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 **03009** 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	0.101	0.102	0.101	0.102	0.102	0.102	0.101	0.103	0.101	0.100	0.102	
2	0.102	0.101	0.101	0.102	0.102	0.102	0.101	0.103	0.102	0.101	0.102	
3	0.102	0.101	0.101	0.103	0.102	0.101	0.101	0.104	0.103	0.101	0.102	
4	0.101	0.101	0.101	0.103	0.103	0.101	0.101	0.104	0.102	0.101	0.102	
5	0.101	0.101	0.101	0.102	0.103	0.102	0.101	0.103	0.102	0.102	0.102	
Ctrl	0.099	0.099	0.099	0.101	0.100	0.099	0.099	0.101	0.100	0.098	0.100	

External Control:

Lot #: A022167 Exp date: 1/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1018 g/100 mL

SD: 0.00085

Range (3xSD): 0.0992 to 0.1043

Precision CV (%): 0.8361 %

Equivalent vapor concent.: 0.0827 g/210L

Analyst	Name	Signature	Date
1	Mary E Wilson		04/18/03
2	Asa Louis		04/18/03
3	Estuardo 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: Mary E Wilson 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 03009, 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, 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 03009, 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

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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 03009, 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 03009 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 03009, 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 03009, 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

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 03009, 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 03009, 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 03009, 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 03009, 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 03009, 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

WASHINGTON STATE TOXICOLOGY LABORATORY

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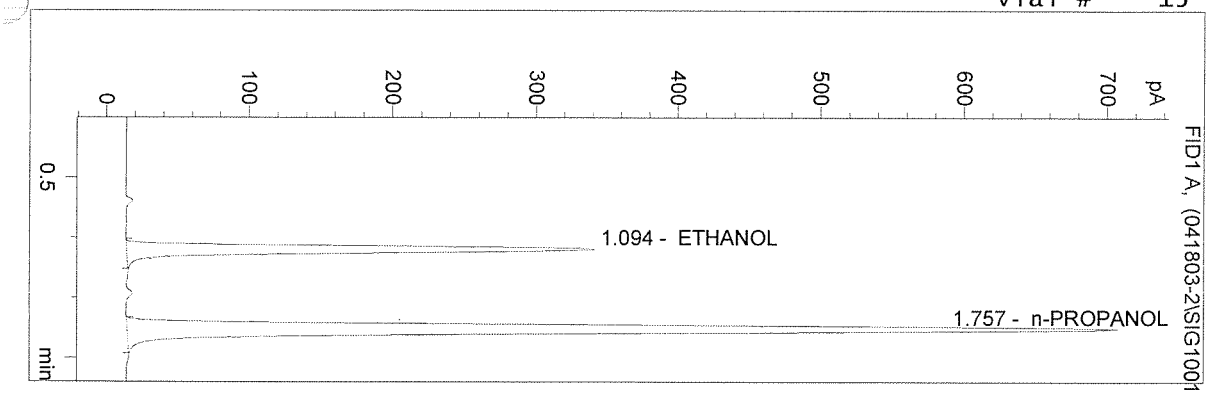
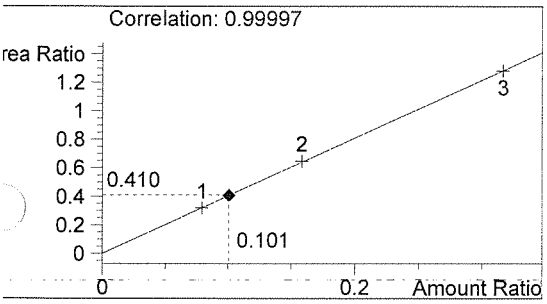
03009 SIM SOL EM
MARY WILSON

vial # 15

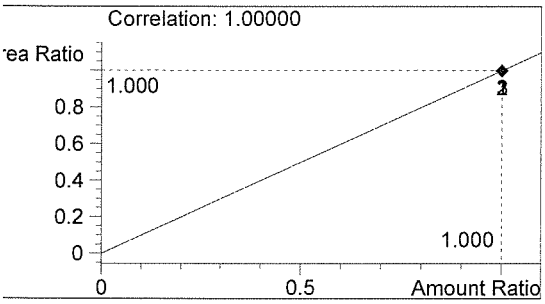


#	Compound	Area	RT
1	ETHANOL	1303	1.094
2	n-PROPANOL	3175	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

Calibration with AL 03008

WASHINGTON STATE TOXICOLOGY LABORATORY

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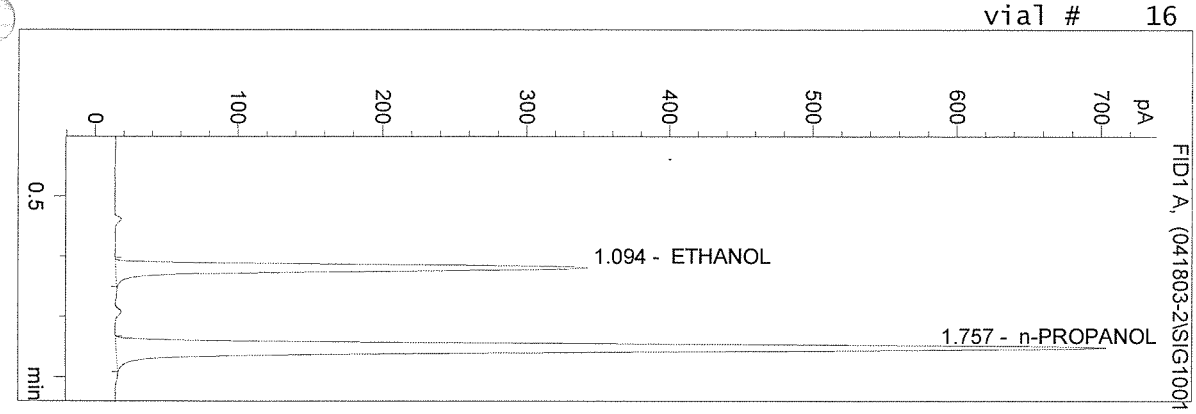
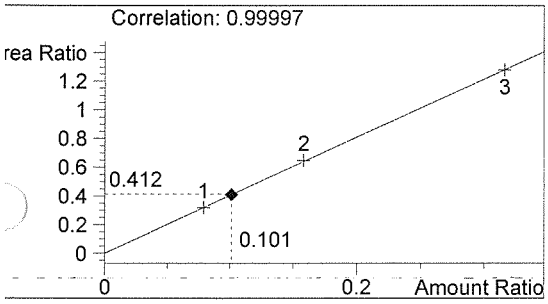
03009 SIMSOL EM
MARY WILSON

vial # 16

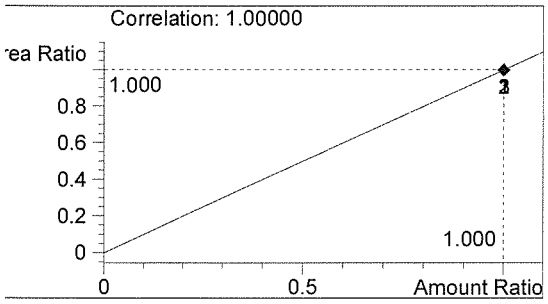


#	Compound	Area	RT
1	ETHANOL	1293	1.094
2	n-PROPANOL	3135	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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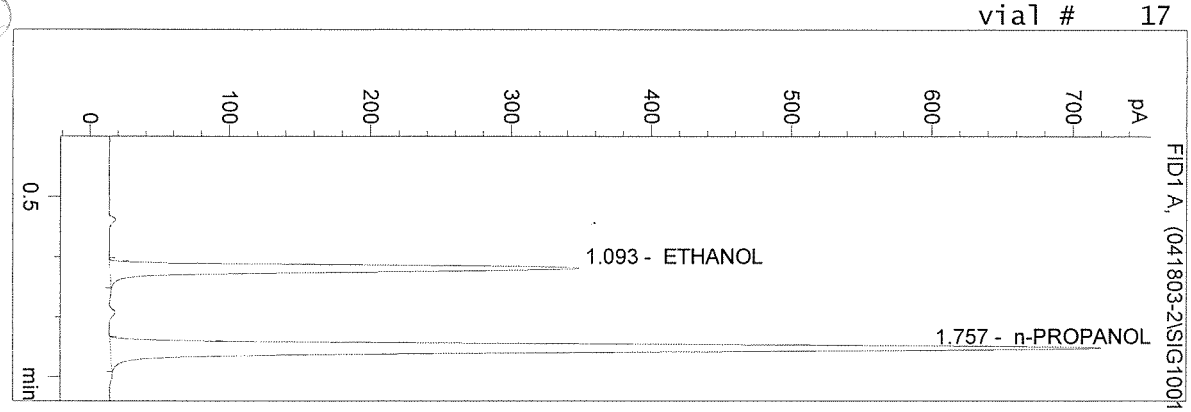
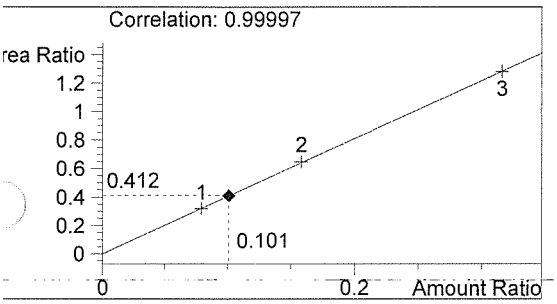
03009 SIMSOL EM
MARY WILSON

vial # 17

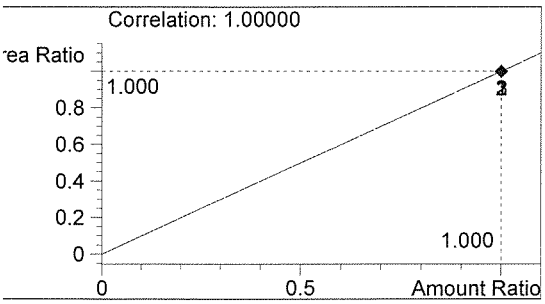


#	Compound	Area	RT
1	ETHANOL	1326	1.093
2	n-PROPANOL	3223	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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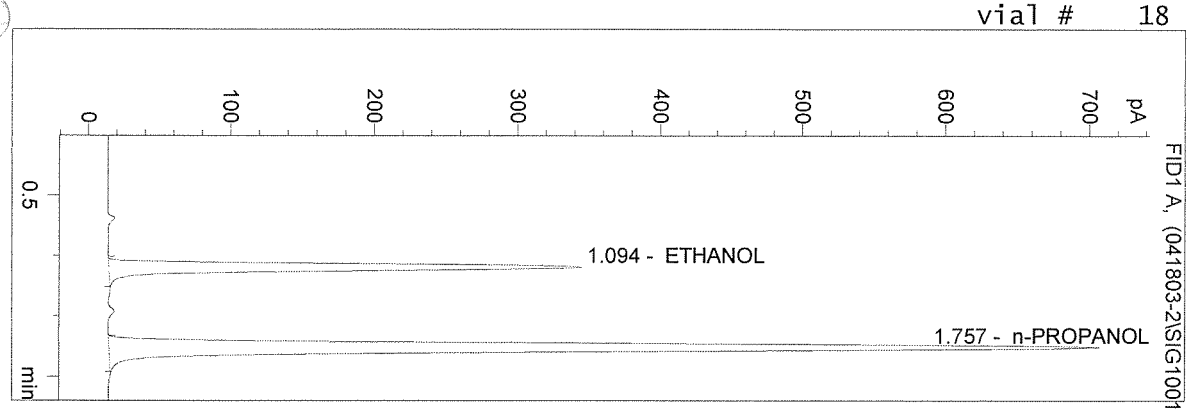
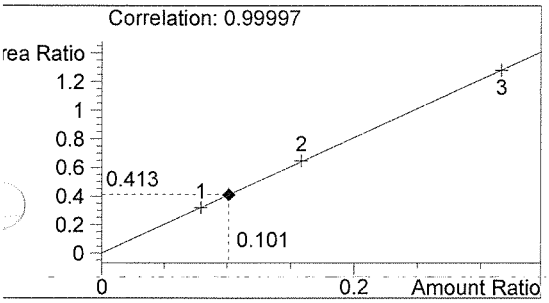
03009 SIMSOL EM
MARY WILSON

vial # 18

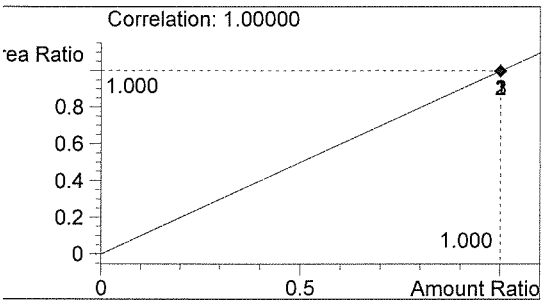


#	Compound	Area	RT
1	ETHANOL	1306	1.094
2	n-PROPANOL	3164	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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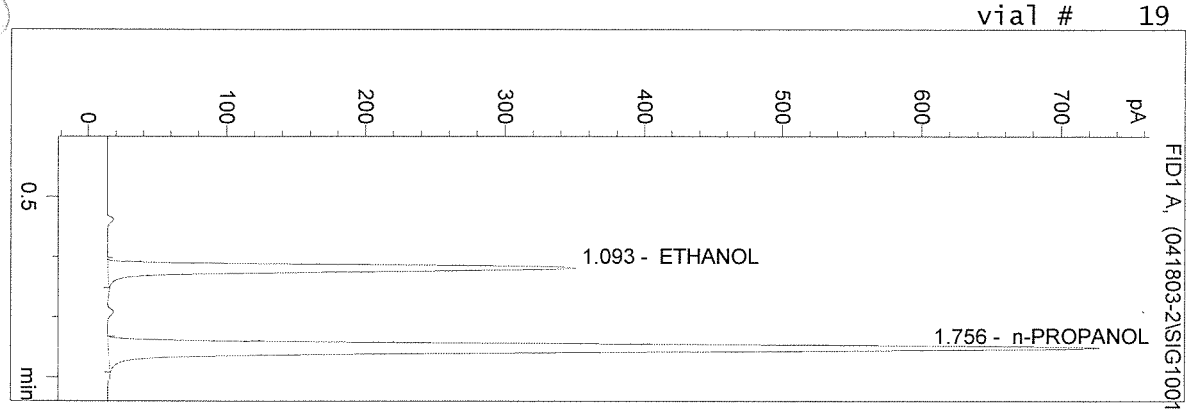
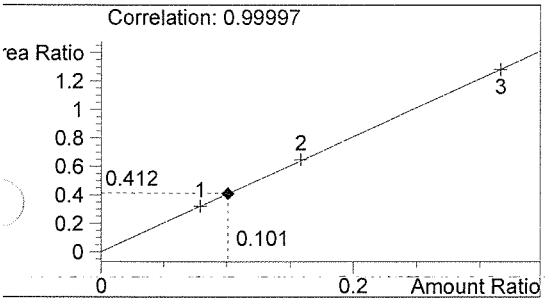
03009 SIM SOL EM
MARY WILSON

vial # 19

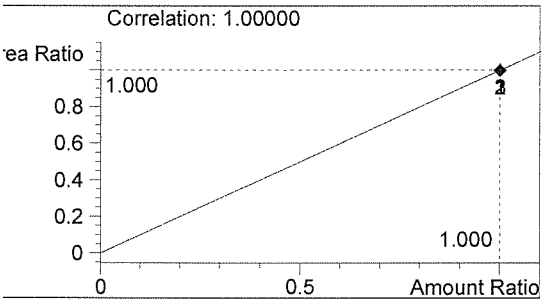


#	Compound	Area	RT
1	ETHANOL	1348	1.093
2	n-PROPANOL	3274	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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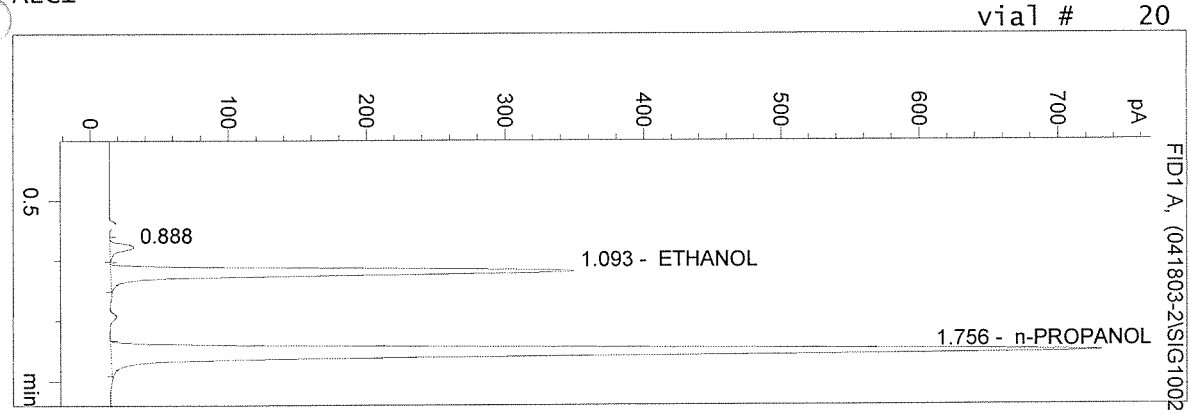
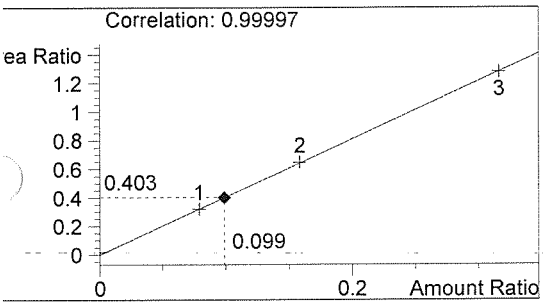
0.10 CTL
MARY WILSON

vial # 20

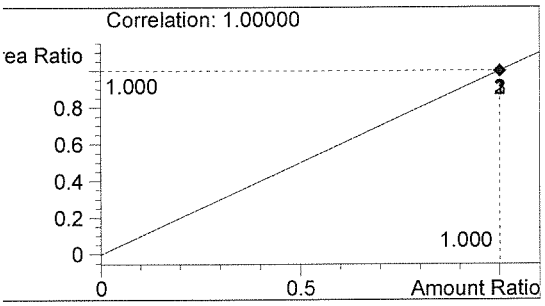


#	Compound	Area	RT
1		71	0.888
2	ETHANOL	1313	1.093
3	n-PROPANOL	3254	1.756

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

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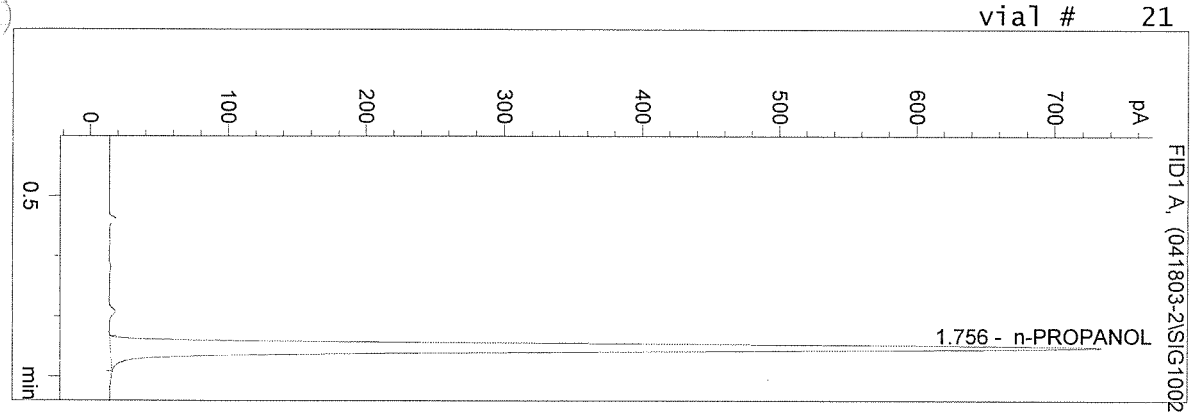
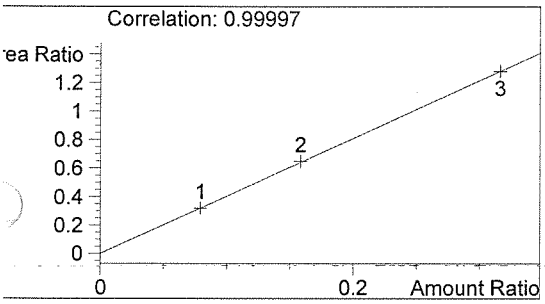
MARY WILSON

vial # 21

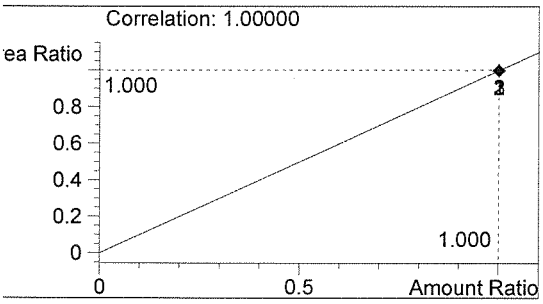


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3261	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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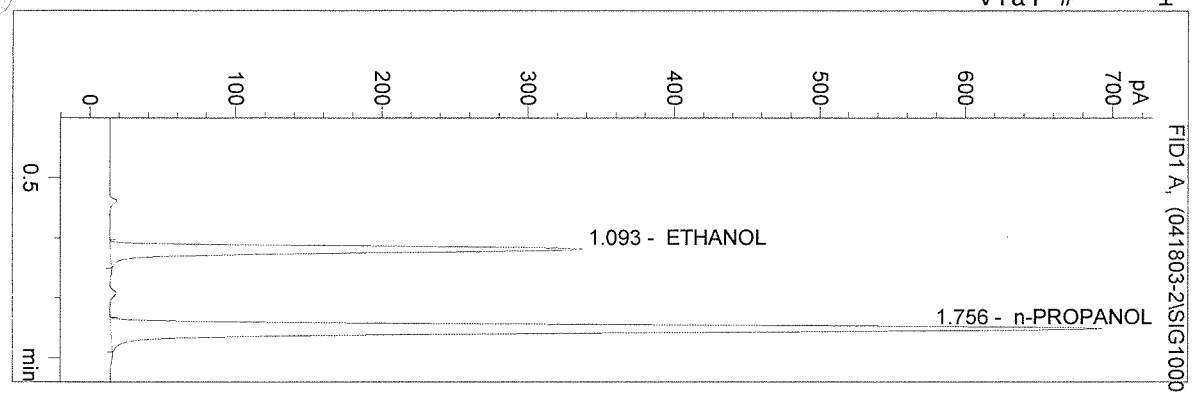
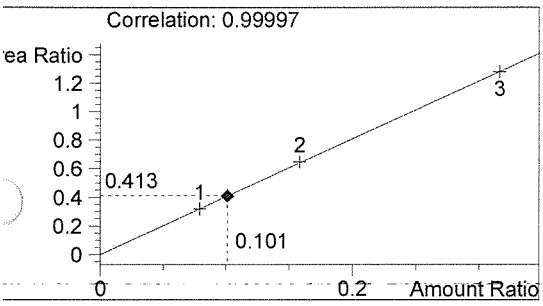
03009 SIM SOL MW
MARY WILSON

vial # 1

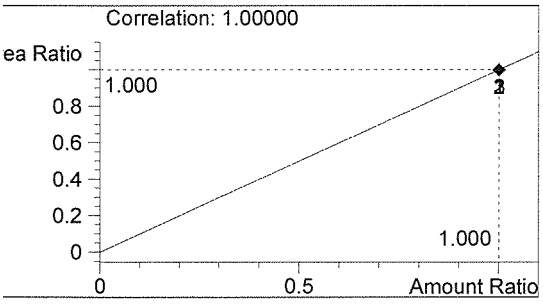


#	Compound	Area	RT
1	ETHANOL	1284	1.093
2	n-PROPANOL	3111	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

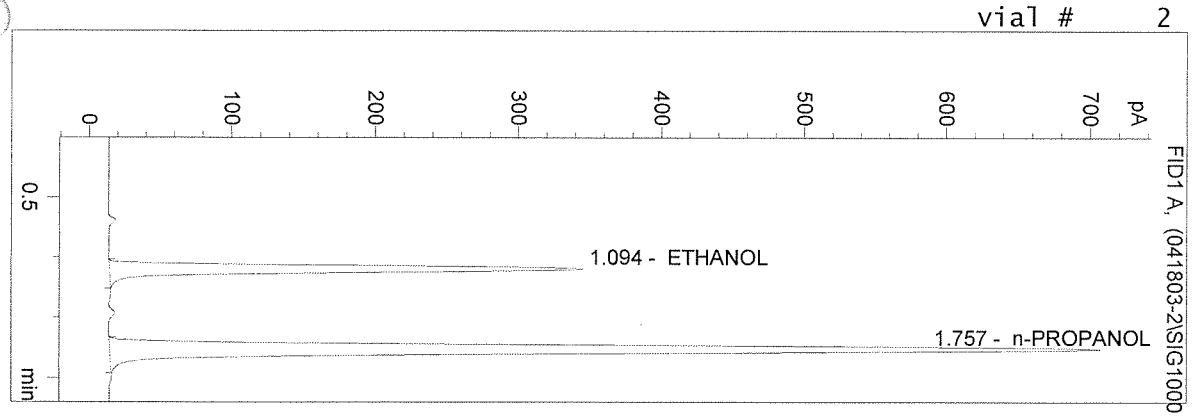
Calibration with AL Sim Sol 03008 MW

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO3.M
/18/03 12:49:17 PM
nstrument 3
3-ALC1

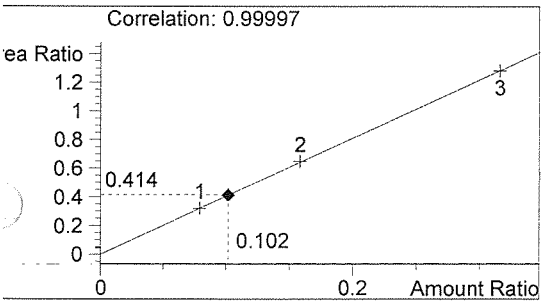
03009 SIM SOL MW
MARY WILSON

vial # 2

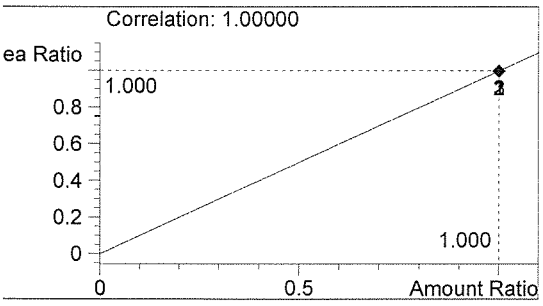


#	Compound	Area	RT
1	ETHANOL	1307	1.094
2	n-PROPANOL	3155	1.757

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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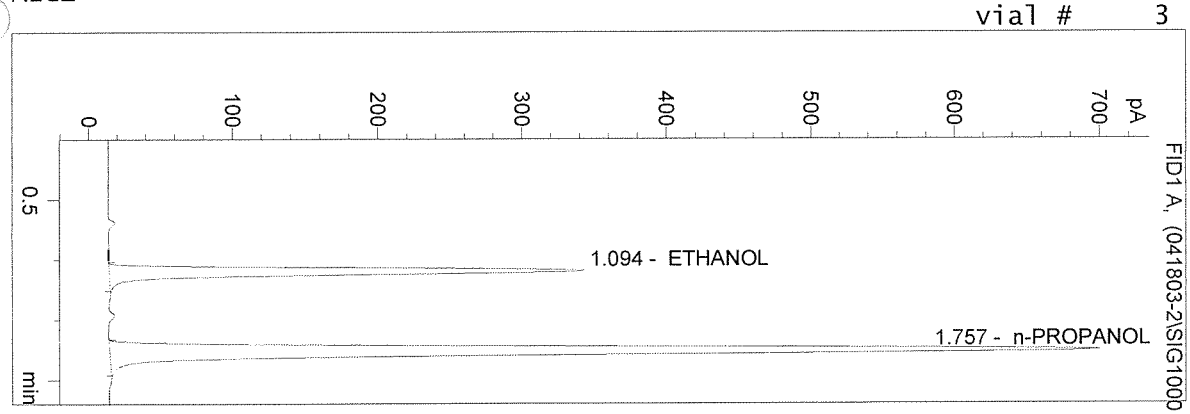
ıstrument 3
-ALC1

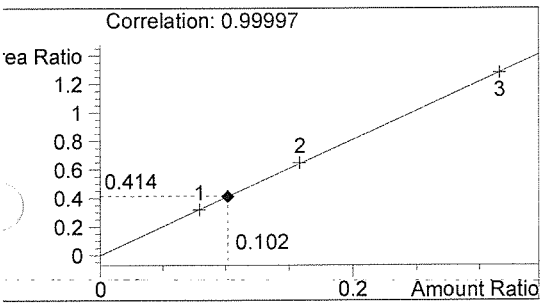
03009 SIM SOL MW
MARY WILSON

vial # 3

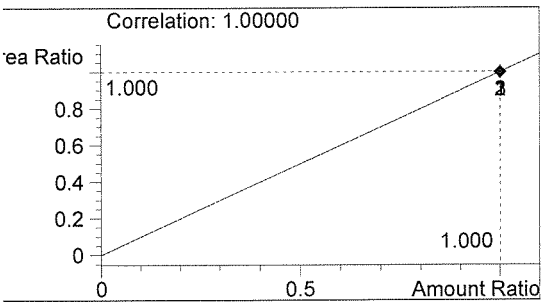


#	Compound	Area	RT
1	ETHANOL	1286	1.094
2	n-PROPANOL	3103	1.757

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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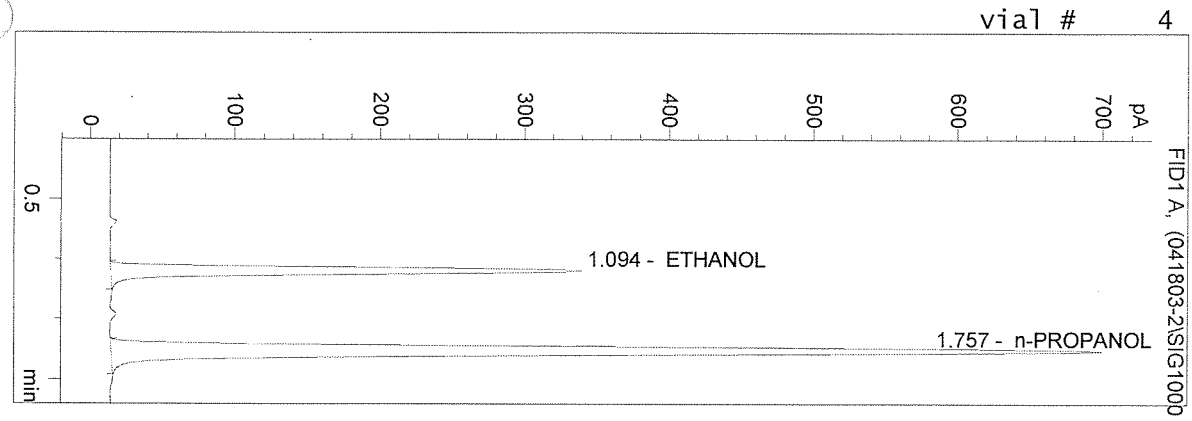
nstrument 3
B-ALC1

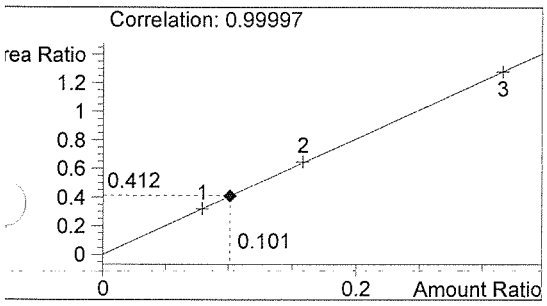
03009 SIM SOL MW
MARY WILSON

vial # 4

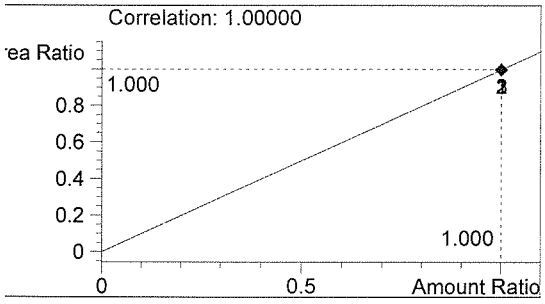


#	Compound	Area	RT
1	ETHANOL	1286	1.094
2	n-PROPANOL	3121	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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nstrument 3
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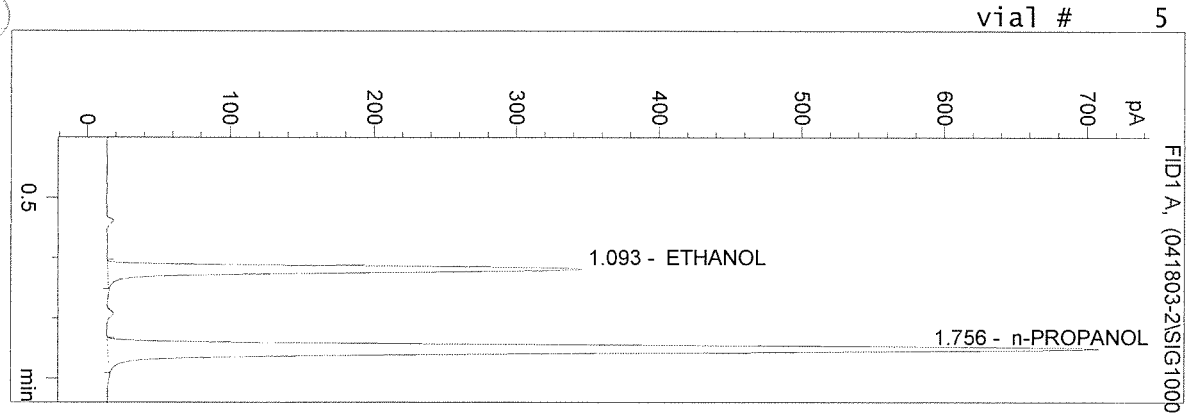
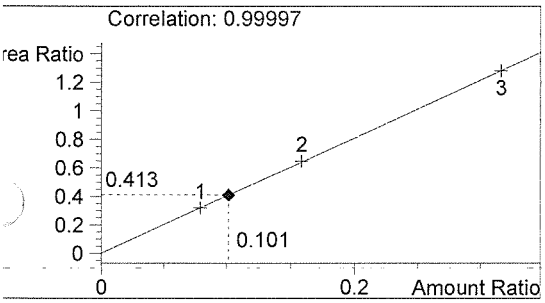
03009 SIM SOL MW
MARY WILSON

vial # 5

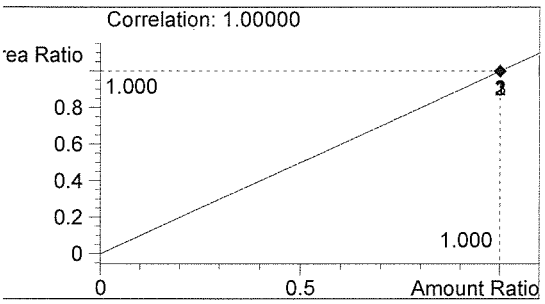


#	Compound	Area	RT
1	ETHANOL	1301	1.093
2	n-PROPANOL	3149	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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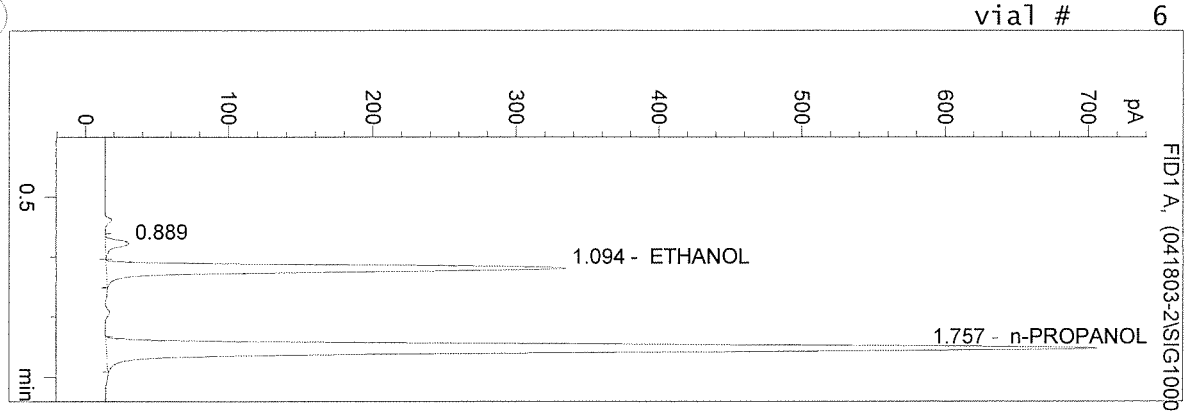
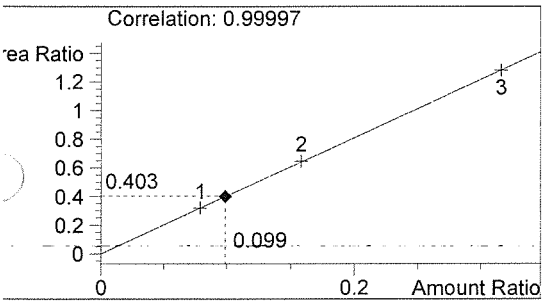
0.10 CTL
MARY WILSON

vial # 6

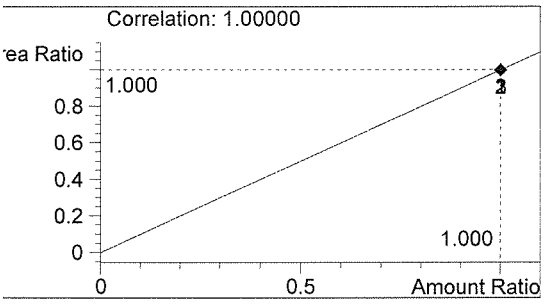


#	Compound	Area	RT
1		68	0.889
2	ETHANOL	1273	1.094
3	n-PROPANOL	3157	1.757

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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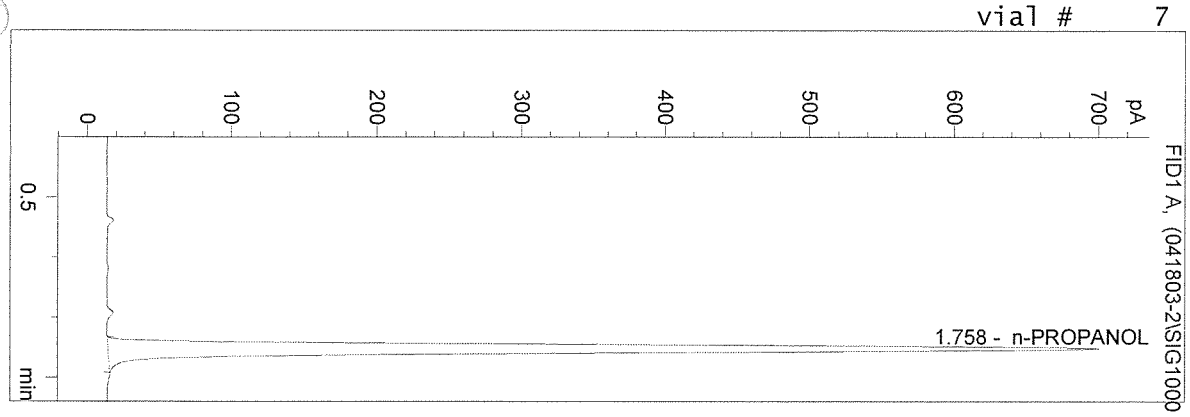
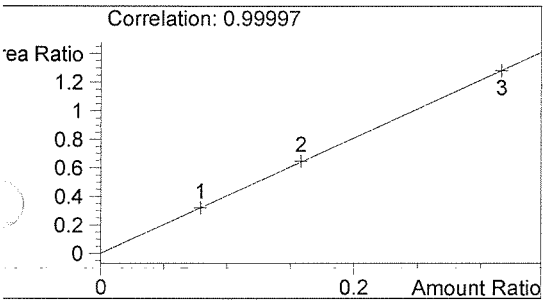
MARY WILSON

vial # 7

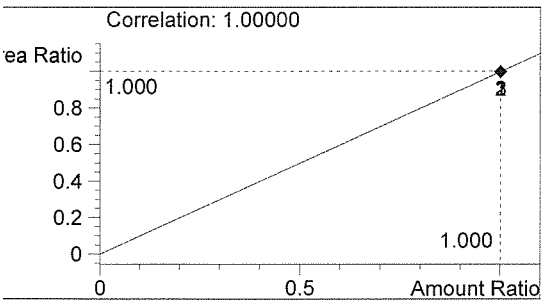


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3129	1.758

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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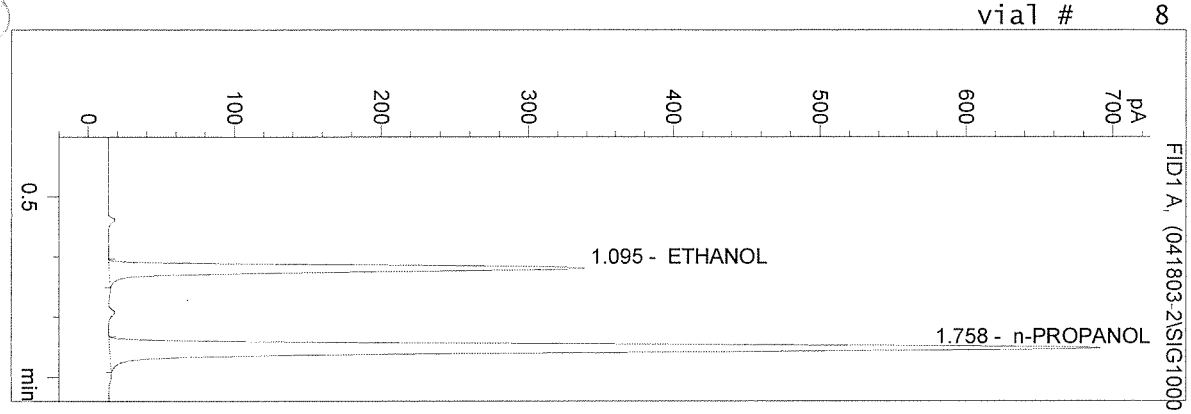
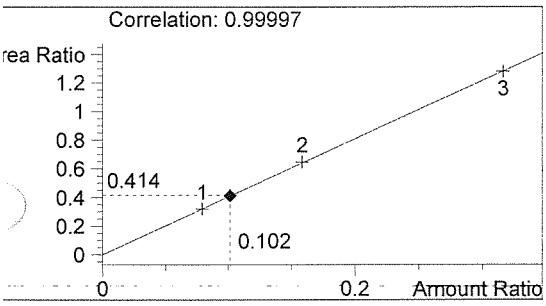
03009 SIMSOL AL
MARY WILSON

vial # 8

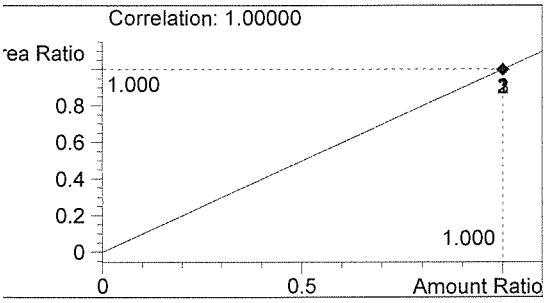


#	Compound	Area	RT
1	ETHANOL	1282	1.095
2	n-PROPANOL	3097	1.758

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

Calibration with AL 03008

WASHINGTON STATE TOXICOLOGY LABORATORY

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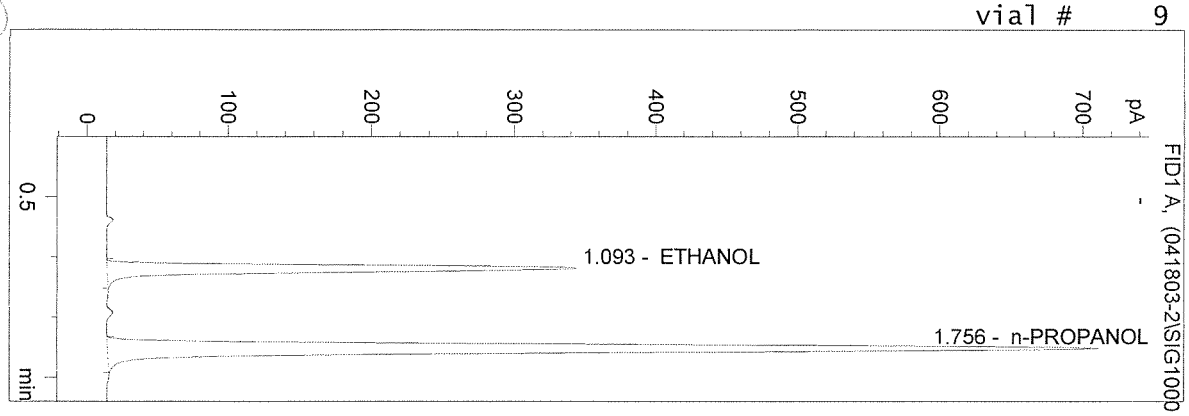
nstrument 3
3-ALC1

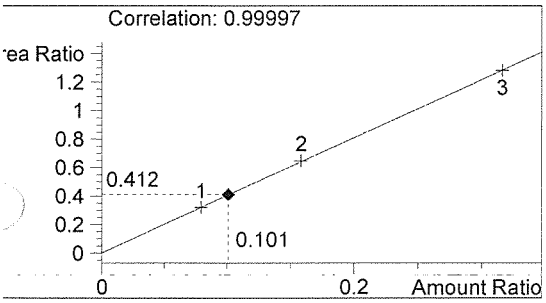
03009 SIMSOL AL
MARY WILSON

vial # 9

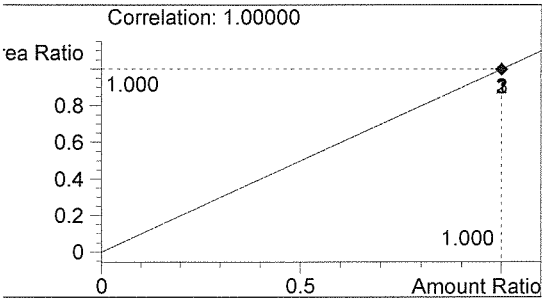


#	Compound	Area	RT
1	ETHANOL	1315	1.093
2	n-PROPANOL	3194	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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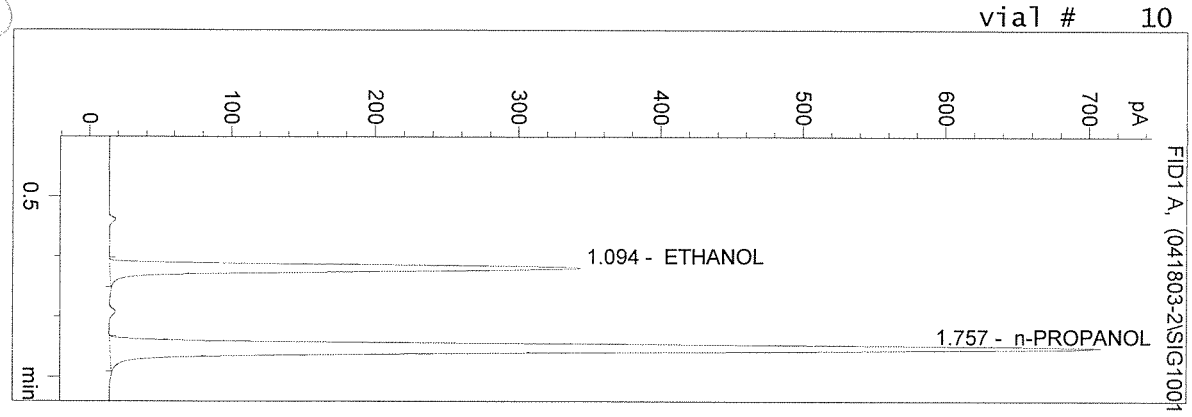
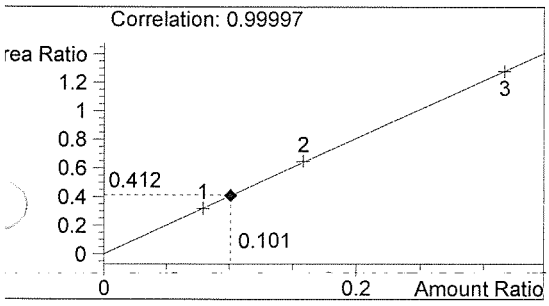
03009 SIMSOL AL
MARY WILSON

vial # 10

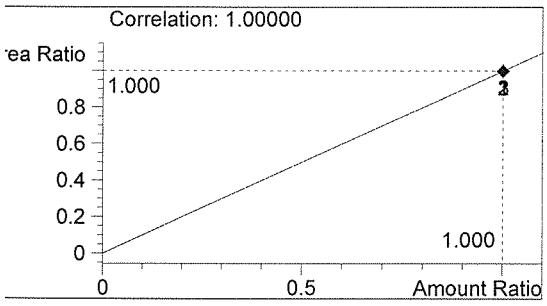


#	Compound	Area	RT
1	ETHANOL	1303	1.094
2	n-PROPANOL	3163	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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nstrument 3
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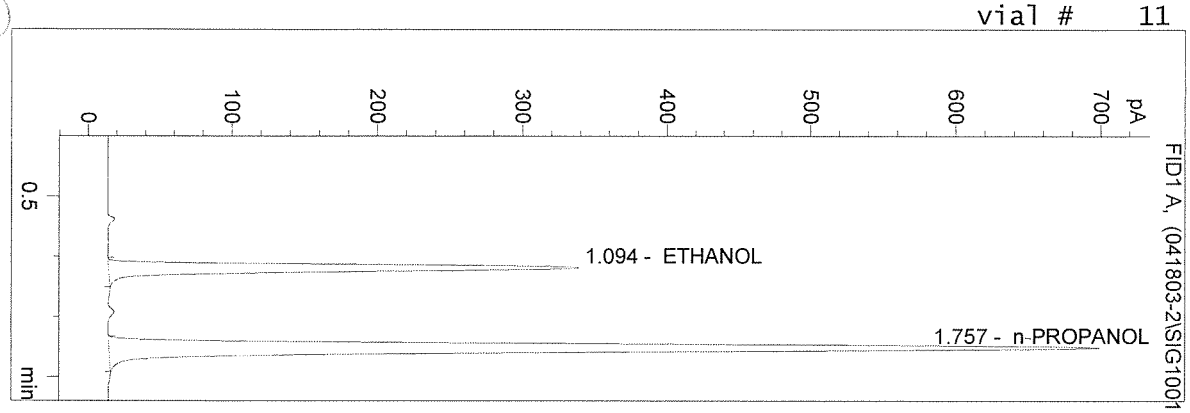
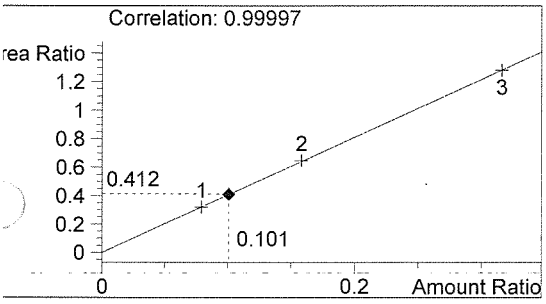
03009 SIMSOL AL
MARY WILSON

vial # 11

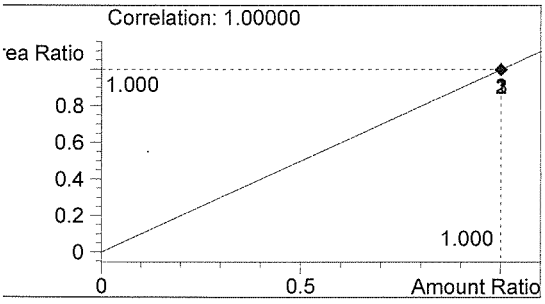


#	Compound	Area	RT
1	ETHANOL	1297	1.094
2	n-PROPANOL	3149	1.757

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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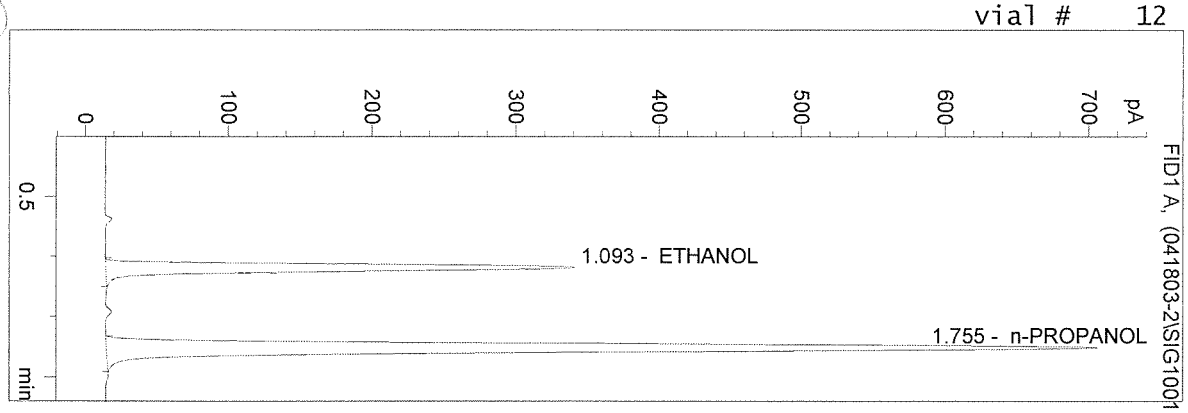
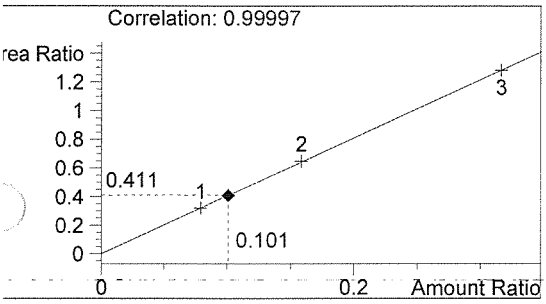
03009 SIMSOL AL
MARY WILSON

vial # 12

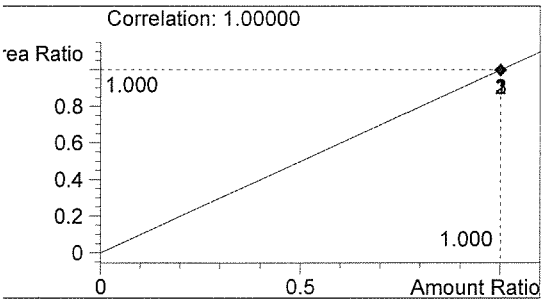


#	Compound	Area	RT
1	ETHANOL	1310	1.093
2	n-PROPANOL	3187	1.755

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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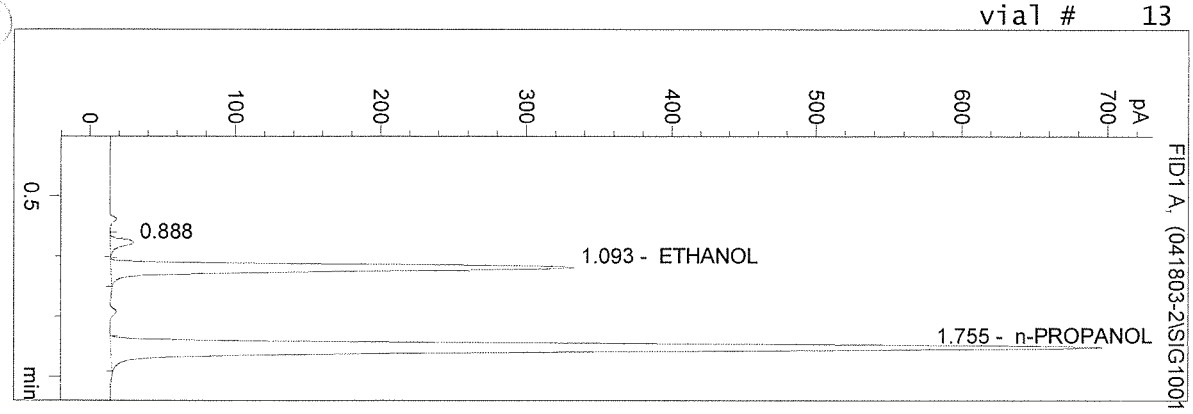
nstrument 3
3-ALC1

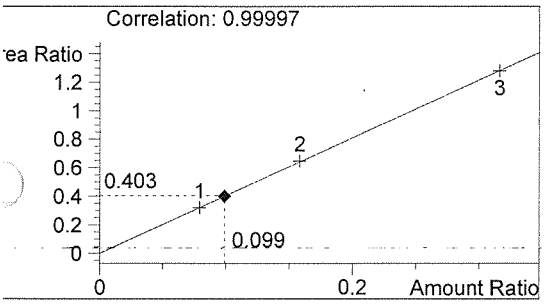
0.10 CTL
MARY WILSON

vial # 13

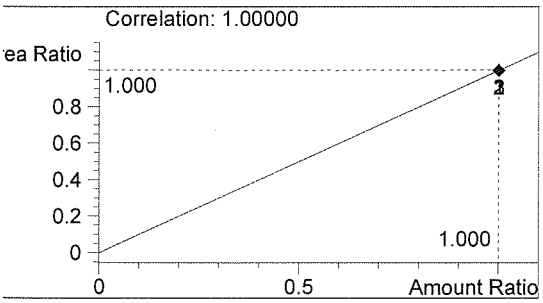


#	Compound	Area	RT
1		67	0.888
2	ETHANOL	1255	1.093
3	n-PROPANOL	3115	1.755

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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nstrument 3
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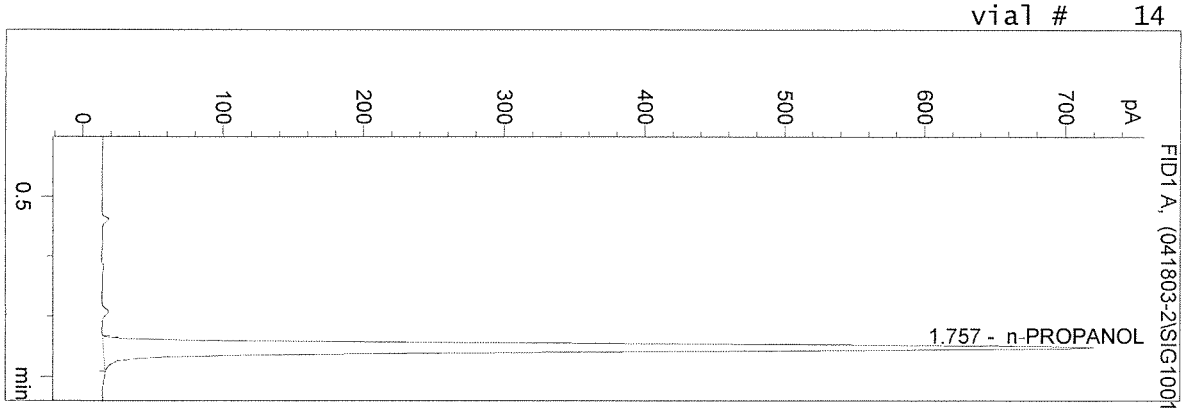
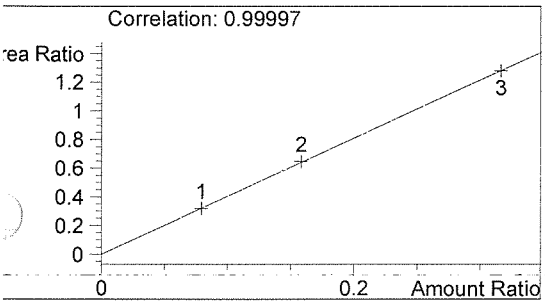
MARY WILSON

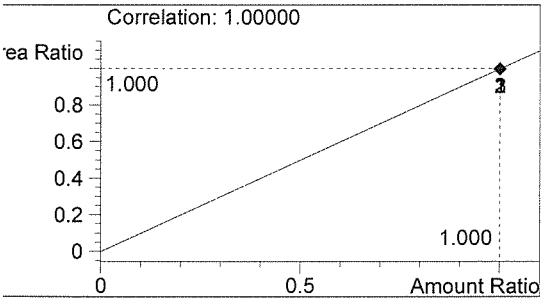
vial # 14



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3255	1.757
Totals:			



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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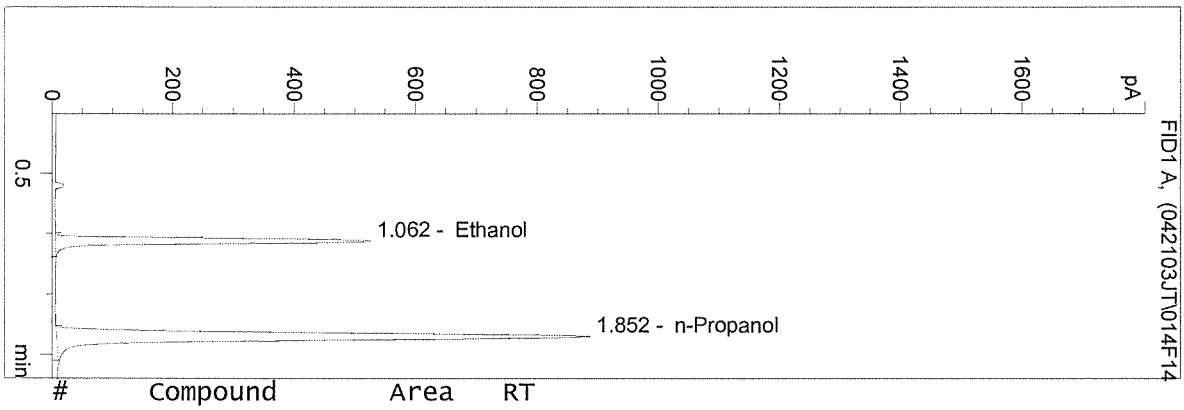
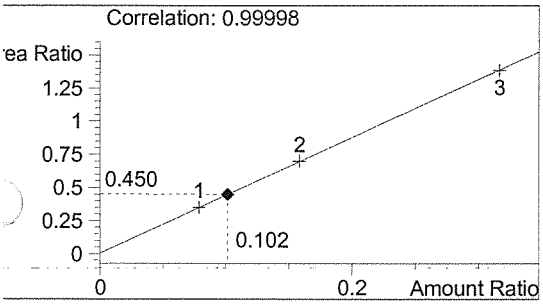
03009 sim soln
Jayne E. Thatcher

vial # 14

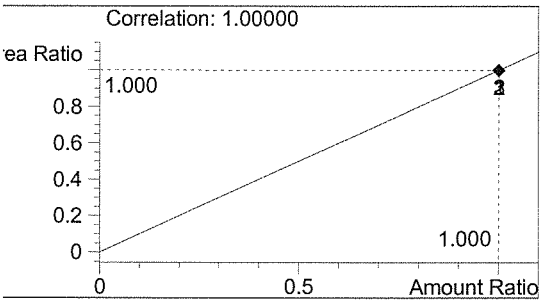


#	Compound	Area	RT
1	Ethanol	1599	1.062
2	n-Propanol	3550	1.852
Totals:			

Standards in 032454



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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nstrument 2
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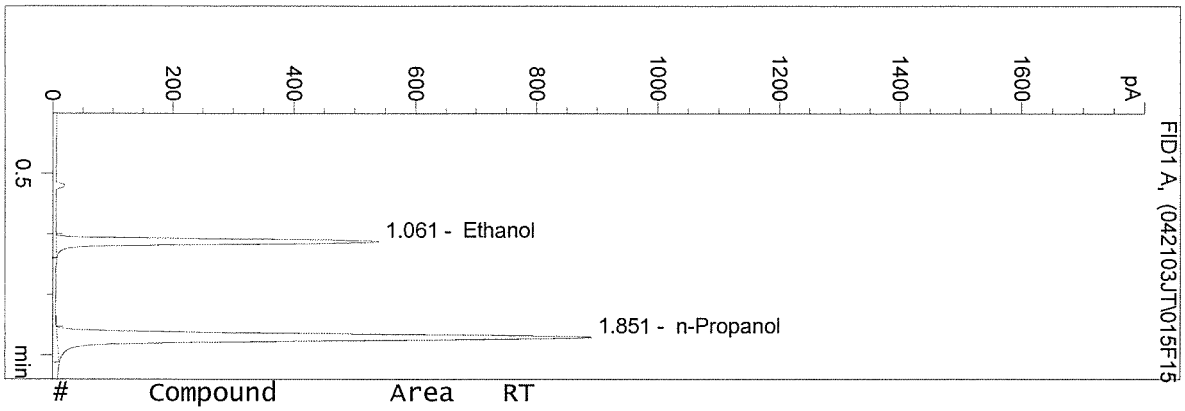
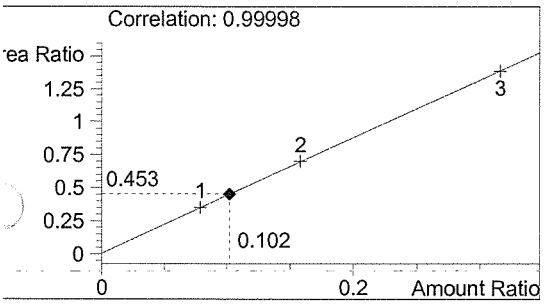
03009 sim soln
Jayne E. Thatcher

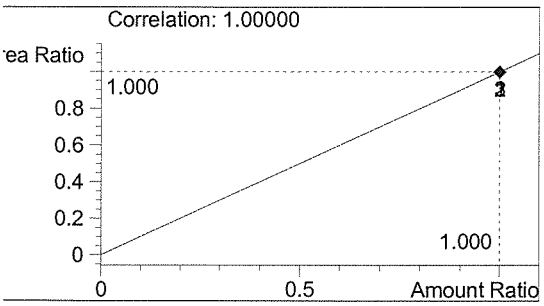
vial # 15



#	Compound	Area	RT
1	Ethanol	1609	1.061
2	n-Propanol	3554	1.851
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
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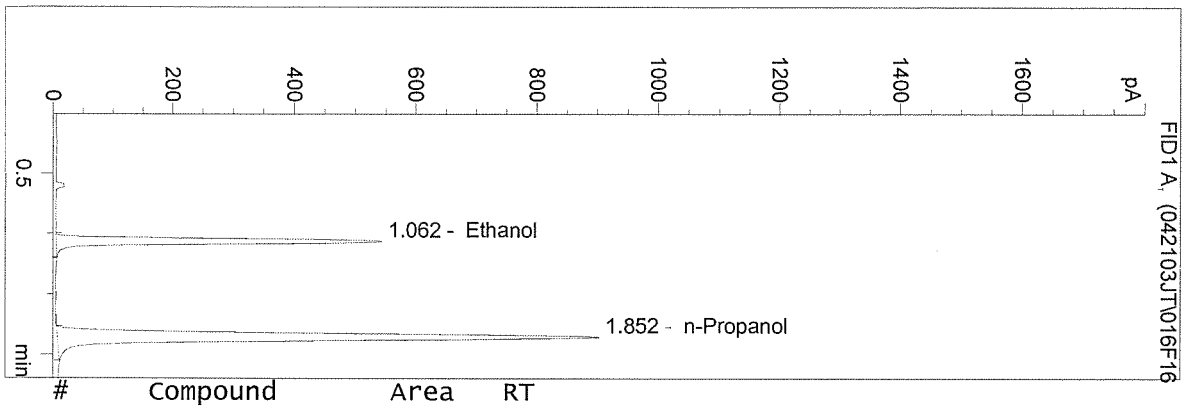
nstrument 2
3-ALC1

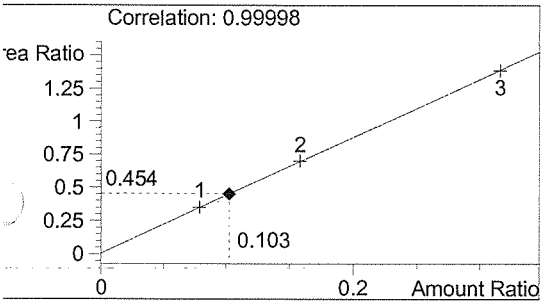
03009 sim soln
Jayne E. Thatcher

vial # 16

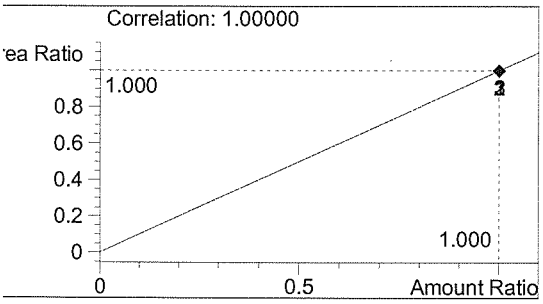


#	Compound	Area	RT
1	Ethanol	1642	1.062
2	n-Propanol	3617	1.852

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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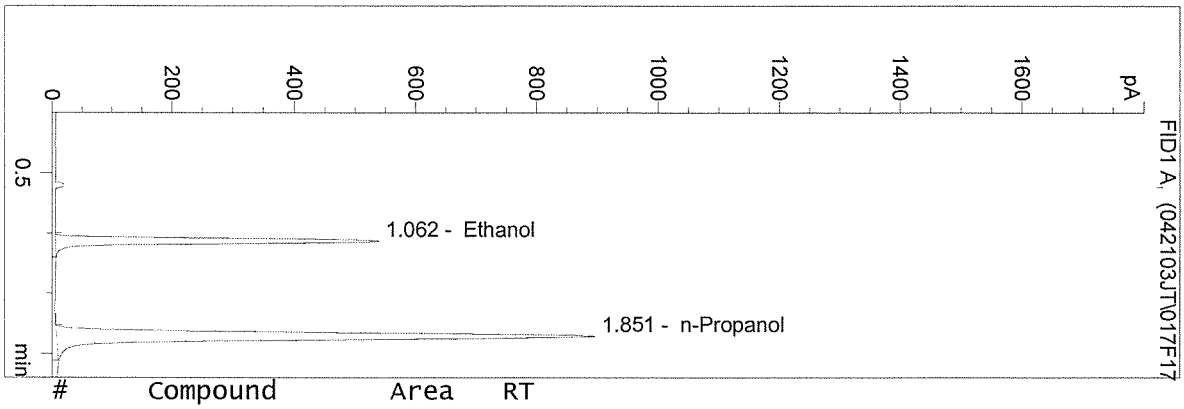
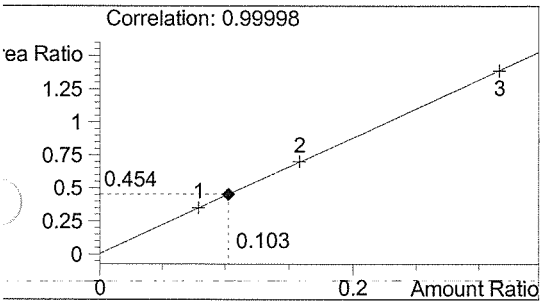
nstrument 2
3-ALC1

03009 sim soln
Jayne E. Thatcher

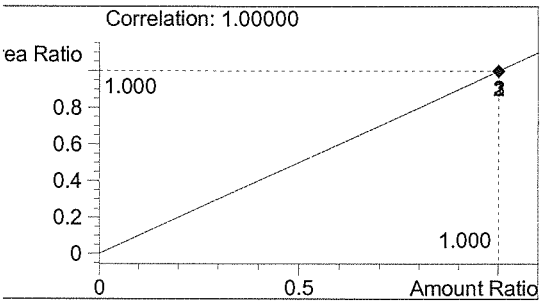
vial # 17



#	Compound	Area	RT
1	Ethanol	1629	1.062
2	n-Propanol	3592	1.851
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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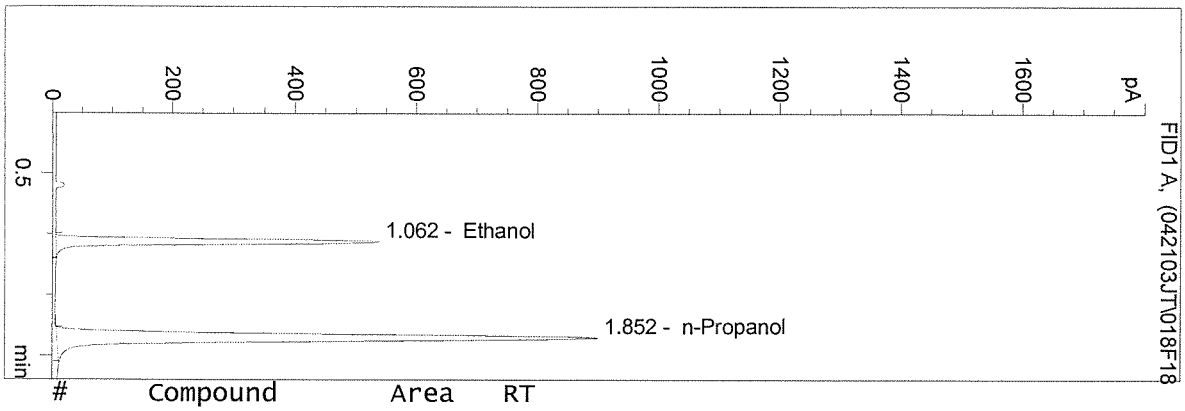
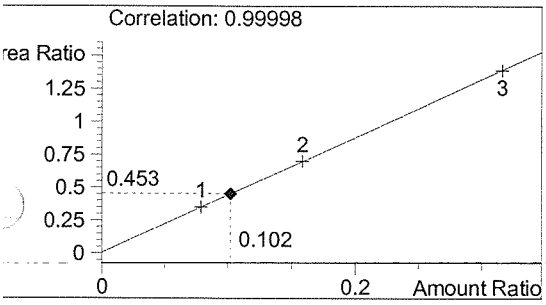
nstrument 2
3-ALC1

03009 sim soln
Jayne E. Thatcher

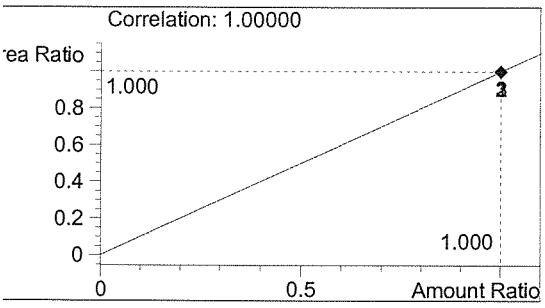
vial # 18



#	Compound	Area	RT
1	Ethanol	1624	1.062
2	n-Propanol	3587	1.852
Totals:			



Ethanol 0.102 g/100ml



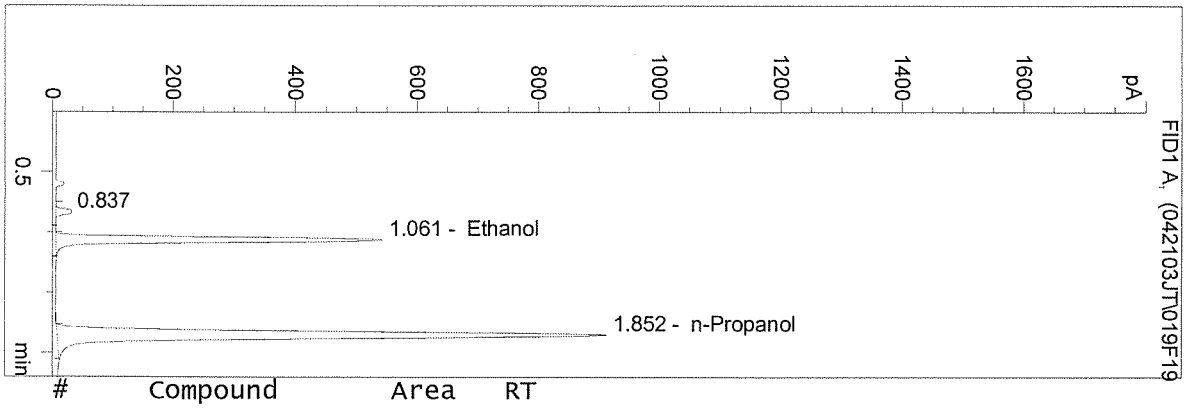
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/21/03 10:22:29 AM
nstrument 2
3-ALC1

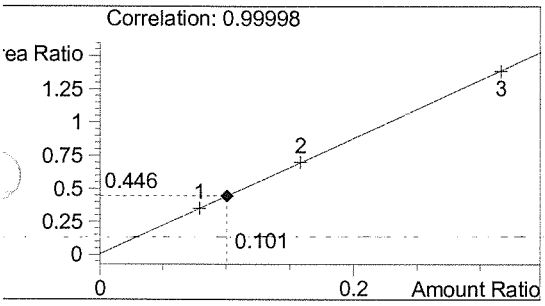
0.10 control
Jayne E. Thatcher

vial # 19

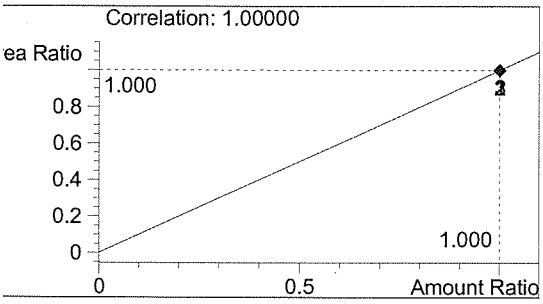


#	Compound	Area	RT
1		90	0.837
2	Ethanol	1622	1.061
3	n-Propanol	3639	1.852

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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:\HPCHEM\2\METHODS\BLDALCO2.M
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ıstrument 2
3-ALC1

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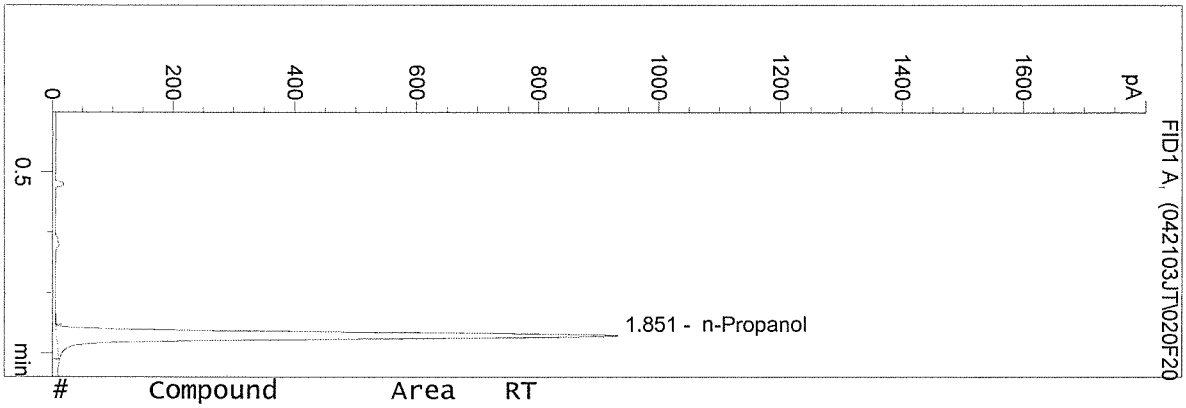
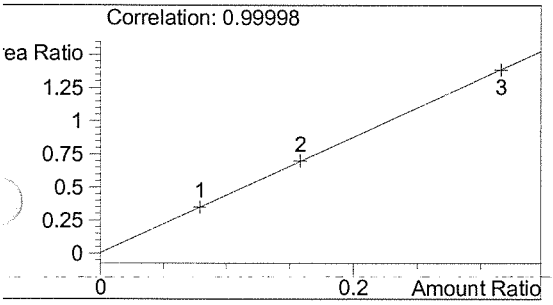
Jayne E. Thatcher

vial # 20

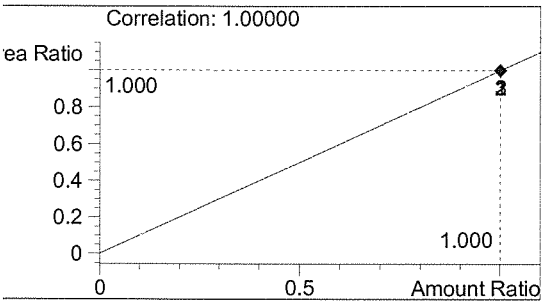


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3713	1.851

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

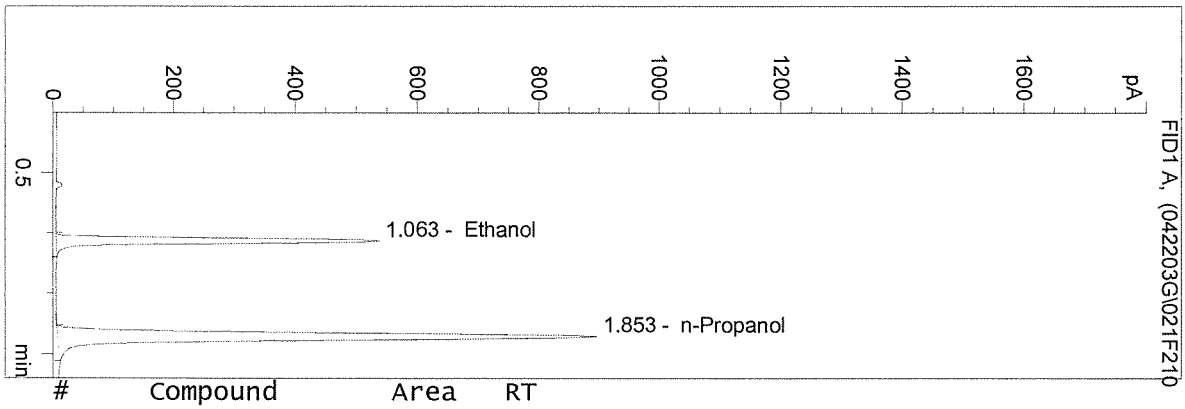
WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/22/03 1:22:06 PM
nstrument 2
3-ALC1

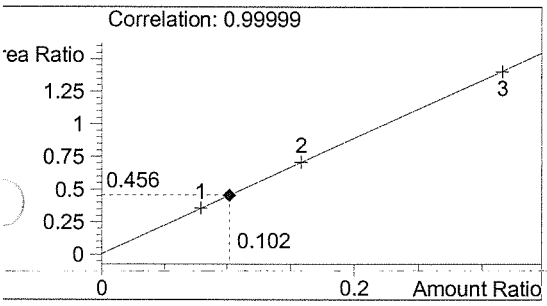
0.08 SSOL 03009
Gene Schwilke

vial # 21

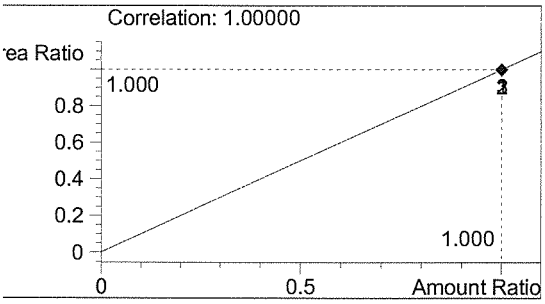
STDS
0324 8S



#	Compound	Area	RT
1	Ethanol	1651	1.063
2	n-Propanol	3616	1.853
Totals:			



Ethanol 0.102 g/100ml



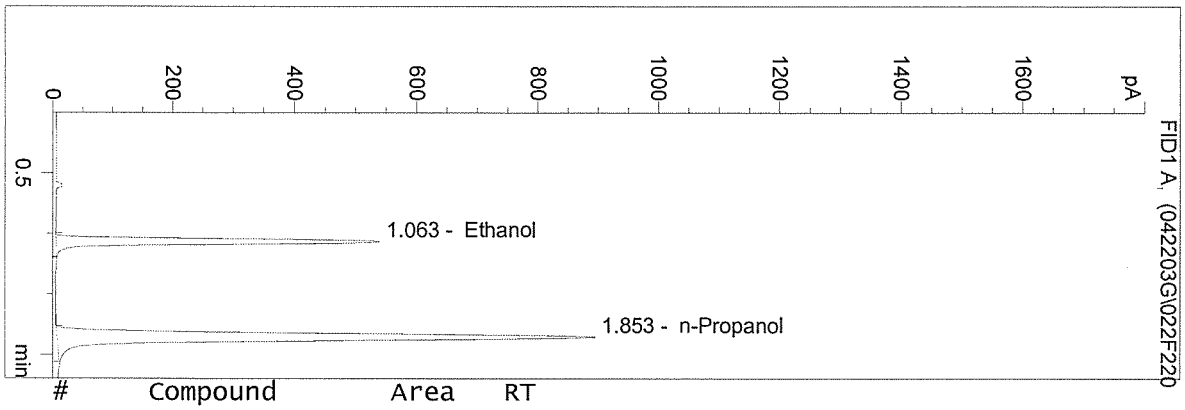
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/22/03 1:25:08 PM
nstrument 2
3-ALC1

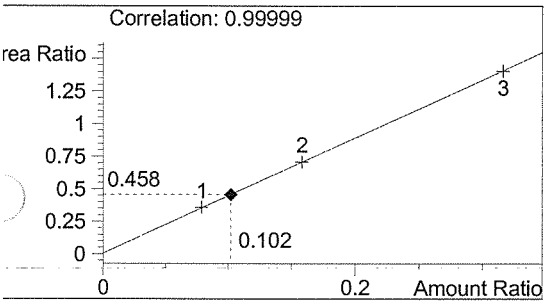
0.08 SSOL 03009
Gene Schwilke

vial # 22

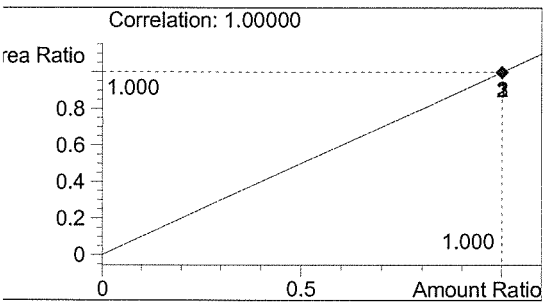


#	Compound	Area	RT
1	Ethanol	1648	1.063
2	n-Propanol	3598	1.853

Totals:



Ethanol 0.102 g/100ml



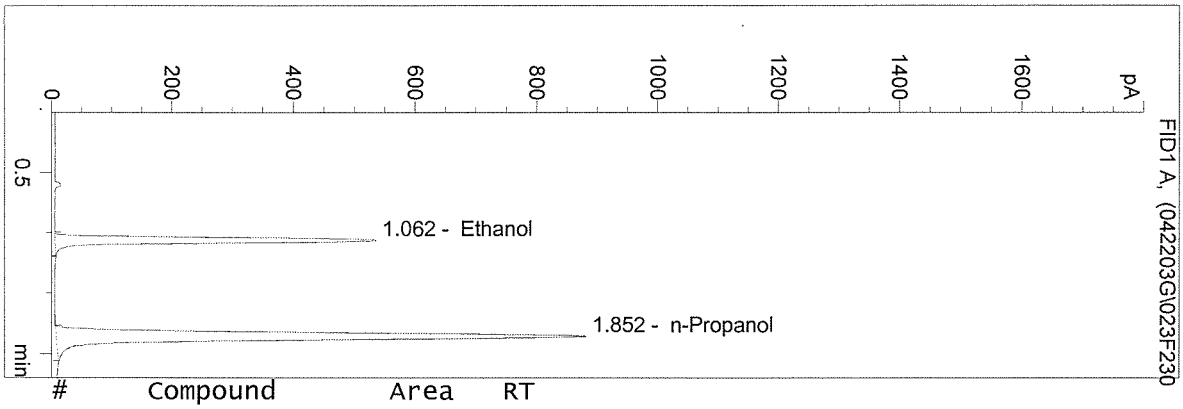
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

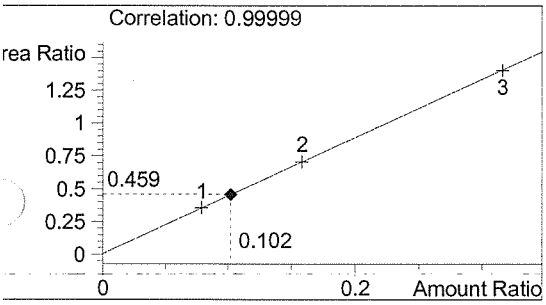
:\HPCHEM\2\METHODS\BLDALCO2.M
/22/03 1:28:10 PM
nstrument 2
3-ALC1

0.08 SSOL 03009
Gene Schwilke

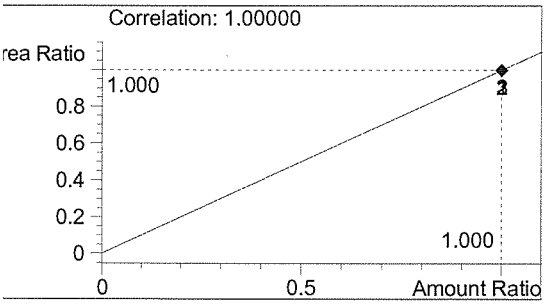
vial # 23



#	Compound	Area	RT
1	Ethanol	1620	1.062
2	n-Propanol	3531	1.852
Totals:			



Ethanol 0.102 g/100ml



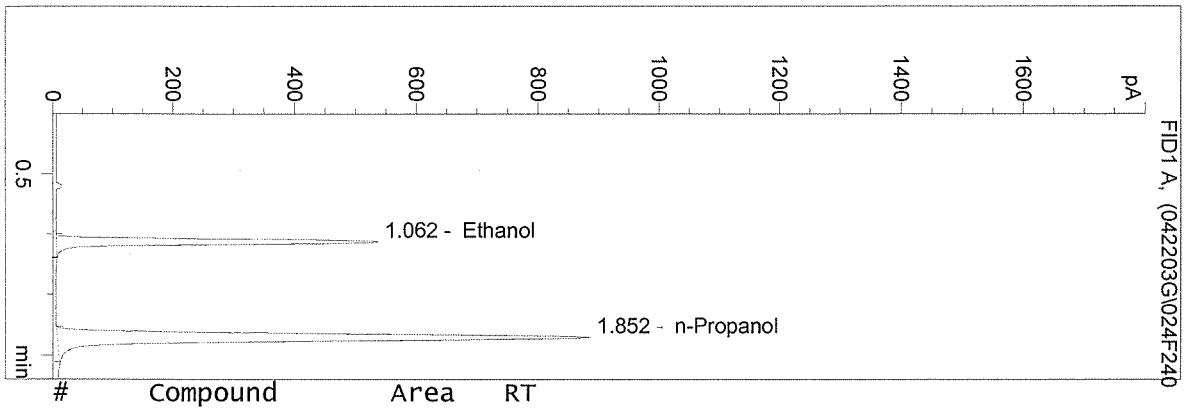
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/22/03 1:31:11 PM
nstrument 2
3-ALC1

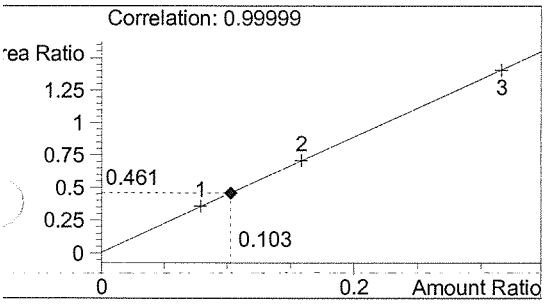
0.08 SSOL 03009
Gene Schwilke

vial # 24

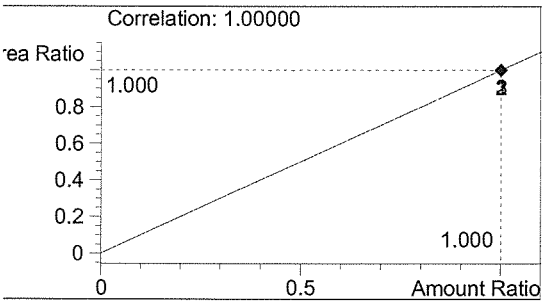


#	Compound	Area	RT
1	Ethanol	1640	1.062
2	n-Propanol	3561	1.852

Totals:



Ethanol 0.103 g/100ml



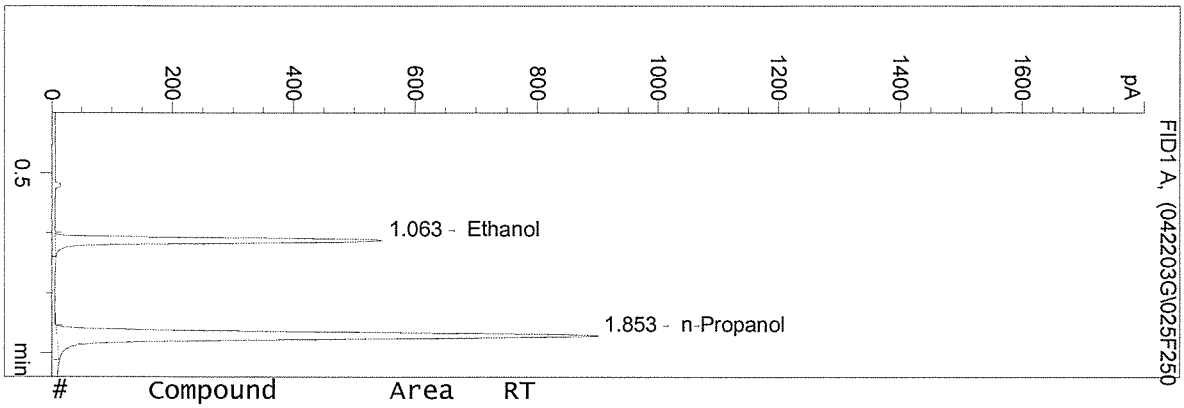
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/22/03 1:34:31 PM
nstrument 2
3-ALC1

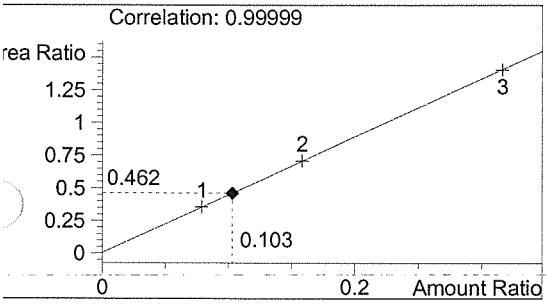
0.08 SSOL 03009
Gene Schwilke

vial # 25

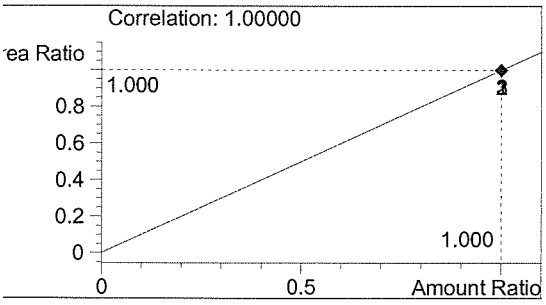


#	Compound	Area	RT
1	Ethanol	1663	1.063
2	n-Propanol	3602	1.853

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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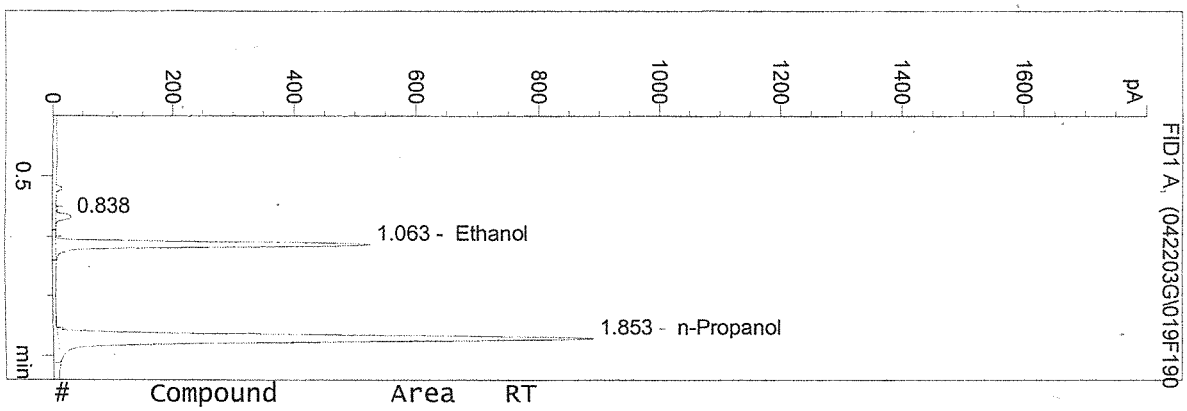
4/22/03 1:15:42 PM
Instrument 2
DB-ALC1

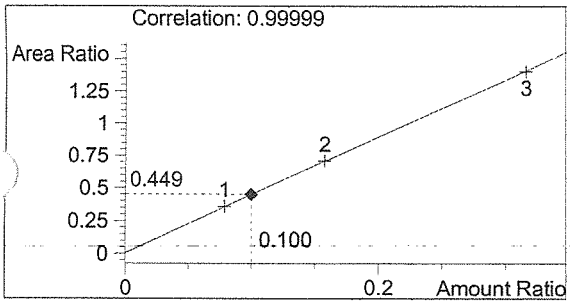
CAP 0.100
Gene Schwilke

vial # 19

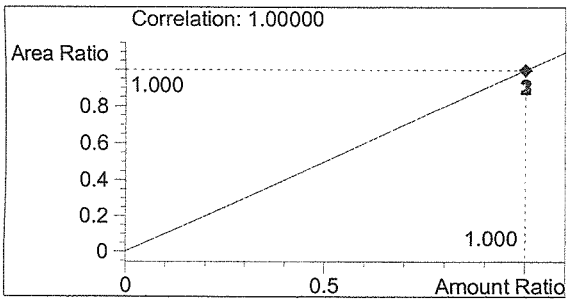


#	Compound	Area	RT
1		91	0.838
2	Ethanol	1607	1.063
3	n-Propanol	3578	1.853

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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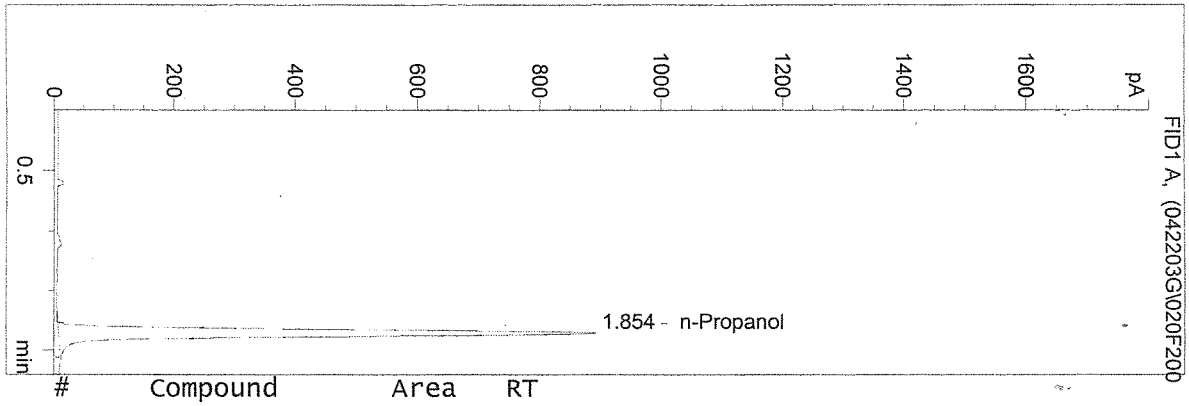
Instrument 2
DB-ALC1

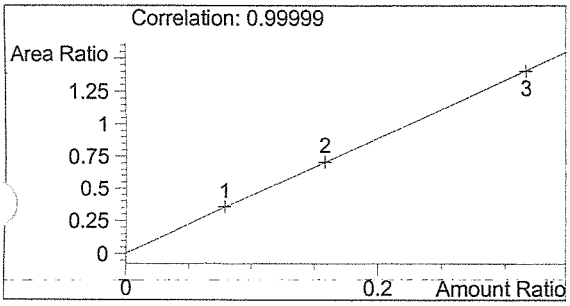
BLANK
Gene Schwilke

vial # 20

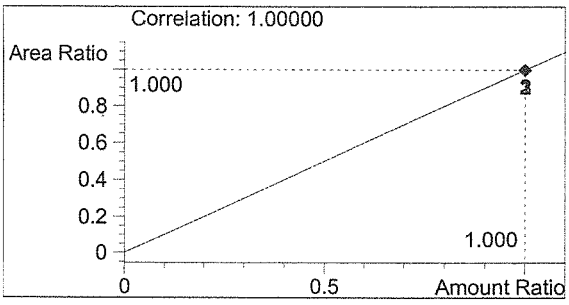


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3586	1.854

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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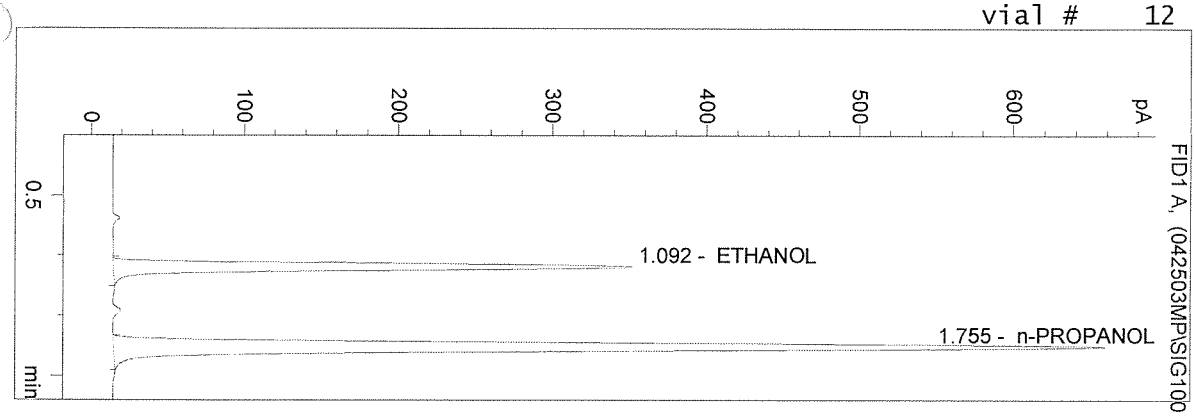
/25/03 8:42:03 AM
nstrument 3
3-ALC1

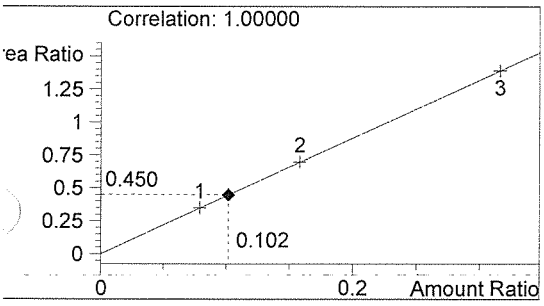
03009 SIM SOLN
M PEMBERTON

vial # 12

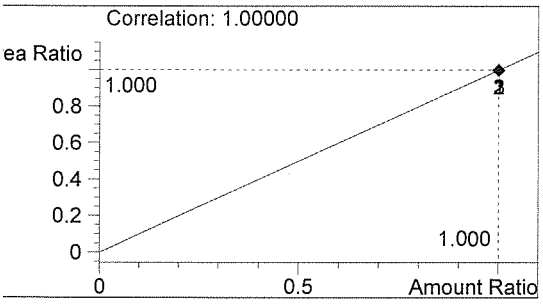


#	Compound	Area	RT
1	ETHANOL	1305	1.092
2	n-PROPANOL	2899	1.755

Totals:



ETHANOL 0.102 g/100mL



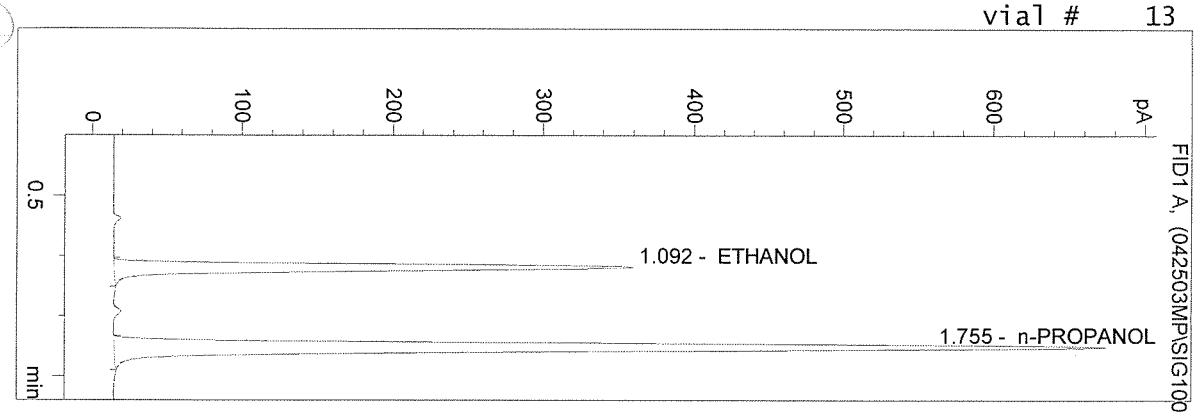
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO3.M
/25/03 8:45:27 AM
nstrument 3
3-ALC1

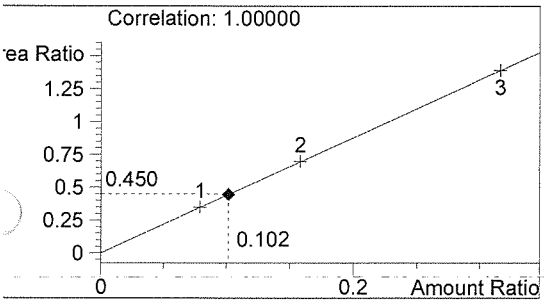
03009 SIM SOLN
M PEMBERTON

vial # 13

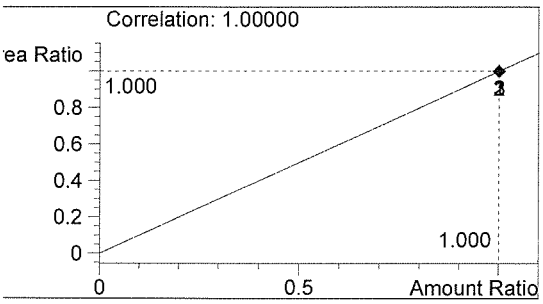


#	Compound	Area	RT
1	ETHANOL	1340	1.092
2	n-PROPANOL	2979	1.755

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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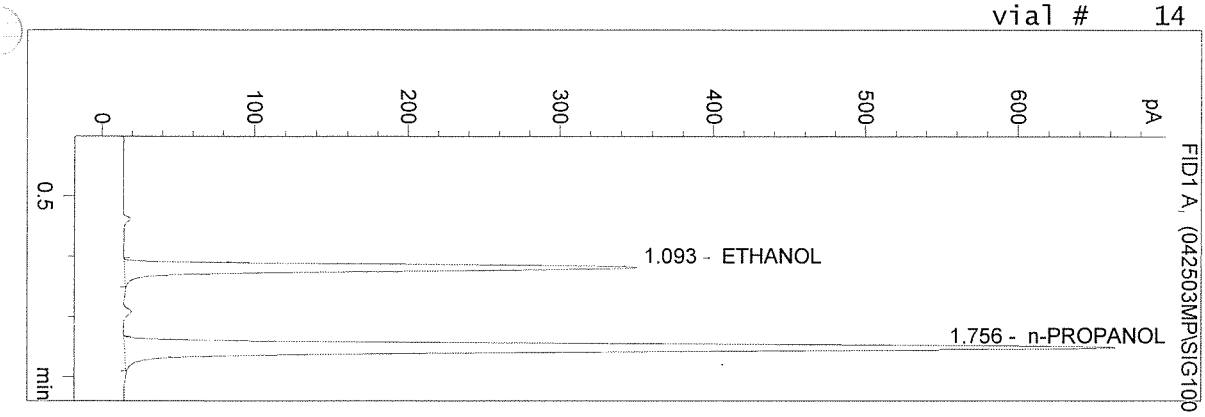
nstrument 3
3-ALC1

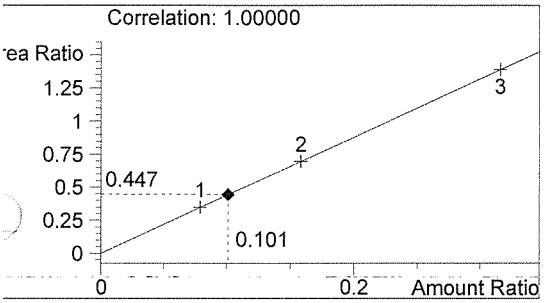
03009 SIM SOLN
M PEMBERTON

vial # 14

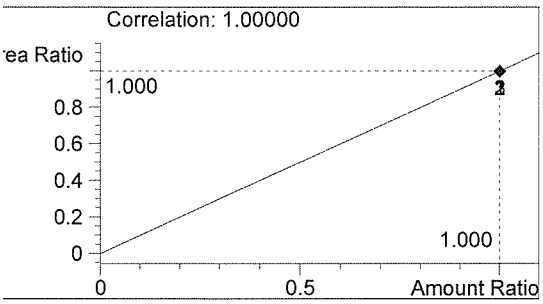


#	Compound	Area	RT
1	ETHANOL	1310	1.093
2	n-PROPANOL	2931	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO3.M
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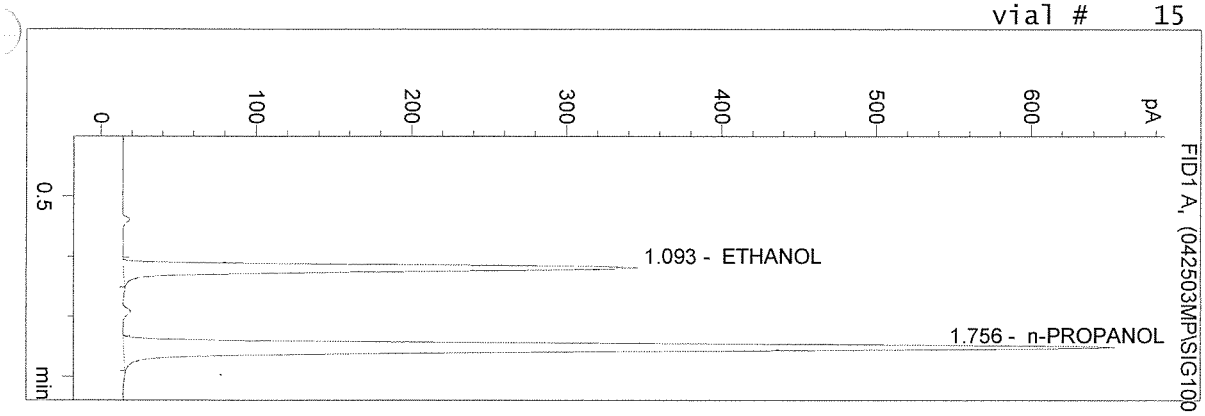
nstrument 3
3-ALC1

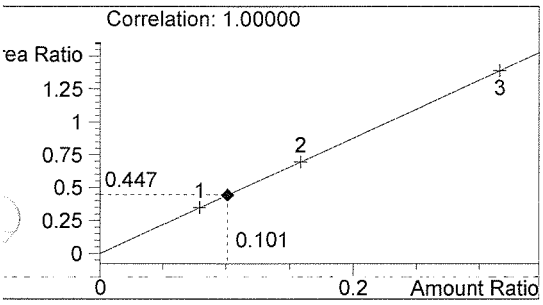
03009 SIM SOLN
M PEMBERTON

vial # 15

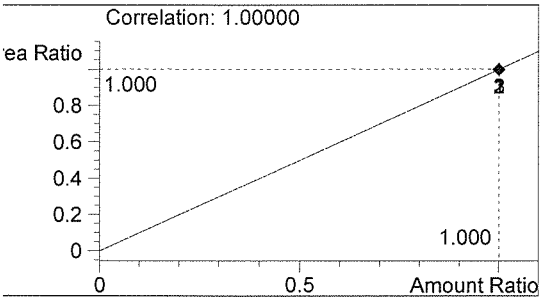


#	Compound	Area	RT
1	ETHANOL	1304	1.093
2	n-PROPANOL	2914	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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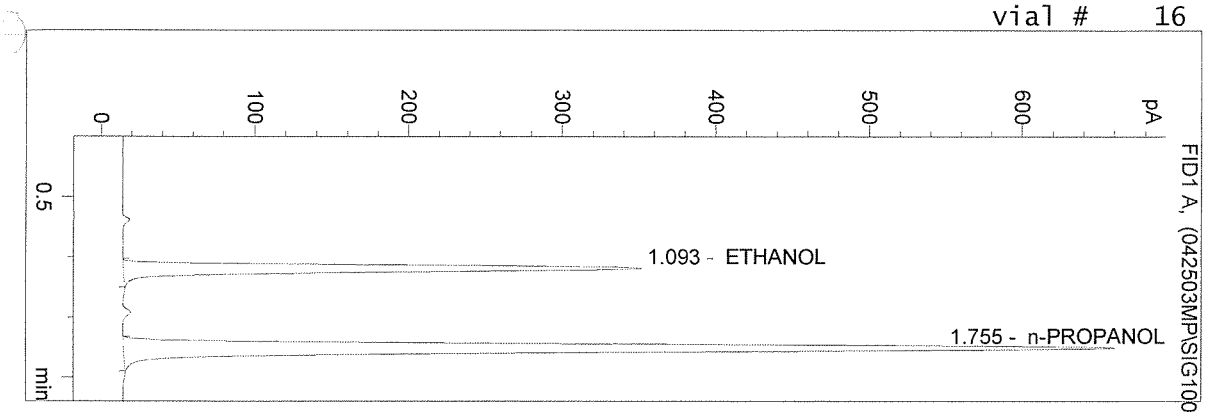
nstrument 3
3-ALC1

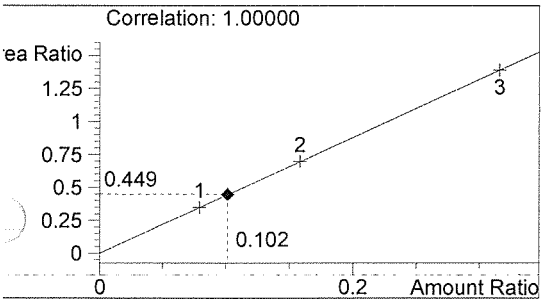
03009 SIM SOLN
M PEMBERTON

vial # 16

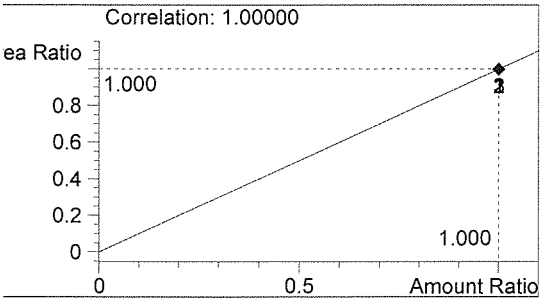


#	Compound	Area	RT
1	ETHANOL	1316	1.093
2	n-PROPANOL	2931	1.755

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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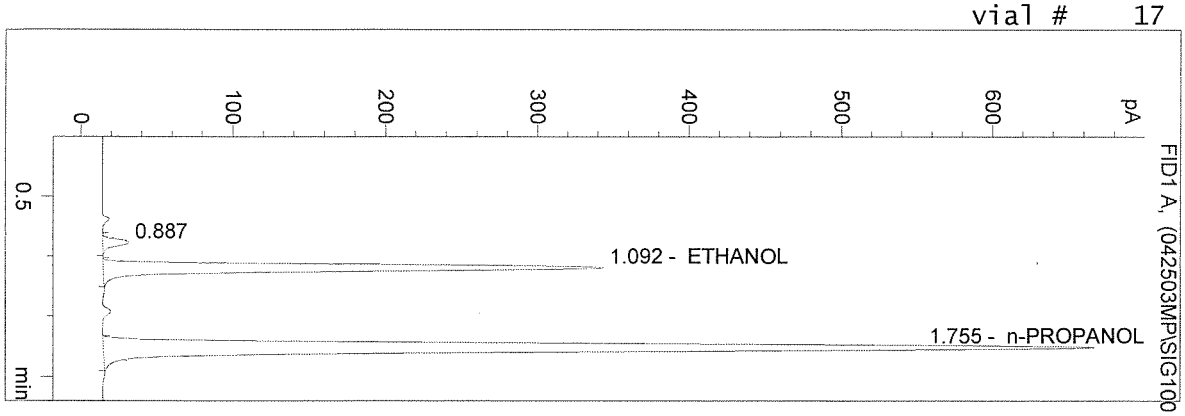
3-ALC1

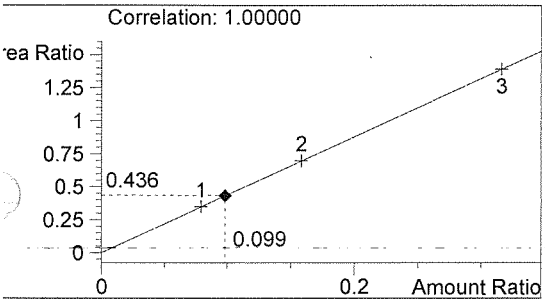
0.10 CONTROL
M PEMBERTON

vial # 17

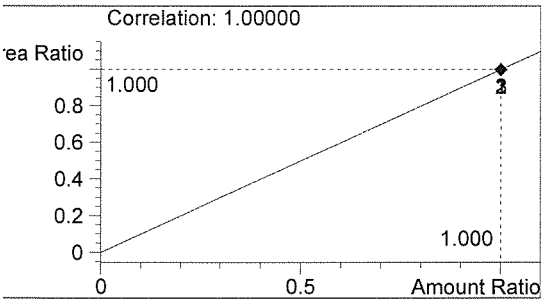


#	Compound	Area	RT
1		68	0.887
2	ETHANOL	1284	1.092
3	n-PROPANOL	2948	1.755

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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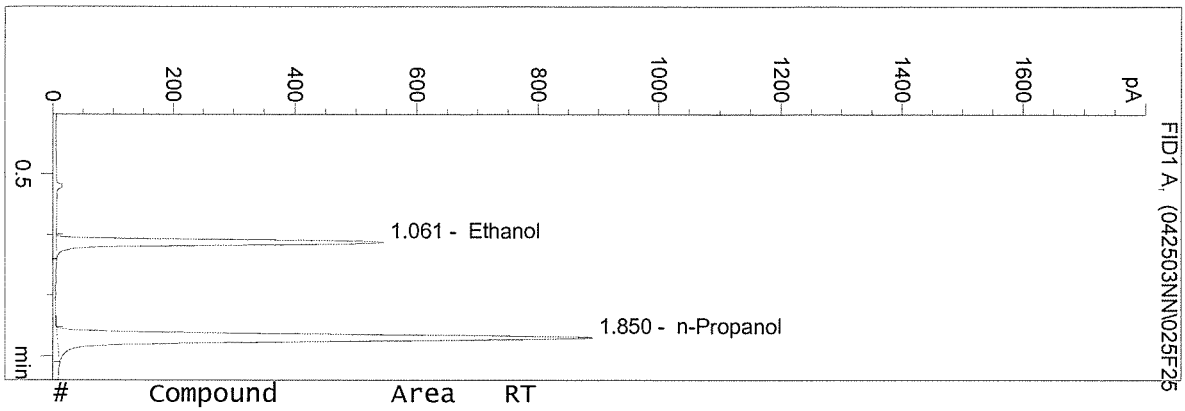
ıstrument 2
3-ALC1

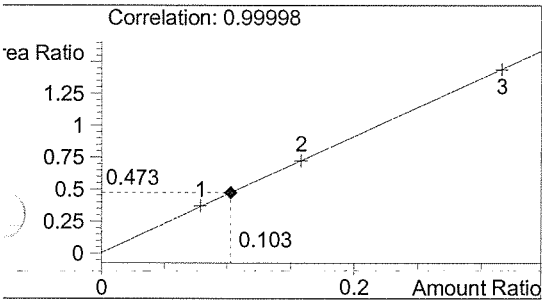
SIM 03009-1
N Nuwayhid, PhD

vial # 25

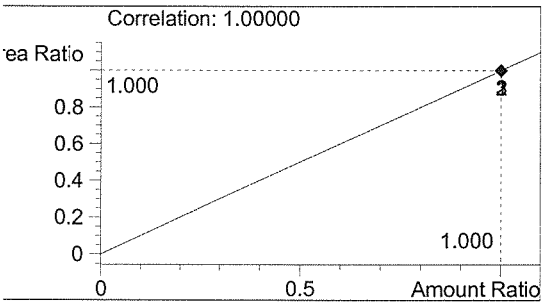


#	Compound	Area	RT
1	Ethanol	1691	1.061
2	n-Propanol	3571	1.850

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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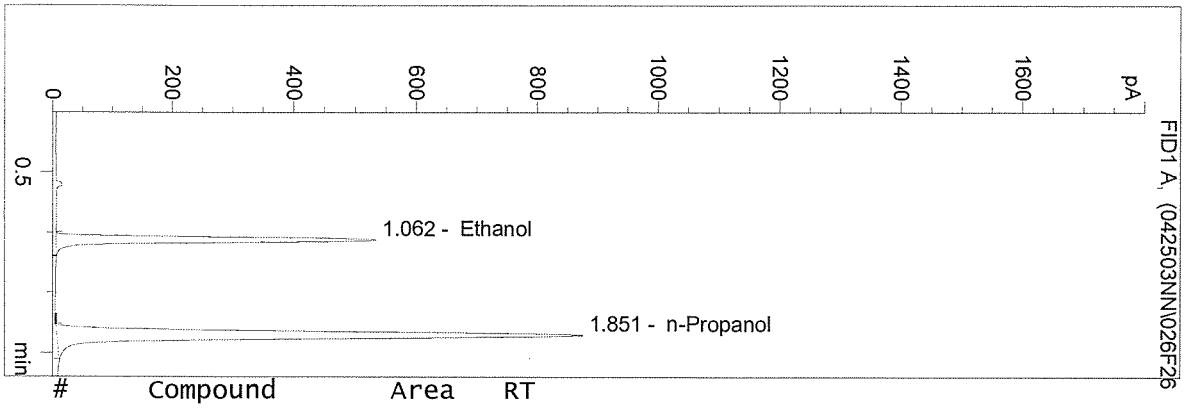
/25/03 6:03:15 PM
nstrument 2
3-ALC1

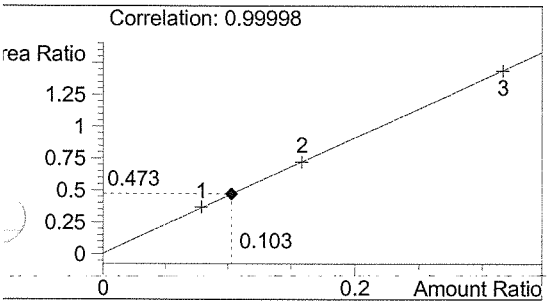
SIM 03009-1 2 MW
N Nuwayhid, PhD

vial # 26

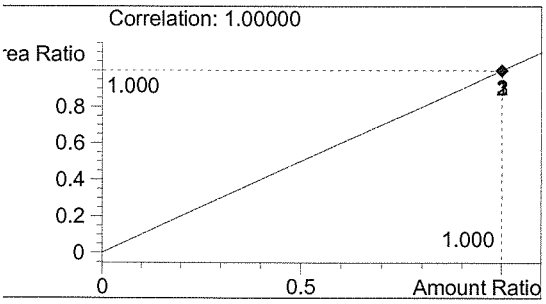


#	Compound	Area	RT
1	Ethanol	1674	1.062
2	n-Propanol	3542	1.851

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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:\HPCHEM\2\METHODS\BLDALCO2.M
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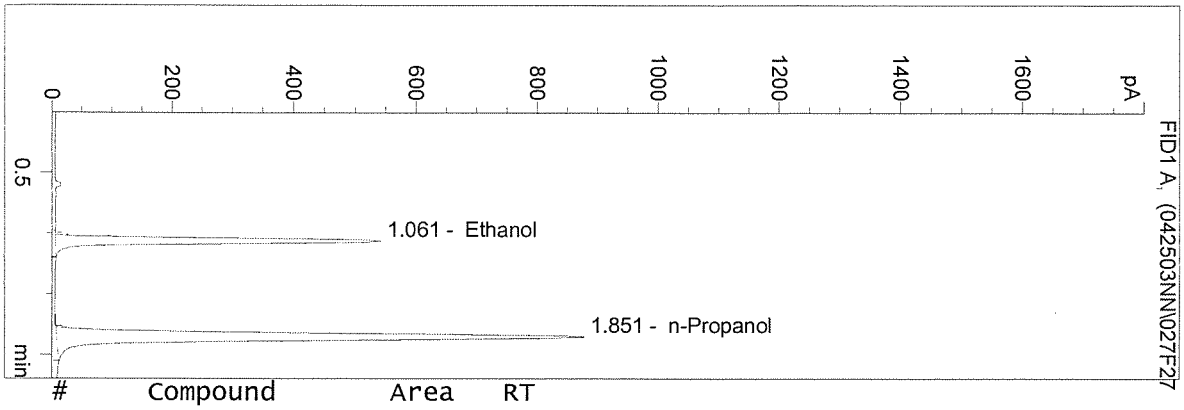
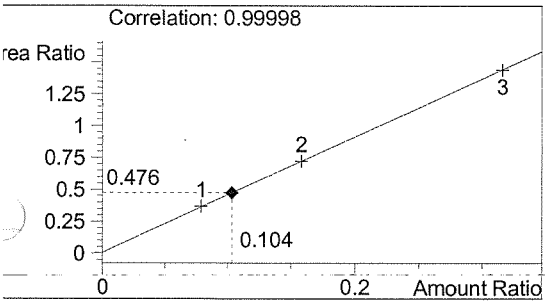
nstrument 2
3-ALC1

SIM 03009-13 NN
N Nuwayhid, PhD

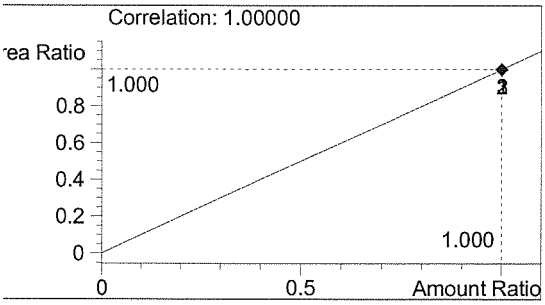
vial # 27



#	Compound	Area	RT
1	Ethanol	1675	1.061
2	n-Propanol	3522	1.851
Totals:			



Ethanol 0.104 g/100ml



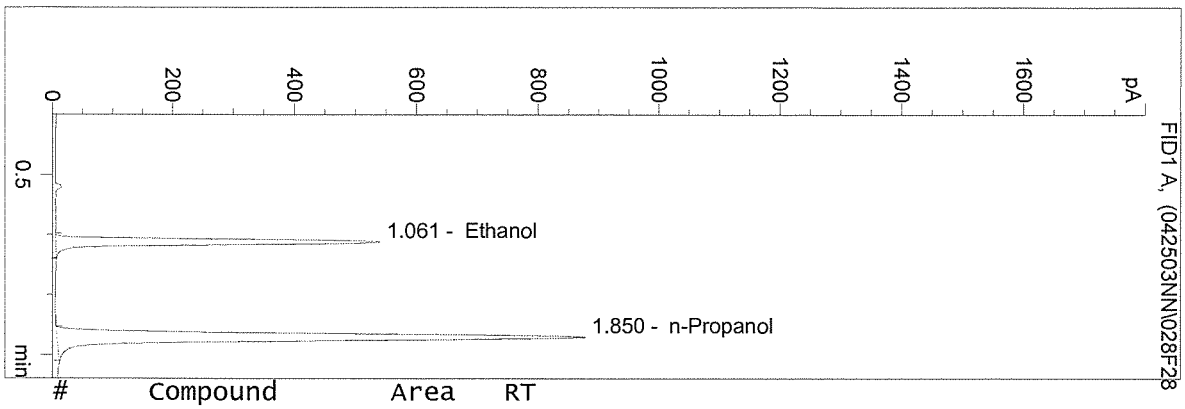
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/25/03 6:09:19 PM
nstrument 2
3-ALC1

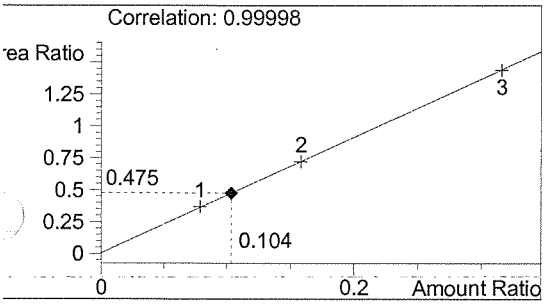
SIM 03009-1 4 NN
N Nuwayhid, PhD

vial # 28

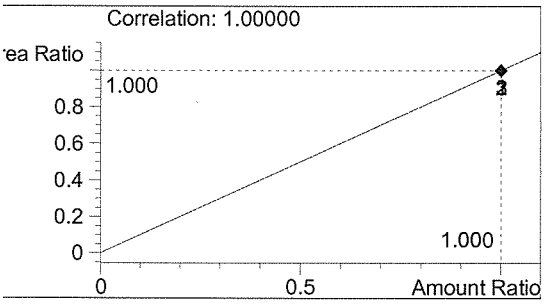


#	Compound	Area	RT
1	Ethanol	1672	1.061
2	n-Propanol	3518	1.850

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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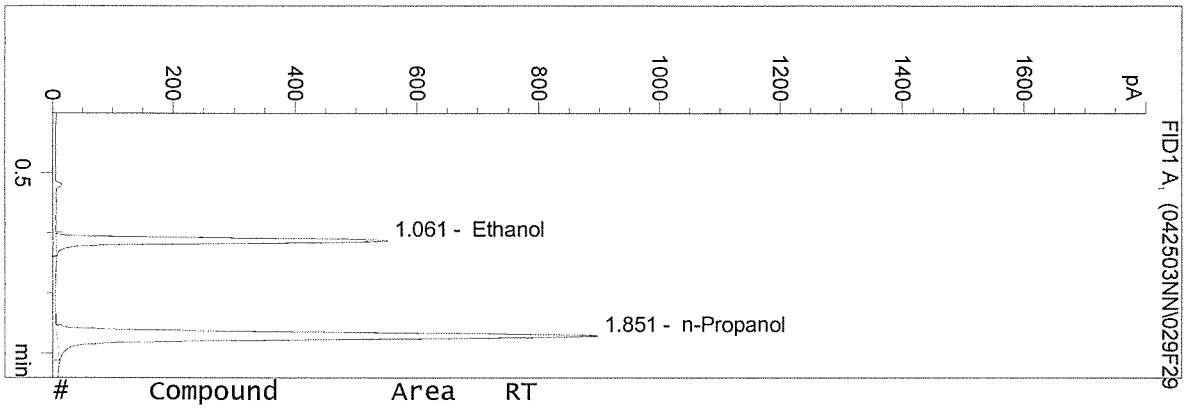
ıstrument 2
3-ALC1

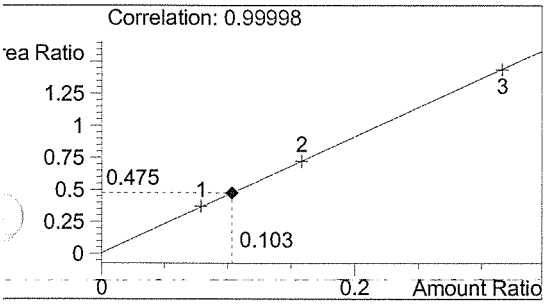
SIM 03009-~~1~~15 MW
N Nuwayhid, PhD

vial # 29

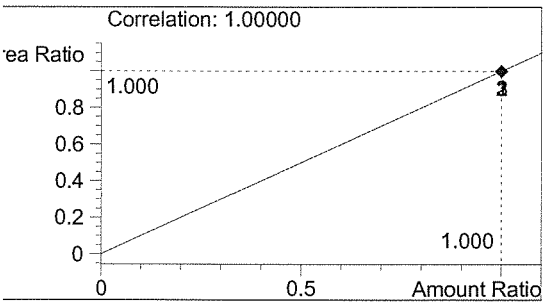


#	Compound	Area	RT
1	Ethanol	1709	1.061
2	n-Propanol	3599	1.851

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
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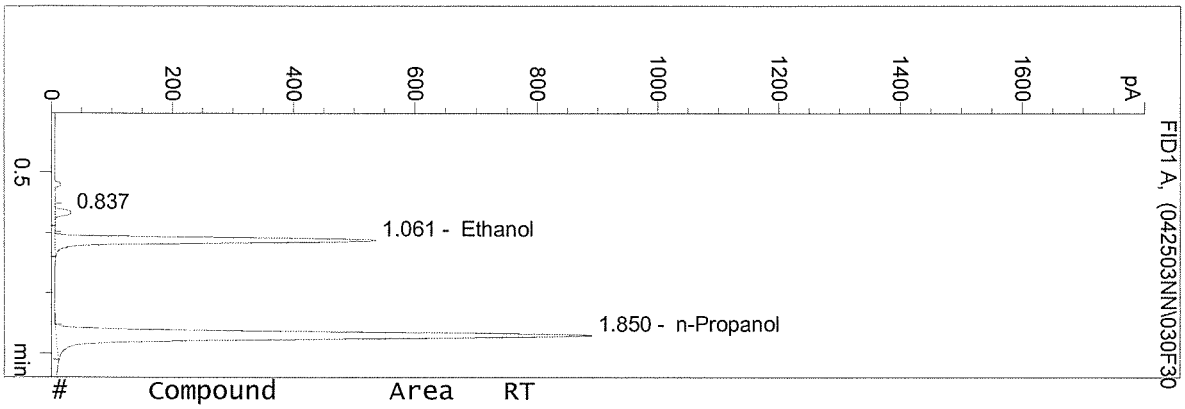
nstrument 2
3-ALC1

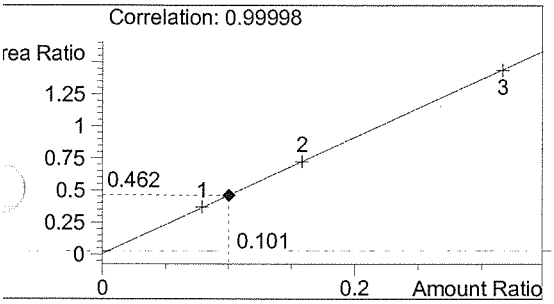
0.100 C
N Nuwayhid, PhD

vial # 30

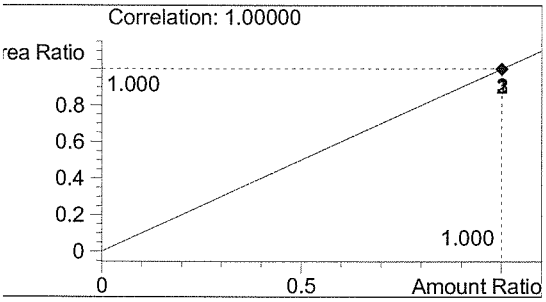


#	Compound	Area	RT
1		87	0.837
2	Ethanol	1649	1.061
3	n-Propanol	3569	1.850

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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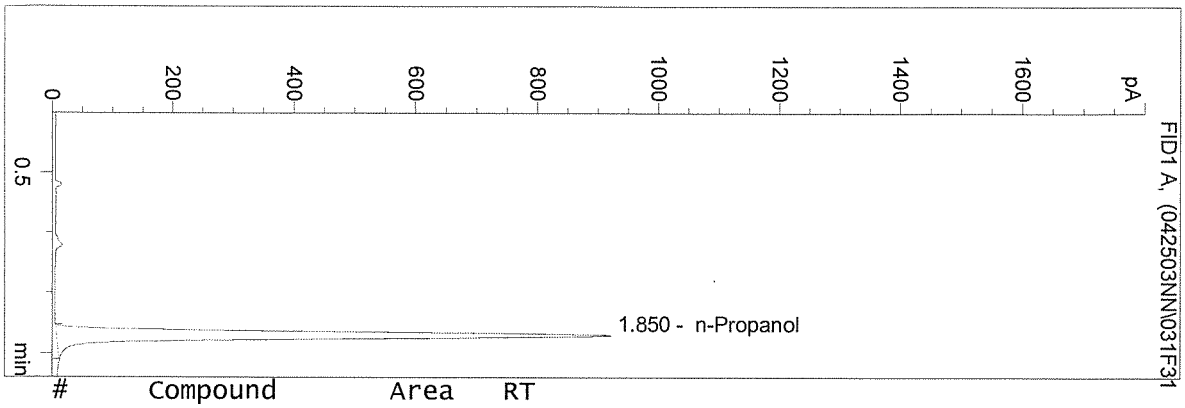
nstrument 2
3-ALC1

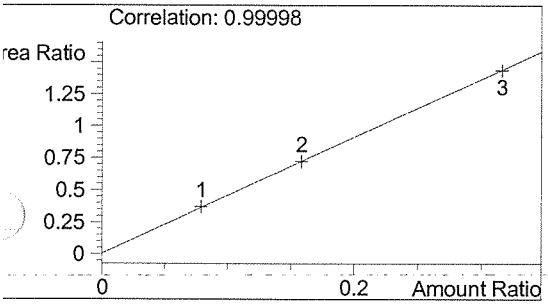
Blank
N Nuwayhid, PhD

vial # 31

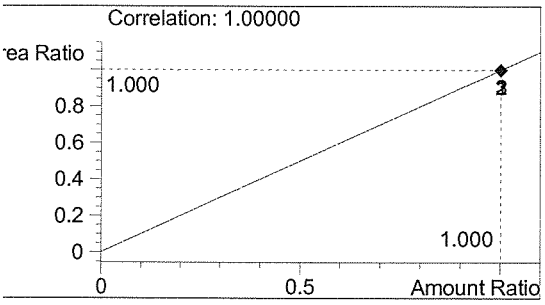


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3702	1.850

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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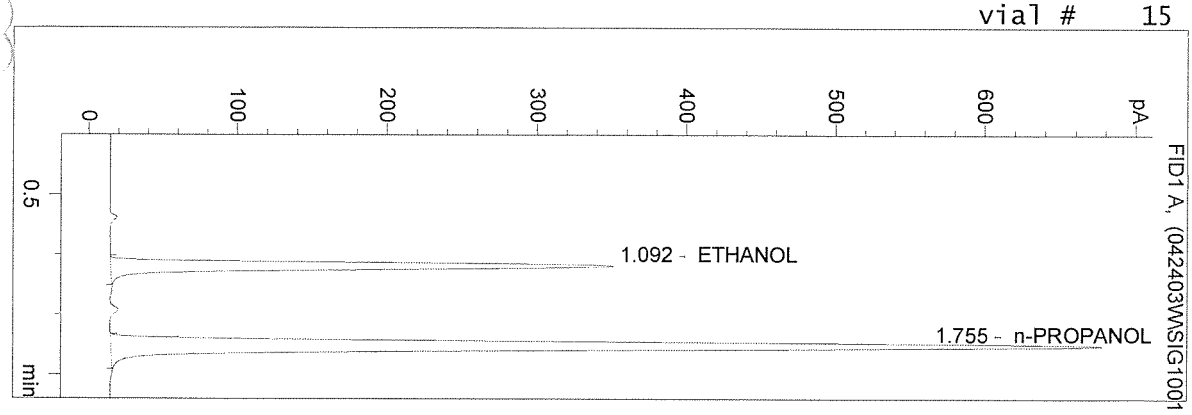
B-ALC1

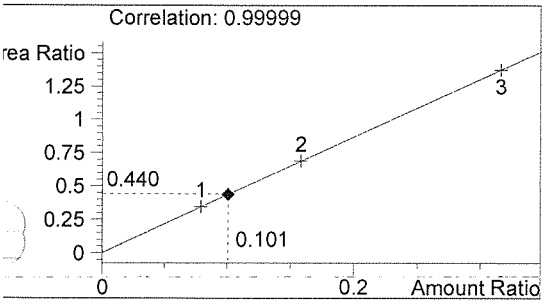
SIM 03009
WP MARSHALL

vial # 15

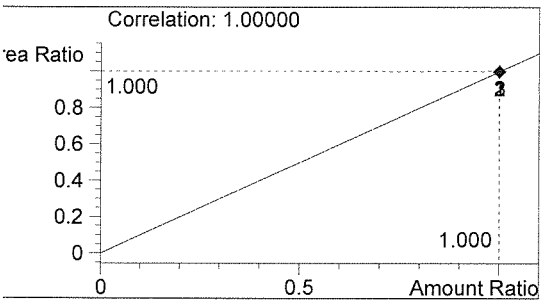


#	Compound	Area	RT
1	ETHANOL	1327	1.092
2	n-PROPANOL	3016	1.755

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

STDS
SIM 03008

WASHINGTON STATE TOXICOLOGY LABORATORY

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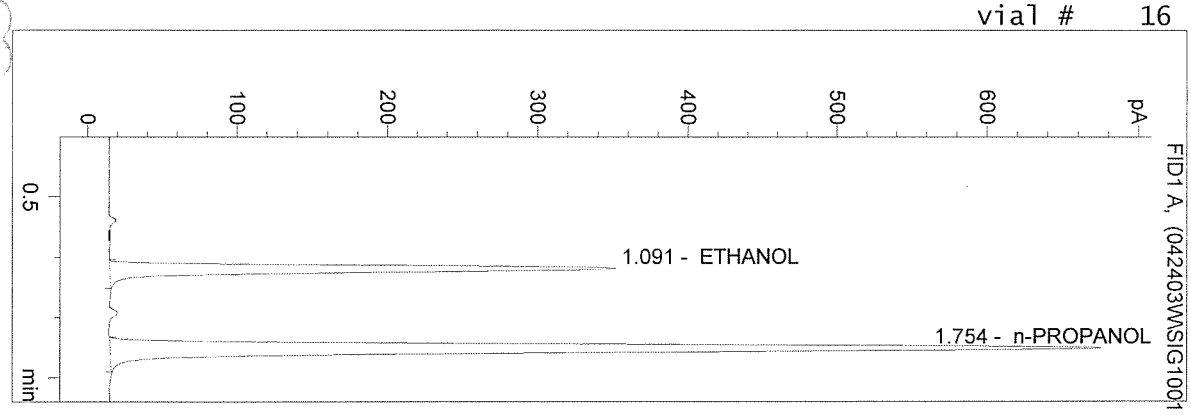
3-ALC1

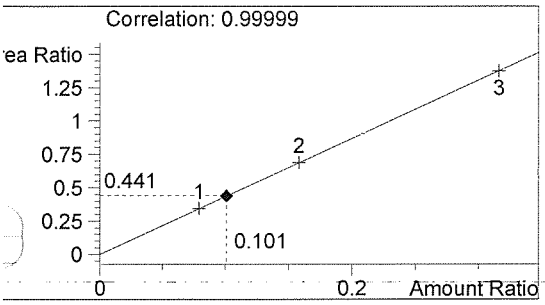
SIM 03009
WP MARSHALL

vial # 16

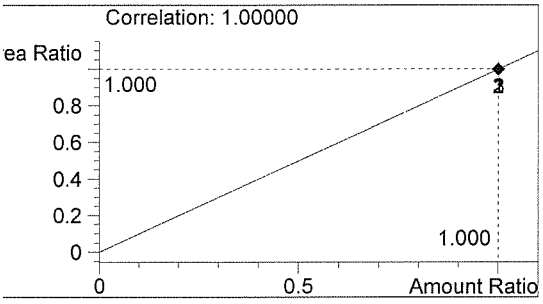


#	Compound	Area	RT
1	ETHANOL	1322	1.091
2	n-PROPANOL	2994	1.754

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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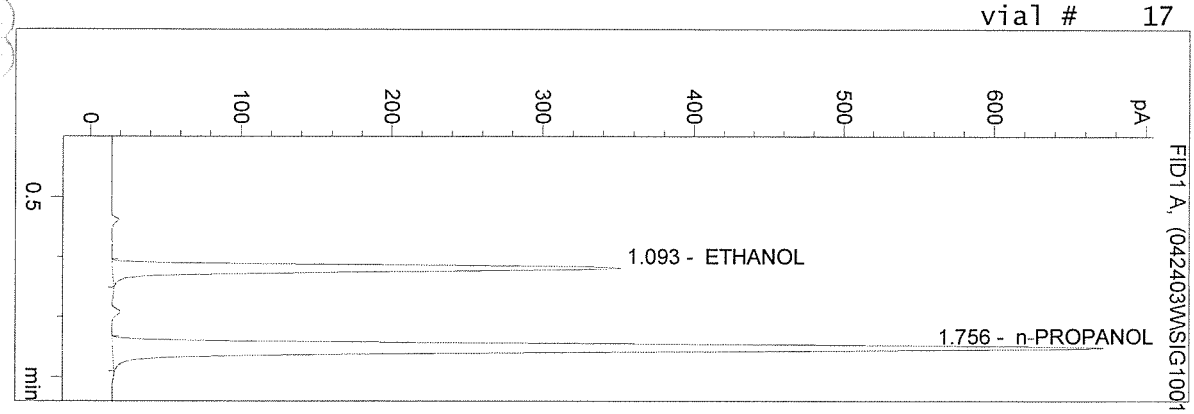
3-ALC1

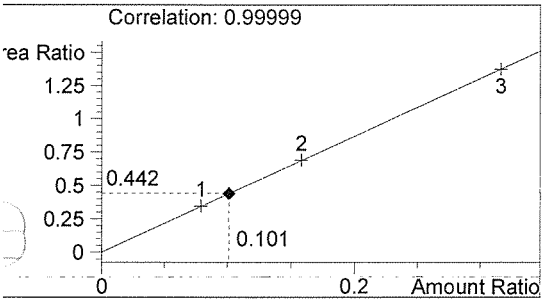
SIM 03009
WP MARSHALL

vial # 17

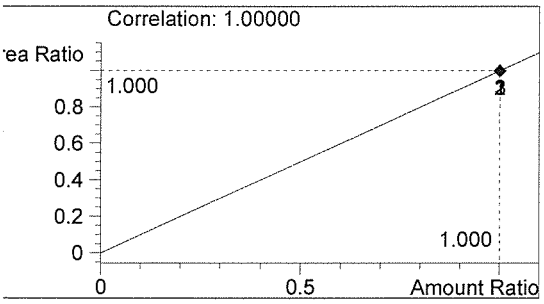


#	Compound	Area	RT
1	ETHANOL	1321	1.093
2	n-PROPANOL	2989	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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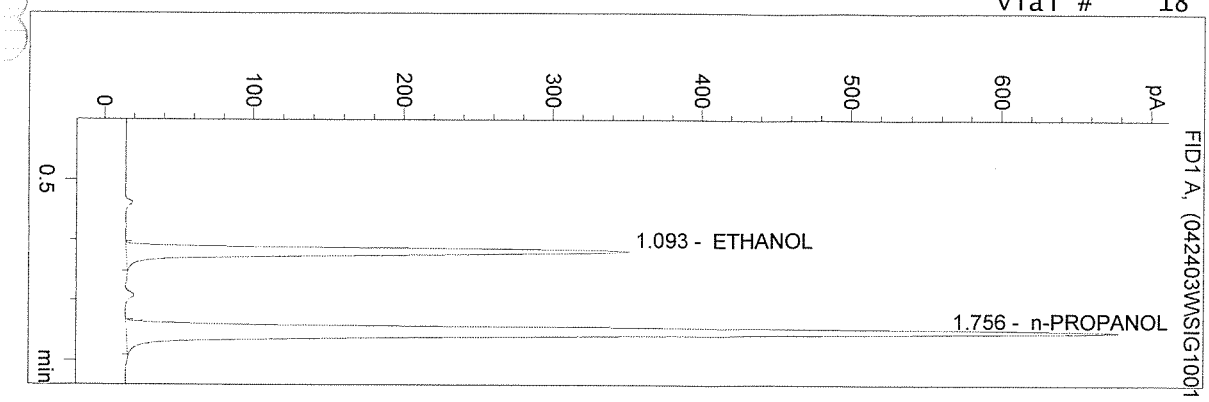
nstrument 3
B-ALC1

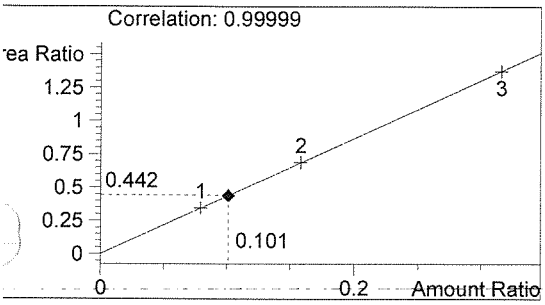
SIM 03009
WP MARSHALL

vial # 18

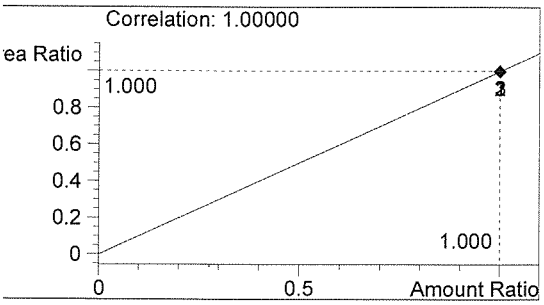


#	Compound	Area	RT
1	ETHANOL	1339	1.093
2	n-PROPANOL	3031	1.756

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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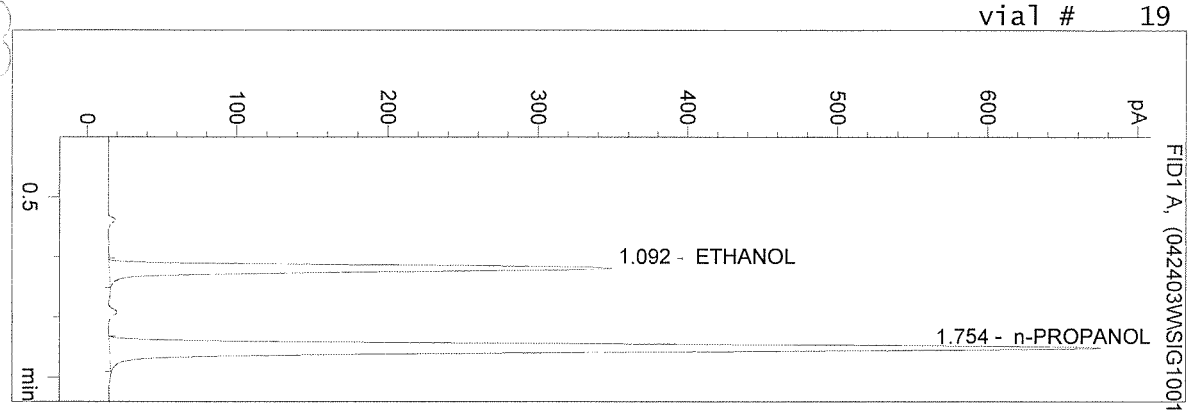
nstrument 3
3-ALC1

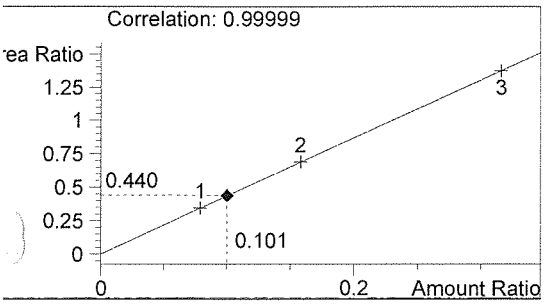
SIM 03009
WP MARSHALL

vial # 19

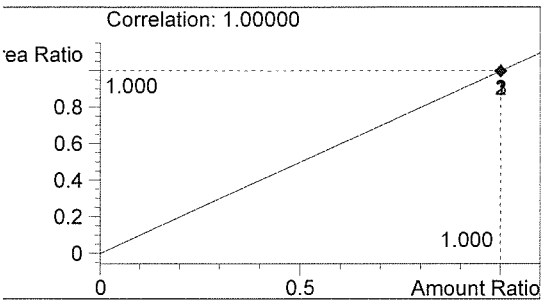


#	Compound	Area	RT
1	ETHANOL	1334	1.092
2	n-PROPANOL	3035	1.754

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

03009
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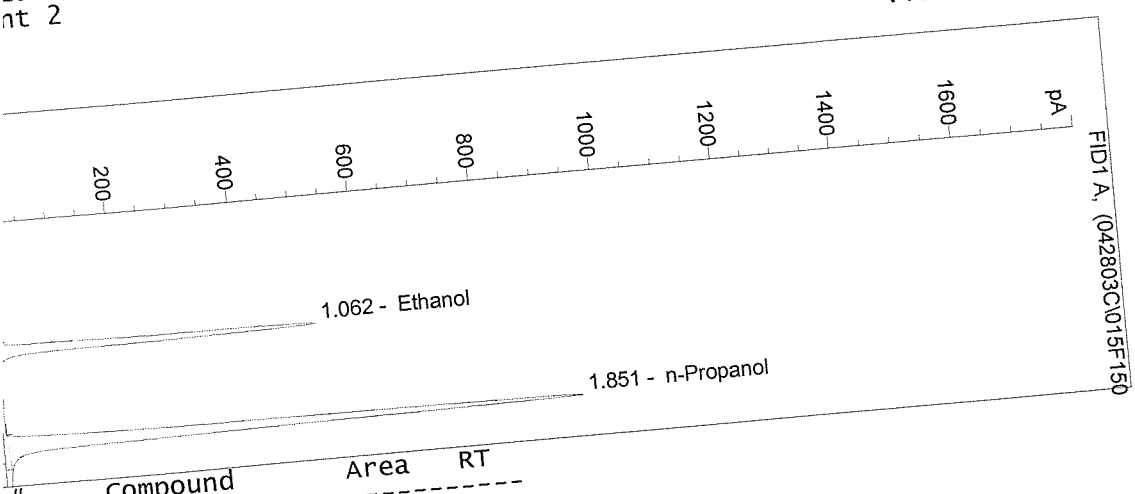
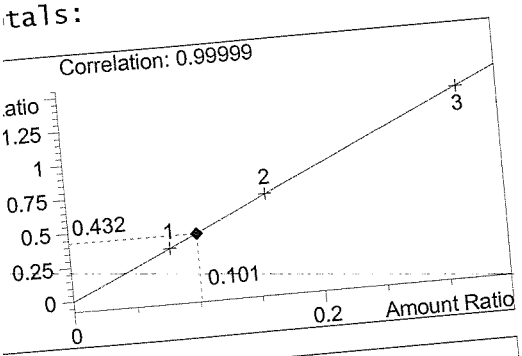
1\2\METHODS\BLDALCO2.M
10:02:31 AM
nt 2

vial # 15

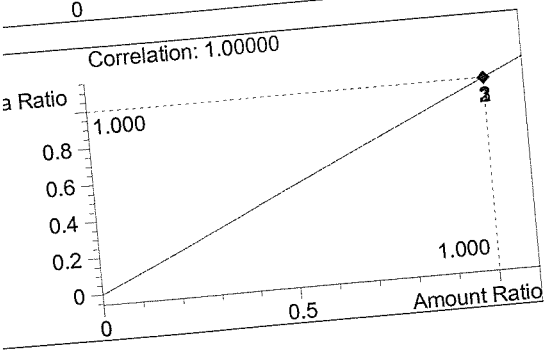


#	Compound	Area	RT
1	Ethanol	1669	1.062
2	n-Propanol	3868	1.851

tals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

03009
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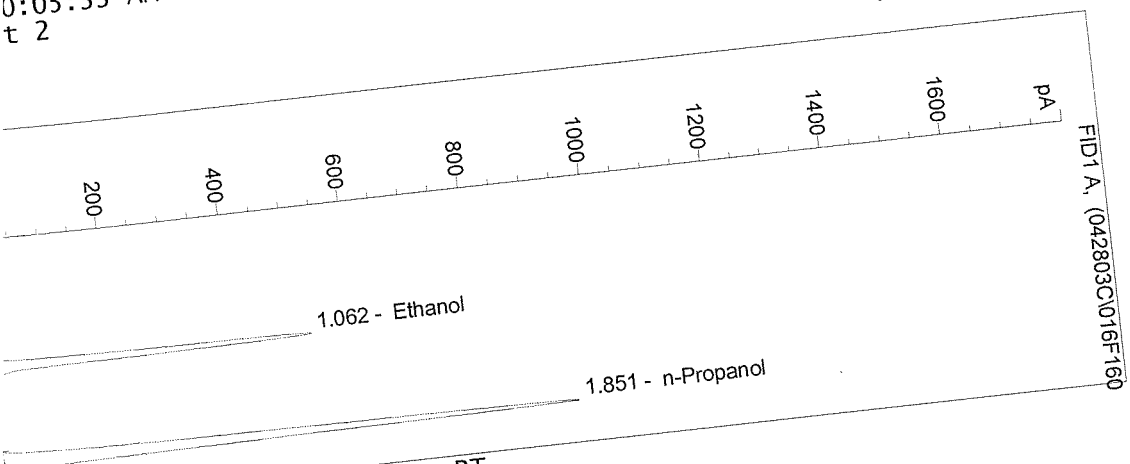
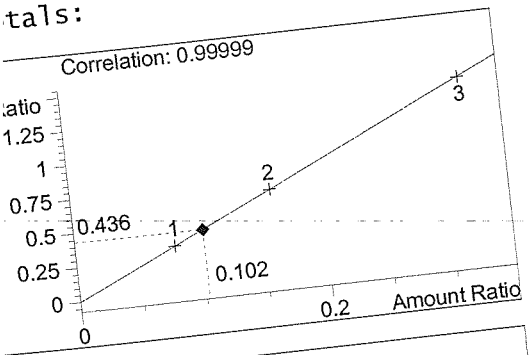
t 2

vial # 16

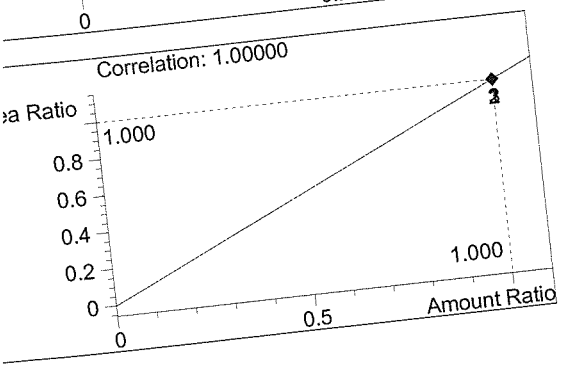


#	Compound	Area	RT
1	Ethanol	1702	1.062
2	n-Propanol	3900	1.851

tals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

03009
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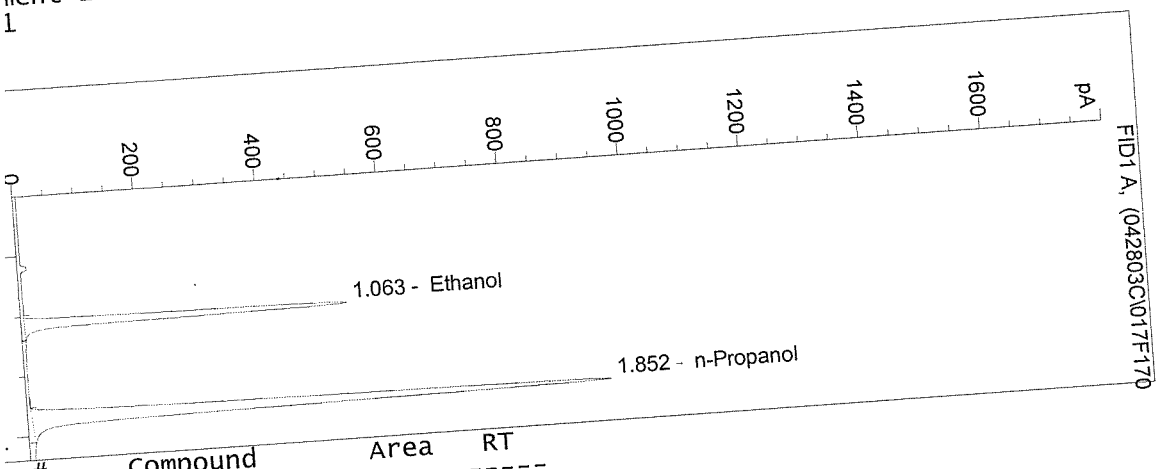
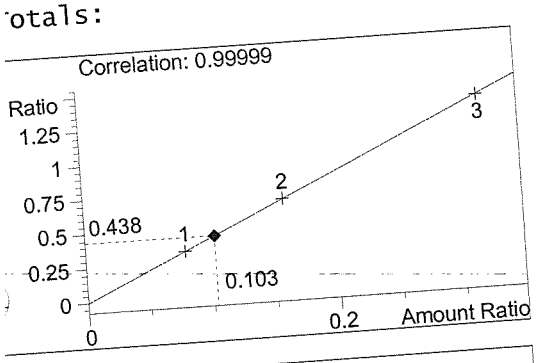
3 10:08:51 AM
ment 2
1

vial # 17

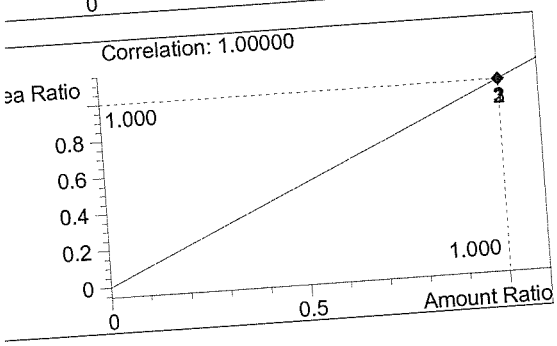


#	Compound	Area	RT
1	Ethanol	1720	1.063
2	n-Propanol	3927	1.852

totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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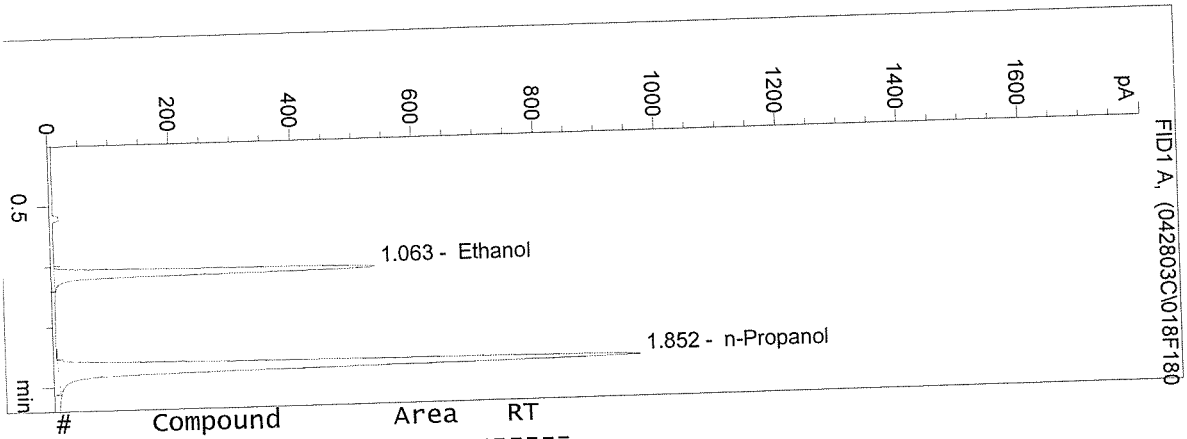
3/03 10:11:53 AM
:rument 2
ALC1

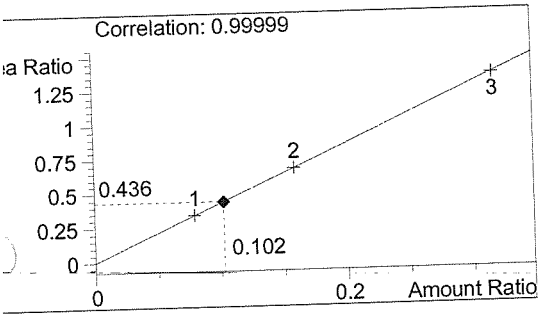
03009
ED FORMOSO

vial # 18

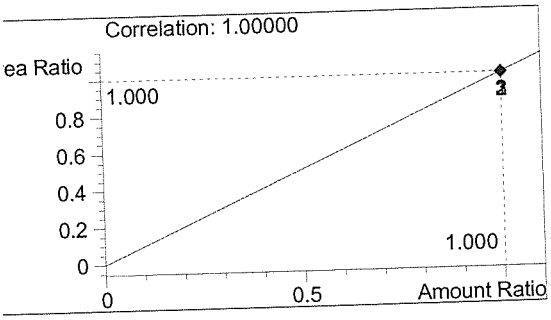


#	Compound	Area	RT
1	Ethanol	1724	1.063
2	n-Propanol	3953	1.852

Totals:



Ethanol 0.102 g/100ml



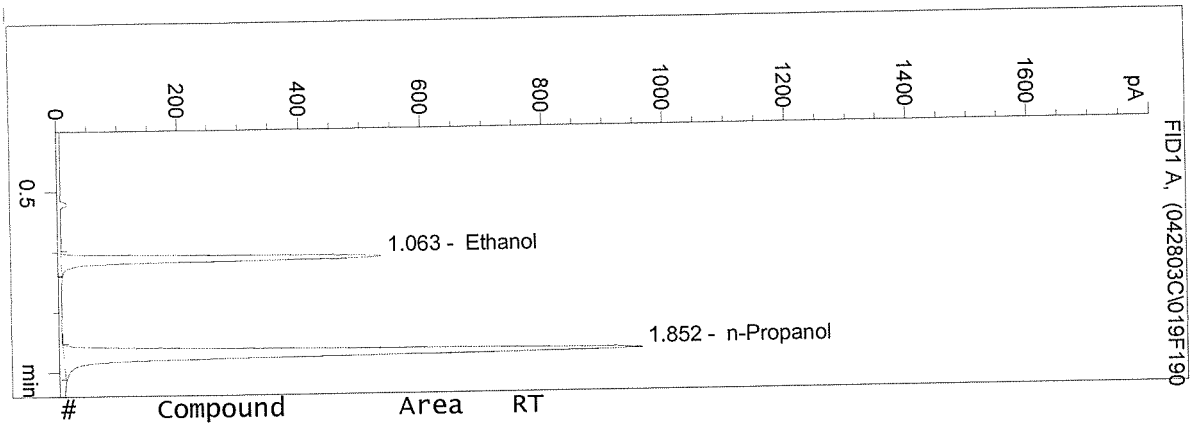
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

HPCHEM\2\METHODS\BLDALCO2.M
8/03 10:14:55 AM
trument 2
ALC1

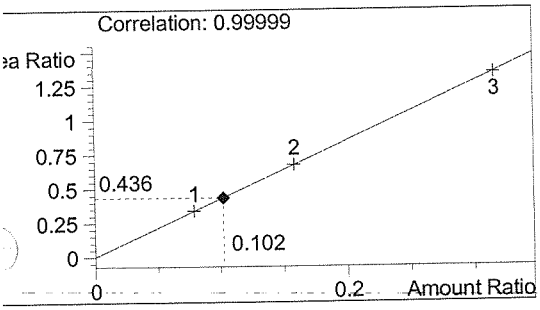
03009
ED FORMOSO

vial # 19

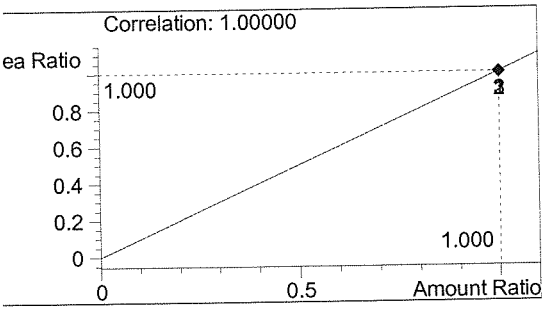


#	Compound	Area	RT
1	Ethanol	1711	1.063
2	n-Propanol	3920	1.852

Totals:



Ethanol 0.102 g/100ml



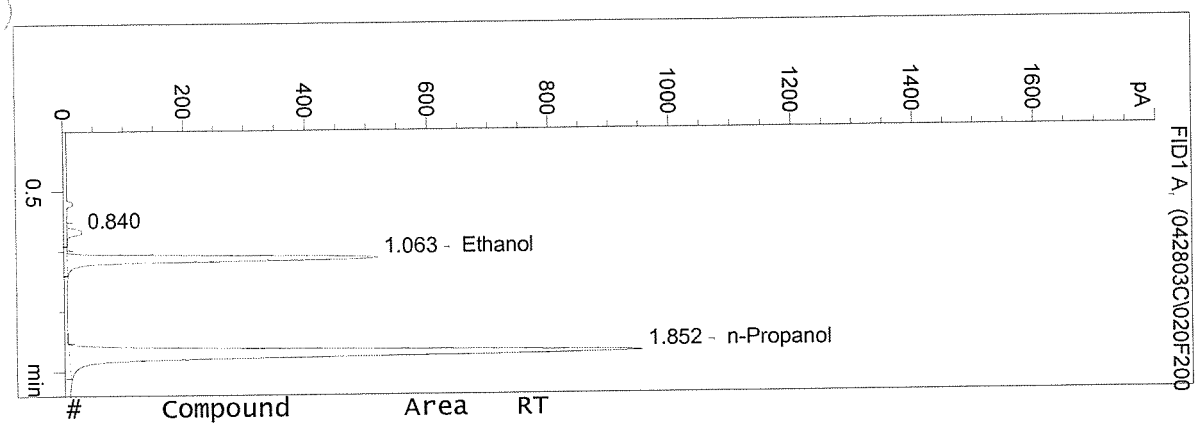
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
28/03 10:17:57 AM
strument 2
-ALC1

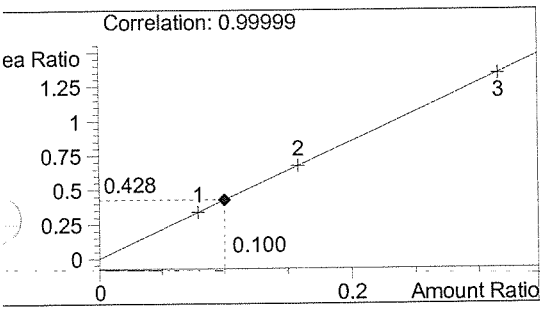
0.10 CONTROL
ED FORMOSO

vial # 20

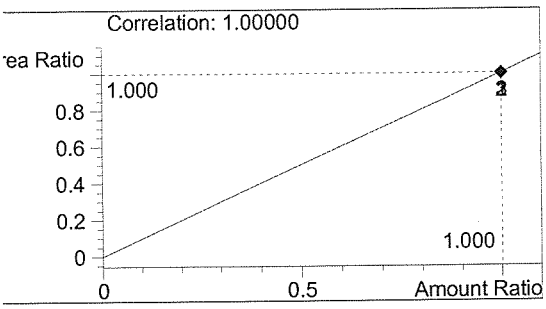


#	Compound	Area	RT
1		89	0.840
2	Ethanol	1660	1.063
3	n-Propanol	3880	1.852

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO.M
29/03 11:23:01 AM
strument 1
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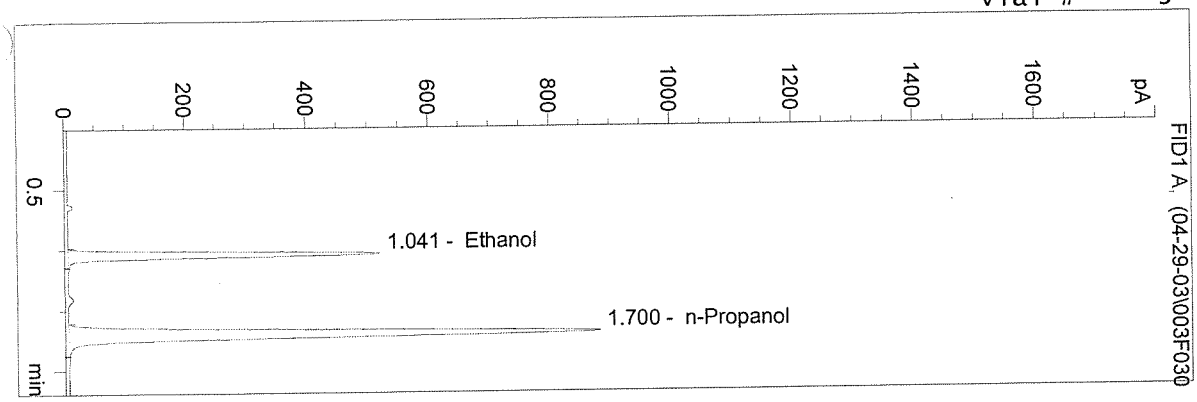
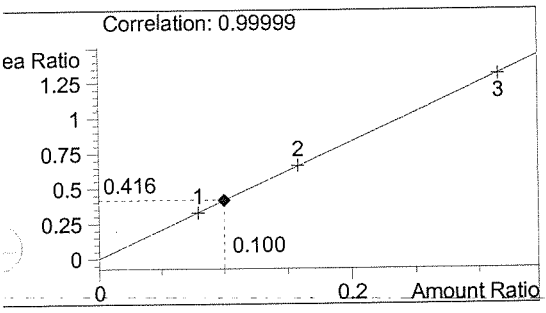
03009-1 SIM
ANN MARIE GORDON

vial # 3

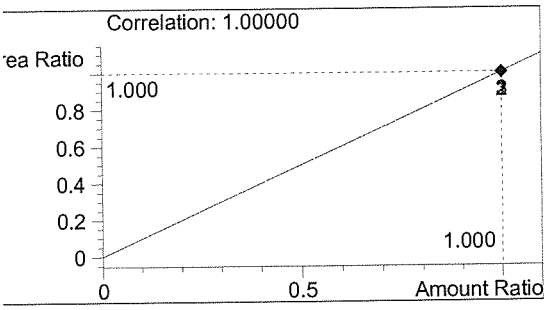


#	Compound	Area	RT
1	Ethanol	1528	1.041
2	n-Propanol	3675	1.700

Totals:



Ethanol 0.100 g/100ml



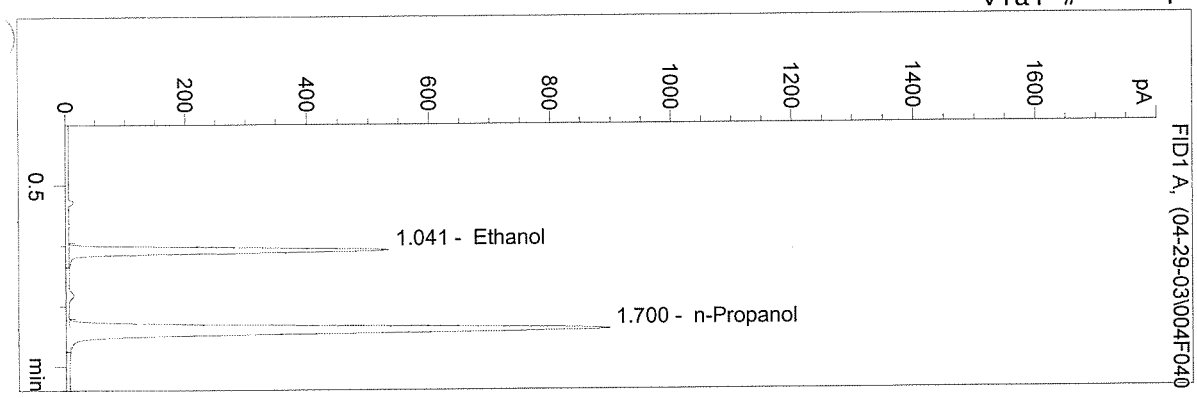
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO.M
29/03 11:26:03 AM
strument 1
-ALC1

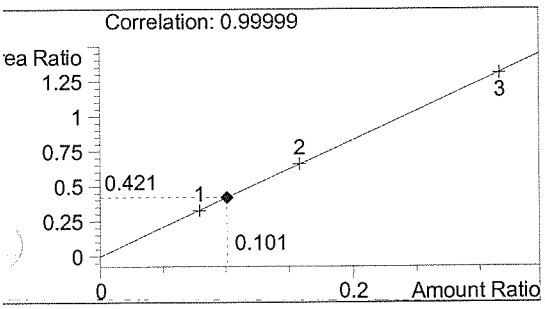
03009-2 SIM
ANN MARIE GORDON

vial # 4

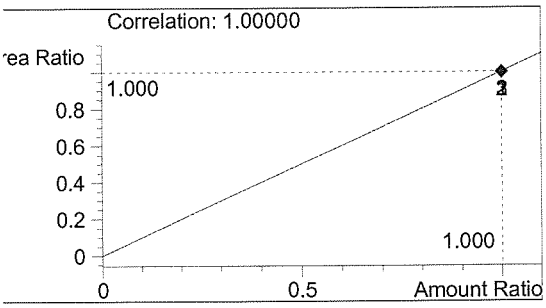


#	Compound	Area	RT
1	Ethanol	1570	1.041
2	n-Propanol	3733	1.700

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO.M
'29/03 11:29:28 AM
ıstrument 1
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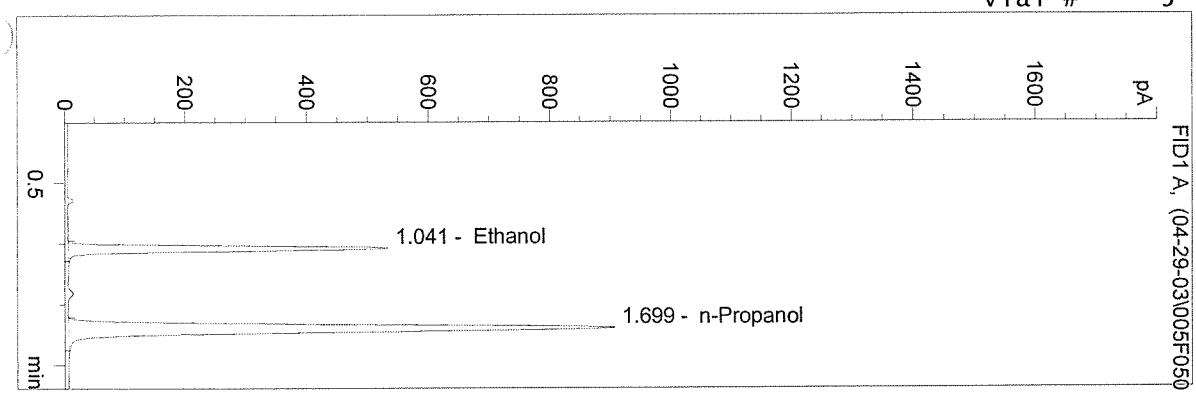
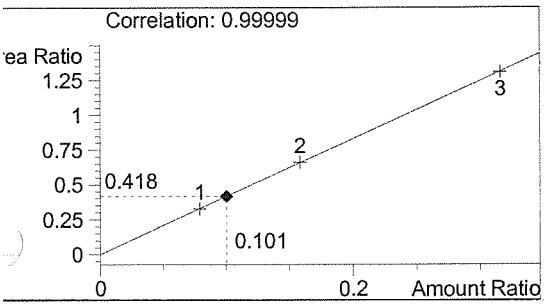
03009-3 SIM
ANN MARIE GORDON

vial # 5

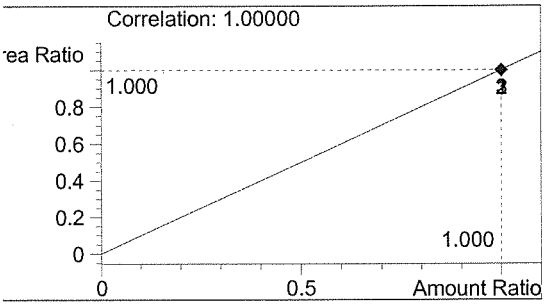


#	Compound	Area	RT
1	Ethanol	1582	1.041
2	n-Propanol	3787	1.699

Totals:



Ethanol 0.101 g/100ml



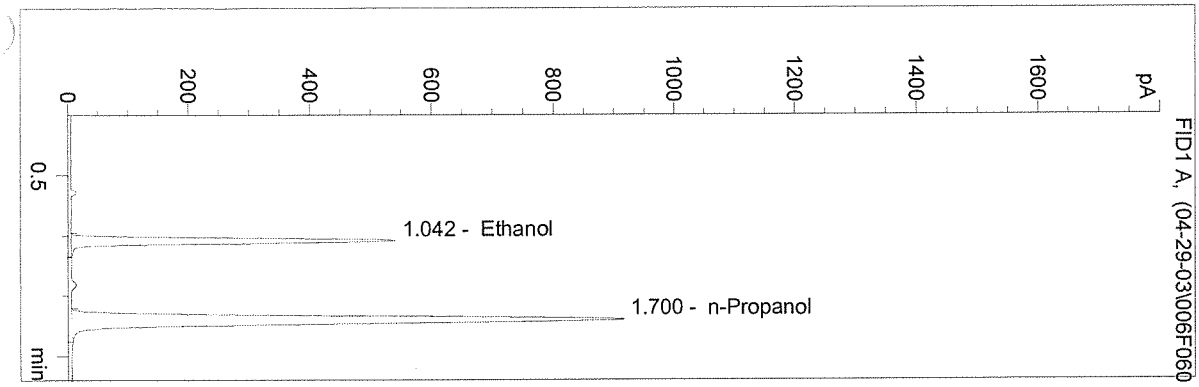
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO.M
'29/03 11:32:29 AM
ıstrument 1
ɜ-ALC1

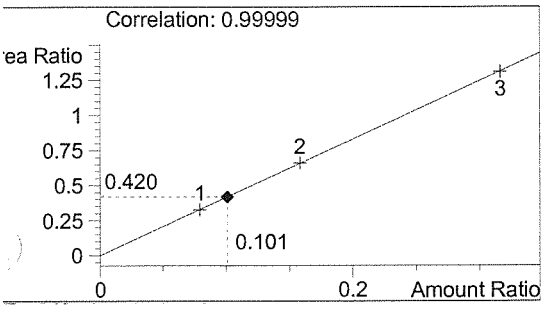
03009-4 SIM
ANN MARIE GORDON

vial # 6

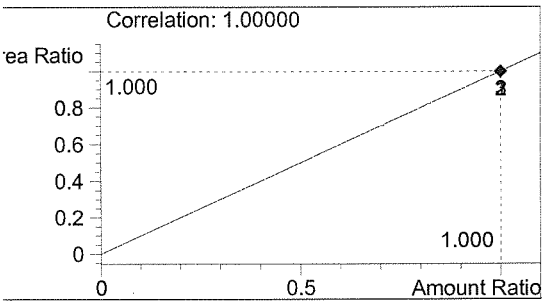


#	Compound	Area	RT
1	Ethanol	1608	1.042
2	n-Propanol	3830	1.700

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO.M
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ıstrument 1
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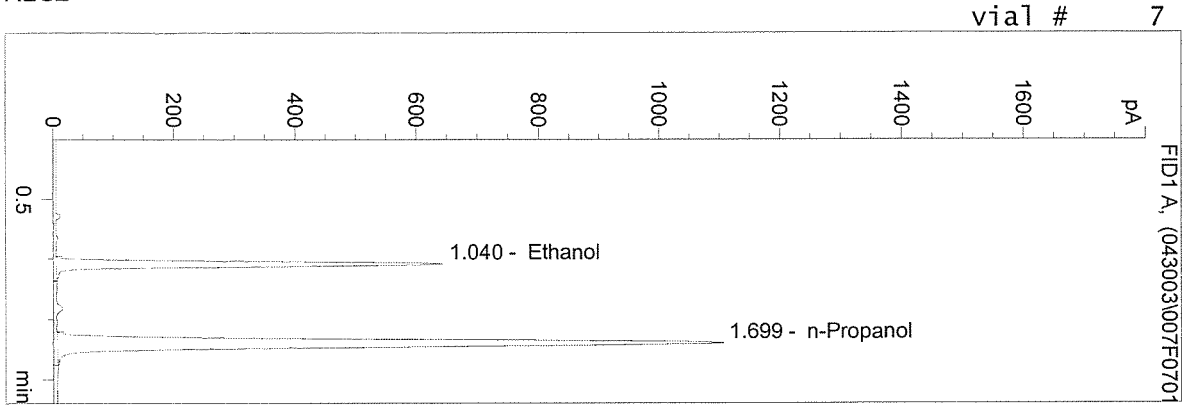
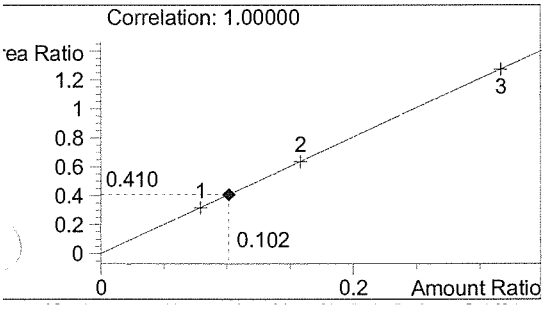
03009-5 SIM
ANN MARIE GORDON

vial # 7

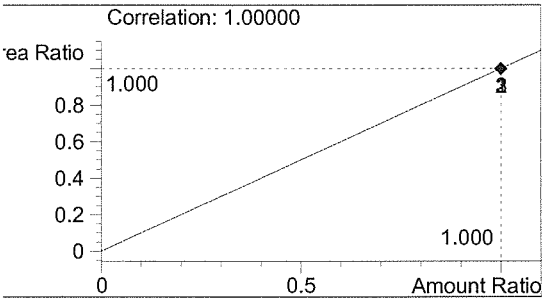


#	Compound	Area	RT
1	Ethanol	1883	1.040
2	n-Propanol	4596	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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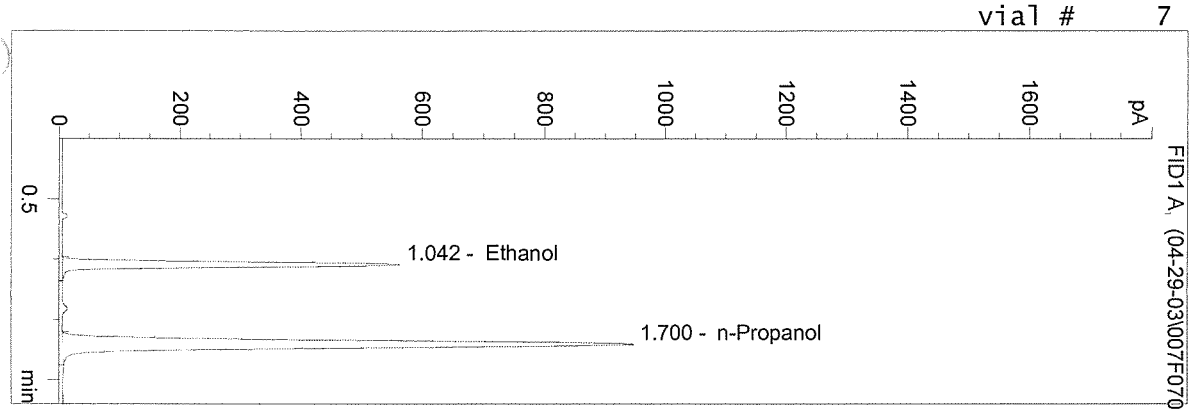
ıstrument 1
3-ALC1

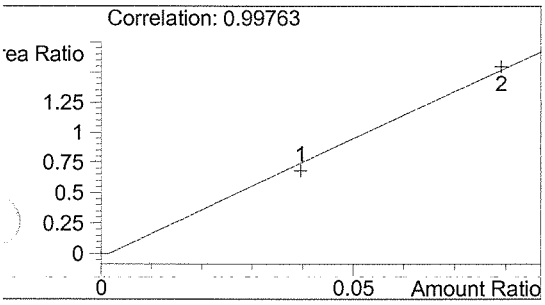
03009-5 SIM
ANN MARIE GORDON

vial # 7

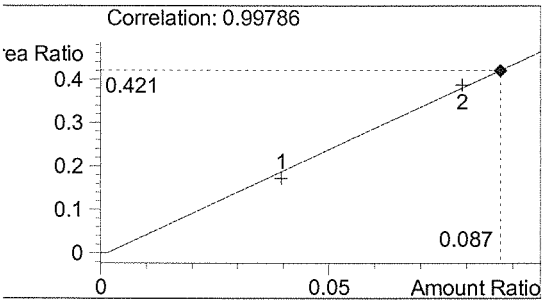


#	Compound	Area	RT
1	Acetaldehyde	0	0.000
2	Ethanol	1663	1.042
3	n-Propanol	3950	1.700

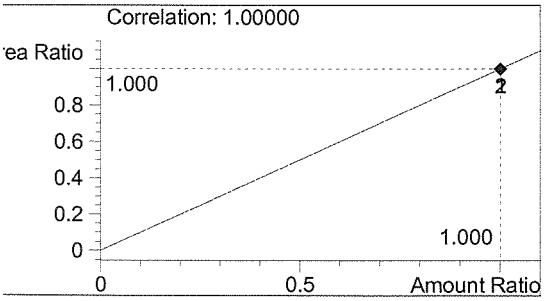
Totals:



Acetaldeh-> 0.000 g/100ml



Ethanol 0.087 g/100ml



n-Propanol 1.000 g/100ml

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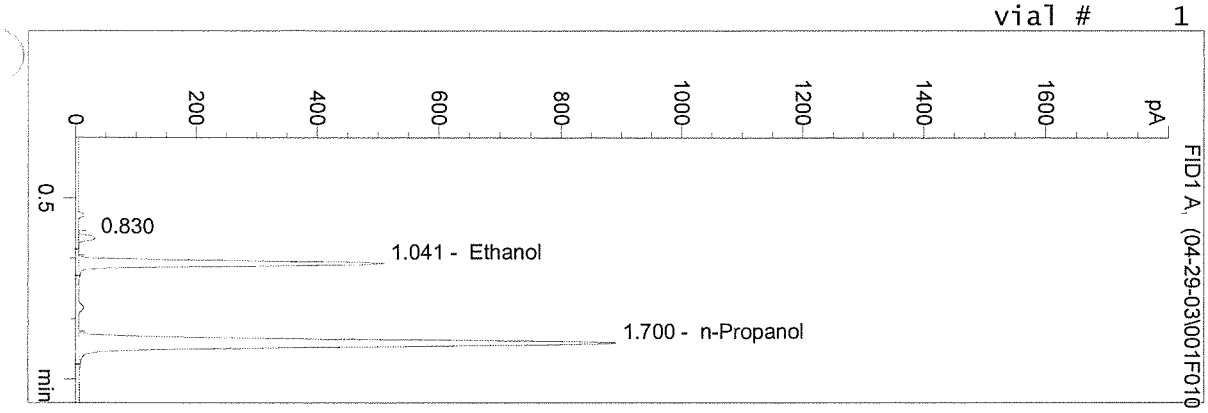
ıstrument 1
3-ALC1

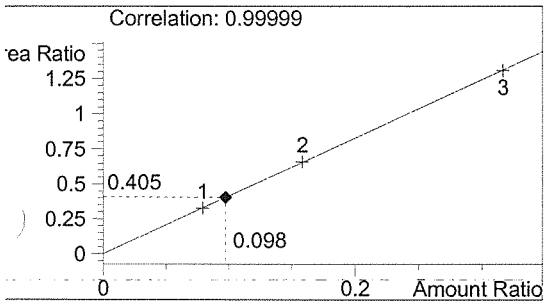
0.100 CTRL
ANN MARIE GORDON

vial # 1

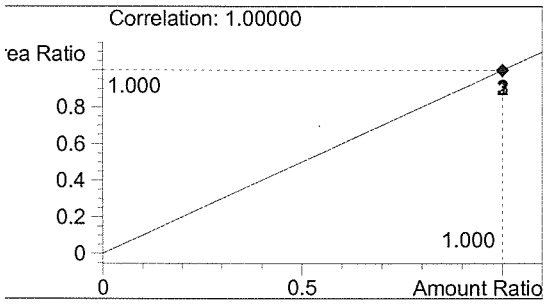


#	Compound	Area	RT
1		81	0.830
2	Ethanol	1504	1.041
3	n-Propanol	3713	1.700

Totals:



Ethanol 0.098 g/100ml

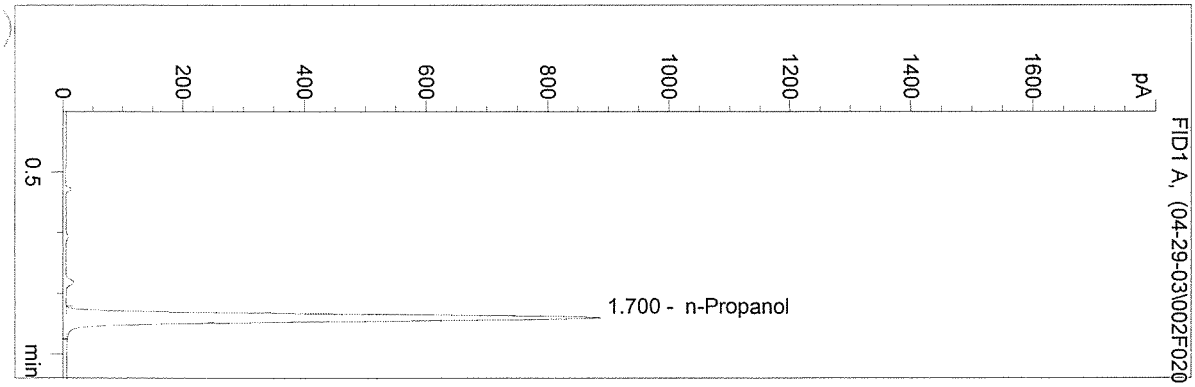


n-Propanol 1.000 g/100ml

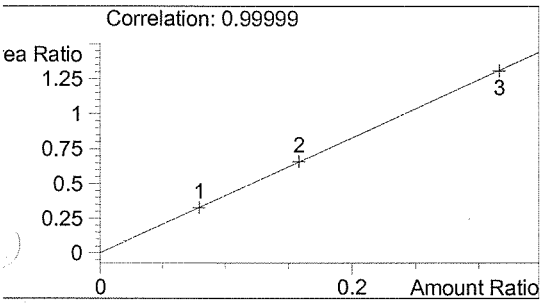
\HPCHEM\1\METHODS\BLDALCO.M
'29/03 11:19:59 AM
ıstrument 1
3-ALC1

BLANK
ANN MARIE GORDON

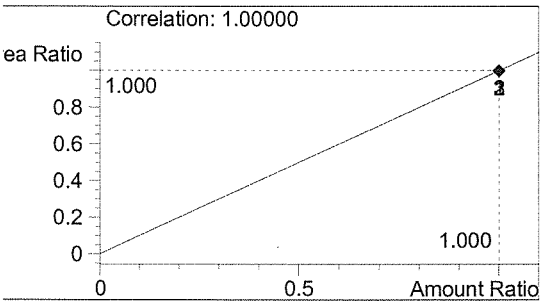
vial # 2



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3692	1.700
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	0.100 CTRL	BLDALCO	1	Ctrl Samp		
2	2	BLANK	BLDALCO	1	Ctrl Samp		
3	3	03009-1 SIM	BLDALCO	1	Sample		
4	4	03009-2 SIM	BLDALCO	1	Sample		
5	5	03009-3 SIM	BLDALCO	1	Sample		
6	6	03009-4 SIM	BLDALCO	1	Sample		
7	7	03009-5 SIM	ACETALD	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

Sequence Parameters:

Operator:	Dora Schranz
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\1\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	BLDALCO	1	Sample		
2	2	0.079 CAL	BLDALCO	1	Calib		
3	3	0.158 CAL	BLDALCO	1	Calib		
4	4	0.316 CAL	BLDALCO	1	Calib		
5	5	0.04 CONTROL	BLDALCO	1	Ctrl Samp		
6	6	0.2 CONTROL	BLDALCO	1	Ctrl Samp		
7	7	BLANK	BLDALCO	1	Sample		
8	8	03008 1	BLDALCO	1	Sample		
9	9	03008 2	BLDALCO	1	Sample		
10	10	03008 3	BLDALCO	1	Sample		
11	11	03008 4	BLDALCO	1	Sample		
12	12	03008 5	BLDALCO	1	Sample		
13	13	0.1 CONTROL	BLDALCO	1	Ctrl Samp		
14	14	03009 1	BLDALCO	1	Sample		
15	15	03009 2	BLDALCO	1	Sample		
16	16	03009 3	BLDALCO	1	Sample		
17	17	03009 4	BLDALCO	1	Sample		
18	18	03009 5	BLDALCO	1	Sample		
19	19	0.1 CONTROL	BLDALCO	1	Ctrl Samp		
20	20	BLANK	BLDALCO	1	Sample		

Calibration Part:

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

Quantification Part:

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	1	BLANK				
2	2	0.079 CAL				
3	3	0.158 CAL				
4	4	0.316 CAL				
5	5	0.04 CONTROL				
6	6	0.2 CONTROL				
7	7	BLANK				
8	8	03008 1				
9	9	03008 2				

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
10	10	03008 3				
11	11	03008 4				
12	12	03008 5				
13	13	0.1 CONTROL				
14	14	03009 1				
15	15	03009 2				
16	16	03009 3				
17	17	03009 4				
18	18	03009 5				
19	19	0.1 CONTROL				
20	20	BLANK				

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:

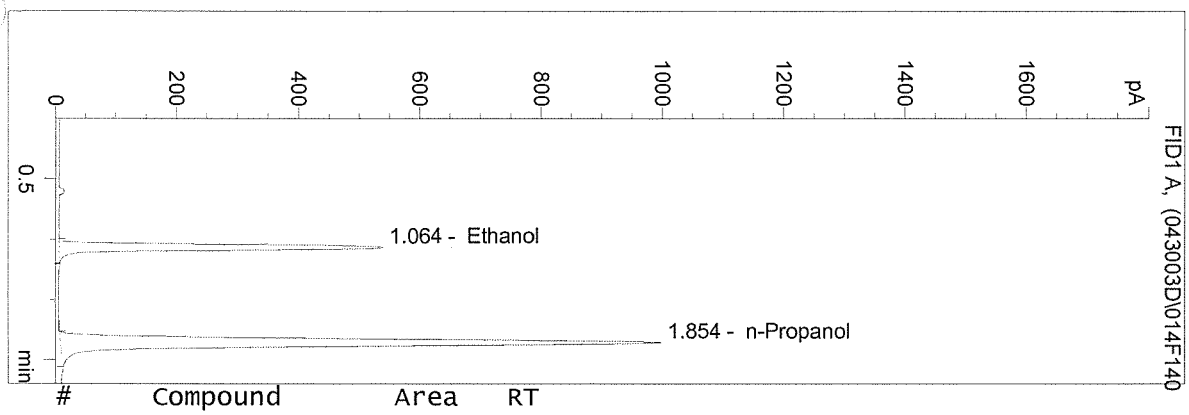
One page header:	No
Print Configuration:	No
Print Sequence:	No
Print Logbook:	No
Print Method(s):	No
Print Analysis reports:	No
Print Statistics for Calib. runs:	No
Print Statistics for Sample runs:	No
Summary style:	Sample Summary

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
'30/03 11:38:04 AM
ıstrument 2
3-ALC1

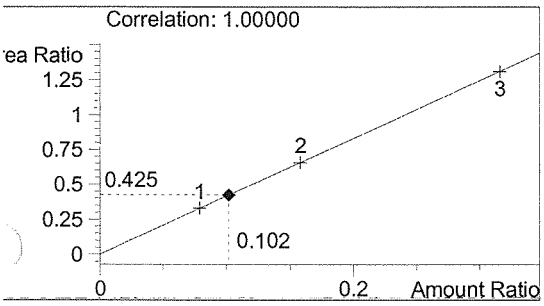
03009 1
DORA SCHRANZ

vial # 14

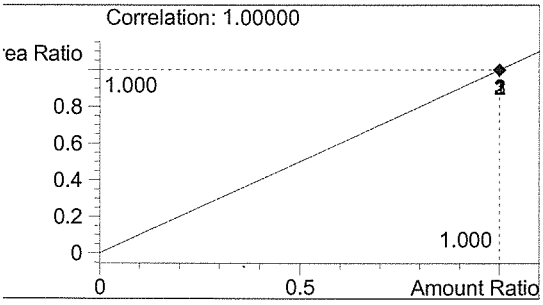


#	Compound	Area	RT
1	Ethanol	1733	1.064
2	n-Propanol	4082	1.854

Totals:



Ethanol 0.102 g/100ml



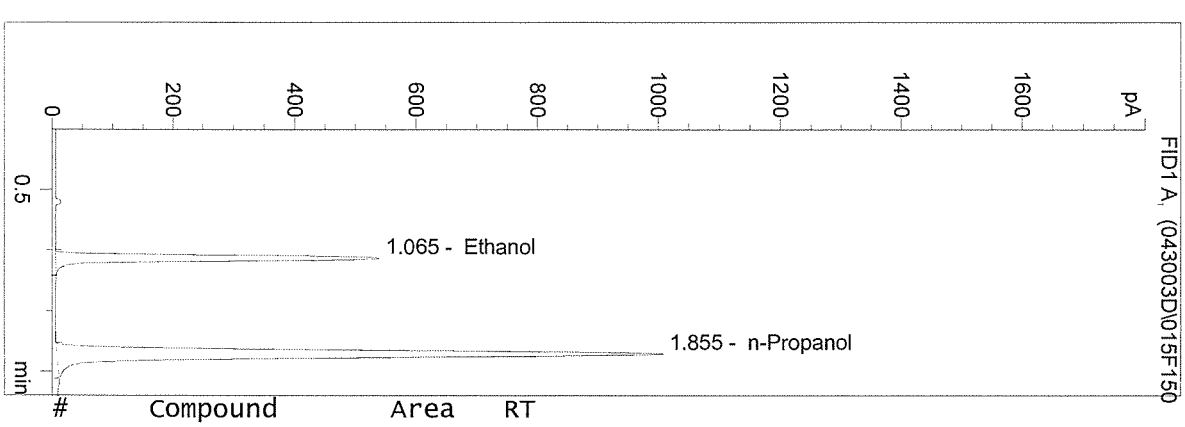
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
'30/03 11:41:06 AM
ıstrument 2
3-ALC1

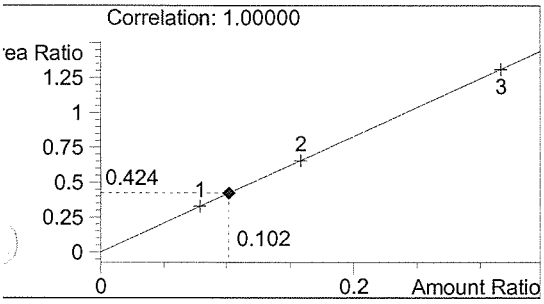
03009 2
DORA SCHRANZ

vial # 15

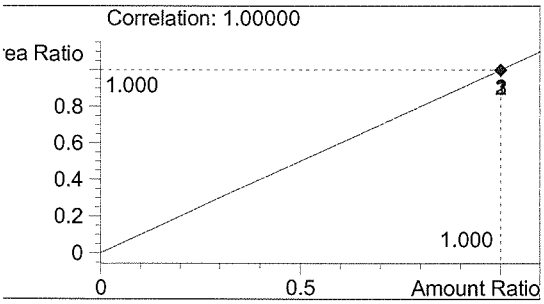


#	Compound	Area	RT
1	Ethanol	1754	1.065
2	n-Propanol	4131	1.855

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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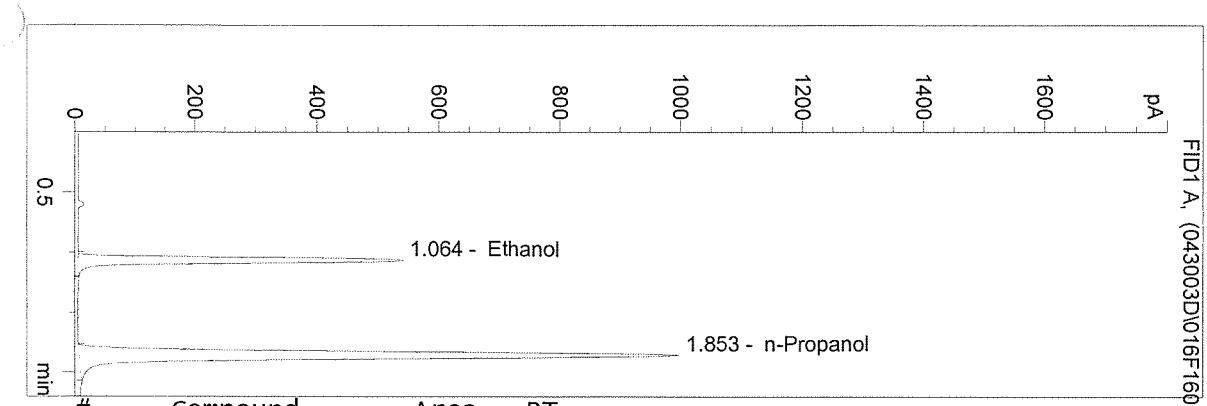
/30/03 11:44:08 AM
nstrument 2
3-ALC1

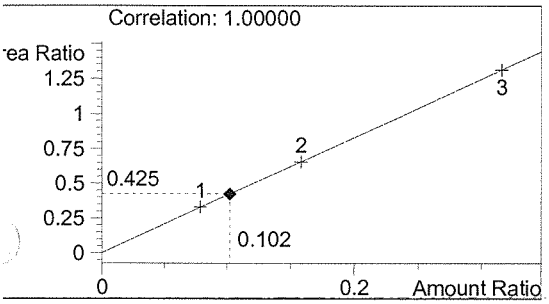
03009 3
DORA SCHRANZ

vial # 16

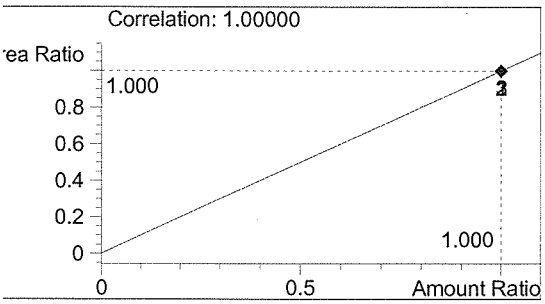


#	Compound	Area	RT
1	Ethanol	1740	1.064
2	n-Propanol	4094	1.853

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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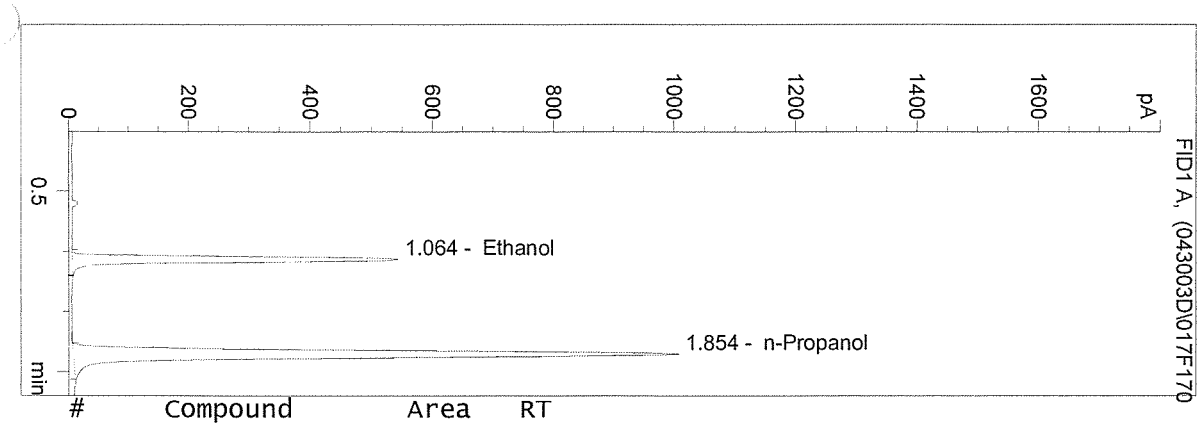
/30/03 11:47:20 AM
ıstrument 2
3-ALC1

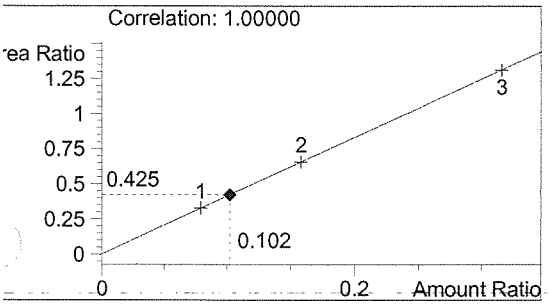
03009 4
DORA SCHRANZ

vial # 17

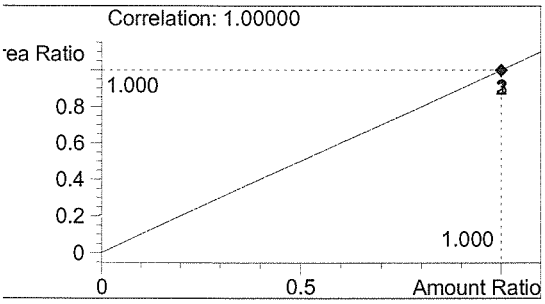


#	Compound	Area	RT
1	Ethanol	1755	1.064
2	n-Propanol	4129	1.854

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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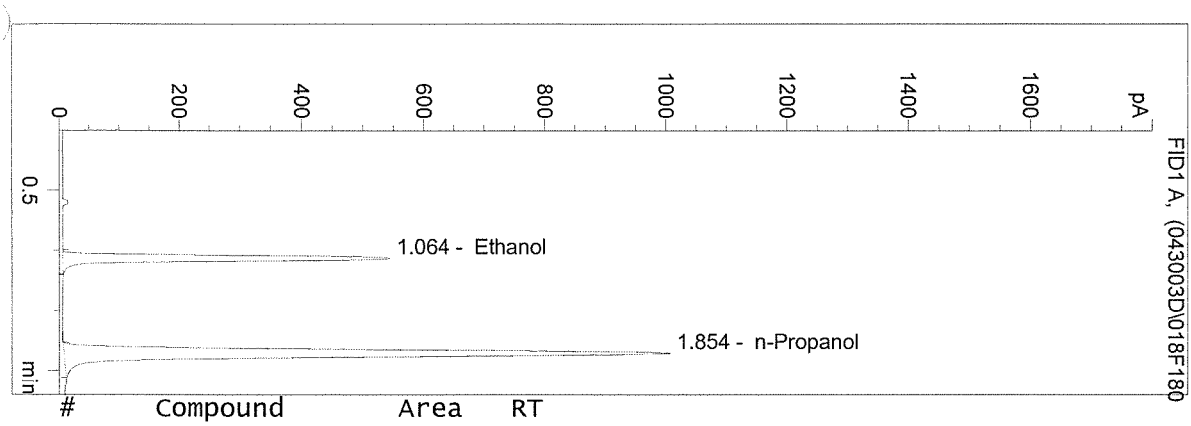
'30/03 11:50:21 AM
ıstrument 2
3-ALC1

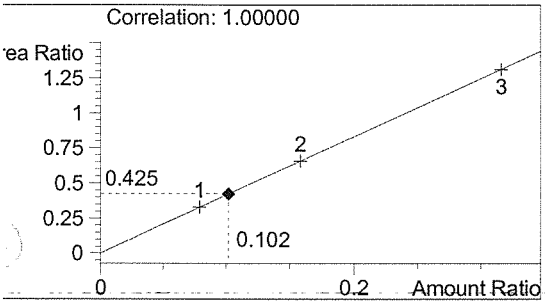
03009 5
DORA SCHRANZ

vial # 18

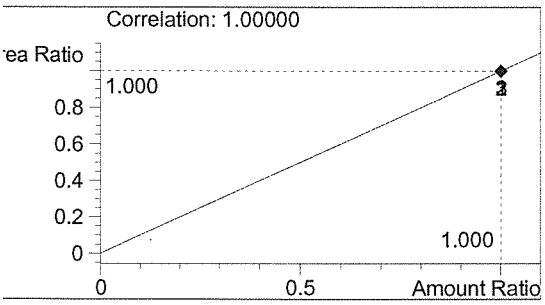


#	Compound	Area	RT
1	Ethanol	1748	1.064
2	n-Propanol	4118	1.854

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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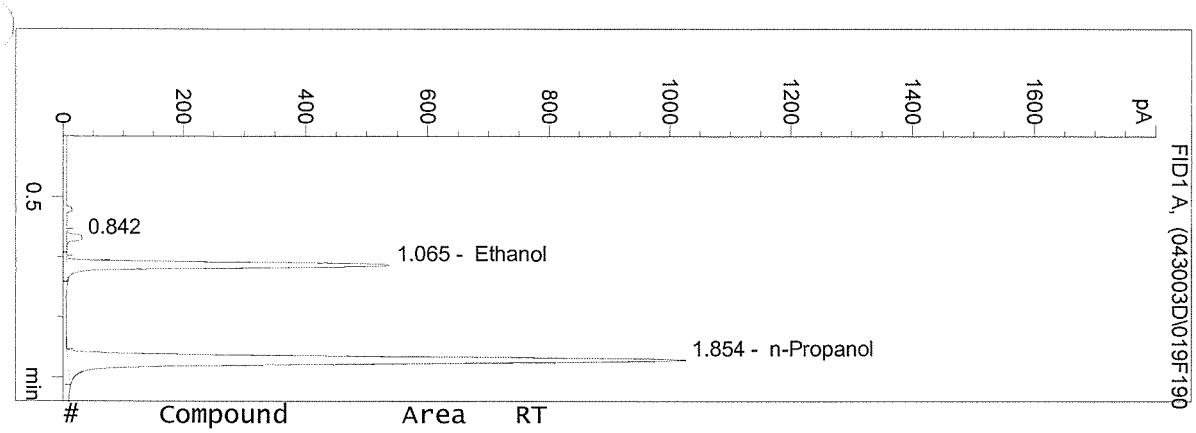
/30/03 11:53:23 AM
nstrument 2
3-ALC1

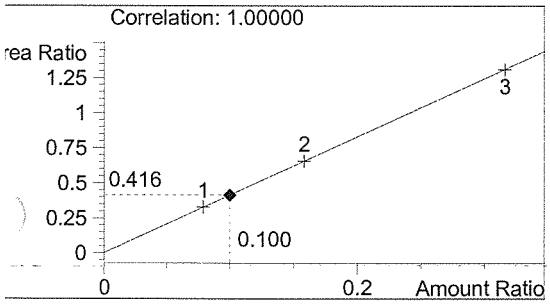
0.1 CONTROL
DORA SCHRANZ

vial # 19

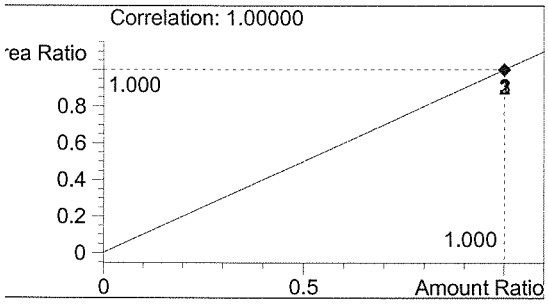


#	Compound	Area	RT
1		94	0.842
2	Ethanol	1755	1.065
3	n-Propanol	4219	1.854

Totals:



Ethanol 0.100 g/100ml



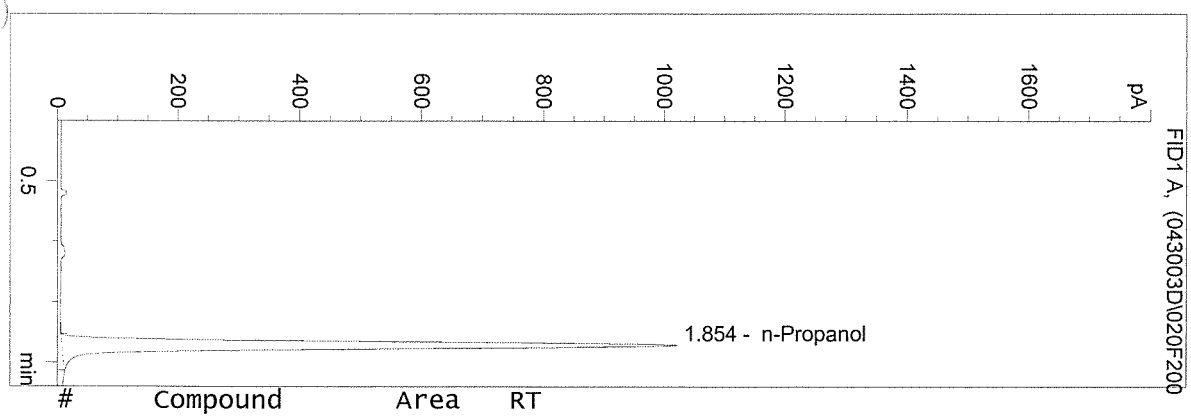
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/30/03 11:56:25 AM
nstrument 2
3-ALC1

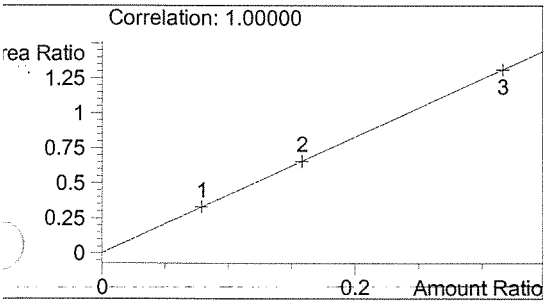
BLANK
DORA SCHRANZ

vial # 20

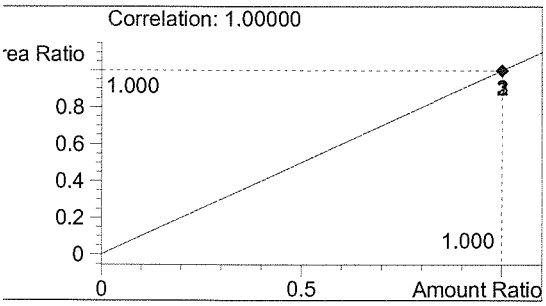


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4190	1.854

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml