WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
WASHINGTON STATE PATROL
2203 AIRPORT WAY S, SUITE 360
SEATTLE, WASHINGTON 98134-2027
(206) 464-5435 FAX (206) 389-2738

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

Batch number **03008** Date: 4/18/2003

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

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

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

0.099 mP 12.11.12 0.099 mP 12.11.12

External Control:

Lot #: A022167 Exp date: 1/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1010 g/100 mL

SD: 0.00109

Range (3xSD): 0.0977 to 0.1042

Precision CV (%): 1.0784 %

Equivalent vapor concent.: 0.0821 g/210L

Analyst	Name	Signature	Date
1	Asa Louis		04/18/03
2	Mary E Wilson		04/18/03
3	Estuardo J. Miranda		04/18/03
4	Jayne E. Thatcher		04/21/03
5	Eugene Schwilke		04/22/03
6	Melissa Pemberton		04/25/03
7	William P Marshall		04/24/03
8	Naziha Nuwayhid, PhD		04/25/03
9	Edward Formoso		04/28/03
10	Ann Marie Gordon		04/29/03
11	Dora Schranz		04/30/03
12			

DS

Prepared by: Asa Louis according to the approved protocol

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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 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/bf
AJLSIMSOL

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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.

The simulator solution, Lot Number 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/bf
MEWSIMSOL

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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 03008 was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/bf
EMSIMSOL

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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 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/bf
JTSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

Gene Schwilke

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

GS/bf
GSSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/bf
WMSIMSOL

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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 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/bf
NNSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
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 twelve years of experience as a forensic toxicologist.

The simulator solution, Lot Number 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/bf
AGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Dorota Schranz, 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: Ph.D. degree in Medical Sciences, M.S. degree in Medical Technology, and nine years analytical laboratory experience.

The simulator solution, Lot Number 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

D. Schranz

Dorota Schranz, Ph.D.
Forensic Toxicology Technical Lead

DS/bf
DSSIMSOL

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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 03008, was prepared in the Washington State Toxicology Laboratory on 4/18/03. 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 4/18/04.

Dated: 5/5/03
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/bf
MPSIMSOL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/18/03 7:43:30 AM
Instrument 3
DB-ALC1

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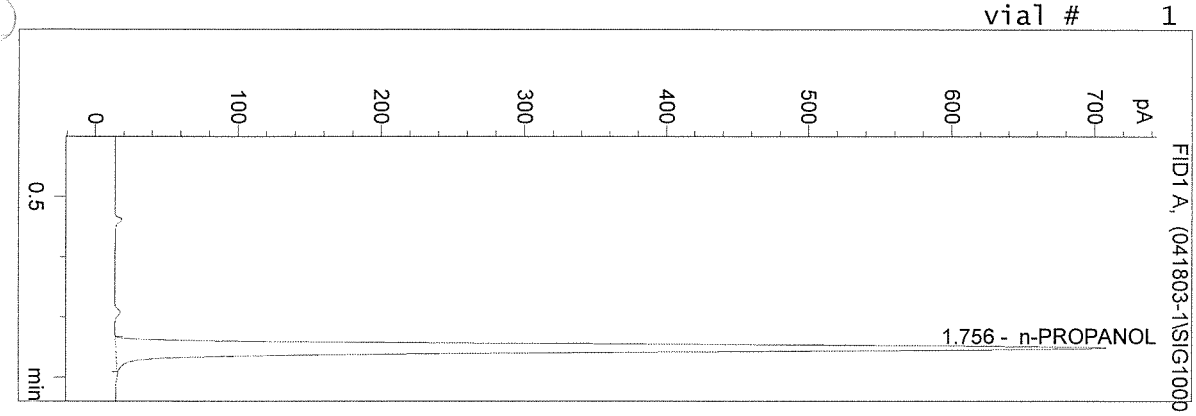
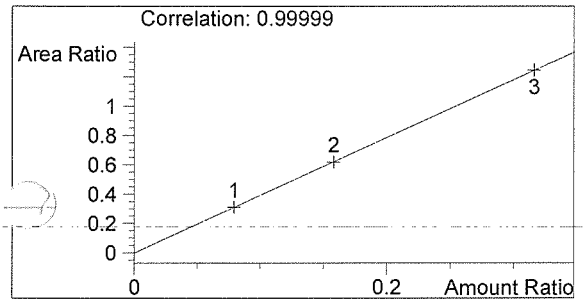
ASA LOUIS

vial # 1

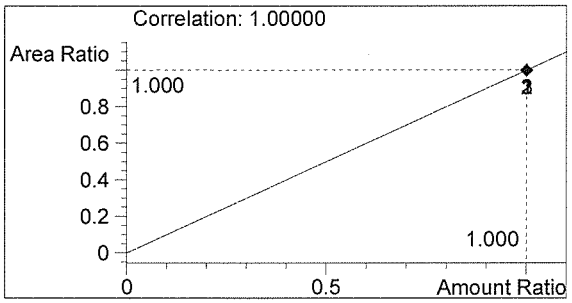


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3177	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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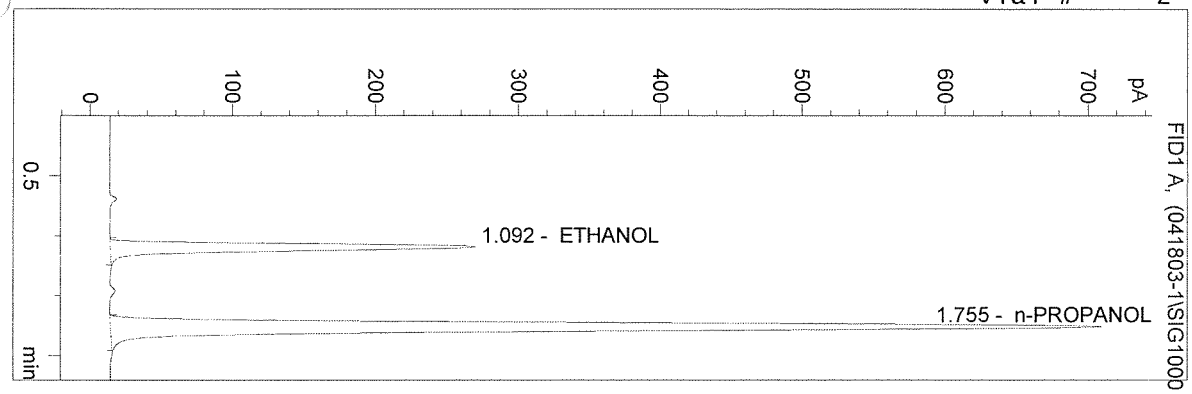
Instrument 3
DB-ALC1

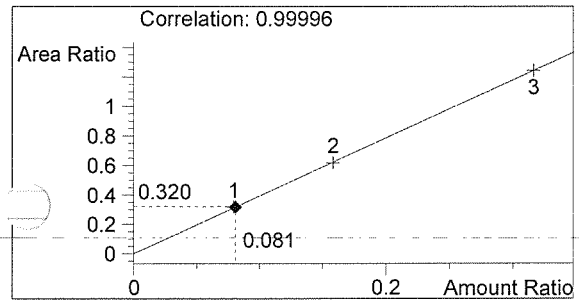
0.079 CAL
ASA LOUIS

vial # 2

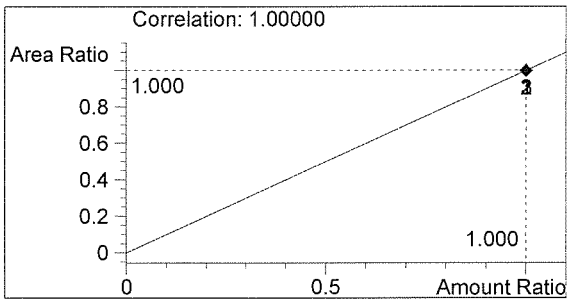


#	Compound	Area	RT
1	ETHANOL	1026	1.092
2	n-PROPANOL	3205	1.755

Totals:



ETHANOL 0.081 g/100mL



n-PROPANOL 1.000 g/100mL

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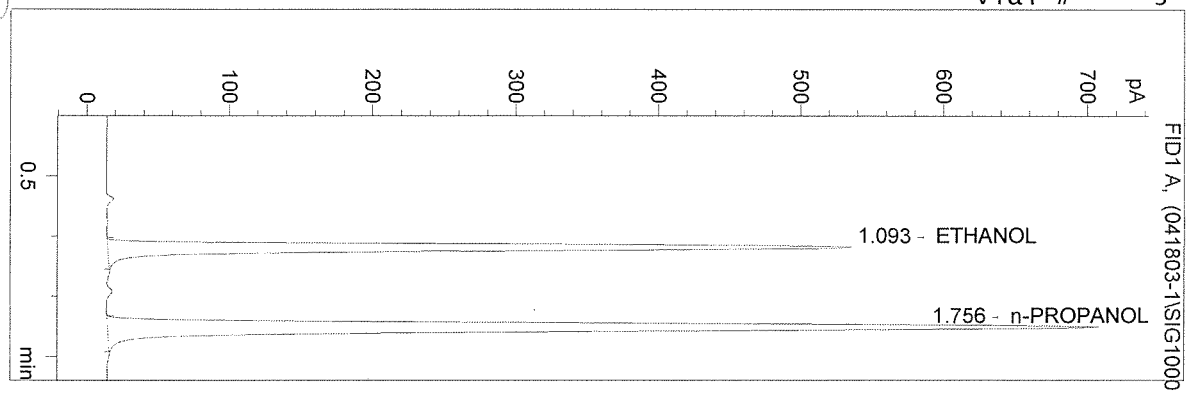
C:\HPCHEM\1\METHODS\BLDALCO3.M
4/18/03 7:50:17 AM
Instrument 3
DB-ALC1

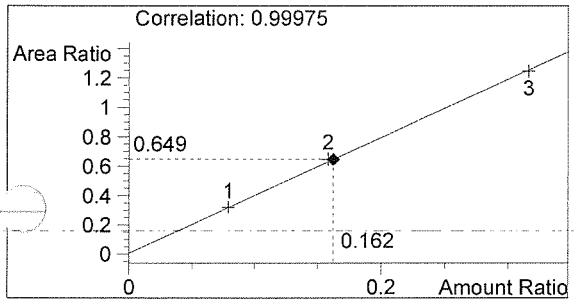
0.158 CAL
ASA LOUIS

vial # 3

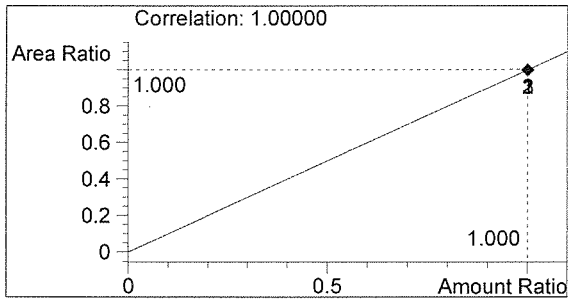


#	Compound	Area	RT
1	ETHANOL	2038	1.093
2	n-PROPANOL	3141	1.756

Totals:



ETHANOL 0.162 g/100mL



n-PROPANOL 1.000 g/100mL

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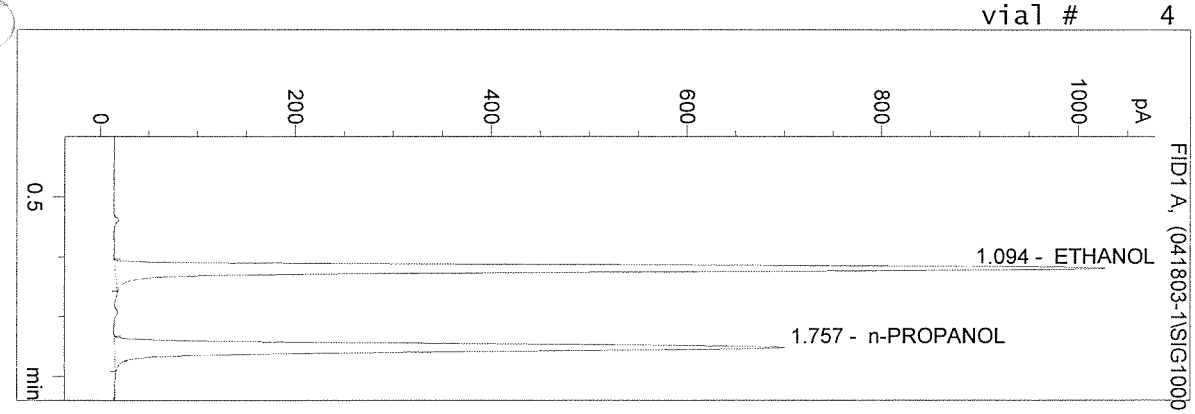
Instrument 3
DB-ALC1

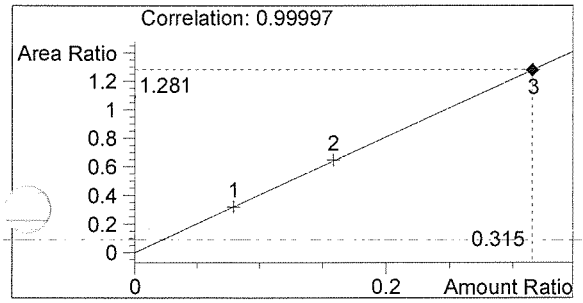
0.316 CAL
ASA LOUIS

vial # 4

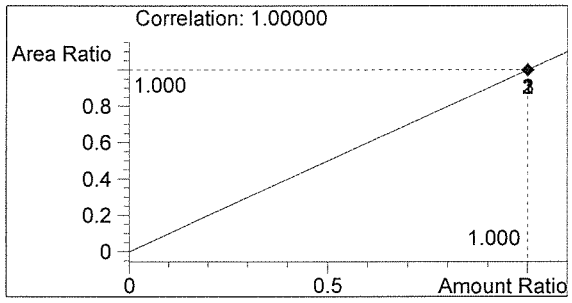


#	Compound	Area	RT
1	ETHANOL	4016	1.094
2	n-PROPANOL	3136	1.757

Totals:



ETHANOL 0.315 g/100mL



n-PROPANOL 1.000 g/100mL

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4/18/03 7:57:17 AM
Instrument 3
DB-ALC1

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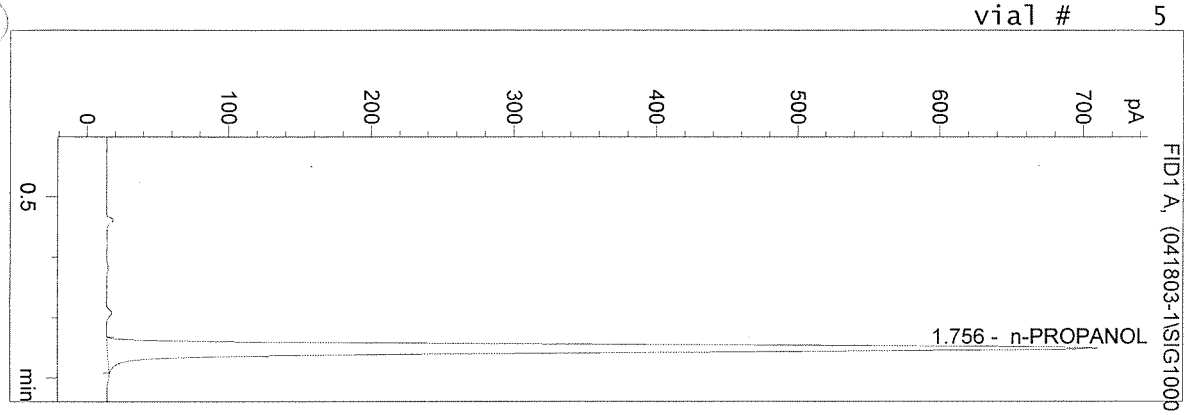
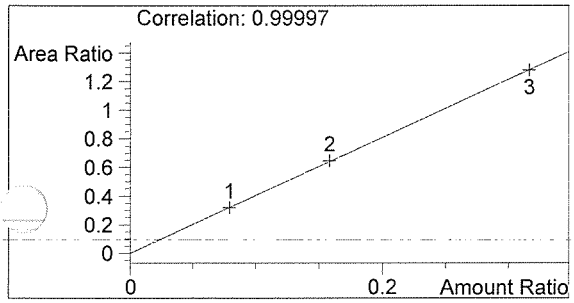
ASA LOUIS

vial # 5

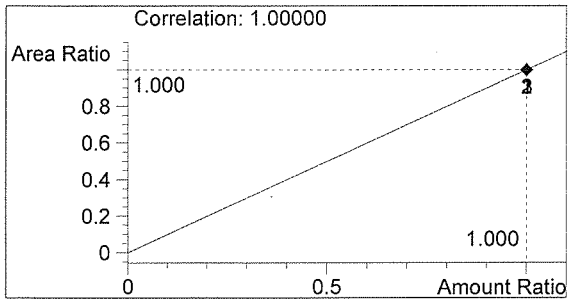


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3188	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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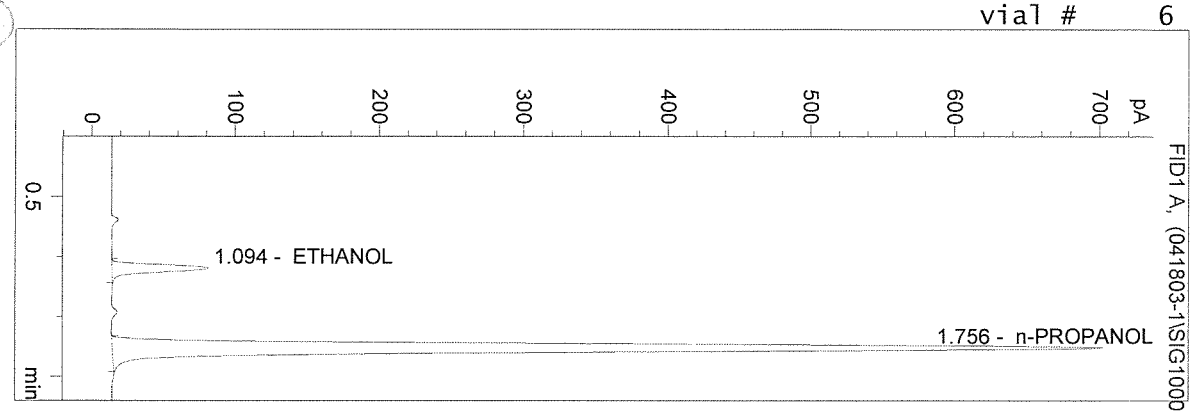
Instrument 3
DB-ALC1

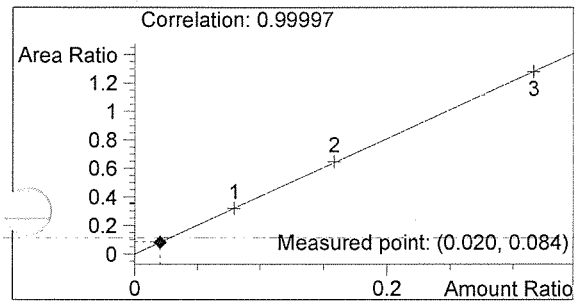
0.02 STD
ASA LOUIS

vial # 6

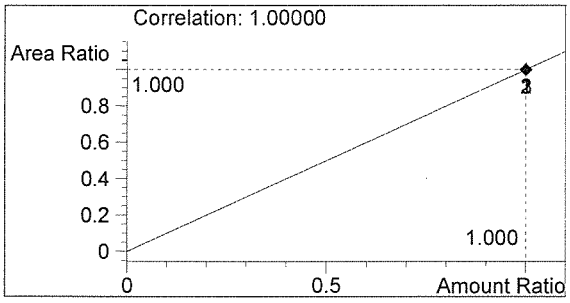


#	Compound	Area	RT
1	ETHANOL	264	1.094
2	n-PROPANOL	3134	1.756

Totals:



ETHANOL 0.020 g/100mL



n-PROPANOL 1.000 g/100mL

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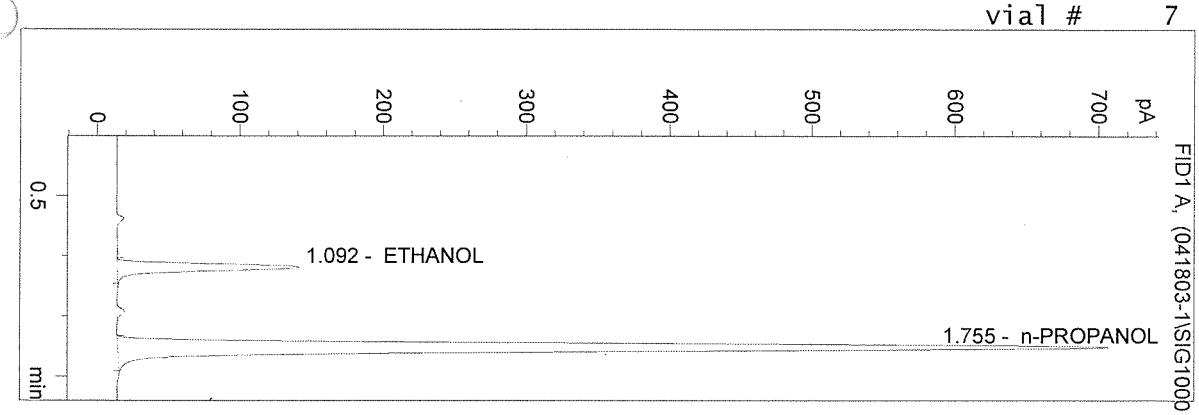
C:\HPCHEM\1\METHODS\BLDALCO3.M
4/18/03 8:04:04 AM
Instrument 3
DB-ALC1

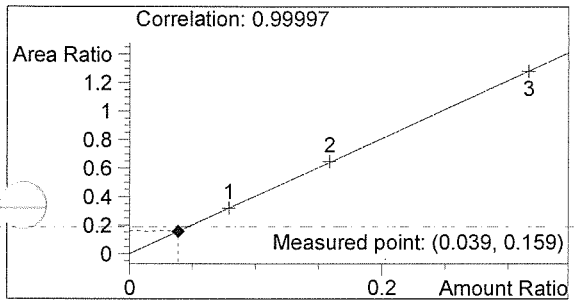
0.04 CAP
ASA LOUIS

vial # 7

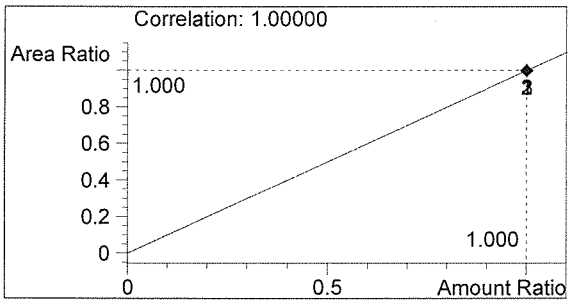


#	Compound	Area	RT
1	ETHANOL	505	1.092
2	n-PROPANOL	3169	1.755

Totals:



ETHANOL 0.039 g/100mL

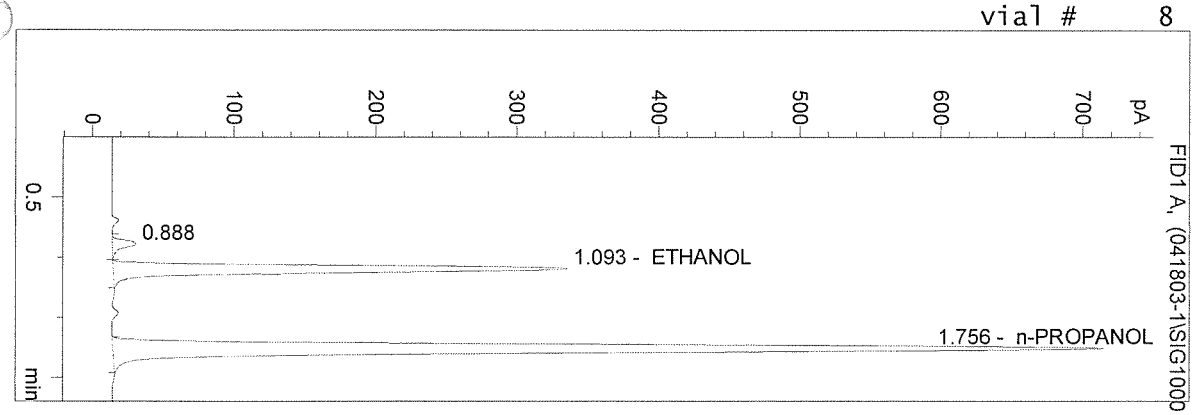


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/18/03 8:07:27 AM
Instrument 3
DB-ALC1

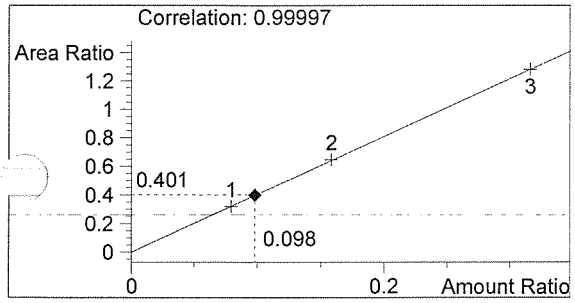
0.10 CONTROL
ASA LOUIS

vial # 8

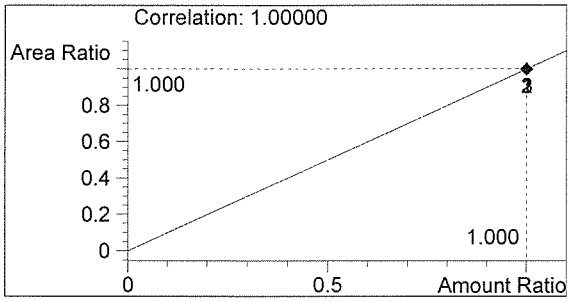


#	Compound	Area	RT
1		70	0.888
2	ETHANOL	1286	1.093
3	n-PROPANOL	3211	1.756

Totals:



ETHANOL 0.098 g/100mL



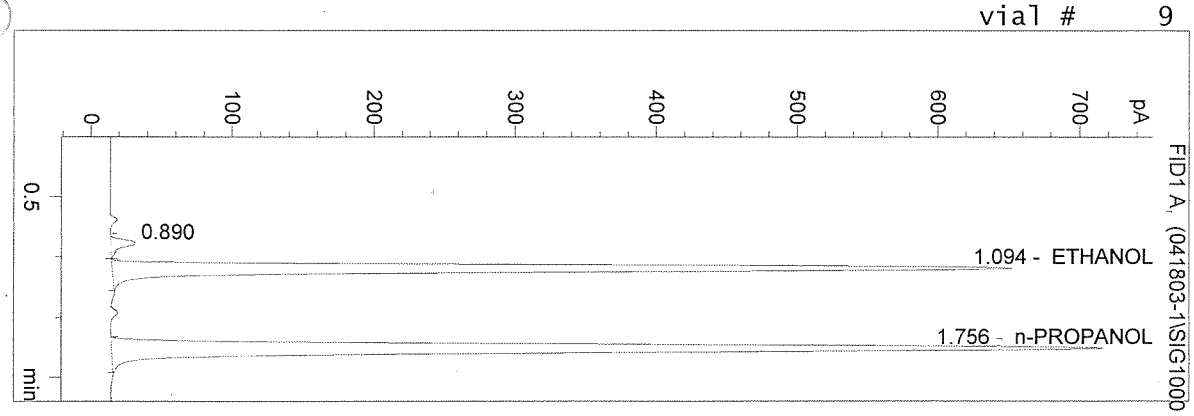
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/18/03 8:10:50 AM
Instrument 3
DB-ALC1

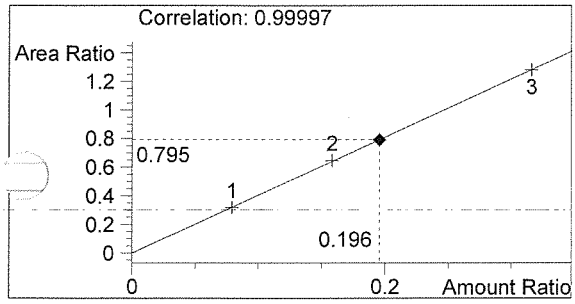
0.20 CONTROL
ASA LOUIS

vial # 9

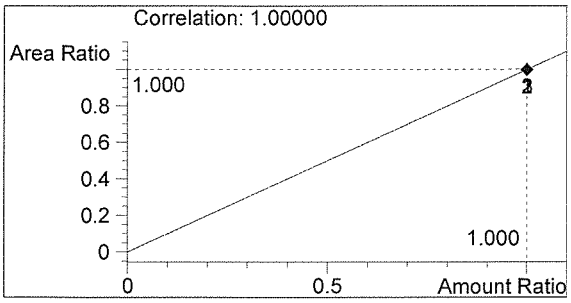


#	Compound	Area	RT
1		75	0.890
2	ETHANOL	2564	1.094
3	n-PROPANOL	3226	1.756

Totals:



ETHANOL 0.196 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
DB-ALC1

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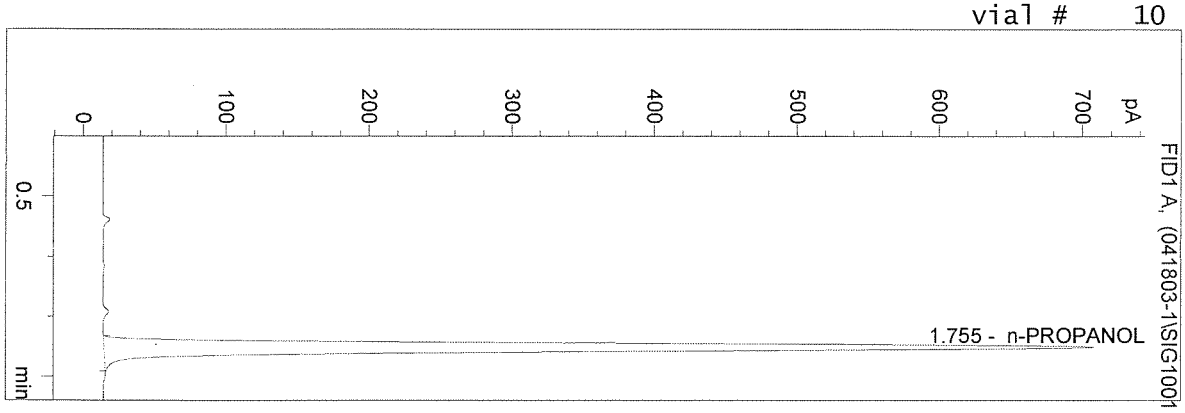
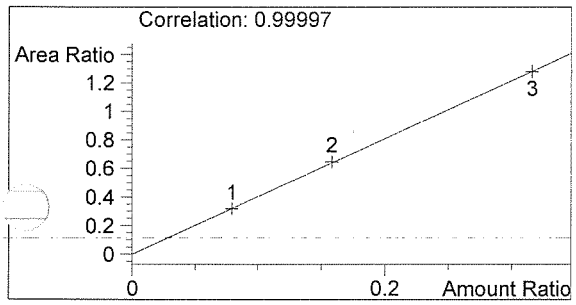
ASA LOUIS

vial # 10

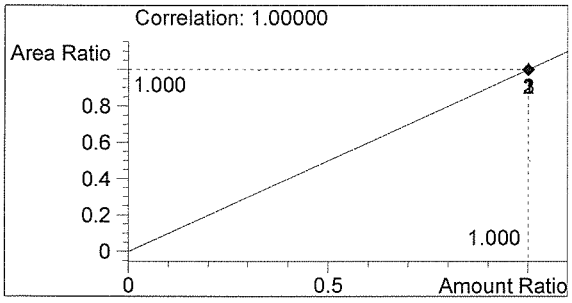


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3201	1.755

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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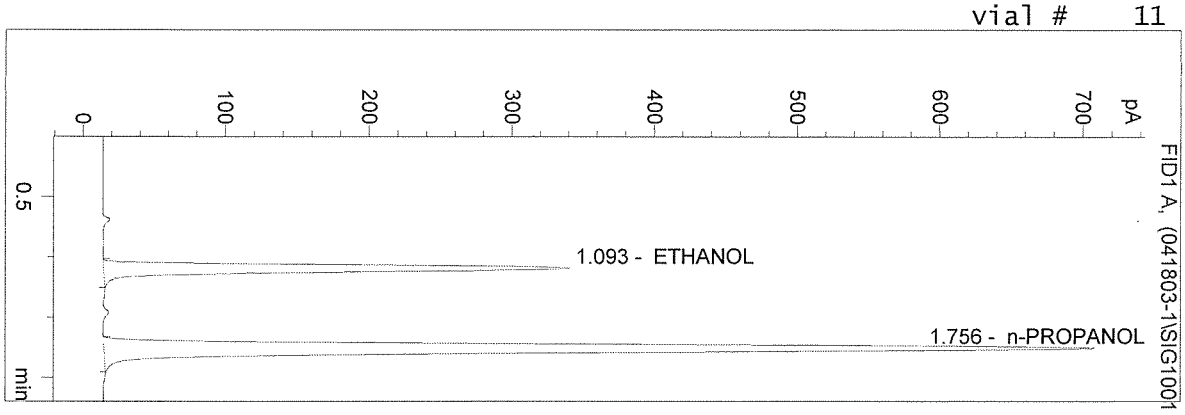
4/18/03 8:17:37 AM
Instrument 3
DB-ALC1

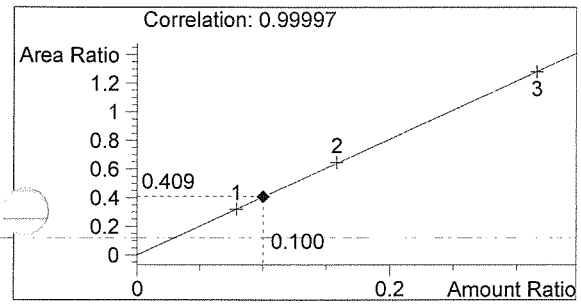
03008 SIM SOL AL
ASA LOUIS

vial # 11

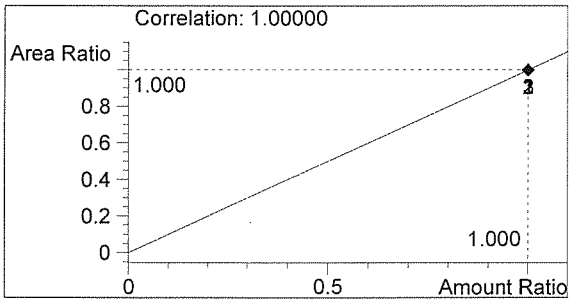


#	Compound	Area	RT
1	ETHANOL	1305	1.093
2	n-PROPANOL	3189	1.756

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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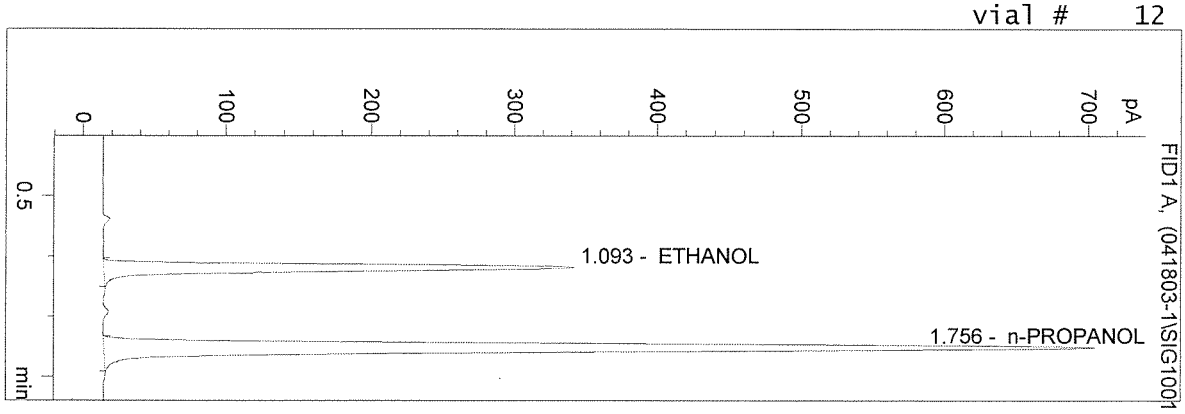
4/18/03 8:21:00 AM
Instrument 3
DB-ALC1

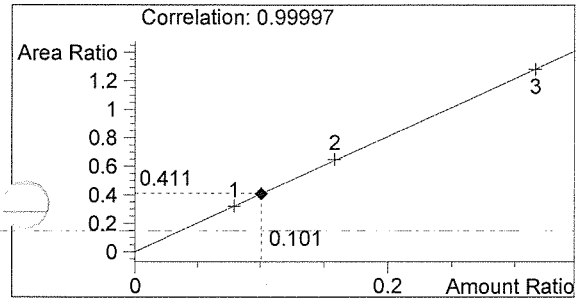
03008 SIM SOL AL
ASA LOUIS

vial # 12

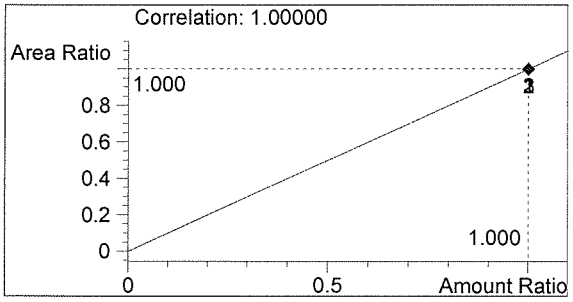


#	Compound	Area	RT
1	ETHANOL	1299	1.093
2	n-PROPANOL	3162	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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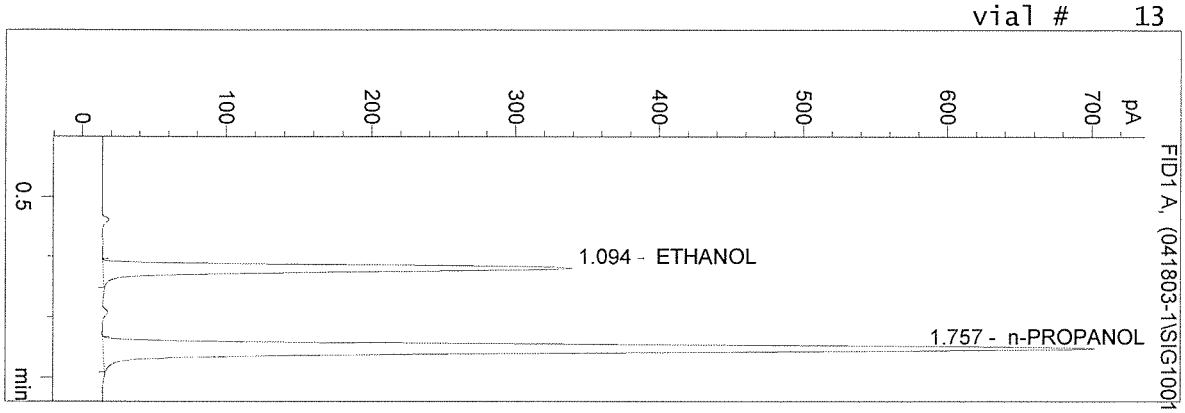
4/18/03 8:24:23 AM
Instrument 3
DB-ALC1

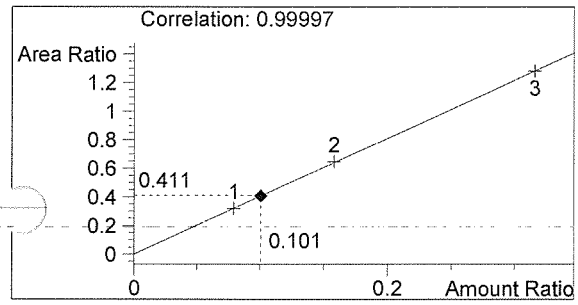
03008 SIM SOL AL
ASA LOUIS

vial # 13

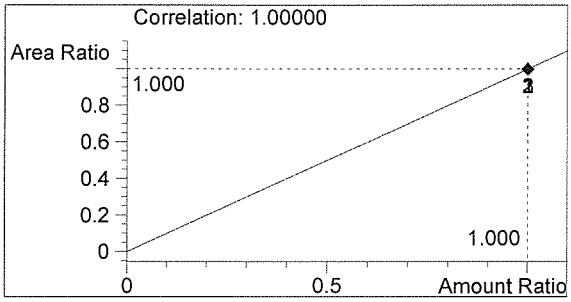


#	Compound	Area	RT
1	ETHANOL	1303	1.094
2	n-PROPANOL	3171	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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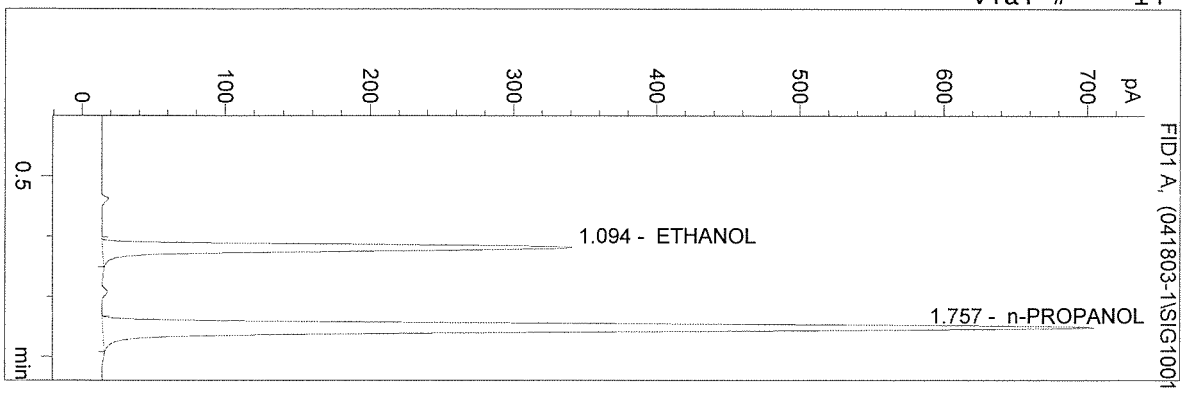
4/18/03 8:27:47 AM
Instrument 3
DB-ALC1

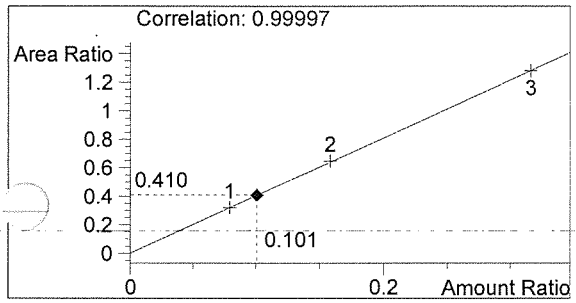
03008 SIM SOL AL
ASA LOUIS

vial # 14

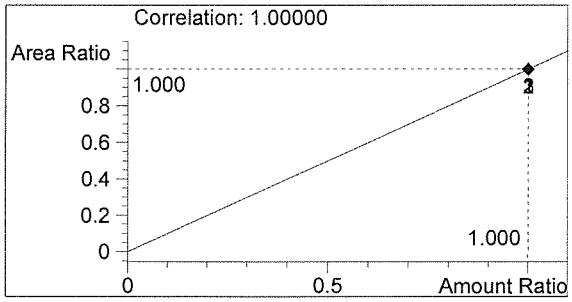


#	Compound	Area	RT
1	ETHANOL	1294	1.094
2	n-PROPANOL	3156	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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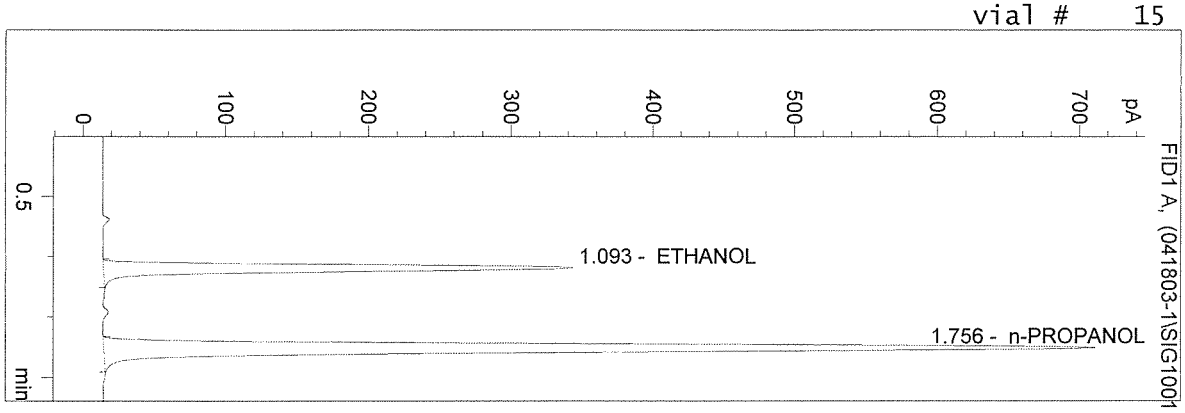
4/18/03 8:31:10 AM
Instrument 3
DB-ALC1

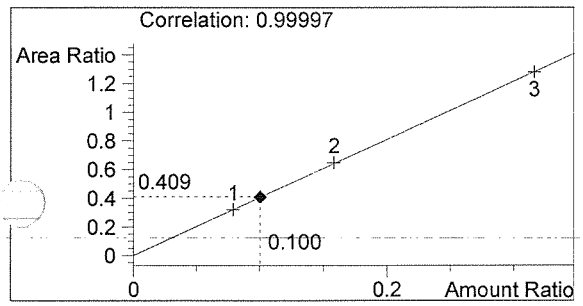
03008 SIM SOL AL
ASA LOUIS

vial # 15

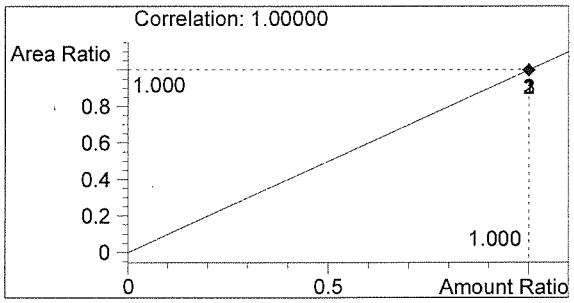


#	Compound	Area	RT
1	ETHANOL	1301	1.093
2	n-PROPANOL	3179	1.756

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

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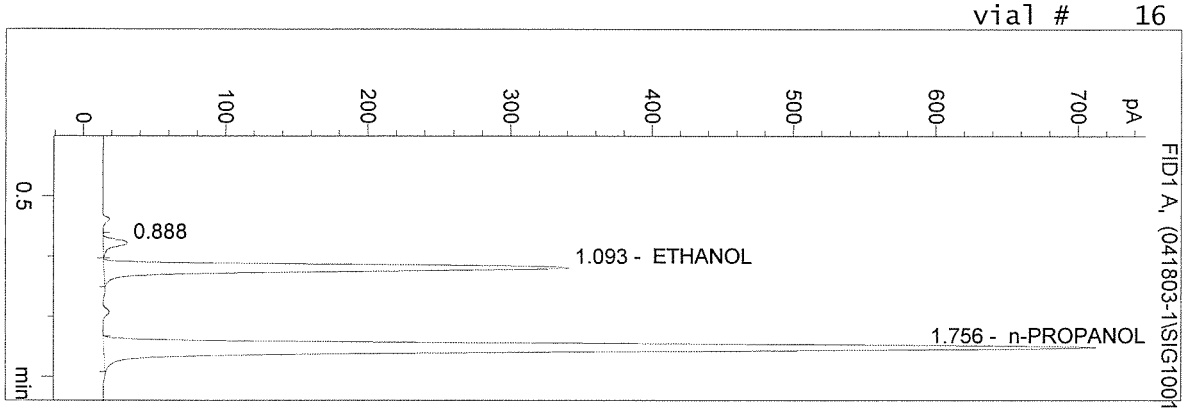
4/18/03 8:34:19 AM
Instrument 3
DB-ALC1

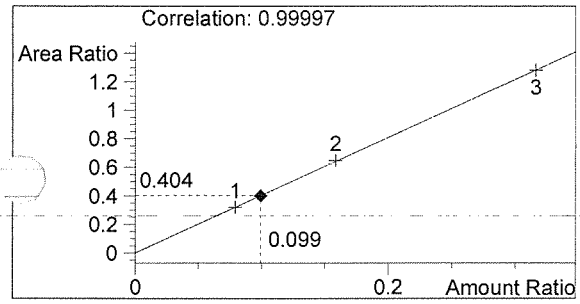
0.10 CTL
ASA LOUIS

vial # 16

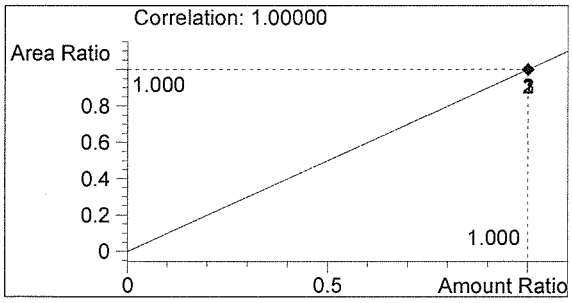


#	Compound	Area	RT
1		70	0.888
2	ETHANOL	1282	1.093
3	n-PROPANOL	3174	1.756

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
DB-ALC1

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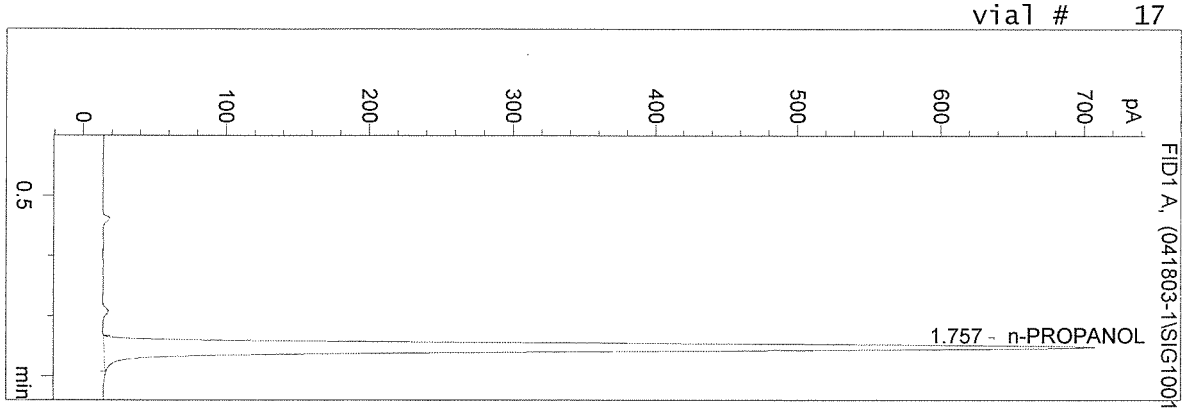
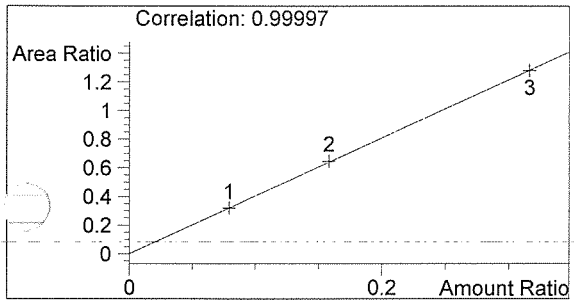
ASA LOUIS

vial # 17

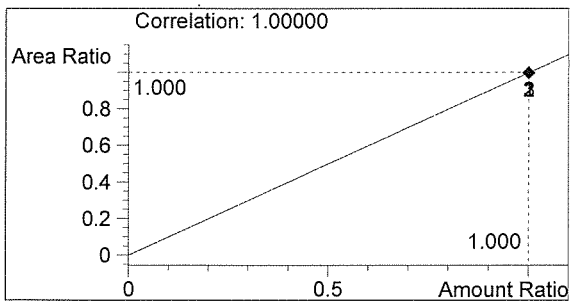


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3176	1.757

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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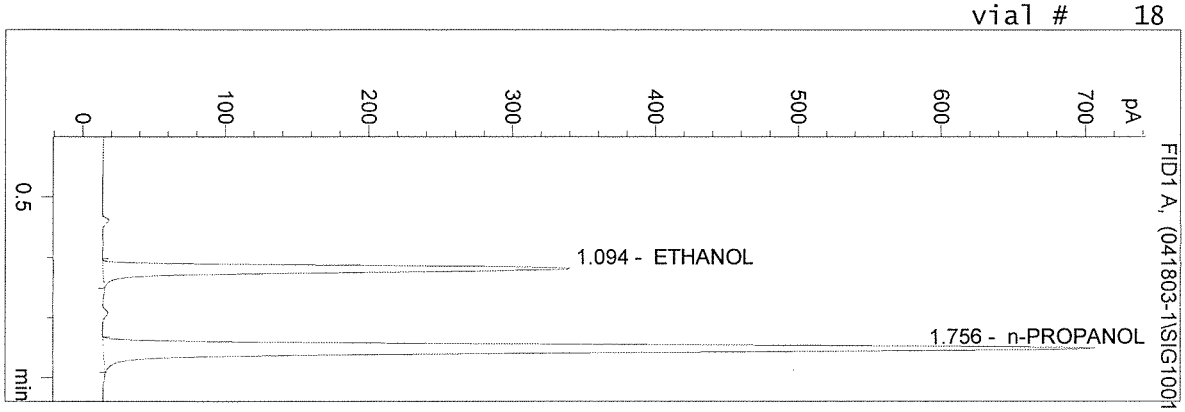
4/18/03 8:40:52 AM
Instrument 3
DB-ALC1

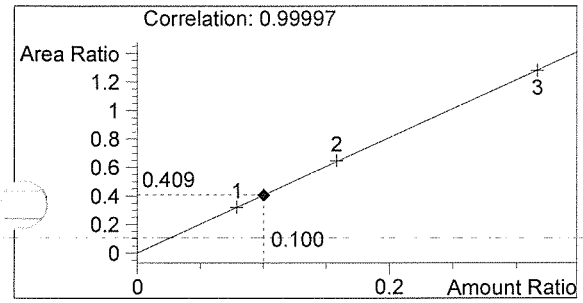
03008 SIMSOL MW
ASA LOUIS

vial # 18

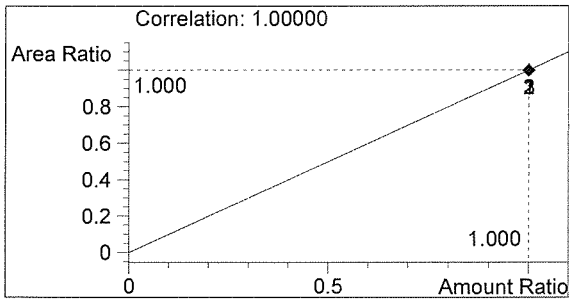


#	Compound	Area	RT
1	ETHANOL	1293	1.094
2	n-PROPANOL	3162	1.756

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

Calibration with AL run

[signature]

WASHINGTON STATE TOXICOLOGY LABORATORY

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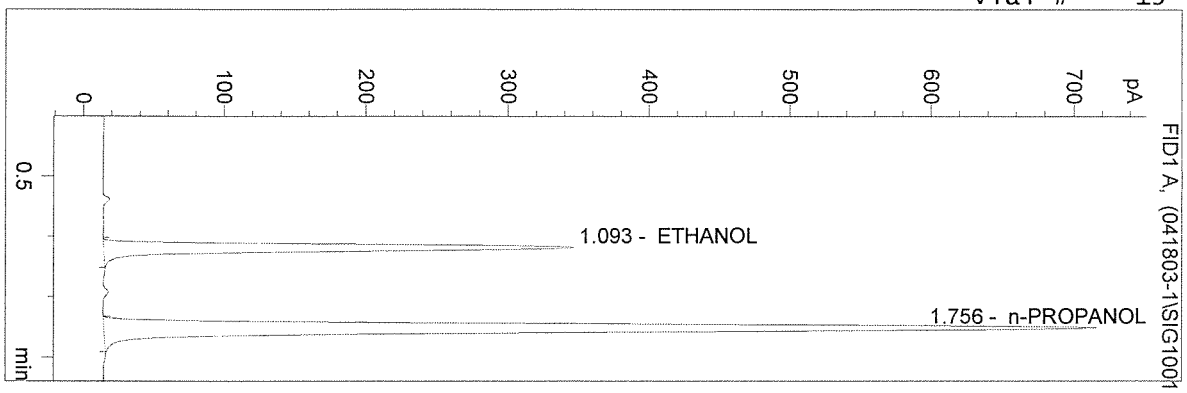
4/18/03 8:44:15 AM
Instrument 3
DB-ALC1

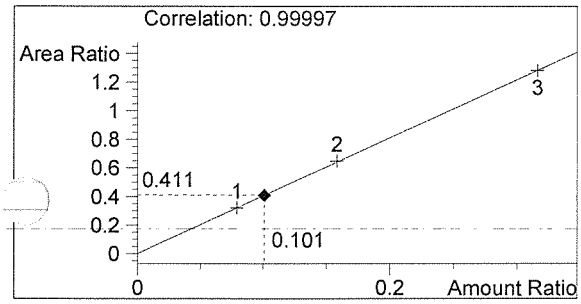
03008 SIMSOL MW
ASA LOUIS

vial # 19

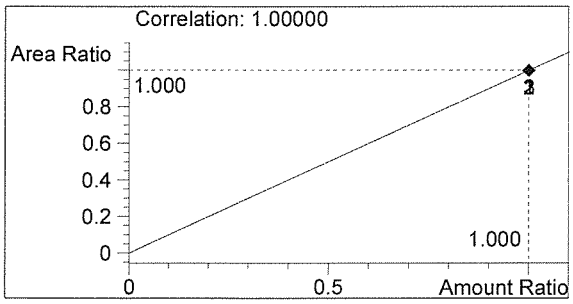


#	Compound	Area	RT
1	ETHANOL	1317	1.093
2	n-PROPANOL	3203	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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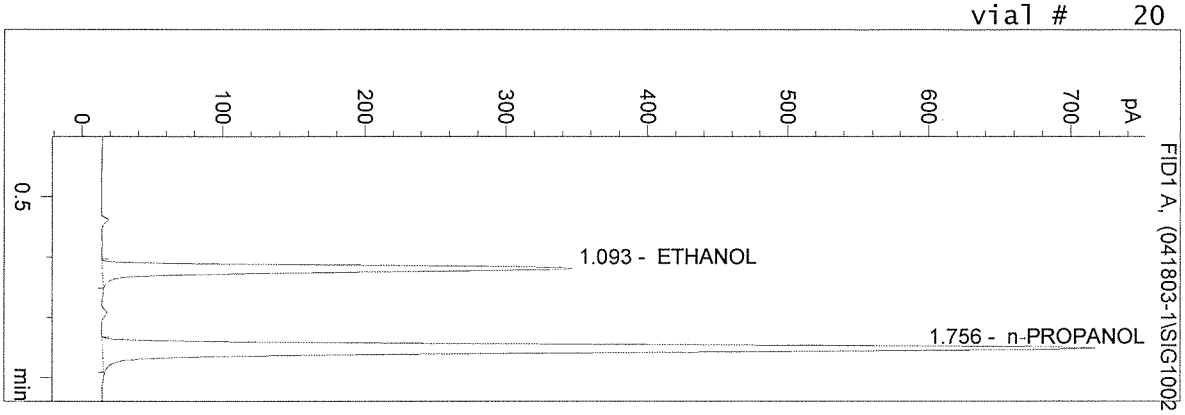
4/18/03 8:47:38 AM
Instrument 3
DB-ALC1

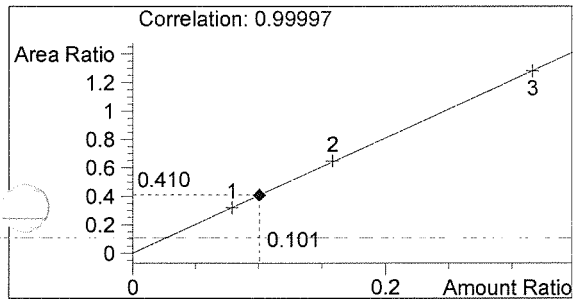
03008 SIMSOL MW
ASA LOUIS

vial # 20

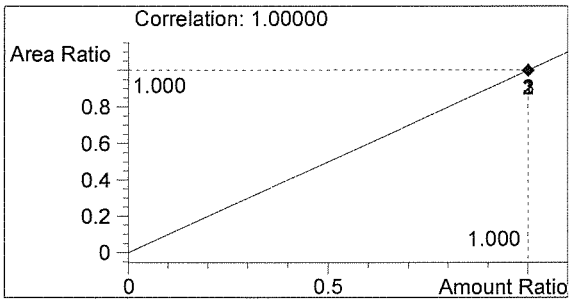


#	Compound	Area	RT
1	ETHANOL	1320	1.093
2	n-PROPANOL	3215	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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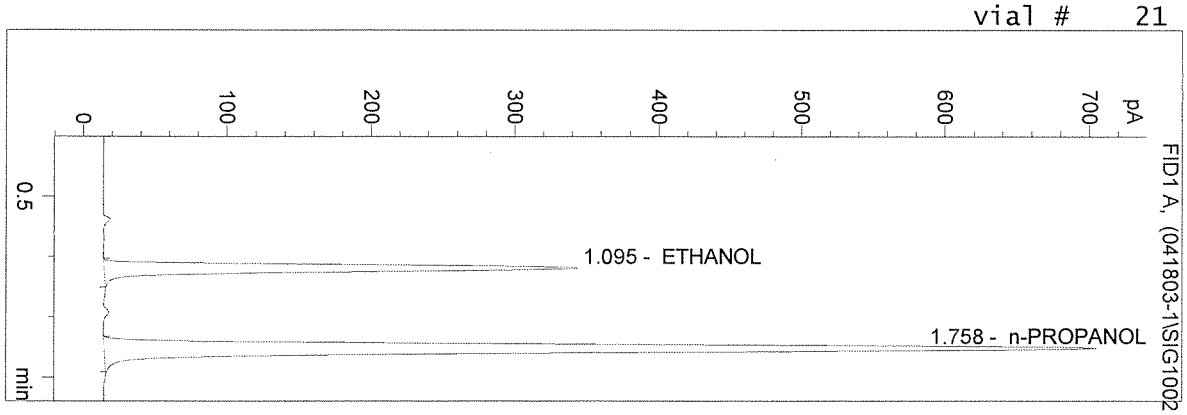
4/18/03 8:51:01 AM
Instrument 3
DB-ALC1

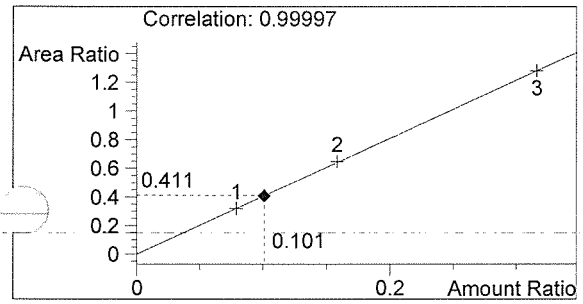
03008 SIMSOL MW
ASA LOUIS

vial # 21

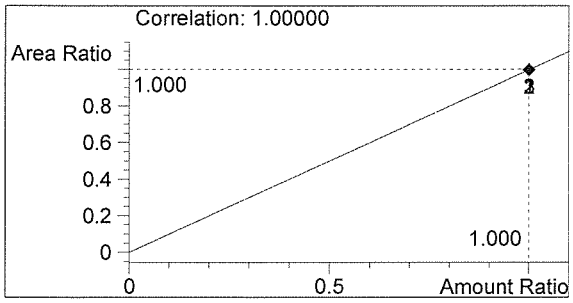


#	Compound	Area	RT
1	ETHANOL	1302	1.095
2	n-PROPANOL	3166	1.758

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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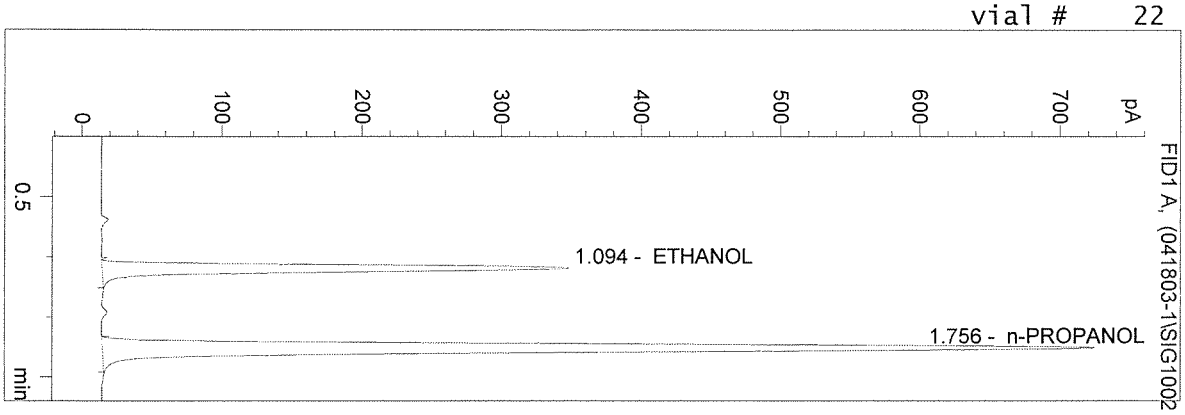
4/18/03 8:54:25 AM
Instrument 3
DB-ALC1

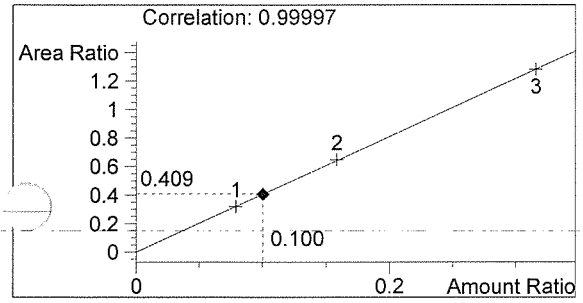
03008 SIMSOL MW
ASA LOUIS

vial # 22

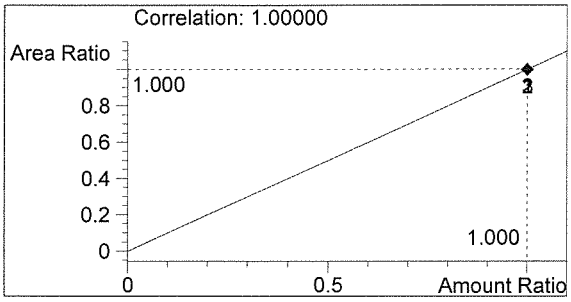


#	Compound	Area	RT
1	ETHANOL	1330	1.094
2	n-PROPANOL	3252	1.756

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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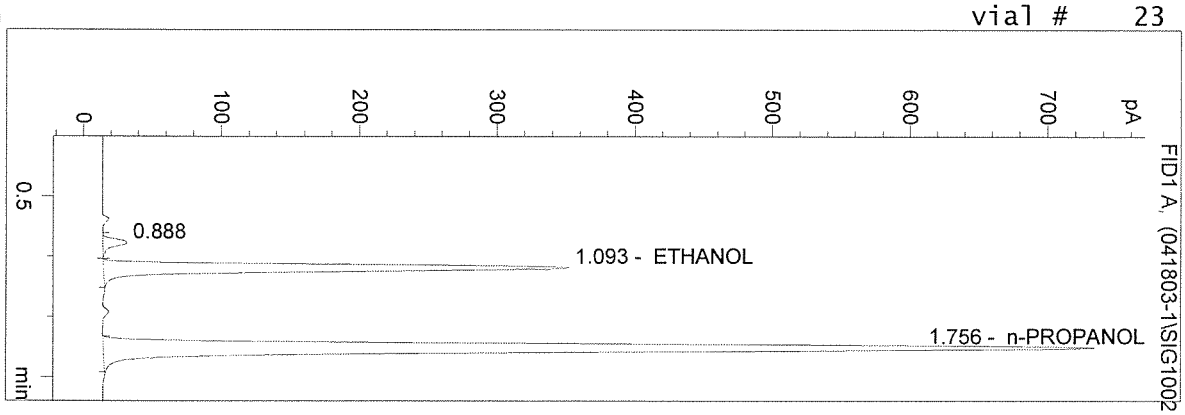
4/18/03 8:57:48 AM
Instrument 3
DB-ALC1

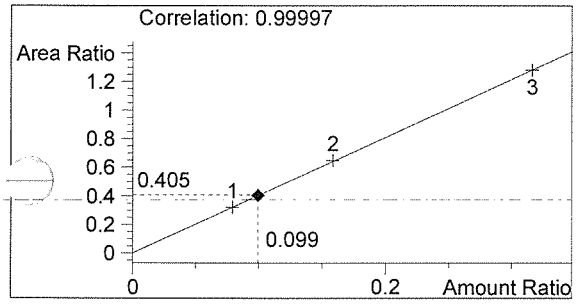
0.10 CTL
ASA LOUIS

vial # 23

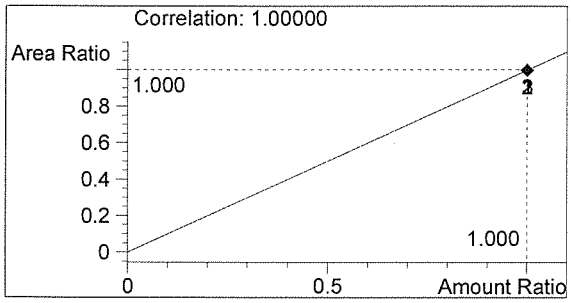


#	Compound	Area	RT
1		72	0.888
2	ETHANOL	1327	1.093
3	n-PROPANOL	3275	1.756

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

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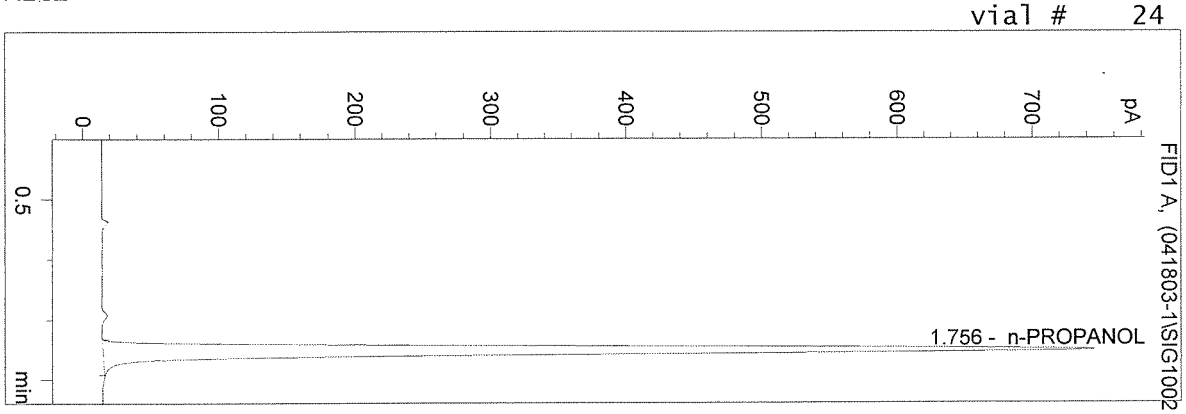
Instrument 3
DB-ALC1

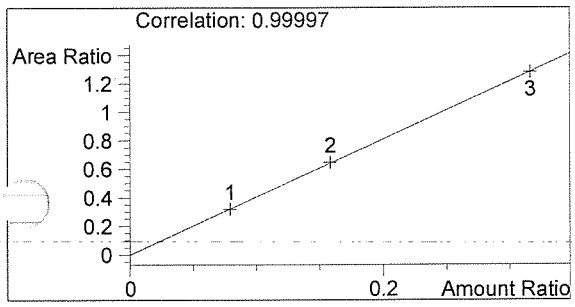
BLANK
ASA LOUIS

vial # 24

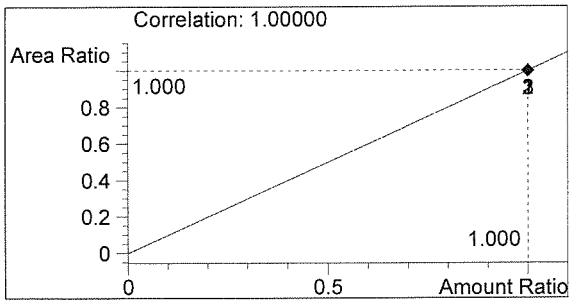


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3328	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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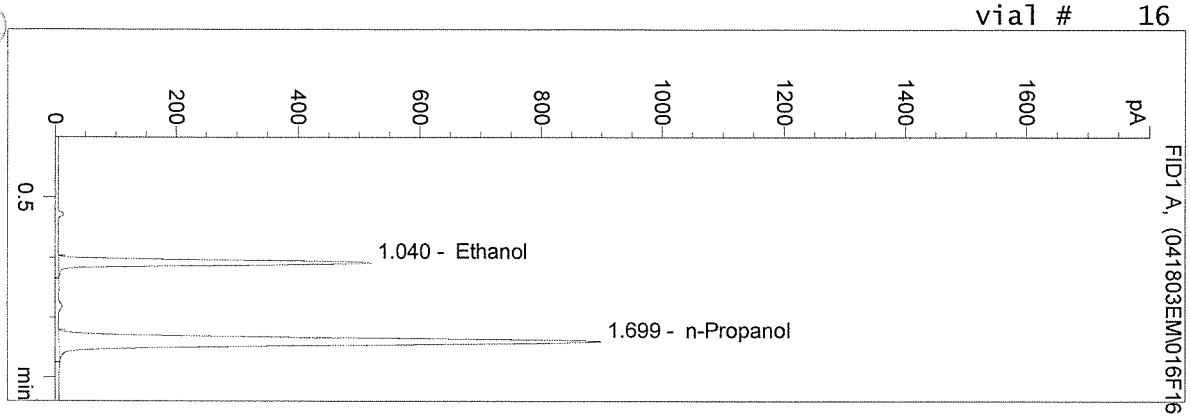
4/18/03 12:13:38 PM
Instrument 1
DB-ALC1

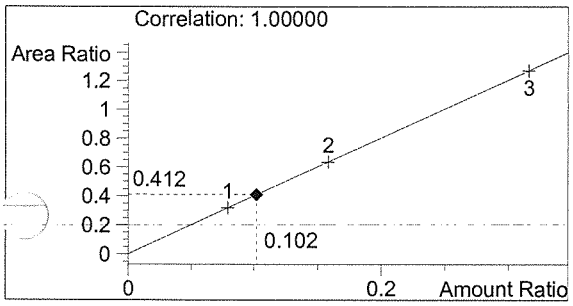
Sim. Sol. 03008
Estuardo J. Miranda

vial # 16

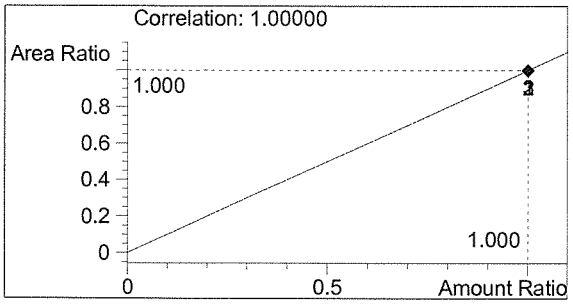


#	Compound	Area	RT
1	Ethanol	1545	1.040
2	n-Propanol	3750	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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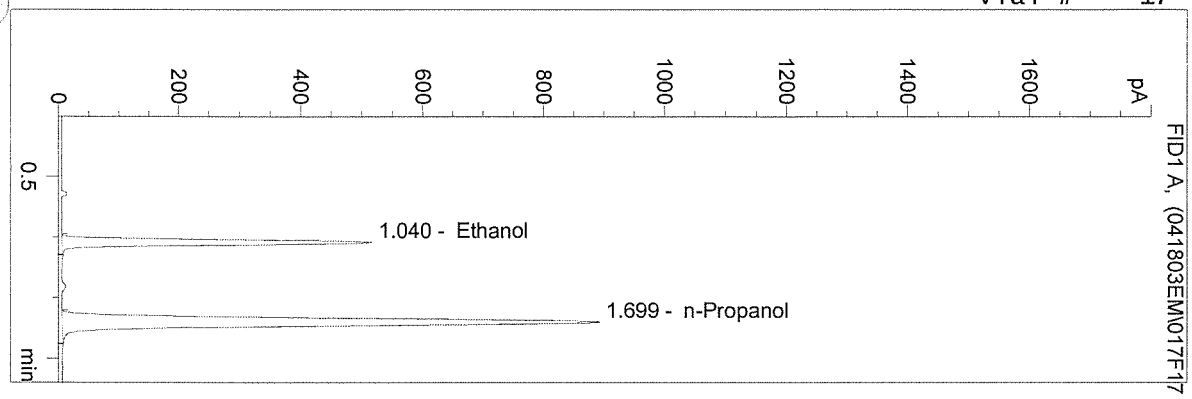
4/18/03 12:16:56 PM
Instrument 1
DB-ALC1

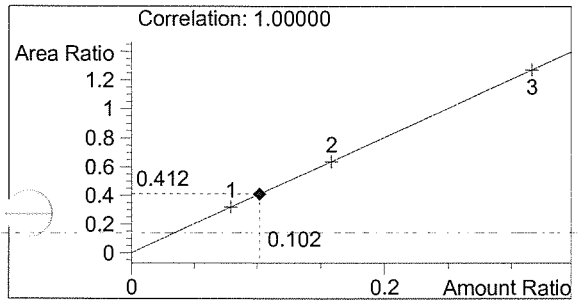
Sim. Sol. 03008
Estuardo J. Miranda

vial # 17

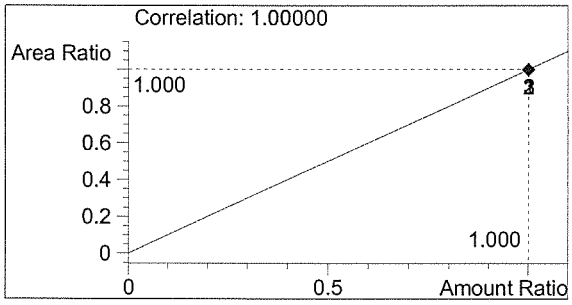


#	Compound	Area	RT
1	Ethanol	1537	1.040
2	n-Propanol	3729	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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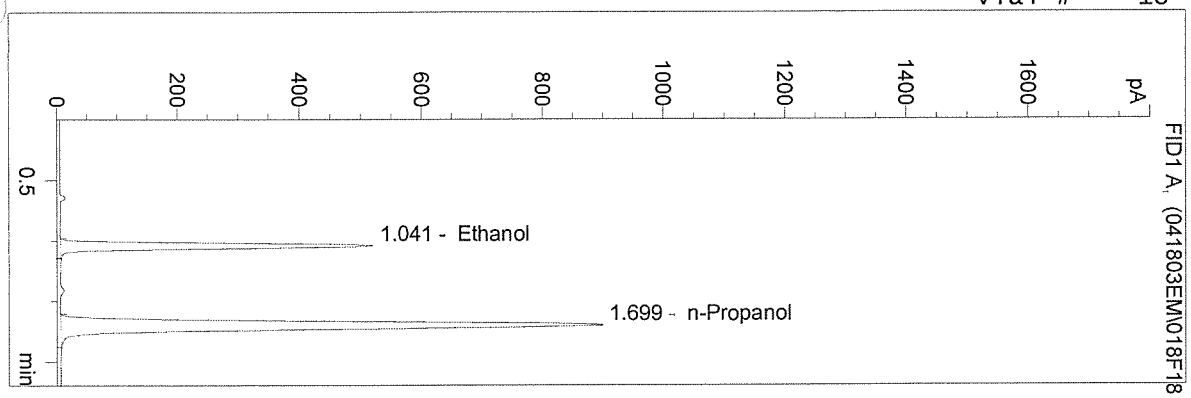
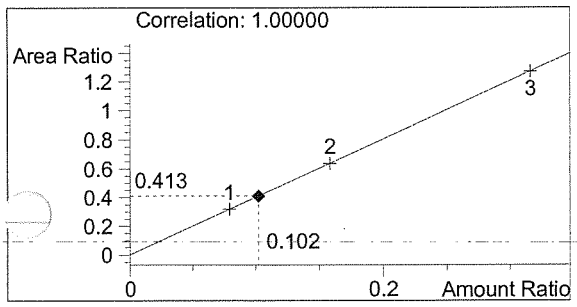
4/18/03 12:19:58 PM
Instrument 1
DB-ALC1

Sim. Sol. 03008
Estuardo J. Miranda

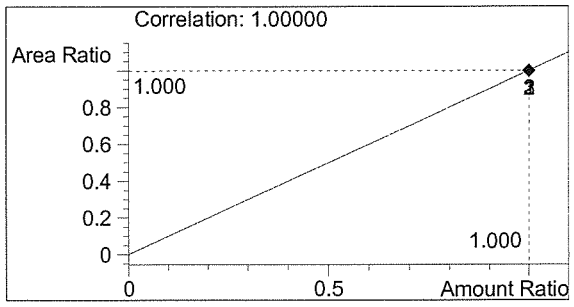
vial # 18



#	Compound	Area	RT
1	Ethanol	1555	1.041
2	n-Propanol	3769	1.699
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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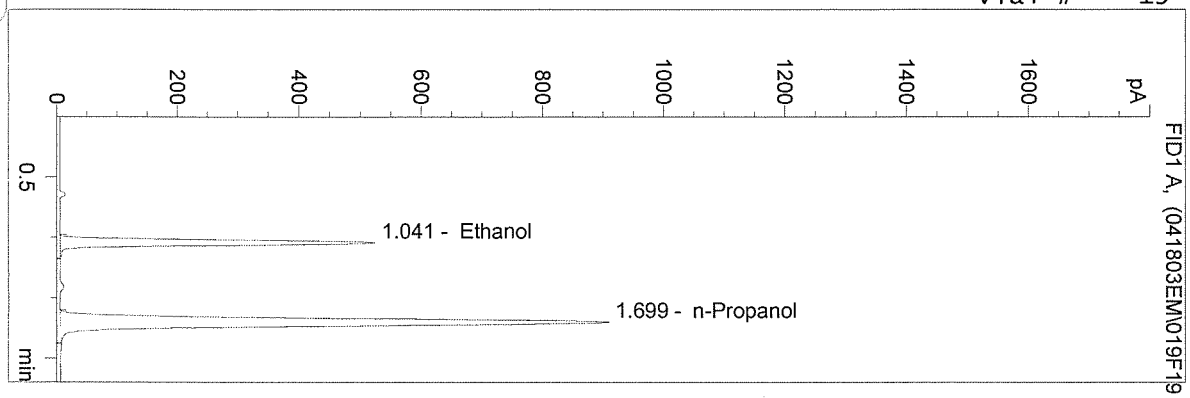
4/18/03 12:23:00 PM
Instrument 1
DB-ALC1

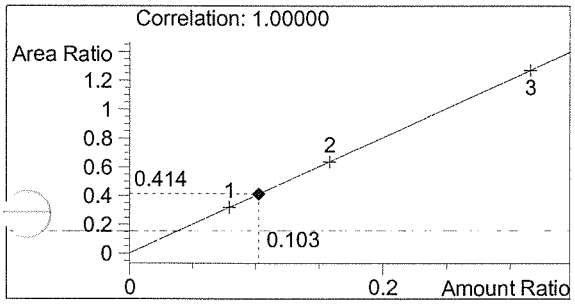
Sim. Sol. 03008
Estuardo J. Miranda

vial # 19

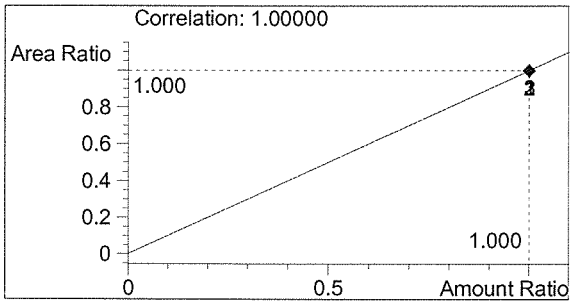


#	Compound	Area	RT
1	Ethanol	1571	1.041
2	n-Propanol	3797	1.699

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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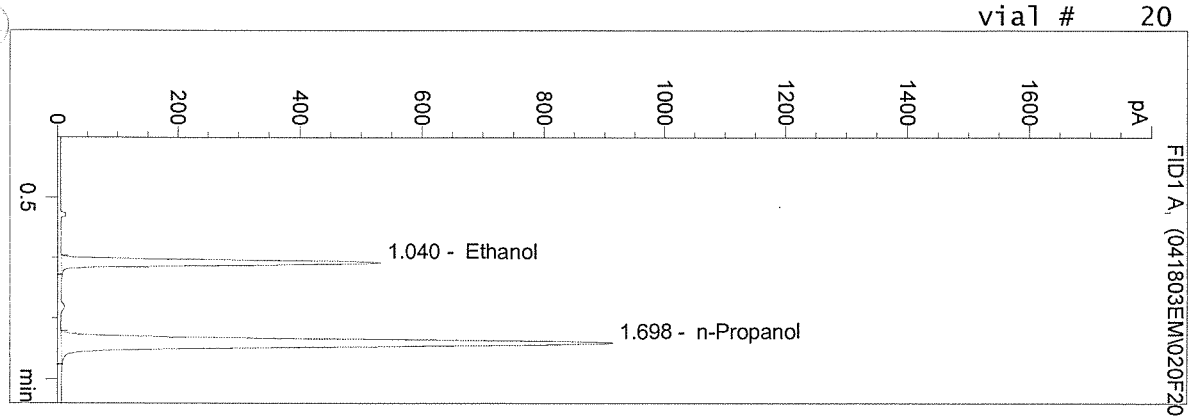
4/18/03 12:26:01 PM
Instrument 1
DB-ALC1

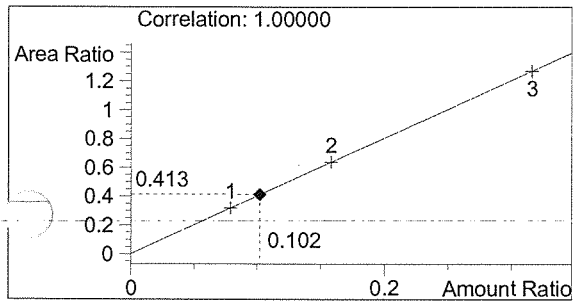
Sim. Sol. 03008
Estuardo J. Miranda

vial # 20

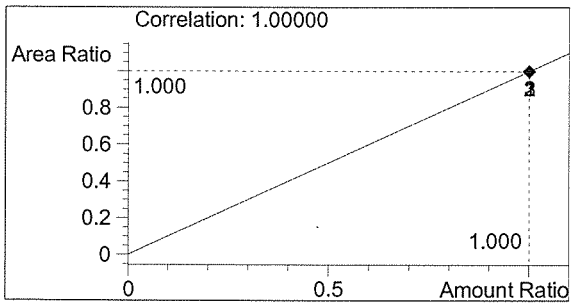


#	Compound	Area	RT
1	Ethanol	1572	1.040
2	n-Propanol	3806	1.698

Totals:



Ethanol 0.102 g/100ml

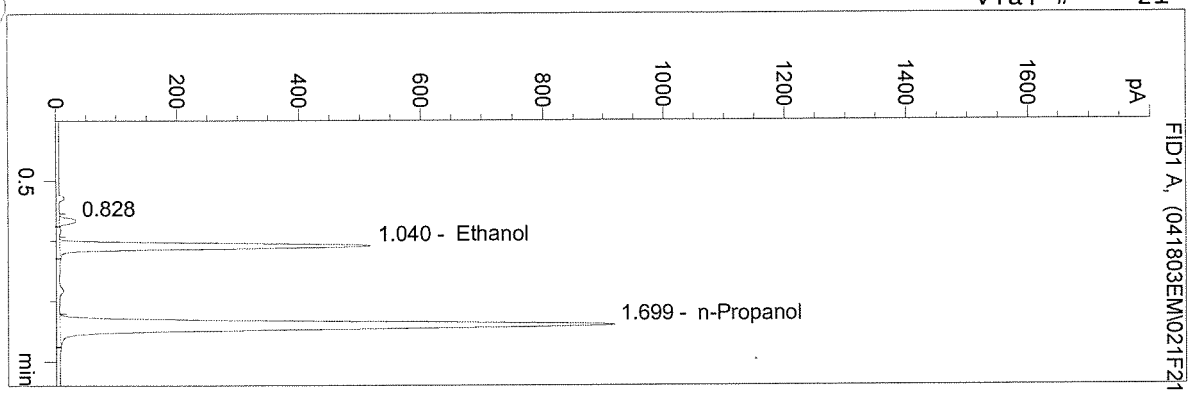


n-Propanol 1.000 g/100ml

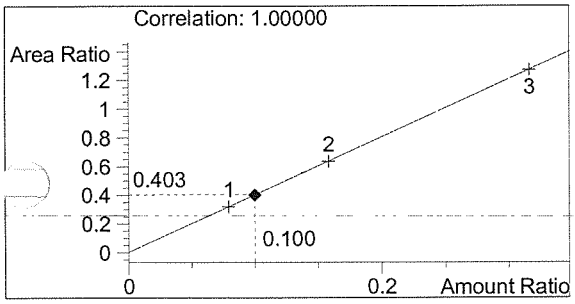
C:\HPCHEM\1\METHODS\BLDALCO.M
4/18/03 12:29:25 PM
Instrument 1
DB-ALC1

0.100 Control
Estuardo J. Miranda

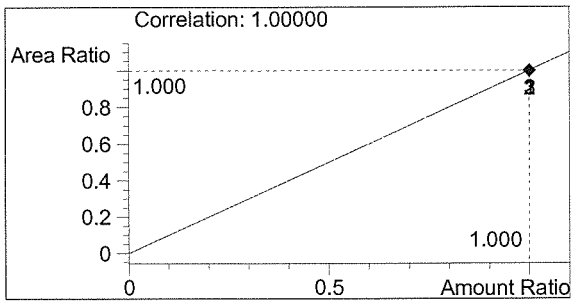
vial # 21



#	Compound	Area	RT
1		81	0.828
2	Ethanol	1547	1.040
3	n-Propanol	3838	1.699
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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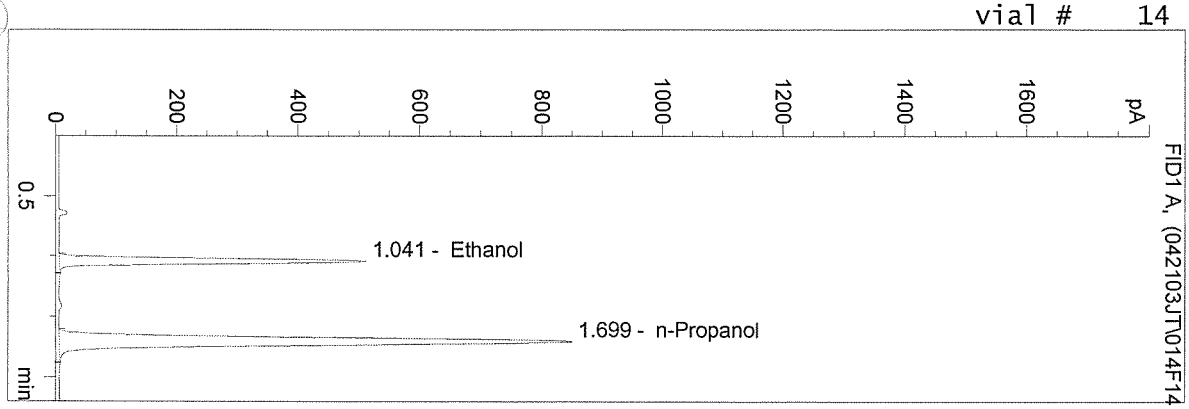
4/21/03 10:05:17 AM
Instrument 1
DB-ALC1

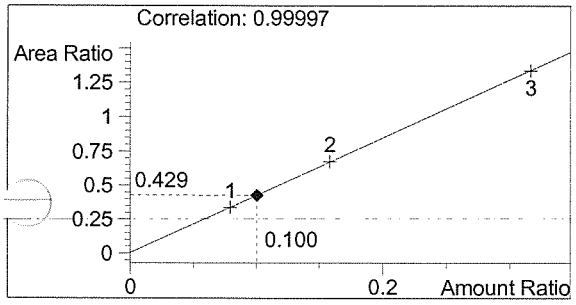
03008 sim soln
Jayne E. Thatcher

vial # 14

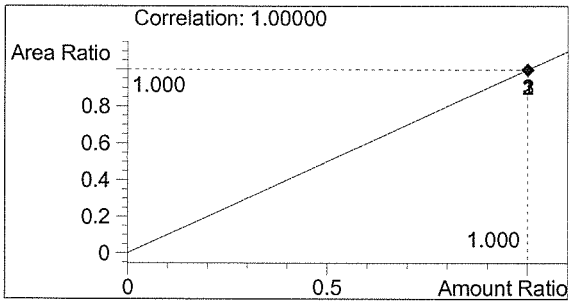


#	Compound	Area	RT
1	Ethanol	1519	1.041
2	n-Propanol	3543	1.699
Totals:			

Standards in 032454



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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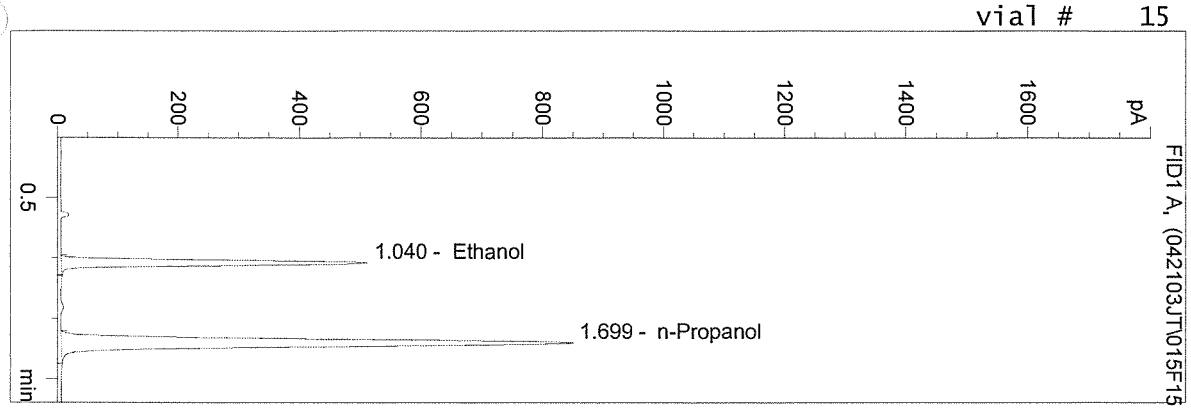
4/21/03 10:08:19 AM
Instrument 1
DB-ALC1

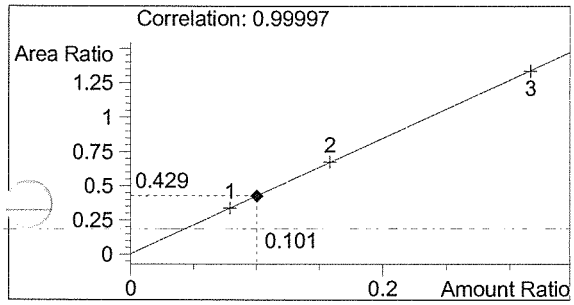
03008 sim soln
Jayne E. Thatcher

vial # 15

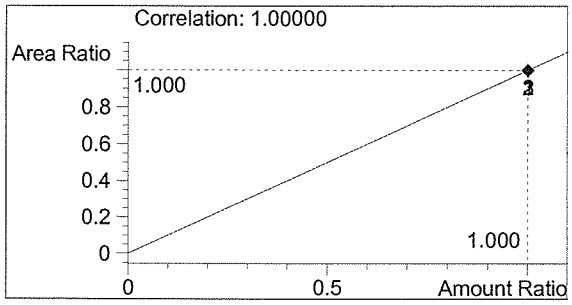


#	Compound	Area	RT
1	Ethanol	1520	1.040
2	n-Propanol	3546	1.699

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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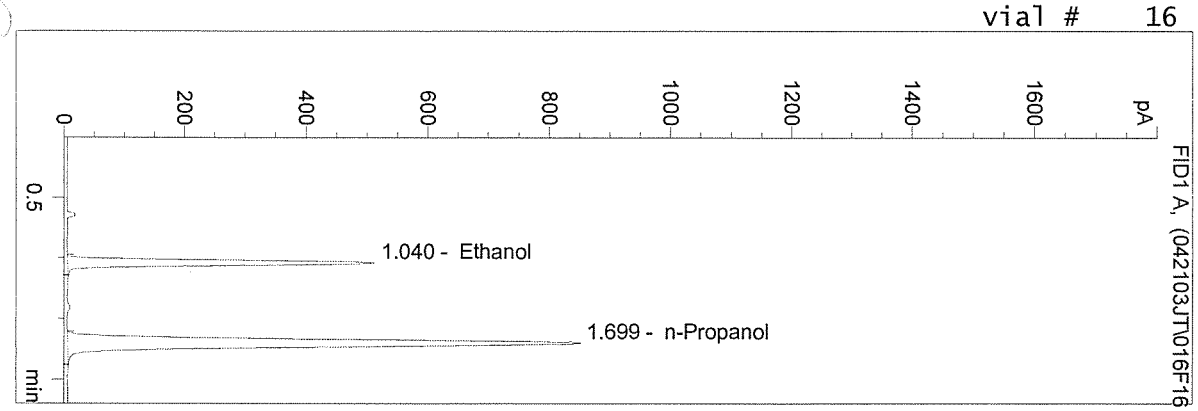
4/21/03 10:11:21 AM
Instrument 1
DB-ALC1

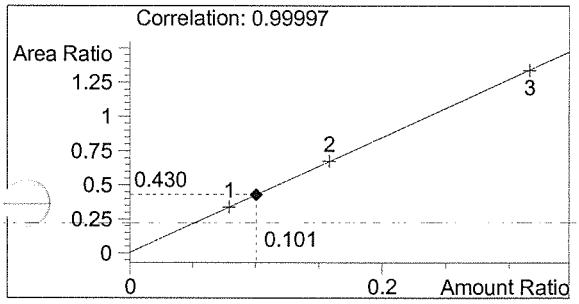
03008 sim soln
Jayne E. Thatcher

vial # 16

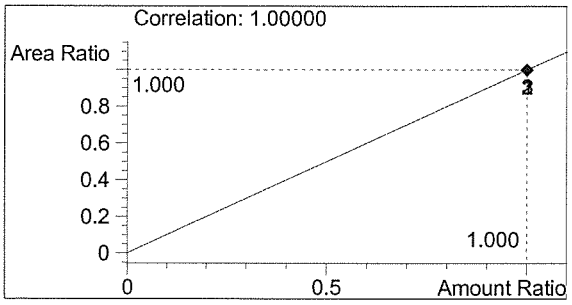


#	Compound	Area	RT
1	Ethanol	1525	1.040
2	n-Propanol	3547	1.699

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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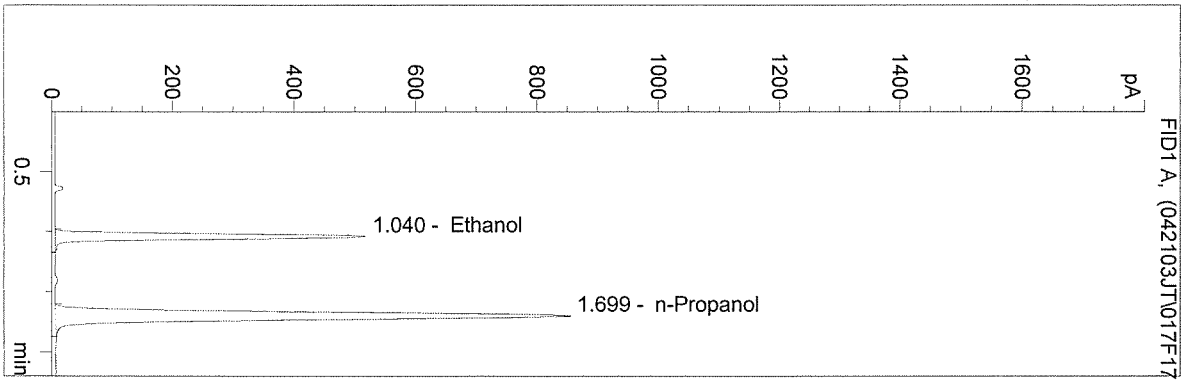
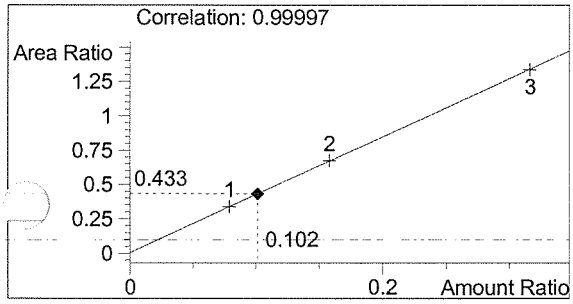
Instrument 1
DB-ALC1

03008 sim soln
Jayne E. Thatcher

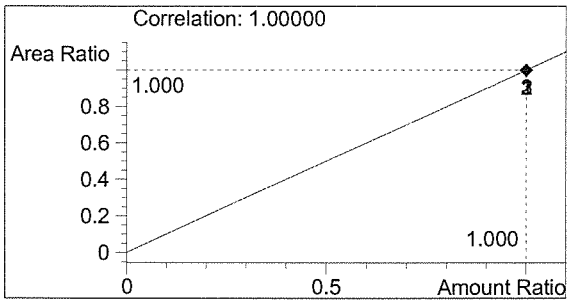
vial # 17



#	Compound	Area	RT
1	Ethanol	1542	1.040
2	n-Propanol	3560	1.699
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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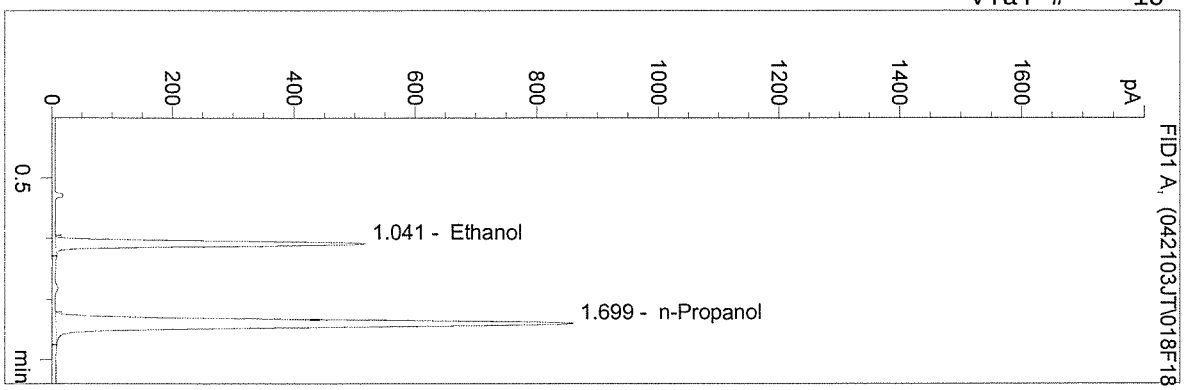
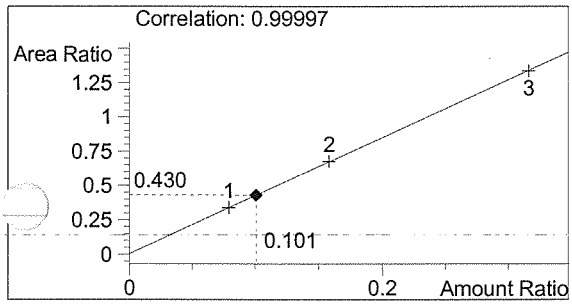
Instrument 1
DB-ALC1

03008 sim soln
Jayne E. Thatcher

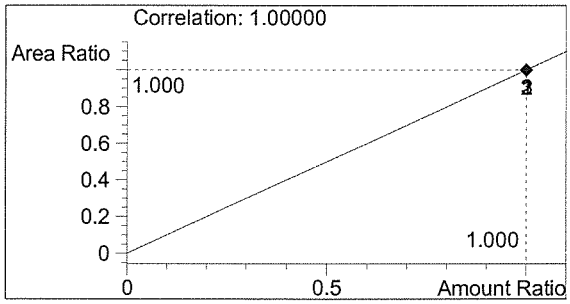
vial # 18



#	Compound	Area	RT
1	Ethanol	1543	1.041
2	n-Propanol	3589	1.699
Totals:			



Ethanol 0.101 g/100ml



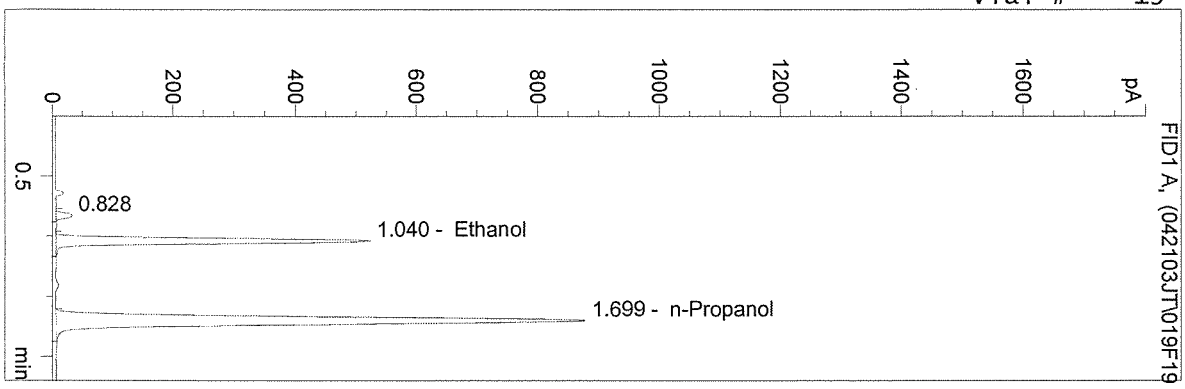
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
4/21/03 10:20:46 AM
Instrument 1
DB-ALC1

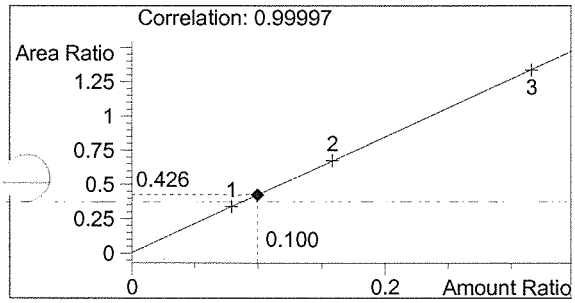
0.10 control
Jayne E. Thatcher

vial # 19

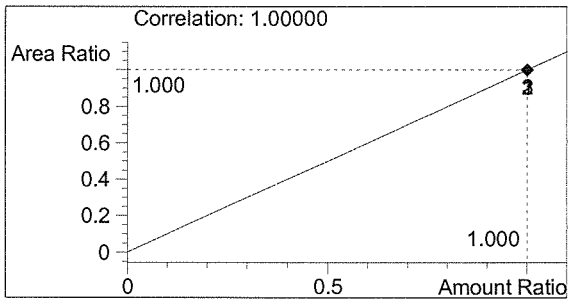


#	Compound	Area	RT
1		82	0.828
2	Ethanol	1556	1.040
3	n-Propanol	3651	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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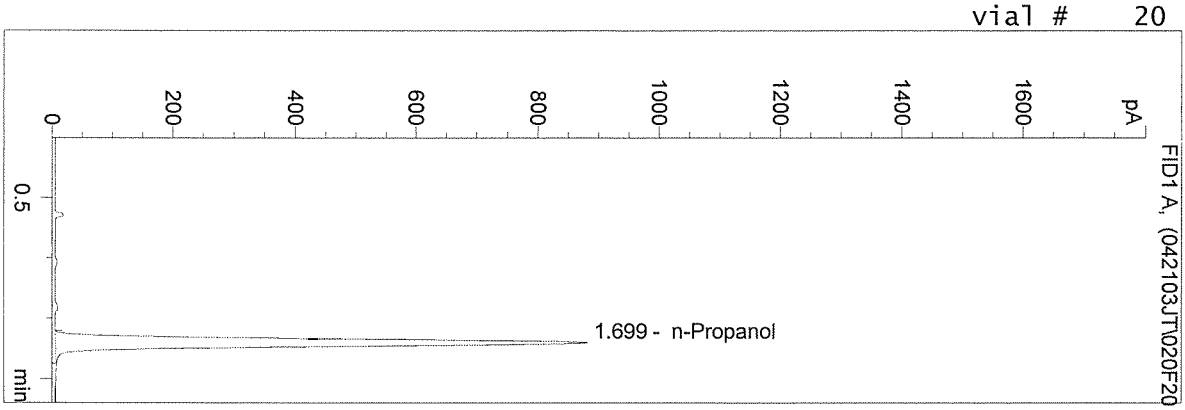
4/21/03 10:23:49 AM
Instrument 1
DB-ALC1

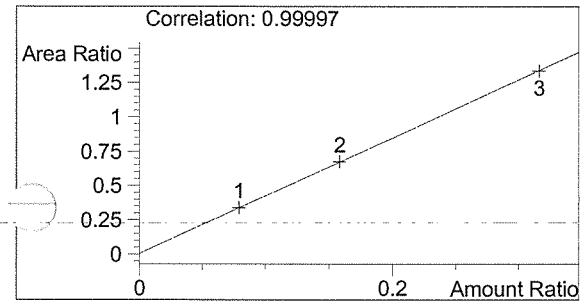
blank
Jayne E. Thatcher

vial # 20

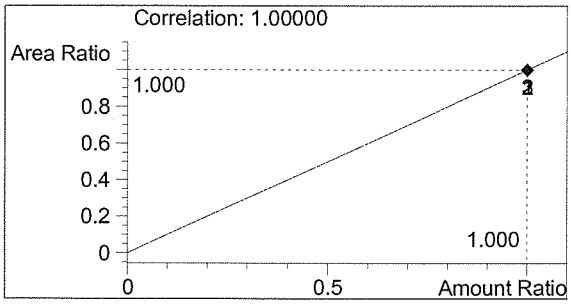


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3676	1.699

Totals:



Ethanol 0.000 g/100ml



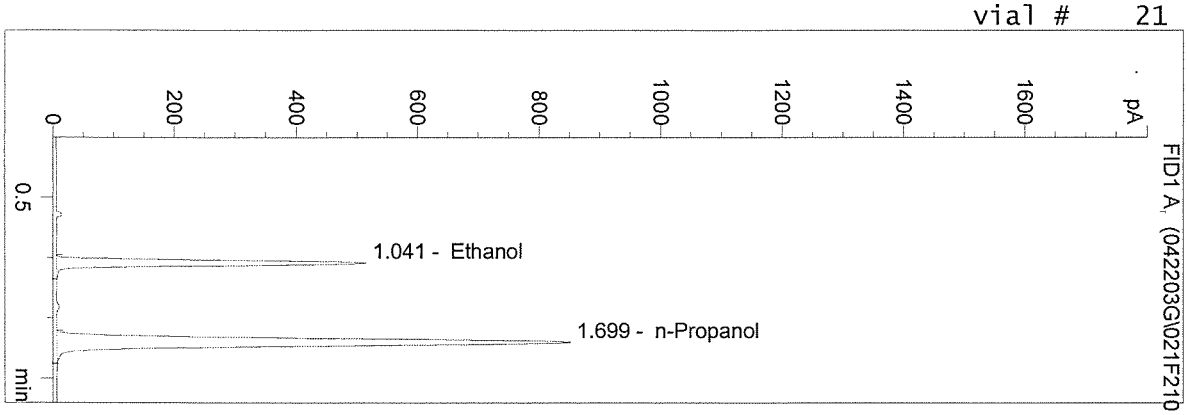
n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
4/22/03 1:22:01 PM
Instrument 1
DB-ALC1

0.08 SSOLN 03008
Gene Schwilke

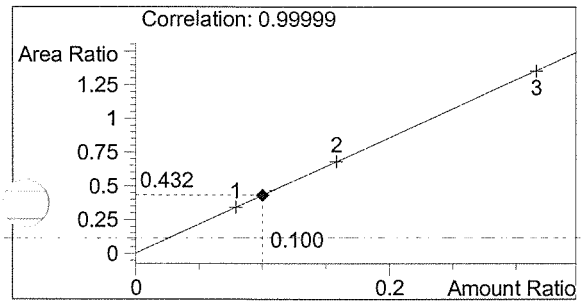
STDS
032485

vial # 21

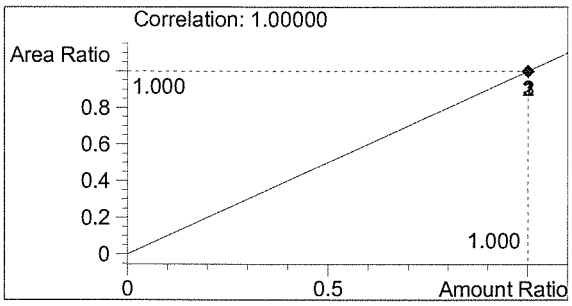


#	Compound	Area	RT
1	Ethanol	1536	1.041
2	n-Propanol	3553	1.699

Totals:



Ethanol 0.100 g/100ml



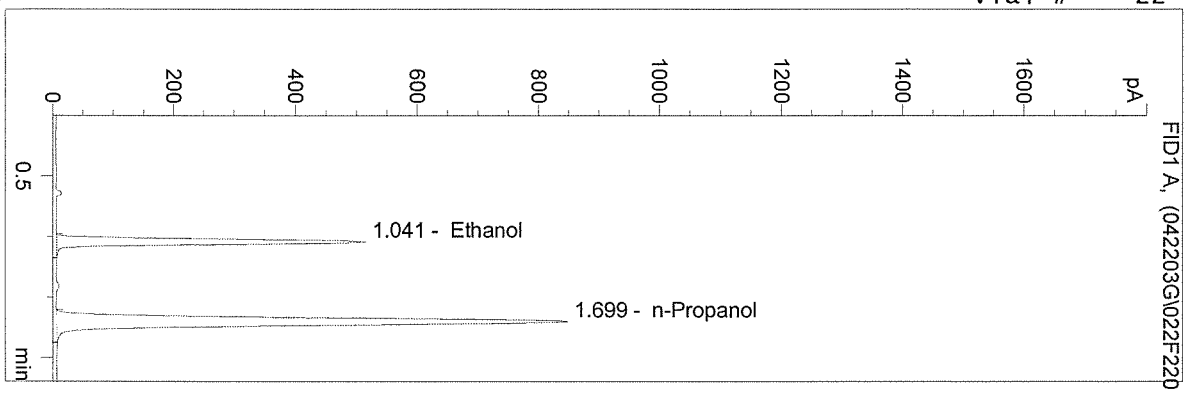
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
4/22/03 1:25:03 PM
Instrument 1
DB-ALC1

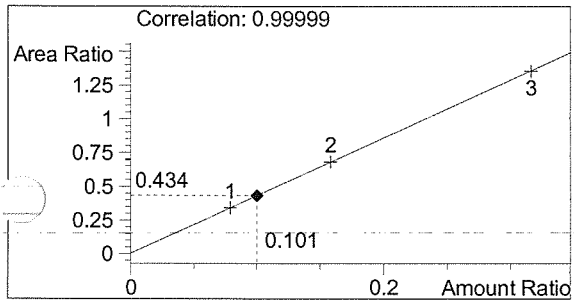
0.08 SSOLN 03008
Gene Schwilke

vial # 22

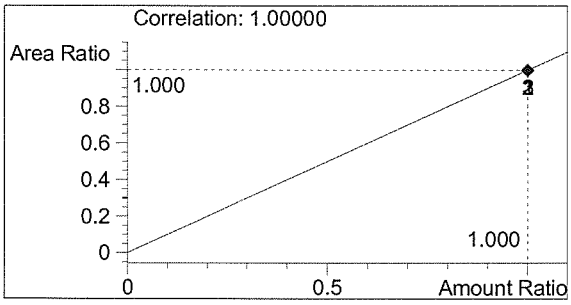


#	Compound	Area	RT
1	Ethanol	1531	1.041
2	n-Propanol	3531	1.699

Totals:



Ethanol 0.101 g/100ml

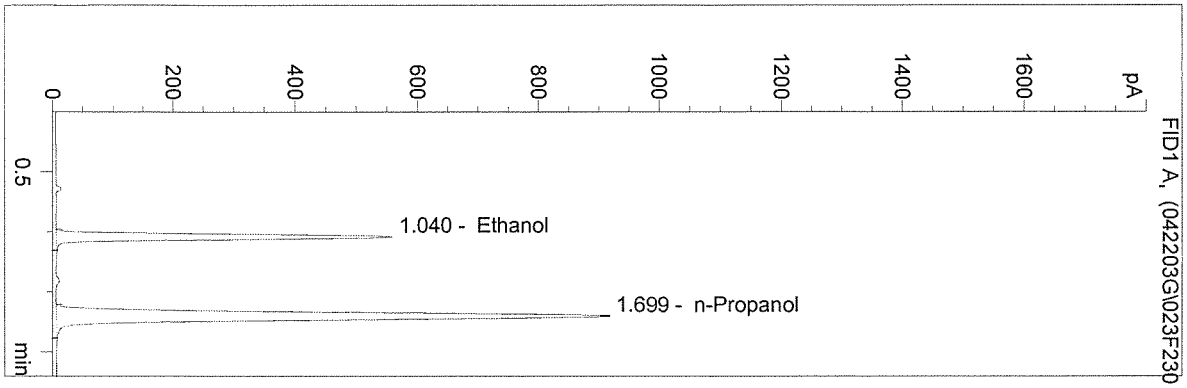


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
4/22/03 1:28:05 PM
Instrument 1
DB-ALC1

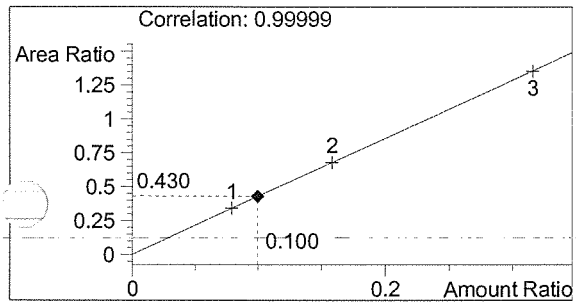
0.08 SSOLN 03008
Gene Schwilke

vial # 23

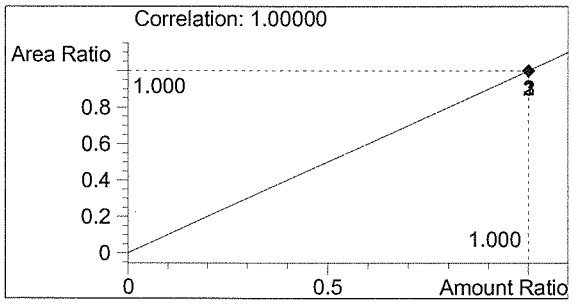


#	Compound	Area	RT
1	Ethanol	1643	1.040
2	n-Propanol	3818	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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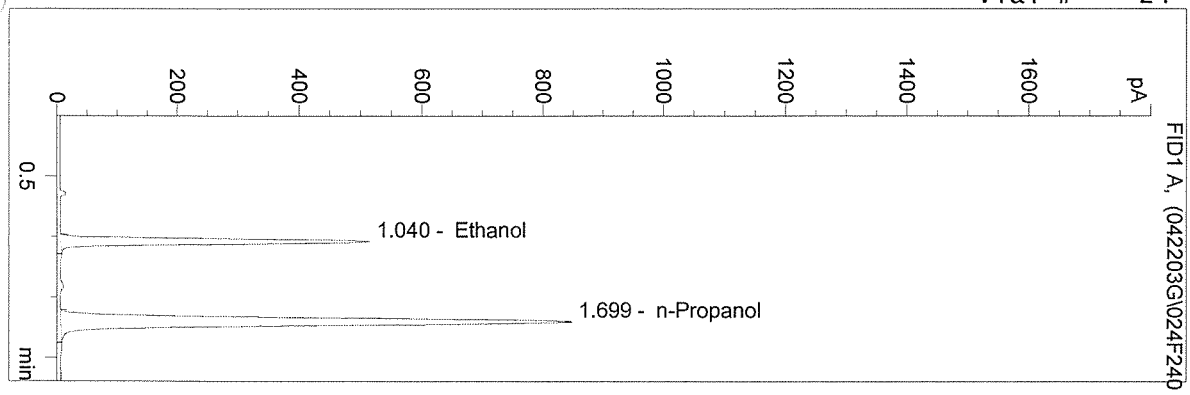
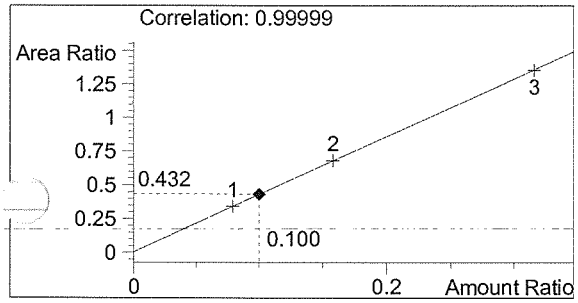
4/22/03 1:31:07 PM
Instrument 1
DB-ALC1

0.08 SSOLN 03008
Gene Schwilke

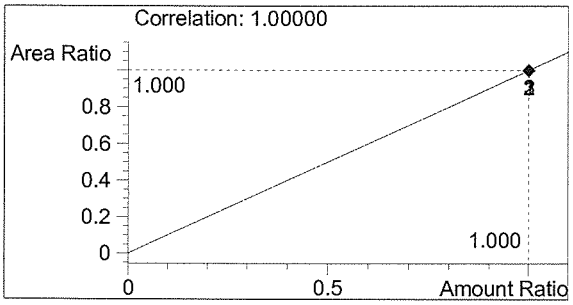
vial # 24



#	Compound	Area	RT
1	Ethanol	1527	1.040
2	n-Propanol	3537	1.699
Totals:			



Ethanol 0.100 g/100ml

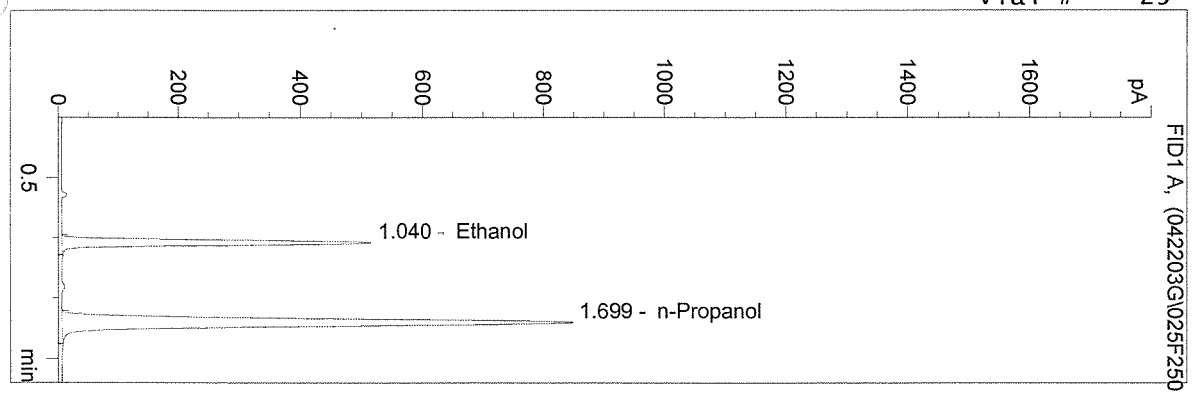


n-Propanol 1.000 g/100ml

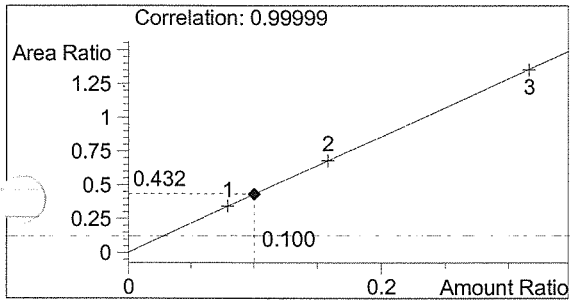
C:\HPCHEM\1\METHODS\BLDALCO.M
4/22/03 1:34:11 PM
Instrument 1
DB-ALC1

0.08 SSOLN 03008
Gene Schwilke

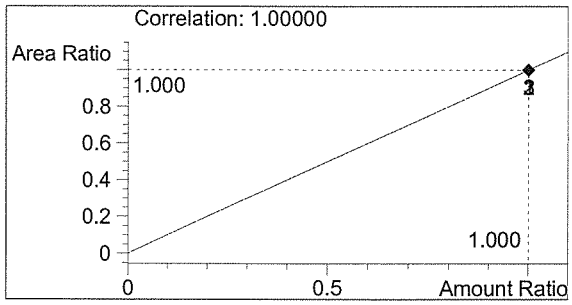
vial # 25



#	Compound	Area	RT
1	Ethanol	1531	1.040
2	n-Propanol	3539	1.699
Totals:			



Ethanol 0.100 g/100ml



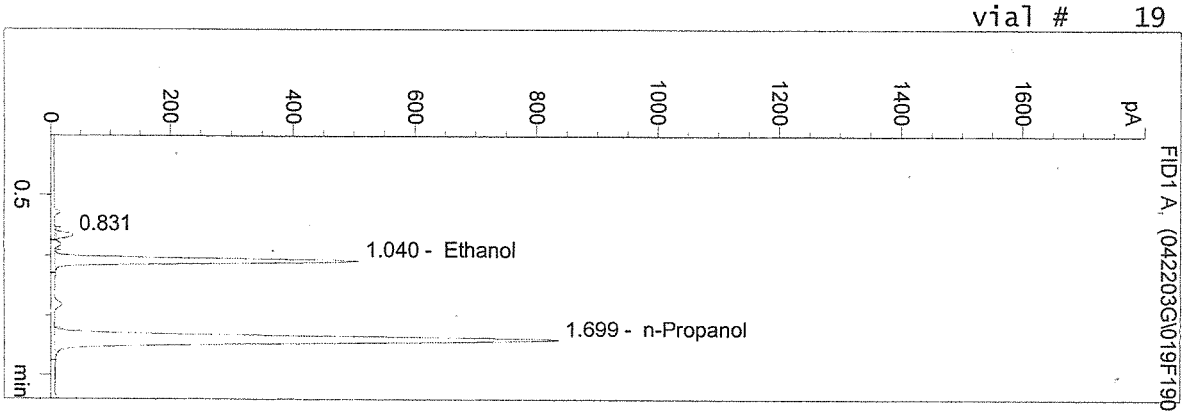
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

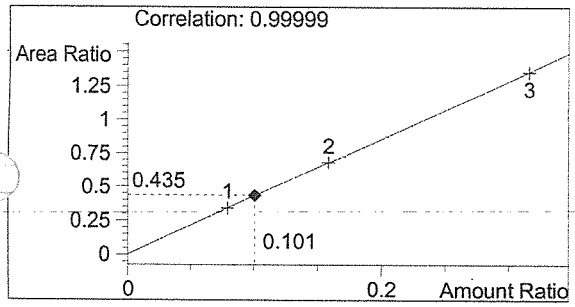
C:\HPCHEM\1\METHODS\BLDALCO.M
4/22/03 1:15:42 PM
Instrument 1
DB-ALC1

CAP 0.100
Gene Schwilke

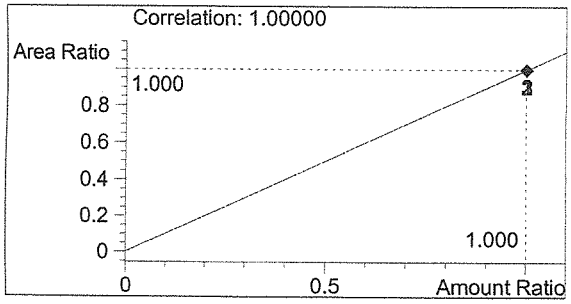
vial # 19



#	Compound	Area	RT
1		92	0.831
2	Ethanol	1506	1.040
3	n-Propanol	3464	1.699
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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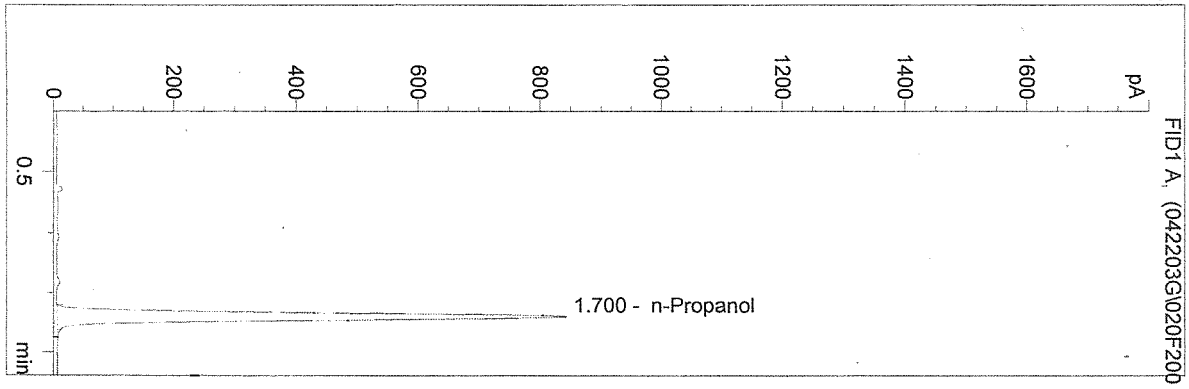
4/22/03 1:18:47 PM
Instrument 1
DB-ALC1

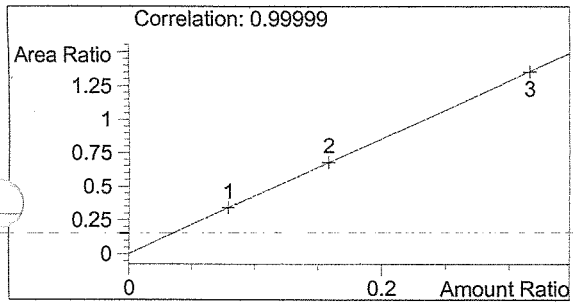
BLANK
Gene Schwilke

vial # 20

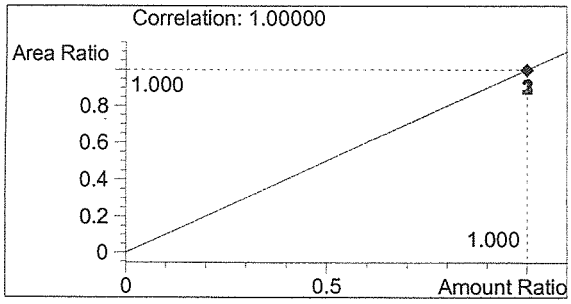


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3521	1.700

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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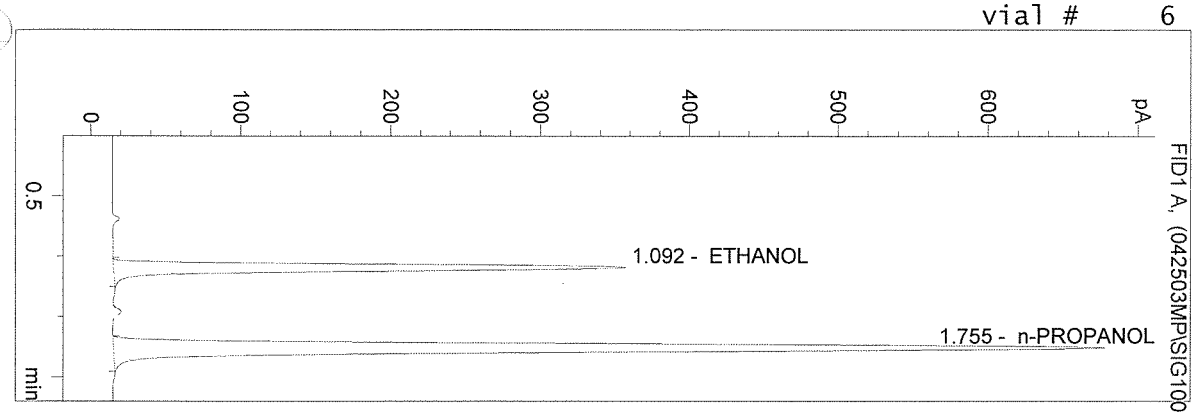
4/25/03 8:21:47 AM
Instrument 3
DB-ALC1

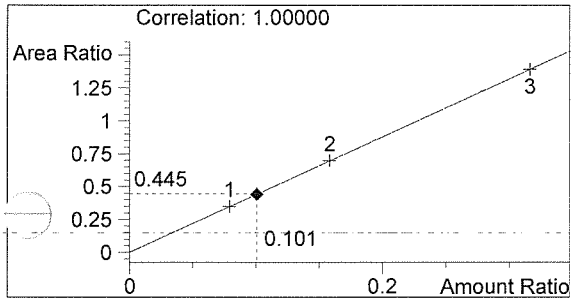
03008 SIM SOLN
M PEMBERTON

vial # 6

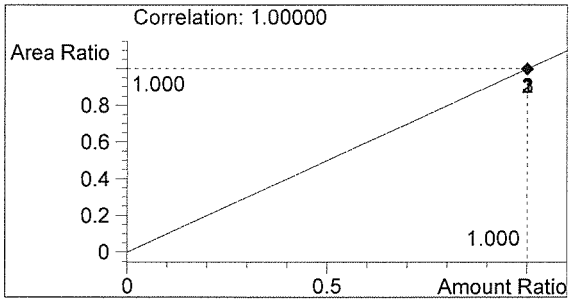


#	Compound	Area	RT
1	ETHANOL	1333	1.092
2	n-PROPANOL	2998	1.755

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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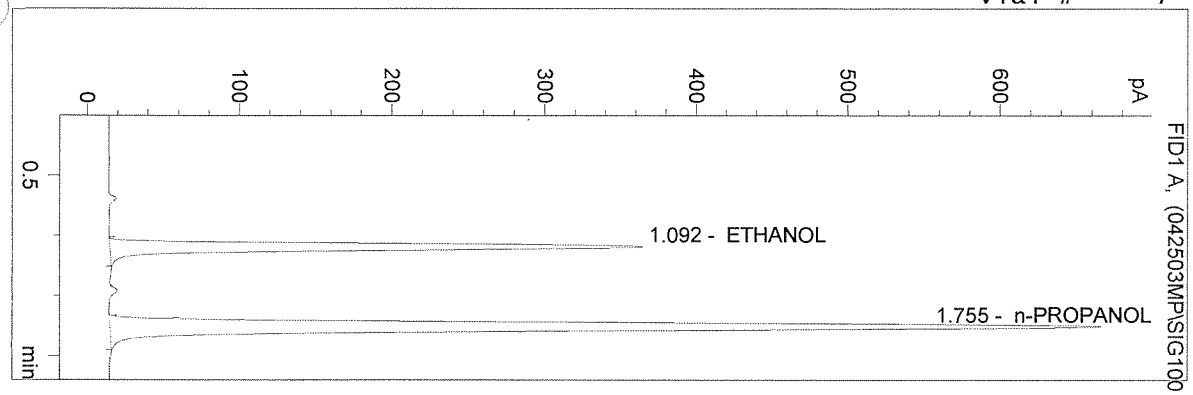
4/25/03 8:25:10 AM
Instrument 3
DB-ALC1

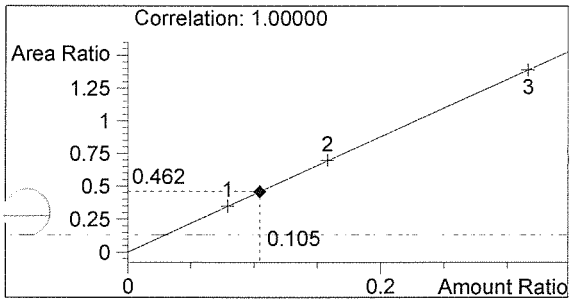
03008 SIM SOLN
M PEMBERTON

vial # 7

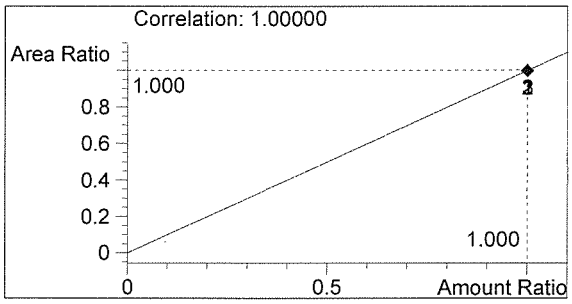


#	Compound	Area	RT
1	ETHANOL	1359	1.092
2	n-PROPANOL	2944	1.755

Totals:



ETHANOL 0.105 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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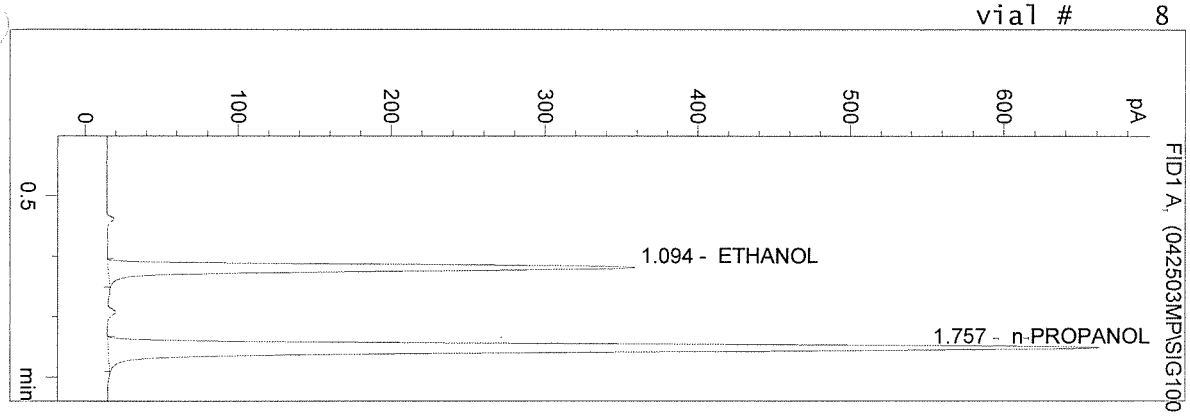
4/25/03 8:28:33 AM
Instrument 3
DB-ALC1

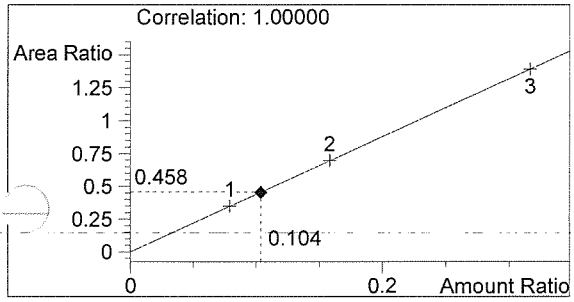
03008 SIM SOLN
M PEMBERTON

vial # 8

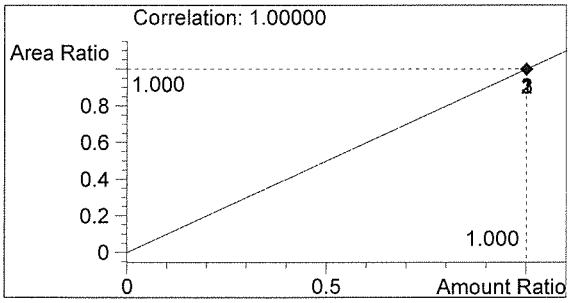


#	Compound	Area	RT
1	ETHANOL	1343	1.094
2	n-PROPANOL	2932	1.757

Totals:



ETHANOL 0.104 g/100mL

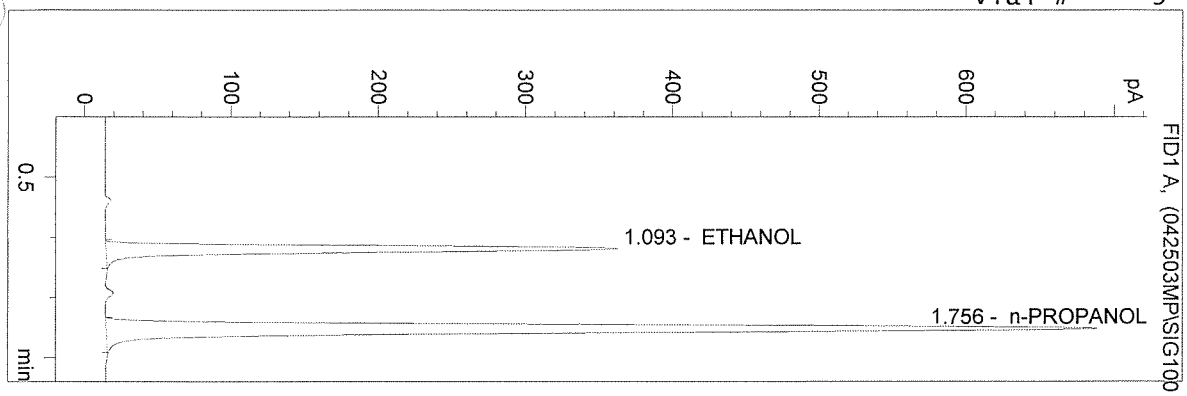


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/25/03 8:31:55 AM
Instrument 3
DB-ALC1

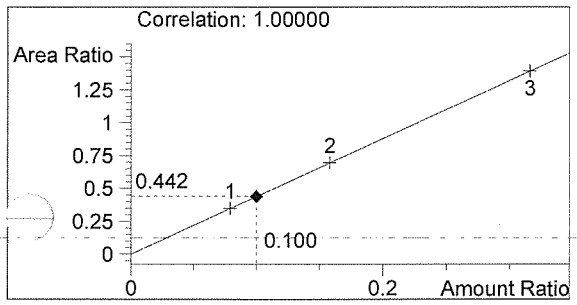
03008 SIM SOLN
M PEMBERTON

vial # 9

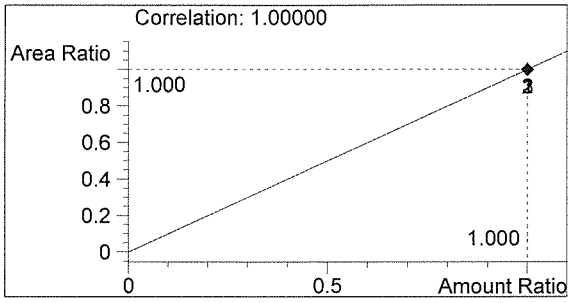


#	Compound	Area	RT
1	ETHANOL	1343	1.093
2	n-PROPANOL	3035	1.756

Totals:



ETHANOL 0.100 g/100mL



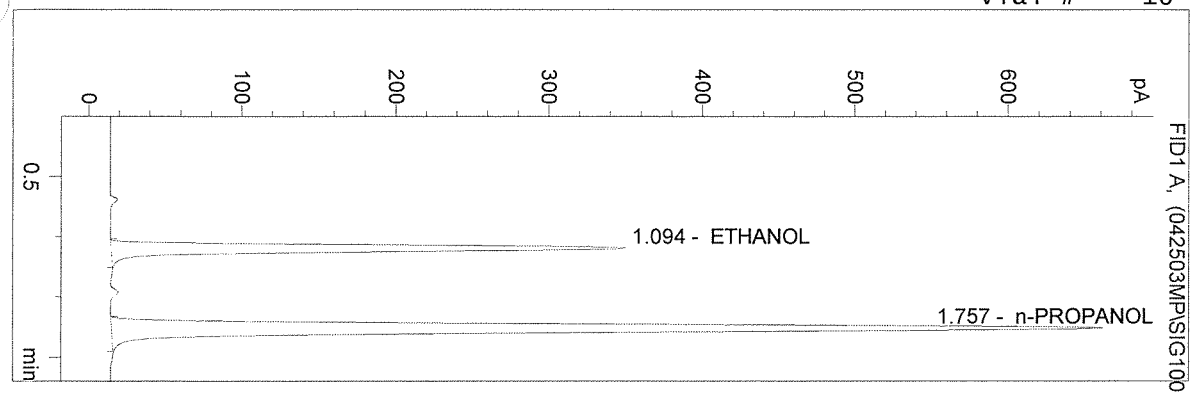
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/25/03 8:35:18 AM
Instrument 3
DB-ALC1

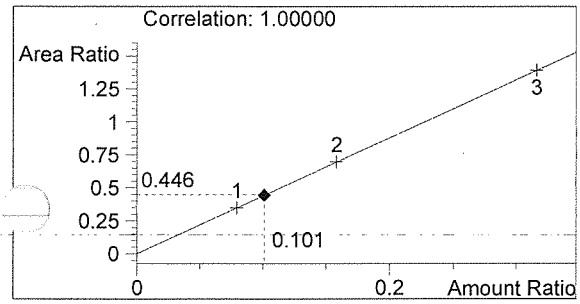
03008 SIM SOLN
M PEMBERTON

vial # 10

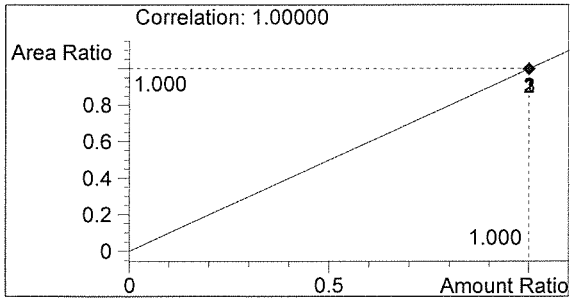


#	Compound	Area	RT
1	ETHANOL	1300	1.094
2	n-PROPANOL	2912	1.757

Totals:



ETHANOL 0.101 g/100mL



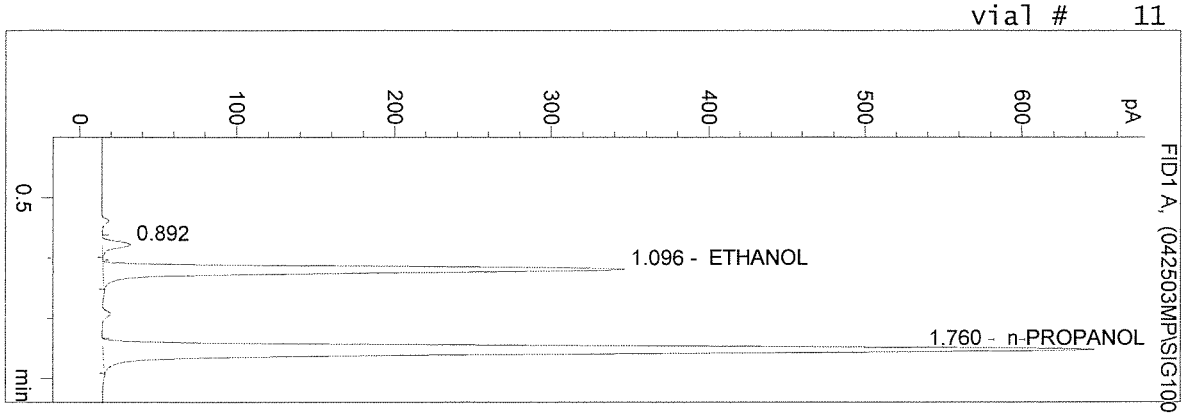
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/25/03 8:38:41 AM
Instrument 3
DB-ALC1

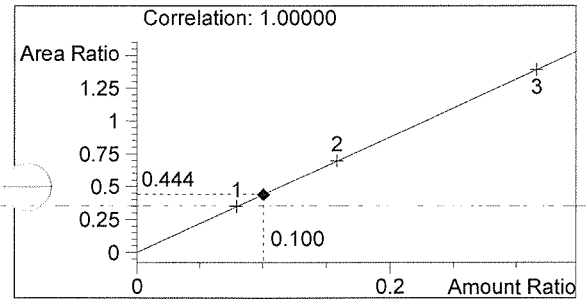
0.10 CONTROL
M PEMBERTON

vial # 11

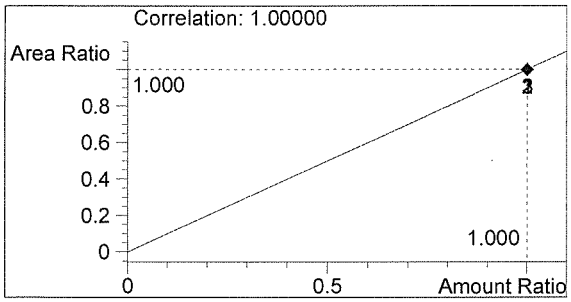


#	Compound	Area	RT
1		68	0.892
2	ETHANOL	1252	1.096
3	n-PROPANOL	2821	1.760

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

Calibration Table

ETOH CALIBRATION

Calib. Data Modified : Friday, April 25, 2003 8:17:01 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 0.200 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 0.200 %
Abs. Non-ref. Window : 0.050 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

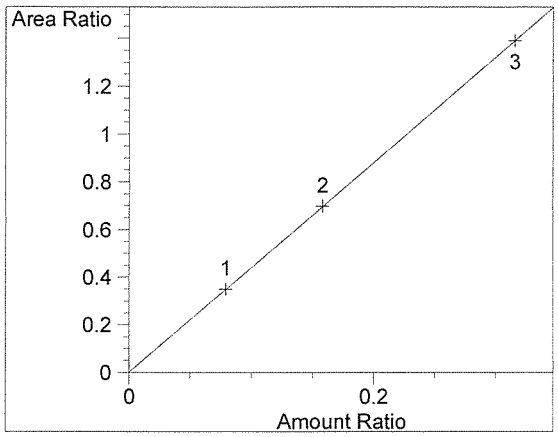
Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100ml]	Area	Amt/Area	Ref	Grp	Name
1.093	1	1	7.90000e-2	1104.97571	7.14948e-5	1		ETHANOL
		2	1.58000e-1	2183.89209	7.23479e-5			
		3	3.16000e-1	4251.82764	7.43210e-5			
1.756	1	1	1.00000	3153.59229	3.17099e-4	I1		n-PROPANOL
		2	1.00000	3126.18140	3.19879e-4			
		3	1.00000	3056.80518	3.27139e-4			

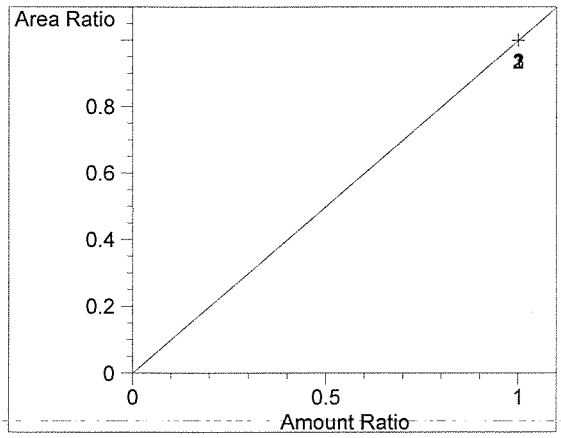
Peak Sum Table

No Entries in table

Calibration Curves



ETHANOL at exp. RT: 1.093
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00203
Formula: y = mx + b
m: 4.39995
b: 1.68314e-3
x: Amount Ratio
y: Area Ratio



n-PROPANOL at exp. RT: 1.756
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

Sequence Parameters:

Operator:	M PEMBERTON
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	042503MP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Vial Information Part:

Line	Vial	Vial Information
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	
19	19	
20	20	
21	21	

Line	Vial	Vial Information
22	22	
23	23	
24	24	
25	25	
26	26	
27	27	
28	28	
29	29	
30	30	
31	31	
32	32	
33	33	
34	34	
35	35	
36	36	

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CALIBRATOR	BLDALCO3	1	Calib		
3	3	0.158 CALIBRATOR	BLDALCO3	1	Calib		
4	4	0.316 CALIBRATOR	BLDALCO3	1	Calib		
5	5	0.10 control	BLDALCO3	1	Ctrl Samp		
6	6	03008 SIM SOLN	BLDALCO3	1	Sample		
7	7	03008 SIM SOLN	BLDALCO3	1	Sample		
8	8	03008 SIM SOLN	BLDALCO3	1	Sample		
9	9	03008 SIM SOLN	BLDALCO3	1	Sample		
10	10	03008 SIM SOLN	BLDALCO3	1	Sample		
11	11	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
12	12	03009 SIM SOLN	BLDALCO3	1	Sample		
13	13	03009 SIM SOLN	BLDALCO3	1	Sample		
14	14	03009 SIM SOLN	BLDALCO3	1	Sample		
15	15	03009 SIM SOLN	BLDALCO3	1	Sample		
16	16	03009 SIM SOLN	BLDALCO3	1	Sample		
17	17	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
18	18	03010 0.04QA	BLDALCO3	1	Sample		
19	19	03010 0.04 QA	BLDALCO3	1	Sample		
20	20	03010 0.04 QA	BLDALCO3	1	Sample		
21	21	03010 0.04QA	BLDALCO3	1	Sample		
22	22	03010 0.04QA	BLDALCO3	1	Sample		
23	23	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
24	24	03011 0.08QA	BLDALCO3	1	Sample		
25	25	03011 0.08 QA	BLDALCO3	1	Sample		
26	26	03011 0.08QA	BLDALCO3	1	Sample		
27	27	03011 0.08 QA	BLDALCO3	1	Sample		
28	28	03011 0.08 QA	BLDALCO3	1	Sample		
29	29	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
30	30	03012 0.15 QA	BLDALCO3	1	Sample		
31	31	03012 0.15 QA	BLDALCO3	1	Sample		
32	32	03012 0.15QA	BLDALCO3	1	Sample		
33	33	03012 0.15 QA	BLDALCO3	1	Sample		
34	34	03012 0.15 QA	BLDALCO3	1	Sample		
35	35	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
36	36	BLK	BLDALCO3	1	Sample		

Calibration Part:

Line	Vial	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	2	0.079 CALIBRATOR	BLDALCO3	1	Replace	Average	
3	3	0.158 CALIBRATOR	BLDALCO3	2	Replace	Average	
4	4	0.316 CALIBRATOR	BLDALCO3	3	Replace	Average	

Quantification Part:

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	1	BLANK				
2	2	0.079 CALIBRATOR				
3	3	0.158 CALIBRATOR				
4	4	0.316 CALIBRATOR				
5	5	0.10 control				
6	6	03008 SIM SOLN				
7	7	03008 SIM SOLN				
8	8	03008 SIM SOLN				
9	9	03008 SIM SOLN				
10	10	03008 SIM SOLN				
11	11	0.10 CONTROL				
12	12	03009 SIM SOLN				
13	13	03009 SIM SOLN				
14	14	03009 SIM SOLN				
15	15	03009 SIM SOLN				
16	16	03009 SIM SOLN				
17	17	0.10 CONTROL				
18	18	03010 0.04QA				
19	19	03010 0.04 QA				
20	20	03010 0.04 QA				
21	21	03010 0.04QA				
22	22	03010 0.04QA				
23	23	0.10 CONTROL				
24	24	03011 0.08QA				
25	25	03011 0.08 QA				
26	26	03011 0.08QA				
27	27	03011 0.08 QA				
28	28	03011 0.08 QA				
29	29	0.10 CONTROL				
30	30	03012 0.15 QA				
31	31	03012 0.15 QA				
32	32	03012 0.15QA				
33	33	03012 0.15 QA				
34	34	03012 0.15 QA				
35	35	0.10 CONTROL				
36	36	BLK				

Sequence Table (Back Injector):

No entries - empty table!

Sequence Output Parameters:

Print Sequence Summary Report (SSR): No
Dest of individual reports for each run: as specified in Method

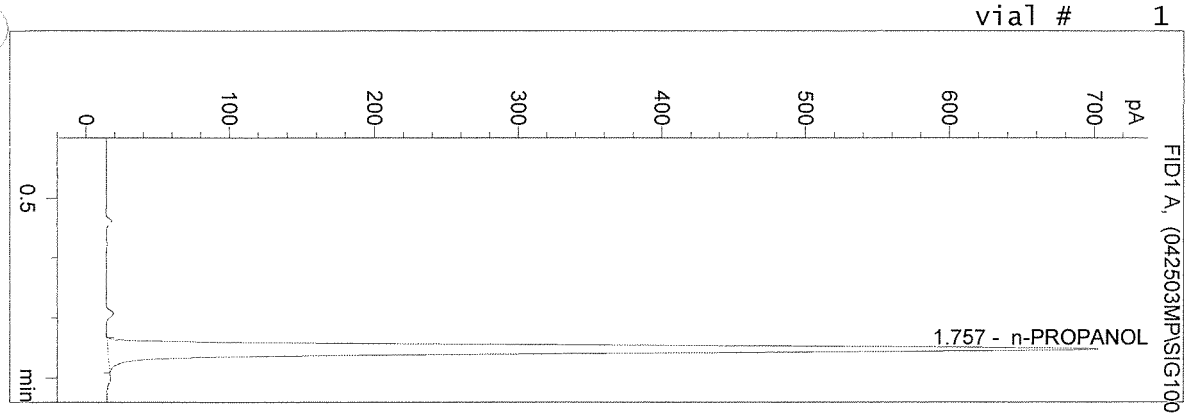
Sequence Summary Parameters:

One page header:	No
Print Configuration:	No
Print Sequence:	No
Print Logbook:	No
Print Method(s):	No
Print Analysis reports:	No
Print Statistics for Calib. runs:	No
Print Statistics for Sample runs:	No
Summary style:	Sample Summary

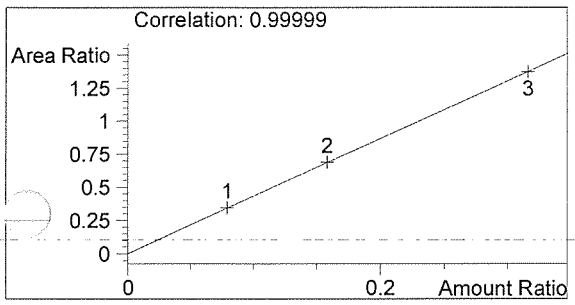
C:\HPCHEM\1\METHODS\BLDALCO3.M
4/25/03 8:04:40 AM
Instrument 3
DB-ALC1

BLANK
M PEMBERTON

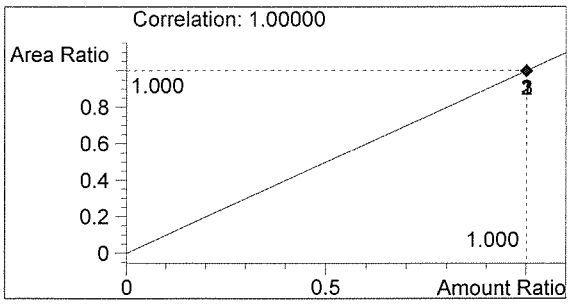
vial # 1



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3093	1.757
Totals:			



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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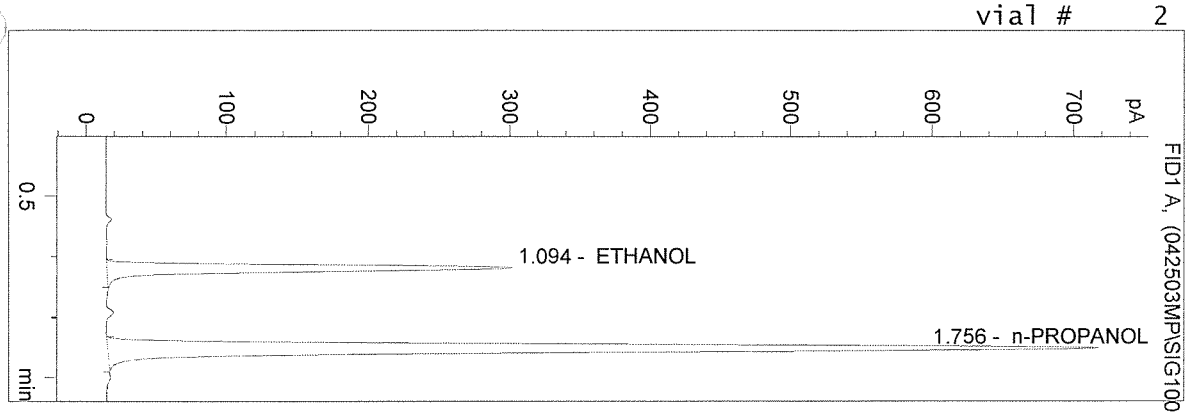
4/25/03 8:08:03 AM
Instrument 3
DB-ALC1

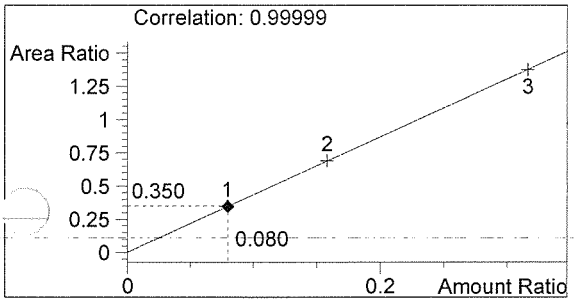
0.079 CALIBRATOR
M PEMBERTON

vial # 2

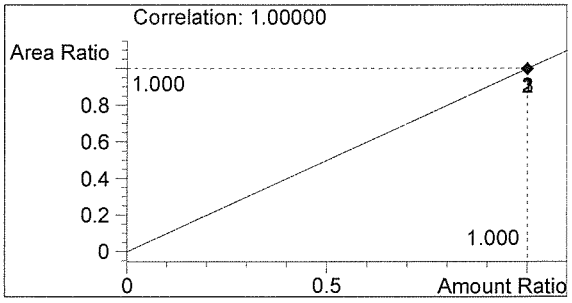


#	Compound	Area	RT
1	ETHANOL	1105	1.094
2	n-PROPANOL	3154	1.756

Totals:



ETHANOL 0.080 g/100mL



n-PROPANOL 1.000 g/100mL

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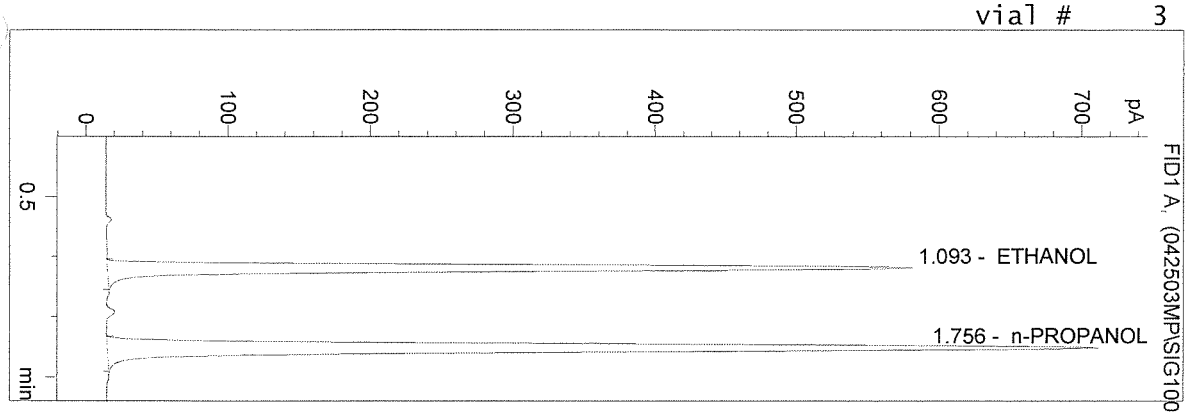
4/25/03 8:11:26 AM
Instrument 3
DB-ALC1

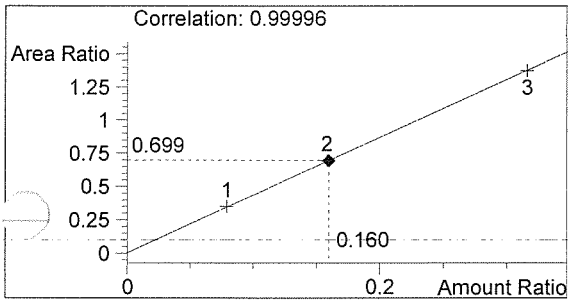
0.158 CALIBRATOR
M PEMBERTON

vial # 3

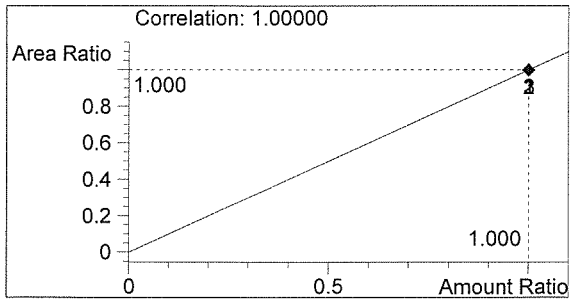


#	Compound	Area	RT
1	ETHANOL	2184	1.093
2	n-PROPANOL	3126	1.756

Totals:



ETHANOL 0.160 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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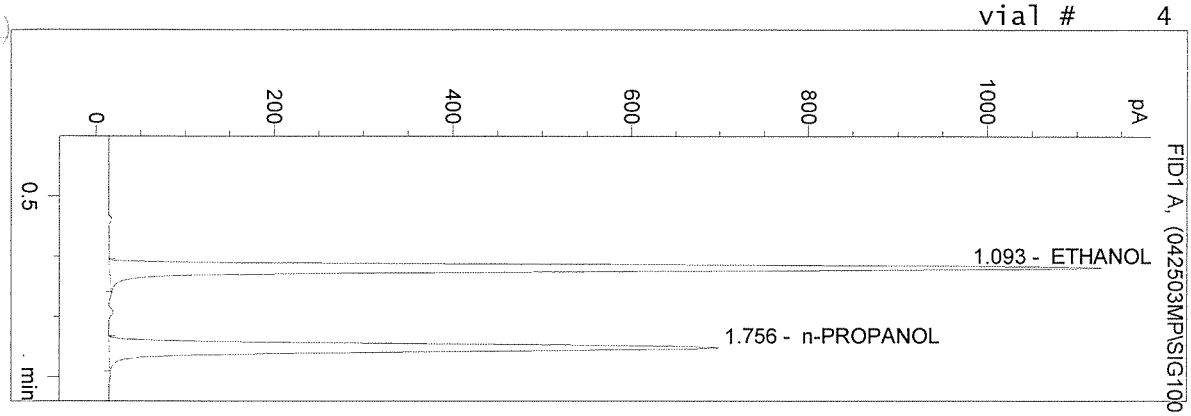
4/25/03 8:14:48 AM
Instrument 3
DB-ALC1

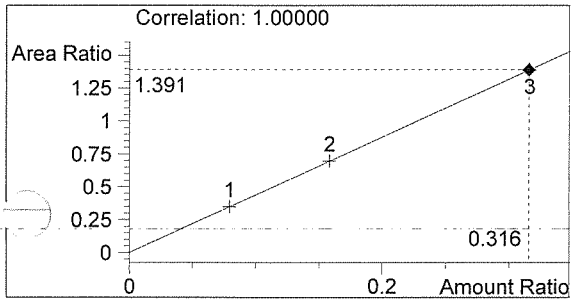
0.316 CALIBRATOR
M PEMBERTON

vial # 4

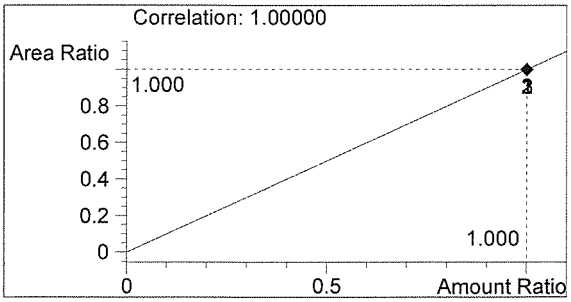


#	Compound	Area	RT
1	ETHANOL	4252	1.093
2	n-PROPANOL	3057	1.756

Totals:



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

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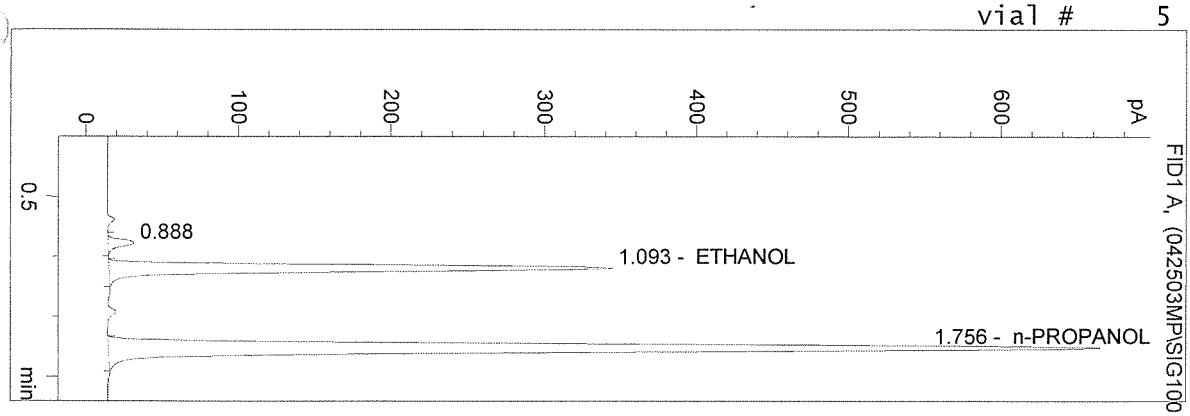
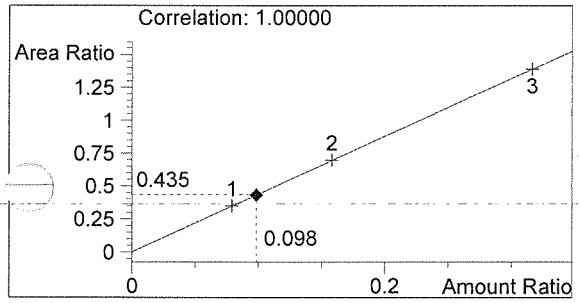
C:\HPCHEM\1\METHODS\BLDALCO3.M
4/25/03 8:18:25 AM
Instrument 3
DB-ALC1

0.10 control
M PEMBERTON

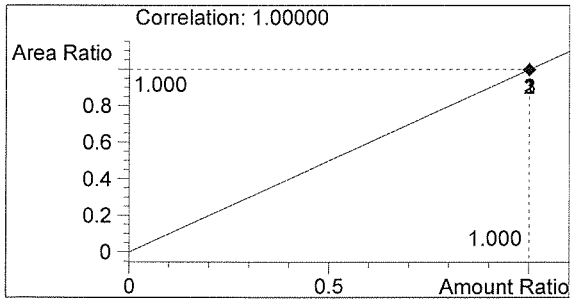
vial # 5



#	Compound	Area	RT
1		67	0.888
2	ETHANOL	1275	1.093
3	n-PROPANOL	2932	1.756
Totals:			



ETHANOL 0.098 g/100mL

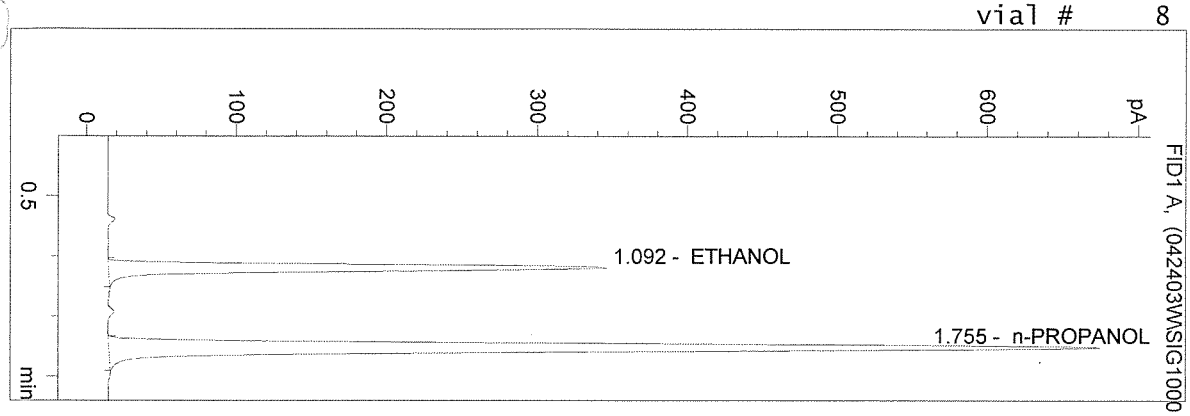


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 10:17:35 AM
Instrument 3
DB-ALC1

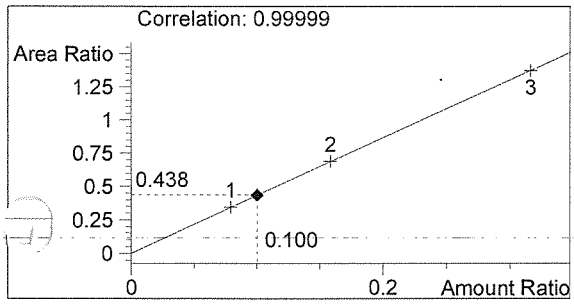
SIM 03008
WP MARSHALL

vial # 8

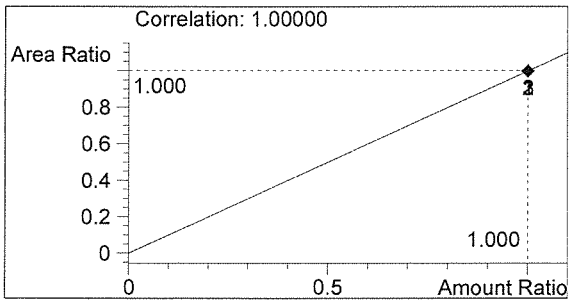


#	Compound	Area	RT
1	ETHANOL	1316	1.092
2	n-PROPANOL	3007	1.755

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

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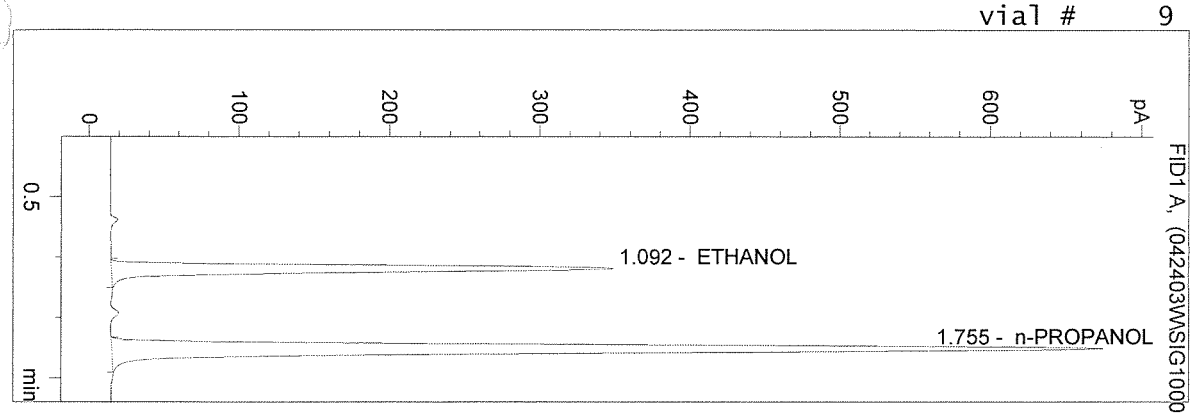
C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 10:20:57 AM
Instrument 3
DB-ALC1

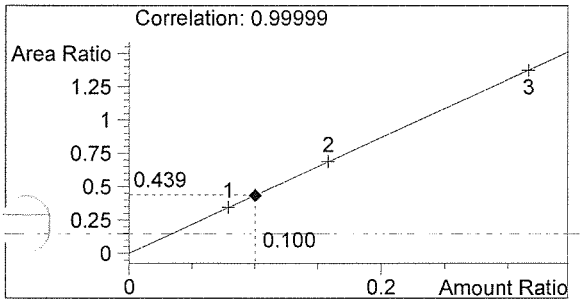
SIM 03008
WP MARSHALL

vial # 9

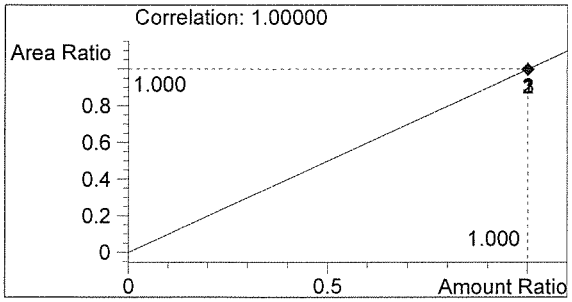


#	Compound	Area	RT
1	ETHANOL	1321	1.092
2	n-PROPANOL	3012	1.755

Totals:



ETHANOL 0.100 g/100mL



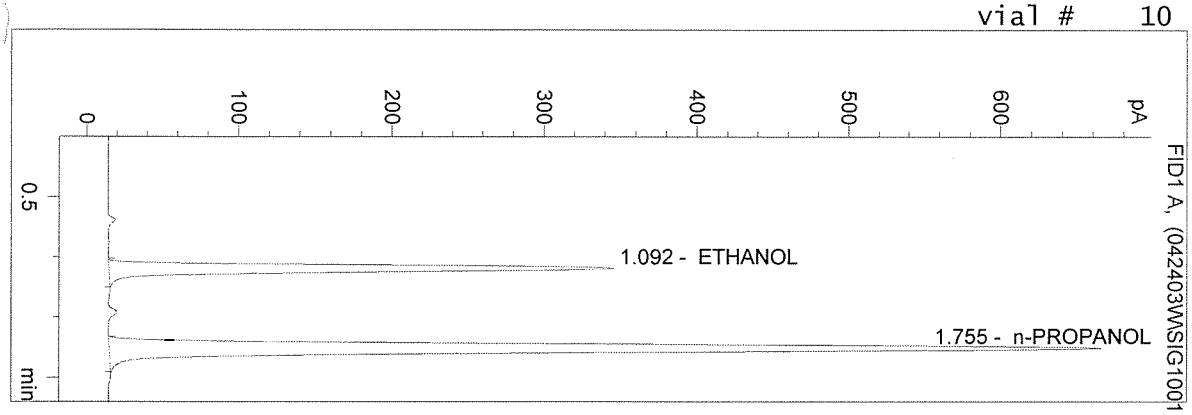
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 10:24:20 AM
Instrument 3
DR-ALC1

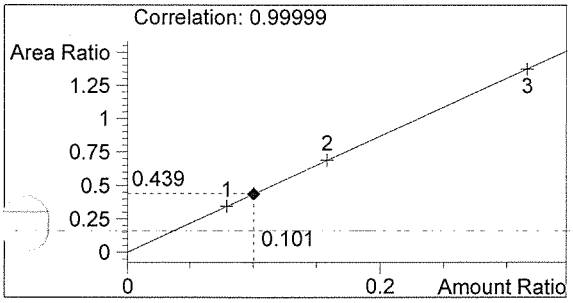
SIM 03008
WP MARSHALL

vial # 10

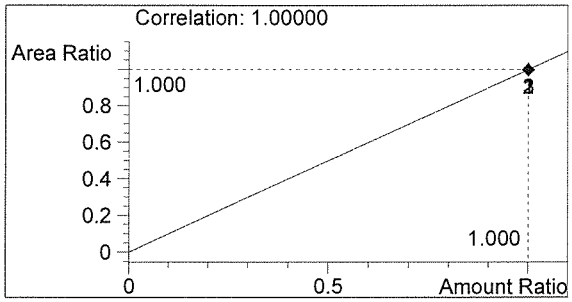


#	Compound	Area	RT
1	ETHANOL	1303	1.092
2	n-PROPANOL	2966	1.755

Totals:



ETHANOL 0.101 g/100mL

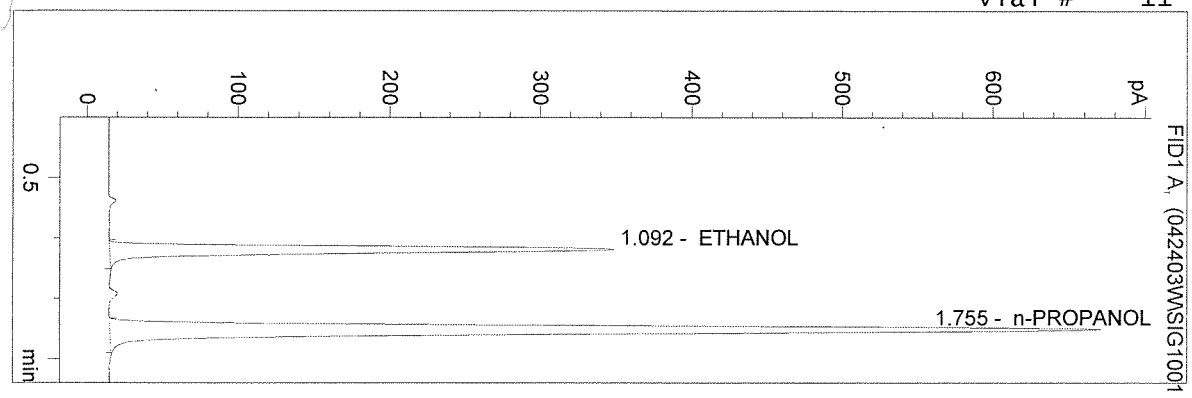


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 10:27:43 AM
Instrument 3
DB-ALC1

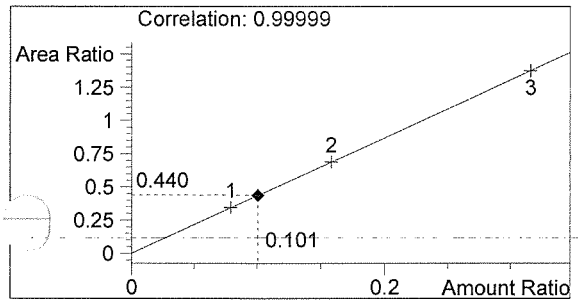
SIM 03008
WP MARSHALL

vial # 11

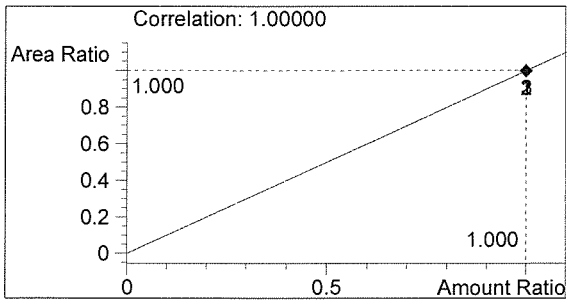


#	Compound	Area	RT
1	ETHANOL	1314	1.092
2	n-PROPANOL	2988	1.755

Totals:



ETHANOL 0.101 g/100mL

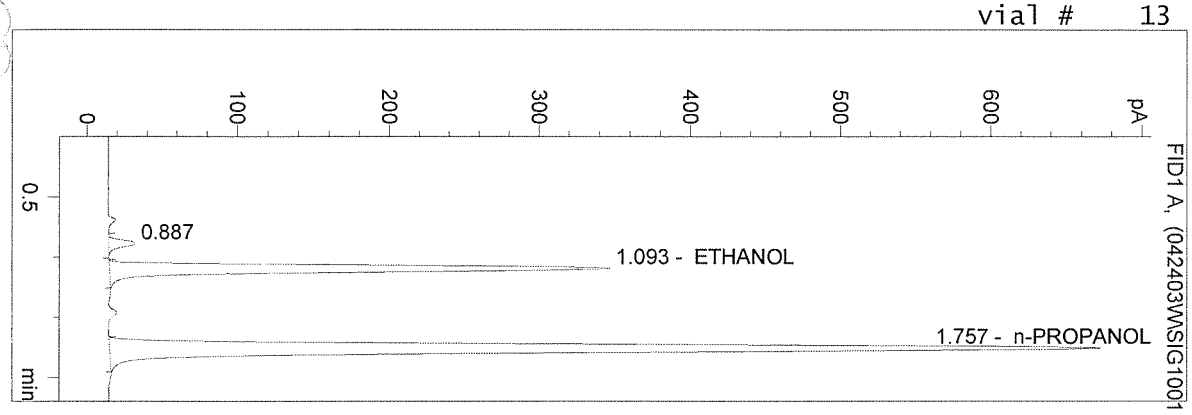


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 10:34:28 AM
Instrument 3
DB-ALC1

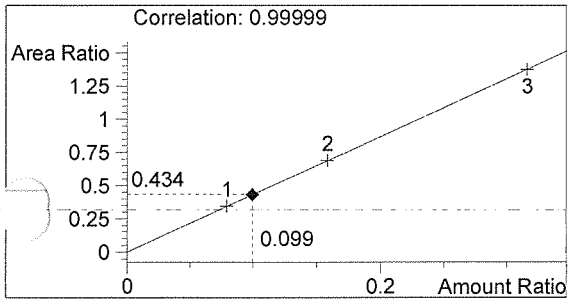
0.100 CONTROL
WP MARSHALL

vial # 13

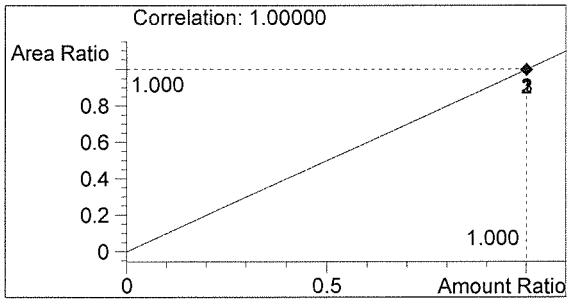


#	Compound	Area	RT
1		67	0.887
2	ETHANOL	1285	1.093
3	n-PROPANOL	2959	1.757

Totals:



ETHANOL 0.099 g/100mL

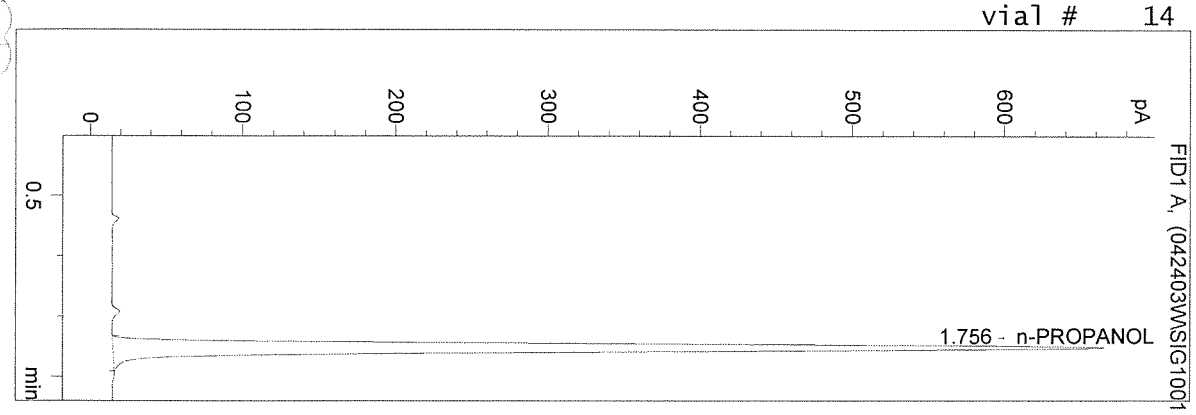


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 10:37:51 AM
Instrument 3
DB-ALC1

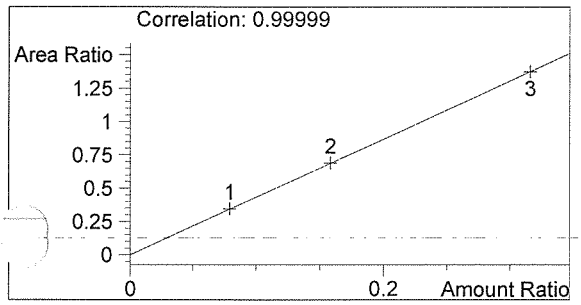
BLANK
WP MARSHALL

vial # 14

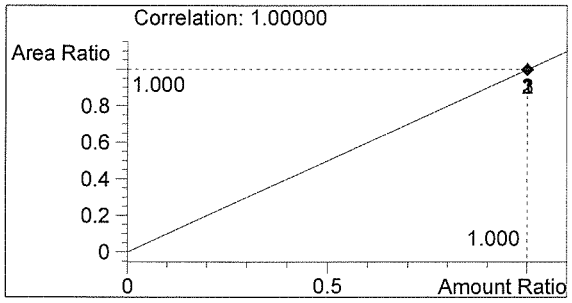


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2930	1.756

Totals:



ETHANOL 0.000 g/100mL

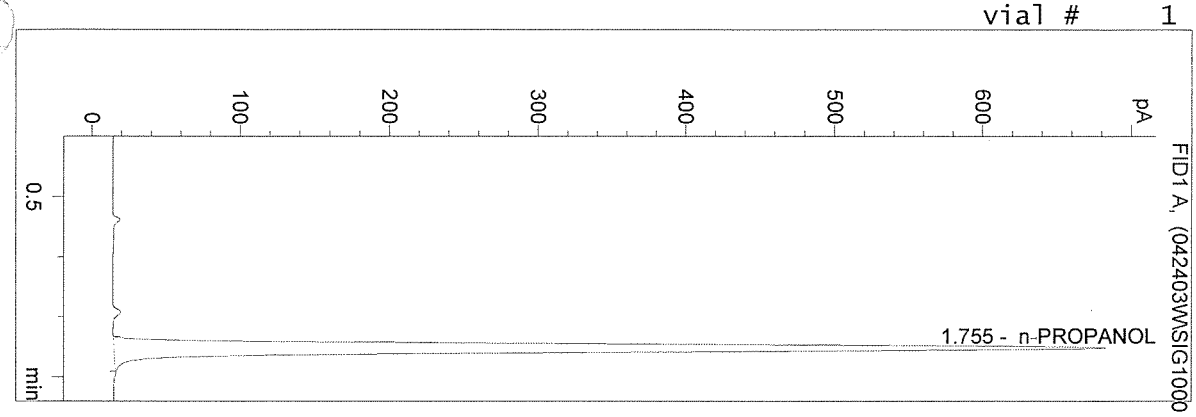


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 9:53:56 AM
Instrument 3
DB-ALC1

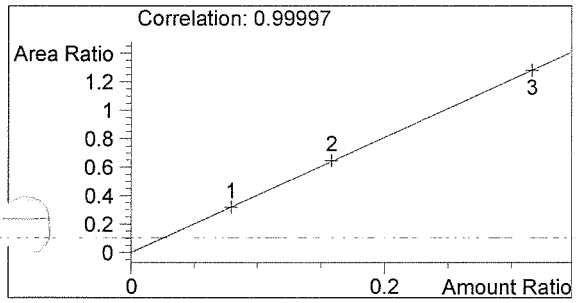
BLANK
WP MARSHALL

vial # 1

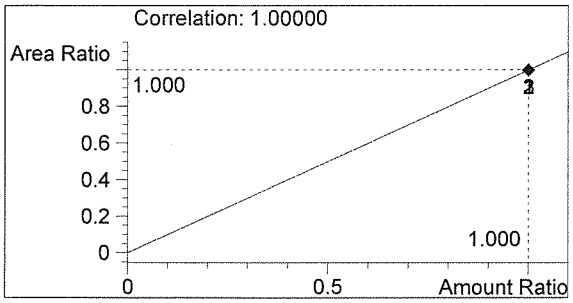


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3021	1.755

Totals:



ETHANOL 0.000 g/100mL



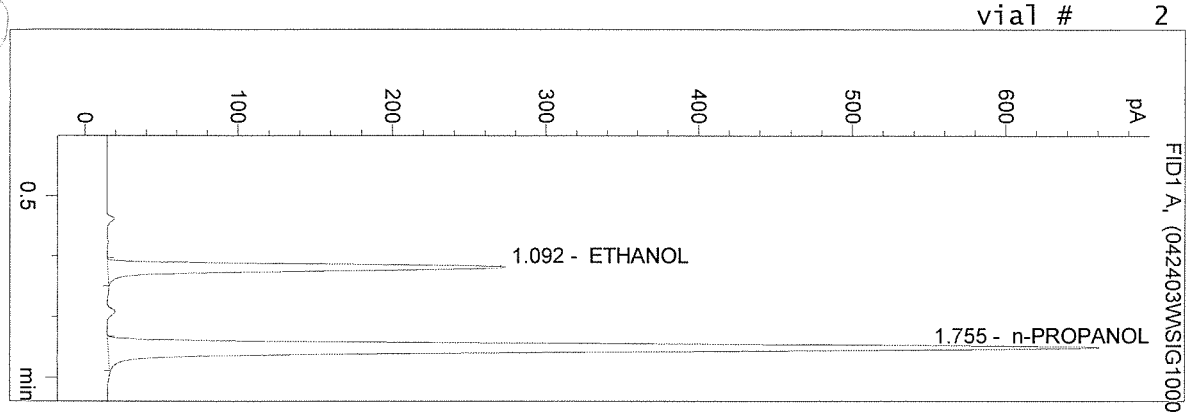
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 9:57:19 AM
Instrument 3
DB-ALC1

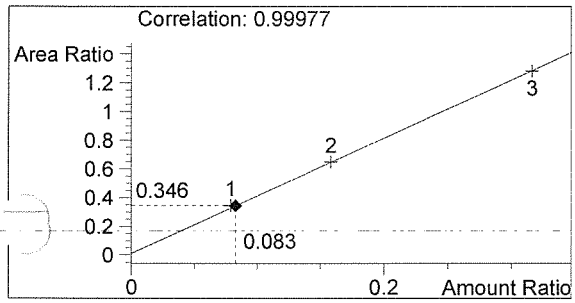
0.079 CAL
WP MARSHALL

vial # 2

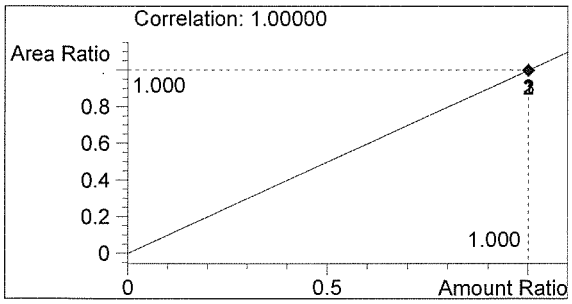


#	Compound	Area	RT
1	ETHANOL	1015	1.092
2	n-PROPANOL	2933	1.755

Totals:



ETHANOL 0.083 g/100mL



n-PROPANOL 1.000 g/100mL

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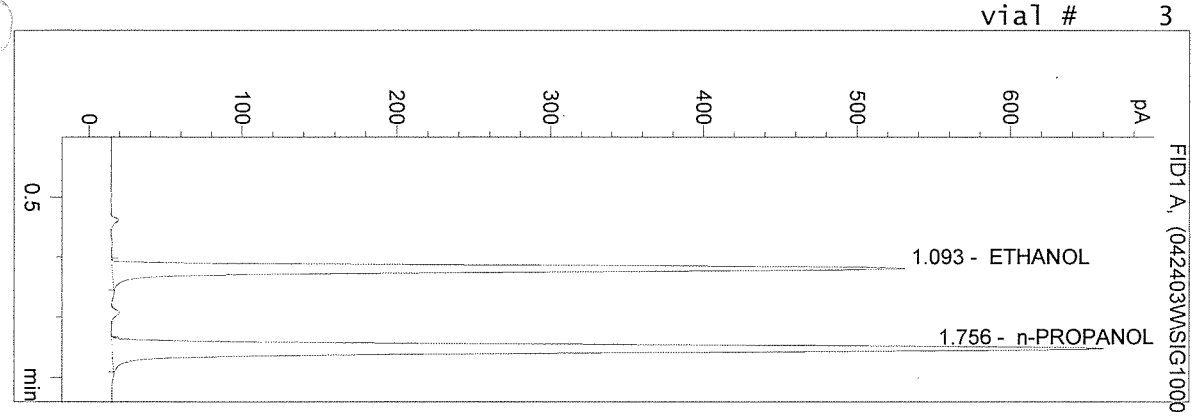
4/24/03 10:00:41 AM
Instrument 3
DB-ALC1

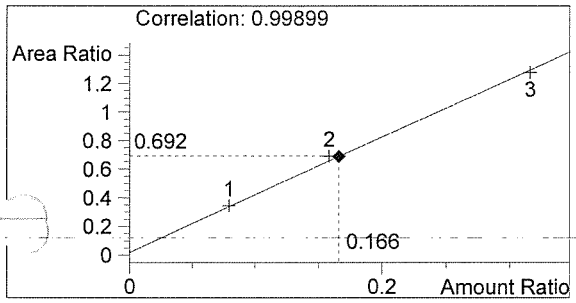
0.158 CAL
WP MARSHALL

vial # 3

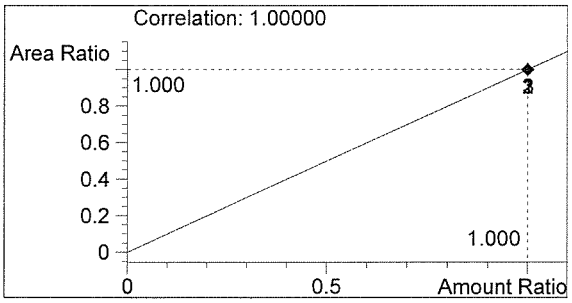


#	Compound	Area	RT
1	ETHANOL	2020	1.093
2	n-PROPANOL	2920	1.756

Totals:



ETHANOL 0.166 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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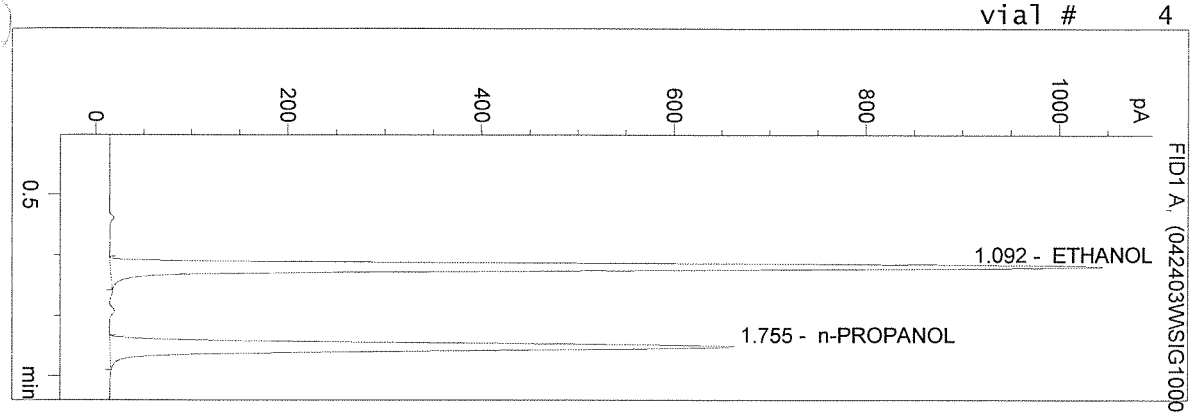
Instrument 3
DB-ALC1

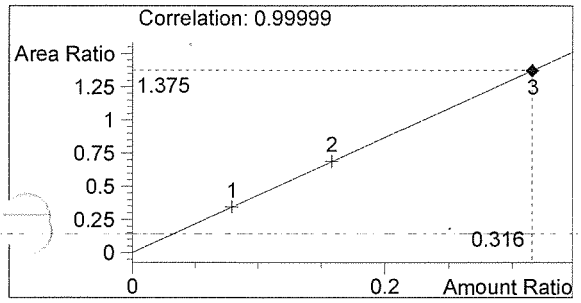
0.316 CAL
WP MARSHALL

vial # 4

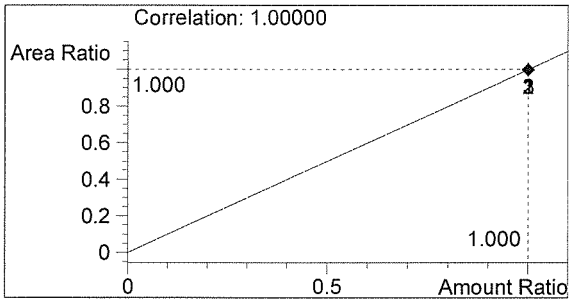


#	Compound	Area	RT
1	ETHANOL	4036	1.092
2	n-PROPANOL	2936	1.755

Totals:



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
DB-ALC1

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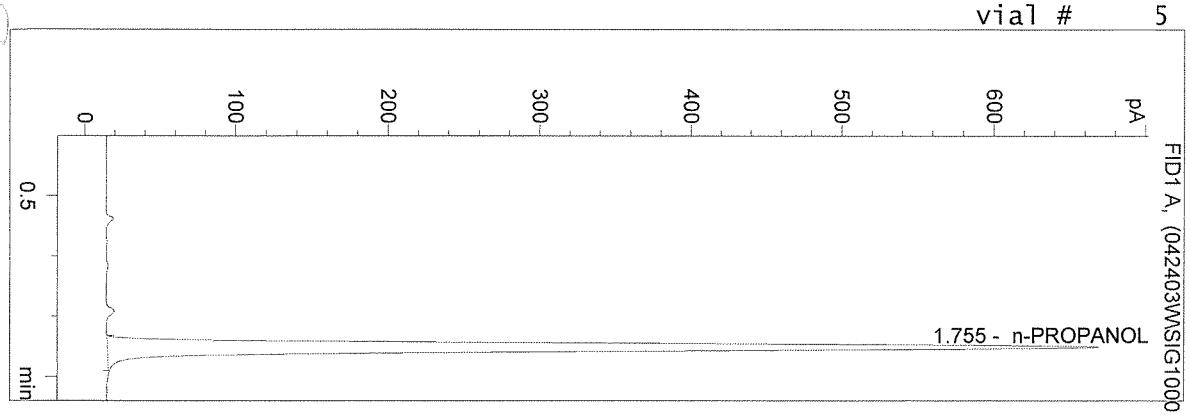
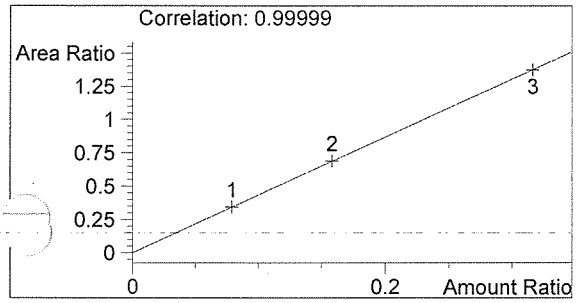
WP MARSHALL

vial # 5

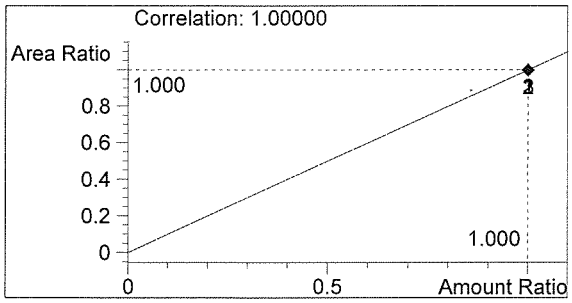


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2963	1.755

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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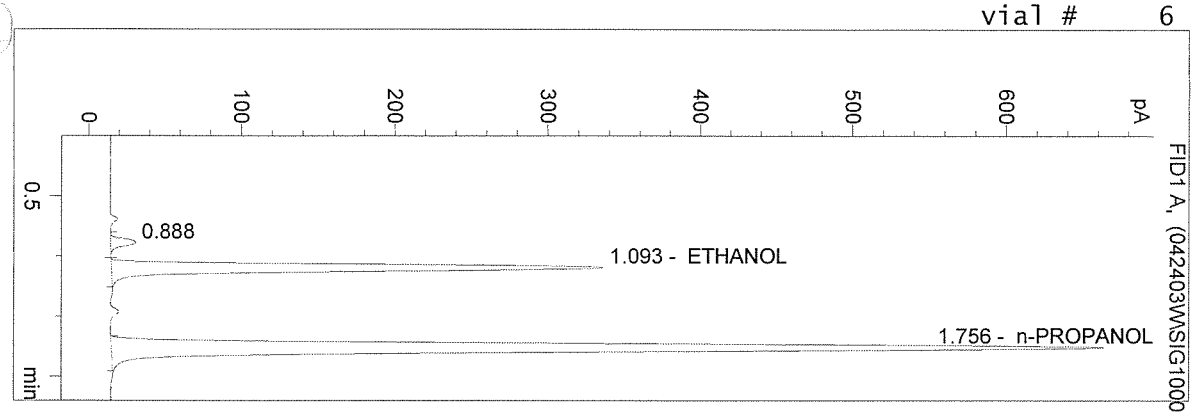
Instrument 3
DB-ALC1

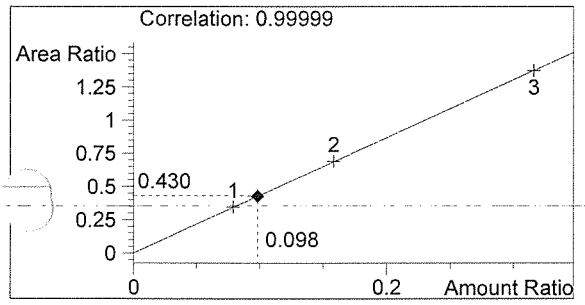
0.100 CONTROL
WP MARSHALL

vial # 6

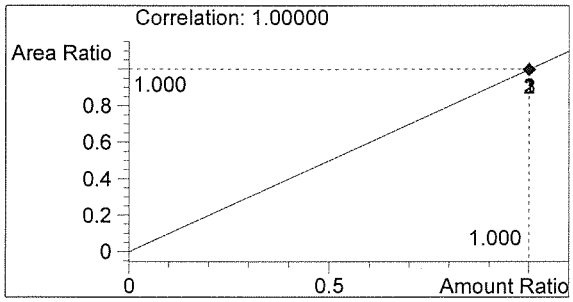


#	Compound	Area	RT
1		66	0.888
2	ETHANOL	1275	1.093
3	n-PROPANOL	2964	1.756

Totals:



ETHANOL 0.098 g/100mL



n-PROPANOL 1.000 g/100mL

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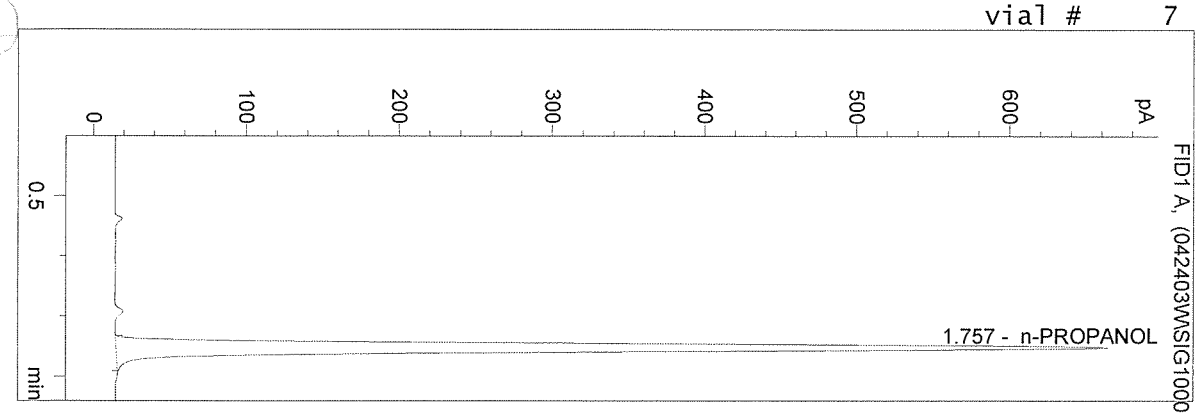
Instrument 3
DB-ALC1

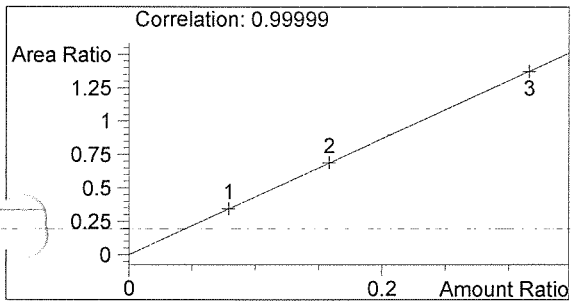
BLANK
WP MARSHALL

vial # 7

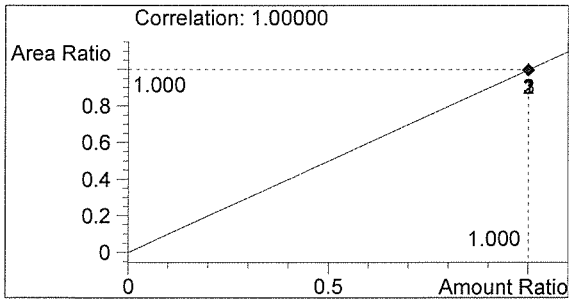


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2947	1.757

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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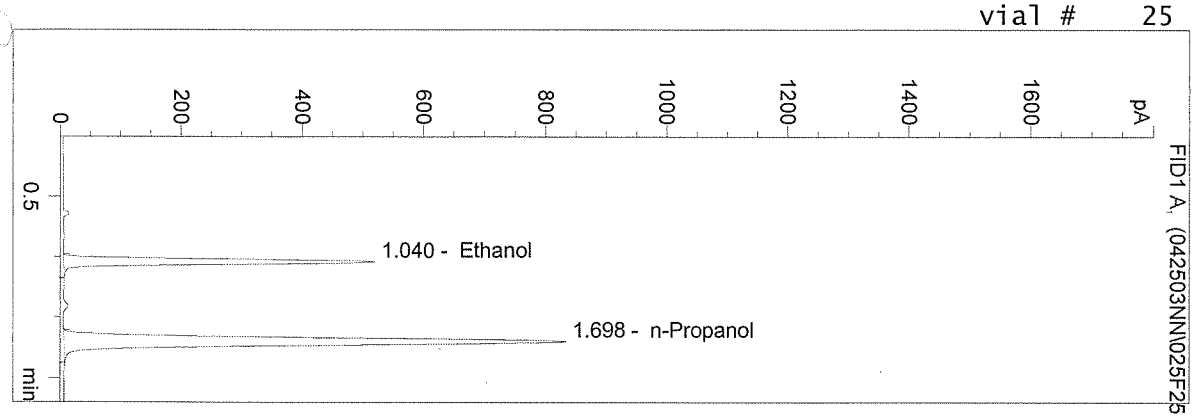
4/25/03 6:00:33 PM
Instrument 1
DB-ALC1

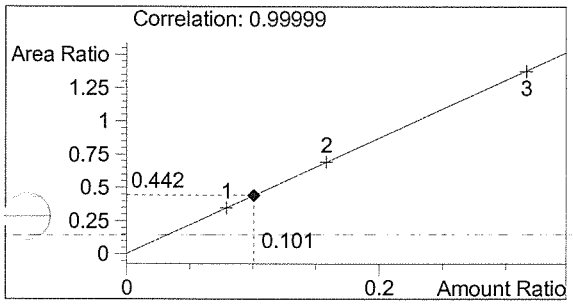
SIM 03008-1
N Nuwayhid, PHD

vial # 25

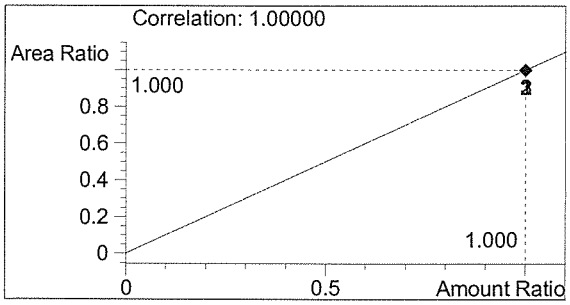


#	Compound	Area	RT
1	Ethanol	1528	1.040
2	n-Propanol	3458	1.698

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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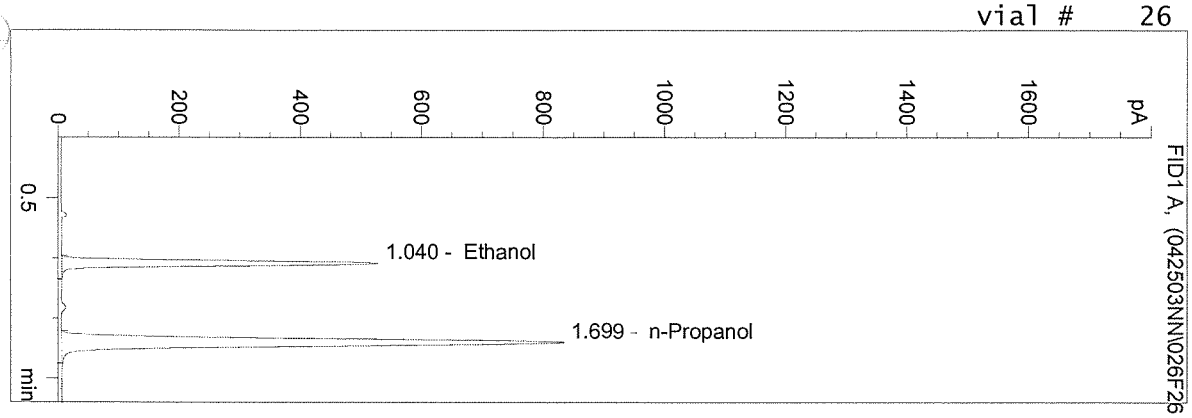
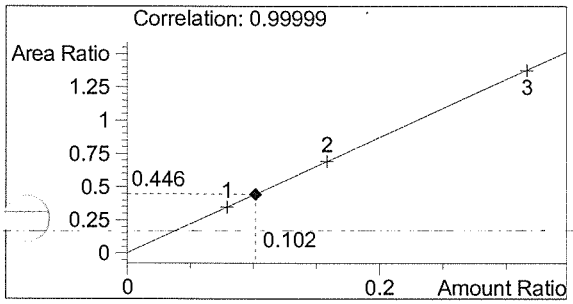
Instrument 1
DB-ALC1

SIM 03008-2
N Nuwayhid, PHD

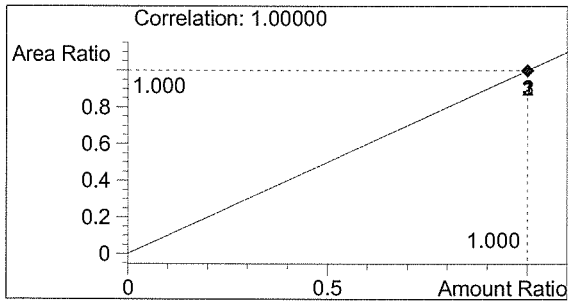
vial # 26



#	Compound	Area	RT
1	Ethanol	1551	1.040
2	n-Propanol	3476	1.699
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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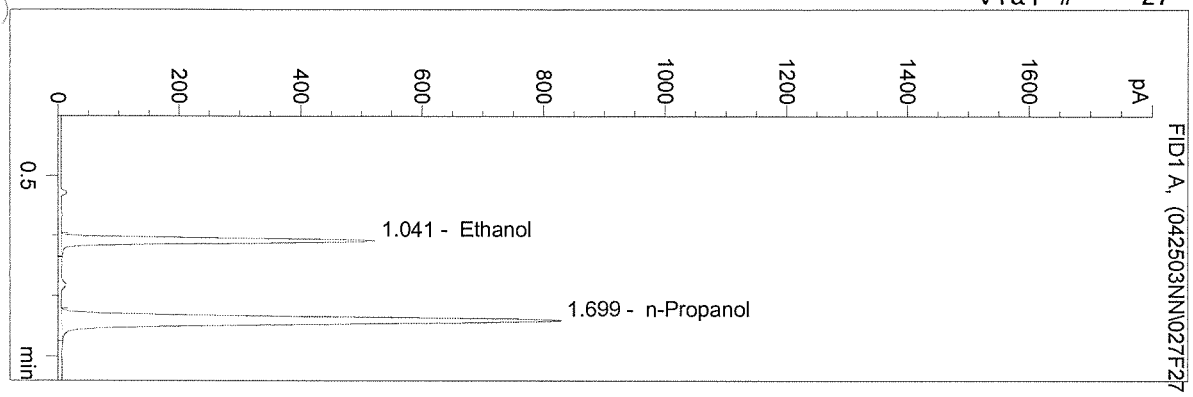
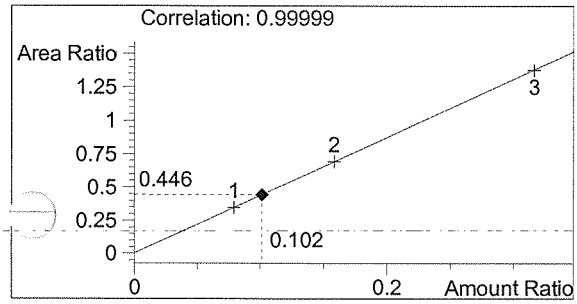
Instrument 1
DB-ALC1

SIM 03008-3
N Nuwayhid, PHD

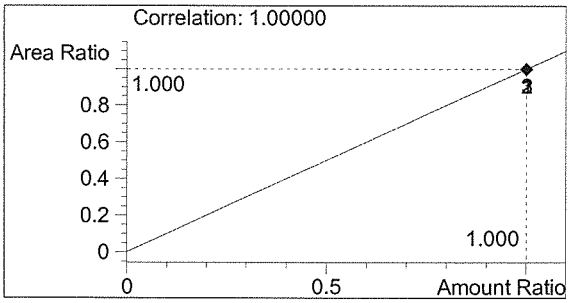
vial # 27



#	Compound	Area	RT
1	Ethanol	1534	1.041
2	n-Propanol	3443	1.699
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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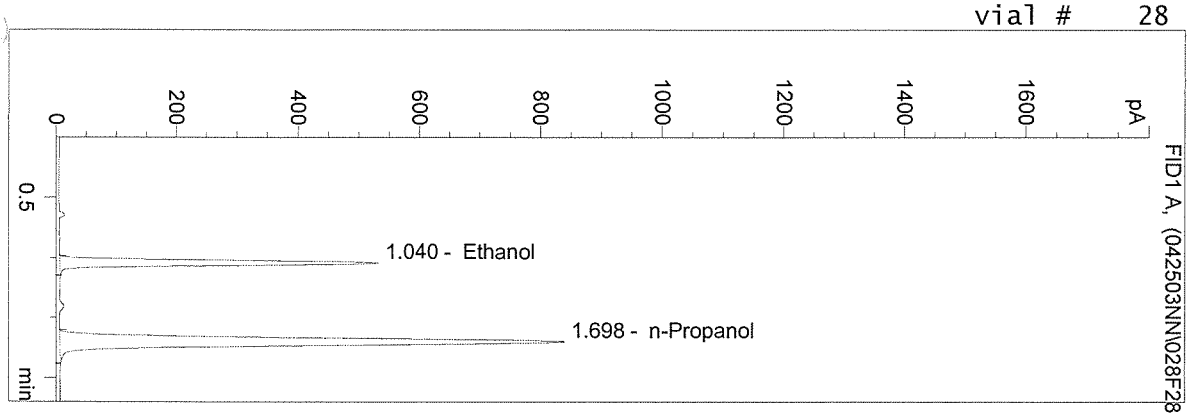
Instrument 1
DB-ALC1

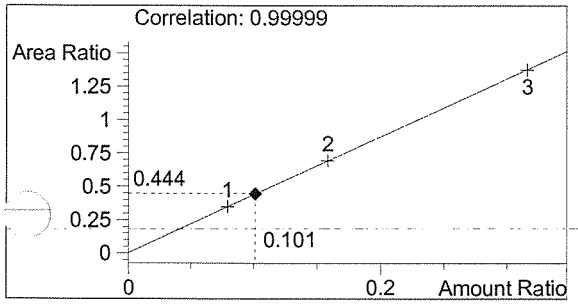
SIM 03008-4
N Nuwayhid, PHD

vial # 28

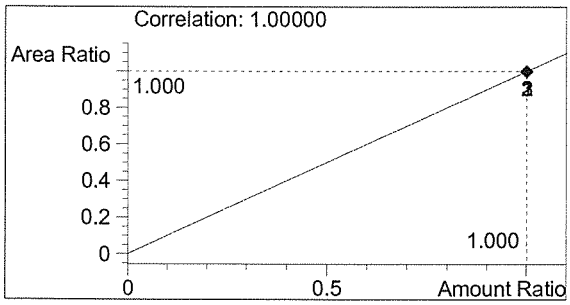


#	Compound	Area	RT
1	Ethanol	1549	1.040
2	n-Propanol	3487	1.698

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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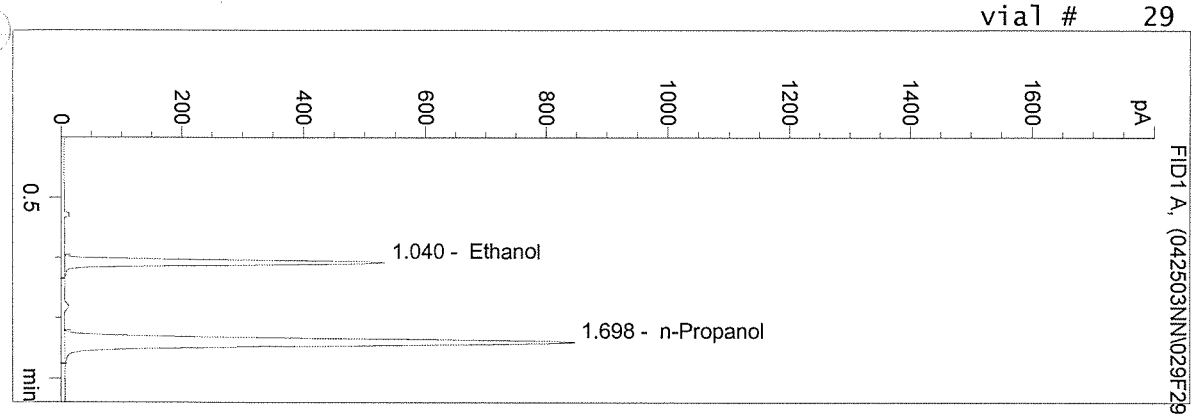
Instrument 1
DB-ALC1

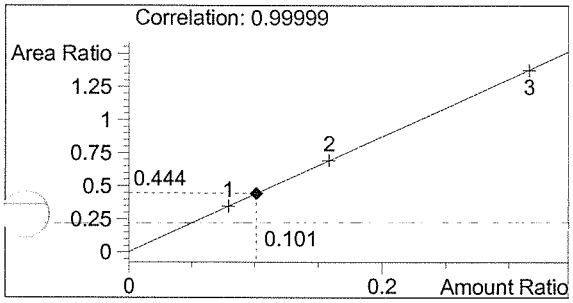
SIM 03008-5
N Nuwayhid, PHD

vial # 29

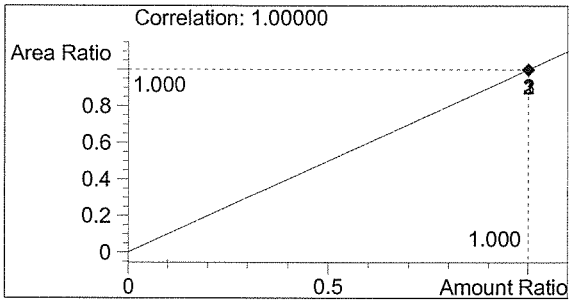


#	Compound	Area	RT
1	Ethanol	1561	1.040
2	n-Propanol	3515	1.698

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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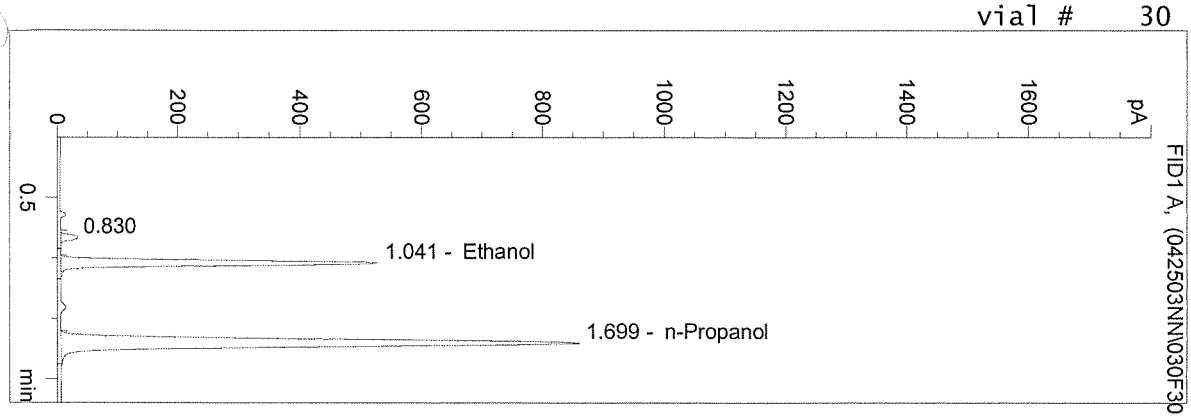
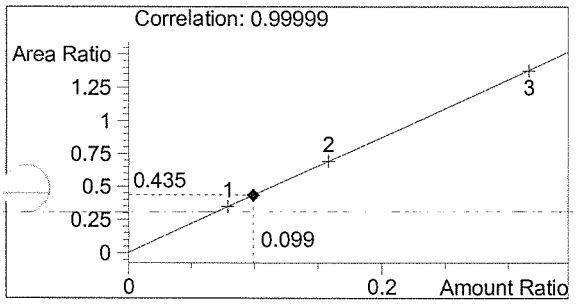
Instrument 1
DB-ALC1

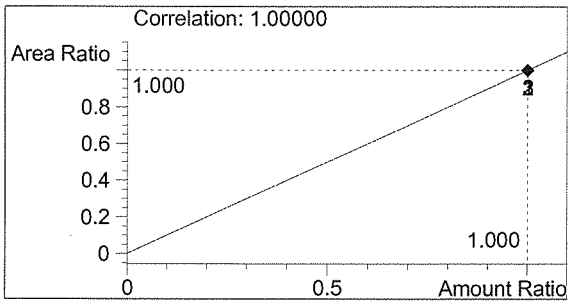
0.100 ctrl
N Nuwayhid, PHD
vial # 30



#	Compound	Area	RT
1		84	0.830
2	Ethanol	1556	1.041
3	n-Propanol	3579	1.699
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
DB-ALC1

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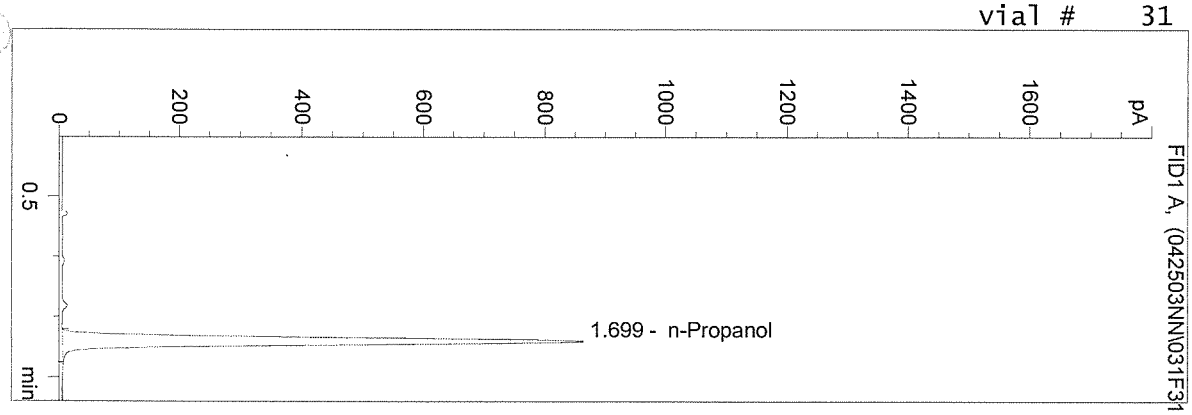
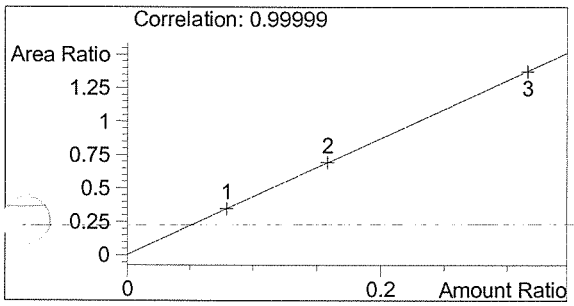
N Nuwayhid, PHD

vial # 31

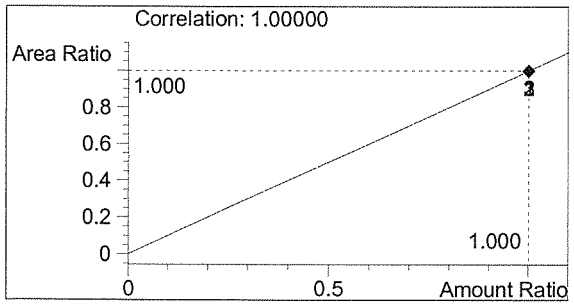


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3593	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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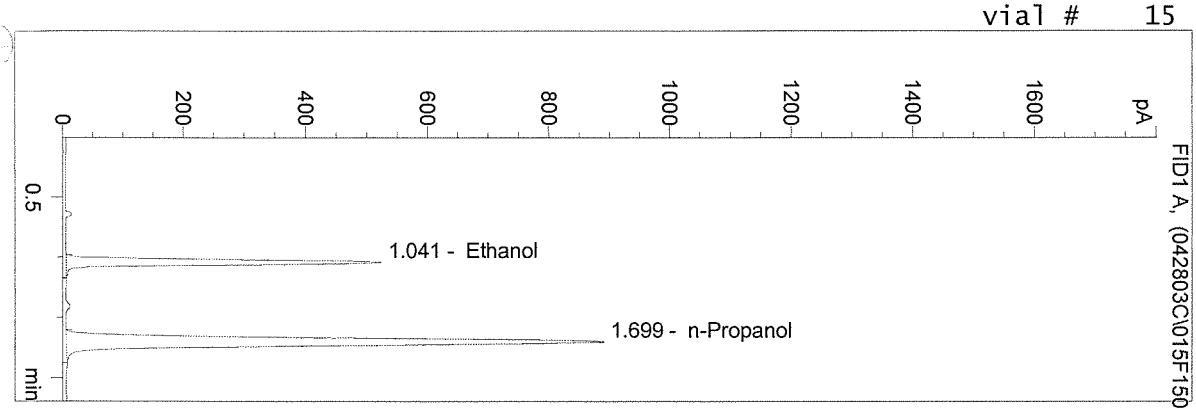
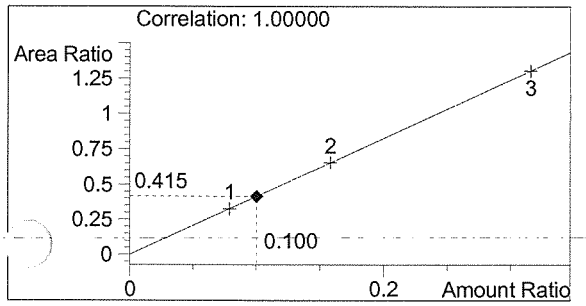
Instrument 1
DB-ALC1

03008
ED FORMOSO

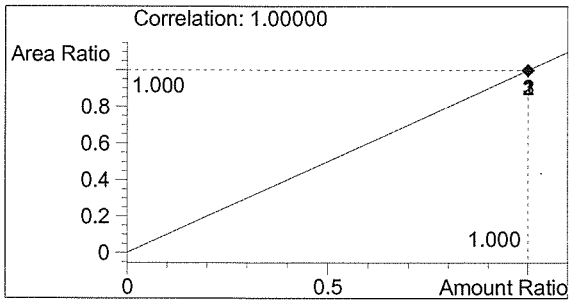
vial # 15



#	Compound	Area	RT
1	Ethanol	1538	1.041
2	n-Propanol	3708	1.699
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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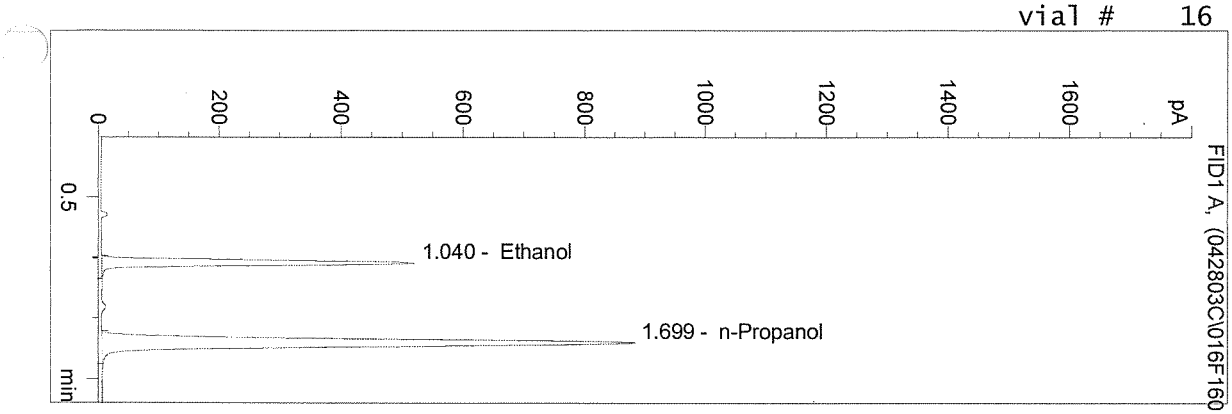
Instrument 1
DB-ALC1

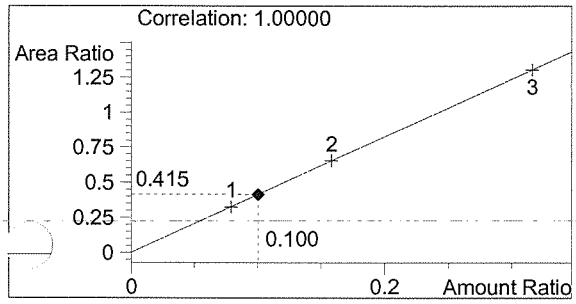
03008
ED FORMOSO

vial # 16

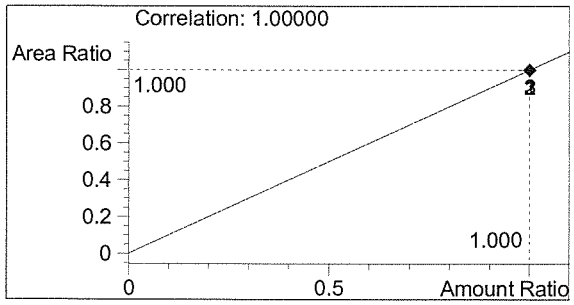


#	Compound	Area	RT
1	Ethanol	1529	1.040
2	n-Propanol	3684	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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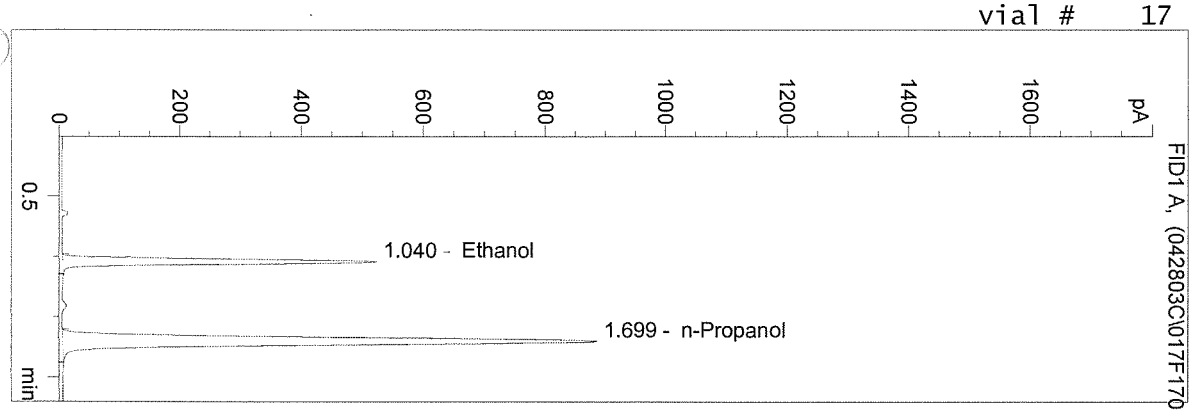
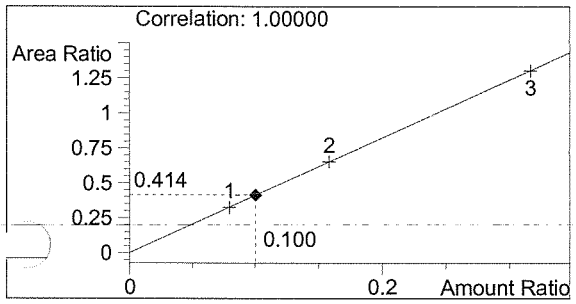
4/28/03 10:07:32 AM
Instrument 1
DB-ALC1

03008
ED FORMOSO

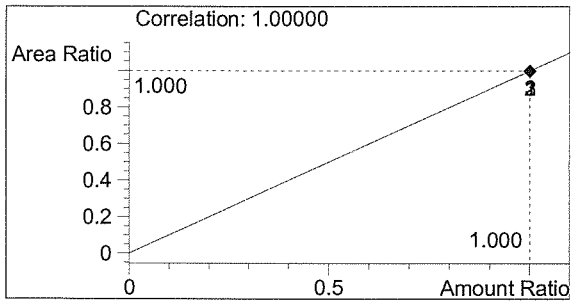
vial # 17



#	Compound	Area	RT
1	Ethanol	1528	1.040
2	n-Propanol	3692	1.699
Totals:			



Ethanol 0.100 g/100ml



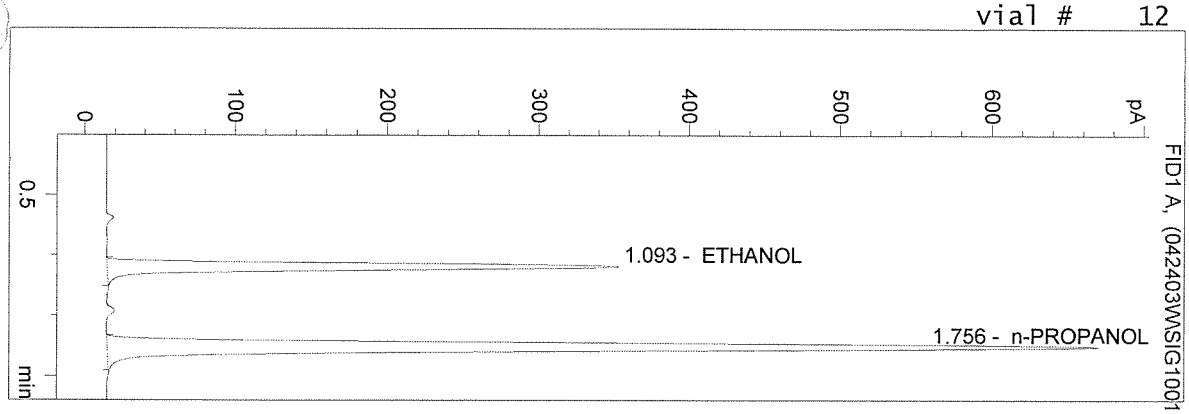
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
4/24/03 10:31:05 AM
Instrument 3
DB-ALC1

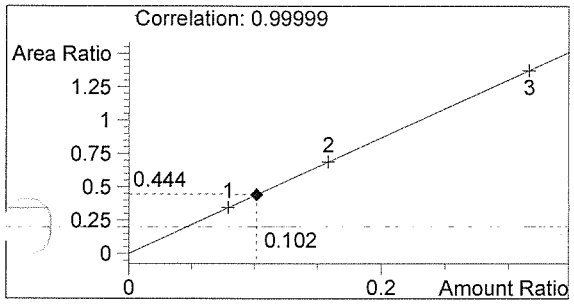
SIM 03008
WP MARSHALL

vial # 12

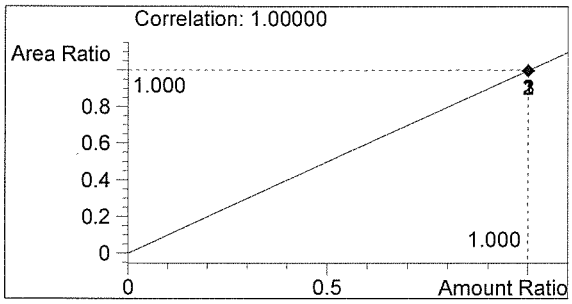


#	Compound	Area	RT
1	ETHANOL	1310	1.093
2	n-PROPANOL	2948	1.756

Totals:



ETHANOL 0.102 g/100mL



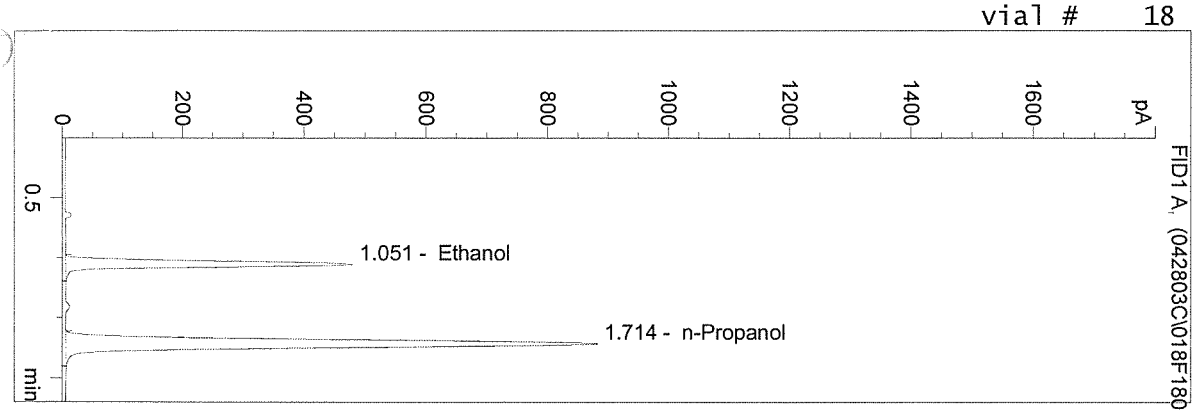
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
4/28/03 10:10:34 AM
Instrument 1
DB-ALC1

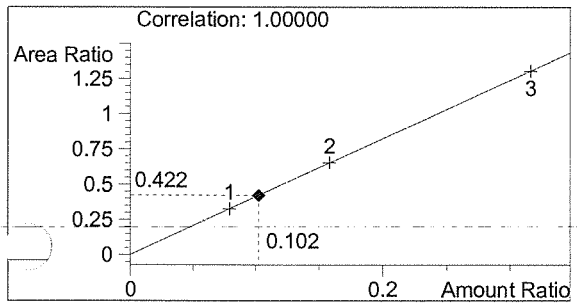
03008
ED FORMOSO

vial # 18

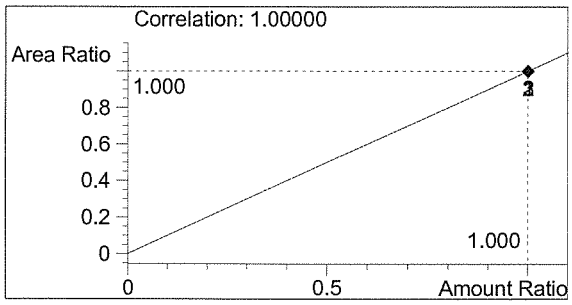


#	Compound	Area	RT
1	Ethanol	1630	1.051
2	n-Propanol	3858	1.714

Totals:



Ethanol 0.102 g/100ml



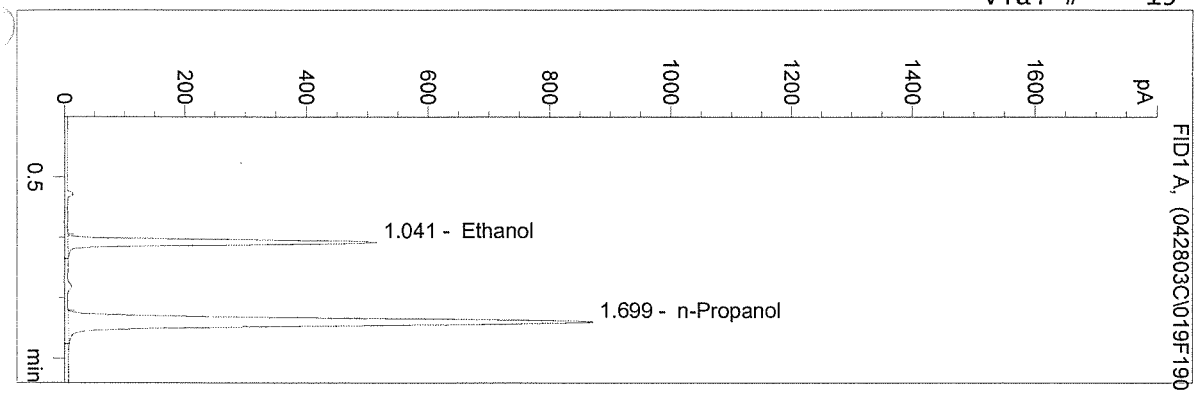
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
4/28/03 10:13:36 AM
Instrument 1
DB-ALC1

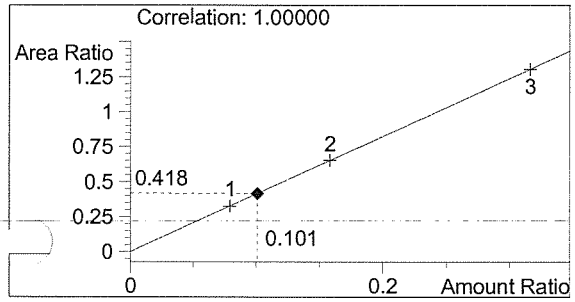
03008
ED FORMOSO

vial # 19

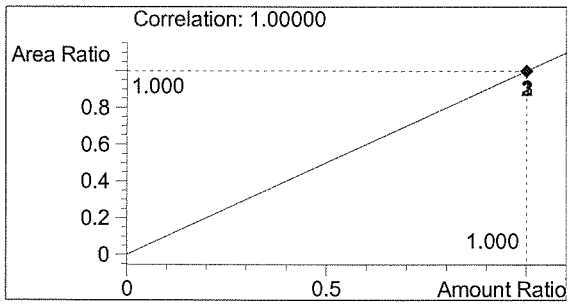


#	Compound	Area	RT
1	Ethanol	1514	1.041
2	n-Propanol	3625	1.699

Totals:



Ethanol 0.101 g/100ml



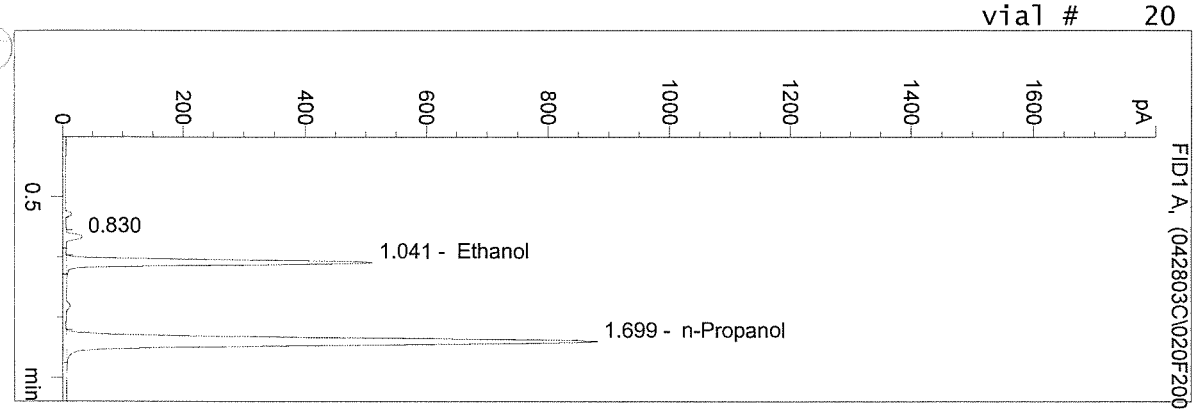
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

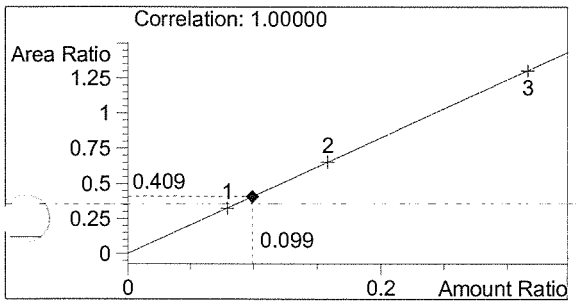
C:\HPCHEM\1\METHODS\BLDALCO.M
4/28/03 10:16:37 AM
Instrument 1
DB-ALC1

0.10 CONTROL
ED FORMOSO

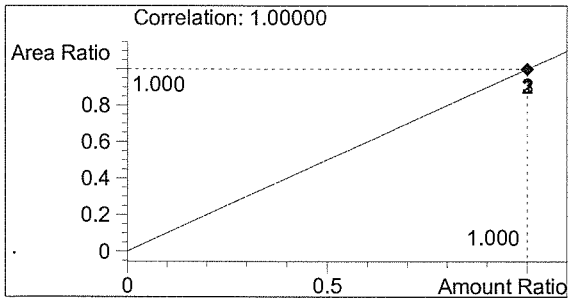
vial # 20



#	Compound	Area	RT
1		80	0.830
2	Ethanol	1501	1.041
3	n-Propanol	3666	1.699
Totals:			



Ethanol 0.099 g/100ml



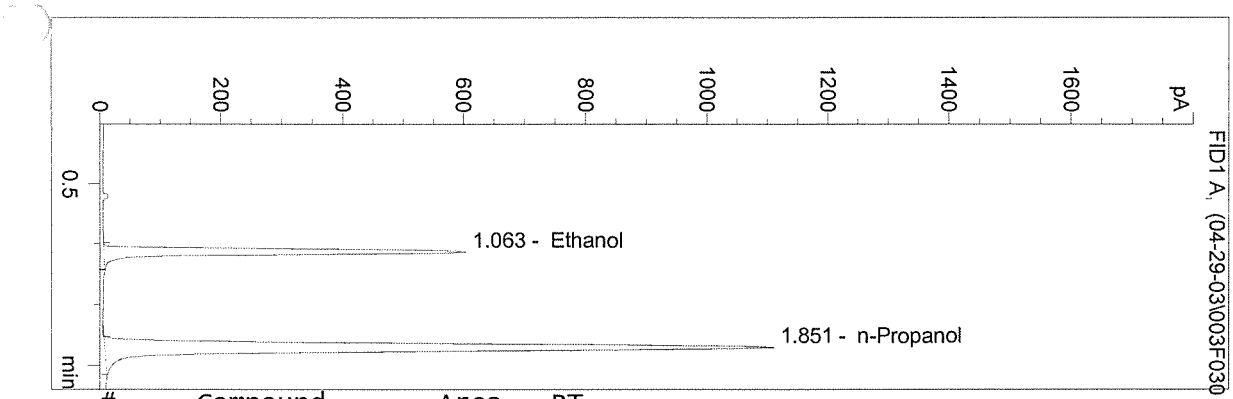
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/29/03 12:22:53 PM
Instrument 2
DB-ALC1

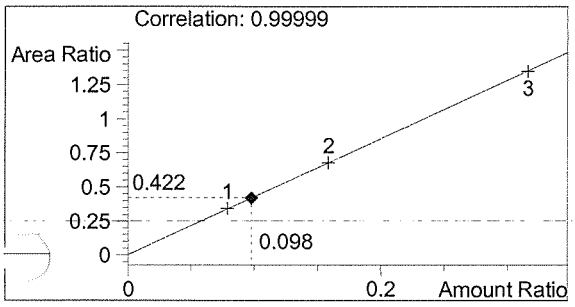
03008-1 SIM
ANN MARIE GORDON

vial # 3

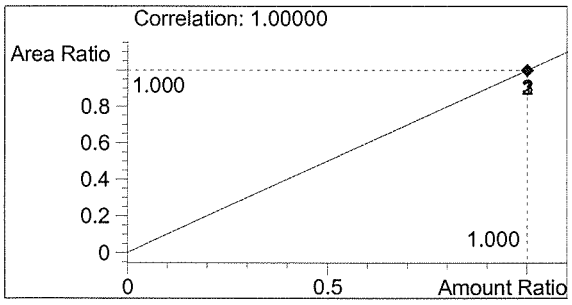


#	Compound	Area	RT
1	Ethanol	1911	1.063
2	n-Propanol	4533	1.851

Totals:



Ethanol 0.098 g/100ml



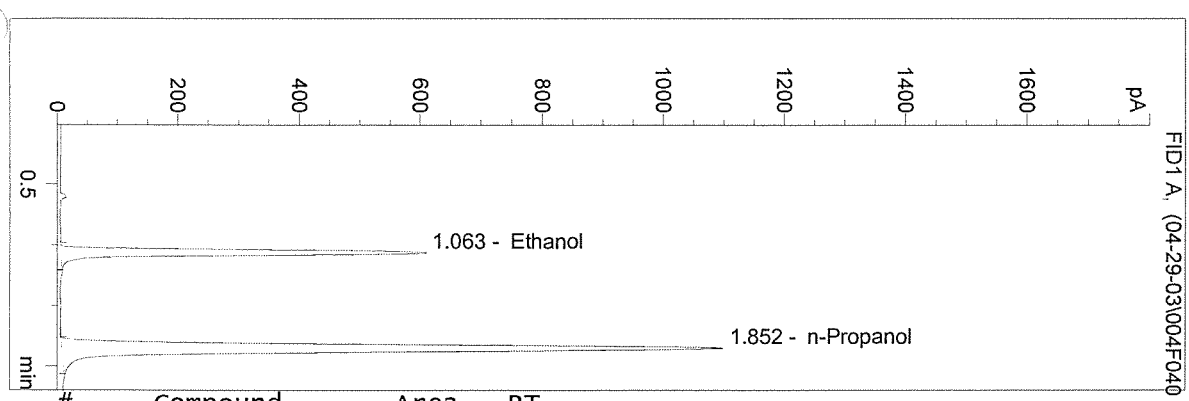
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/29/03 12:25:55 PM
Instrument 2
DB-ALC1

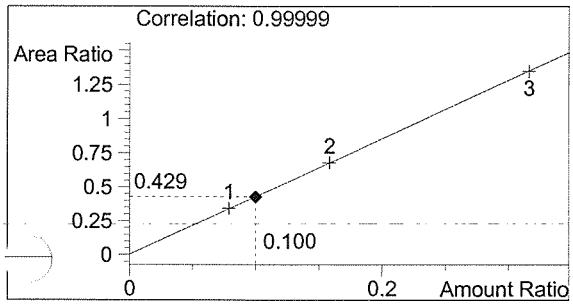
03008-2 SIM
ANN MARIE GORDON

vial # 4

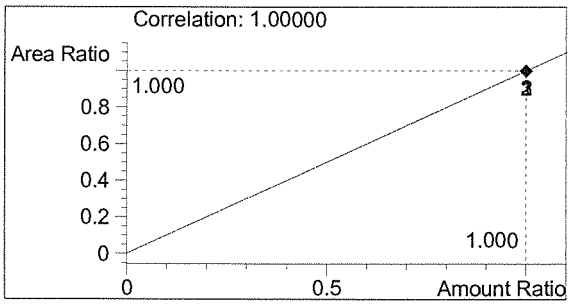


#	Compound	Area	RT
1	Ethanol	1917	1.063
2	n-Propanol	4465	1.852

Totals:



Ethanol 0.100 g/100ml



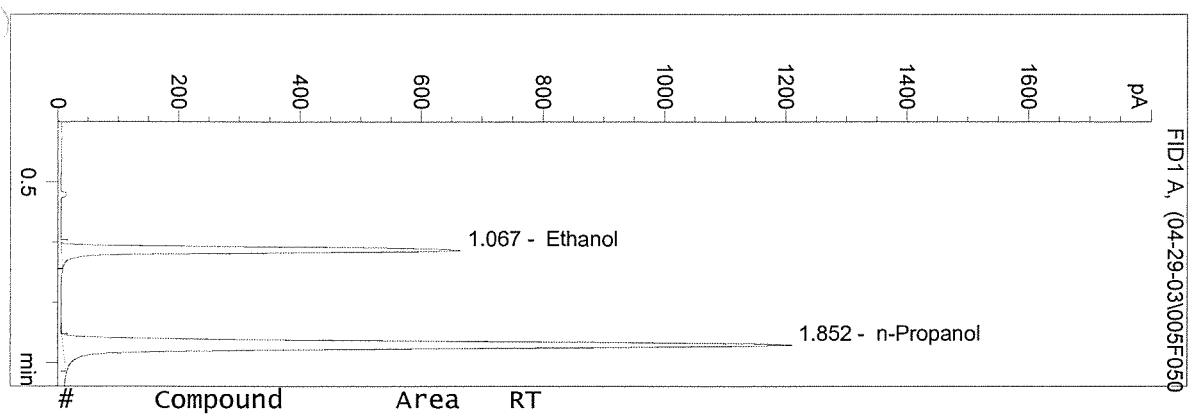
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/29/03 12:29:32 PM
Instrument 2
DB-ALC1

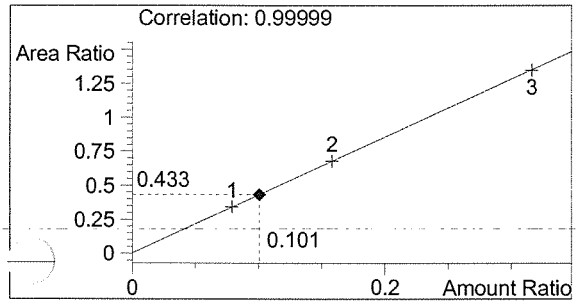
03008-3 SIM
ANN MARIE GORDON

vial # 5

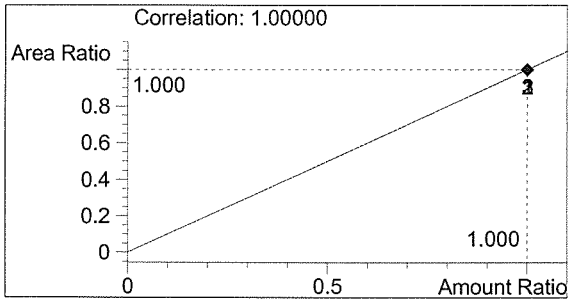


#	Compound	Area	RT
1	Ethanol	2171	1.067
2	n-Propanol	5014	1.852

Totals:



Ethanol 0.101 g/100ml



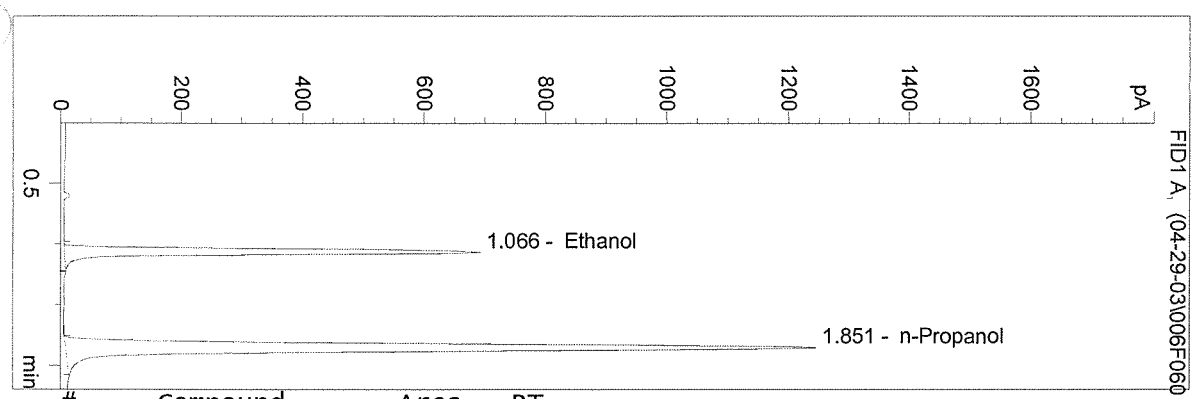
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

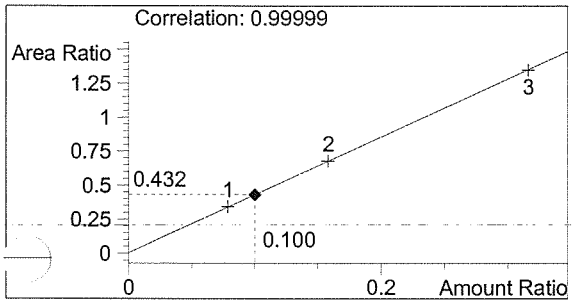
C:\HPCHEM\2\METHODS\BLDALCO2.M
4/29/03 12:32:34 PM
Instrument 2
DB-ALC1

03008-4 SIM
ANN MARIE GORDON

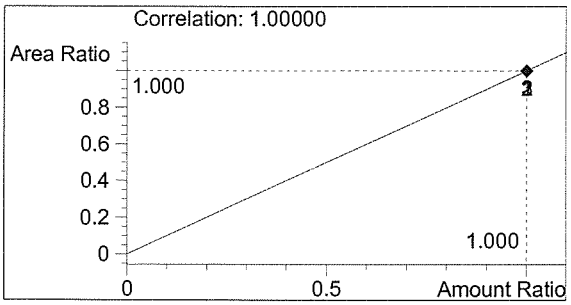
vial # 6



#	Compound	Area	RT
1	Ethanol	2221	1.066
2	n-Propanol	5146	1.851
Totals:			



Ethanol 0.100 g/100ml



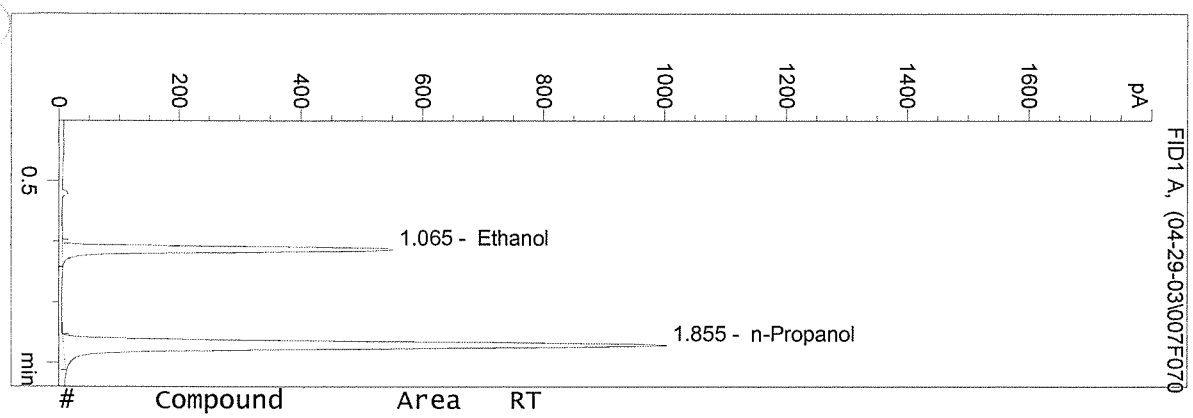
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/29/03 12:35:36 PM
Instrument 2
DB-ALC1

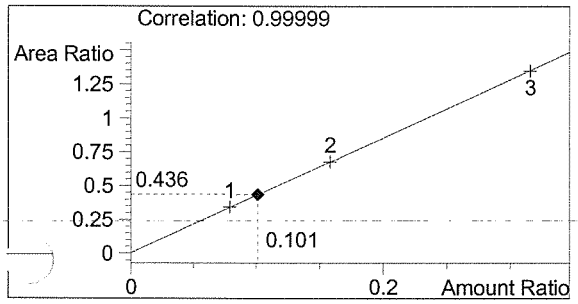
03008-5 SIM
ANN MARIE GORDON

vial # 7

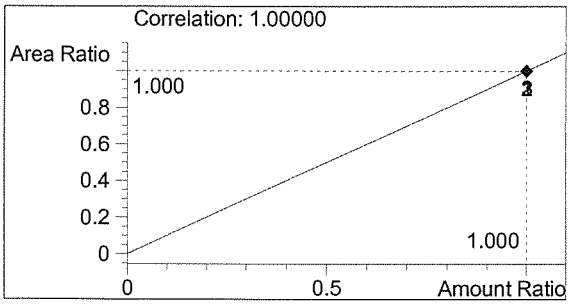


#	Compound	Area	RT
1	Ethanol	1785	1.065
2	n-Propanol	4098	1.855

Totals:



Ethanol 0.101 g/100ml



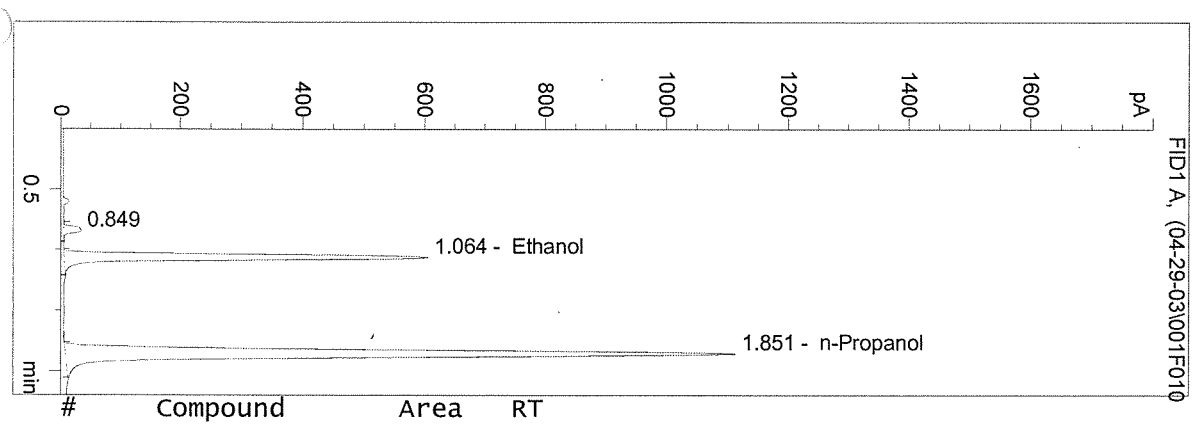
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/29/03 12:16:49 PM
Instrument 2
DB-ALC1

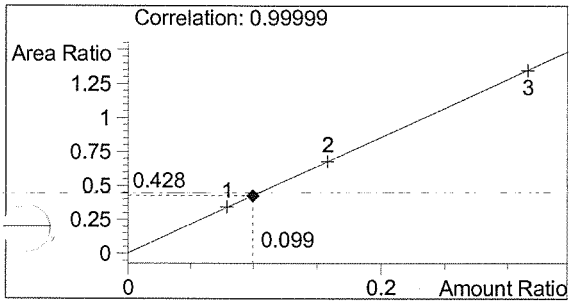
0.100 CTRL
ANN MARIE GORDON

vial # 1

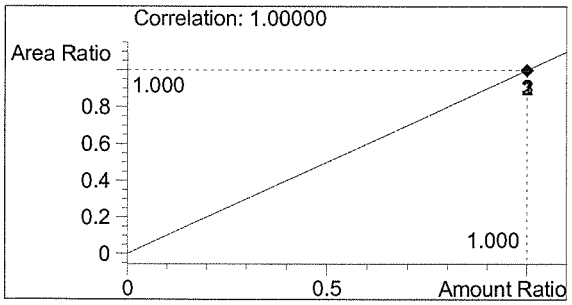


#	Compound	Area	RT
1		101	0.849
2	Ethanol	1933	1.064
3	n-Propanol	4522	1.851

Totals:



Ethanol 0.099 g/100ml



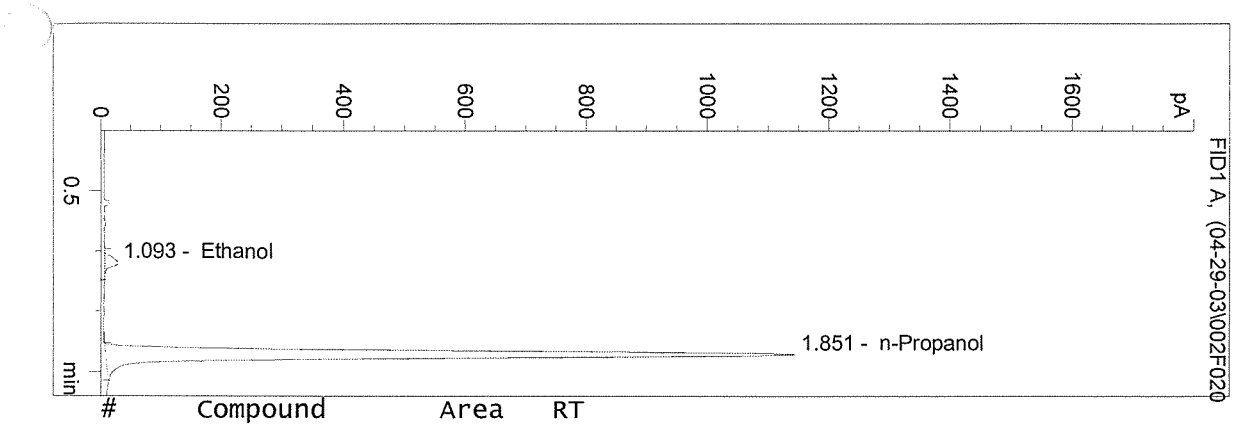
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

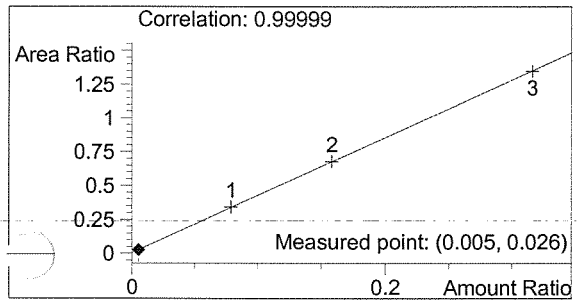
C:\HPCHEM\2\METHODS\BLDALCO2.M
4/29/03 12:19:51 PM
Instrument 2
DB-ALC1

BLANK
ANN MARIE GORDON

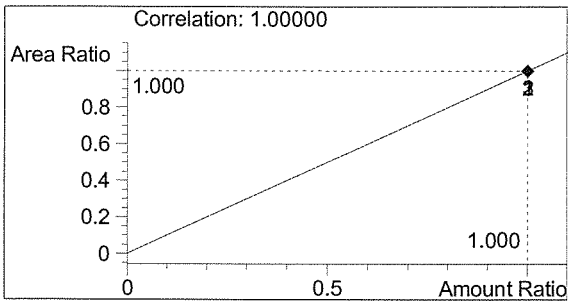
vial # 2



#	Compound	Area	RT
1	Ethanol	122	1.093
2	n-Propanol	4690	1.851
Totals:			



Ethanol 0.005 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	0.100 CTRL	BLDALCO2	1	Ctrl Samp		
2	2	BLANK	BLDALCO2	1	Ctrl Samp		
3	3	03008-1 SIM	BLDALCO2	1	Ctrl Samp		
4	4	03008-2 SIM	BLDALCO2	1	Sample		
5	5	03008-3 SIM	BLDALCO2	1	Sample		
6	6	03008-4 SIM	BLDALCO2	1	Sample		
7	7	03008-5 SIM	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

Sequence Parameters:

Operator:	DORA SCHRANZ
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	043003D
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 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	0.04 CONTROL	BLDALCO2	1	Ctrl Samp		
6	6	0.2 CONTROL	BLDALCO2	1	Ctrl Samp		
7	7	BLANK	BLDALCO2	1	Sample		
8	8	03008 1	BLDALCO2	1	Sample		
9	9	03008 2	BLDALCO2	1	Sample		
10	10	03008 3	BLDALCO2	1	Sample		
11	11	03008 4	BLDALCO2	1	Sample		
12	12	03008 5	BLDALCO2	1	Sample		
13	13	0.1 CONTROL	BLDALCO2	1	Ctrl Samp		
14	14	03009 1	BLDALCO2	1	Sample		
15	15	03009 2	BLDALCO2	1	Sample		
16	16	03009 3	BLDALCO2	1	Sample		
17	17	03009 4	BLDALCO2	1	Sample		
18	18	03009 5	BLDALCO2	1	Sample		
19	19	0.1 CONTROL	BLDALCO2	1	Ctrl Samp		
20	20	BLANK	BLDALCO2	1	Sample		

Calibration Part:

Line	Vial	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	2	0.079 CAL	BLDALCO2	1	Replace	Average	
3	3	0.158 CAL	BLDALCO2	2	Replace	Average	
4	4	0.316 CAL	BLDALCO2	3	Replace	Average	

Sequence Table (Back Injector):

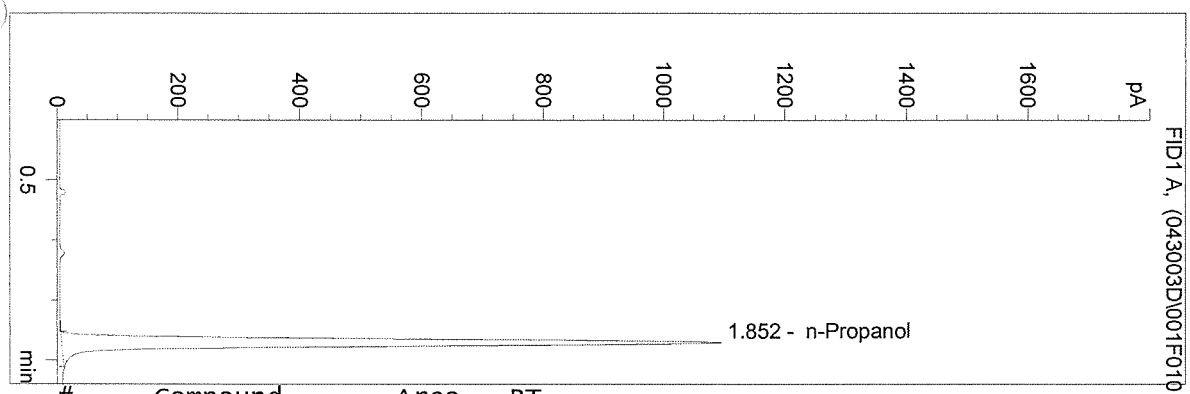
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 10:57:44 AM
Instrument 2
DB-ALC1

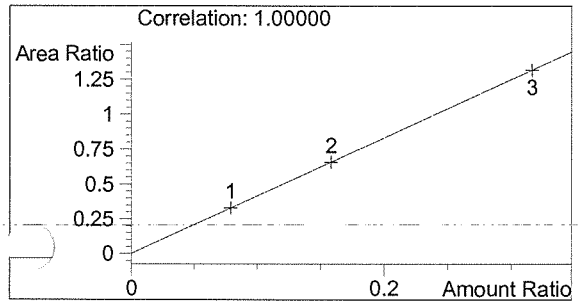
BLANK
DORA SCHRANZ

vial # 1

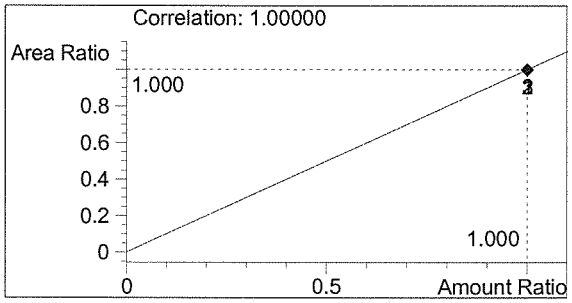


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4468	1.852

Totals:



Ethanol 0.000 g/100ml



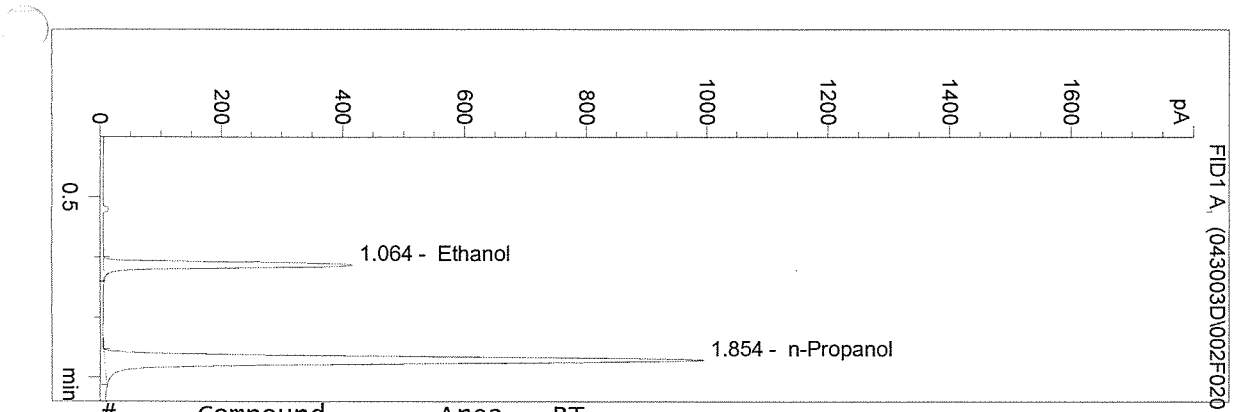
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:00:46 AM
Instrument 2
DB-ALC1

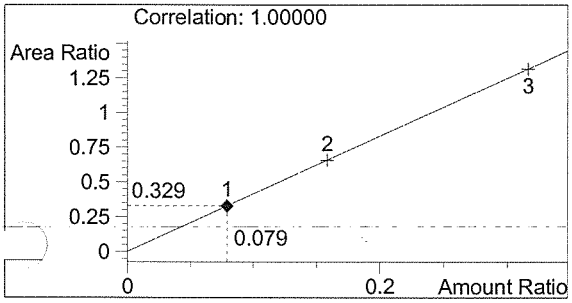
0.079 CAL
DORA SCHRANZ

vial # 2

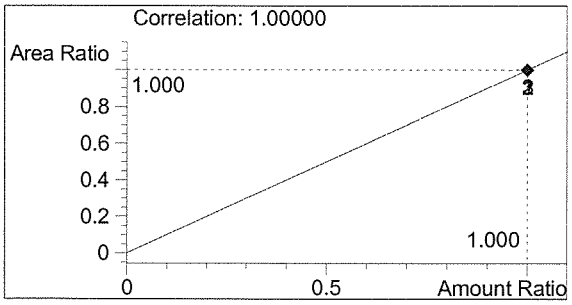


#	Compound	Area	RT
1	Ethanol	1337	1.064
2	n-Propanol	4061	1.854

Totals:



Ethanol 0.079 g/100ml



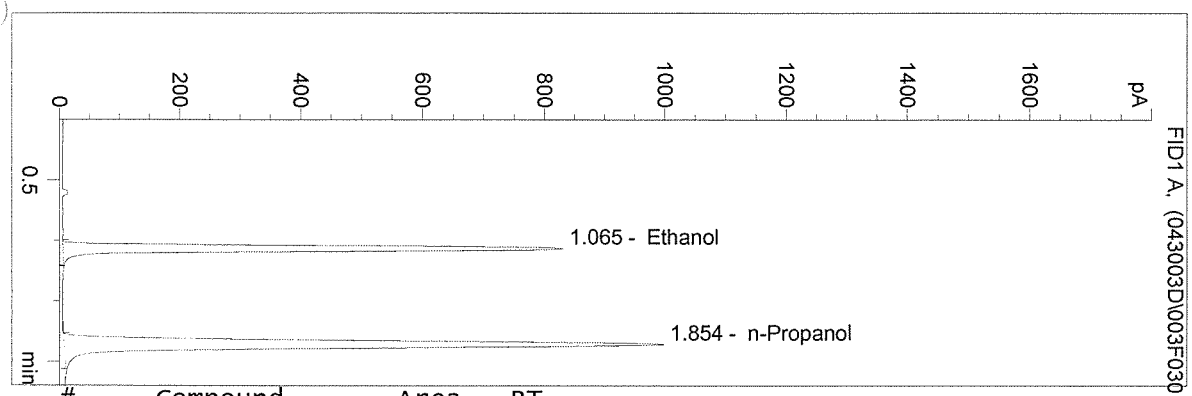
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

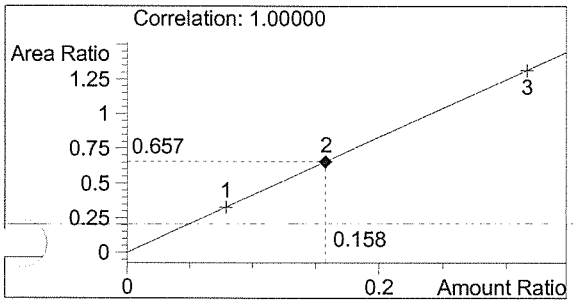
C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:03:47 AM
Instrument 2
DB-ALC1

0.158 CAL
DORA SCHRANZ

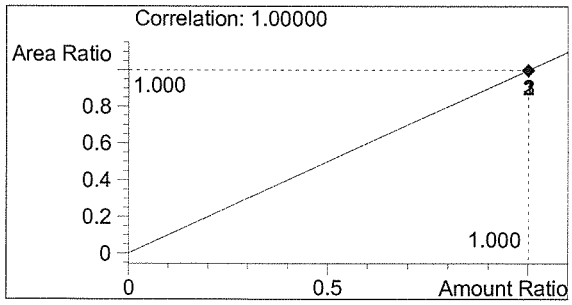
vial # 3



#	Compound	Area	RT
1	Ethanol	2687	1.065
2	n-Propanol	4092	1.854
Totals:			



Ethanol 0.158 g/100ml



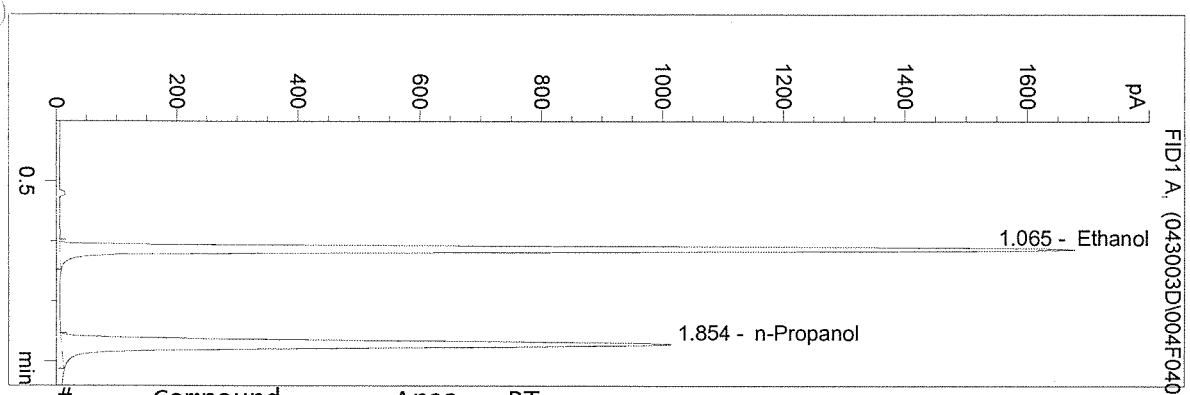
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:06:49 AM
Instrument 2
DB-ALC1

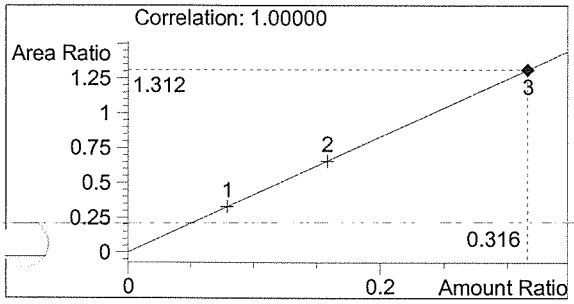
0.316 CAL
DORA SCHRANZ

vial # 4

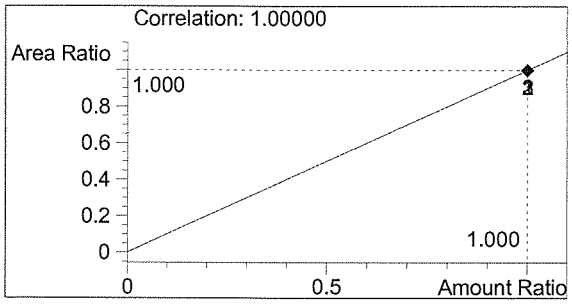


#	Compound	Area	RT
1	Ethanol	5458	1.065
2	n-Propanol	4162	1.854

Totals:



Ethanol 0.316 g/100ml



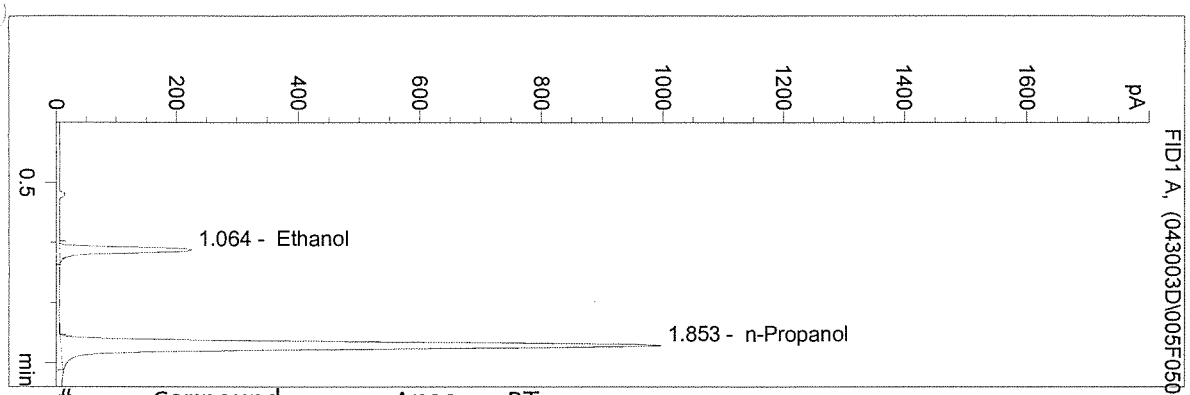
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

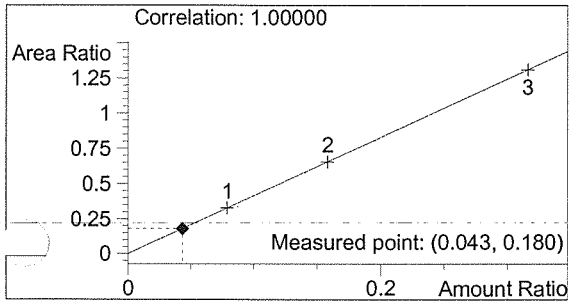
C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:10:15 AM
Instrument 2
DB-ALC1

0.04 CONTROL
DORA SCHRANZ

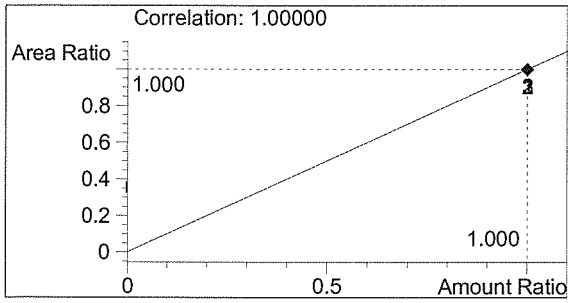
vial # 5



#	Compound	Area	RT
1	Ethanol	736	1.064
2	n-Propanol	4075	1.853
Totals:			



Ethanol 0.043 g/100ml



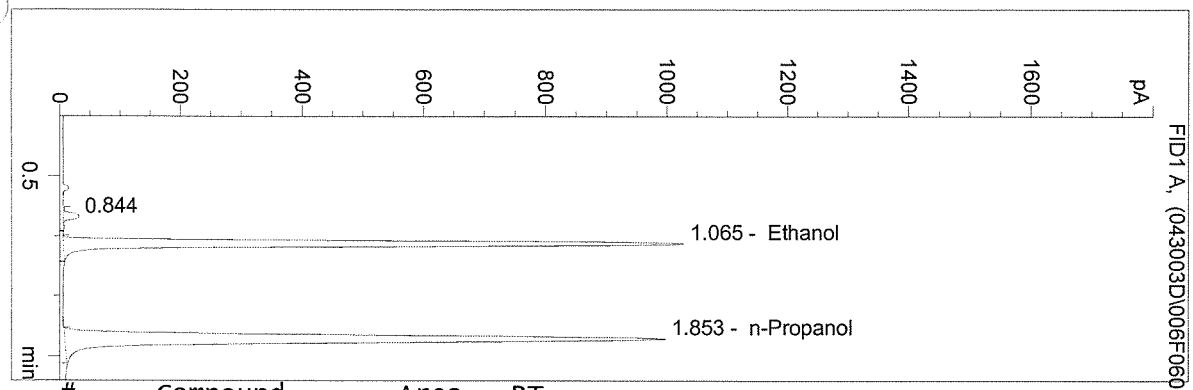
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:13:17 AM
Instrument 2
DB-ALC1

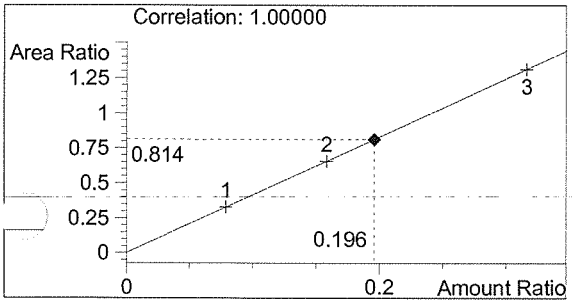
0.2 CONTROL
DORA SCHRANZ

vial # 6

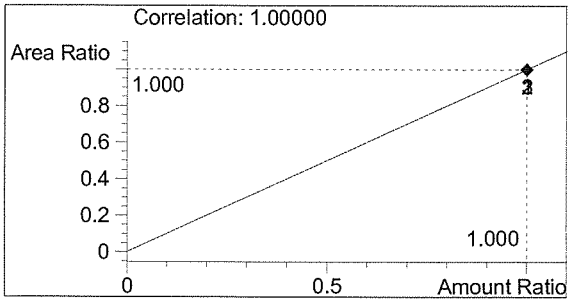


#	Compound	Area	RT
1		94	0.844
2	Ethanol	3341	1.065
3	n-Propanol	4106	1.853

Totals:



Ethanol 0.196 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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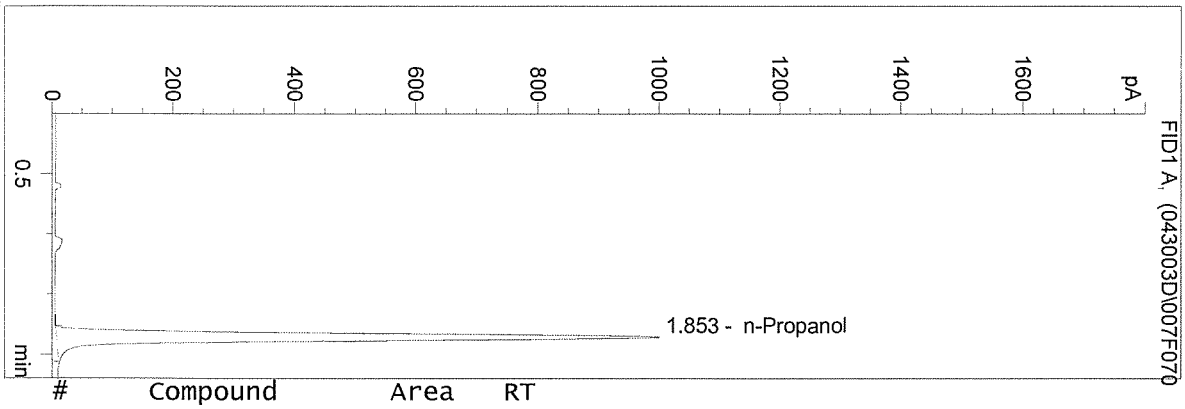
4/30/03 11:16:19 AM
Instrument 2
DB-ALC1

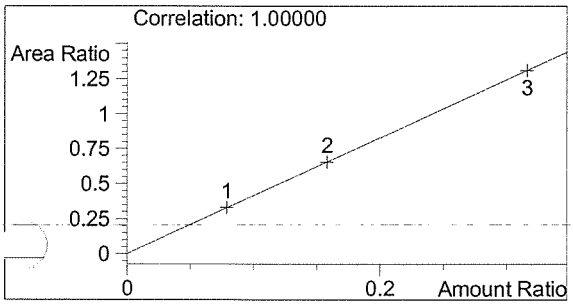
BLANK
DORA SCHRANZ

vial # 7

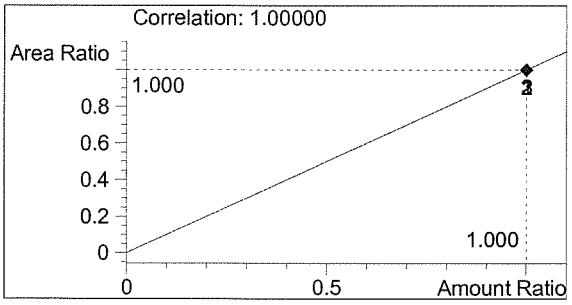


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4119	1.853

Totals:



Ethanol 0.000 g/100ml



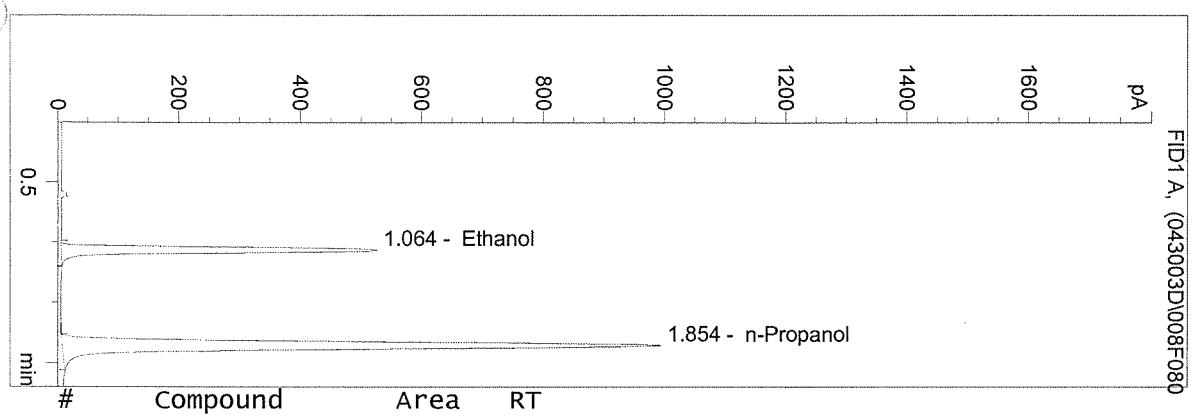
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:19:22 AM
Instrument 2
DB-ALC1

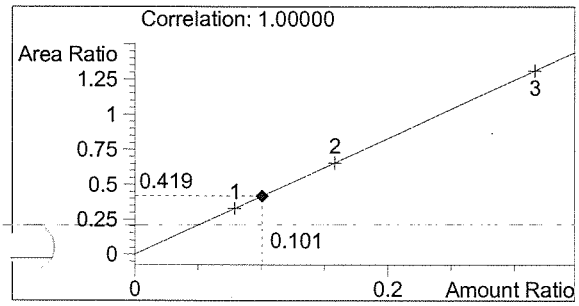
03008 1
DORA SCHRANZ

vial # 8

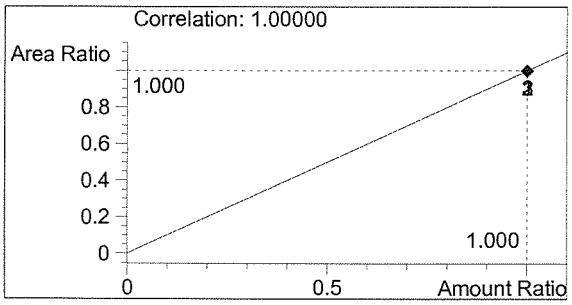


#	Compound	Area	RT
1	Ethanol	1709	1.064
2	n-Propanol	4076	1.854

Totals:



Ethanol 0.101 g/100ml



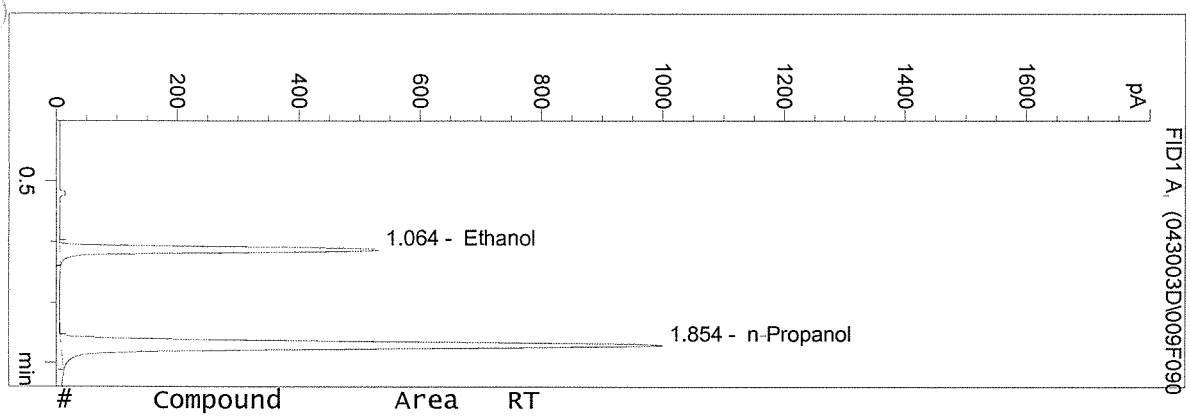
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:22:35 AM
Instrument 2
DB-ALC1

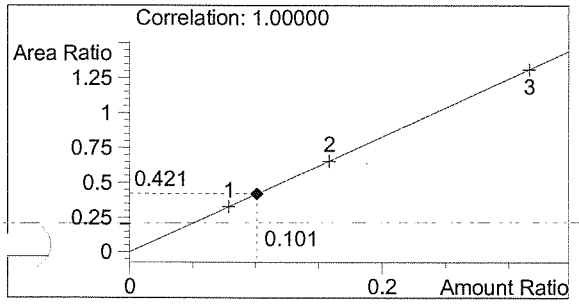
03008 2
DORA SCHRANZ

vial # 9

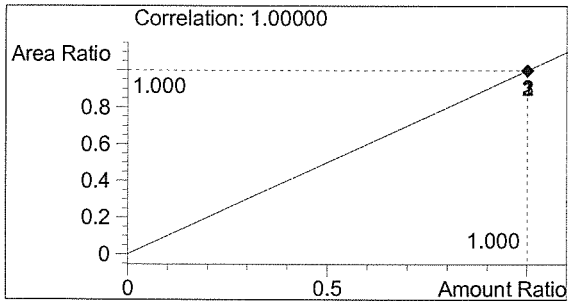


#	Compound	Area	RT
1	Ethanol	1717	1.064
2	n-Propanol	4077	1.854

Totals:



Ethanol 0.101 g/100ml



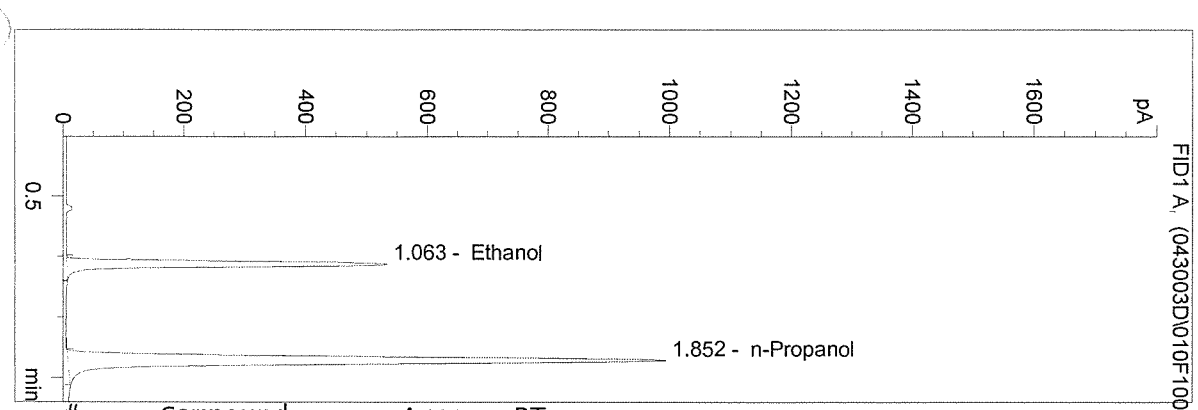
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:25:37 AM
Instrument 2
DB-ALC1

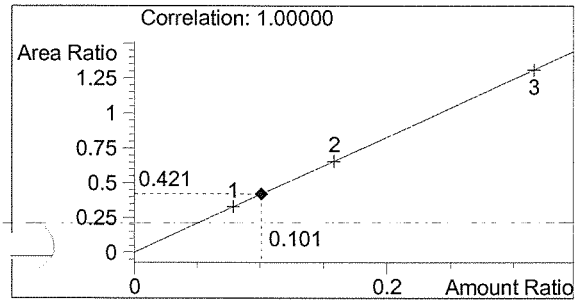
03008 3
DORA SCHRANZ

vial # 10

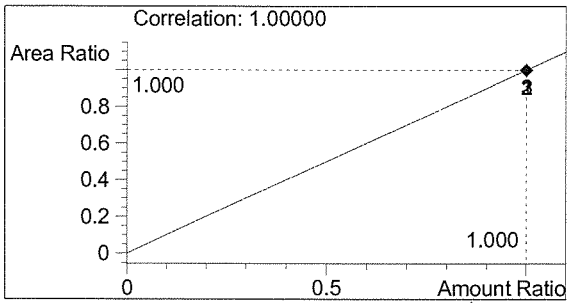


#	Compound	Area	RT
1	Ethanol	1707	1.063
2	n-Propanol	4058	1.852

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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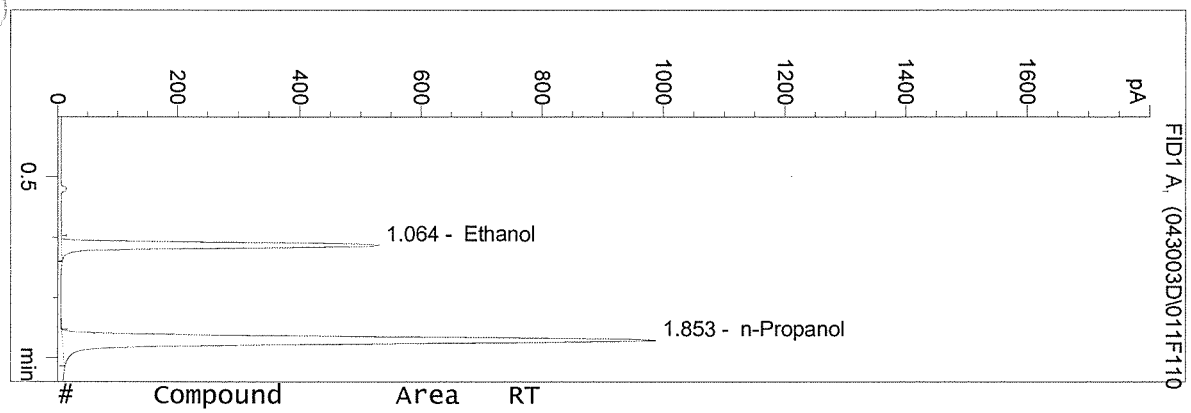
4/30/03 11:28:39 AM
Instrument 2
DB-ALC1

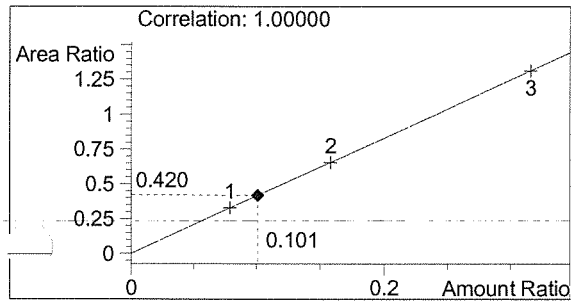
03008 4
DORA SCHRANZ

vial # 11

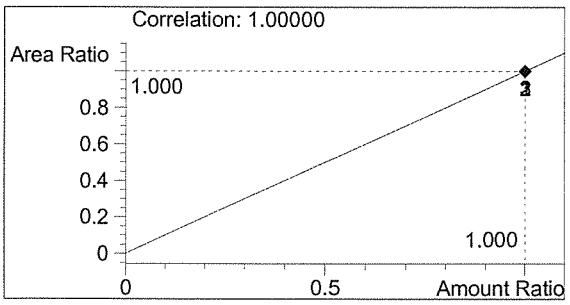


#	Compound	Area	RT
1	Ethanol	1700	1.064
2	n-Propanol	4045	1.853

Totals:



Ethanol 0.101 g/100ml



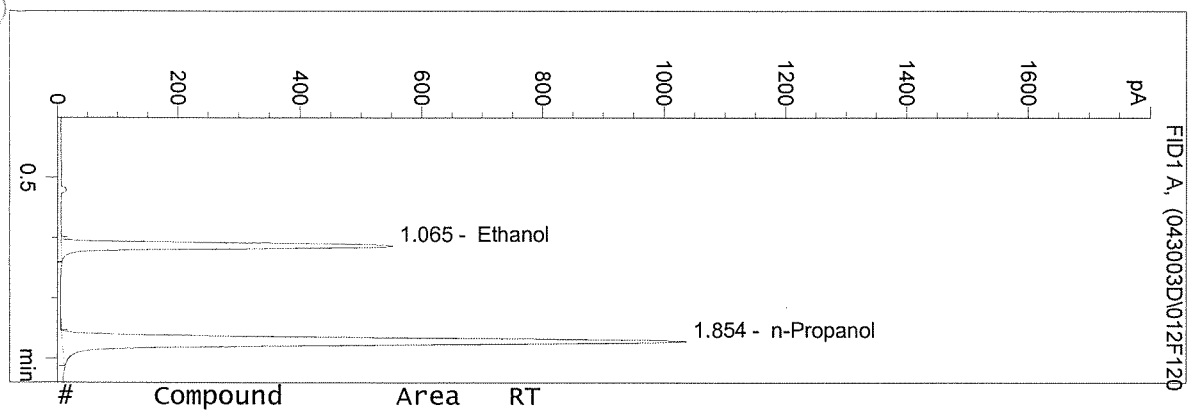
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:31:40 AM
Instrument 2
DB-ALC1

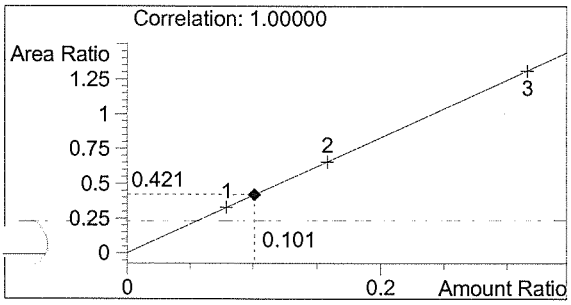
03008 5
DORA SCHRANZ

vial # 12

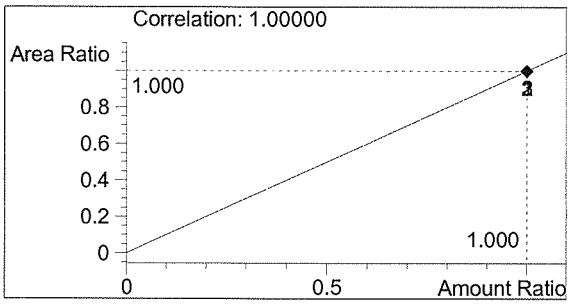


#	Compound	Area	RT
1	Ethanol	1793	1.065
2	n-Propanol	4256	1.854

Totals:



Ethanol 0.101 g/100ml



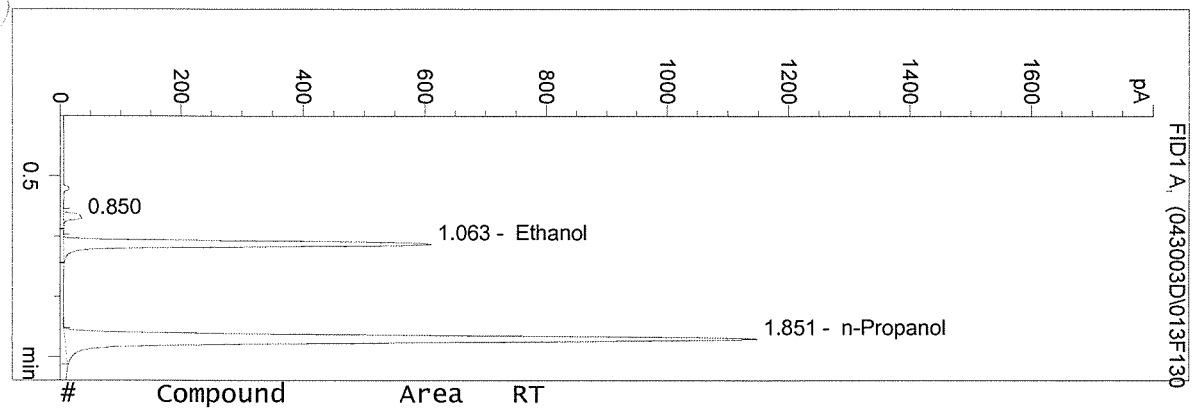
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
4/30/03 11:35:02 AM
Instrument 2
DB-ALC1

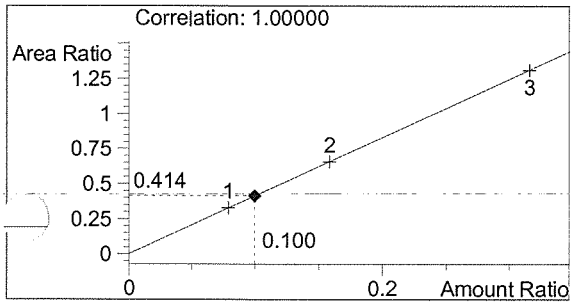
0.1 CONTROL
DORA SCHRANZ

vial # 13

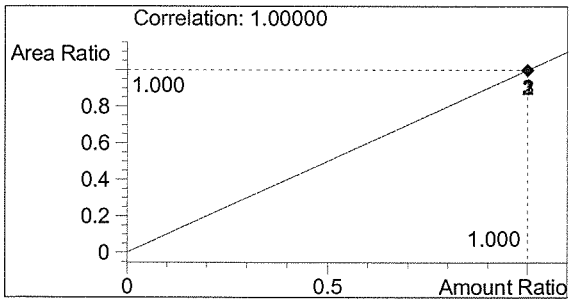


#	Compound	Area	RT
1		103	0.850
2	Ethanol	1945	1.063
3	n-Propanol	4696	1.851

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

Calibration Table

Calib. Data Modified : Wednesday, April 30, 2003 11:09:02 AM

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

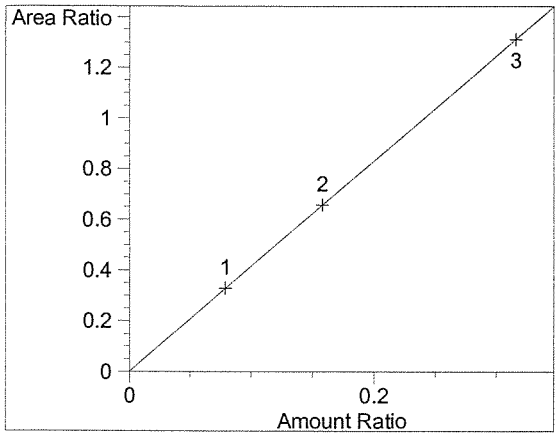
Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.065	1	1	7.90000e-2	1336.61938	5.91043e-5	1		Ethanol
		2	1.58000e-1	2687.39038	5.87931e-5			
		3	3.16000e-1	5457.95068	5.78972e-5			
1.854	1	1	1.00000	4060.61816	2.46268e-4	I1		n-Propanol
		2	1.00000	4092.23755	2.44365e-4			
		3	1.00000	4161.53760	2.40296e-4			

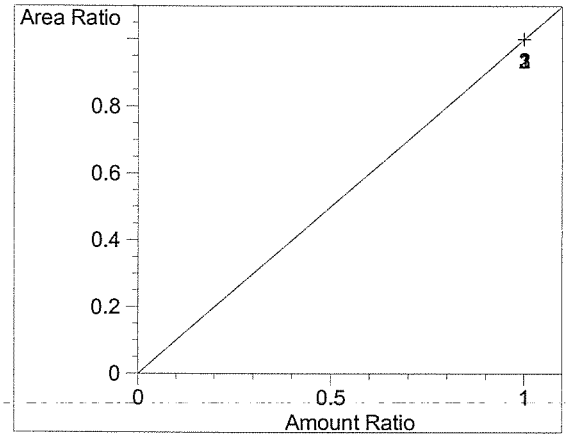
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.065
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00079
Formula: y = mx + b
m: 4.14933
b: 7.02947e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.854
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