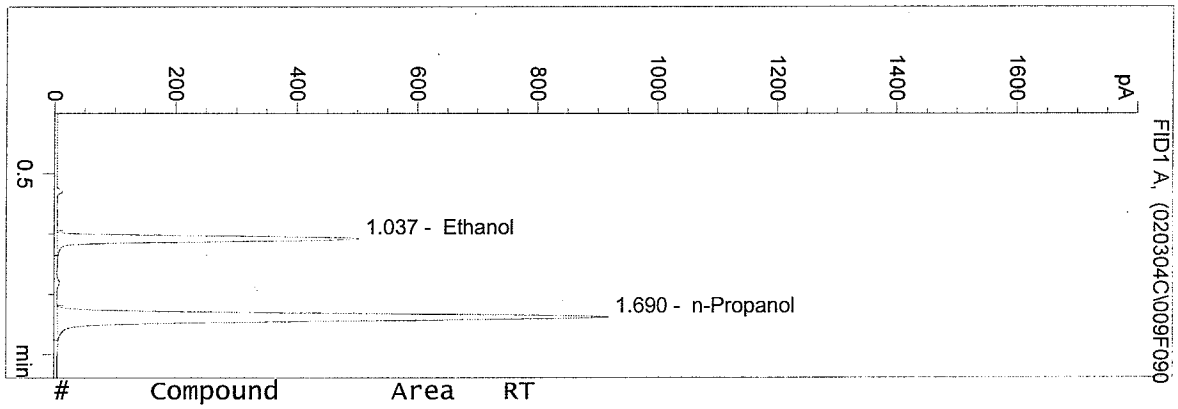
2/3/04 12:47:52 PM
Instrument 2
DB-ALC1

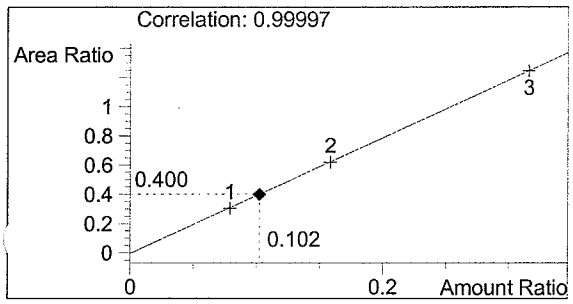
04001 - EF
SIMULATOR SOLUTION

vial # 9

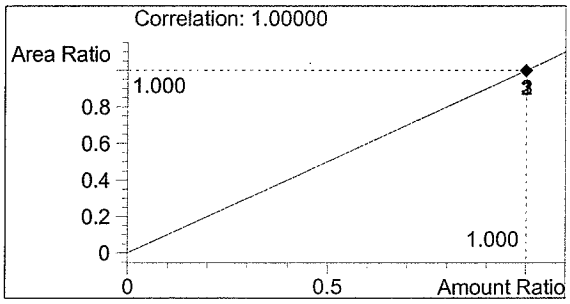


#	Compound	Area	RT
1	Ethanol	1549	1.037
2	n-Propanol	3873	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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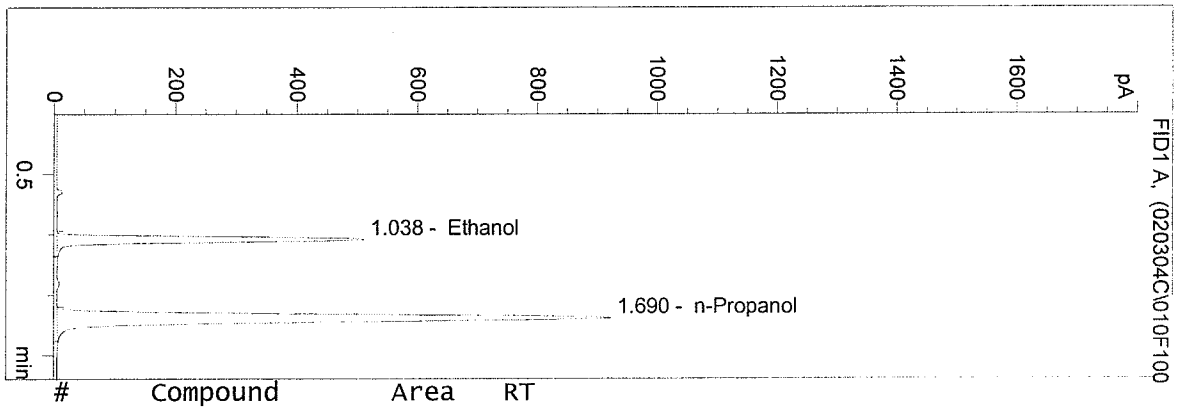
2/3/04 12:50:56 PM
Instrument 2
DB-ALC1

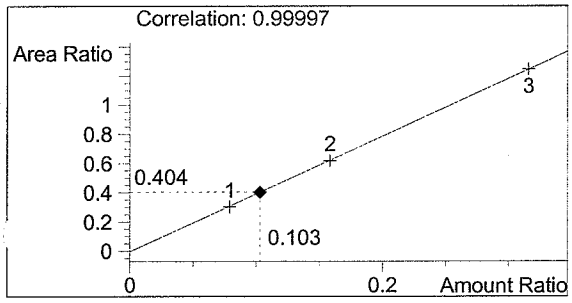
04001 - EF
SIMULATOR SOLUTION

vial # 10

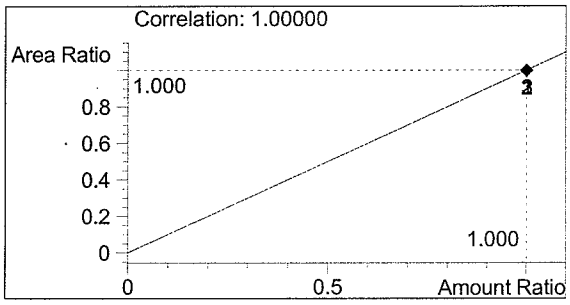


#	Compound	Area	RT
1	Ethanol	1569	1.038
2	n-Propanol	3889	1.690

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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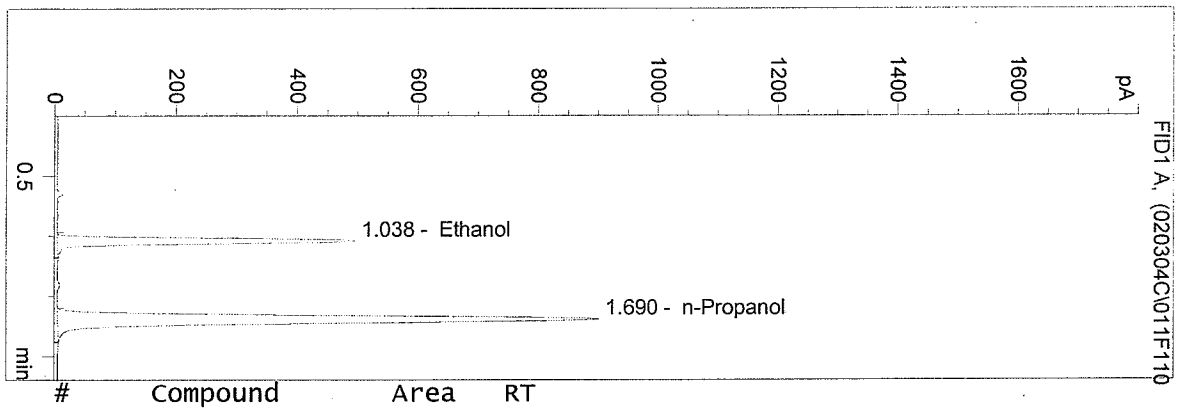
2/3/04 12:54:01 PM
Instrument 2
DB-ALC1

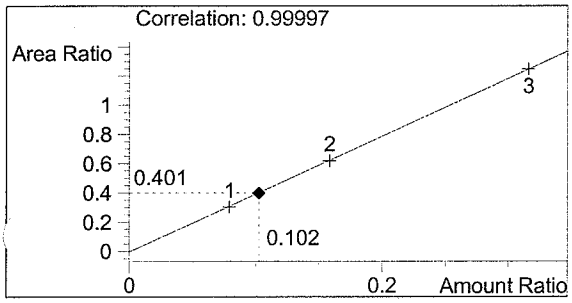
04001 - EF
SIMULATOR SOLUTION

vial # 11

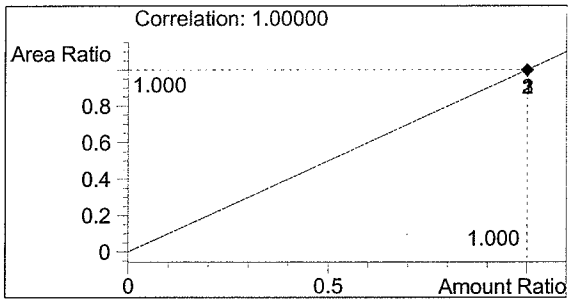


#	Compound	Area	RT
1	Ethanol	1525	1.038
2	n-Propanol	3807	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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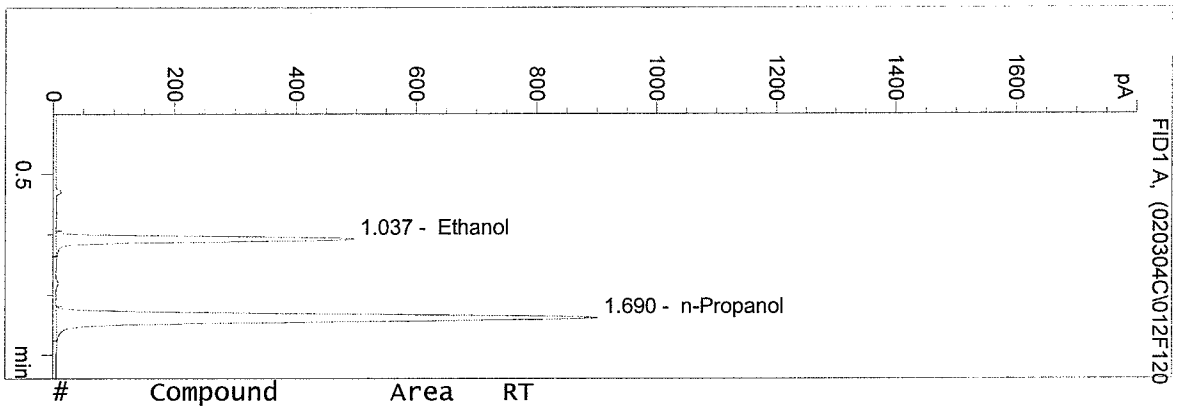
2/3/04 12:57:06 PM
Instrument 2
DB-ALC1

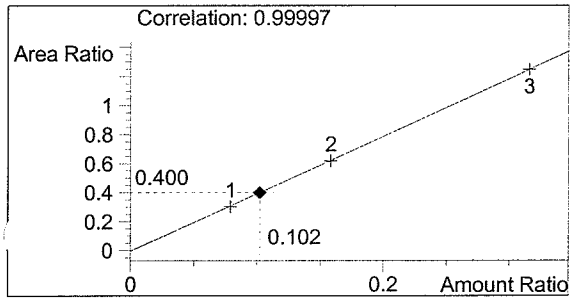
04001 - EF
SIMULATOR SOLUTION

vial # 12

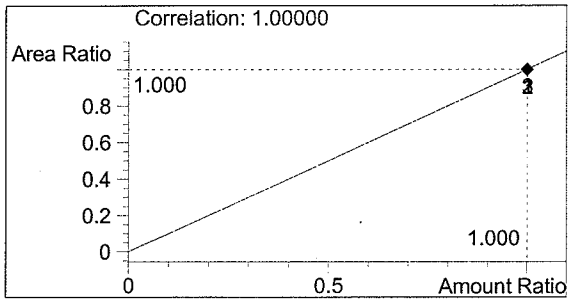


#	Compound	Area	RT
1	Ethanol	1524	1.037
2	n-Propanol	3807	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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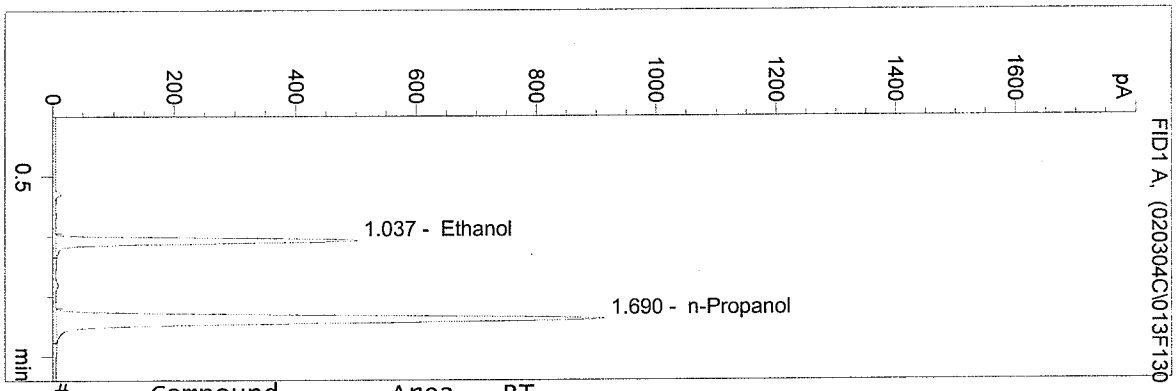
Instrument 2
DB-ALC1

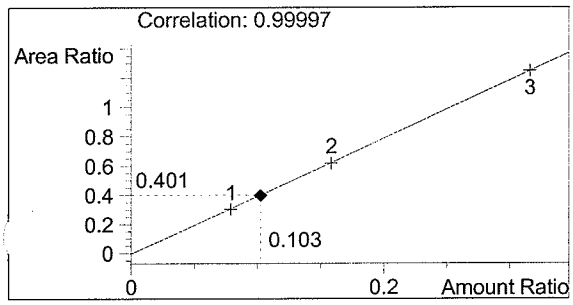
04001 - EF
SIMULATOR SOLUTION

vial # 13

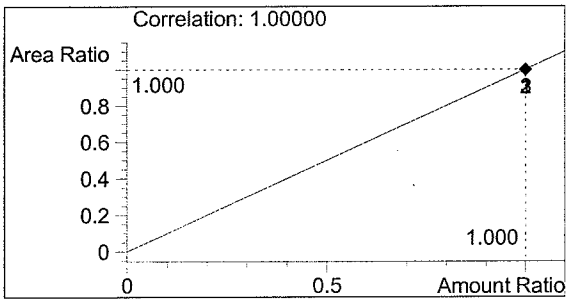


#	Compound	Area	RT
1	Ethanol	1543	1.037
2	n-Propanol	3847	1.690

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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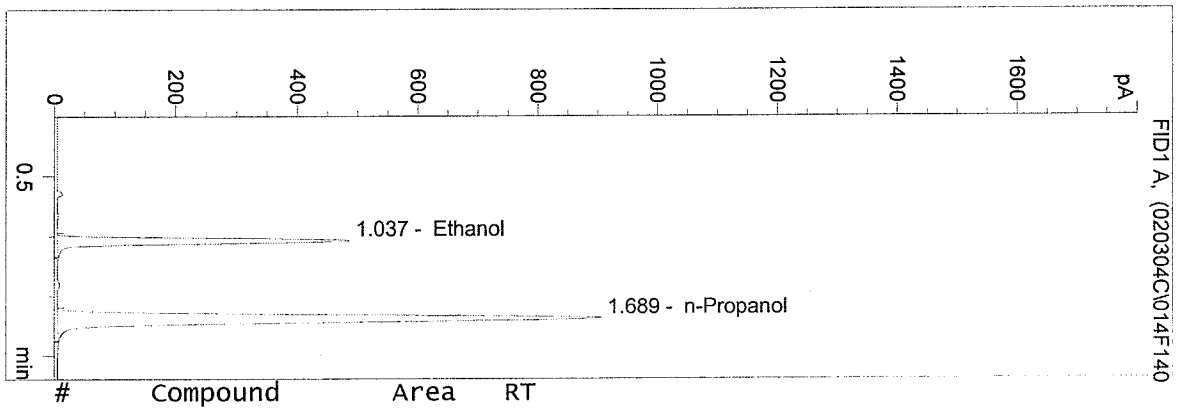
2/3/04 1:03:15 PM
Instrument 2
DB-ALC1

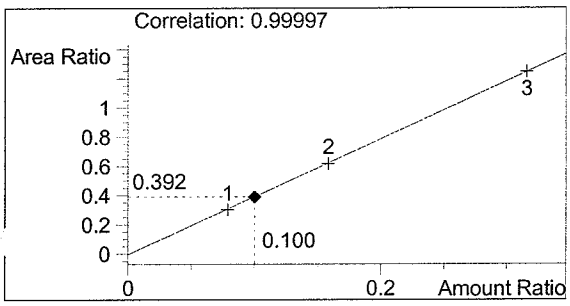
0.10 CONT - EF
SIMULATOR SOLUTION

vial # 14

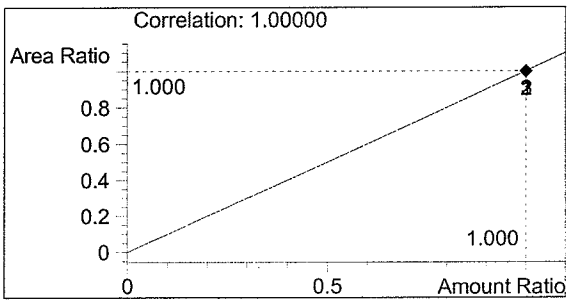


#	Compound	Area	RT
1	Ethanol	1491	1.037
2	n-Propanol	3808	1.689

Totals:



Ethanol 0.100 g/100ml



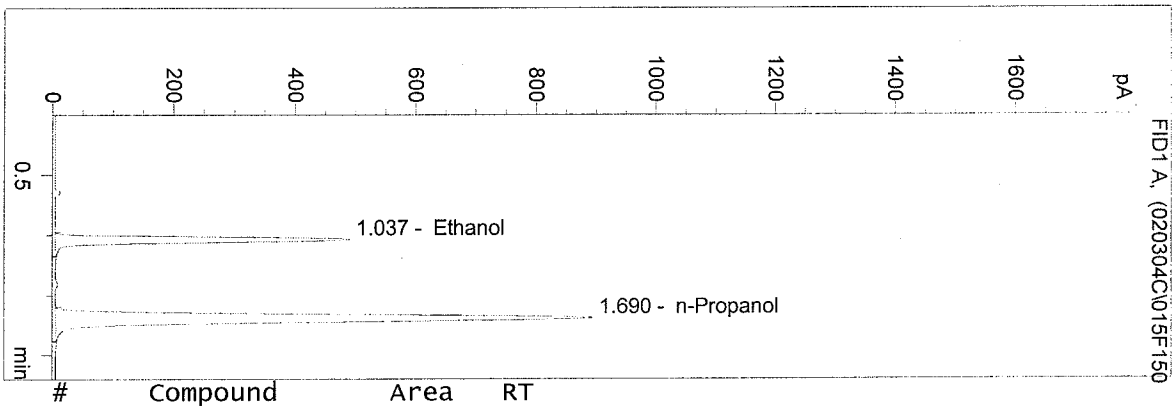
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
2/3/04 1:06:20 PM
Instrument 2
DB-ALC1

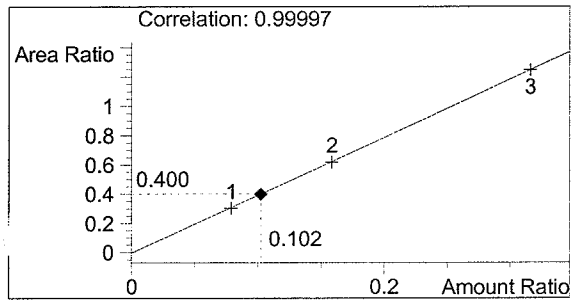
04001 - AMG
SIMULATOR SOLUTION

vial # 15

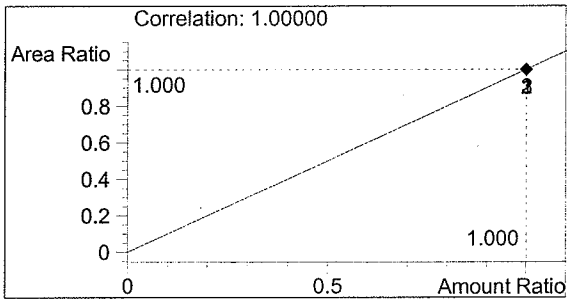


#	Compound	Area	RT
1	Ethanol	1504	1.037
2	n-Propanol	3760	1.690

Totals:



Ethanol 0.102 g/100ml



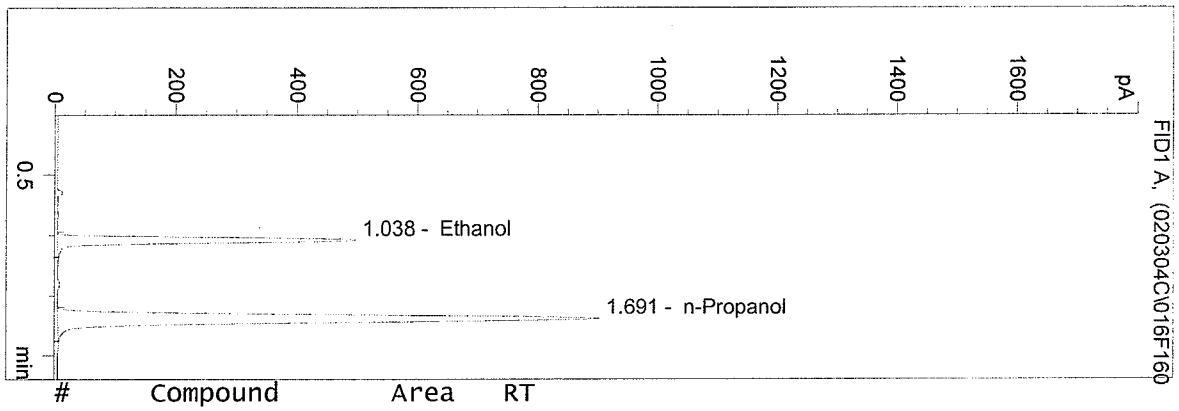
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
2/3/04 1:09:25 PM
Instrument 2
PP-ALC1

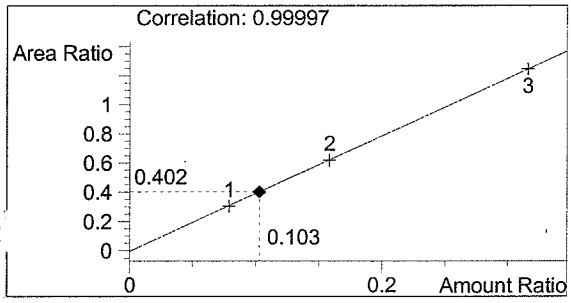
04001 - AMG
SIMULATOR SOLUTION

vial # 16

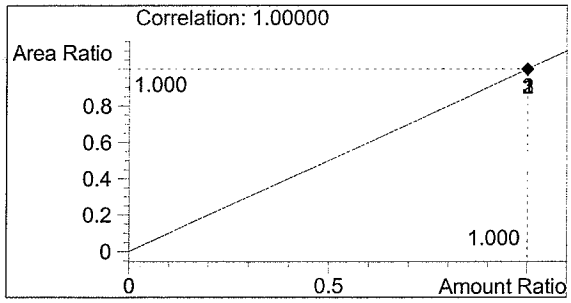


#	Compound	Area	RT
1	Ethanol	1529	1.038
2	n-Propanol	3802	1.691

Totals:



Ethanol 0.103 g/100ml



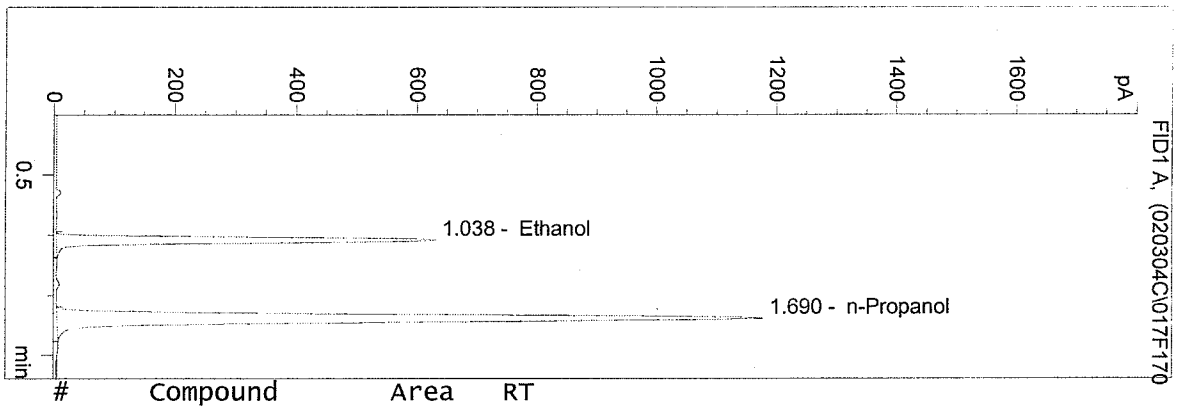
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
2/3/04 1:39:49 PM
Instrument 2
DB-ALC1

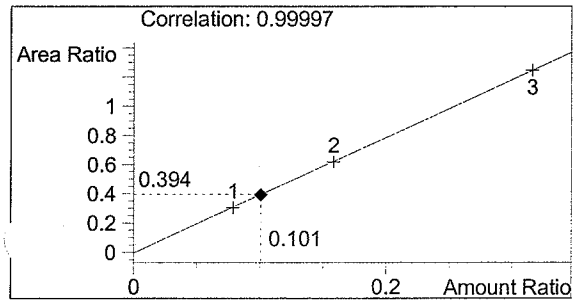
04001 - AMG
SIMULATOR SOLUTION

vial # 17

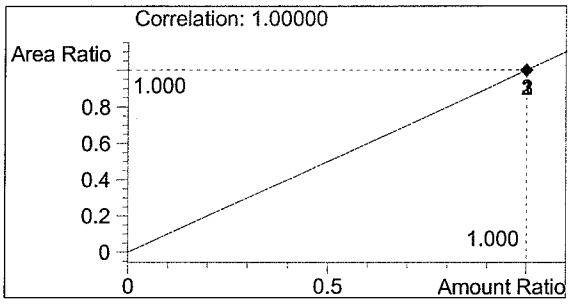


#	Compound	Area	RT
1	Ethanol	1969	1.038
2	n-Propanol	4995	1.690

Totals:



Ethanol 0.101 g/100ml



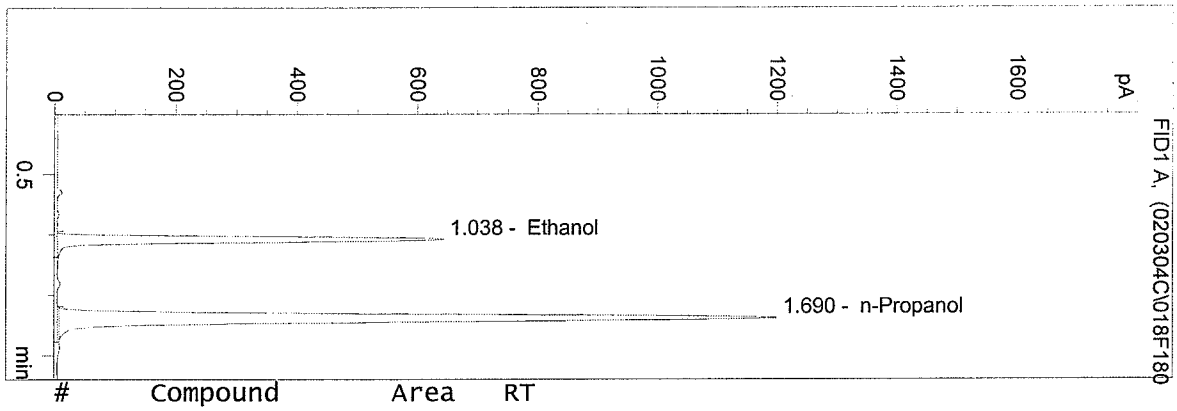
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
2/3/04 1:42:58 PM
Instrument 2
DB-ALC1

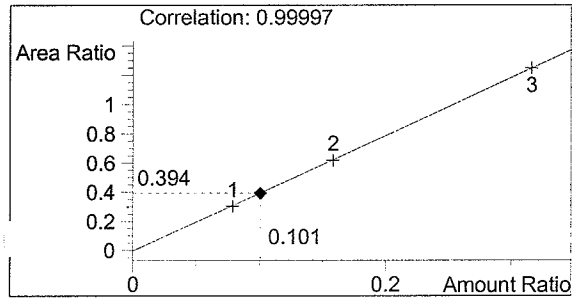
04001 - AMG
SIMULATOR SOLUTION

vial # 18

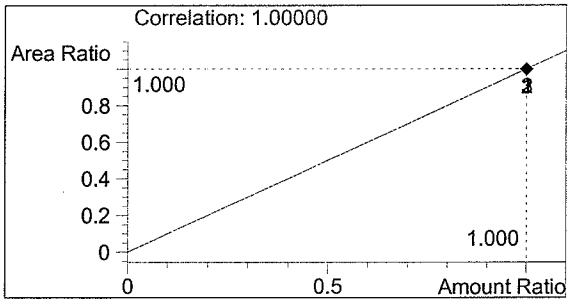


#	Compound	Area	RT
1	Ethanol	2009	1.038
2	n-Propanol	5097	1.690

Totals:



Ethanol 0.101 g/100ml



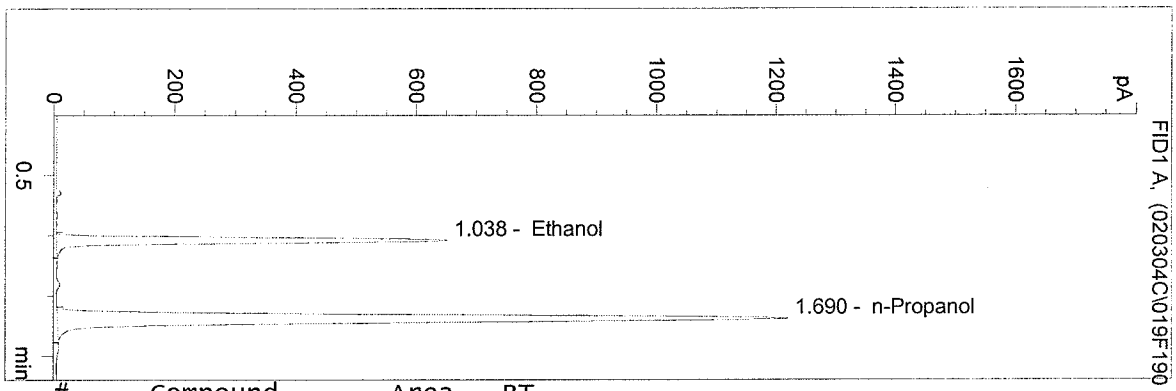
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
2/3/04 1:46:04 PM
Instrument 2
DB-ALC1

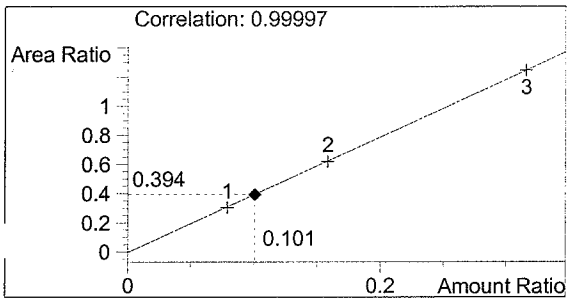
04001 - AMG
SIMULATOR SOLUTION

vial # 19

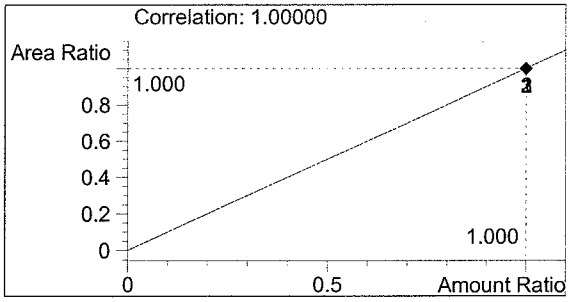


#	Compound	Area	RT
1	Ethanol	2036	1.038
2	n-Propanol	5168	1.690

Totals:



Ethanol 0.101 g/100ml



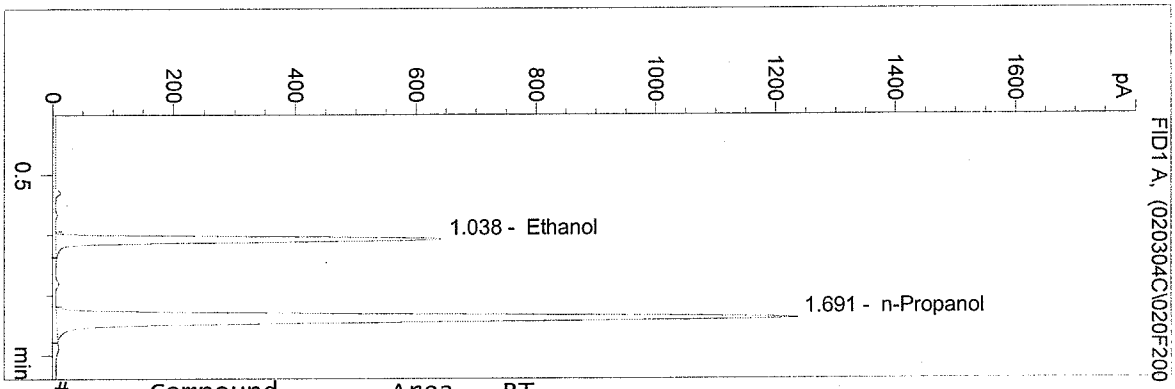
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
2/3/04 1:49:12 PM
Instrument 2
DB-ALC1

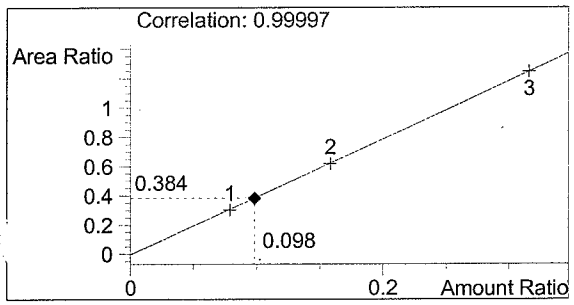
0.10 CONT - AMG
SIMULATOR SOLUTION

vial # 20

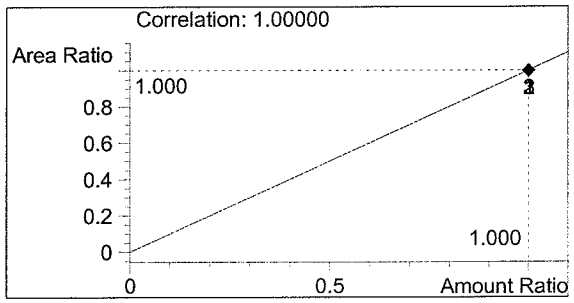


#	Compound	Area	RT
1	Ethanol	2016	1.038
2	n-Propanol	5248	1.691

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml