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

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

Batch number **04025** Date: 8/9/2004

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

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.105	0.101	0.099	0.102	0.103	0.102	0.101	0.098	0.100	0.101	0.099	
2	0.101	0.101	0.098	0.102	0.101	0.102	0.102	0.099	0.100	0.100	0.100	
3	0.100	0.100	0.099	0.102	0.103	0.102	0.103	0.099	0.100	0.102	0.100	
4	0.100	0.100	0.102	0.102	0.102	0.103	0.102	0.098	0.101	0.101	0.098	
5	0.101	0.102	0.100	0.102	0.102	0.103	0.103	0.099	0.101	0.100	0.101	
Ctrl	0.100	0.100	0.098	0.100	0.099	0.100	0.099	0.097	0.100	0.099	0.099	

External Control:

Lot #: A028603 Exp date: 12/07

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1009 g/100 mL

SD: 0.00154

Range (3xSD): 0.0963 to 0.1055

Precision CV (%): 1.5241 %

Equivalent vapor concent.: 0.0820 g/210L

Analyst	Name	Signature	Date
1	Naziha Nuwayhid, PhD		08/31/2004
2	Edward Formoso		09/07/2004
3	Ann Marie Gordon		09/07/2004
4	Mary E Wilson		09/07/2004
5	William P Marshall		08/31/2004
6	Kari Gruendell		08/31/2004
7	Asa Louis		08/30/2004
8	Jayne E. Clarkson		09/07/2004
9	Estuardo J. Miranda		08/30/2004
10	Brian Capron		09/02/2004
11	Melissa Pemberton		08/25/2004
12			

Prepared by: Naziha Nuwayhid, PhD according to the approved protocol

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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 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/bf
NNSIMSOL

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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 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/bf
MPSIMSOL

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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 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/bf
AJLSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/bf
EFSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/bf
AGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/bf
MEWSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/bf
WMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Kari D. Gruendell
Forensic Toxicologist

KDG/bf
KDGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Jayne E. Clarkson, 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 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Jayne E Clarkson

Jayne E. Clarkson
Forensic Toxicologist

JEC/bf
JCSIMSOL

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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 six years experience in Forensic Toxicology.

The simulator solution, Lot Number 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/bf
EMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 04025, was prepared in the Washington State Toxicology Laboratory on 8/9/04. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 8/9/05.

Dated: 9/24/04
Seattle, WA

Brian Capron
Forensic Toxicologist

BC/bf
BCSIMSOL

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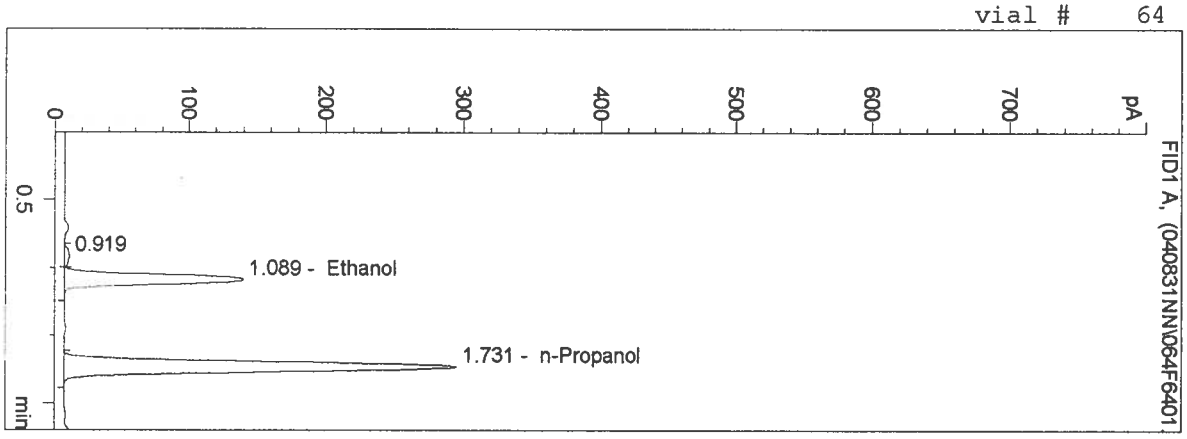
D:\HPCHEM\1\METHODS\BLDALCO.M
8/31/2004 3:18:14 PM
Instrument 4
DB-ALC1

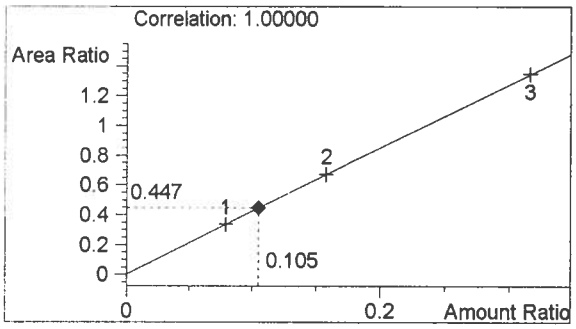
Sim 04025-1 Bottle
N Nuwayhid, PhD

vial # 64

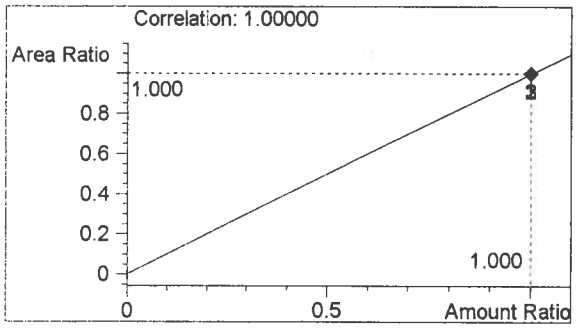


#	Compound	Area	RT
1		26	0.919
2	Ethanol	636	1.089
3	n-Propanol	1424	1.731

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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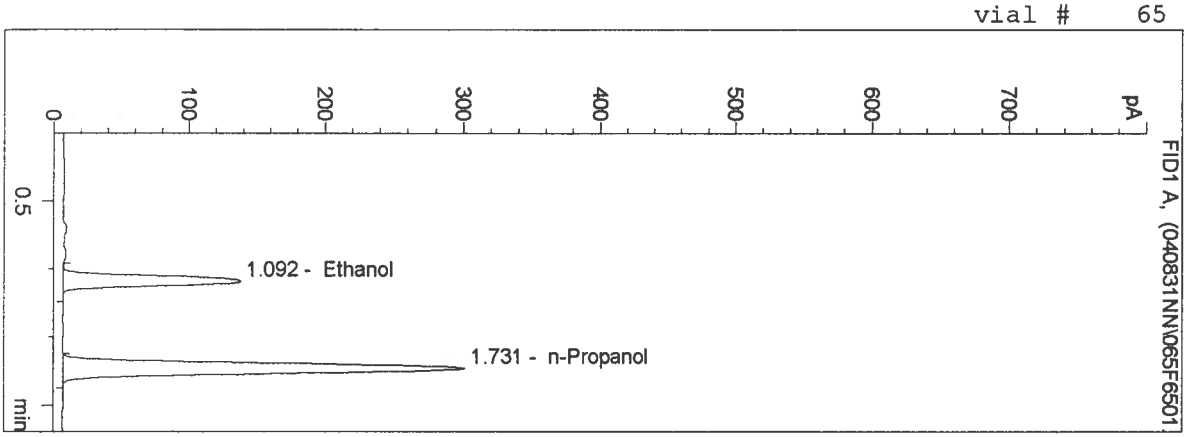
D:\HPCHEM\1\METHODS\BLDALCO.M
8/31/2004 3:21:19 PM
Instrument 4
DB-ALC1

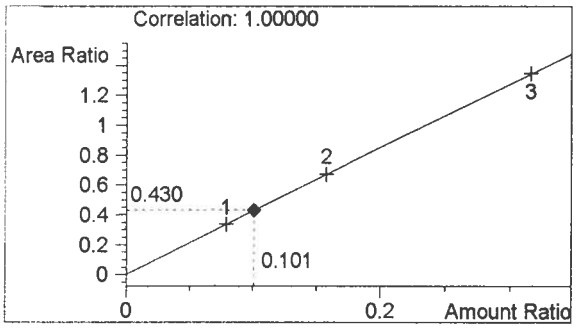
Sim 04025-2 bottle
N Nuwayhid, PhD

vial # 65

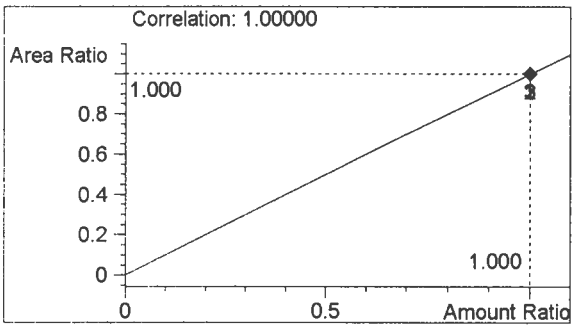


#	Compound	Area	RT
1	Ethanol	630	1.092
2	n-Propanol	1466	1.731

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

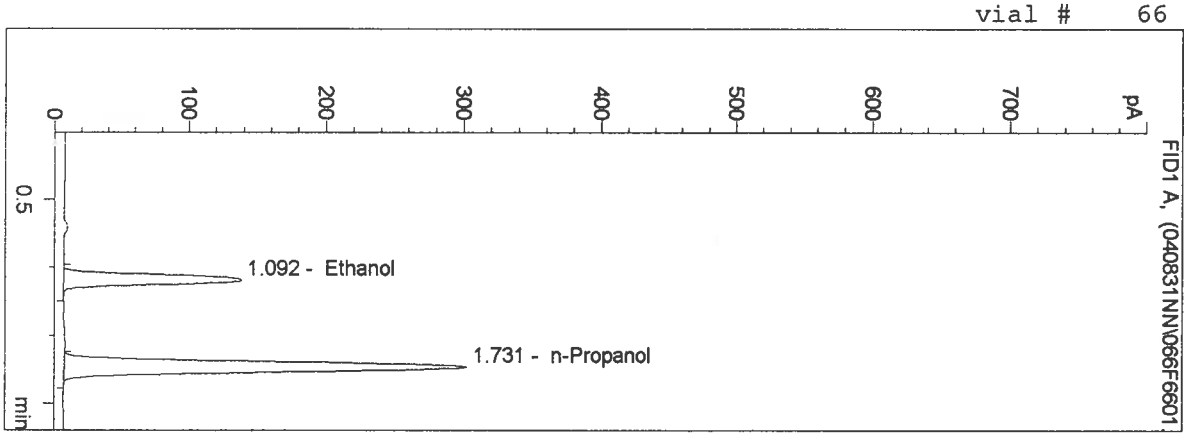
WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/31/2004 3:24:33 PM
Instrument 4
DB-ALC1

Sim 04025-3
N Nuwayhid, PhD

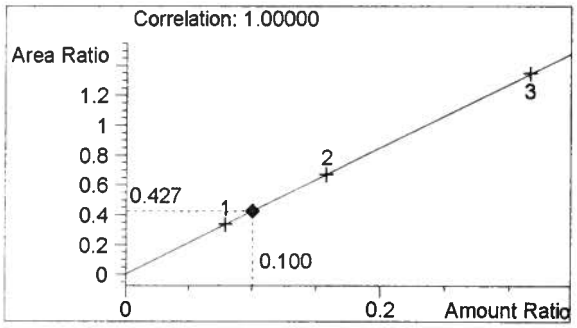
bottle

vial # 66

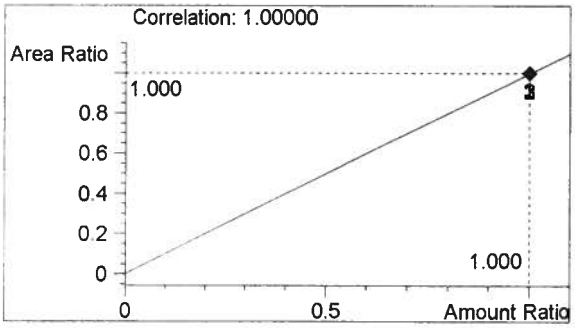


#	Compound	Area	RT
1	Ethanol	627	1.092
2	n-Propanol	1469	1.731

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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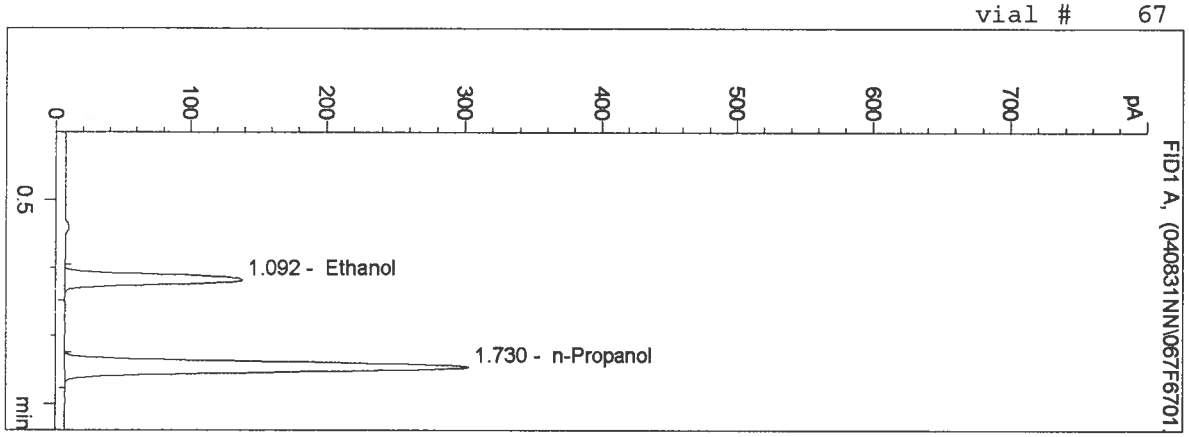
D:\HPCHEM\1\METHODS\BLDALCO.M
8/31/2004 3:27:38 PM
Instrument 4
DB-ALC1

Sim 04025-4
N Nuwayhid, PhD

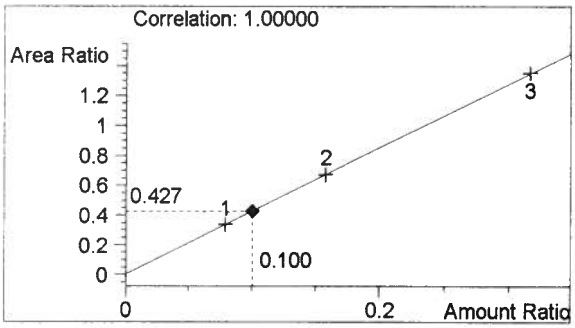
bottle

vial # 67

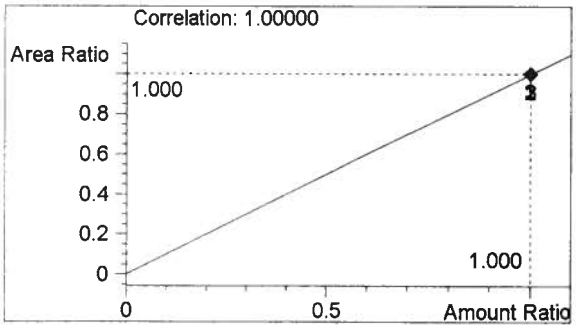


#	Compound	Area	RT
1	Ethanol	631	1.092
2	n-Propanol	1478	1.730

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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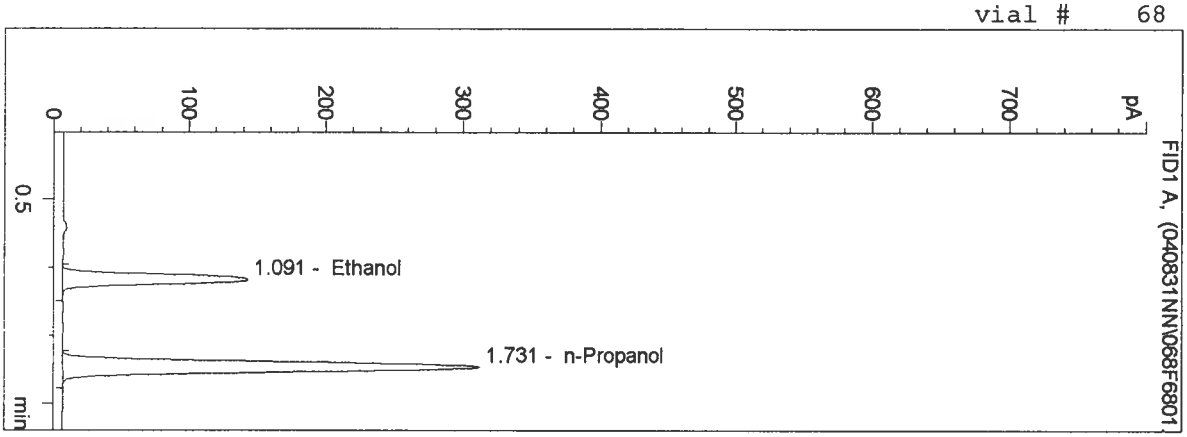
D:\HPCHEM\1\METHODS\BLDALCO.M
8/31/2004 3:30:52 PM
Instrument 4
DB-ALC1

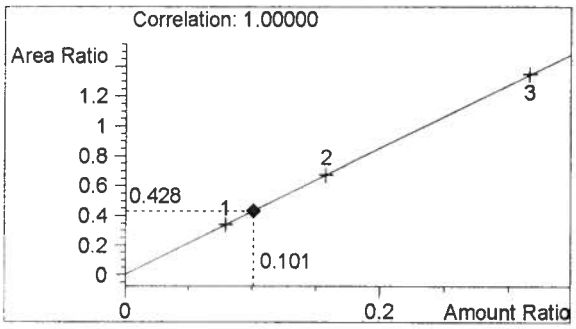
Sim 04025-5 kottle
N Nuwayhid, PhD

vial # 68

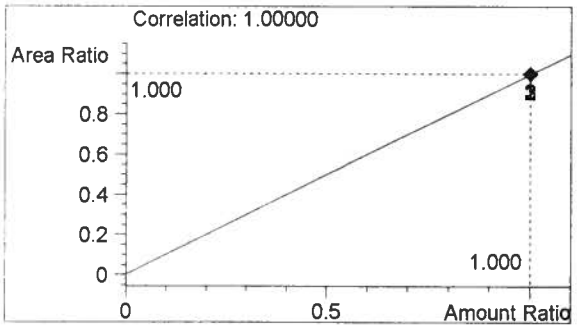


#	Compound	Area	RT
1	Ethanol	647	1.091
2	n-Propanol	1511	1.731

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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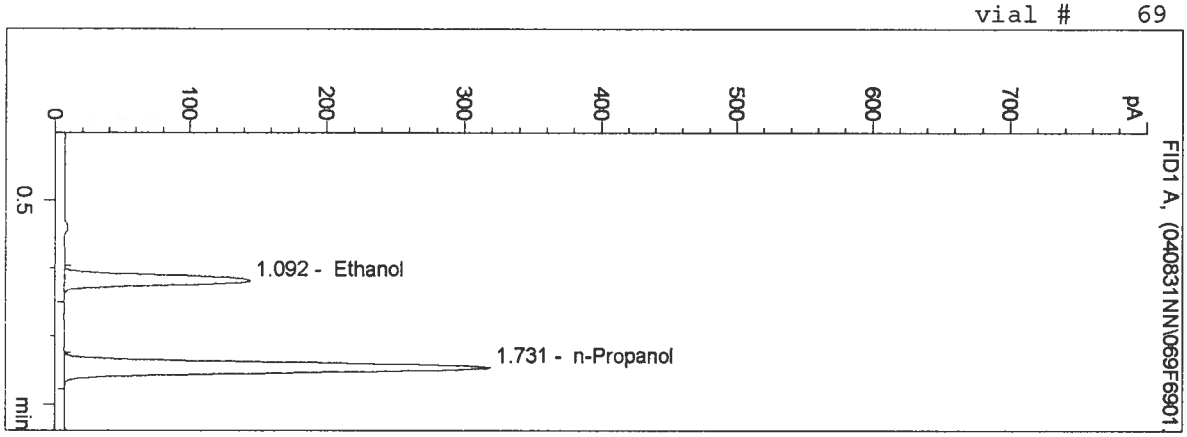
D:\HPCHEM\1\METHODS\BLDALCO.M
8/31/2004 3:34:04 PM
Instrument 4
DB-ALC1

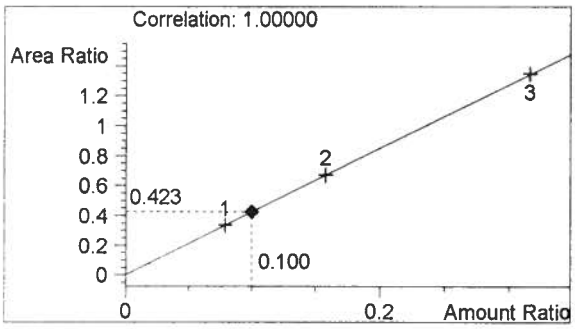
0.10 Ctrl-NN
N Nuwayhid, PhD

vial # 69

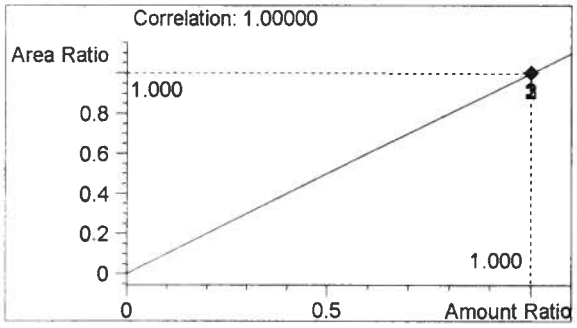


#	Compound	Area	RT
1	Ethanol	660	1.092
2	n-Propanol	1558	1.731

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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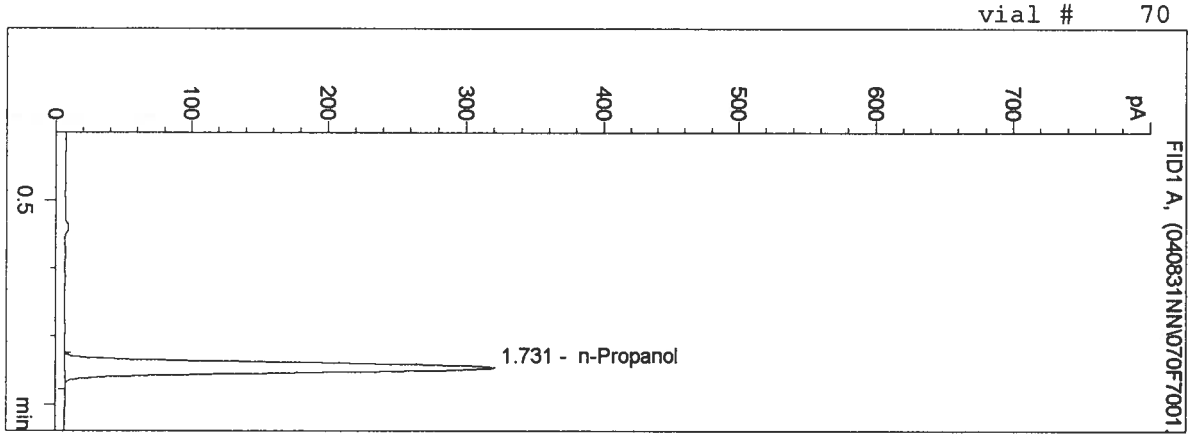
D:\HPCHEM\1\METHODS\BLDALCO.M
8/31/2004 3:37:14 PM
Instrument 4
DB-ALC1

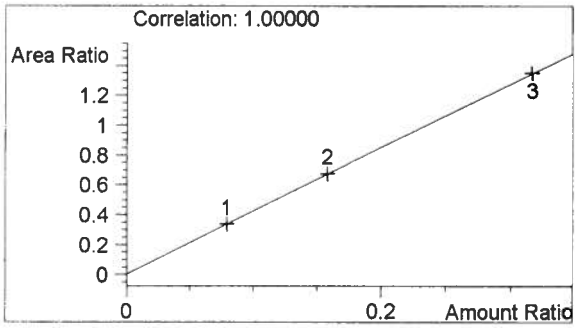
Blank
N Nuwayhid, PhD

vial # 70

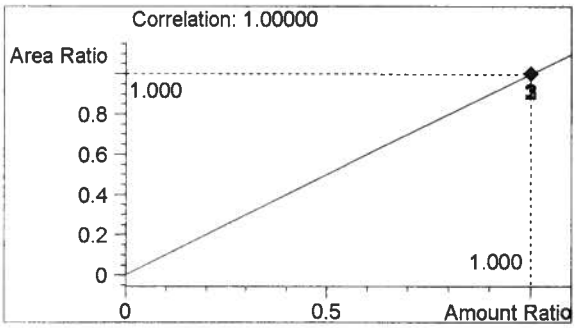


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1567	1.731

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Calibration Table

Calib. Data Modified : Tuesday, September 07, 2004 9:44:54 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
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 75%
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
1.093	1	1	7.90000e-2	596.84576	1.32363e-4	1		Ethanol
		2	1.58000e-1	1158.56860	1.36375e-4			
		3	3.16000e-1	2293.20996	1.37798e-4			
1.727	1	1	1.00000	1759.37988	5.68382e-4	I1		n-Propanol
		2	1.00000	1727.07166	5.79015e-4			
		3	1.00000	1713.74841	5.83516e-4			

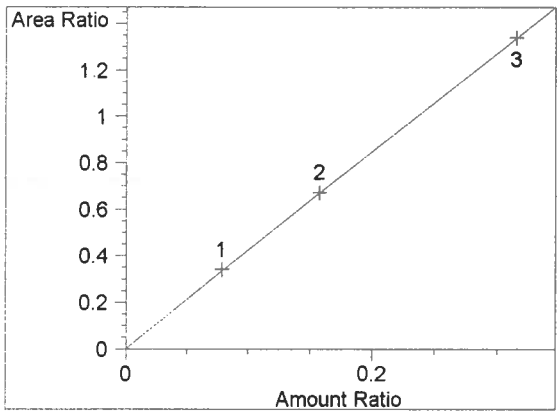
Peak Sum Table

No Entries in table

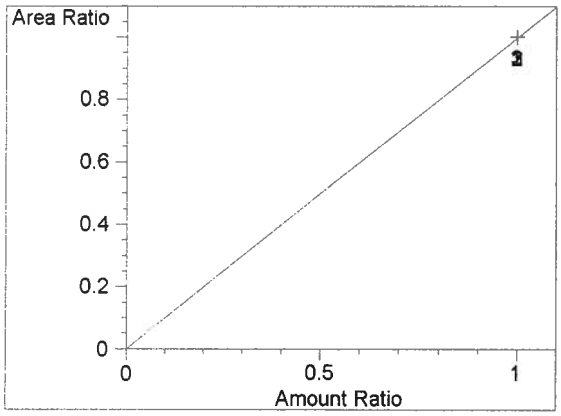
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.093
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00262
Formula: y = mx + b
m: 4.23011
b: 2.23520e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.727
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

WASHINGTON STATE TOXICOLOGY LABORATORY

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9/7/2004 9:33:16 AM
Instrument 4
DB-ALC1

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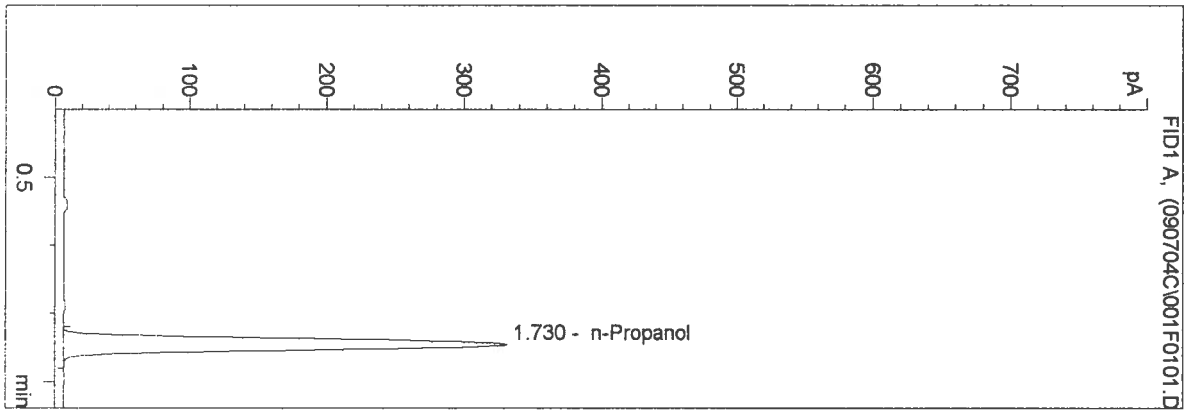
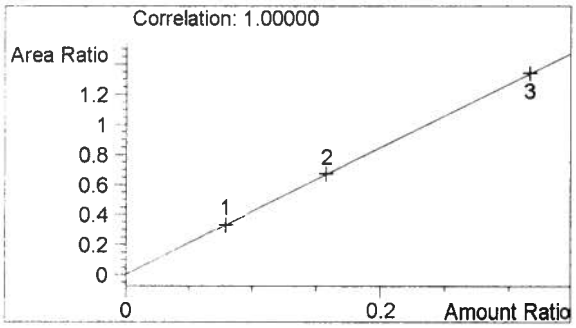
SIMULATOR SOLUTION

vial # 1

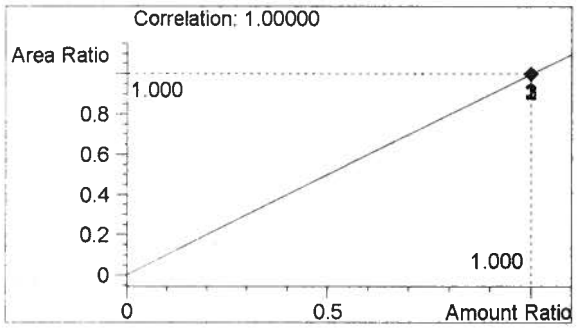


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1796	1.730

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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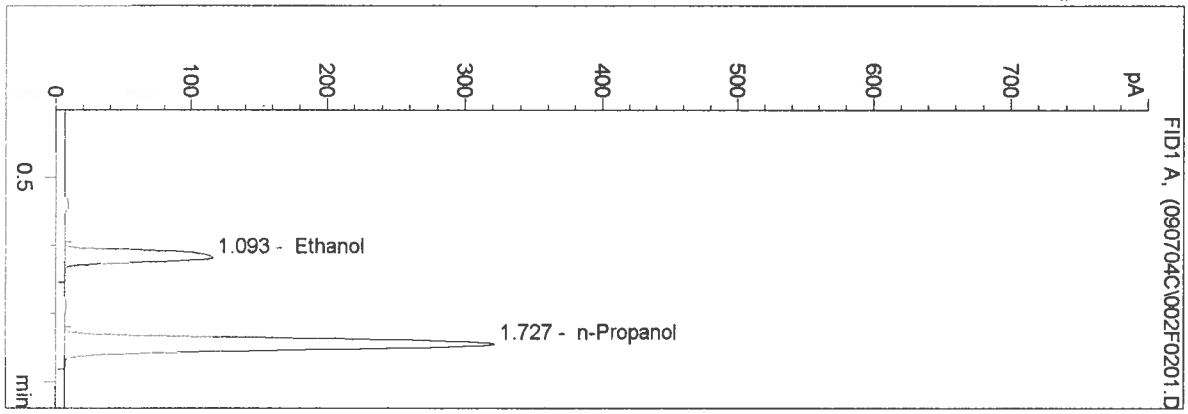
9/7/2004 9:36:26 AM
Instrument 4
DB-ALC1

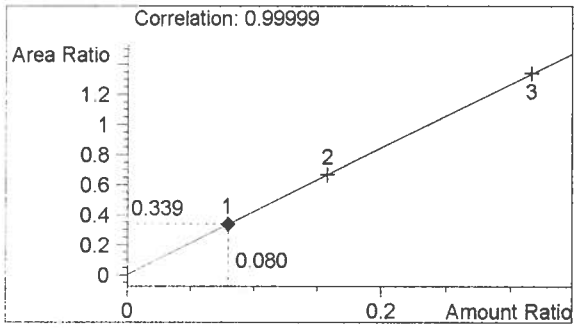
0.079 CAL
SIMULATOR SOLUTION

vial # 2

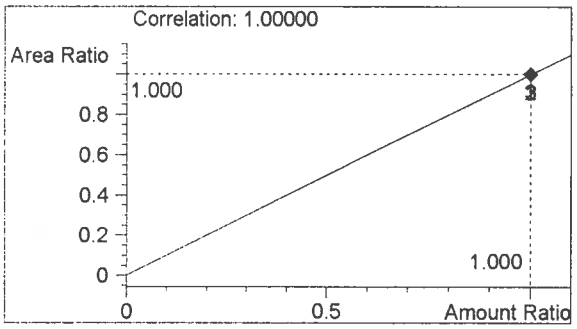


#	Compound	Area	RT
1	Ethanol	597	1.093
2	n-Propanol	1759	1.727

Totals:



Ethanol 0.080 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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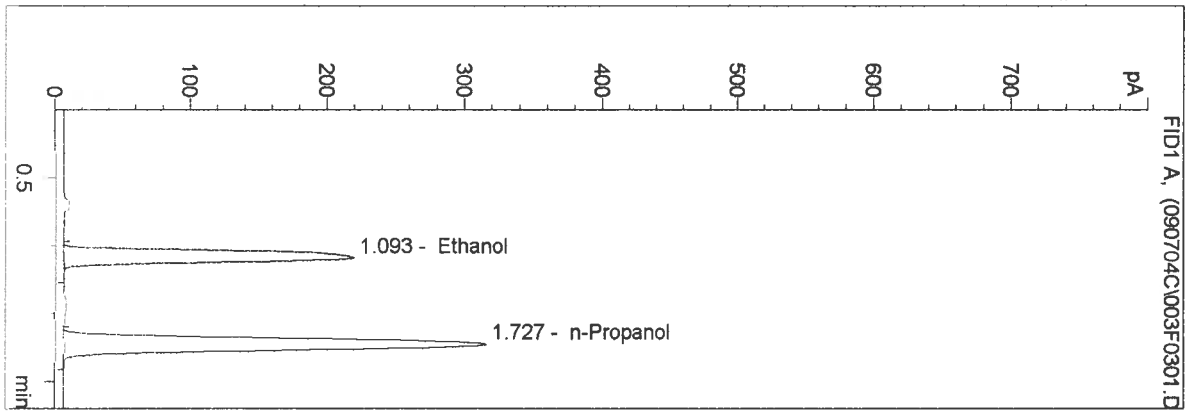
9/7/2004 9:39:34 AM
Instrument 4
DB-ALC1

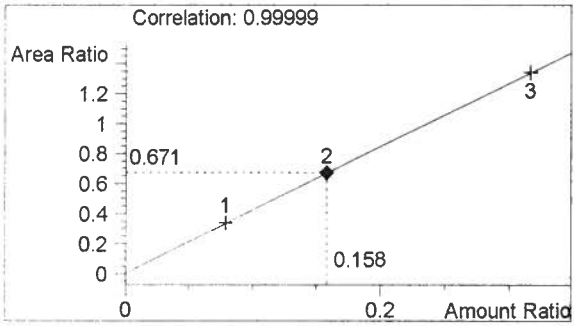
0.158 CAL
SIMULATOR SOLUTION

vial # 3

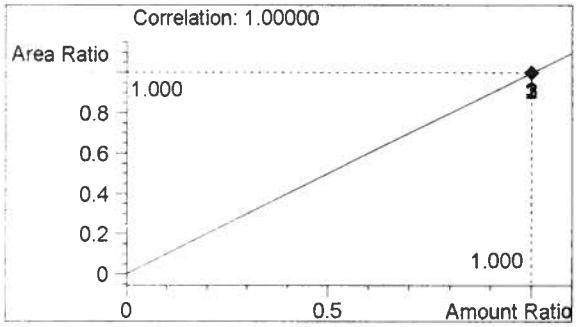


#	Compound	Area	RT
1	Ethanol	1159	1.093
2	n-Propanol	1727	1.727

Totals:



Ethanol 0.158 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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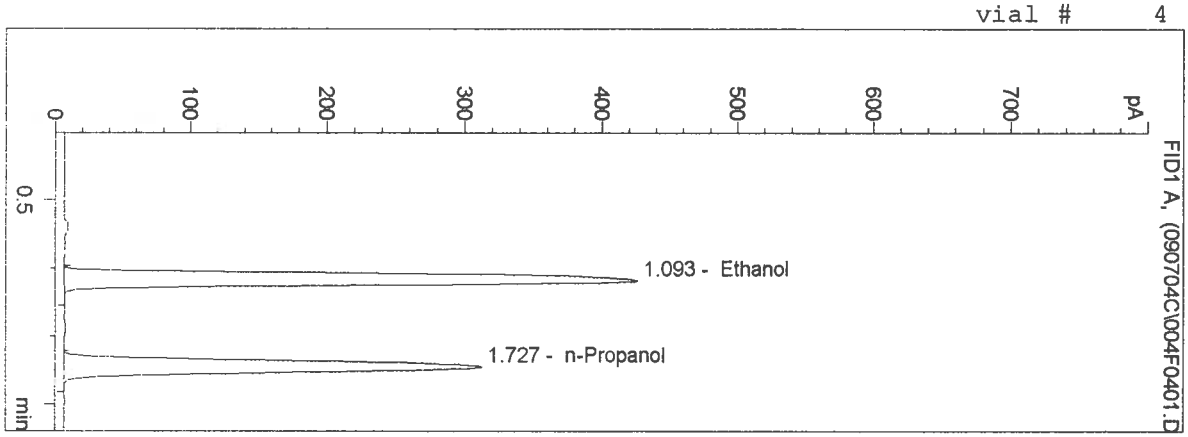
9/7/2004 9:42:41 AM
Instrument 4
DB-ALC1

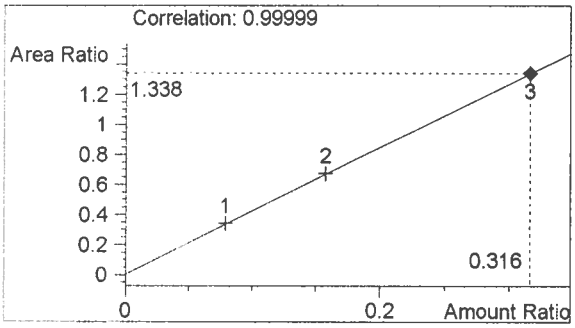
0.316 CAL
SIMULATOR SOLUTION

vial # 4

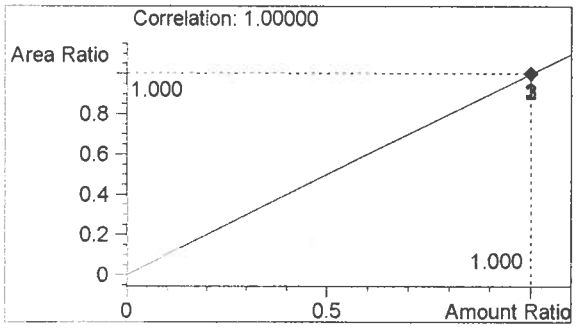


#	Compound	Area	RT
1	Ethanol	2293	1.093
2	n-Propanol	1714	1.727

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

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9/7/2004 9:45:46 AM
Instrument 4
DB-ALC1

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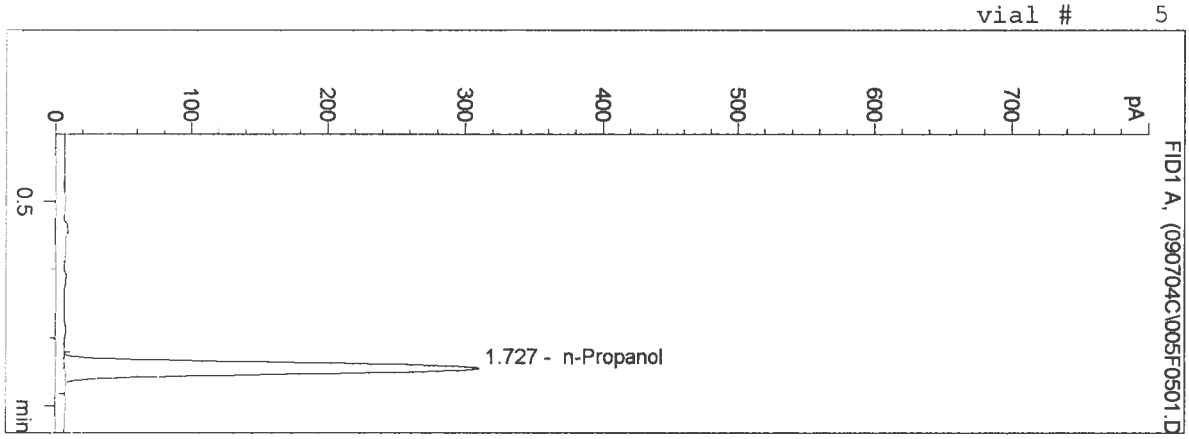
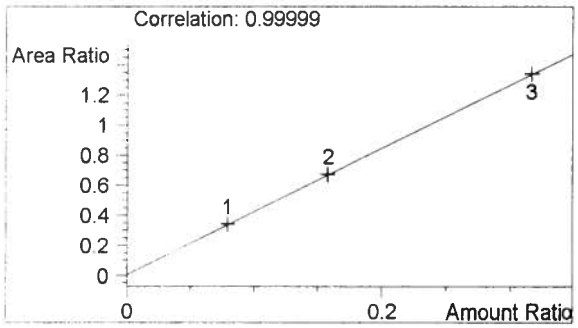
SIMULATOR SOLUTION

vial # 5

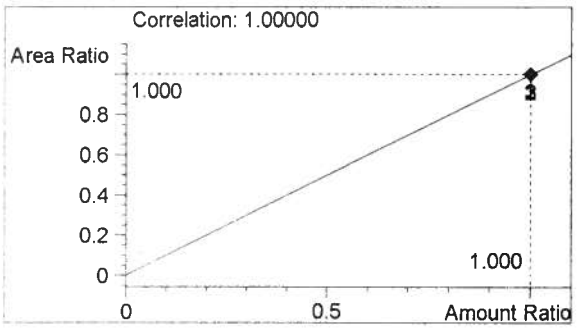


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1698	1.727

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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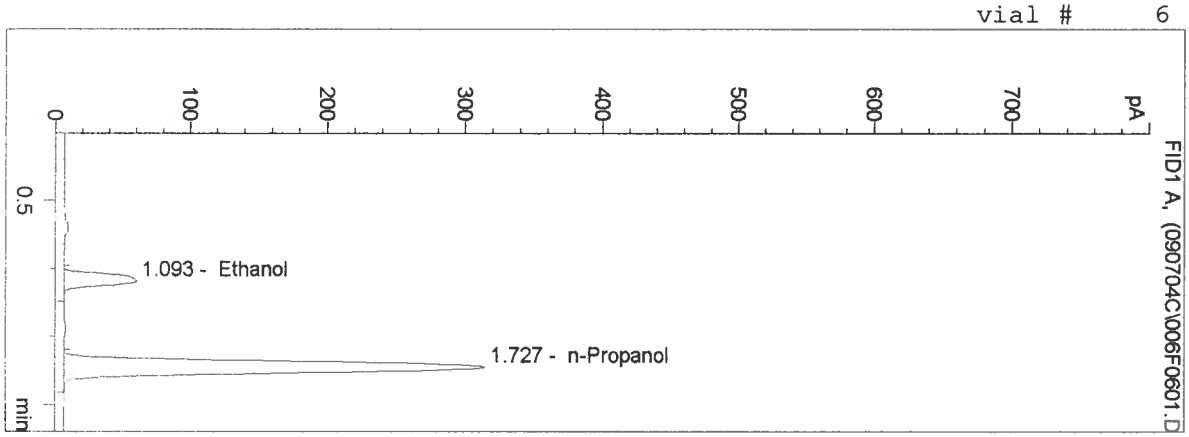
9/7/2004 9:48:59 AM
Instrument 4
DB-ALC1

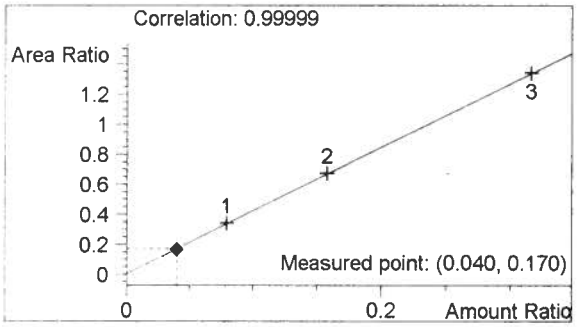
0.04 CAP
SIMULATOR SOLUTION

vial # 6

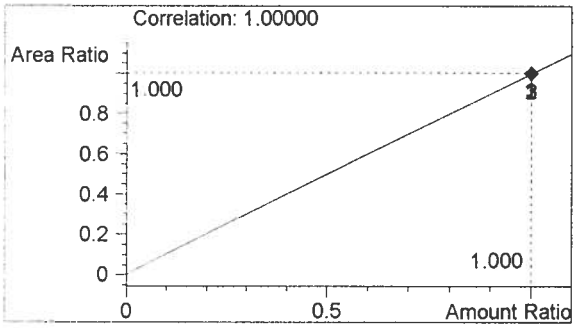


#	Compound	Area	RT
1	Ethanol	293	1.093
2	n-Propanol	1725	1.727

Totals:



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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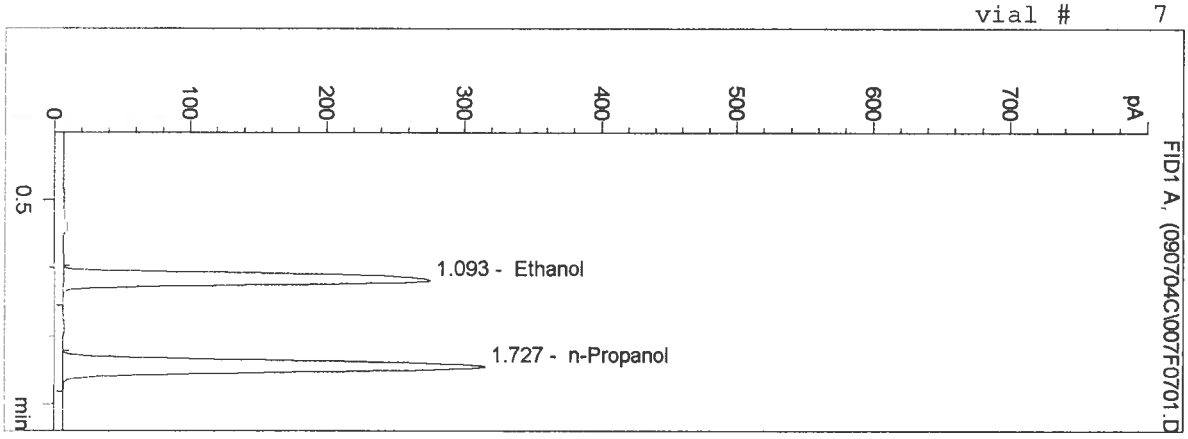
9/7/2004 9:52:15 AM
Instrument 4
DB-ALC1

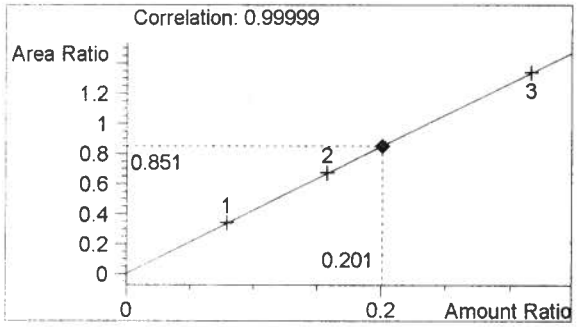
0.20 CONTROL
SIMULATOR SOLUTION

vial # 7

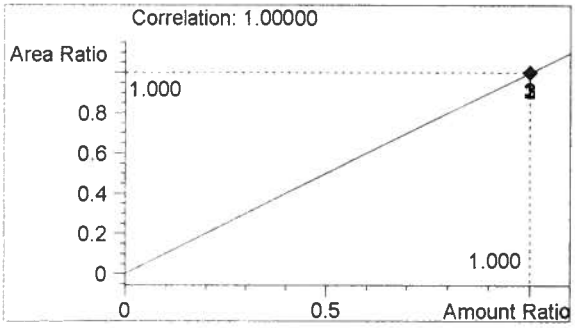


#	Compound	Area	RT
1	Ethanol	1466	1.093
2	n-Propanol	1723	1.727

Totals:



Ethanol 0.201 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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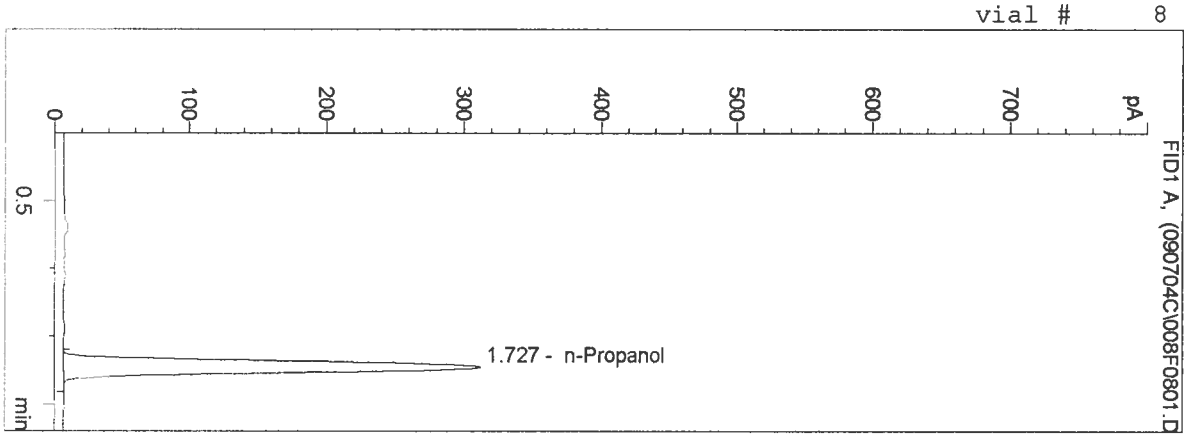
9/7/2004 9:55:26 AM
Instrument 4
DB-ALC1

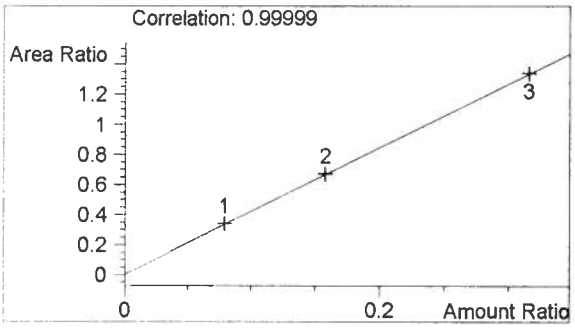
BLANK
SIMULATOR SOLUTION

vial # 8

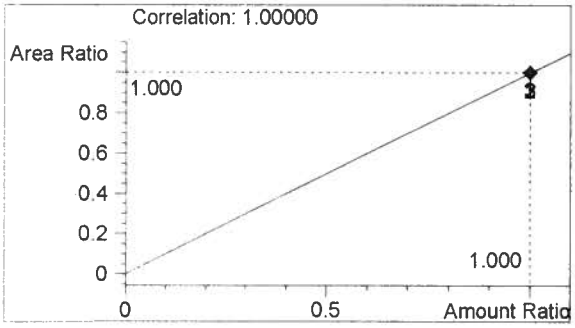


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1708	1.727

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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9/7/2004 9:38:42 AM
Instrument 5
DB-ALC2

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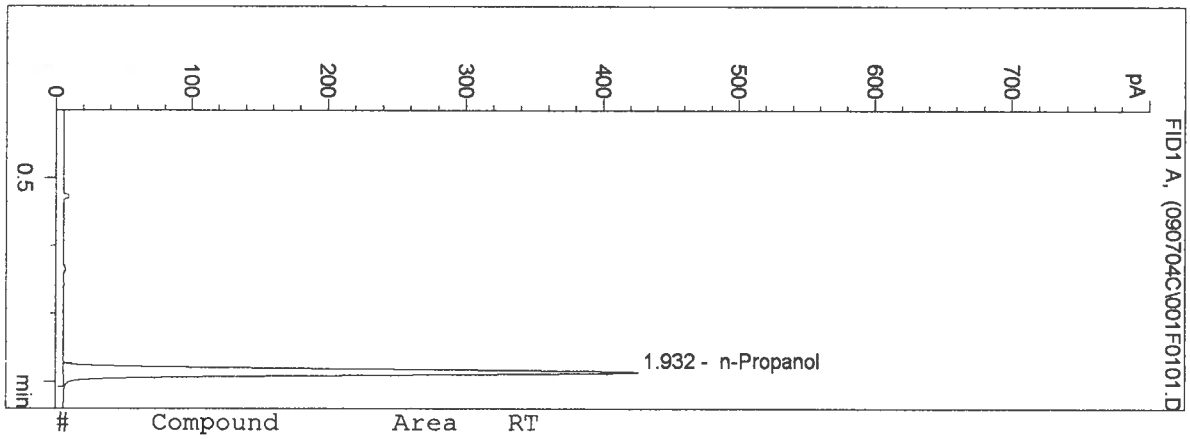
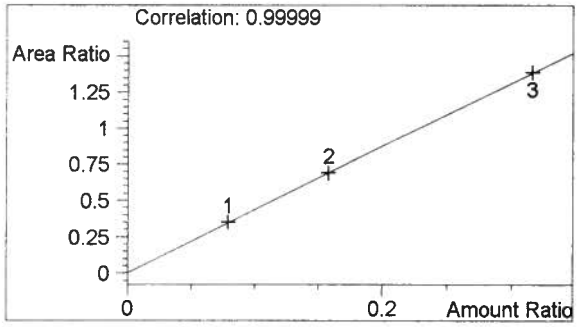
SIMULATOR SOLUTION

vial # 1

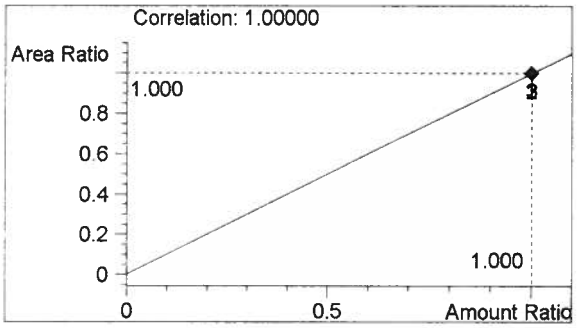


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1314	1.932

Totals:



Ethanol 0.000 g/100ml



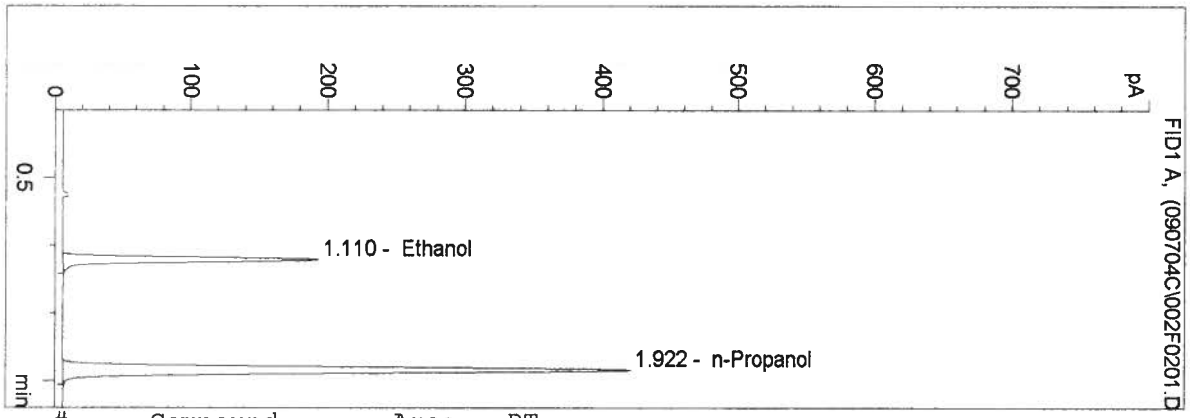
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/7/2004 9:41:35 AM
Instrument 5
DB-ALC2

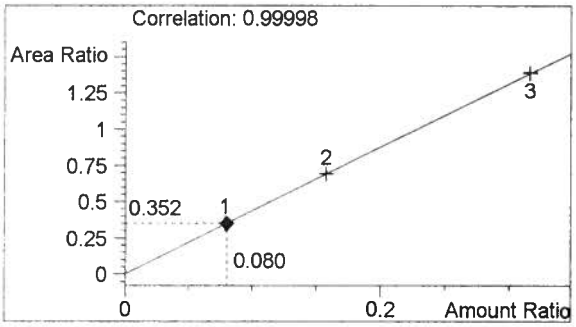
0.079 CAL
SIMULATOR SOLUTION

vial # 2

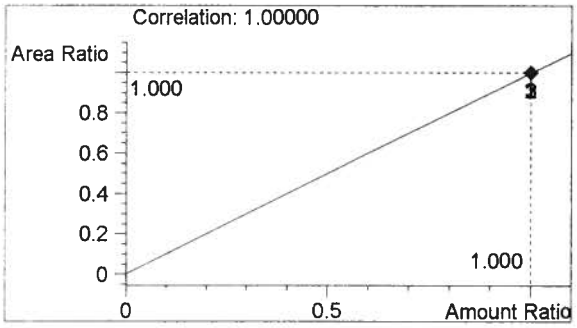


#	Compound	Area	RT
1	Ethanol	456	1.110
2	n-Propanol	1296	1.922

Totals:



Ethanol 0.080 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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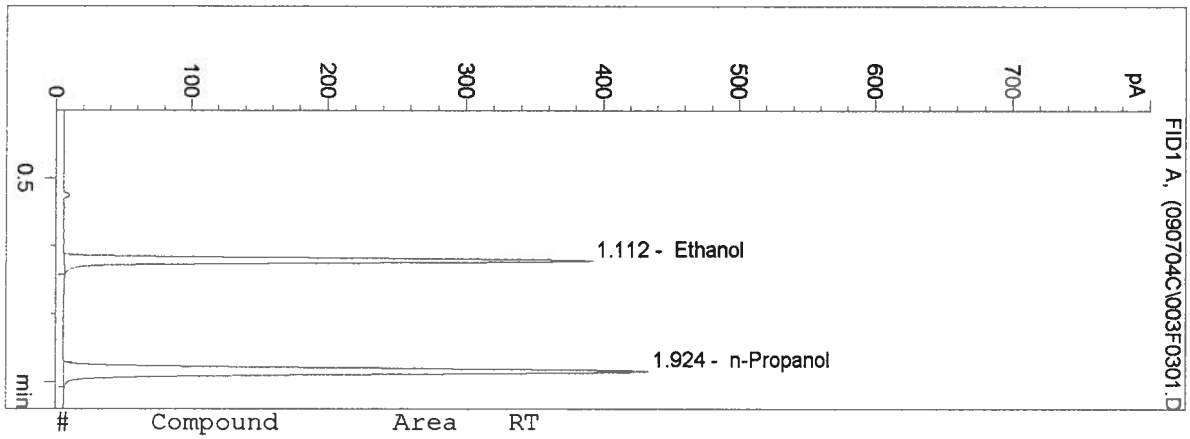
9/7/2004 9:44:22 AM
Instrument 5
DB-ALC2

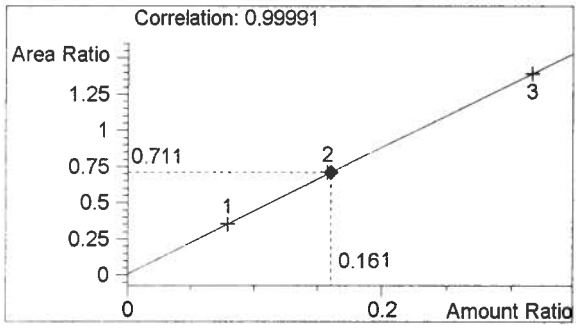
0.158 CAL
SIMULATOR SOLUTION

vial # 3

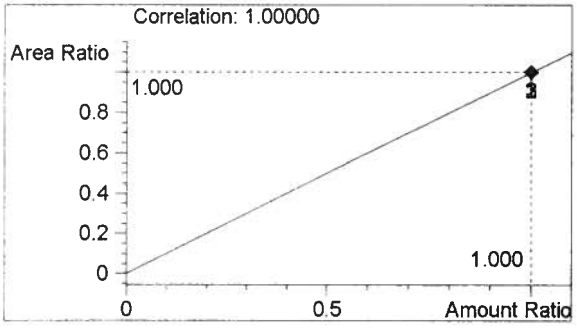


#	Compound	Area	RT
1	Ethanol	959	1.112
2	n-Propanol	1348	1.924

Totals:



Ethanol 0.161 g/100ml



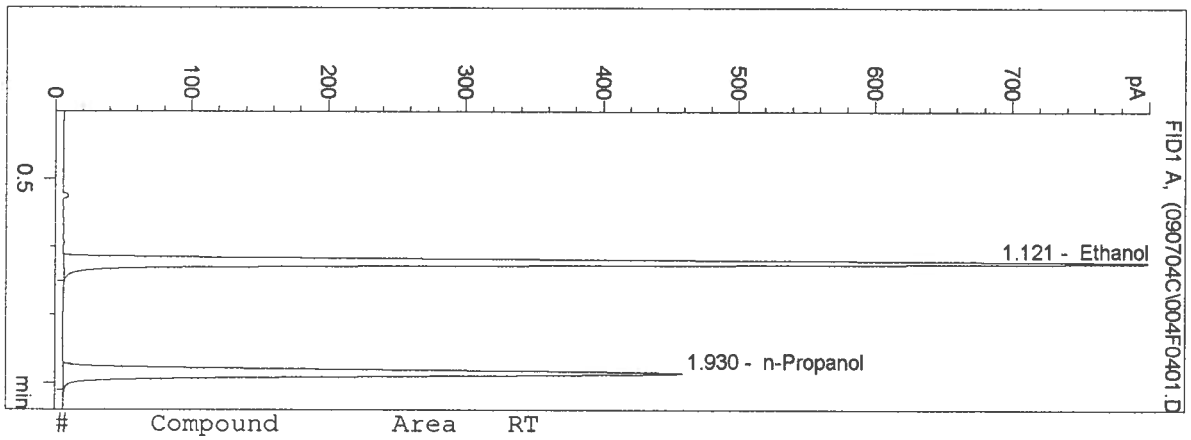
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/7/2004 9:47:07 AM
Instrument 5
DB-ALC2

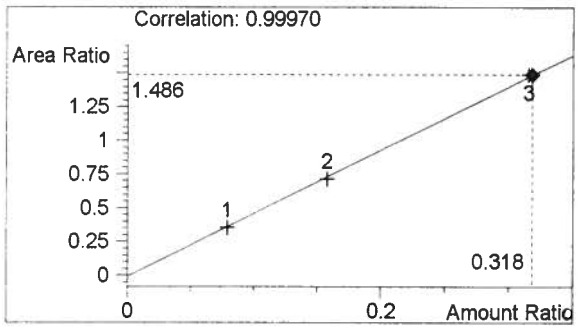
0.316 CAL
SIMULATOR SOLUTION

vial # 4

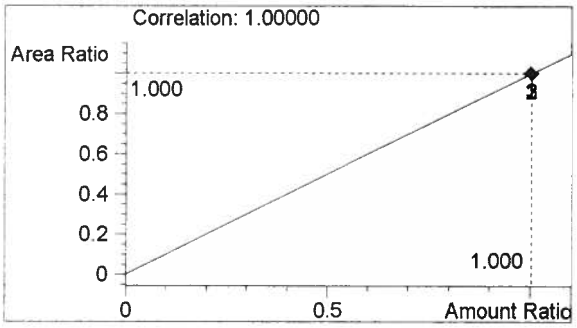


#	Compound	Area	RT
1	Ethanol	2227	1.121
2	n-Propanol	1499	1.930

Totals:



Ethanol 0.318 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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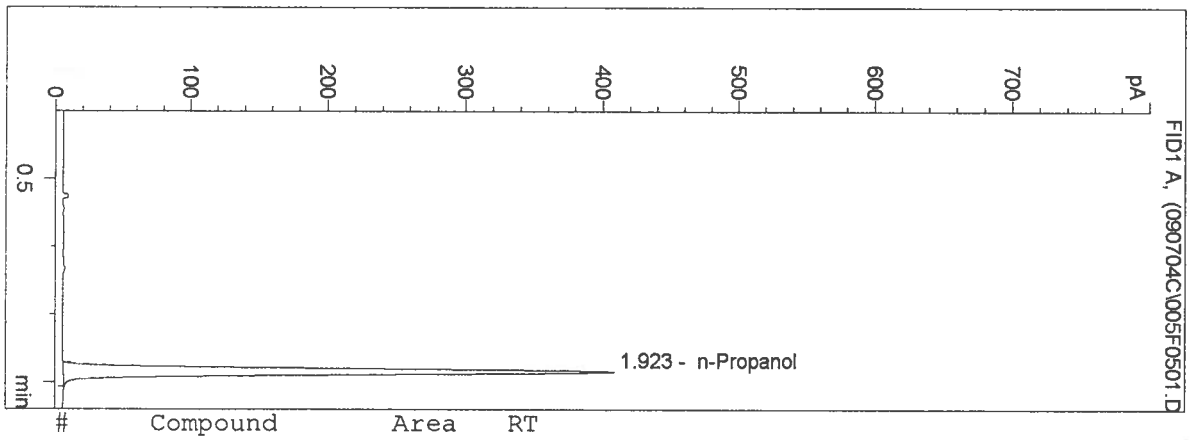
9/7/2004 9:50:41 AM
Instrument 5
DB-ALC2

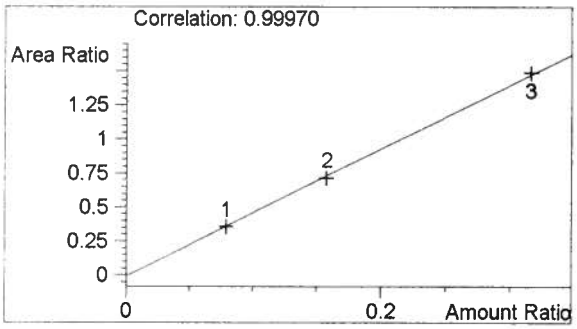
BLANK
SIMULATOR SOLUTION

vial # 5

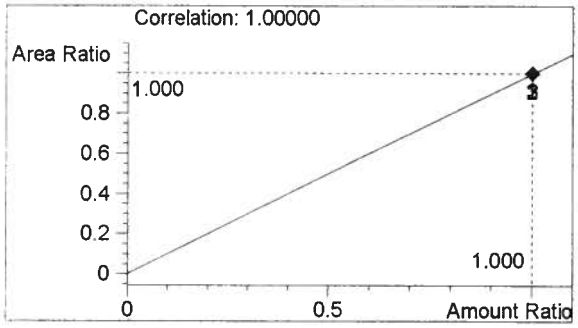


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1266	1.923

Totals:



Ethanol 0.000 g/100ml



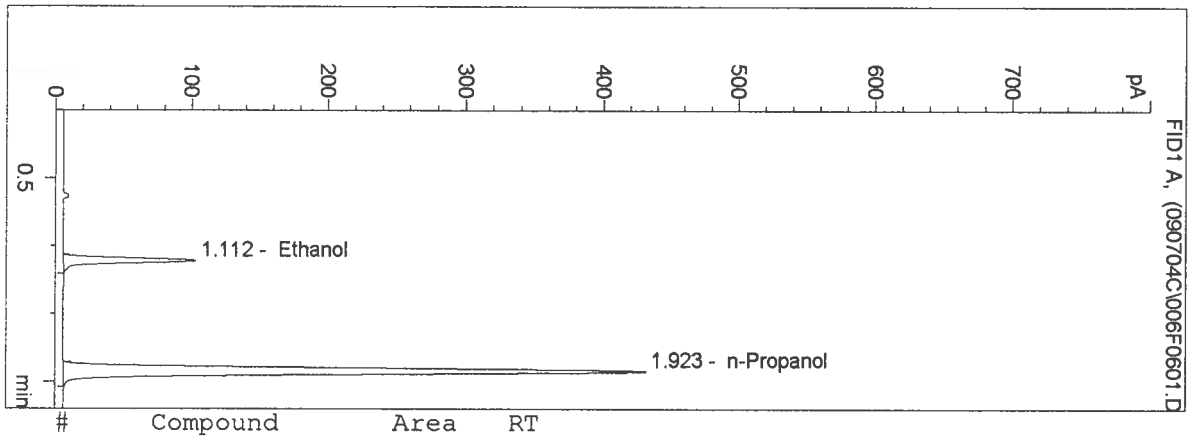
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/7/2004 9:53:27 AM
Instrument 5
DB-ALC2

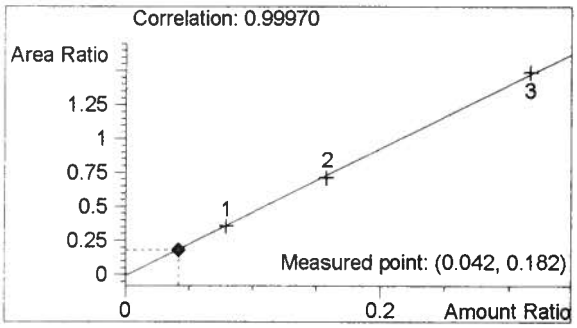
0.04 CAP
SIMULATOR SOLUTION

vial # 6

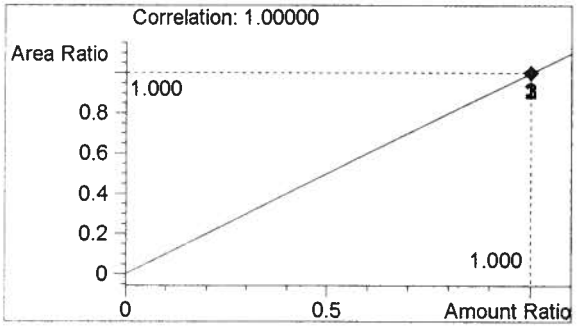


#	Compound	Area	RT
1	Ethanol	244	1.112
2	n-Propanol	1341	1.923

Totals:



Ethanol 0.042 g/100ml



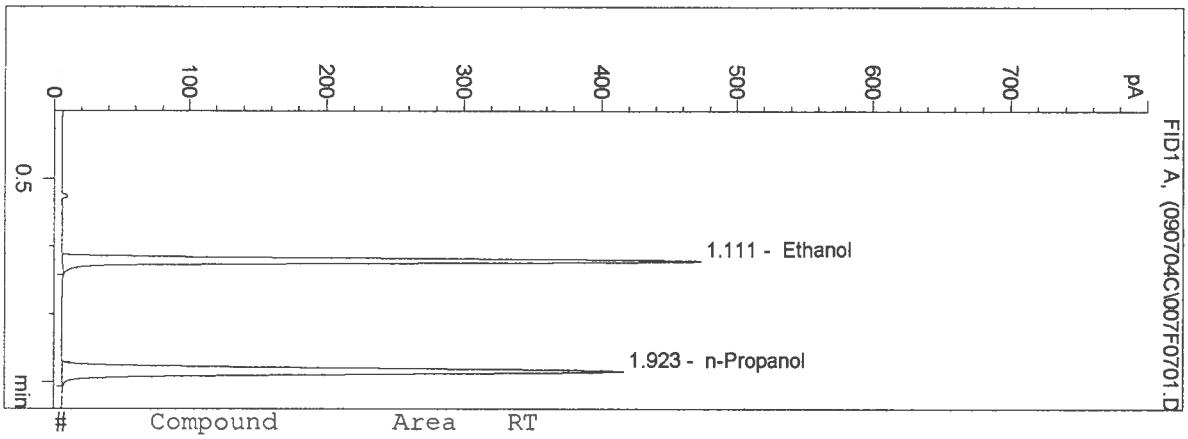
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/7/2004 9:56:15 AM
Instrument 5
DB-ALC2

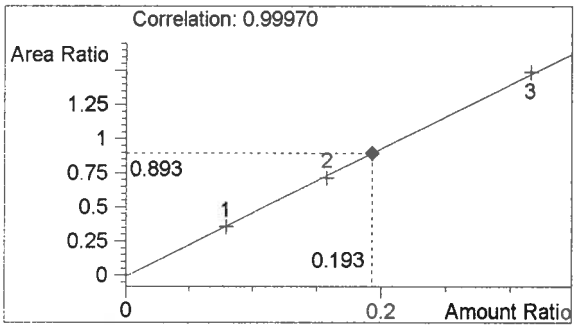
0.20 CONTROL
SIMULATOR SOLUTION

vial # 7

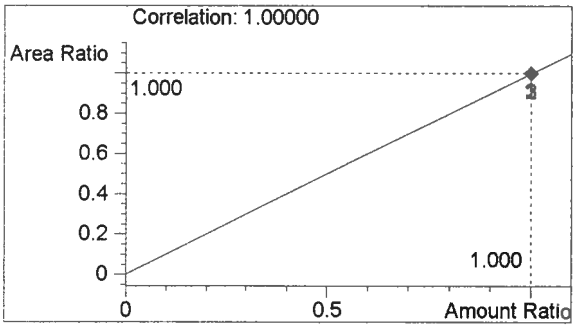


#	Compound	Area	RT
1	Ethanol	1155	1.111
2	n-Propanol	1294	1.923

Totals:



Ethanol 0.193 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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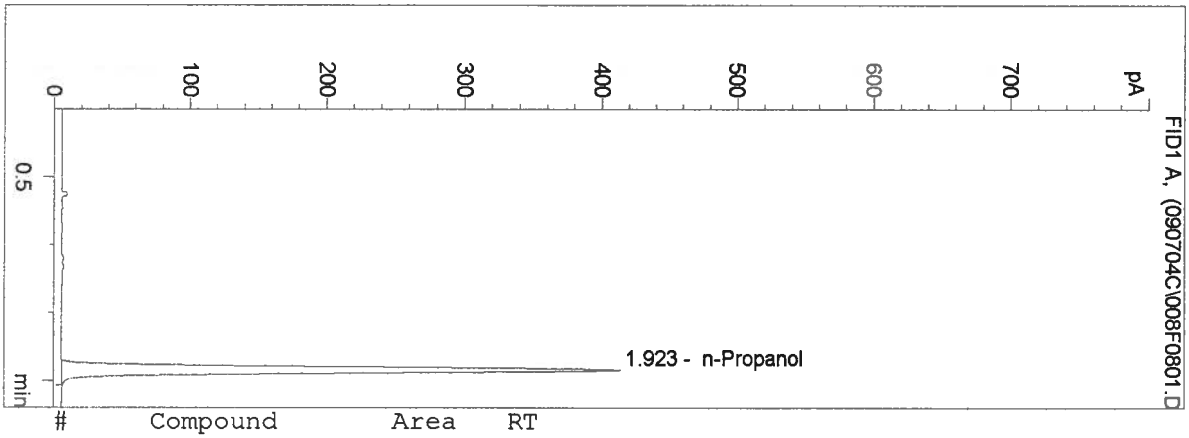
9/7/2004 9:59:13 AM
Instrument 5
DB-ALC2

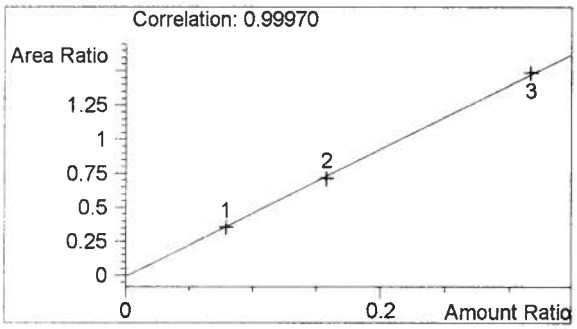
BLANK
SIMULATOR SOLUTION

vial # 8

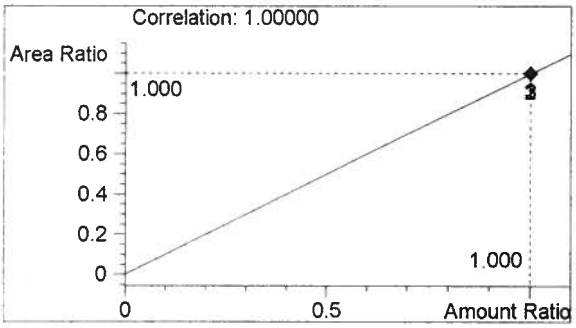


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1282	1.923

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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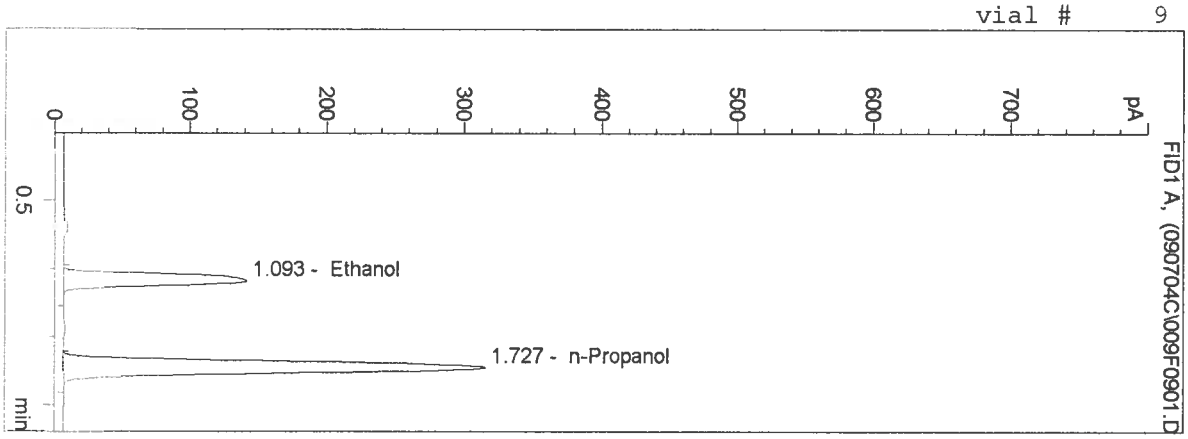
9/7/2004 9:58:37 AM
Instrument 4
DB-ALC1

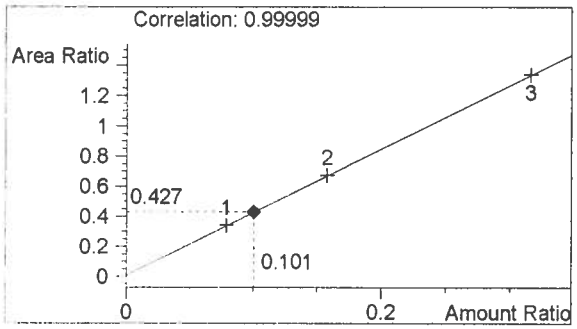
04025 - EF
SIMULATOR SOLUTION

vial # 9

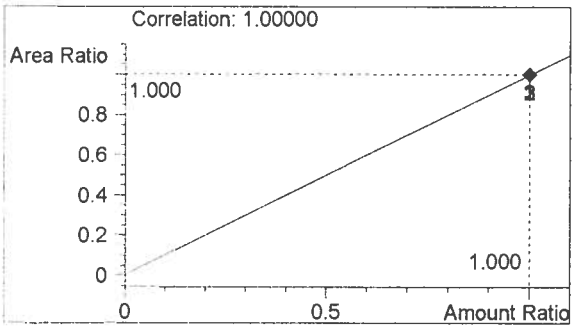


#	Compound	Area	RT
1	Ethanol	740	1.093
2	n-Propanol	1731	1.727

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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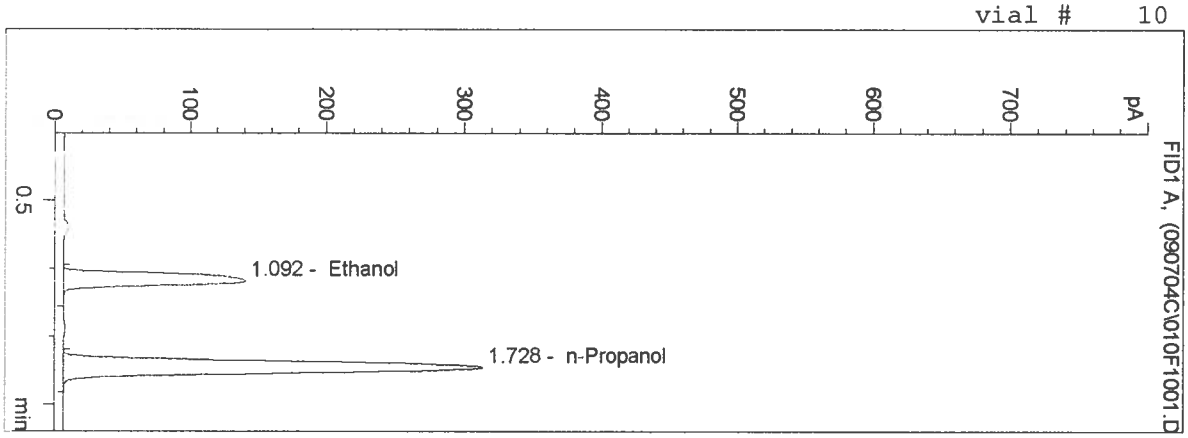
9/7/2004 10:01:46 AM
Instrument 4
DB-ALC1

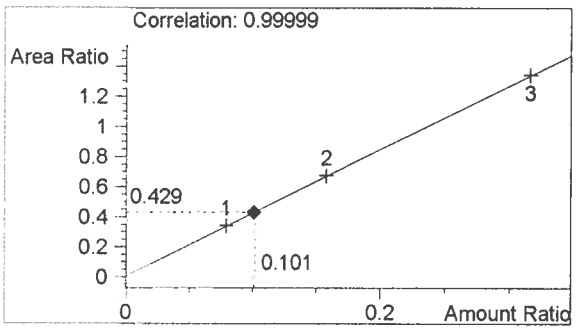
04025 - EF
SIMULATOR SOLUTION

vial # 10

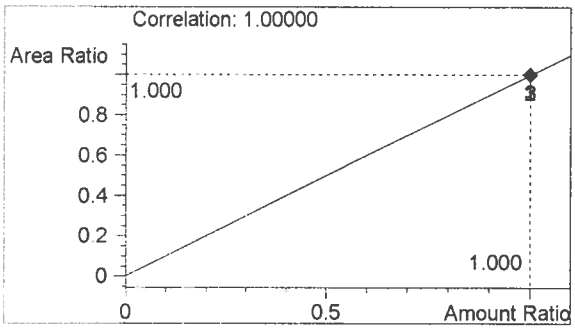


#	Compound	Area	RT
1	Ethanol	742	1.092
2	n-Propanol	1729	1.728

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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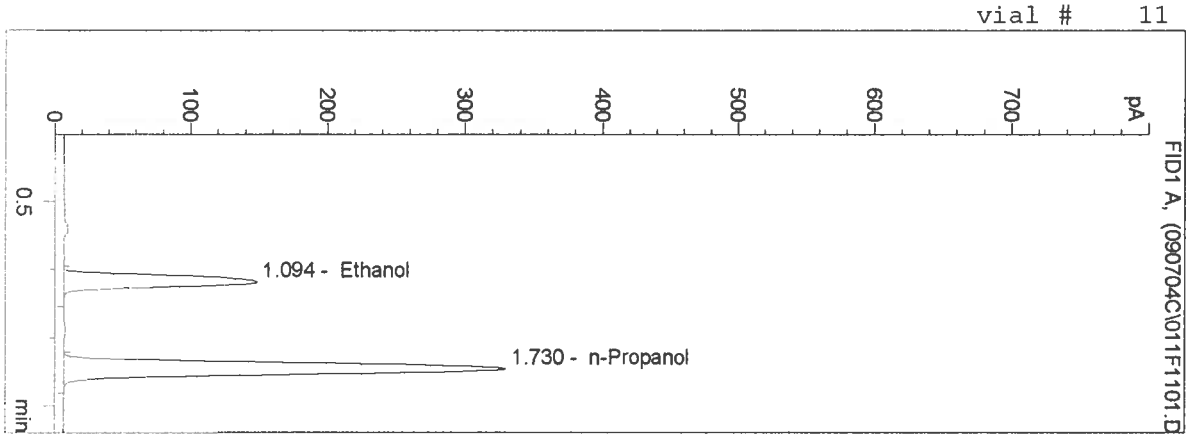
9/7/2004 10:05:01 AM
Instrument 4
DB-ALC1

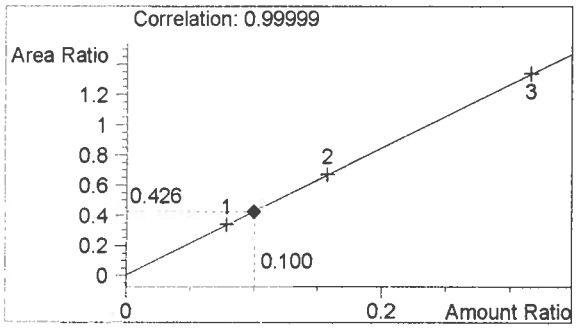
04025 - EF
SIMULATOR SOLUTION

vial # 11

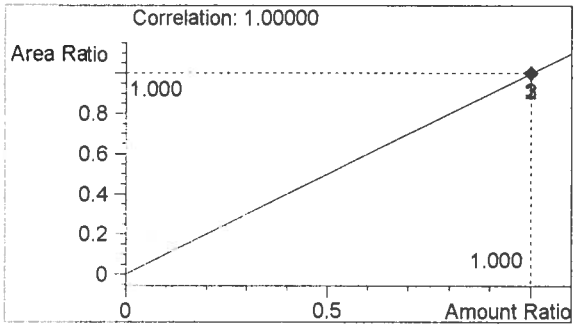


#	Compound	Area	RT
1	Ethanol	762	1.094
2	n-Propanol	1789	1.730

Totals:



Ethanol 0.100 g/100ml



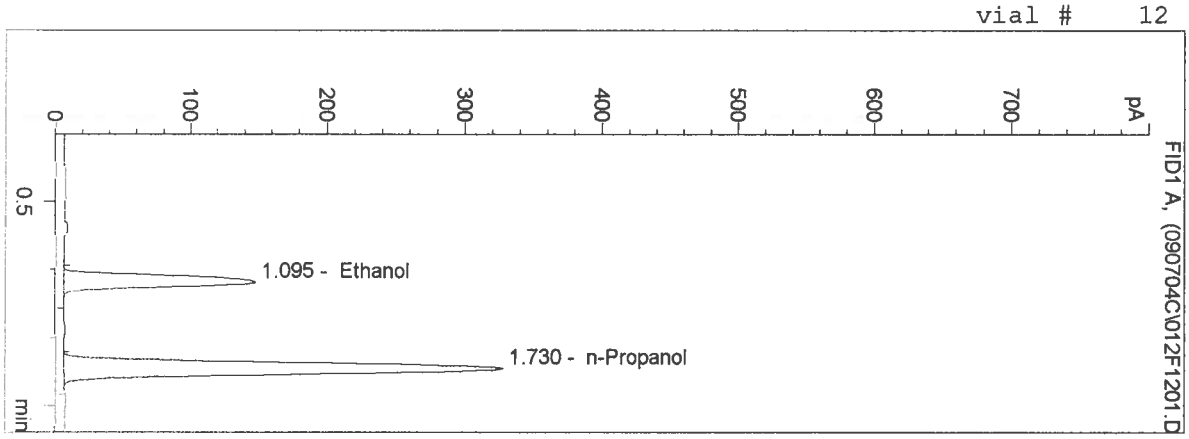
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/7/2004 10:08:13 AM
Instrument 4
DB-ALC1

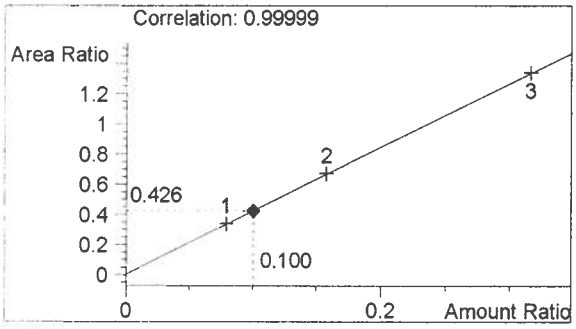
04025 - EF
SIMULATOR SOLUTION

vial # 12

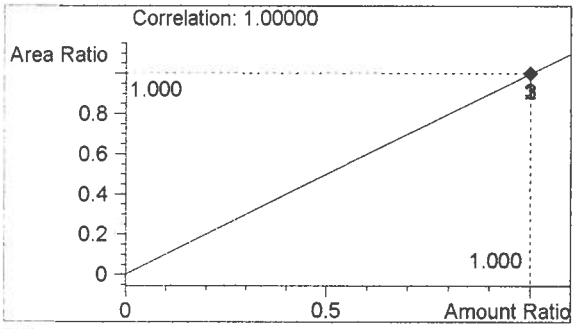


#	Compound	Area	RT
1	Ethanol	760	1.095
2	n-Propanol	1787	1.730

Totals:



Ethanol 0.100 g/100ml



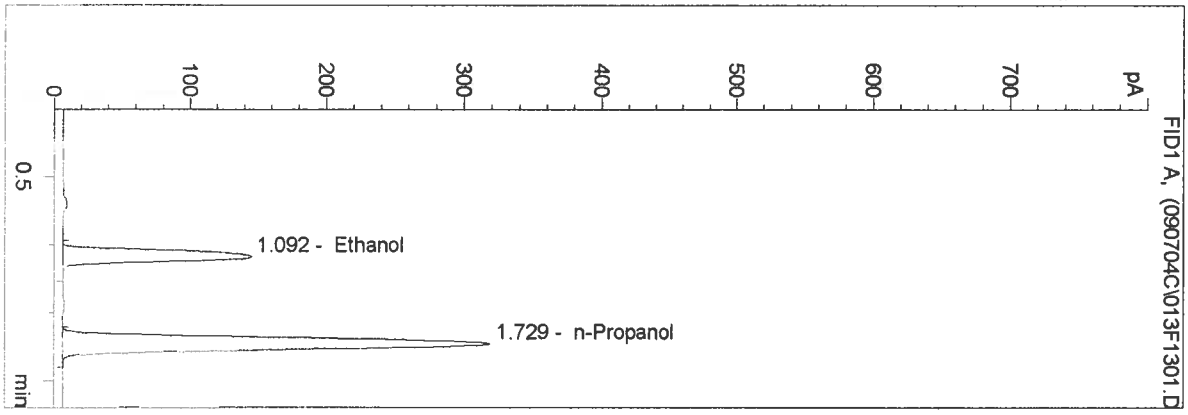
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/7/2004 10:11:24 AM
Instrument 4
DB-ALC1

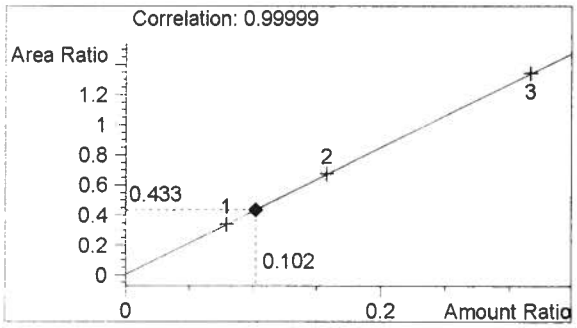
04025 - EF
SIMULATOR SOLUTION

vial # 13

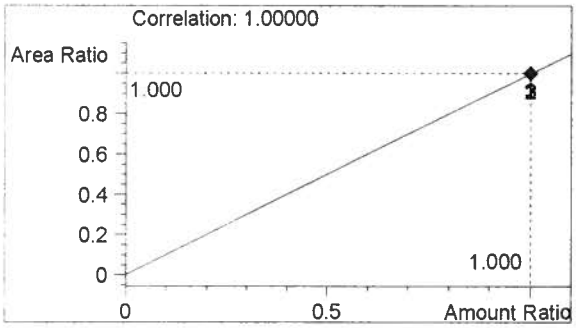


#	Compound	Area	RT
1	Ethanol	738	1.092
2	n-Propanol	1703	1.729

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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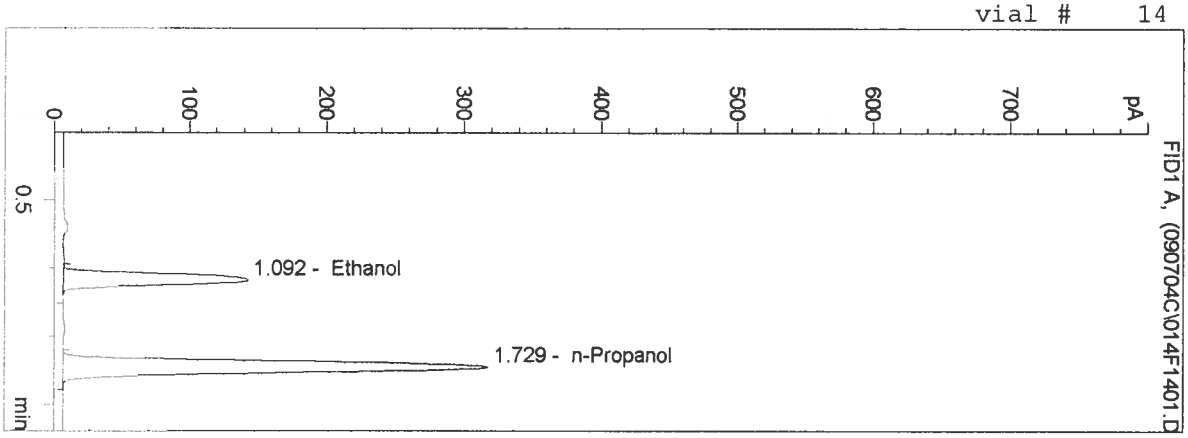
9/7/2004 10:14:33 AM
Instrument 4
DB-ALC1

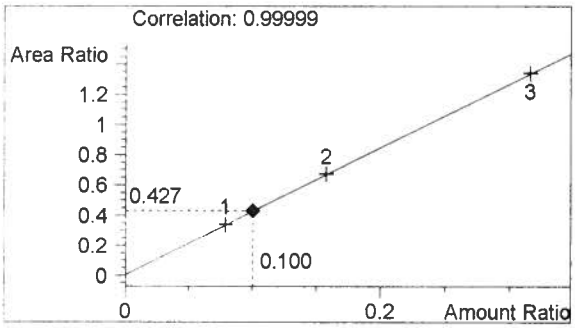
0.10 CONT - EF
SIMULATOR SOLUTION

vial # 14

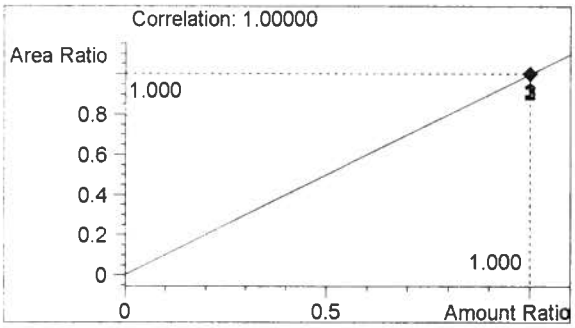


#	Compound	Area	RT
1	Ethanol	722	1.092
2	n-Propanol	1689	1.729

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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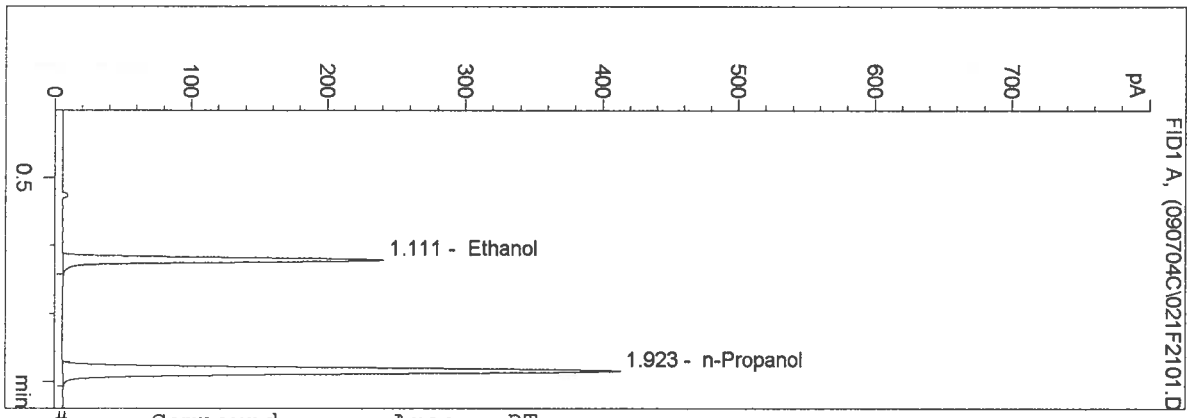
9/7/2004 10:38:24 AM
Instrument 5
DB-ALC2

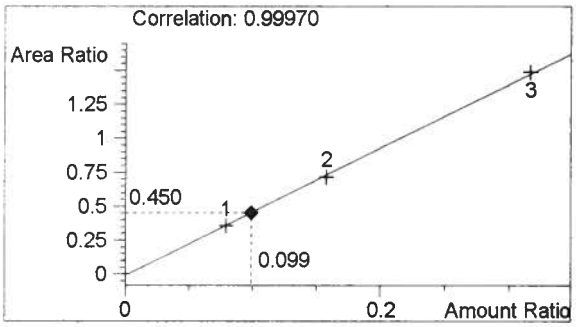
04025 - AG
SIMULATOR SOLUTION

vial # 21

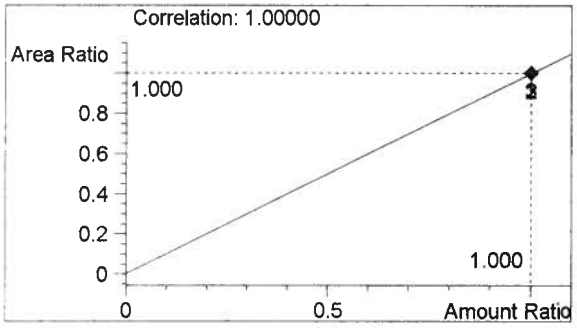


#	Compound	Area	RT
1	Ethanol	574	1.111
2	n-Propanol	1275	1.923

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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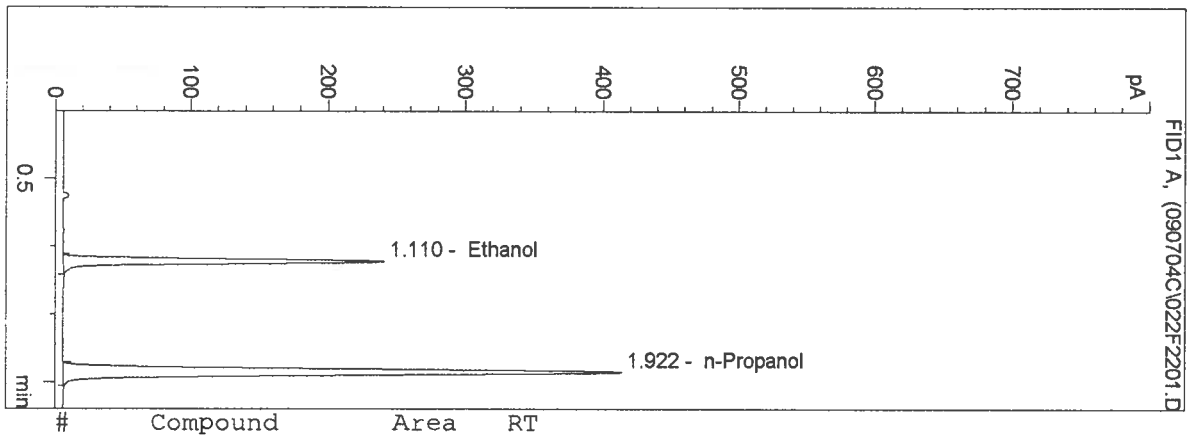
9/7/2004 10:41:20 AM
Instrument 5
DB-ALC2

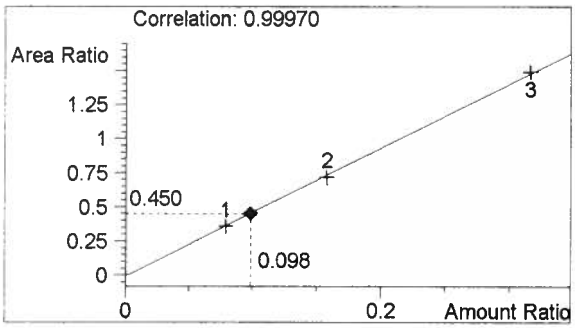
04025 - AG
SIMULATOR SOLUTION

vial # 22

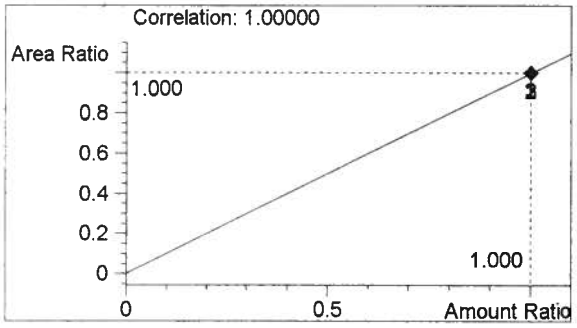


#	Compound	Area	RT
1	Ethanol	573	1.110
2	n-Propanol	1274	1.922

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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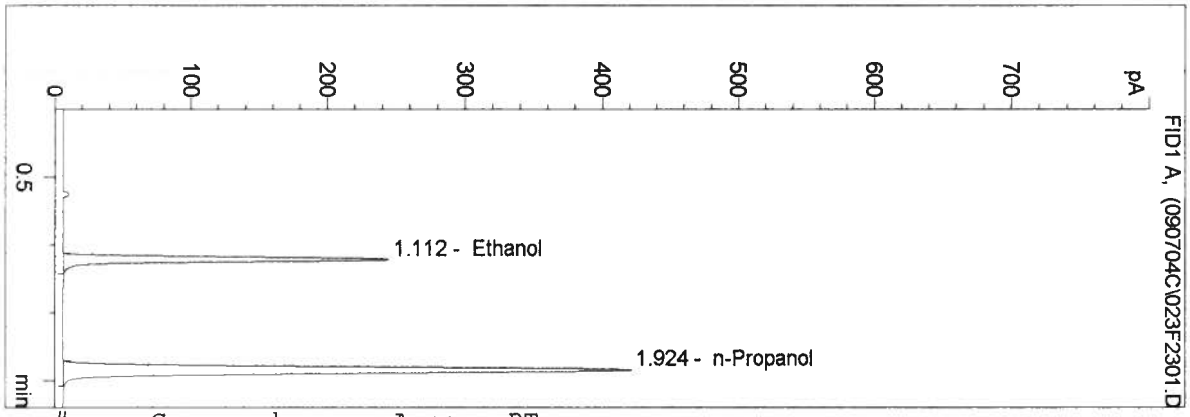
9/7/2004 10:44:09 AM
Instrument 5
DB-ALC2

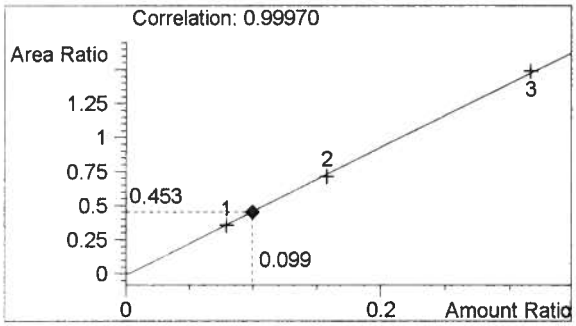
04025 - AG
SIMULATOR SOLUTION

vial # 23

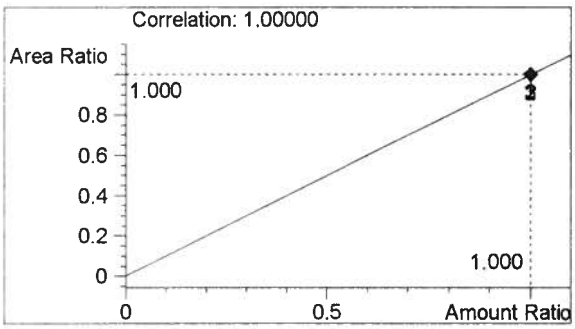


#	Compound	Area	RT
1	Ethanol	593	1.112
2	n-Propanol	1308	1.924

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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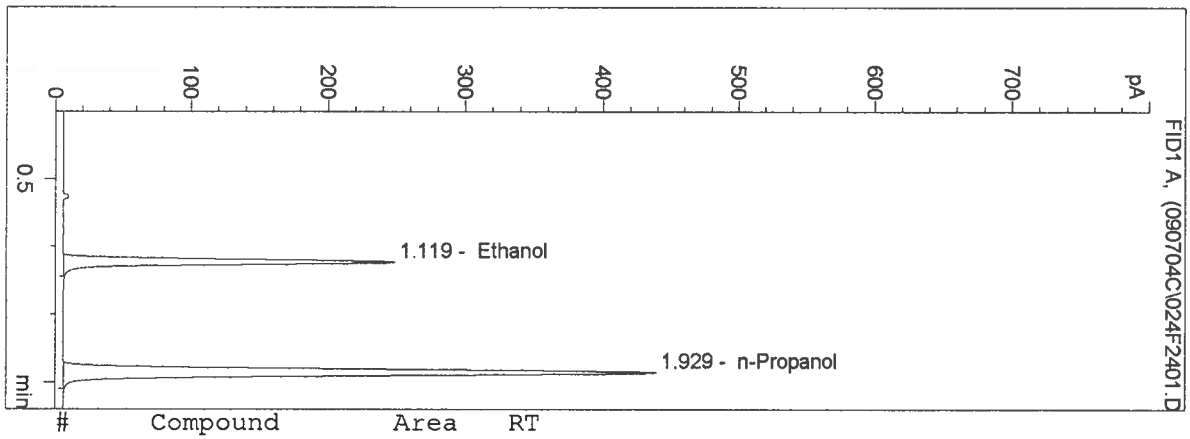
9/7/2004 10:47:02 AM
Instrument 5
DB-ALC2

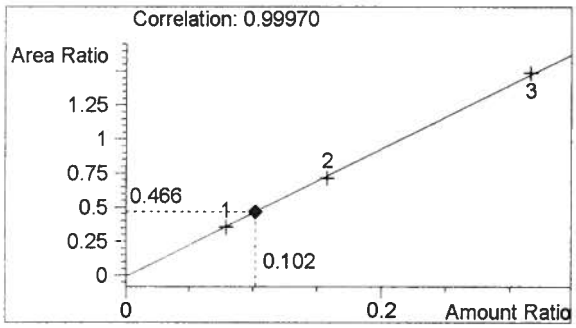
04025 - AG
SIMULATOR SOLUTION

vial # 24

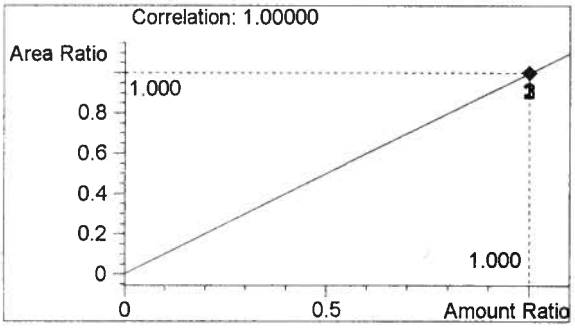


#	Compound	Area	RT
1	Ethanol	663	1.119
2	n-Propanol	1423	1.929

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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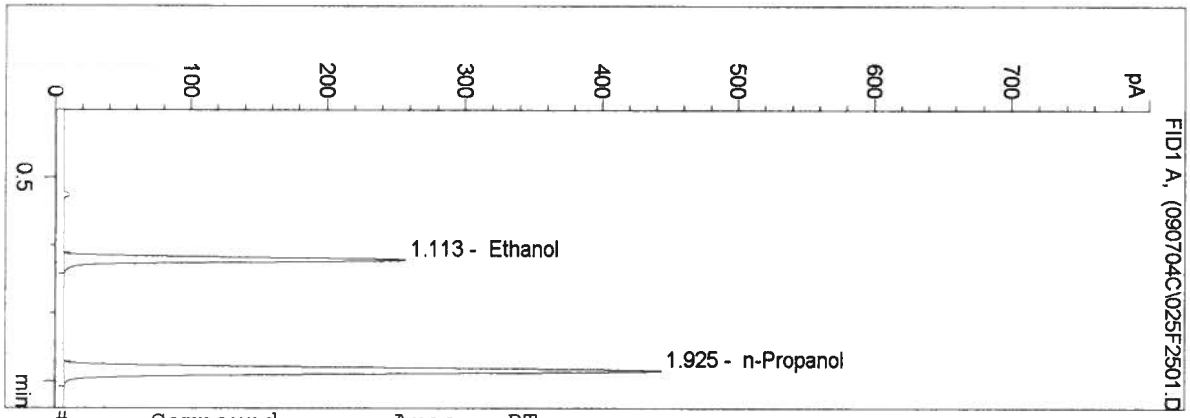
9/7/2004 10:50:14 AM
Instrument 5
DB-ALC2

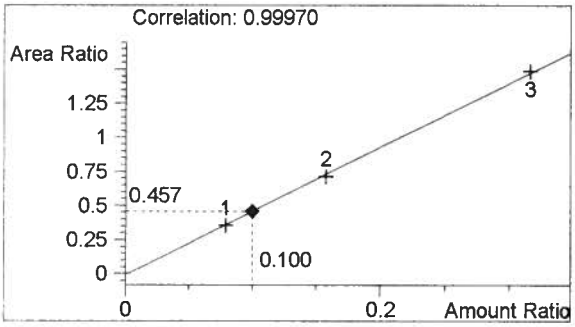
04025 - AG
SIMULATOR SOLUTION

vial # 25

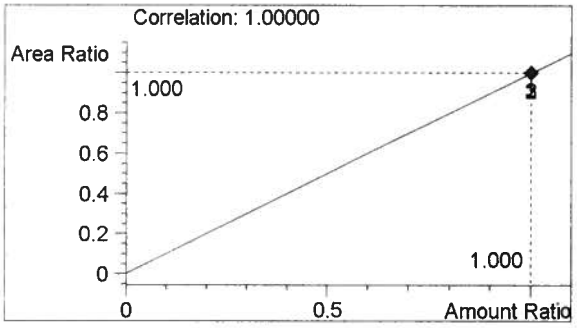


#	Compound	Area	RT
1	Ethanol	634	1.113
2	n-Propanol	1388	1.925

Totals:



Ethanol 0.100 g/100ml



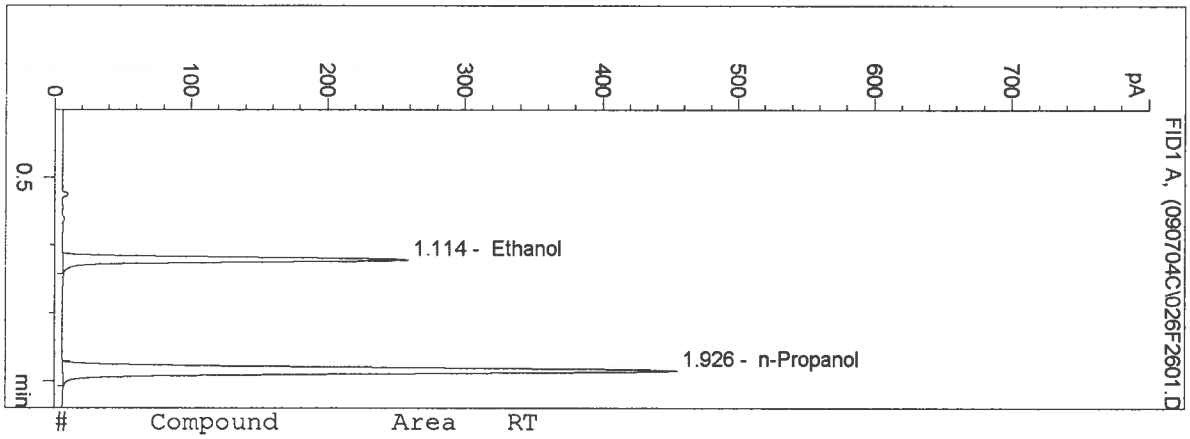
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
9/7/2004 10:53:21 AM
Instrument 5
DB-ALC2

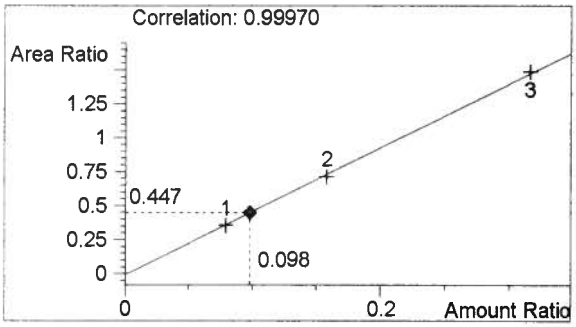
0.10 CONT - AG
SIMULATOR SOLUTION

vial # 26

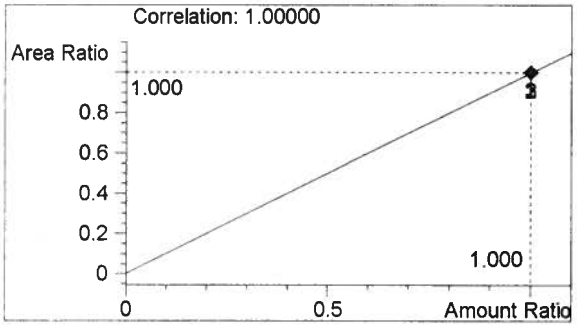


#	Compound	Area	RT
1	Ethanol	635	1.114
2	n-Propanol	1422	1.926

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

Calibration Table

Calib. Data Modified : Tuesday, September 07, 2004 9:49:20 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
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 75%
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
1.118	1	1	7.90000e-2	456.48087	1.73063e-4	1		Ethanol
		2	1.58000e-1	958.50409	1.64840e-4			
		3	3.16000e-1	2226.70288	1.41914e-4			
1.929	1	1	1.00000	1296.39697	7.71369e-4	I1		n-Propanol
		2	1.00000	1347.63135	7.42043e-4			
		3	1.00000	1498.67798	6.67255e-4			

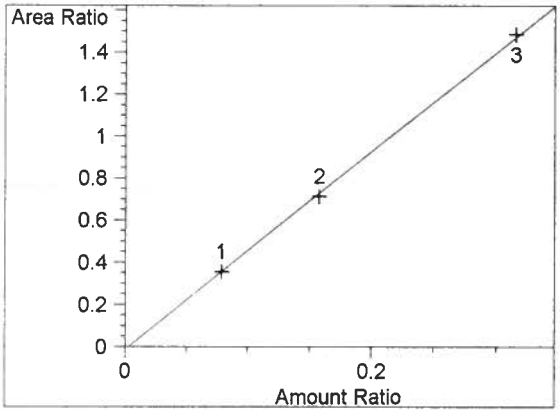
Peak Sum Table

No Entries in table

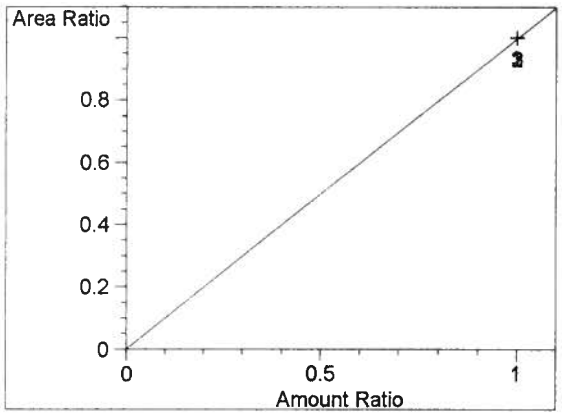
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.118
FID1 A,
Correlation: 0.99970
Residual Std. Dev.: 0.01898
Formula: y = mx + b
m: 4.71136
b: -1.40594e-2
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.929
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

WASHINGTON STATE TOXICOLOGY LABORATORY

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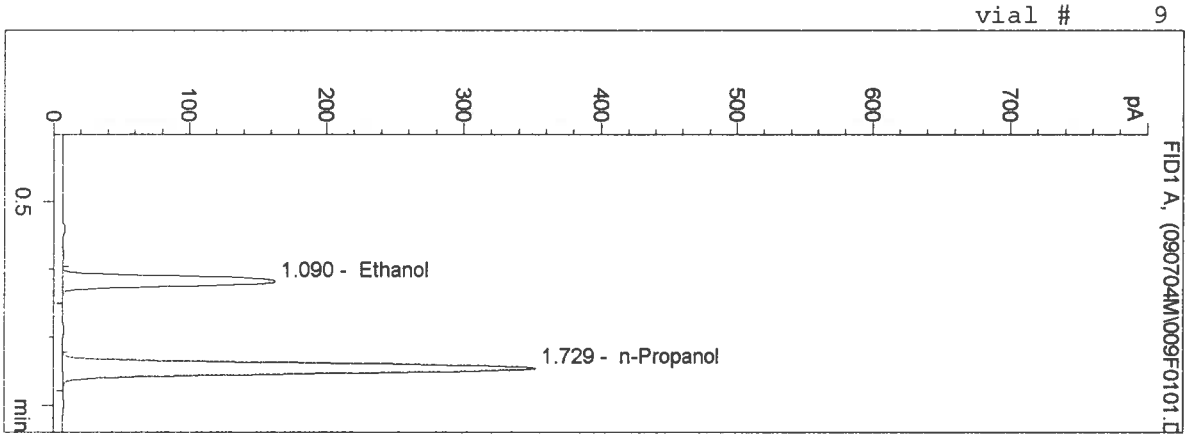
9/7/2004 11:23:33 AM
Instrument 4
DB-ALC1

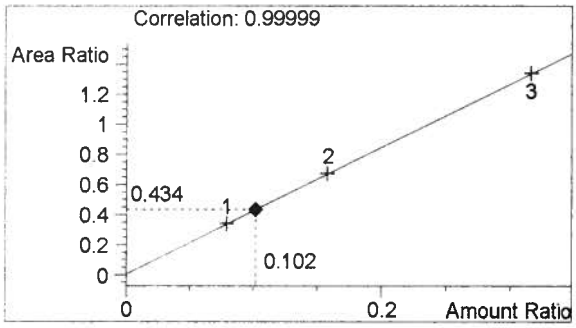
04025 - MW
SIMULATOR SOLUTION

vial # 9

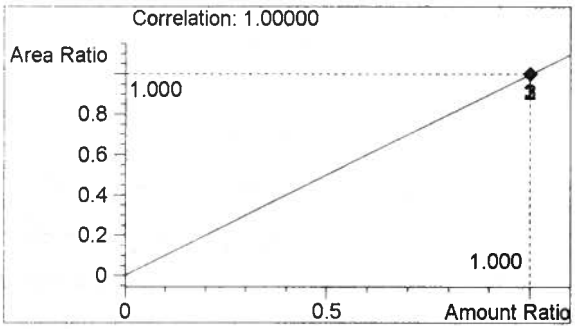


#	Compound	Area	RT
1	Ethanol	756	1.090
2	n-Propanol	1744	1.729

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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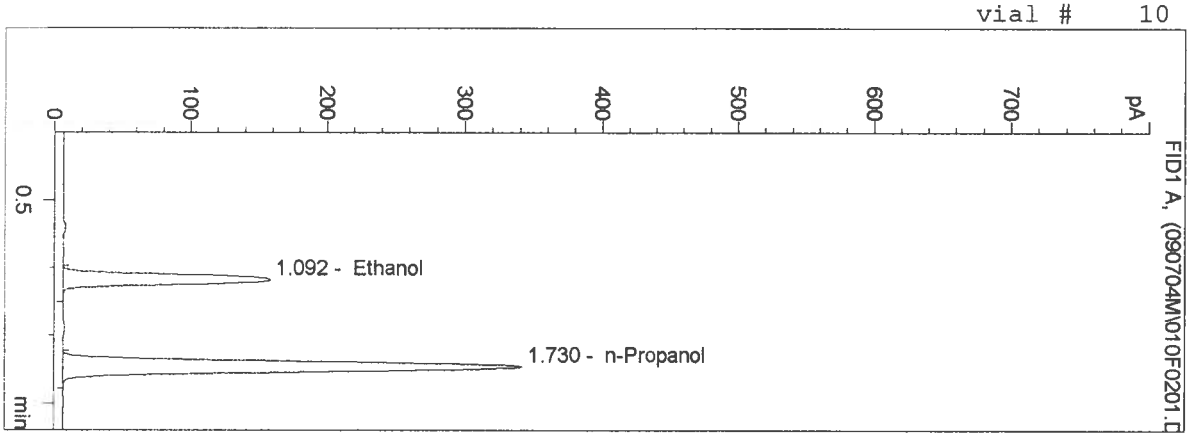
9/7/2004 11:26:42 AM
Instrument 4
DB-ALC1

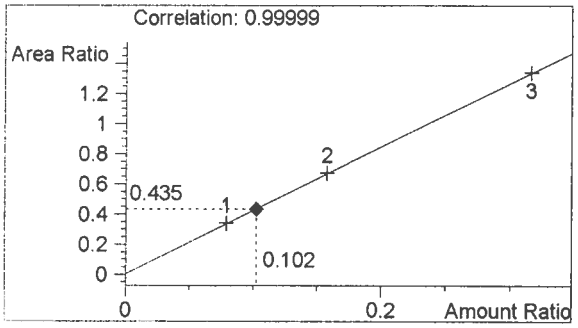
04025 - MW
SIMULATOR SOLUTION

vial # 10

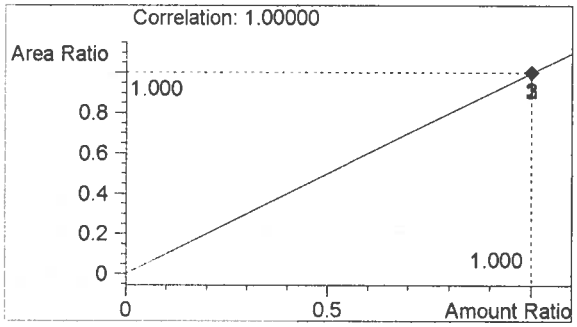


#	Compound	Area	RT
1	Ethanol	732	1.092
2	n-Propanol	1683	1.730

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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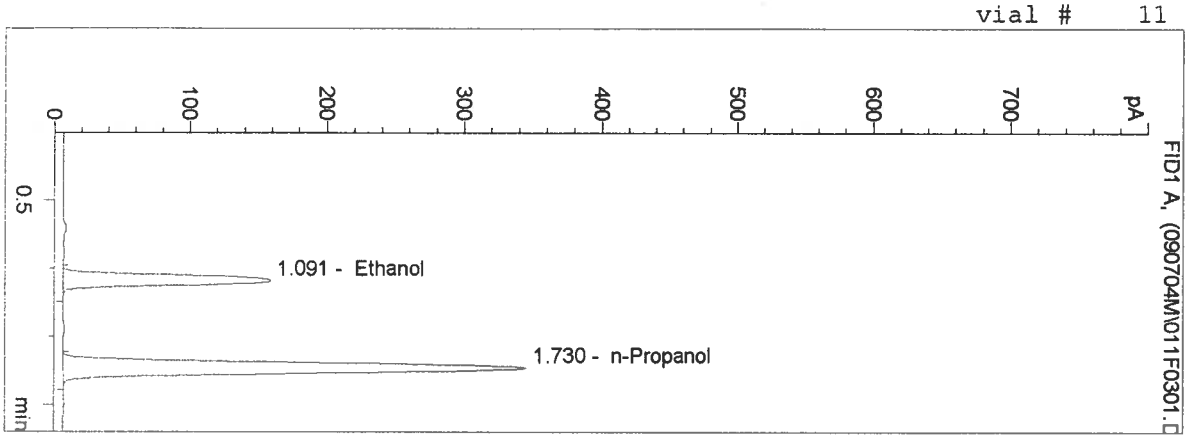
9/7/2004 11:29:51 AM
Instrument 4
DB-ALC1

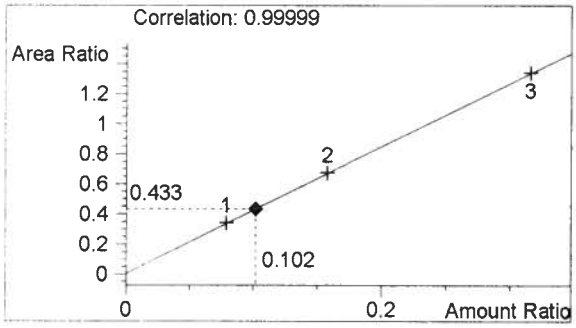
04025 - MW
SIMULATOR SOLUTION

vial # 11

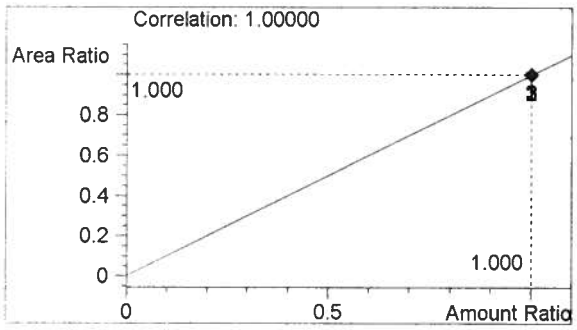


#	Compound	Area	RT
1	Ethanol	740	1.091
2	n-Propanol	1710	1.730

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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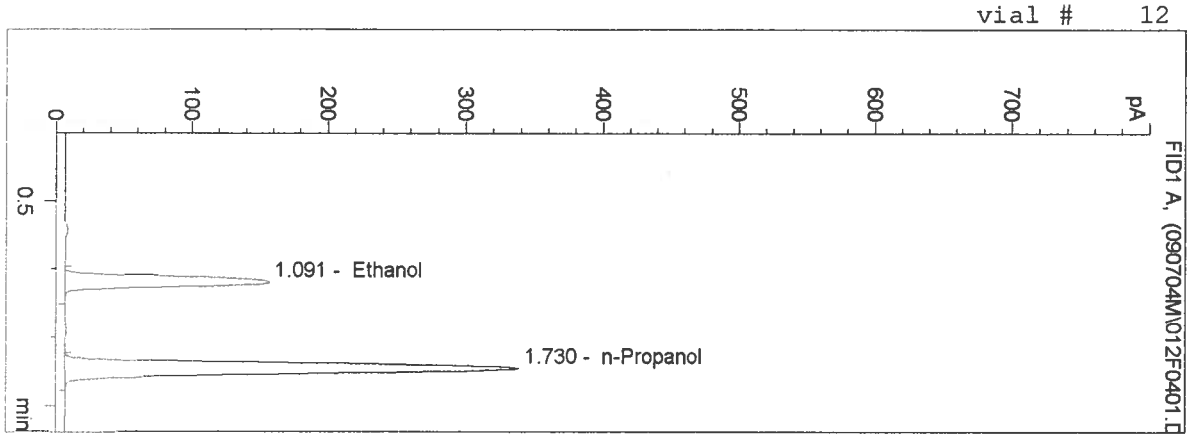
9/7/2004 11:32:57 AM
Instrument 4
DB-ALC1

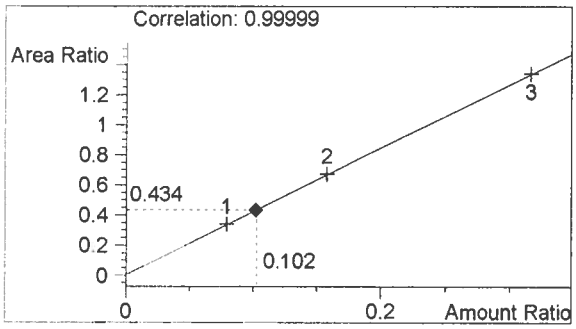
04025 - MW
SIMULATOR SOLUTION

vial # 12

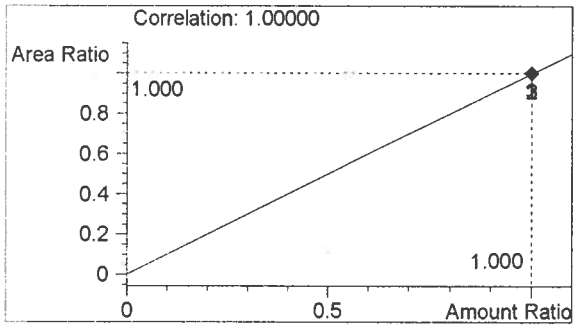


#	Compound	Area	RT
1	Ethanol	726	1.091
2	n-Propanol	1675	1.730

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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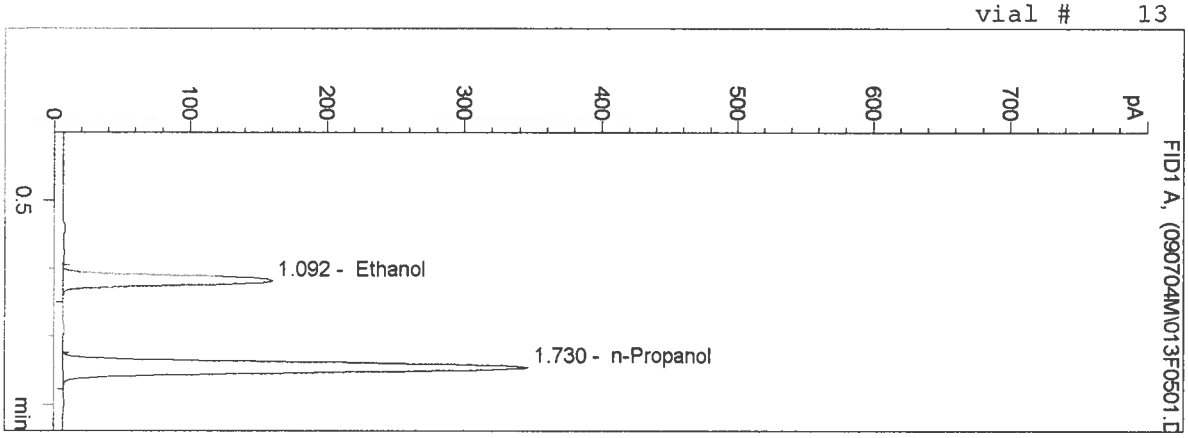
9/7/2004 11:36:00 AM
Instrument 4
DB-ALC1

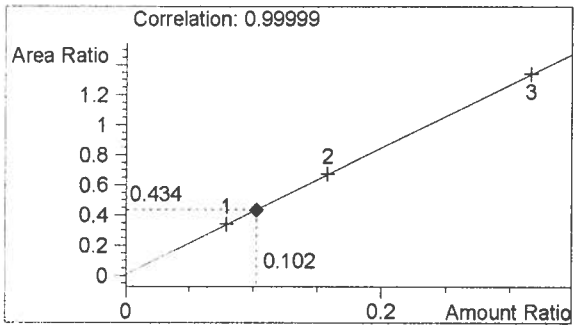
04025 - MW
SIMULATOR SOLUTION

vial # 13

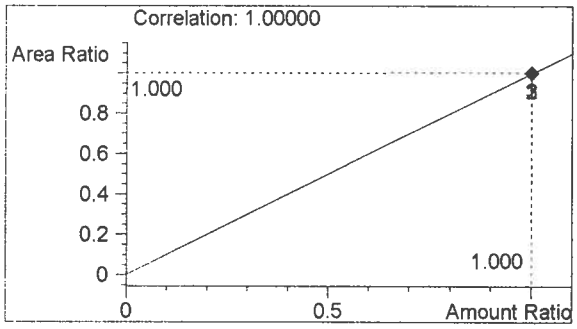


#	Compound	Area	RT
1	Ethanol	740	1.092
2	n-Propanol	1705	1.730

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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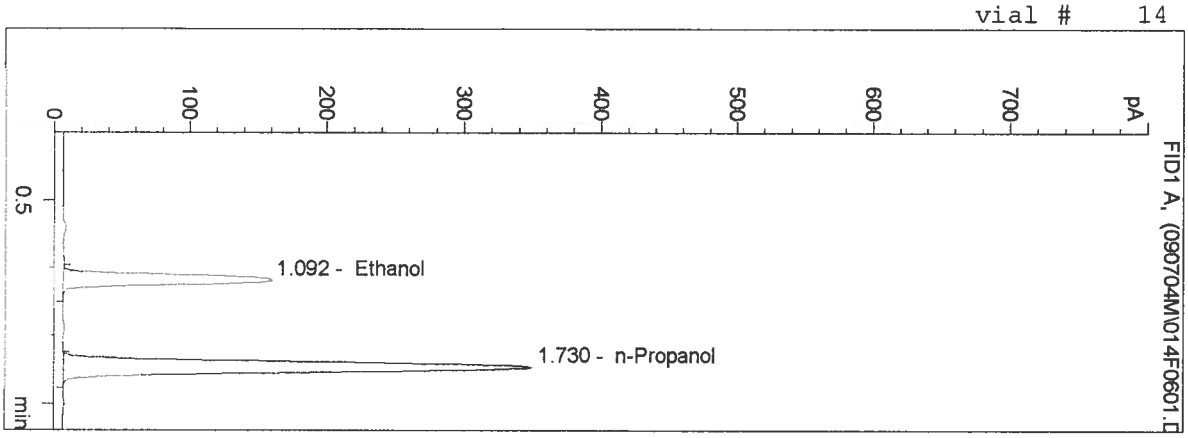
Instrument 4
DB-ALC1

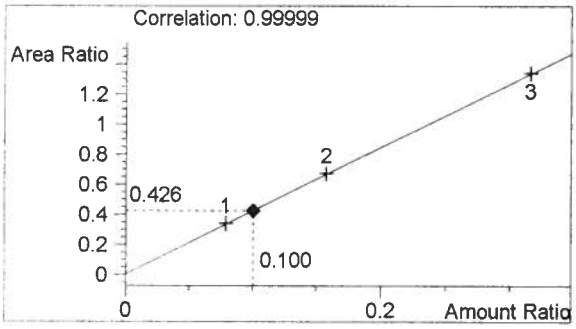
0.10 CONT - MW
SIMULATOR SOLUTION

vial # 14

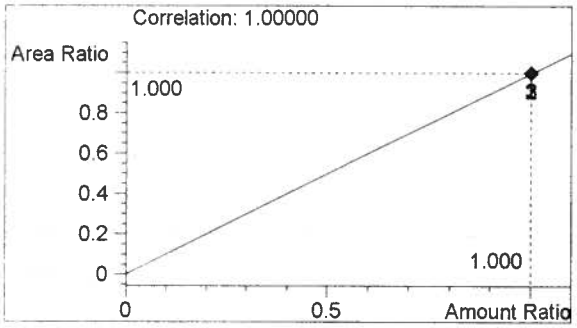


#	Compound	Area	RT
1	Ethanol	731	1.092
2	n-Propanol	1714	1.730

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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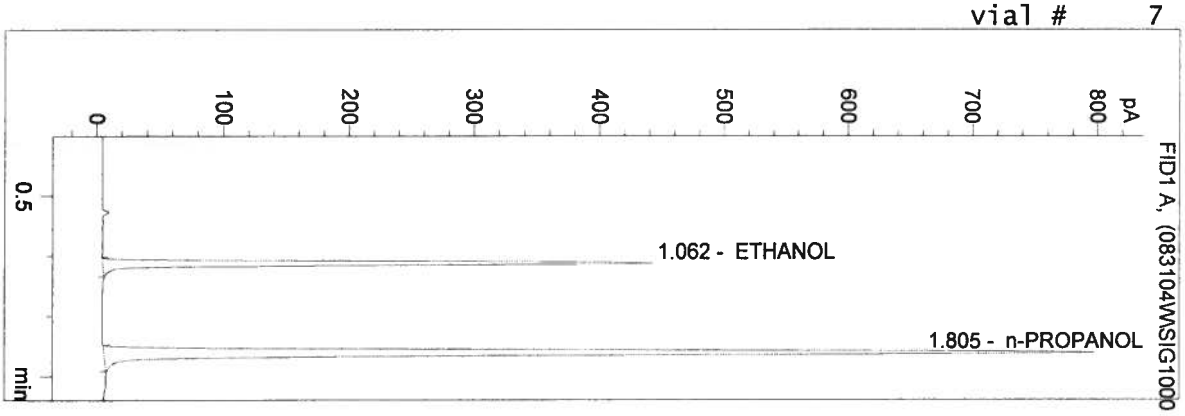
8/31/04 2:19:48 PM
Instrument 3
DB-ALC2

04025 SIM
WP MARSHALL

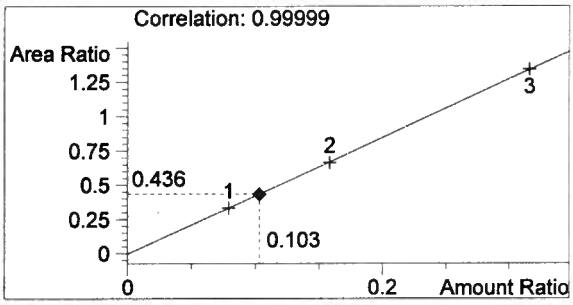
Bottle

vial # 7

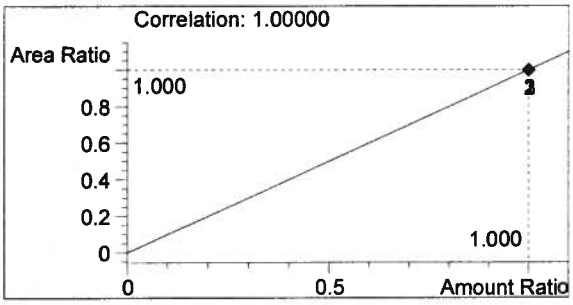


#	Compound	Area	RT
1	ETHANOL	998	1.062
2	n-PROPANOL	2289	1.805

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

Bottle

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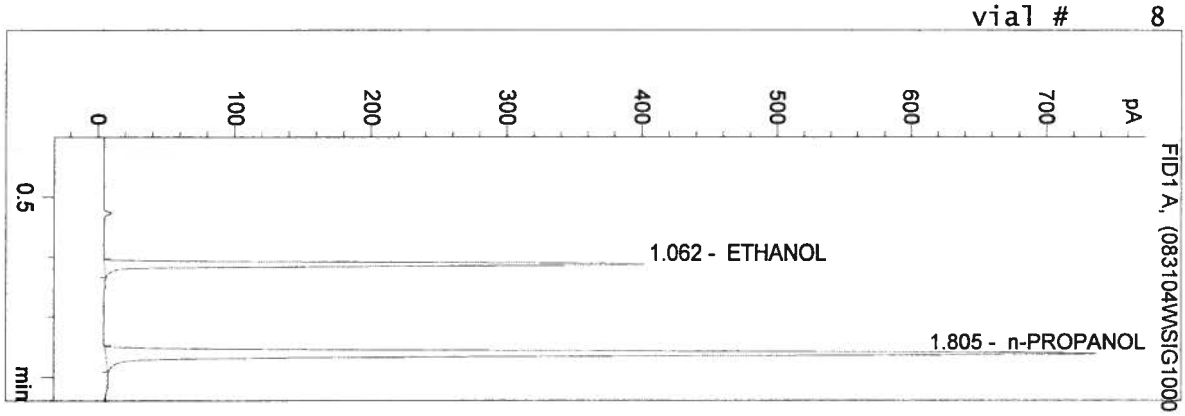
Instrument 3
DB-ALC2

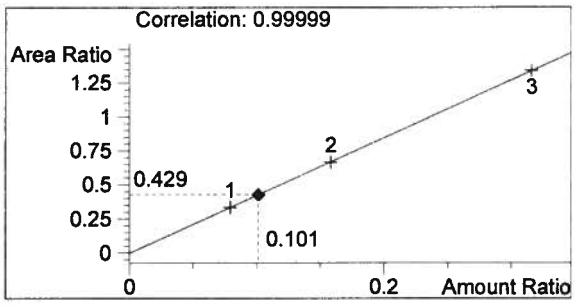
04025 SIM
WP MARSHALL

vial # 8

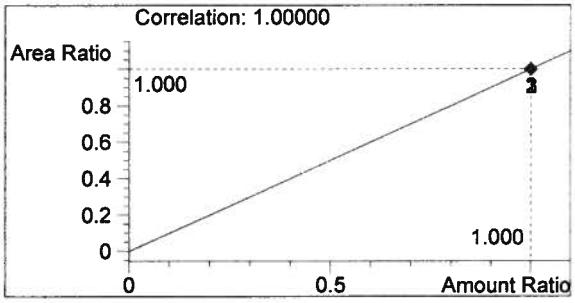


#	Compound	Area	RT
1	ETHANOL	910	1.062
2	n-PROPANOL	2121	1.805

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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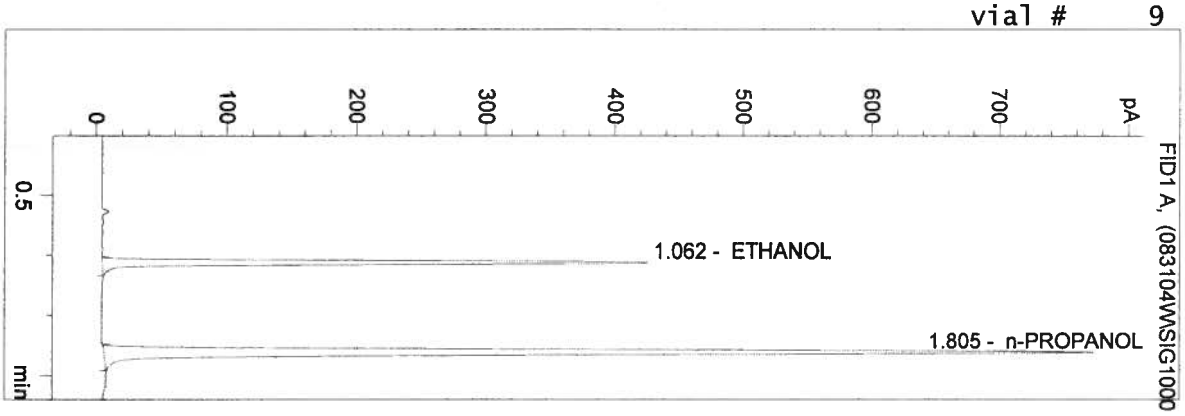
Instrument 3
DB-ALC2

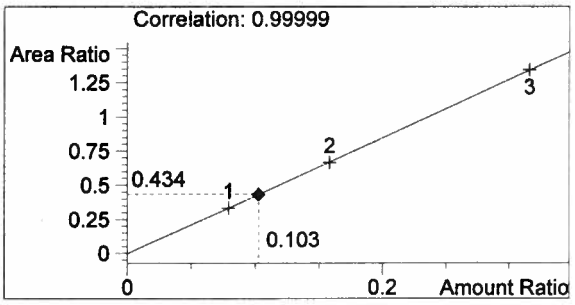
04025 SIM
WP MARSHALL

vial # 9

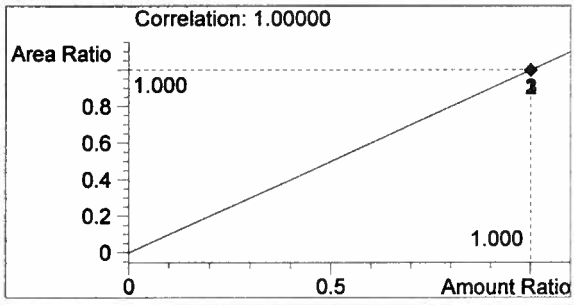


#	Compound	Area	RT
1	ETHANOL	965	1.062
2	n-PROPANOL	2221	1.805

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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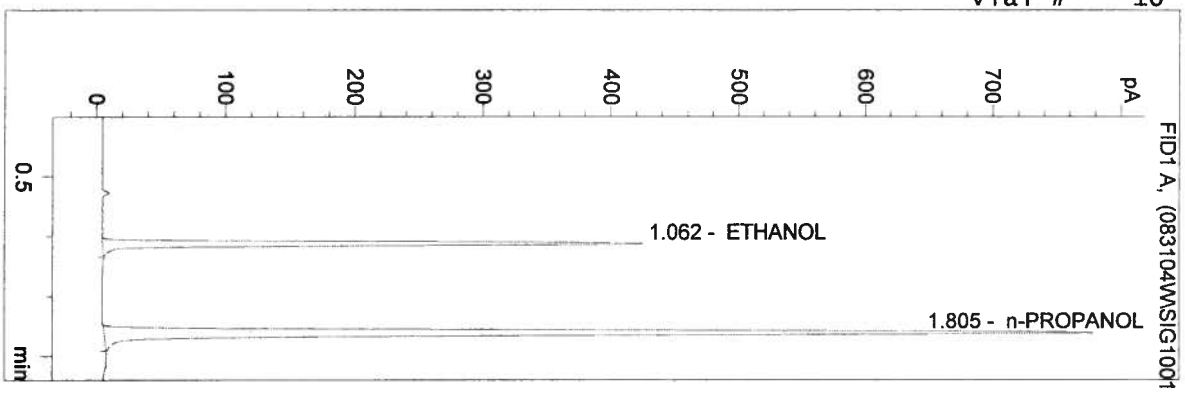
Instrument 3
DB-ALC2

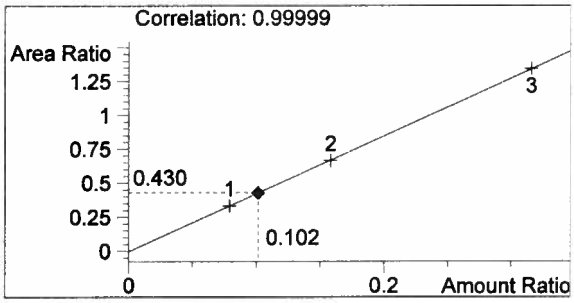
04025 SIM
WP MARSHALL

vial # 10

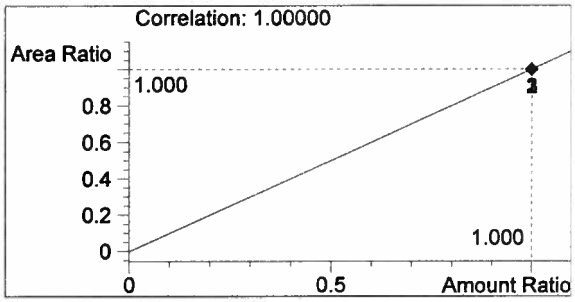


#	Compound	Area	RT
1	ETHANOL	962	1.062
2	n-PROPANOL	2237	1.805

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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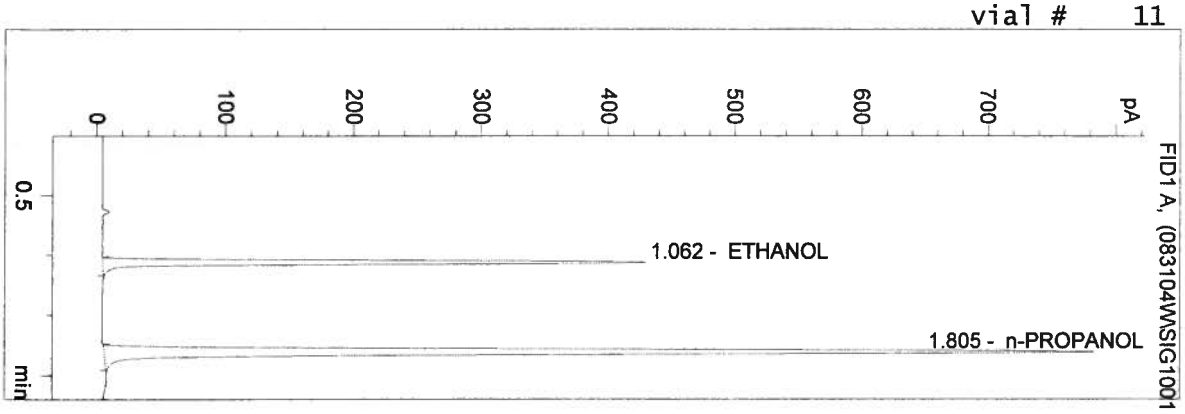
8/31/04 2:32:15 PM
Instrument 3
DB-ALC2

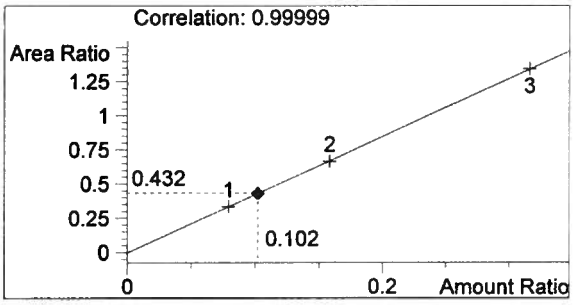
04025 SIM
WP MARSHALL

vial # 11

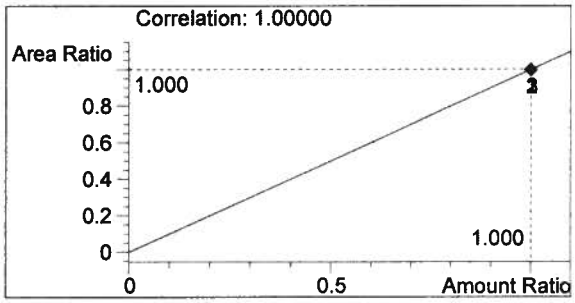


#	Compound	Area	RT
1	ETHANOL	973	1.062
2	n-PROPANOL	2253	1.805

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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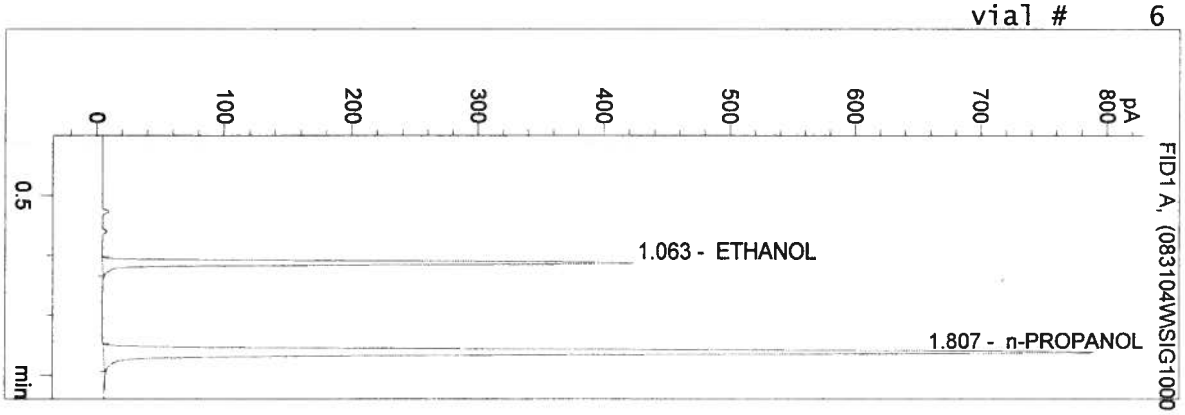
8/31/04 2:16:42 PM
Instrument 3
DB-ALC2

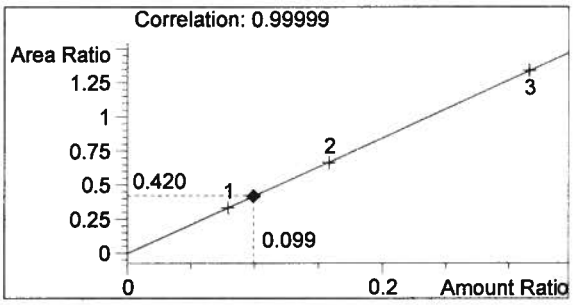
0.10 CONTROL
WP MARSHALL

vial # 6

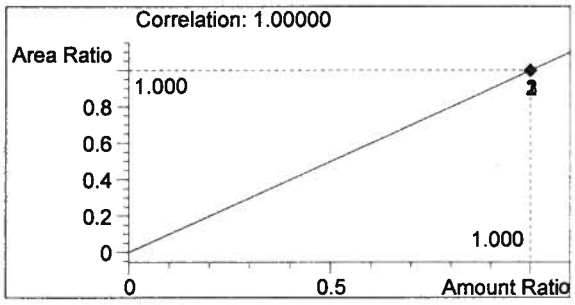


#	Compound	Area	RT
1	ETHANOL	962	1.063
2	n-PROPANOL	2288	1.807

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
DB-ALC2

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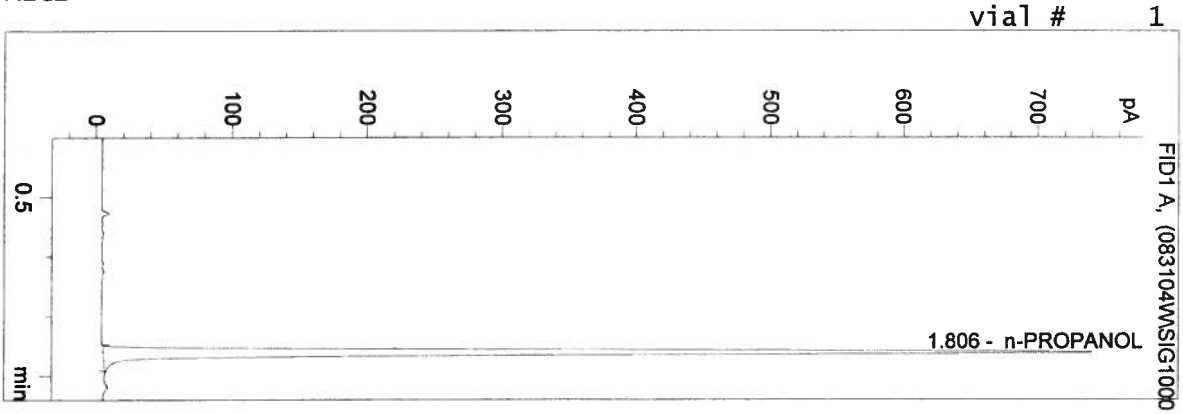
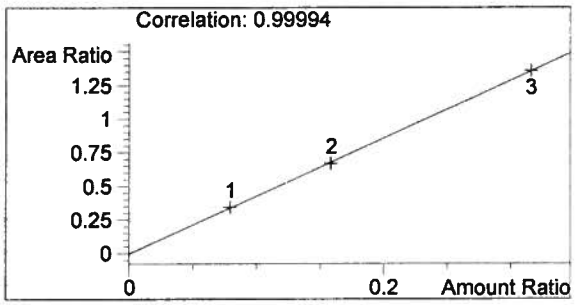
WP MARSHALL

vial # 1

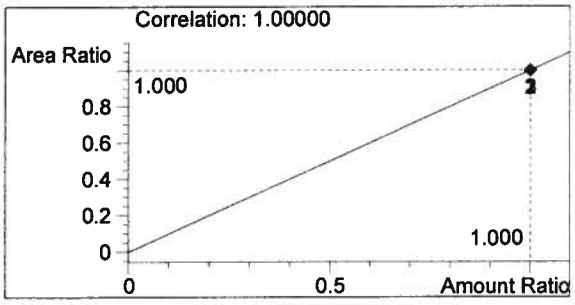


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2131	1.806

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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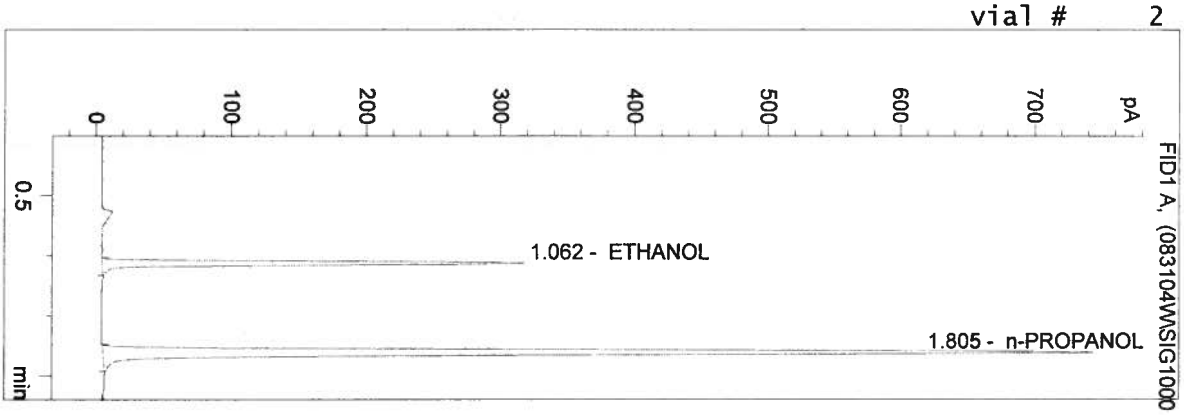
8/31/04 2:04:01 PM
Instrument 3
DB-ALC2

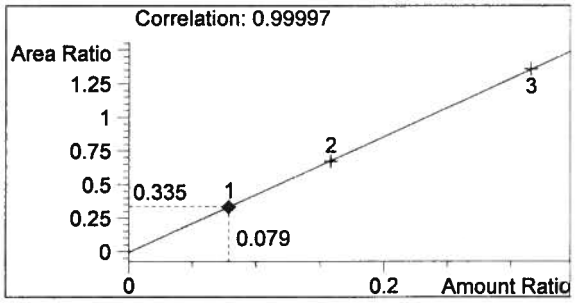
0.079 CAL
WP MARSHALL

vial # 2

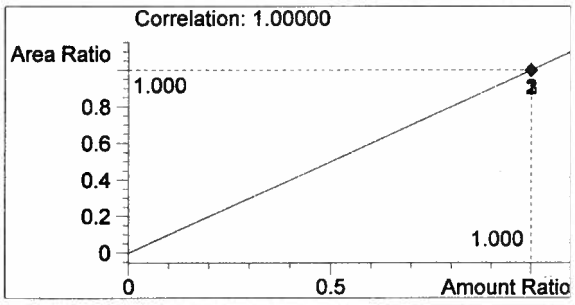


#	Compound	Area	RT
1	ETHANOL	718	1.062
2	n-PROPANOL	2145	1.805

Totals:



ETHANOL 0.079 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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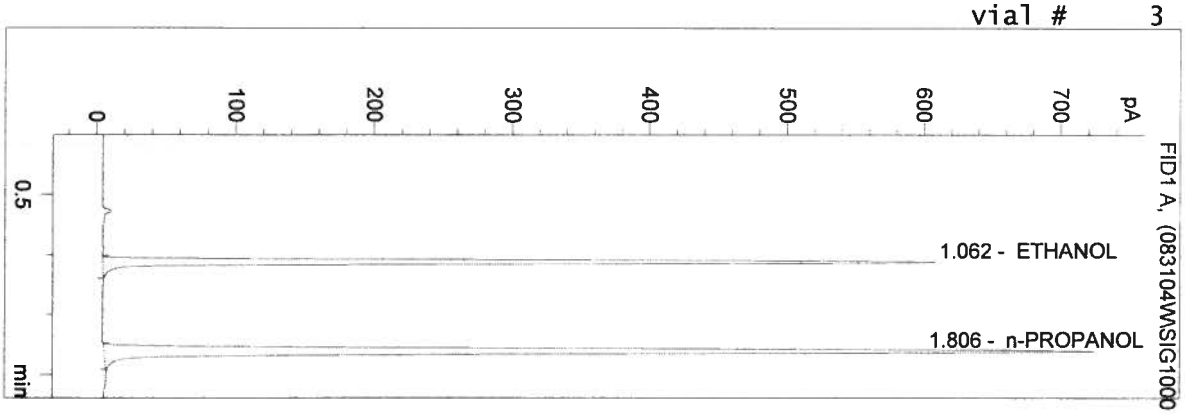
8/31/04 2:07:08 PM
Instrument 3
DB-ALC2

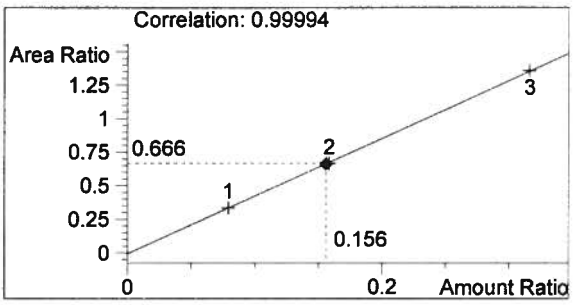
0.158 CAL
WP MARSHALL

vial # 3

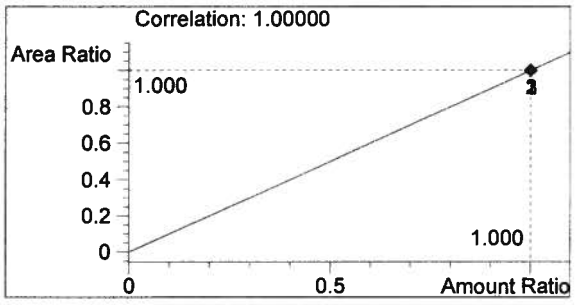


#	Compound	Area	RT
1	ETHANOL	1386	1.062
2	n-PROPANOL	2083	1.806

Totals:



ETHANOL 0.156 g/100mL



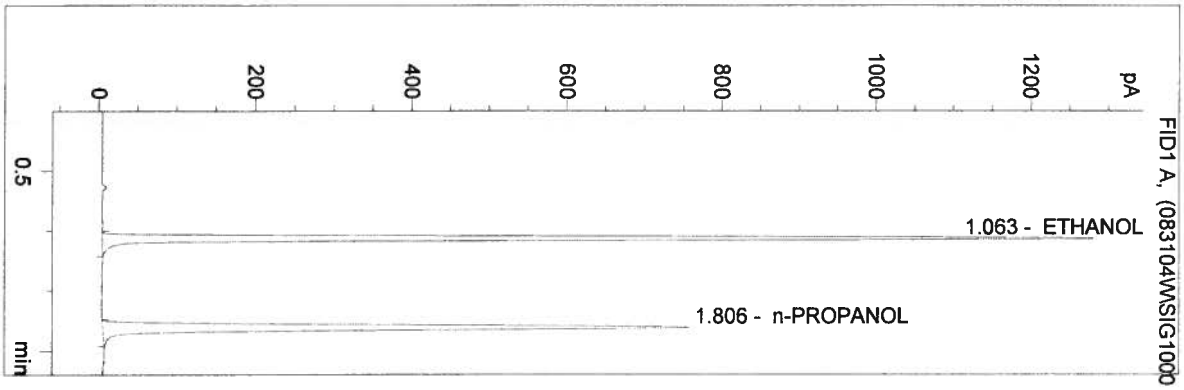
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/31/04 2:10:15 PM
Instrument 3
DB-ALC2

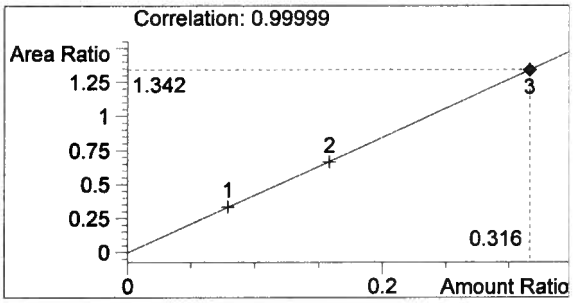
0.316 CAL
WP MARSHALL

vial # 4

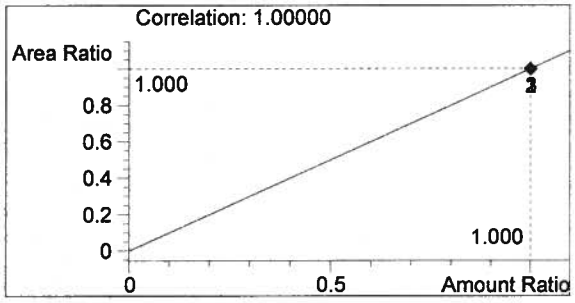


#	Compound	Area	RT
1	ETHANOL	2930	1.063
2	n-PROPANOL	2183	1.806

Totals:



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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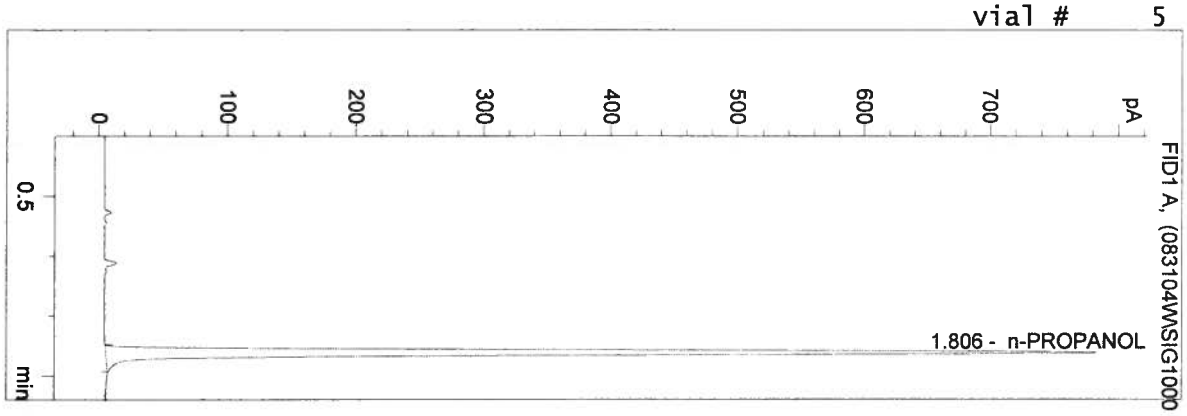
Instrument 3
DB-ALC2

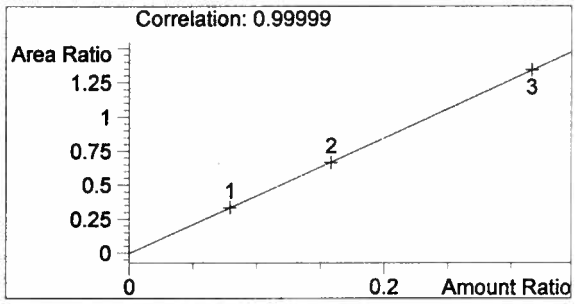
BLANK
WP MARSHALL

vial # 5

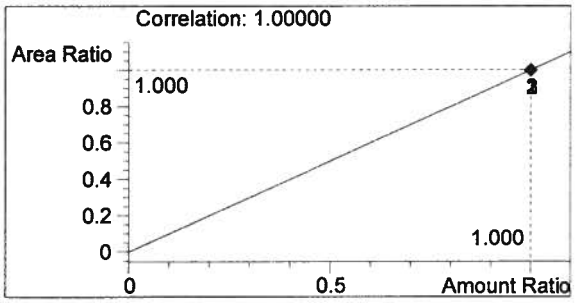


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2269	1.806

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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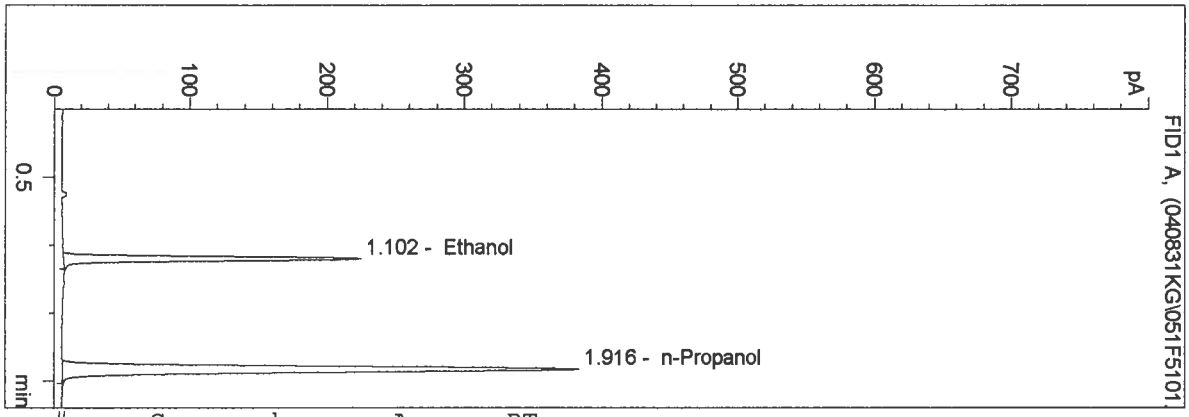
Instrument 5
DB-ALC2

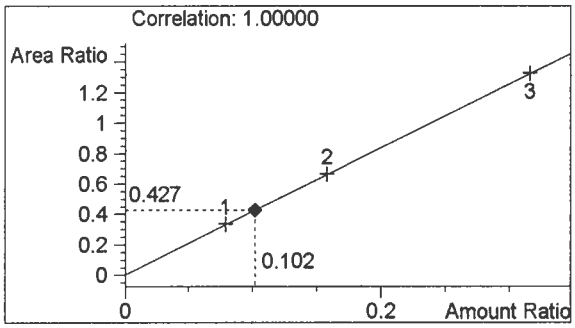
SIM 04025 #1
Kari Gruendell

vial # 51

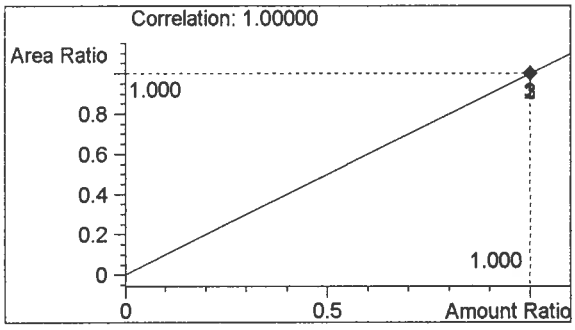


#	Compound	Area	RT
1	Ethanol	491	1.102
2	n-Propanol	1150	1.916

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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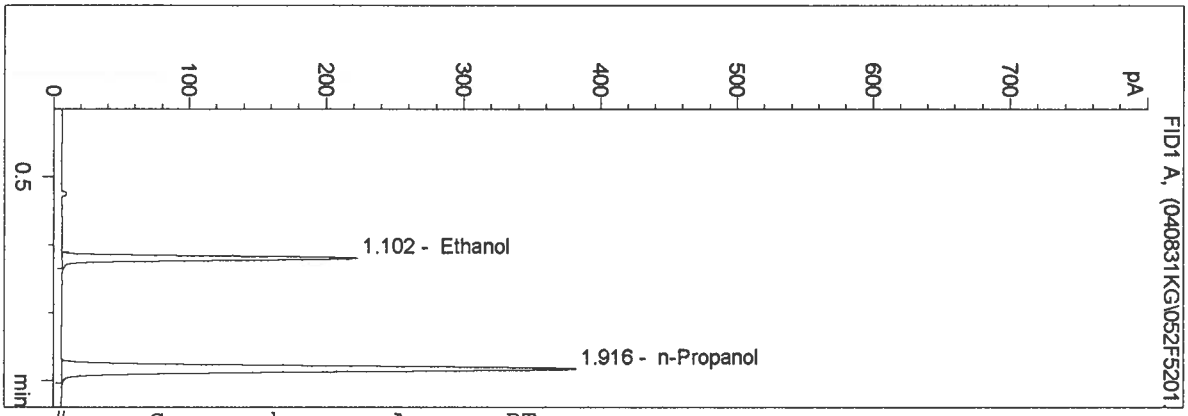
8/31/2004 8:52:17 PM
Instrument 5
DB-ALC2

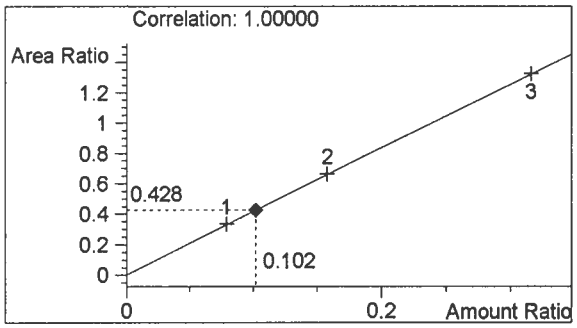
SIM 04025 #2
Kari Gruendell

vial # 52

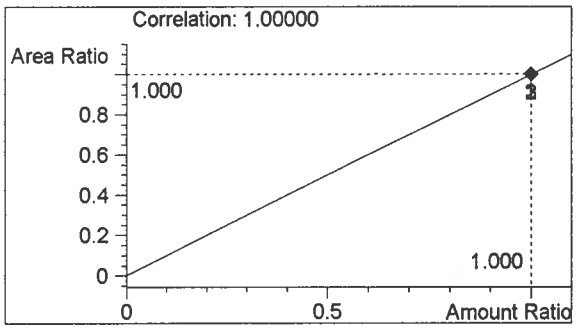


#	Compound	Area	RT
1	Ethanol	489	1.102
2	n-Propanol	1144	1.916

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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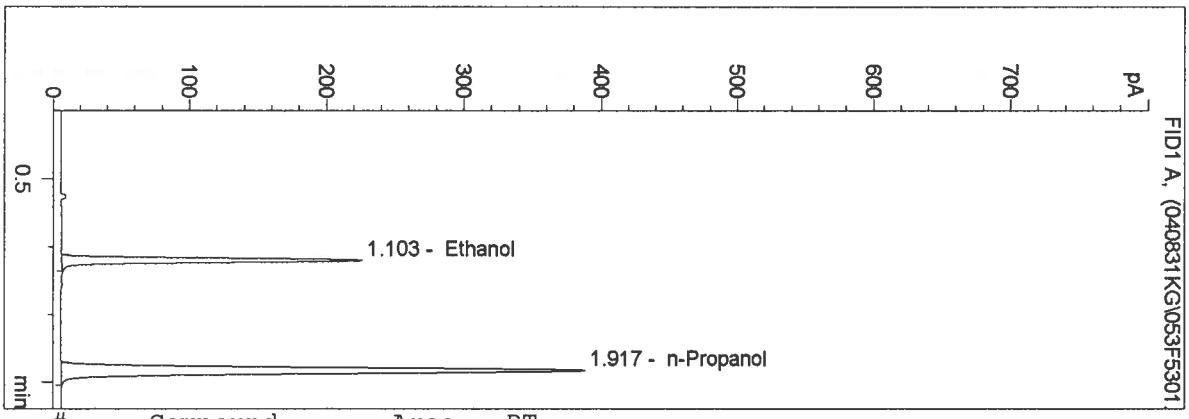
8/31/2004 8:55:37 PM
Instrument 5
DB-ALC2

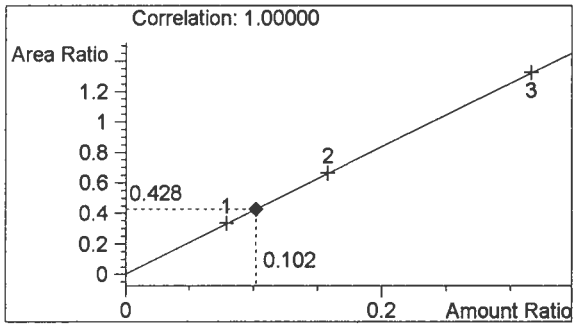
SIM 04025 #3
Kari Gruendell

vial # 53

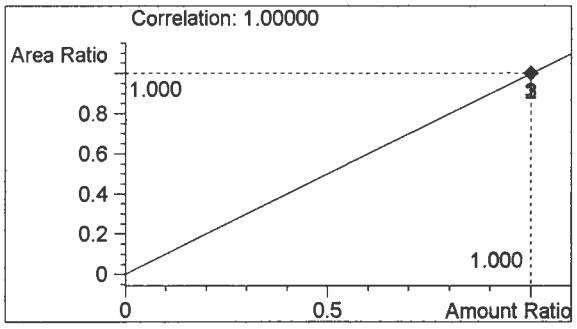


#	Compound	Area	RT
1	Ethanol	498	1.103
2	n-Propanol	1166	1.917

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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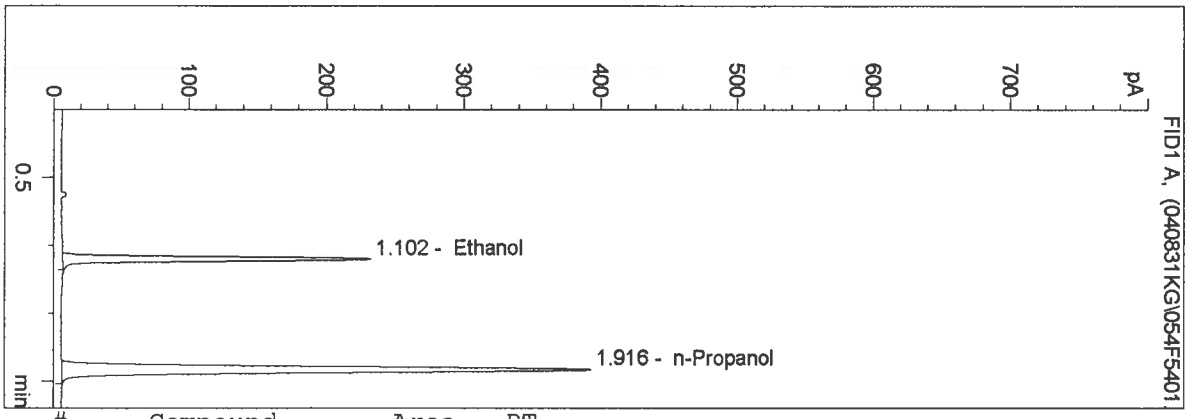
Instrument 5
DB-ALC2

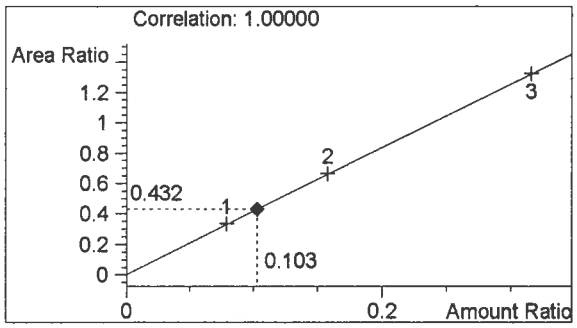
SIM 04025 #4
Kari Gruendell

vial # 54

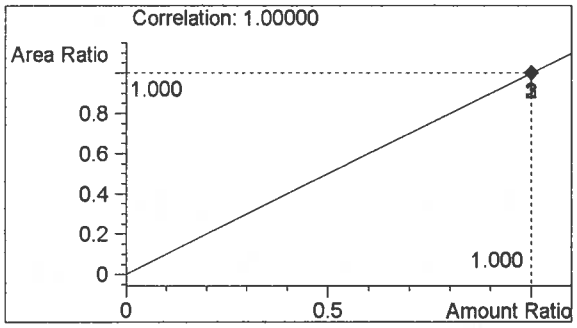


#	Compound	Area	RT
1	Ethanol	509	1.102
2	n-Propanol	1178	1.916

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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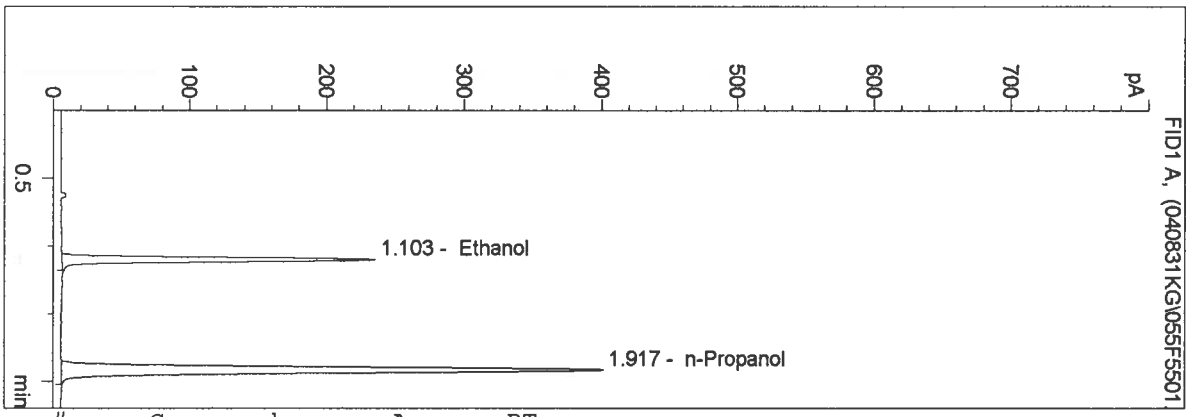
8/31/2004 9:01:23 PM
Instrument 5
DB-ALC2

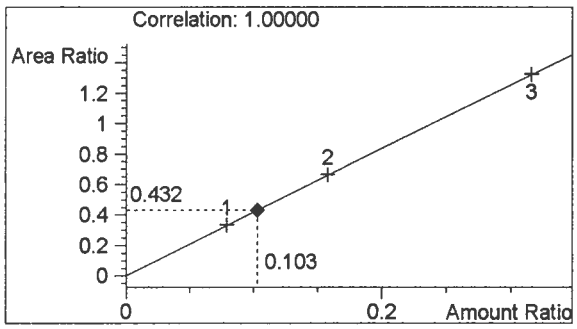
SIM 04025 #5
Kari Gruendell

vial # 55

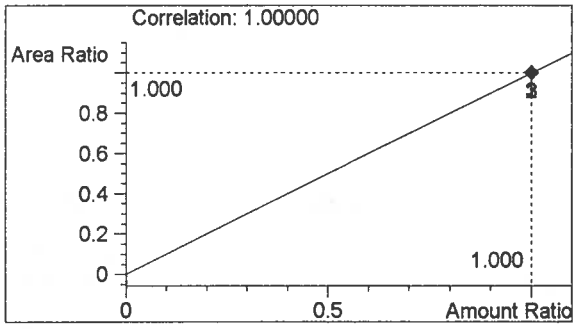


#	Compound	Area	RT
1	Ethanol	521	1.103
2	n-Propanol	1206	1.917

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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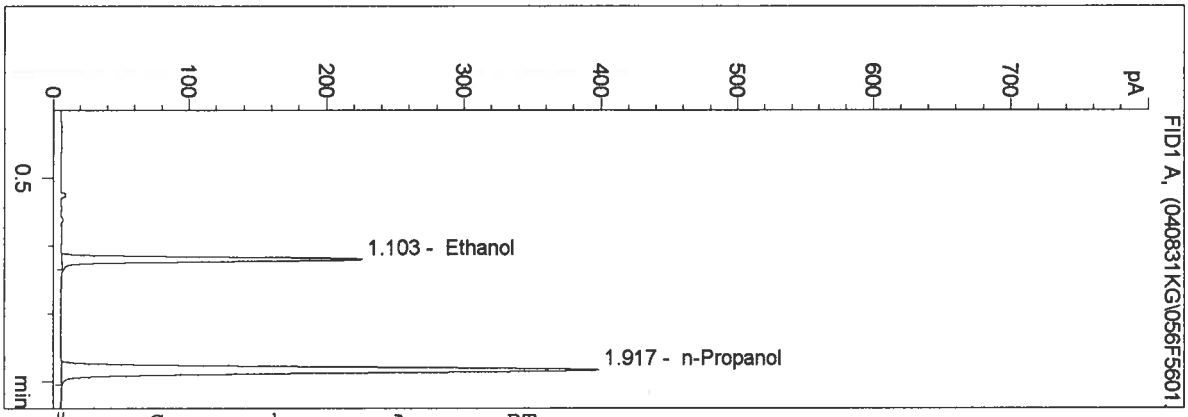
8/31/2004 9:04:16 PM
Instrument 5
DB-ALC2

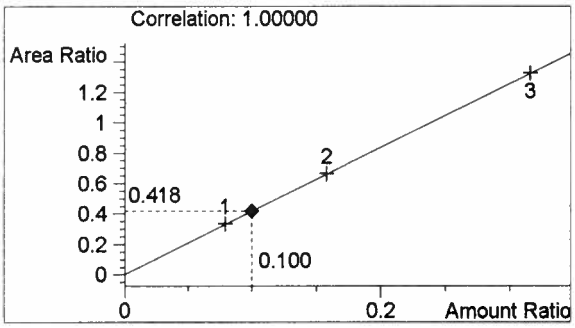
0.10 CONTROL
Kari Gruendell

vial # 56

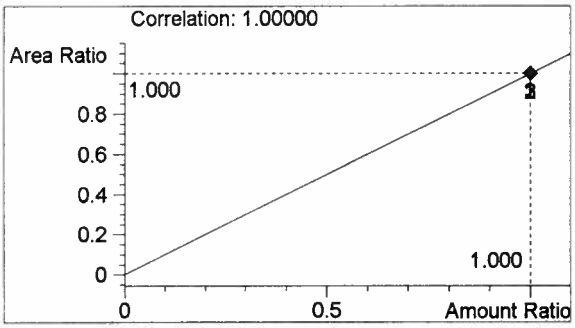


#	Compound	Area	RT
1	Ethanol	502	1.103
2	n-Propanol	1201	1.917

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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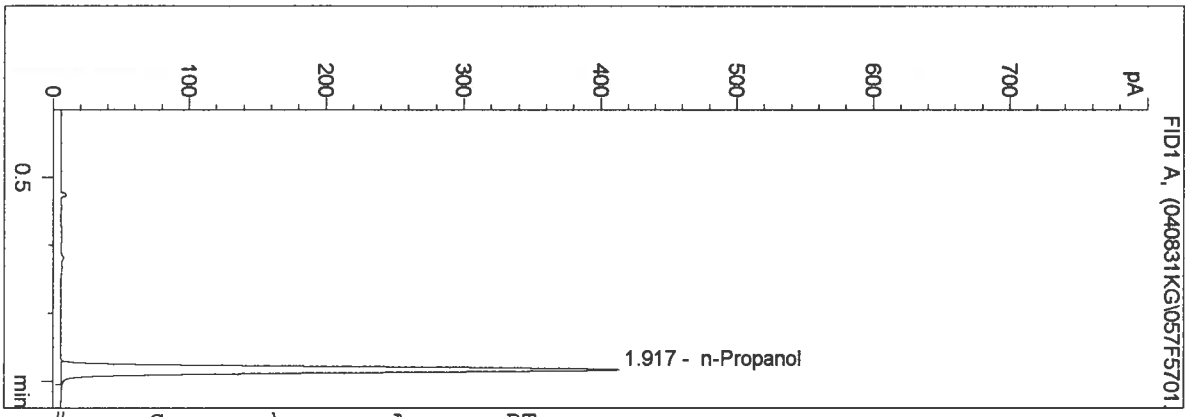
8/31/2004 9:07:31 PM
Instrument 5
DB-ALC2

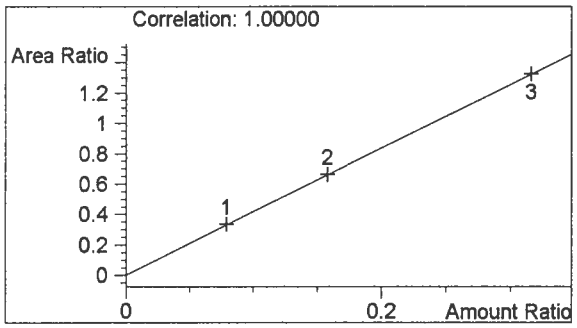
BLANK
Kari Gruendell

vial # 57

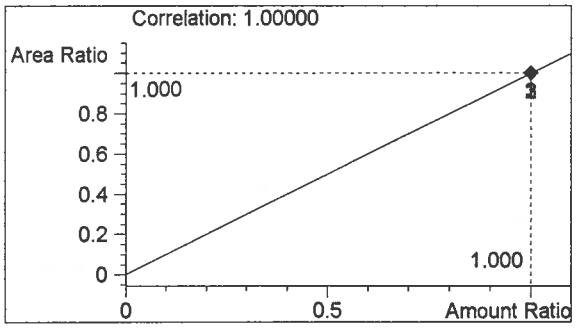


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1248	1.917

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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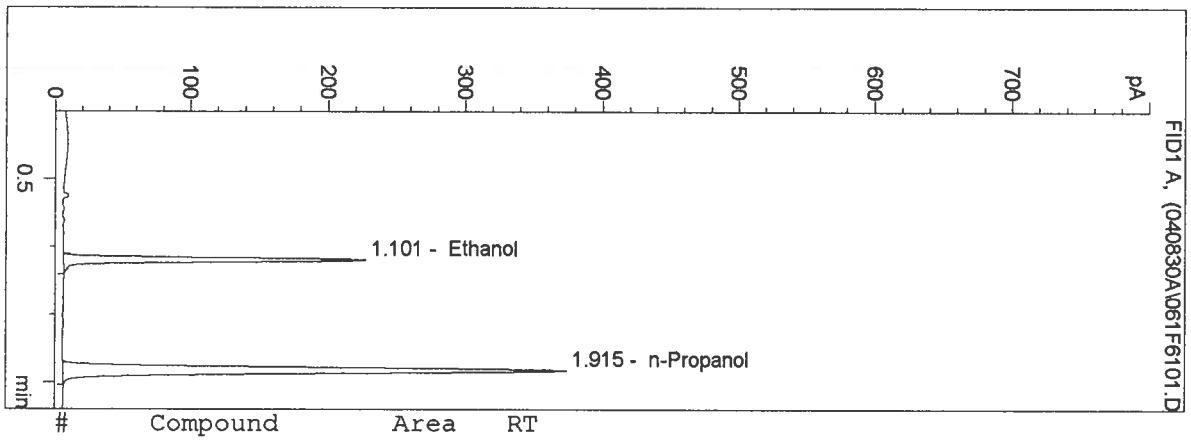
8/30/2004 12:08:24 PM
Instrument 5
DB-ALC2

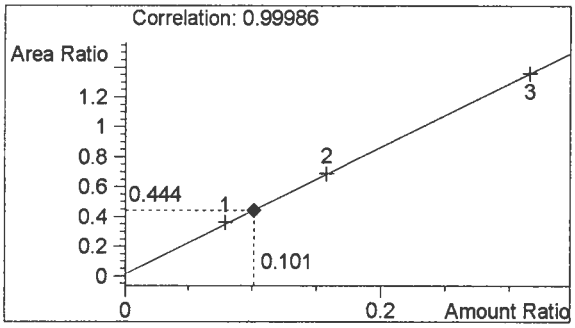
04025a
alouis

vial # 61

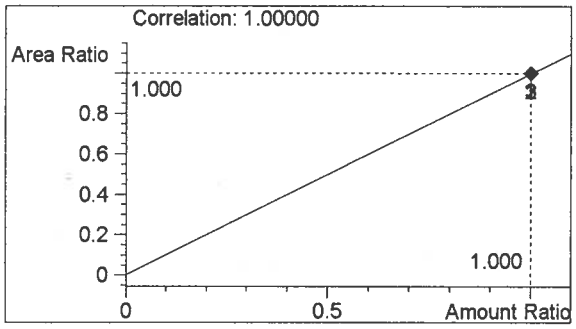


#	Compound	Area	RT
1	Ethanol	493	1.101
2	n-Propanol	1110	1.915

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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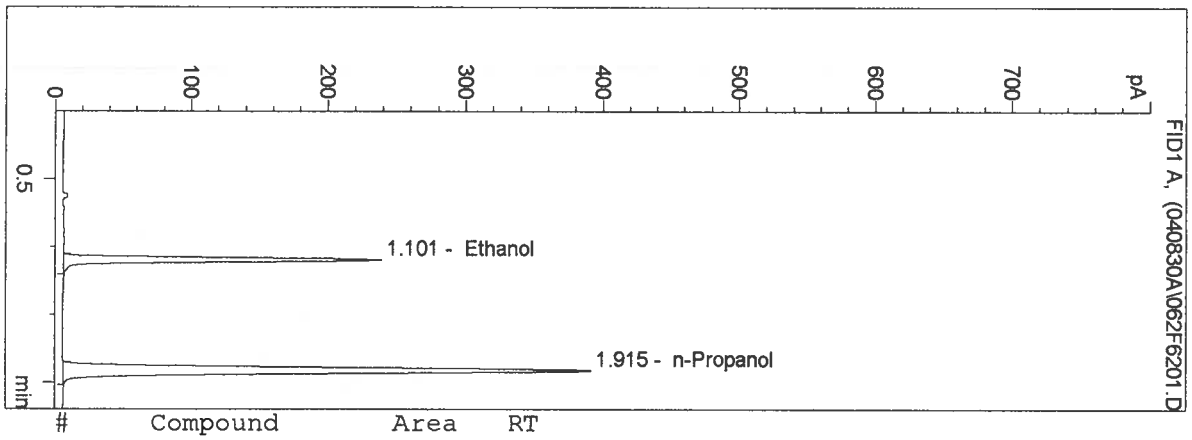
Instrument 5
DB-ALC2

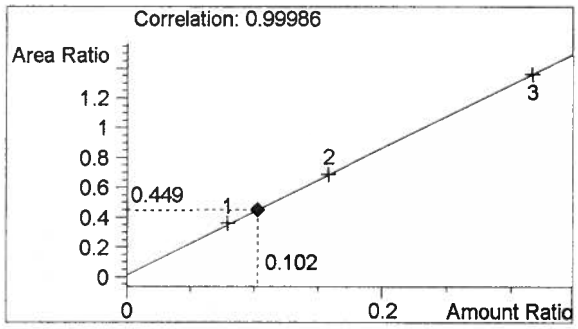
04025b
alouis

vial # 62

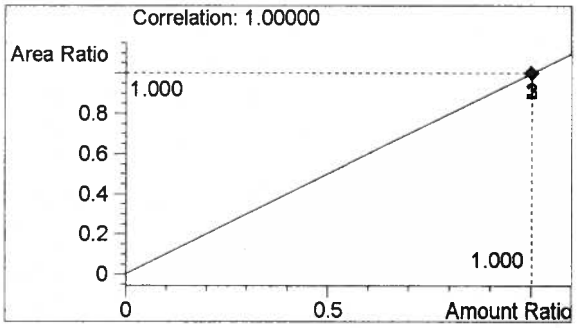


#	Compound	Area	RT
1	Ethanol	525	1.101
2	n-Propanol	1169	1.915

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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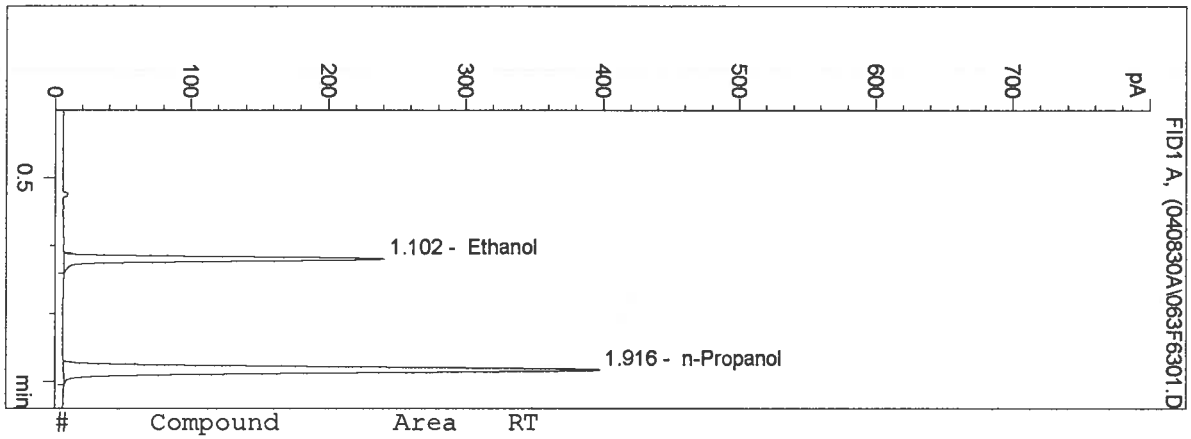
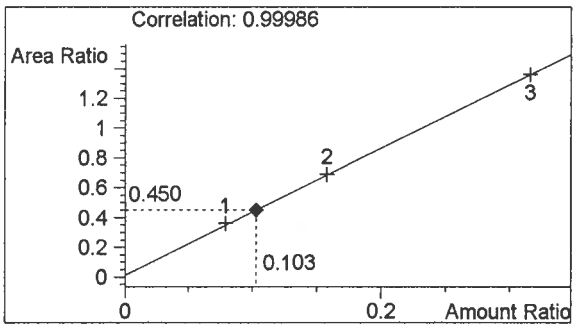
8/30/2004 12:14:26 PM 04025c
Instrument 5 alouis
DB-ALC2

vial # 63

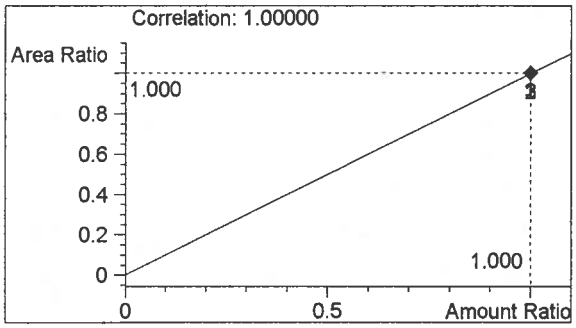


#	Compound	Area	RT
1	Ethanol	537	1.102
2	n-Propanol	1193	1.916

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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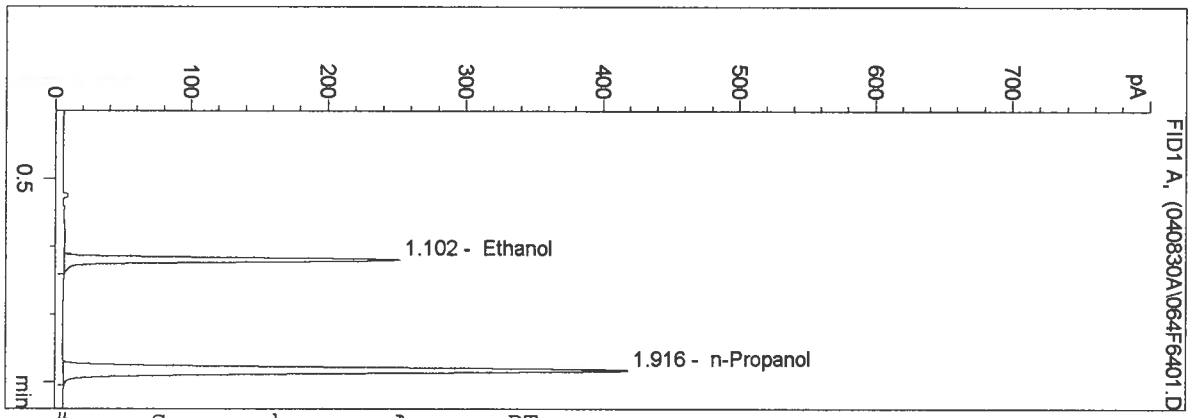
8/30/2004 12:17:29 PM
Instrument 5
DB-ALC2

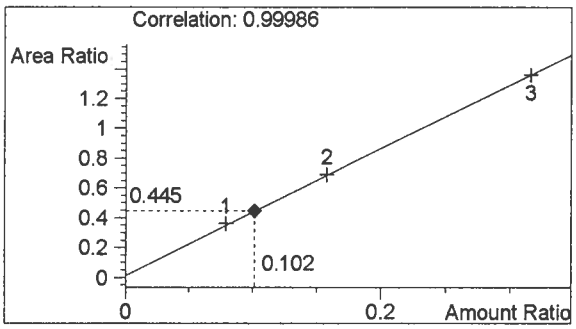
04025d
alouis

vial # 64

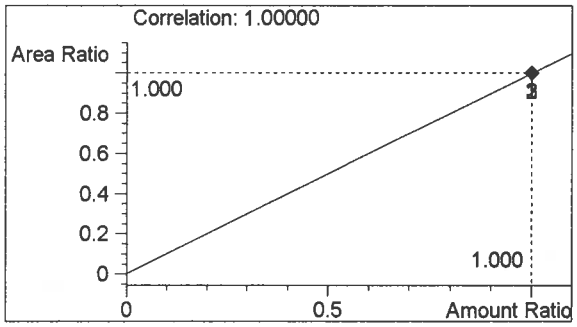


#	Compound	Area	RT
1	Ethanol	559	1.102
2	n-Propanol	1257	1.916

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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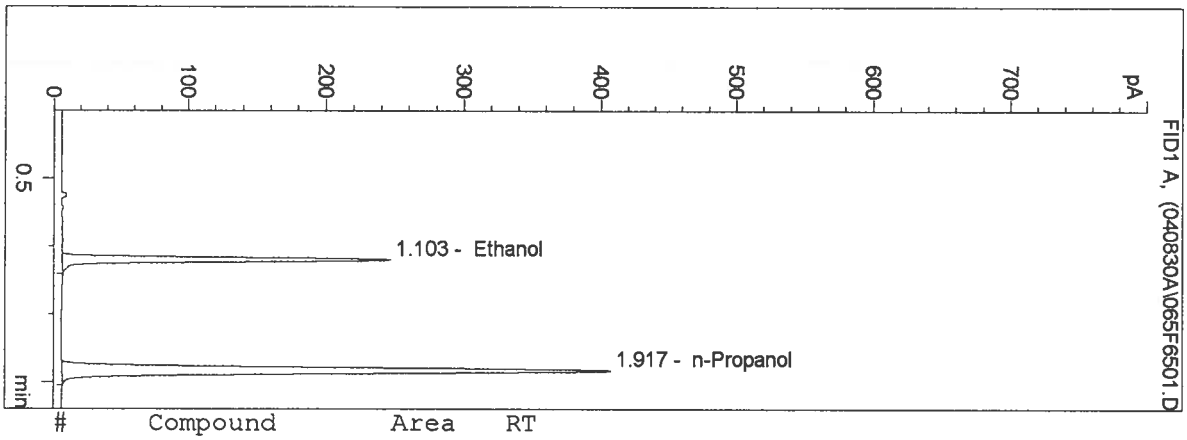
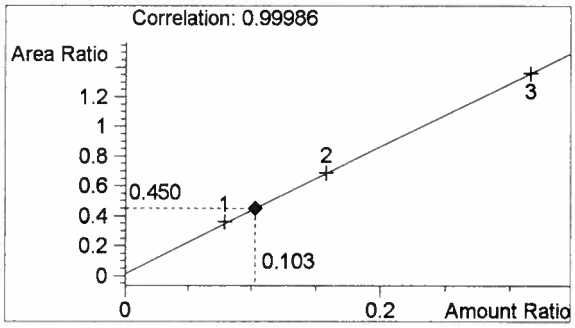
8/30/2004 12:20:25 PM 04025e
Instrument 5 alouis
DB-ALC2

vial # 65

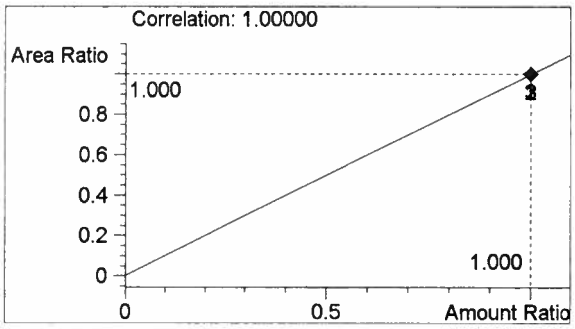


#	Compound	Area	RT
1	Ethanol	552	1.103
2	n-Propanol	1226	1.917

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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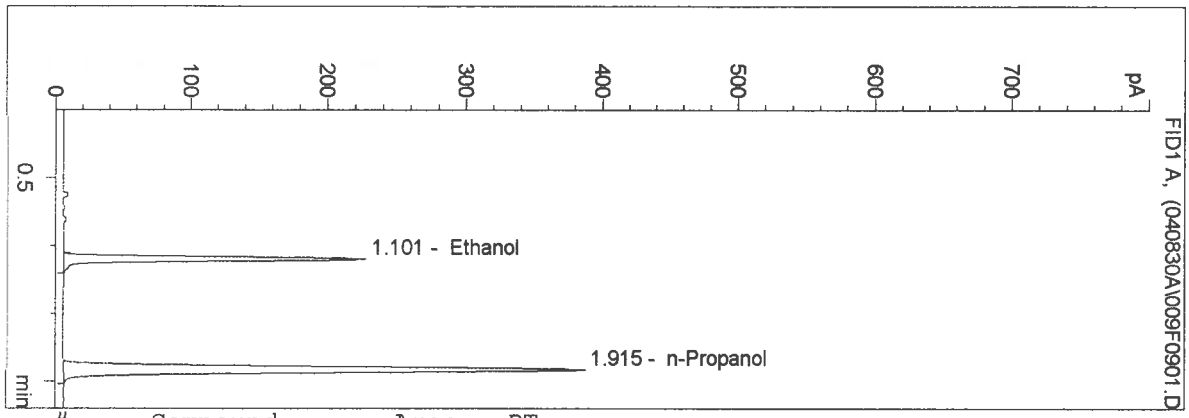
8/30/2004 9:33:03 AM
Instrument 5
DB-ALC2

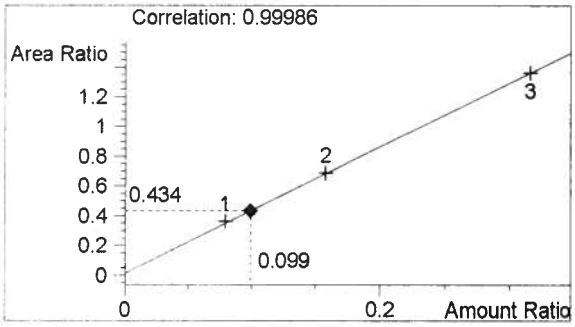
0.10 con al
alouis

vial # 9

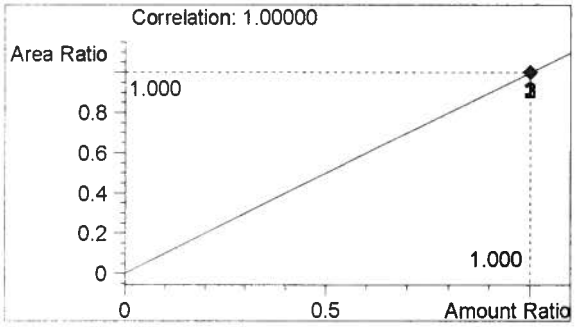


#	Compound	Area	RT
1	Ethanol	503	1.101
2	n-Propanol	1159	1.915

Totals:



Ethanol 0.099 g/100ml



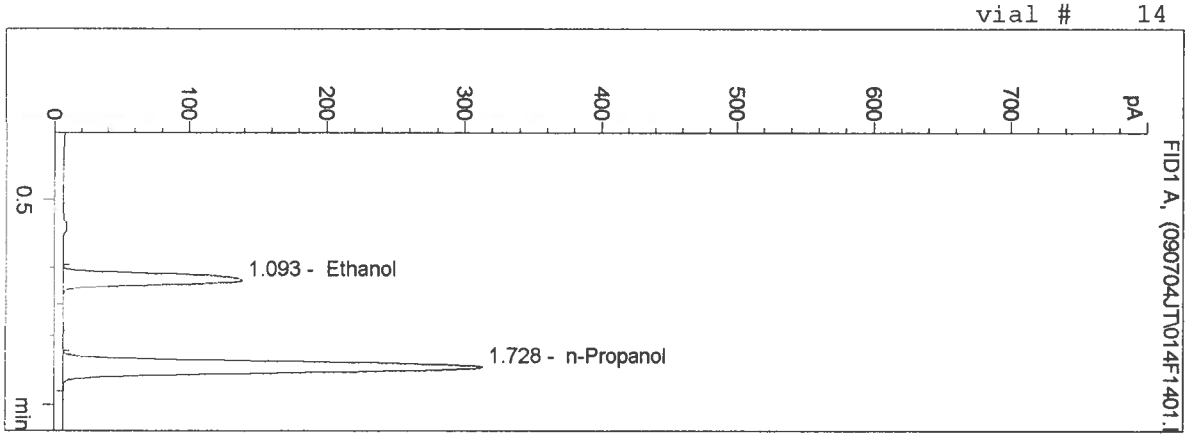
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/7/2004 1:52:00 PM
Instrument 4
DB-ALC1

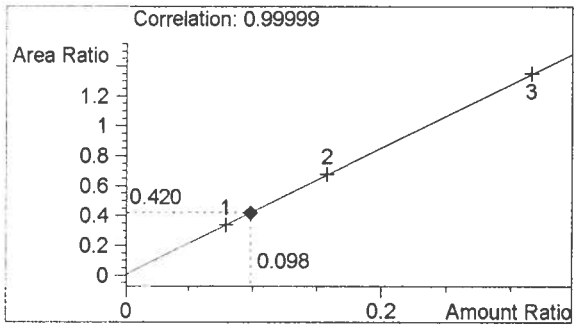
SimSoln 04025
Jayne E. Clarkson

vial # 14

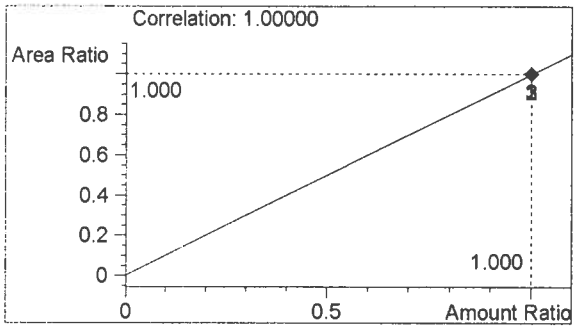


#	Compound	Area	RT
1	Ethanol	696	1.093
2	n-Propanol	1657	1.728

Totals:



Ethanol 0.098 g/100ml



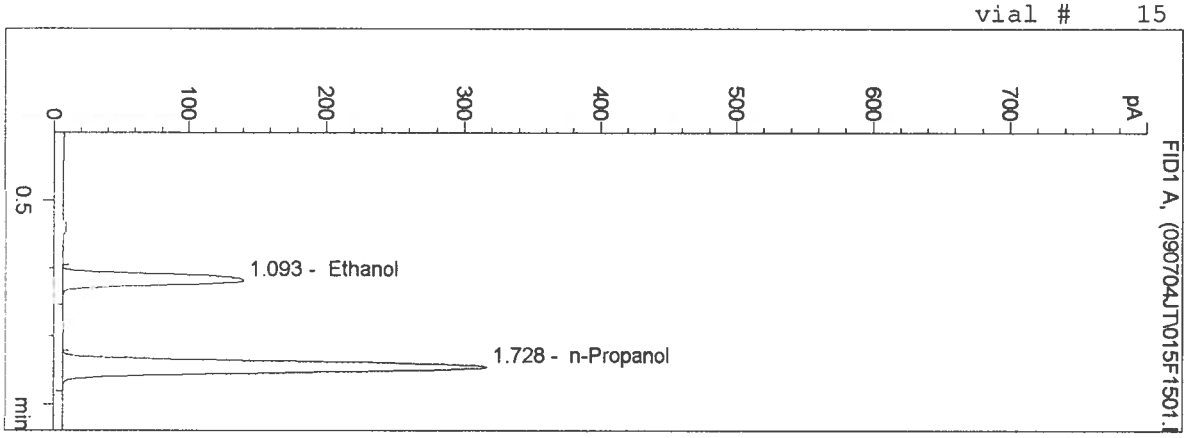
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/7/2004 1:55:07 PM
Instrument 4
DB-ALC1

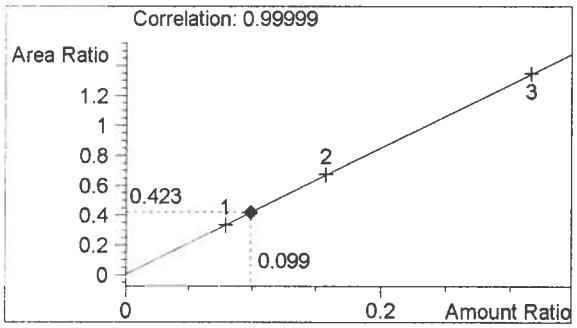
SimSoln 04025
Jayne E. Clarkson

vial # 15

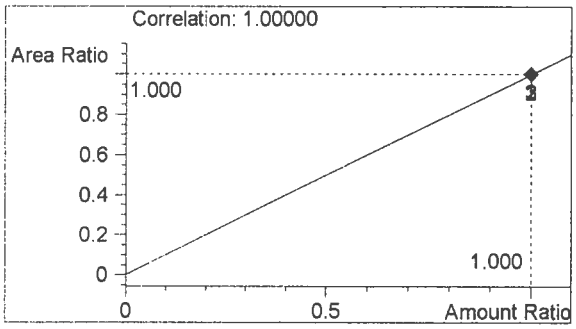


#	Compound	Area	RT
1	Ethanol	705	1.093
2	n-Propanol	1669	1.728

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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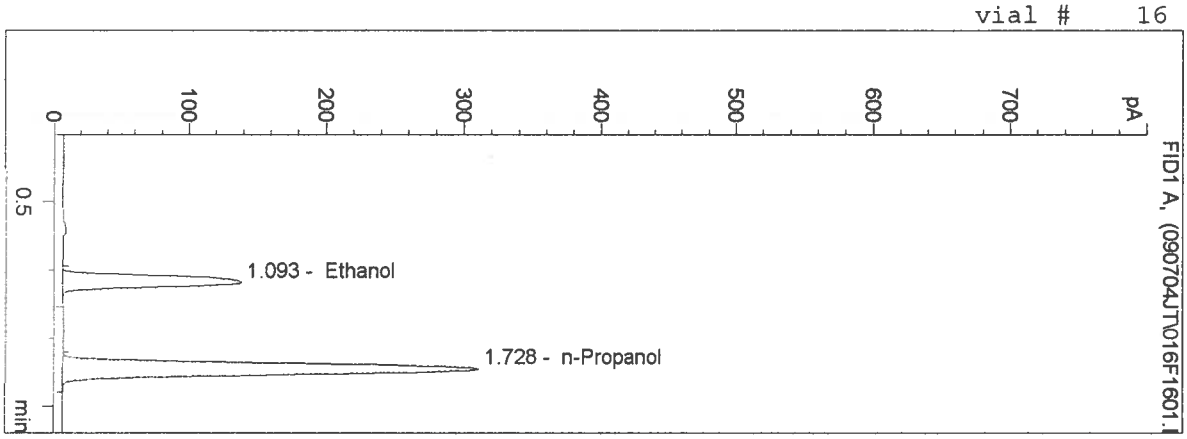
9/7/2004 1:58:13 PM
Instrument 4
DB-ALC1

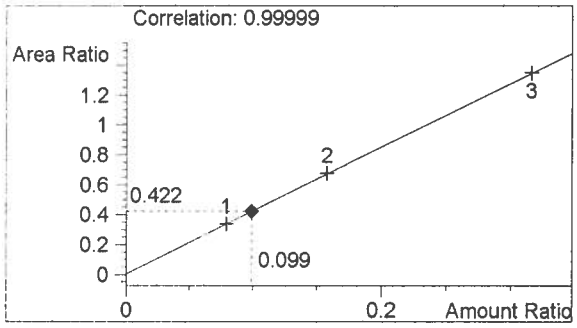
SimSoln 04025
Jayne E. Clarkson

vial # 16

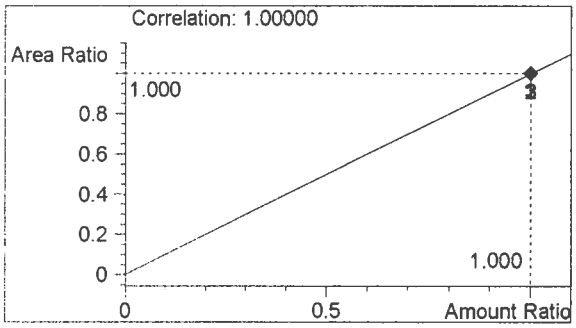


#	Compound	Area	RT
1	Ethanol	690	1.093
2	n-Propanol	1636	1.728

Totals:



Ethanol 0.099 g/100ml



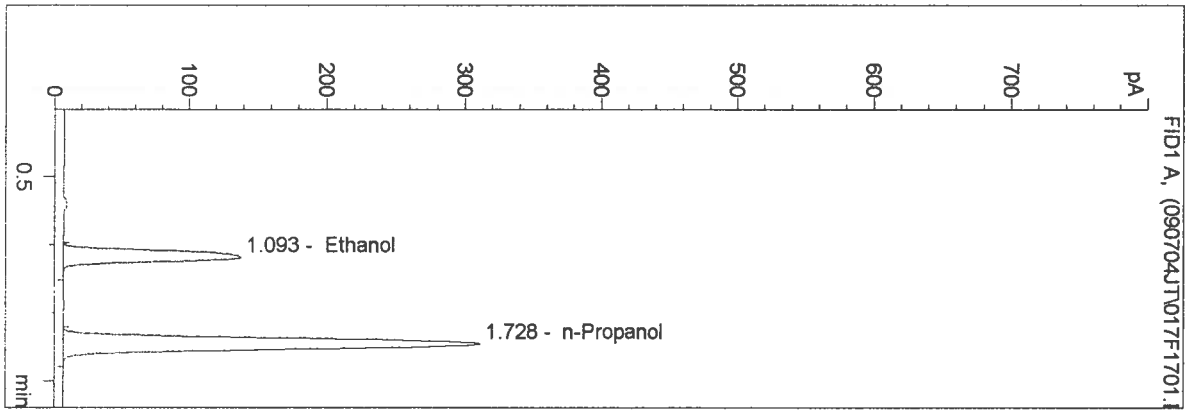
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/7/2004 2:01:18 PM
Instrument 4
DB-ALC1

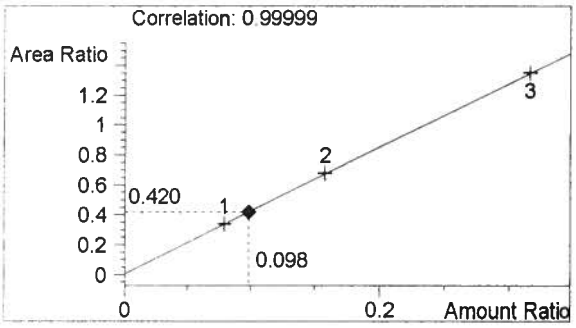
SimSoln 04025
Jayne E. Clarkson

vial # 17

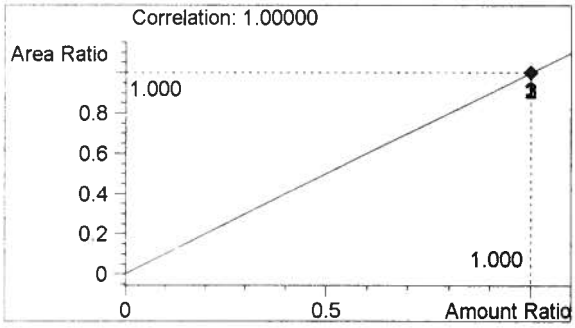


#	Compound	Area	RT
1	Ethanol	683	1.093
2	n-Propanol	1626	1.728

Totals:



Ethanol 0.098 g/100ml



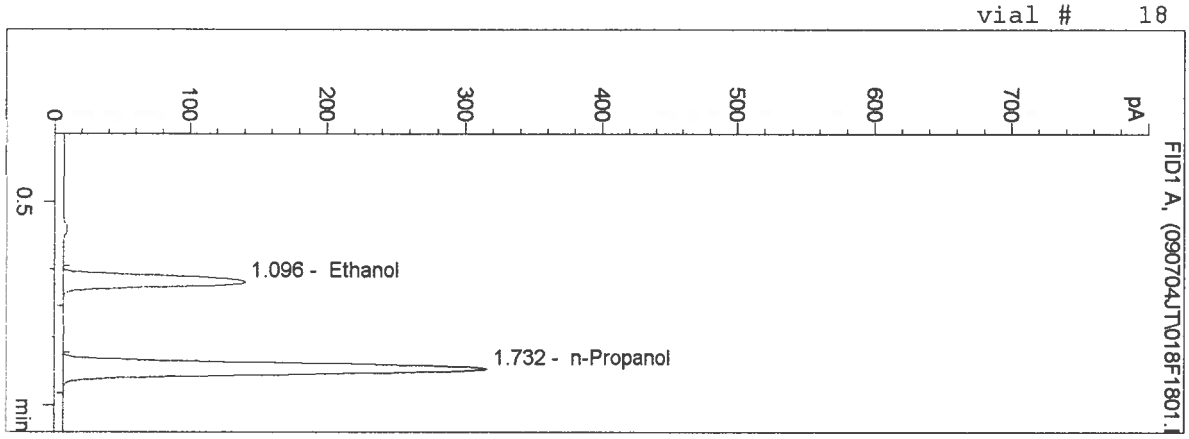
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/7/2004 2:04:33 PM
Instrument 4
DB-ALC1

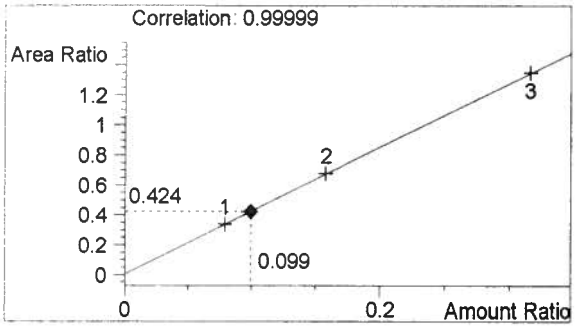
SimSoln 04025
Jayne E. Clarkson

vial # 18

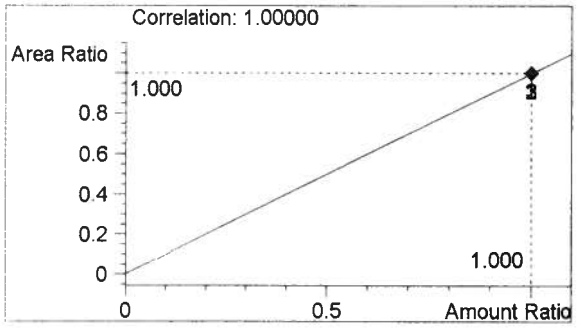


#	Compound	Area	RT
1	Ethanol	713	1.096
2	n-Propanol	1681	1.732

Totals:



Ethanol 0.099 g/100ml



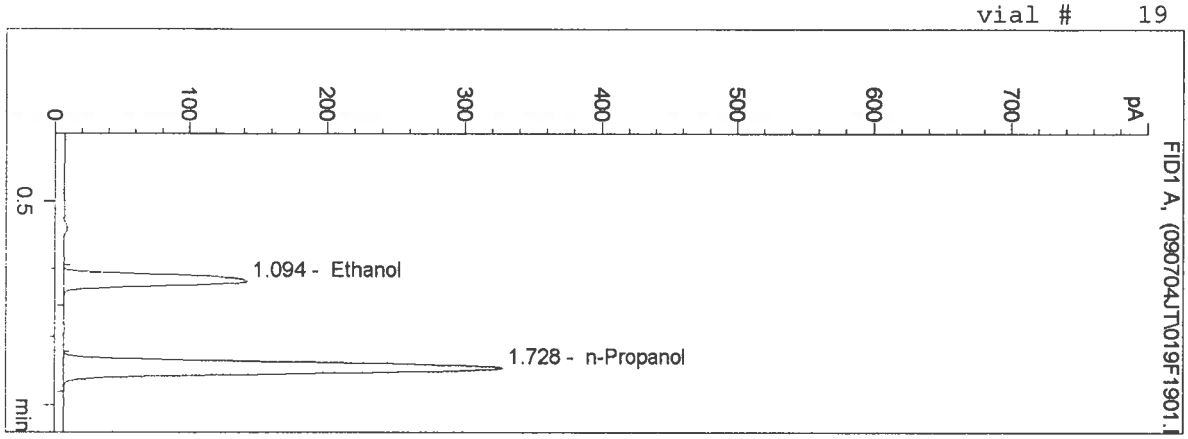
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/7/2004 2:07:45 PM
Instrument 4
DB-ALC1

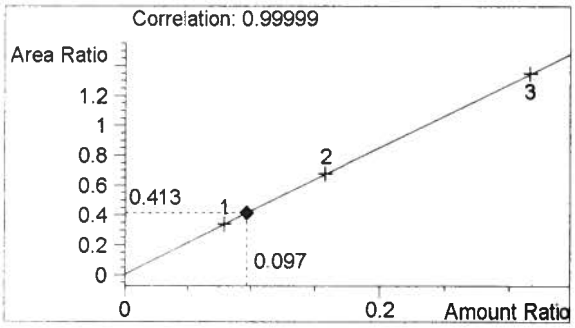
0.10 CONTROL
Jayne E. Clarkson

vial # 19

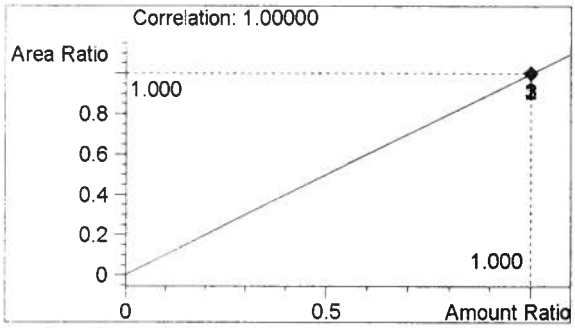


#	Compound	Area	RT
1	Ethanol	717	1.094
2	n-Propanol	1736	1.728

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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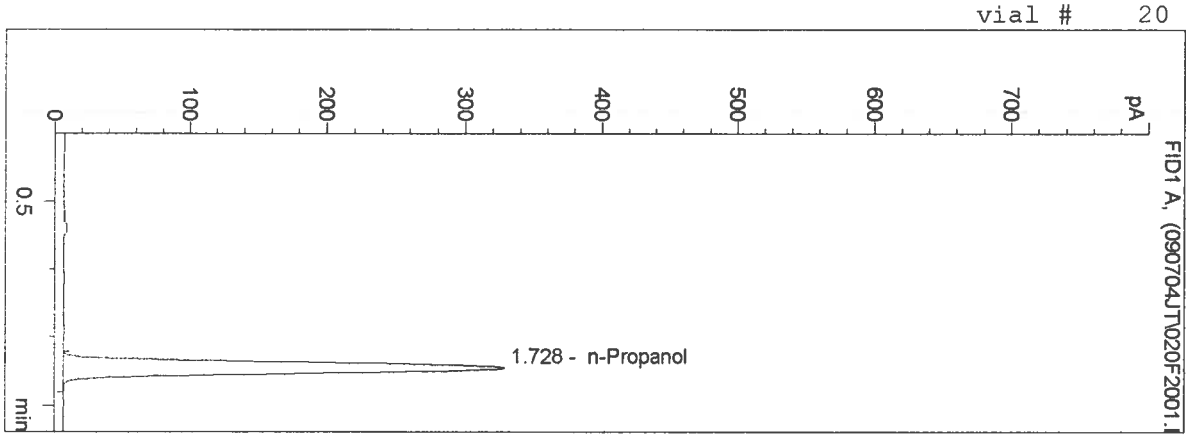
9/7/2004 2:10:57 PM
Instrument 4
DB-ALC1

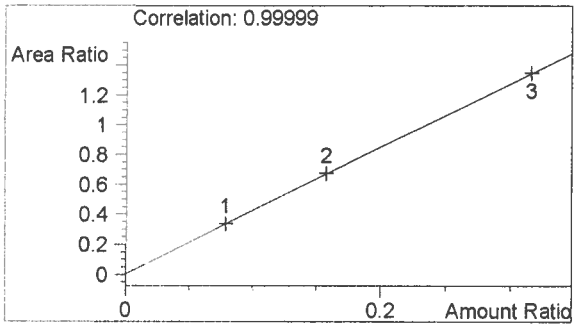
BLANK
Jayne E. Clarkson

vial # 20

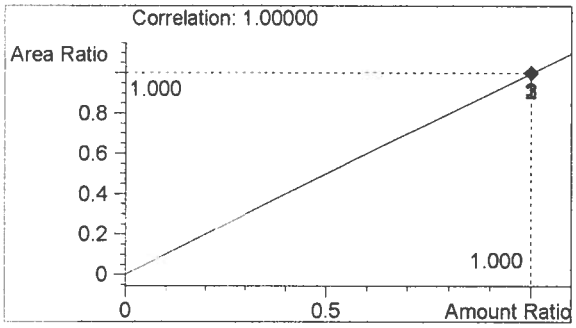


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1739	1.728

Totals:



Ethanol 0.000 g/100ml



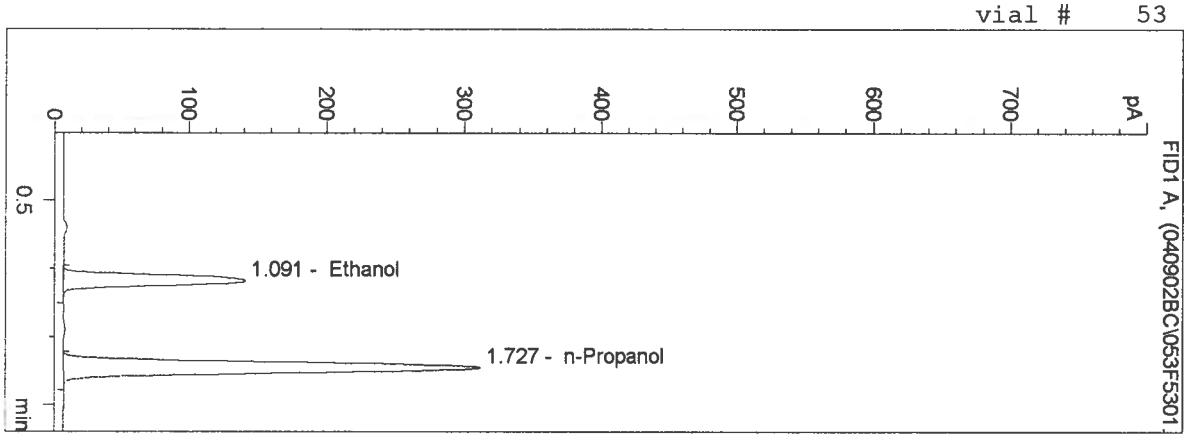
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/2/2004 11:25:58 AM
Instrument 4
DB-ALC1

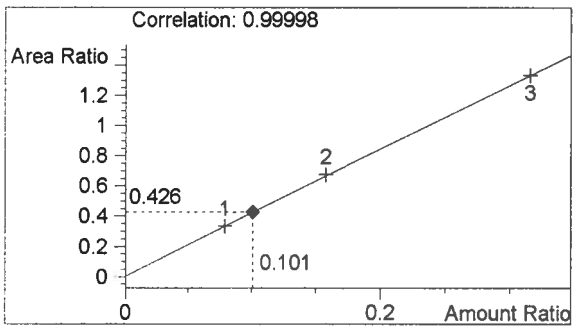
04025 sim 1 bot.
b capron

vial # 53

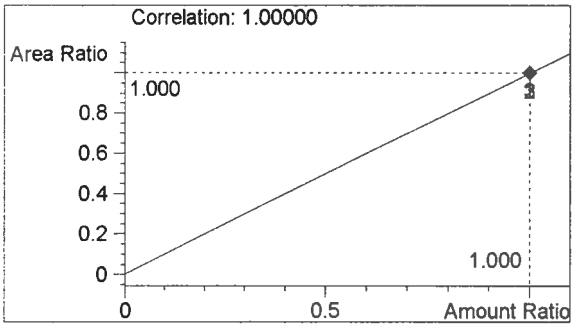


#	Compound	Area	RT
1	Ethanol	678	1.091
2	n-Propanol	1591	1.727

Totals:



Ethanol 0.101 g/100ml



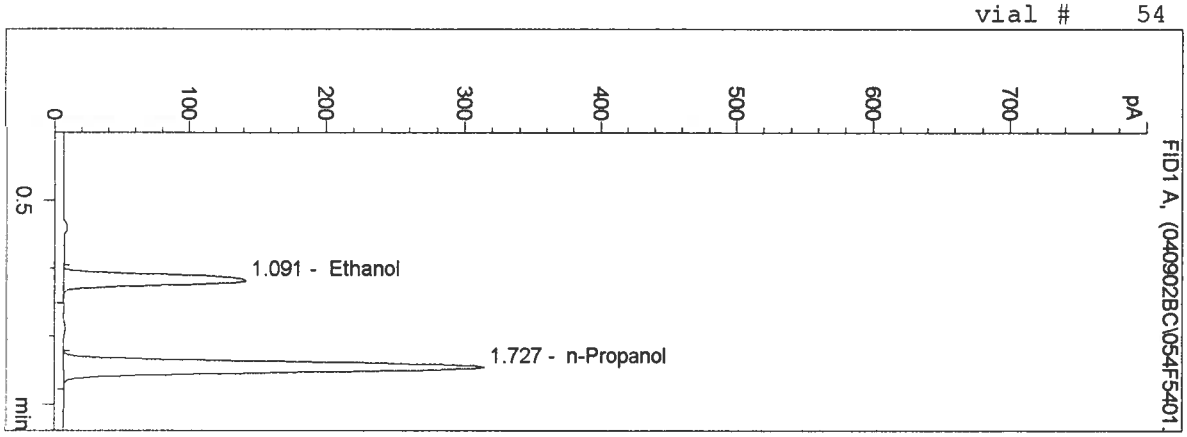
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/2/2004 11:29:04 AM
Instrument 4
DB-ALC1

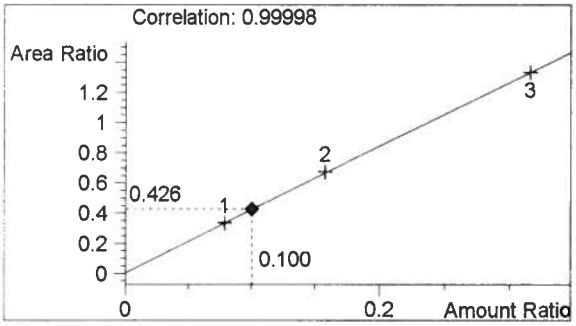
04025 sim 2 bot.
b capron

vial # 54

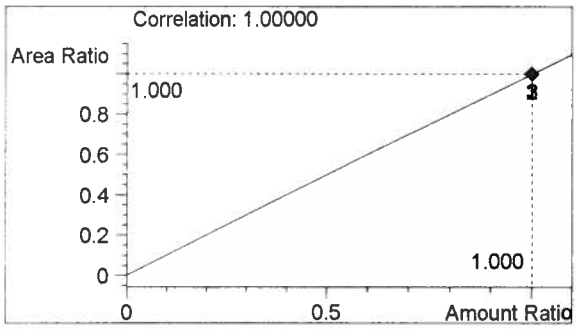


#	Compound	Area	RT
1	Ethanol	684	1.091
2	n-Propanol	1607	1.727

Totals:



Ethanol 0.100 g/100ml



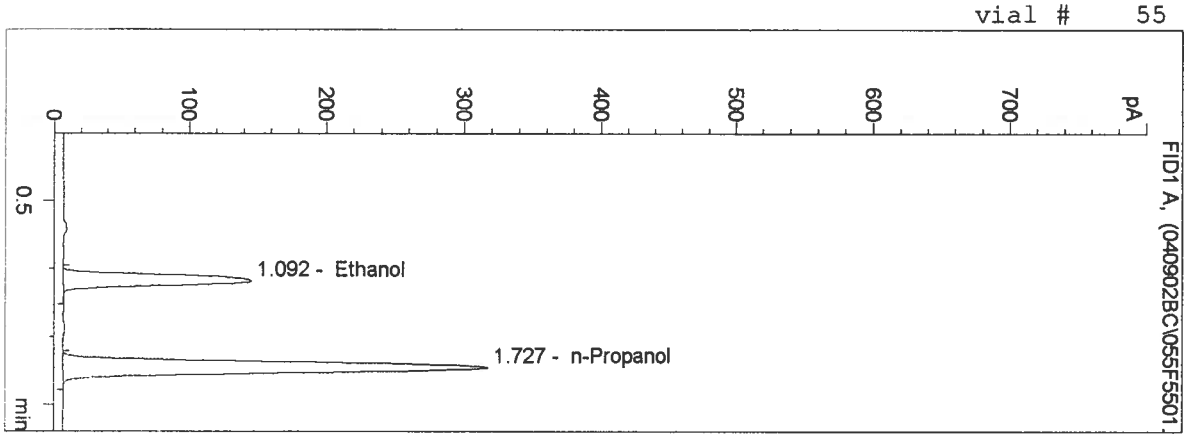
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/2/2004 11:32:17 AM
Instrument 4
DB-ALC1

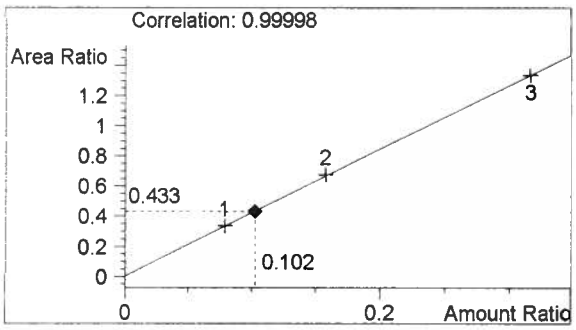
04025 sim 3 bot.
b capron

vial # 55

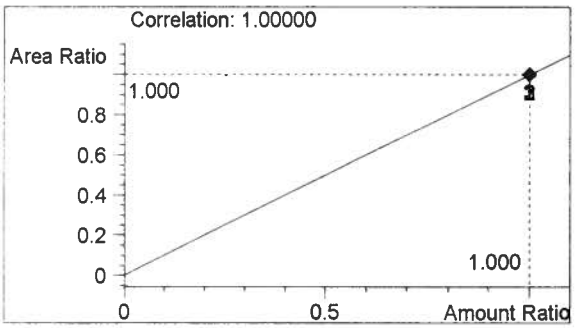


#	Compound	Area	RT
1	Ethanol	708	1.092
2	n-Propanol	1635	1.727

Totals:



Ethanol 0.102 g/100ml



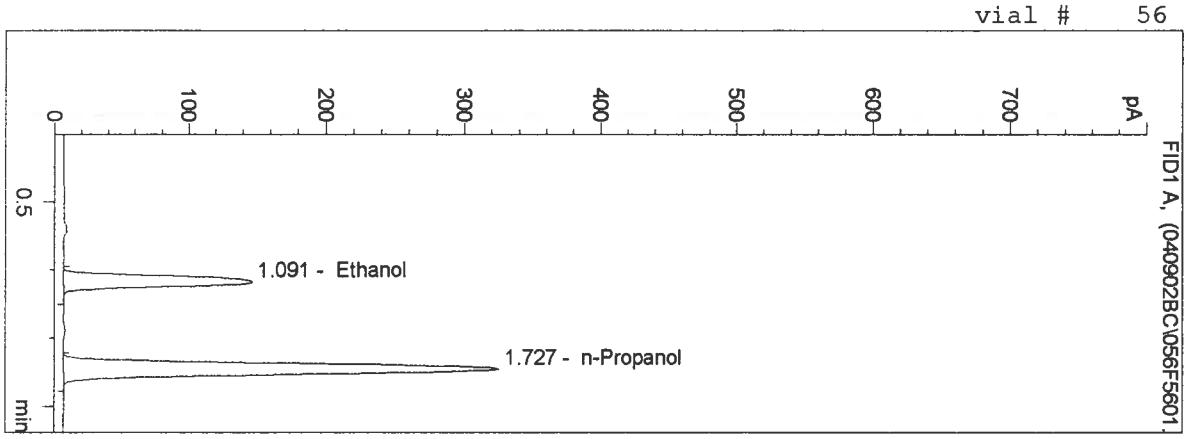
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/2/2004 11:35:30 AM
Instrument 4
DB-ALC1

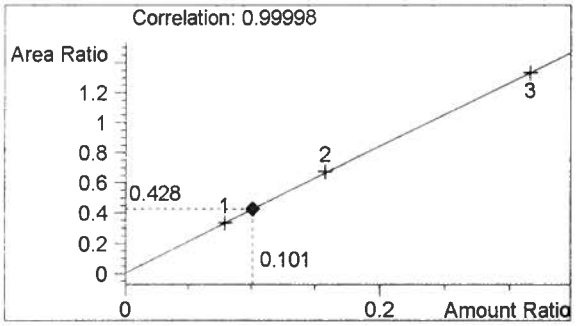
04025 sim 4 bot.
b capron

vial # 56

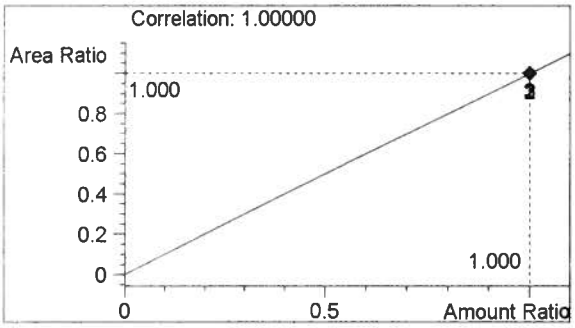


#	Compound	Area	RT
1	Ethanol	714	1.091
2	n-Propanol	1671	1.727

Totals:



Ethanol 0.101 g/100ml



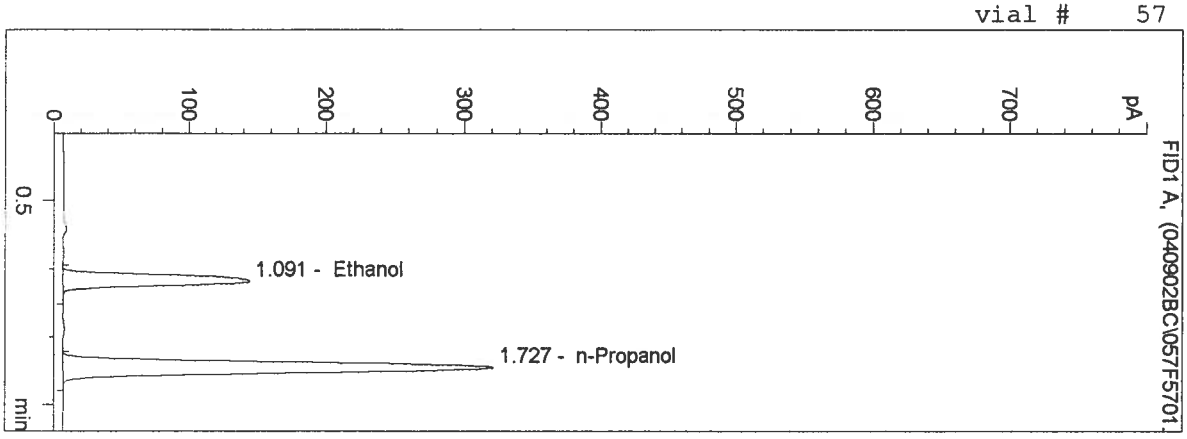
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/2/2004 11:38:44 AM
Instrument 4
DB-ALC1

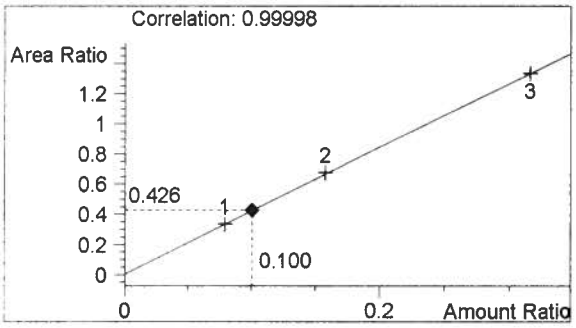
04025 sim 5 bot.
b capron

vial # 57

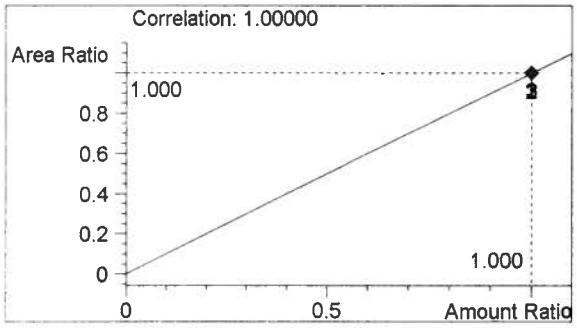


#	Compound	Area	RT
1	Ethanol	703	1.091
2	n-Propanol	1652	1.727

Totals:



Ethanol 0.100 g/100ml



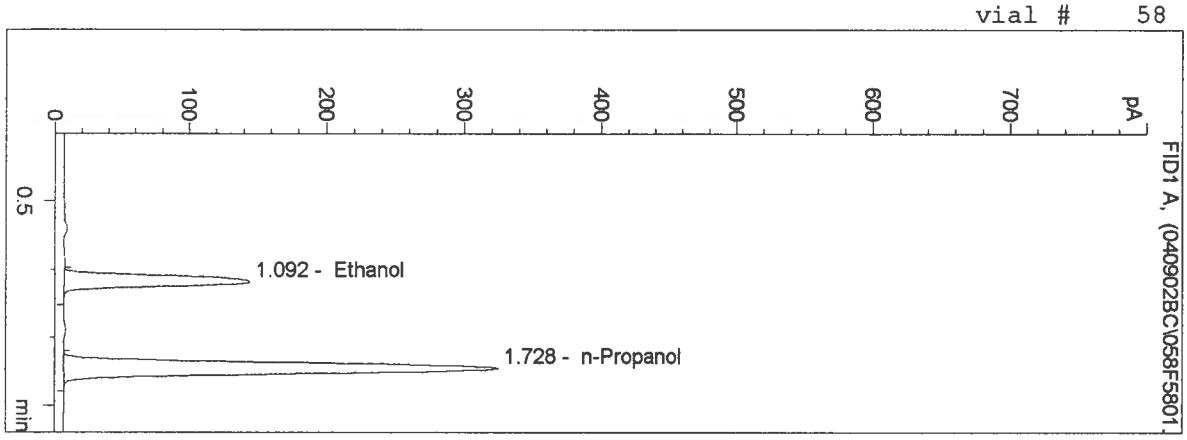
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/2/2004 11:41:56 AM
Instrument 4
DB-ALC1

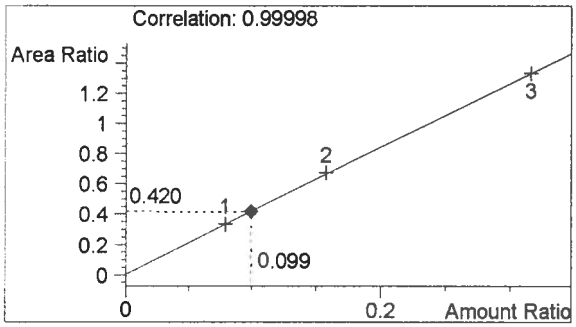
0.10 control
b capron

vial # 58

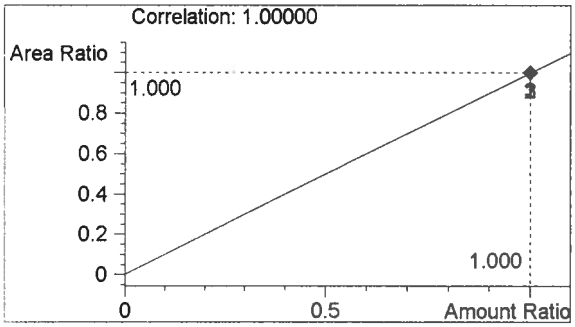


#	Compound	Area	RT
1	Ethanol	703	1.092
2	n-Propanol	1673	1.728

Totals:



Ethanol 0.099 g/100ml



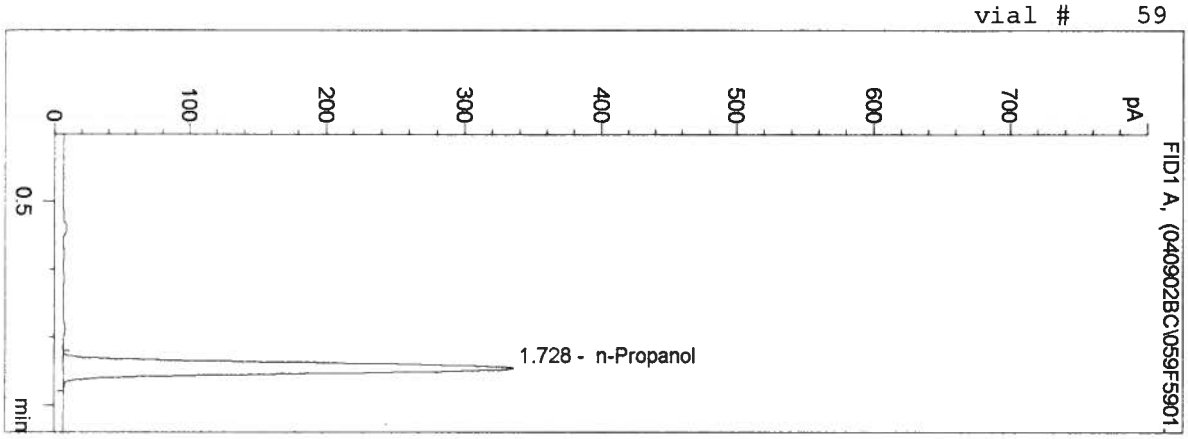
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/2/2004 11:45:07 AM
Instrument 4
DB-ALC1

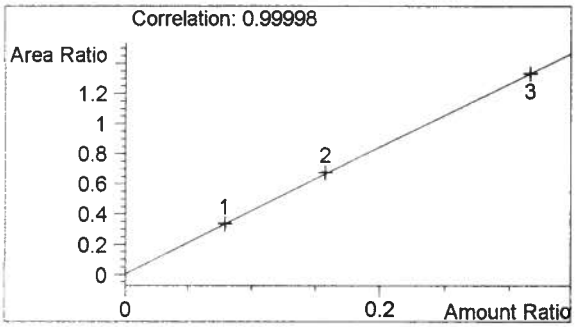
blank
b capron

vial # 59

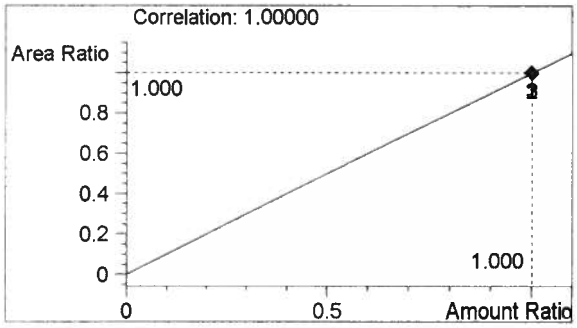


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1734	1.728

Totals:



Ethanol 0.000 g/100ml

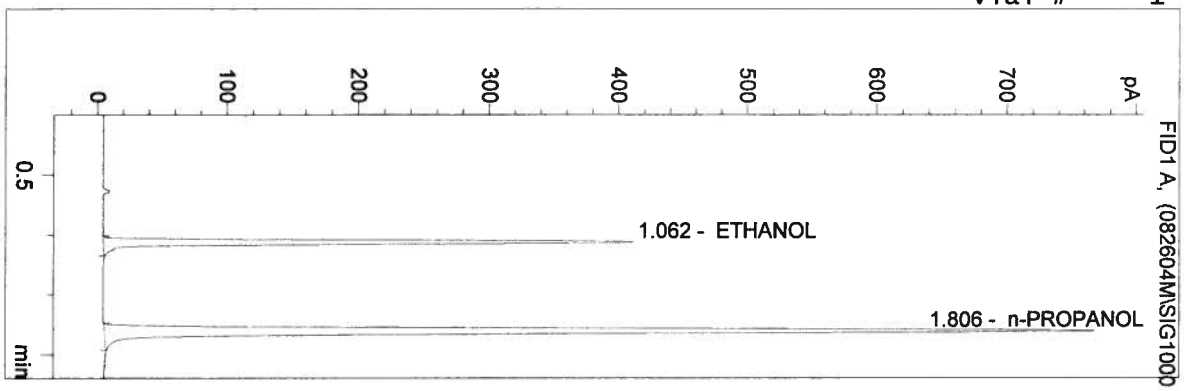


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

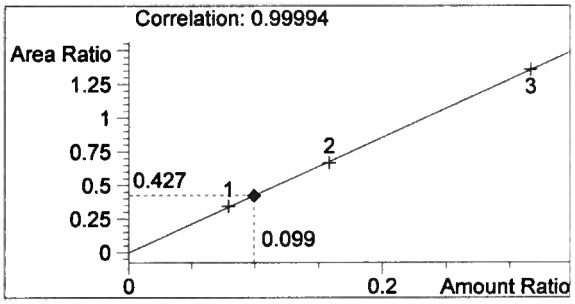
C:\HPCHEM\1\METHODS\BLDALCO3.M
8/26/04 2:24:16 PM
Instrument 3
DB-ALC2

04025 sim soln
m pemberton
Bottle
vial # 1

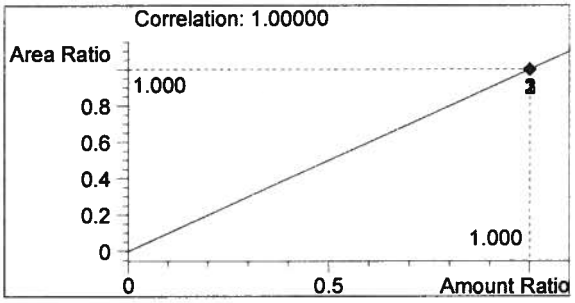


#	Compound	Area	RT
1	ETHANOL	951	1.062
2	n-PROPANOL	2227	1.806

Totals:



ETHANOL 0.099 g/100mL



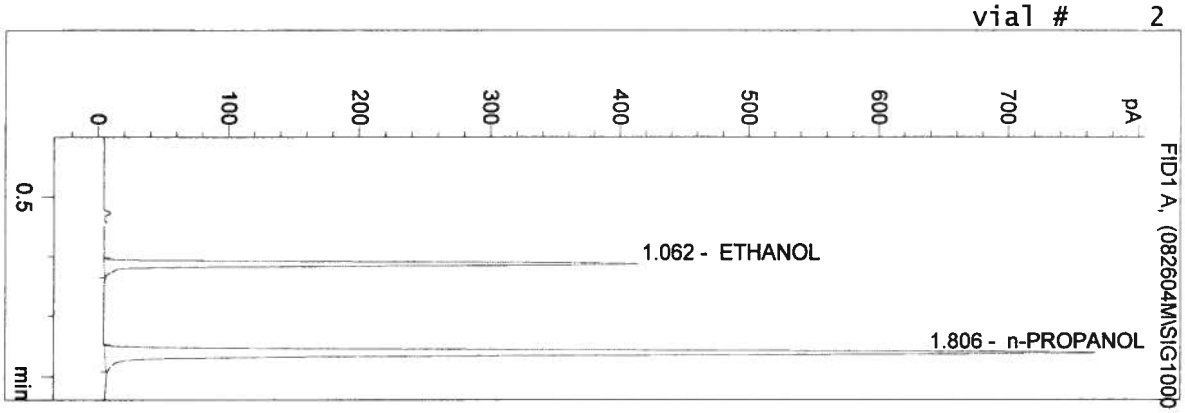
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/26/04 2:27:23 PM
Instrument 3
DB-ALC2

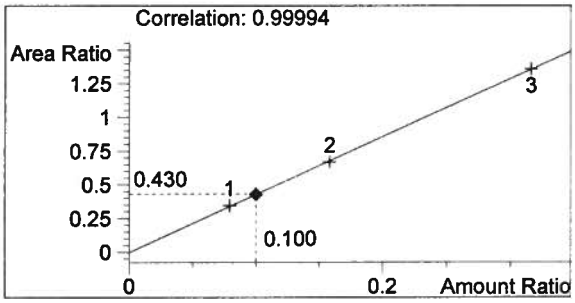
04025 sim soln
m pemberton

vial # 2

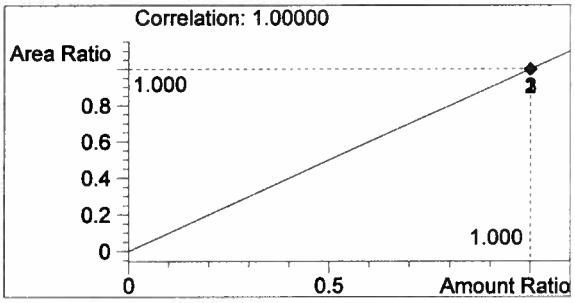


#	Compound	Area	RT
1	ETHANOL	958	1.062
2	n-PROPANOL	2228	1.806

Totals:



ETHANOL 0.100 g/100mL



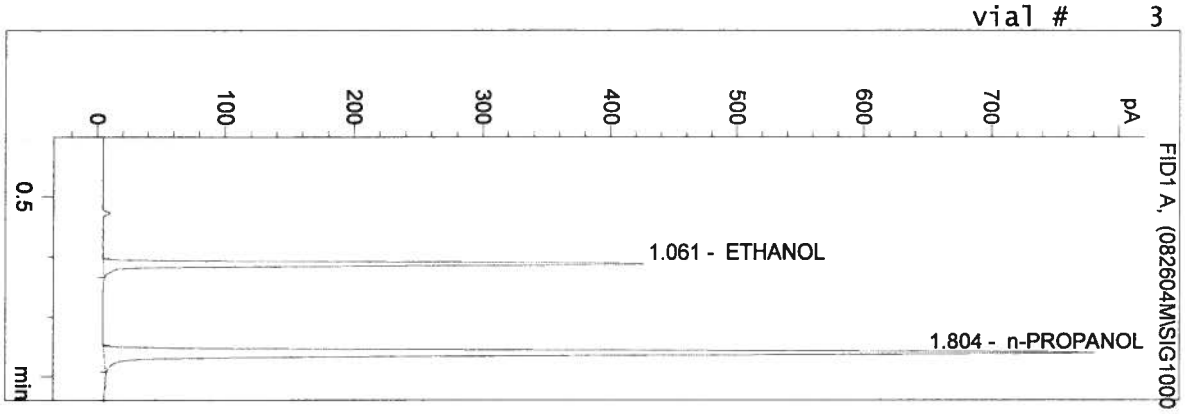
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/26/04 2:30:29 PM
Instrument 3
DB-ALC2

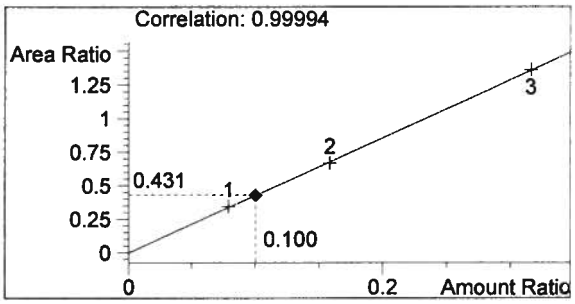
04025 sim soln
m pemberton

vial # 3

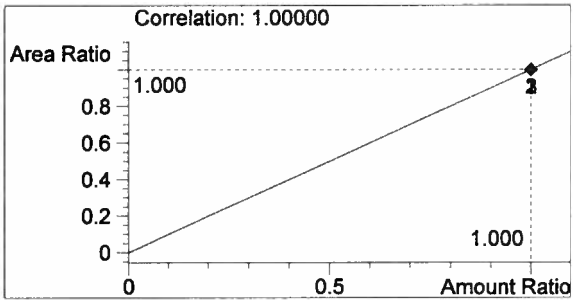


#	Compound	Area	RT
1	ETHANOL	974	1.061
2	n-PROPANOL	2262	1.804

Totals:



ETHANOL 0.100 g/100mL



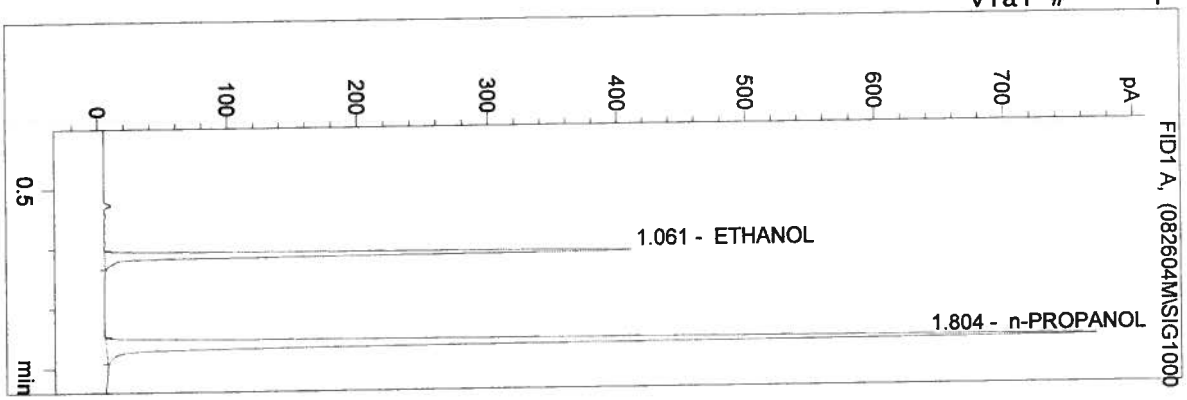
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/26/04 2:33:36 PM
Instrument 3
DB-ALC2

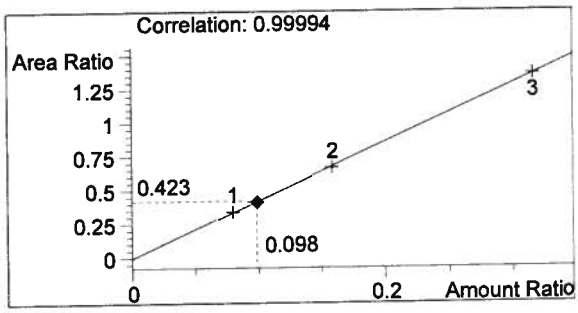
04025 sim soln
m pemberton

vial # 4

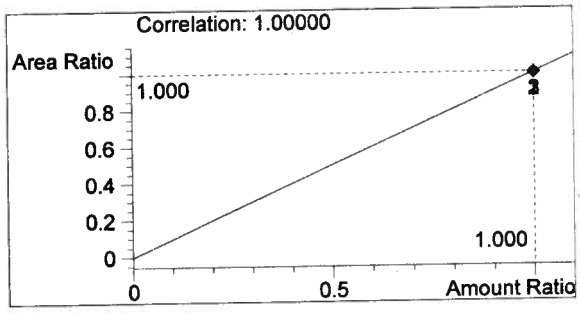


#	Compound	Area	RT
1	ETHANOL	945	1.061
2	n-PROPANOL	2236	1.804

Totals:



ETHANOL 0.098 g/100mL



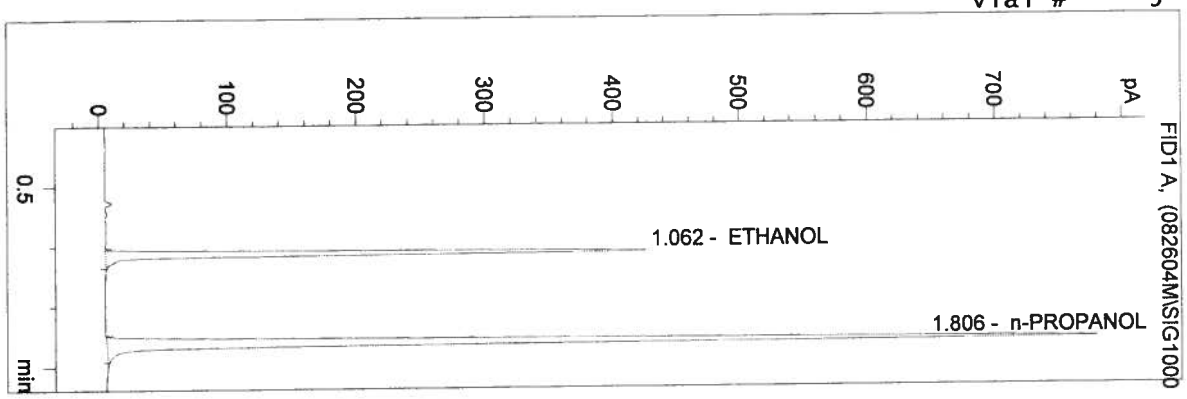
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/26/04 2:38:36 PM
Instrument 3
DB-ALC2

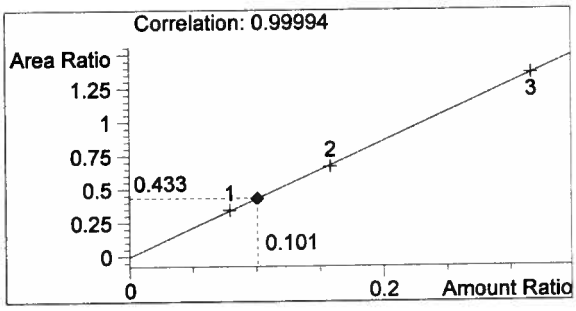
04025 sim soln
m pemberton

vial # 5

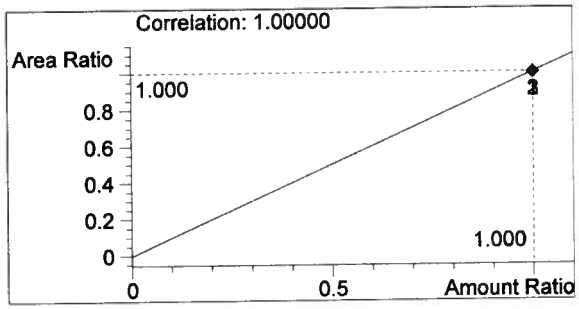


#	Compound	Area	RT
1	ETHANOL	979	1.062
2	n-PROPANOL	2261	1.806

Totals:



ETHANOL 0.101 g/100mL



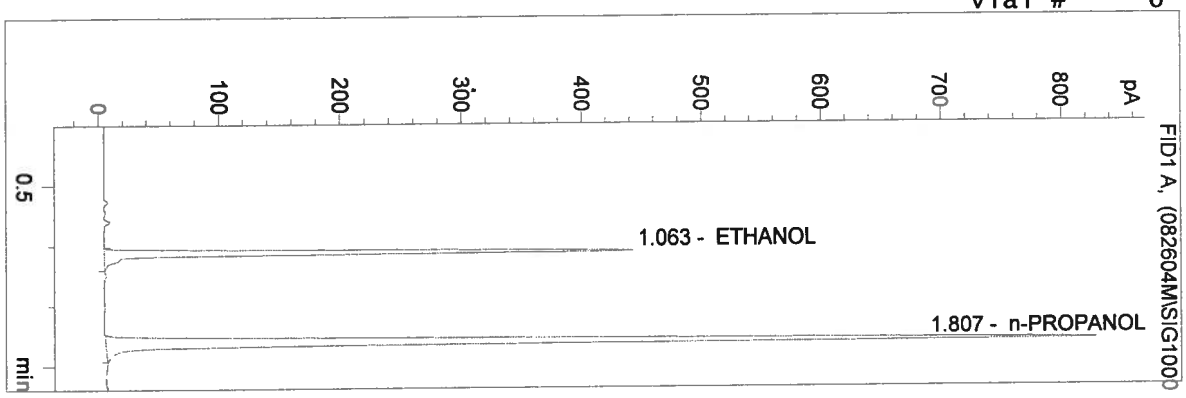
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/26/04 2:42:42 PM
Instrument 3
DB-ALC2

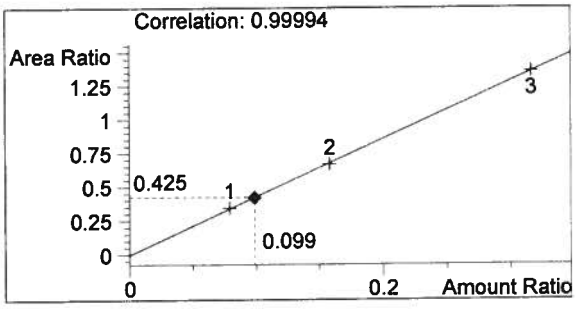
0.10 control
m pemberton

vial # 6

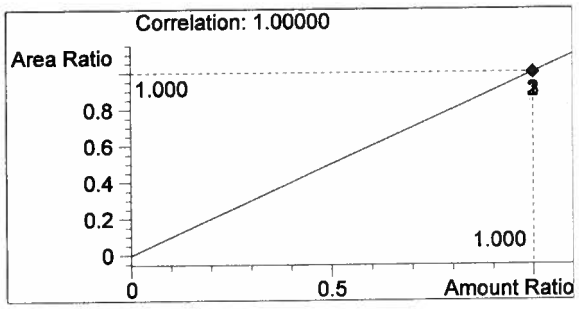


#	Compound	Area	RT
1	ETHANOL	1011	1.063
2	n-PROPANOL	2378	1.807

Totals:



ETHANOL 0.099 g/100mL



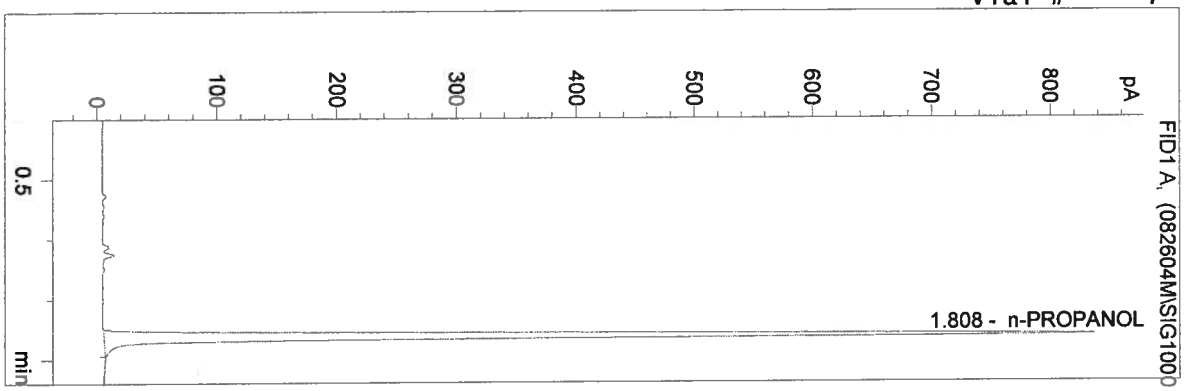
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/26/04 2:45:48 PM
Instrument 3
DB-ALC2

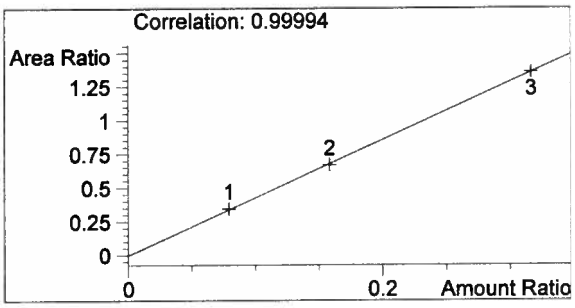
blk
m pemberton

vial # 7

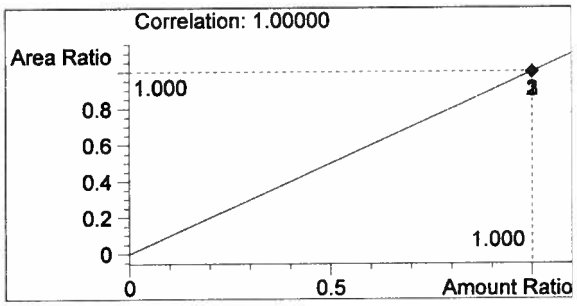


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2406	1.808

Totals:



ETHANOL 0.000 g/100mL



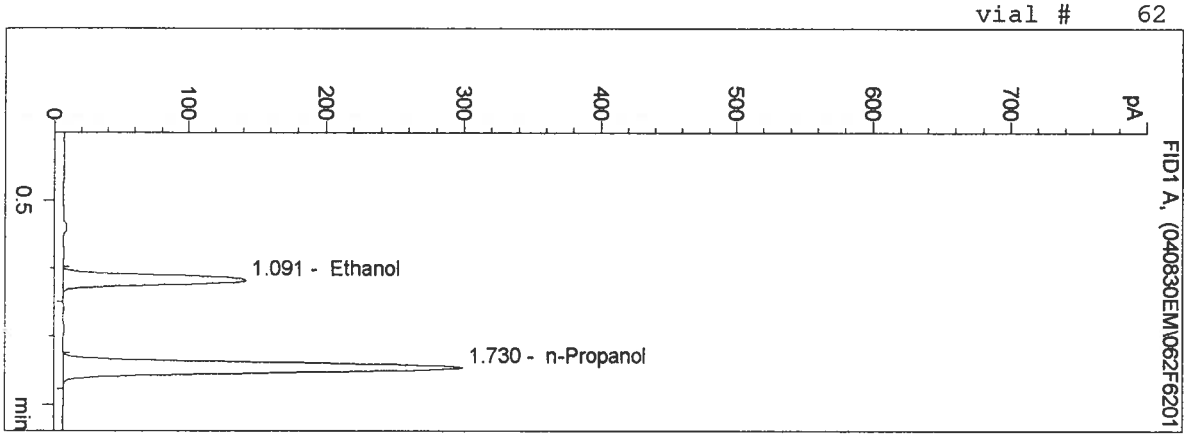
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2004 4:23:56 PM
Instrument 4
DB-ALC1

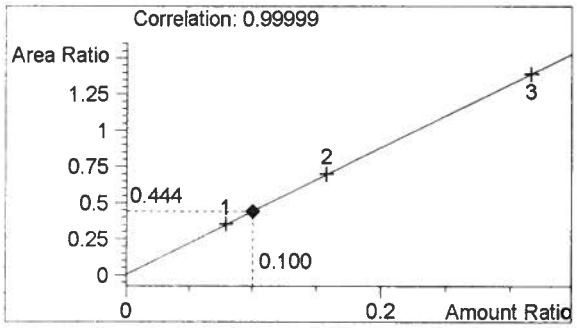
Sim Sol 04025-1
Estuardo J. Miranda

vial # 62

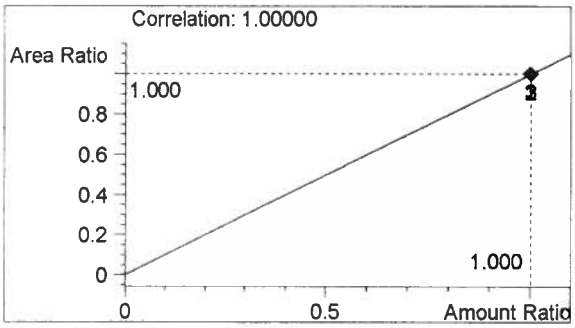


#	Compound	Area	RT
1	Ethanol	641	1.091
2	n-Propanol	1445	1.730

Totals:



Ethanol 0.100 g/100ml



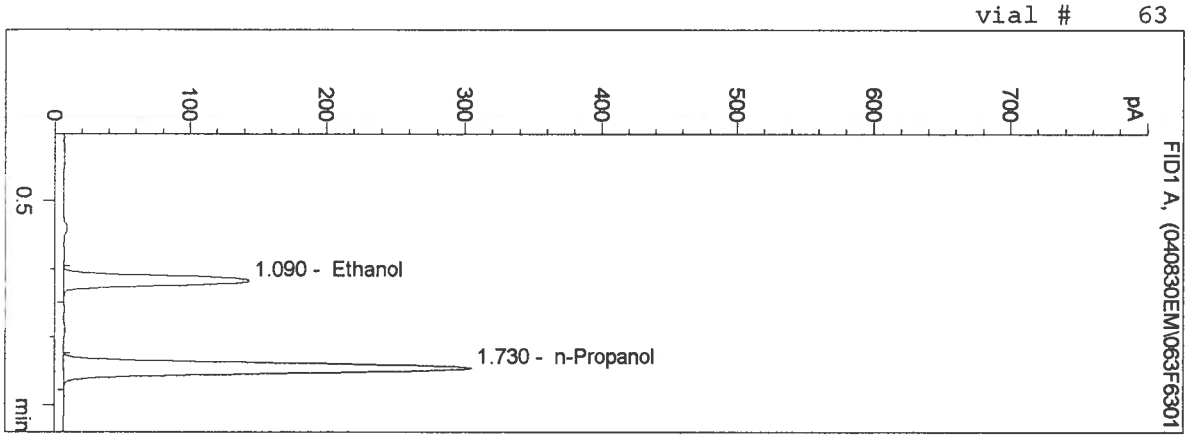
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2004 4:27:04 PM
Instrument 4
DB-ALC1

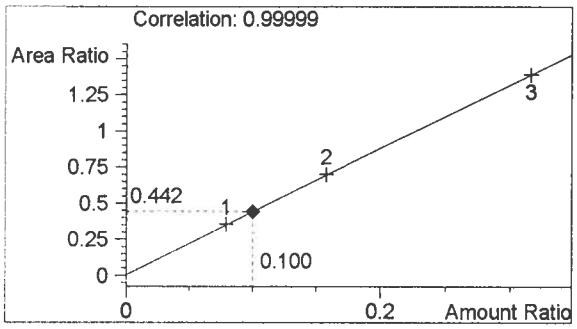
Sim Sol 04025-2
Estuardo J. Miranda

vial # 63

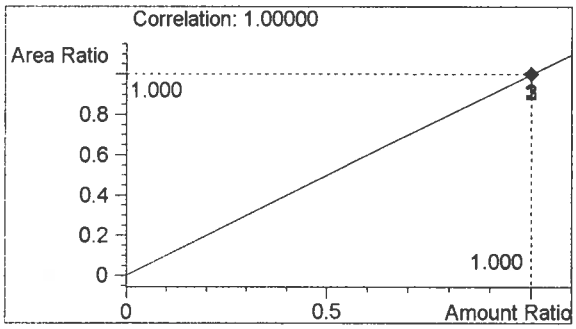


#	Compound	Area	RT
1	Ethanol	655	1.090
2	n-Propanol	1480	1.730

Totals:



Ethanol 0.100 g/100ml



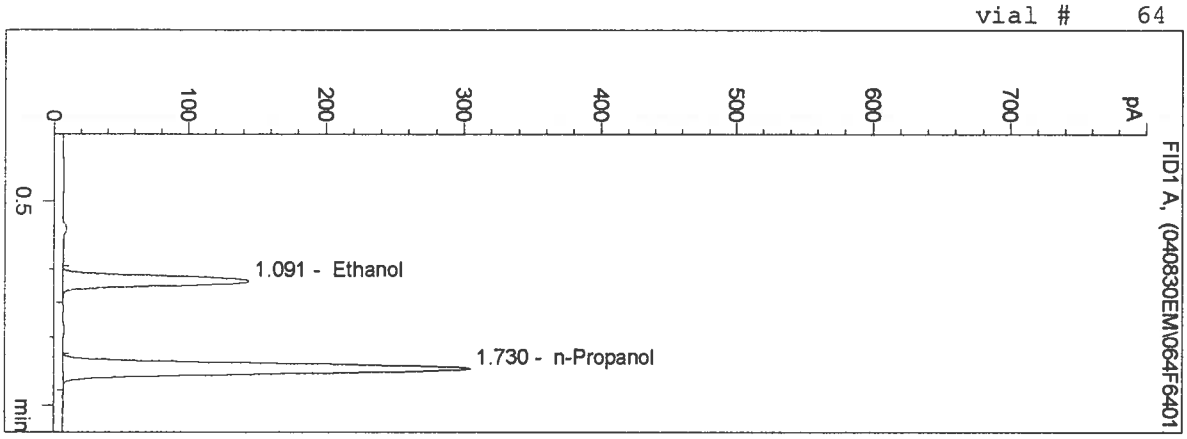
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2004 4:30:11 PM
Instrument 4
DB-ALC1

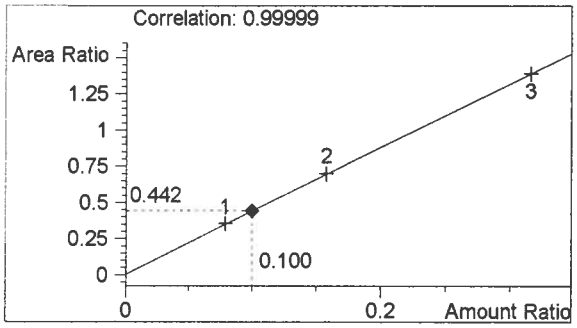
Sim Sol 04025-3
Estuardo J. Miranda

vial # 64

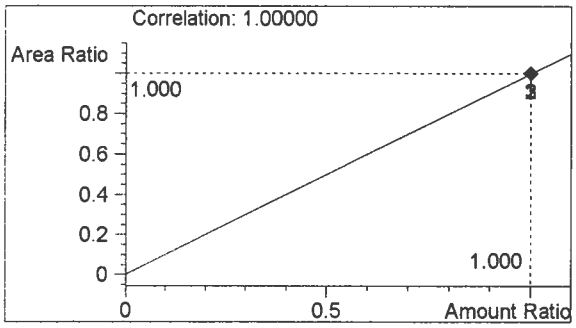


#	Compound	Area	RT
1	Ethanol	654	1.091
2	n-Propanol	1478	1.730

Totals:



Ethanol 0.100 g/100ml



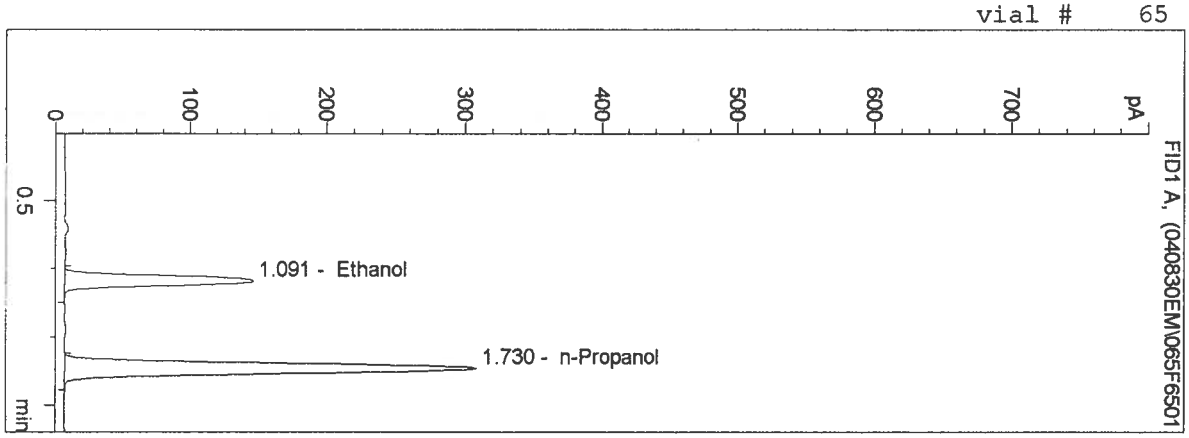
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2004 4:33:15 PM
Instrument 4
DB-ALC1

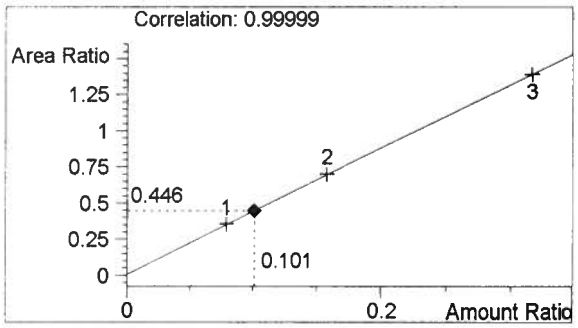
Sim Sol 04025-4
Estuardo J. Miranda

vial # 65

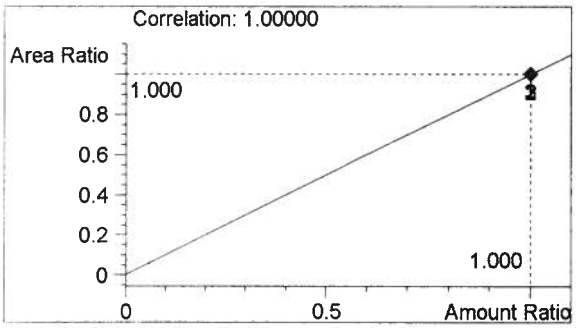


#	Compound	Area	RT
1	Ethanol	670	1.091
2	n-Propanol	1503	1.730

Totals:



Ethanol 0.101 g/100ml



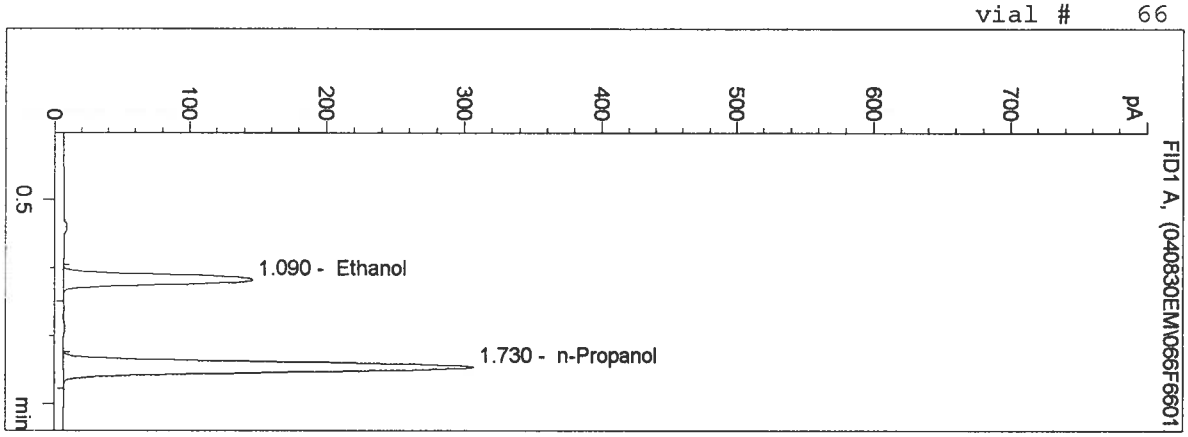
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2004 4:36:29 PM
Instrument 4
DB-ALC1

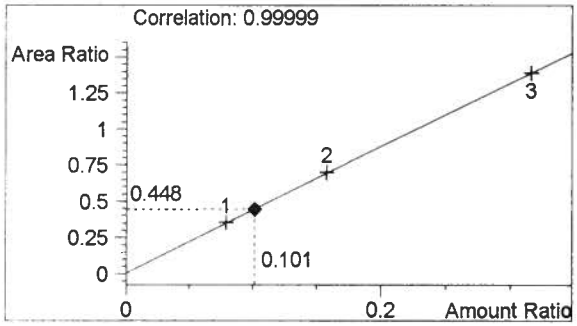
Sim Sol 04025-5
Estuardo J. Miranda

vial # 66

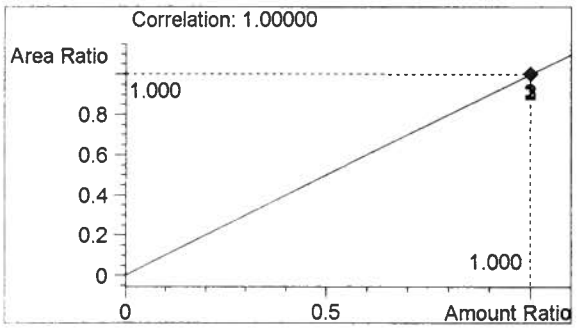


#	Compound	Area	RT
1	Ethanol	670	1.090
2	n-Propanol	1495	1.730

Totals:



Ethanol 0.101 g/100ml



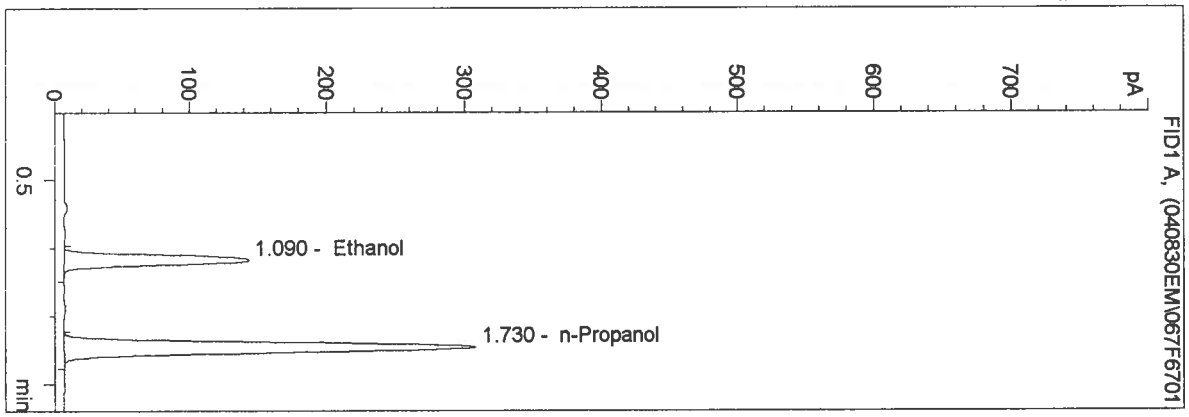
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2004 4:39:44 PM
Instrument 4
DB-ALC1

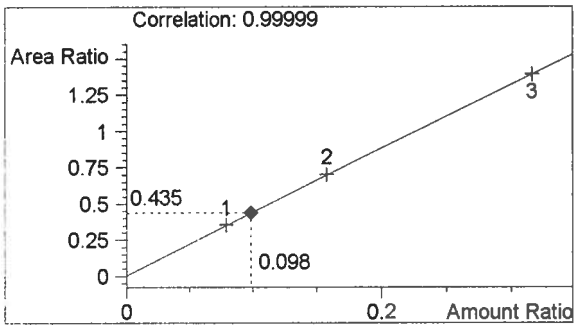
0.100 EM Control
Estuardo J. Miranda

vial # 67

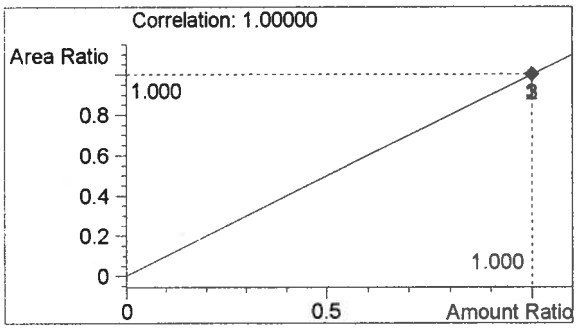


#	Compound	Area	RT
1	Ethanol	650	1.090
2	n-Propanol	1495	1.730

Totals:



Ethanol 0.098 g/100ml



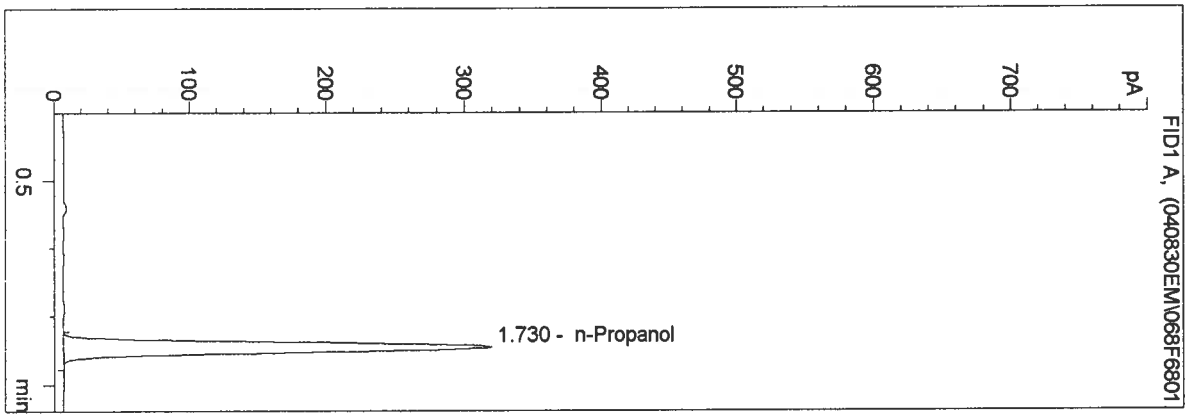
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/30/2004 4:42:57 PM
Instrument 4
DB-ALC1

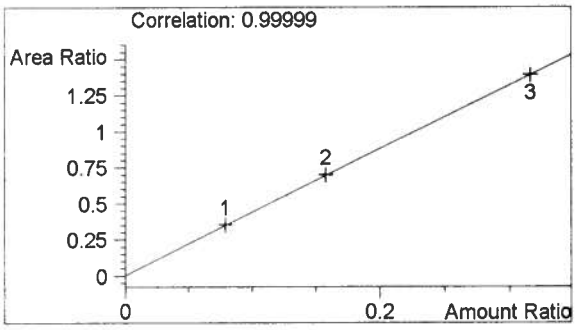
BLANK
Estuardo J. Miranda

vial # 68

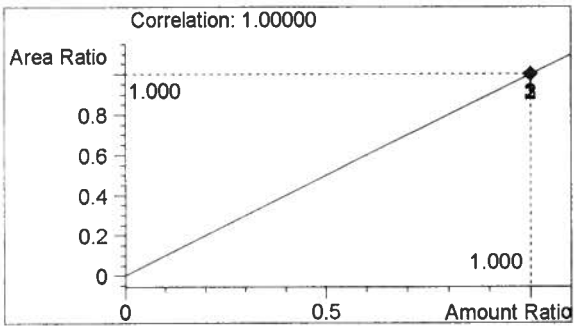


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1565	1.730

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	N Nuwayhid, PhD
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:	040810NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Data NOT used
Small tube SS.
compromised
Reanalyzed
By [illegible]

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL1	BLDALCO3	1	Calib		
3	3	0.158 CAL2	BLDALCO3	1	Calib		
4	4	0.316 CAL3	BLDALCO3	1	Calib		
5	5	Blank	BLDALCO3	1	Sample		
6	6	0.100 C	BLDALCO3	1	Ctrl Samp		
7	7	Blank	BLDALCO3	1	Sample		
8	8	04025-1 SIM	BLDALCO3	1	Sample		
9	9	04025-2 SIM	BLDALCO3	1	Sample		
10	10	04025-3 SIM	BLDALCO3	1	Sample		
11	11	04025-4 SIM	BLDALCO3	1	Sample		
12	12	04025-5 SIM	BLDALCO3	1	Sample		

Calibration Part:

Line	Vial	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	2	0.079 CAL1	BLDALCO3	1	Replace	Replace	
3	3	0.158 CAL2	BLDALCO3	2	Replace	Replace	
4	4	0.316 CAL3	BLDALCO3	3	Replace	Replace	

Sequence Table (Back Injector):

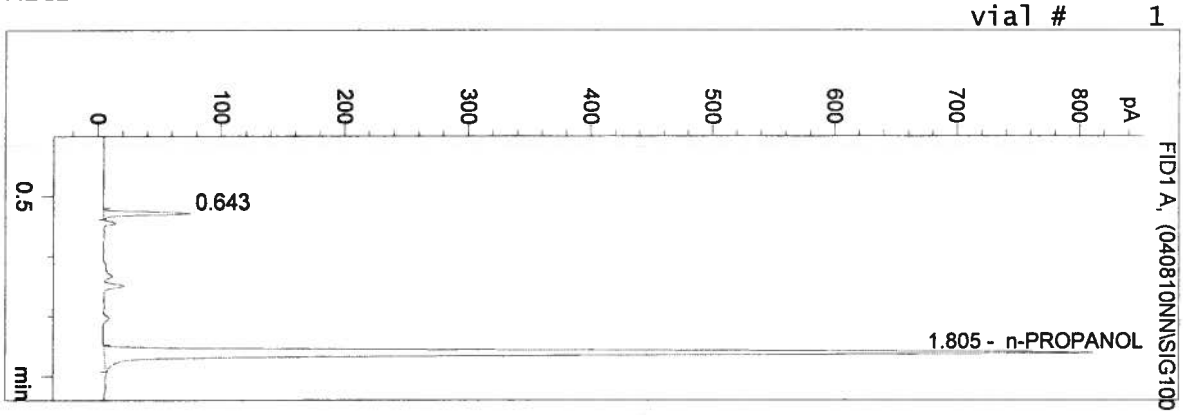
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/10/04 4:00:56 PM
Instrument 3
DB-ALC2

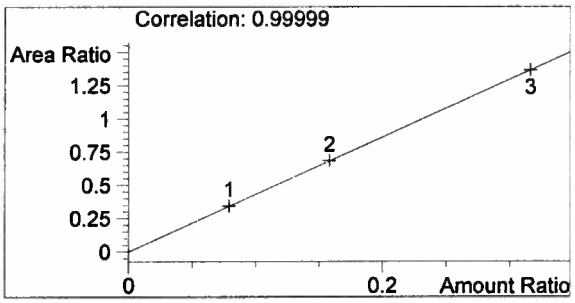
BLANK
N Nuwayhid, PhD

vial # 1

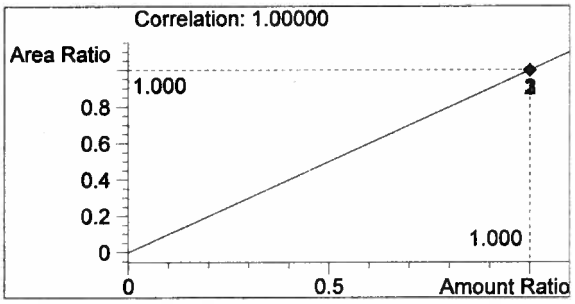


#	Compound	Area	RT
1		129	0.643
2	ETHANOL	0	0.000
3	n-PROPANOL	2312	1.805

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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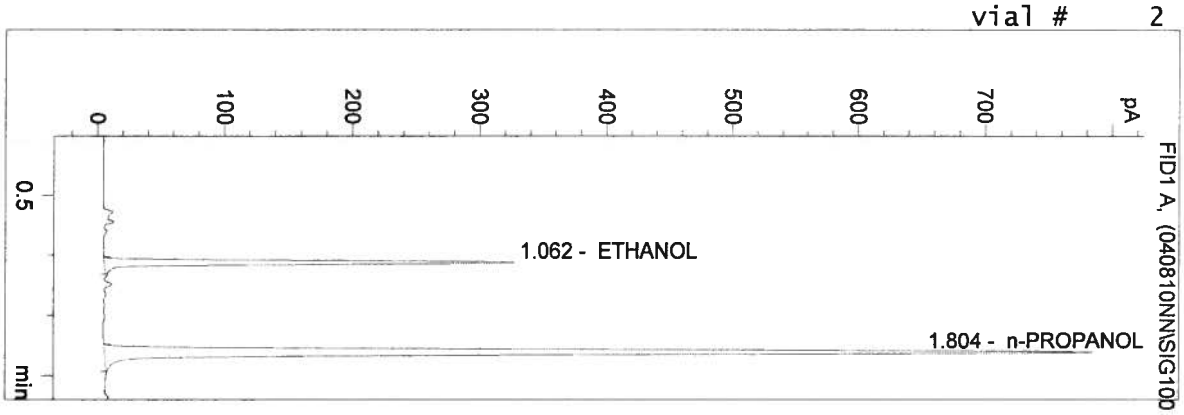
Instrument 3
DB-ALC2

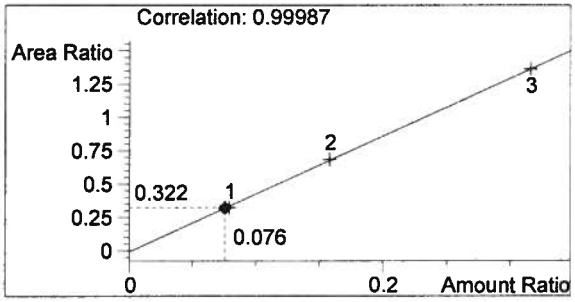
0.079 CAL1
N Nuwayhid, PhD

vial # 2

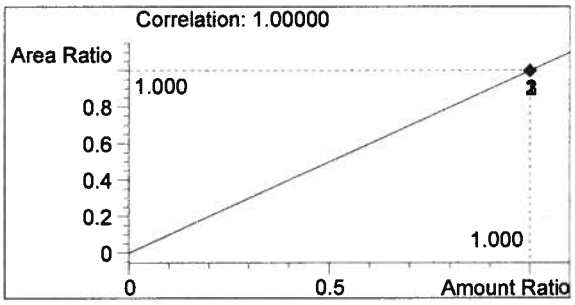


#	Compound	Area	RT
1	ETHANOL	725	1.062
2	n-PROPANOL	2250	1.804

Totals:



ETHANOL 0.076 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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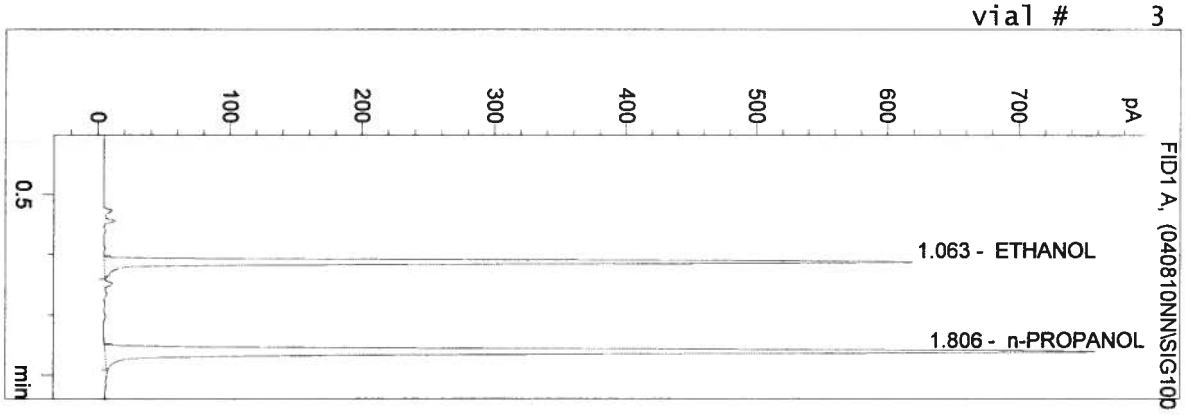
Instrument 3
DB-ALC2

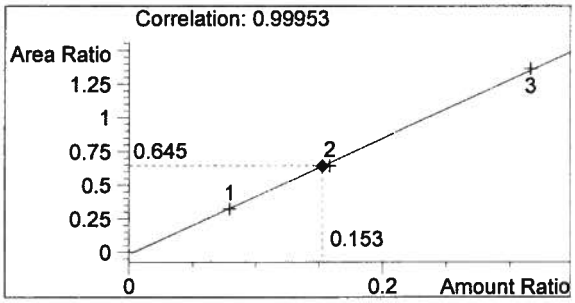
0.158 CAL2
N Nuwayhid, PhD

vial # 3

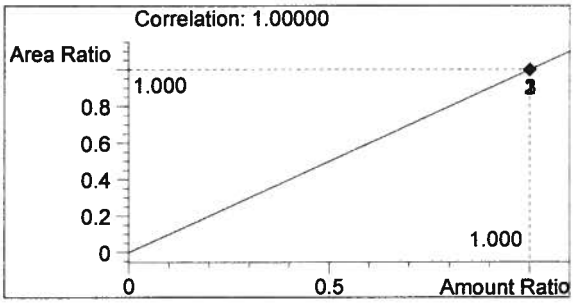


#	Compound	Area	RT
1	ETHANOL	1397	1.063
2	n-PROPANOL	2168	1.806

Totals:



ETHANOL 0.153 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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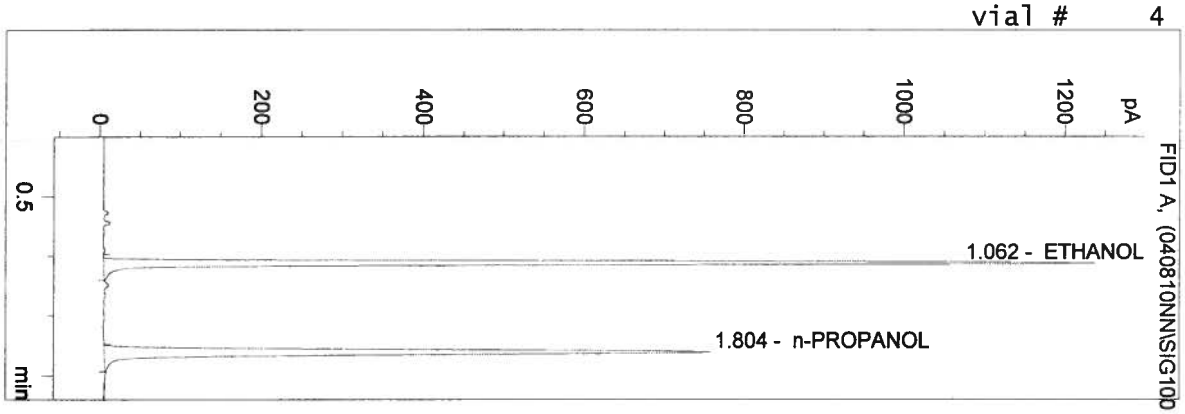
Instrument 3
DB-ALC2

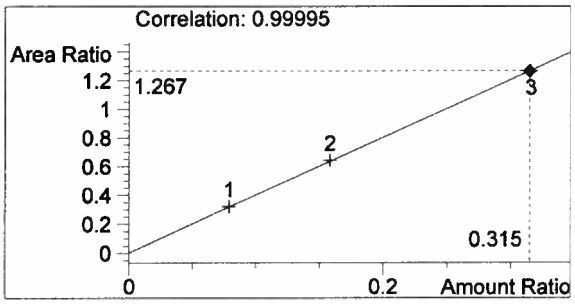
0.316 CAL3
N Nuwayhid, PhD

vial # 4

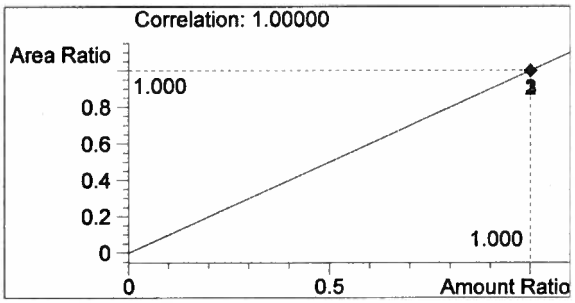


#	Compound	Area	RT
1	ETHANOL	2762	1.062
2	n-PROPANOL	2179	1.804

Totals:



ETHANOL 0.315 g/100mL



n-PROPANOL 1.000 g/100mL

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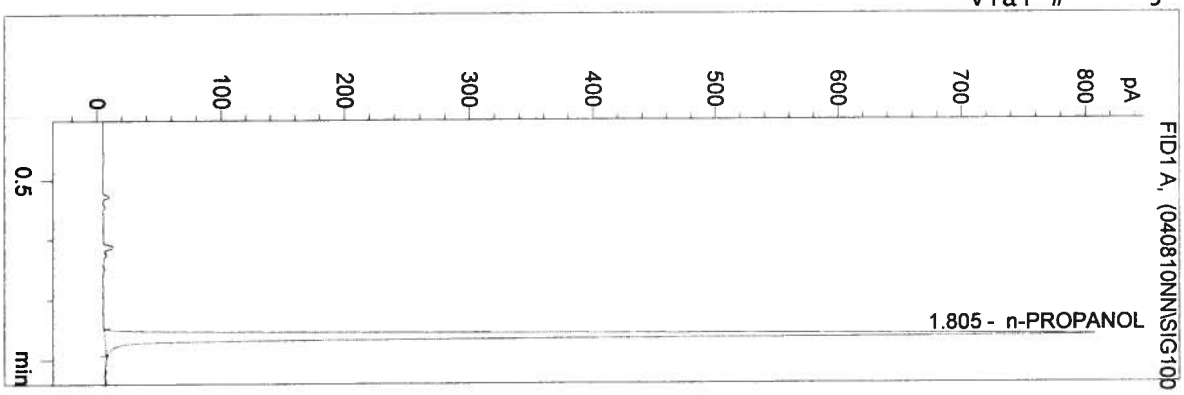
Instrument 3
DB-ALC2

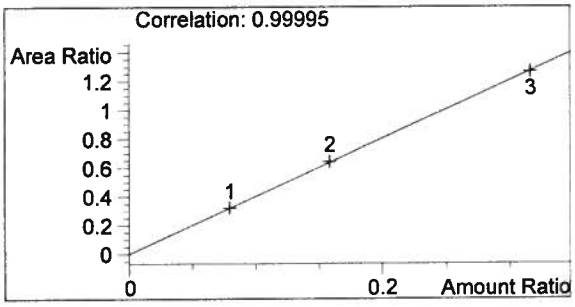
Blank
N Nuwayhid, PhD

vial # 5

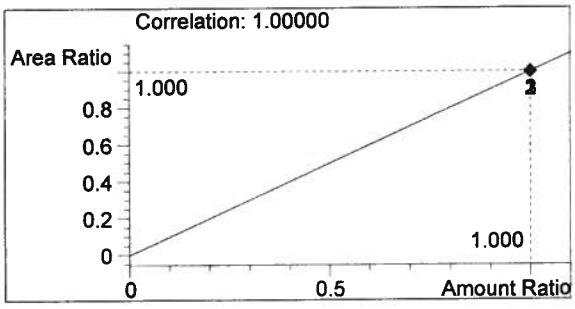


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2316	1.805

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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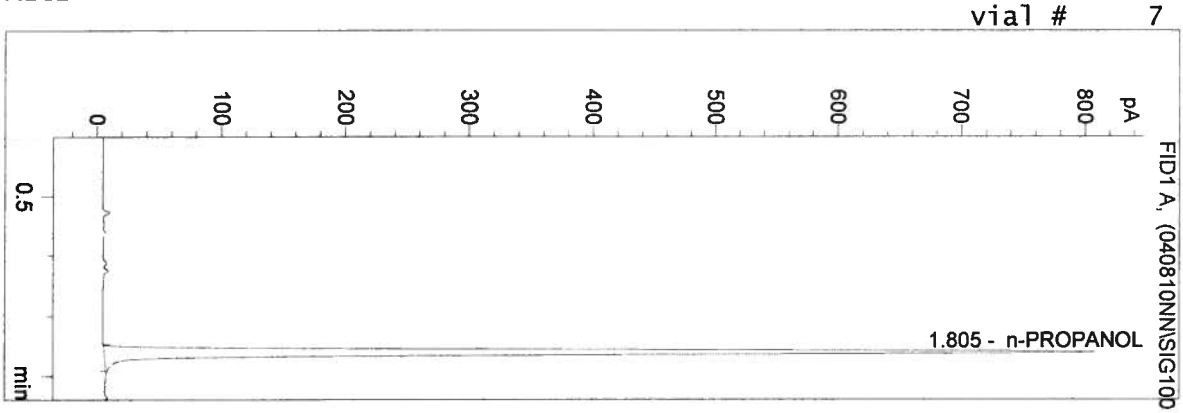
Instrument 3
DB-ALC2

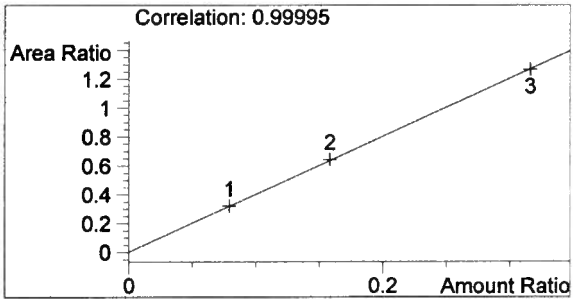
Blank
N Nuwayhid, PhD

vial # 7

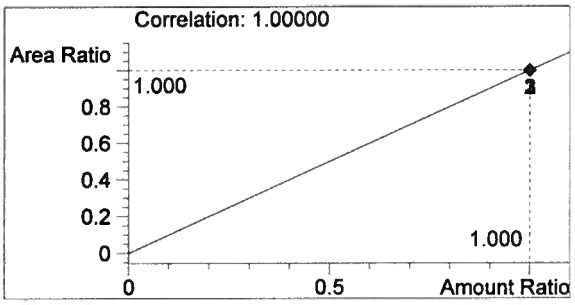


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2310	1.805

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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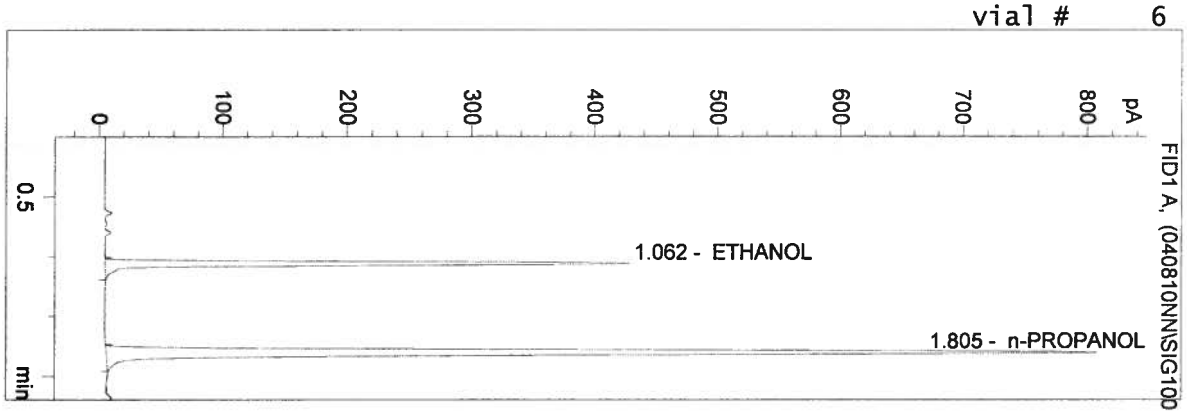
Instrument 3
DB-ALC2

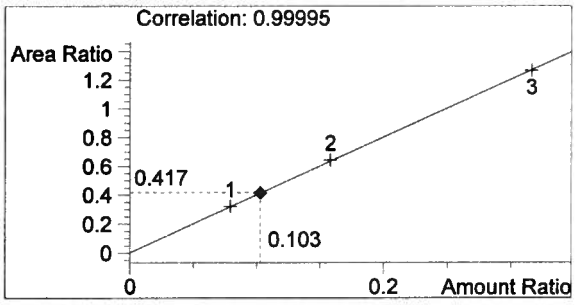
0.100 C
N Nuwayhid, PhD

vial # 6

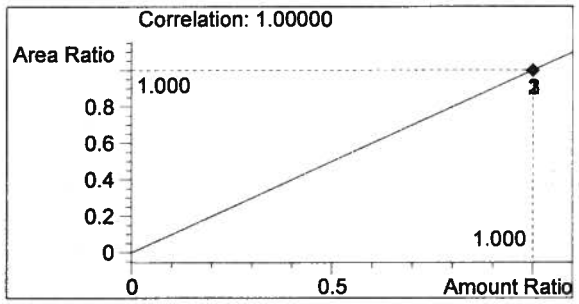


#	Compound	Area	RT
1	ETHANOL	963	1.062
2	n-PROPANOL	2311	1.805

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

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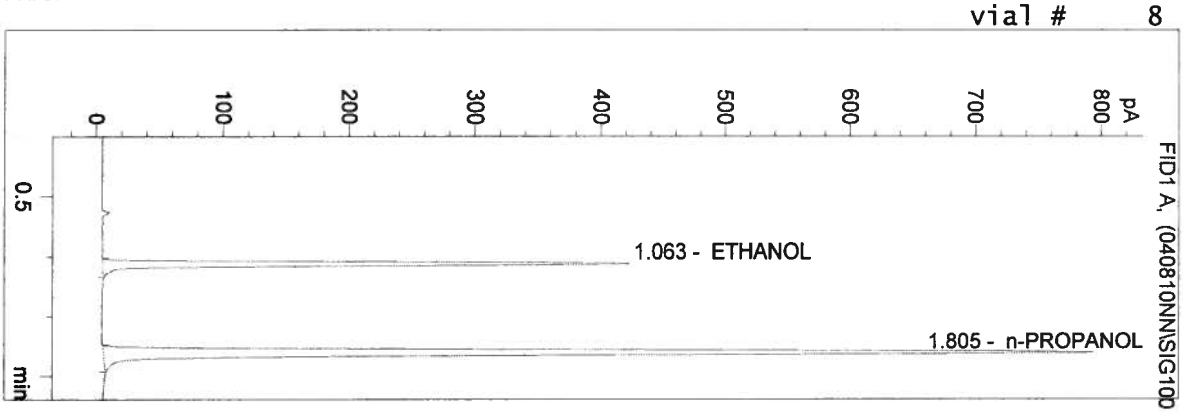
Instrument 3
DB-ALC2

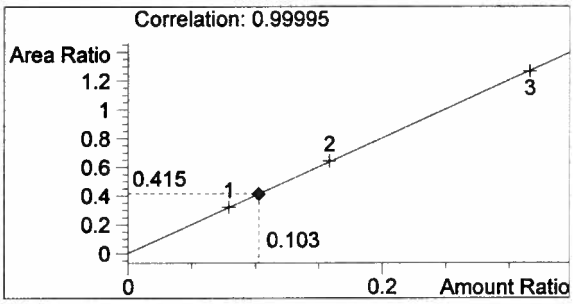
04025-1 SIM
N Nuwayhid, PhD

vial # 8

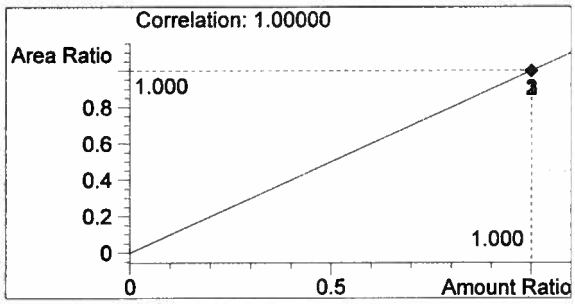


#	Compound	Area	RT
1	ETHANOL	945	1.063
2	n-PROPANOL	2274	1.805

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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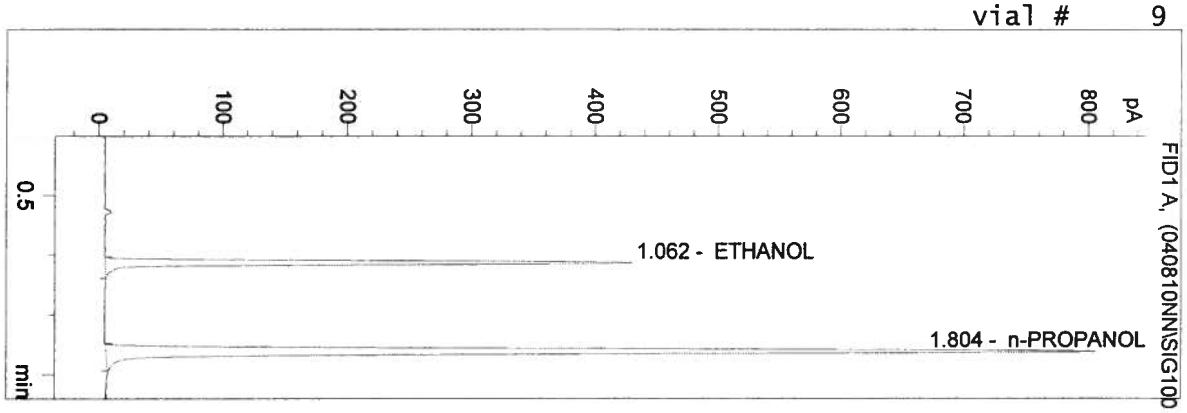
Instrument 3
DB-ALC2

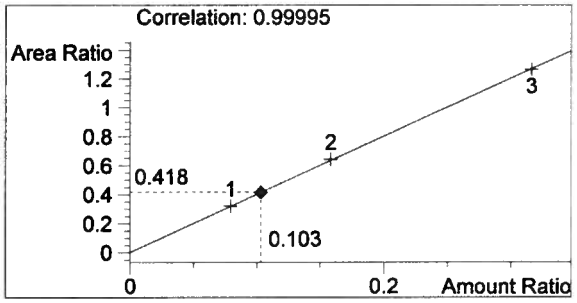
04025-2 SIM
N Nuwayhid, PhD

vial # 9

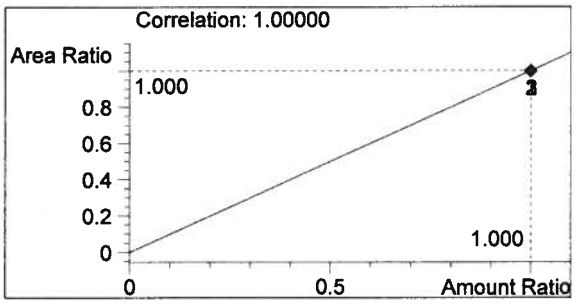


#	Compound	Area	RT
1	ETHANOL	967	1.062
2	n-PROPANOL	2314	1.804

Totals:



ETHANOL 0.103 g/100mL



n-PROPANOL 1.000 g/100mL

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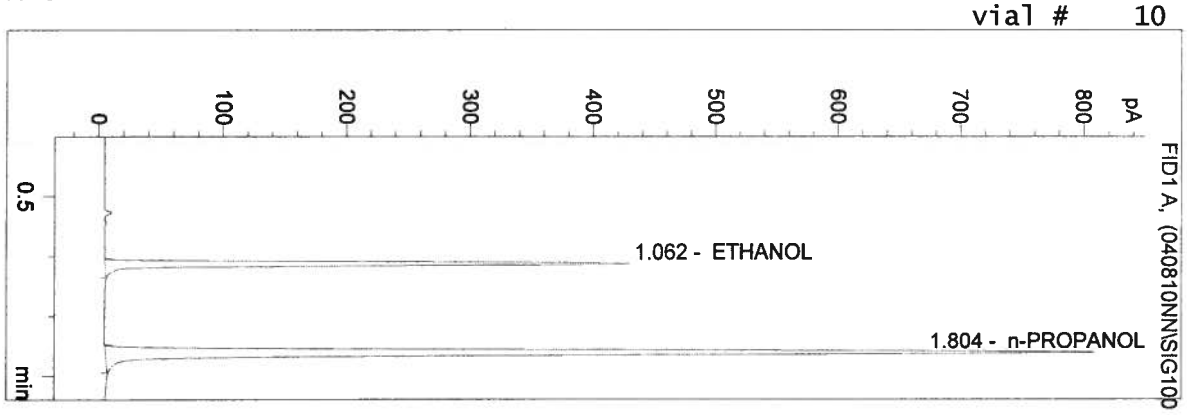
Instrument 3
DB-ALC2

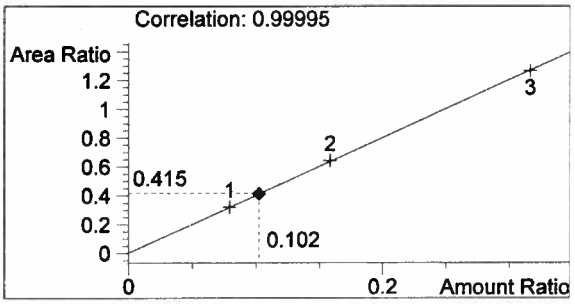
04025-3 SIM
N Nuwayhid, PhD

vial # 10

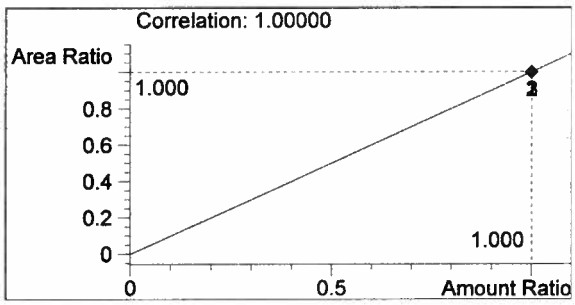


#	Compound	Area	RT
1	ETHANOL	965	1.062
2	n-PROPANOL	2327	1.804

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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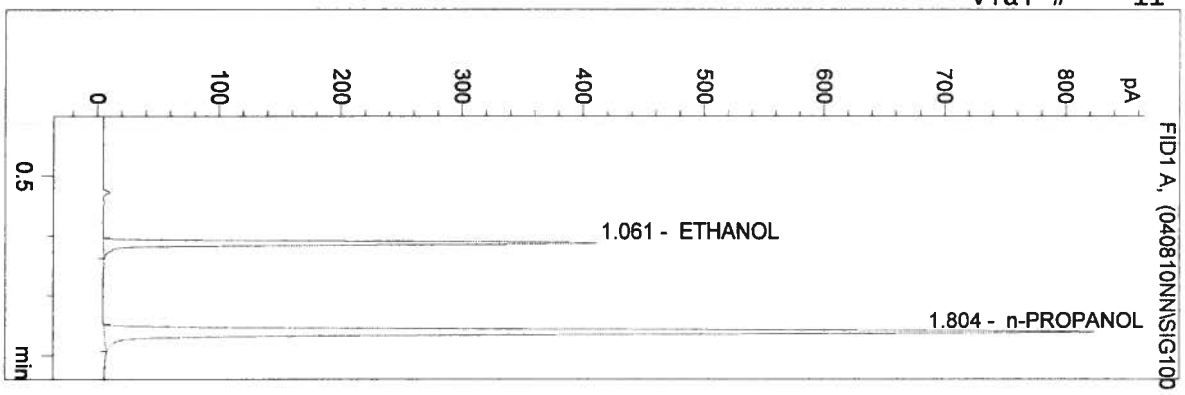
Instrument 3
DB-ALC2

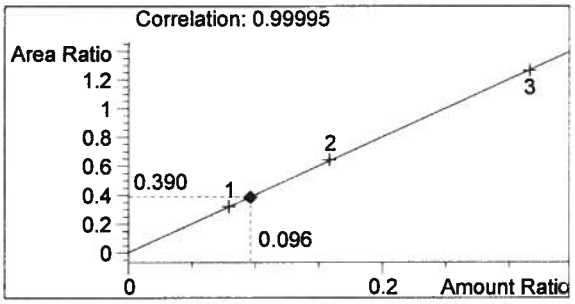
04025-4 SIM
N Nuwayhid, PhD

vial # 11

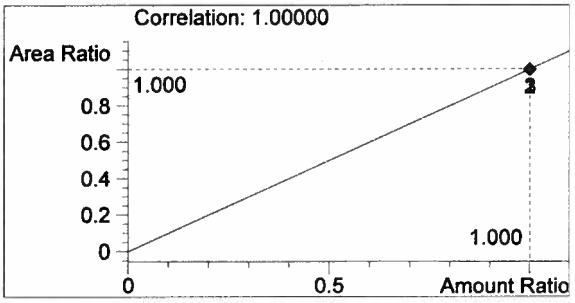


#	Compound	Area	RT
1	ETHANOL	921	1.061
2	n-PROPANOL	2362	1.804

Totals:



ETHANOL 0.096 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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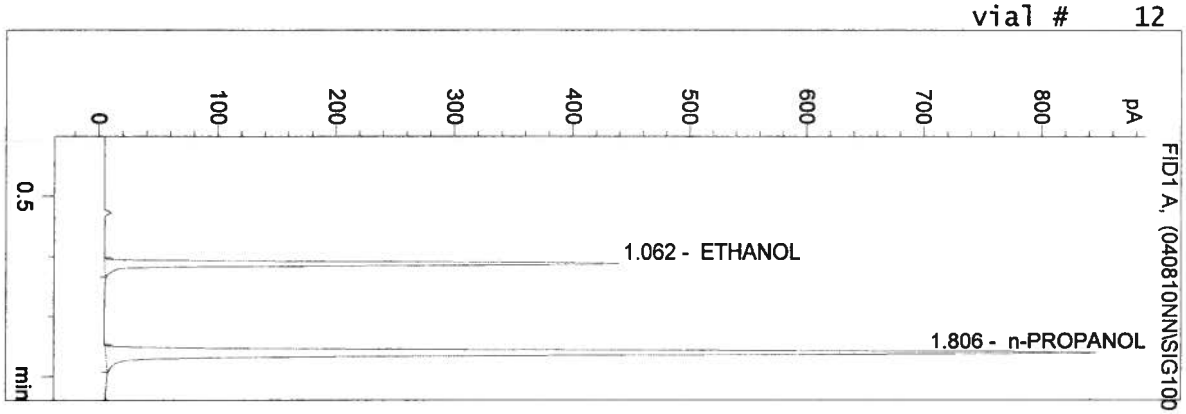
Instrument 3
DB-ALC2

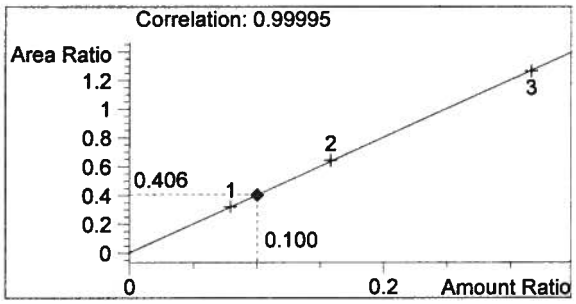
04025-5 SIM
N Nuwayhid, PhD

vial # 12

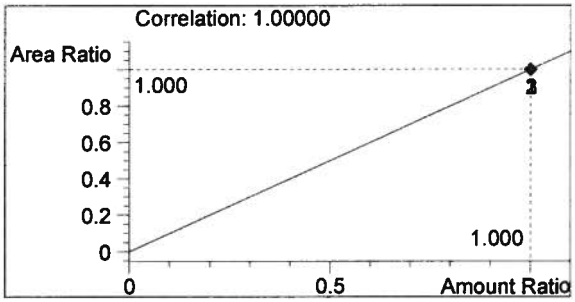


#	Compound	Area	RT
1	ETHANOL	986	1.062
2	n-PROPANOL	2428	1.806

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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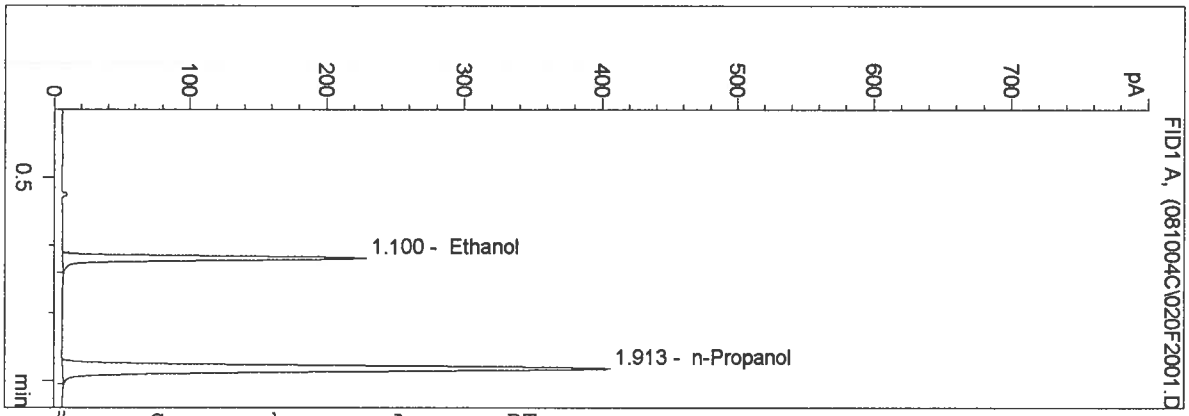
Instrument 5
DB-ALC2

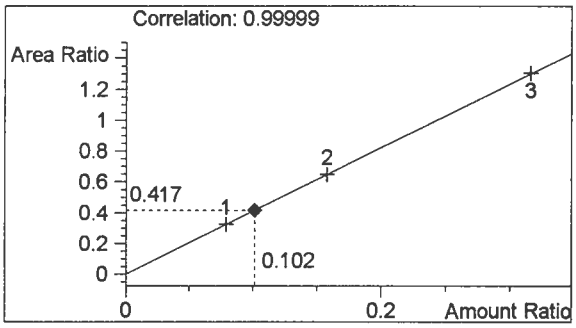
04025 - EF
SIMULATOR SOLUTION

vial # 20

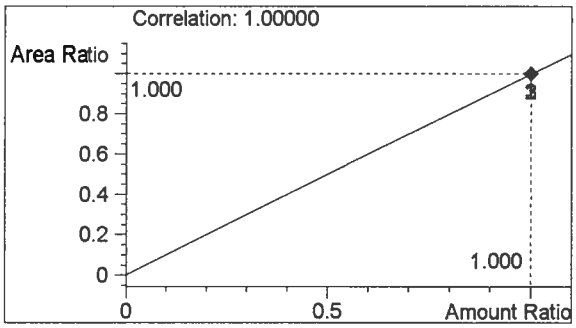


#	Compound	Area	RT
1	Ethanol	509	1.100
2	n-Propanol	1222	1.913

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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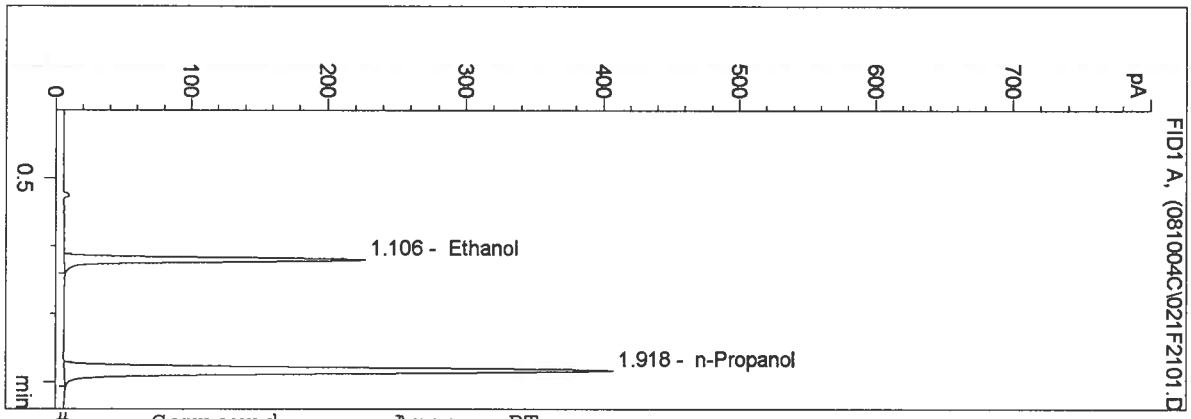
8/10/2004 10:49:56 AM
Instrument 5
DB-ALC2

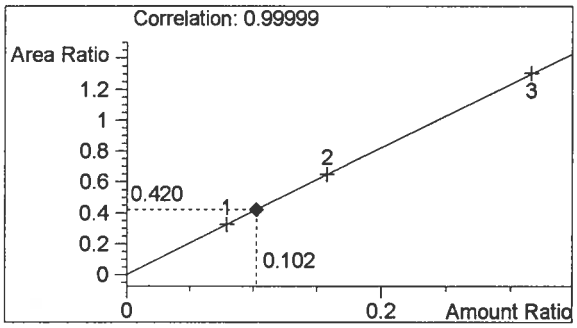
04025 - EF
SIMULATOR SOLUTION

vial # 21

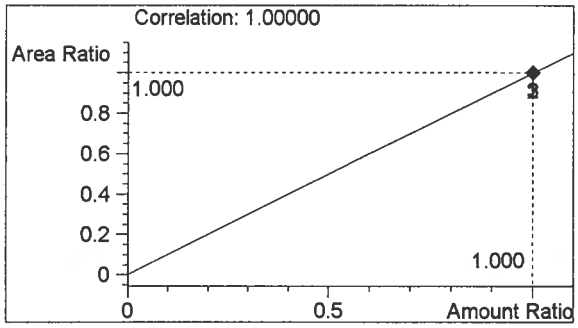


#	Compound	Area	RT
1	Ethanol	521	1.106
2	n-Propanol	1240	1.918

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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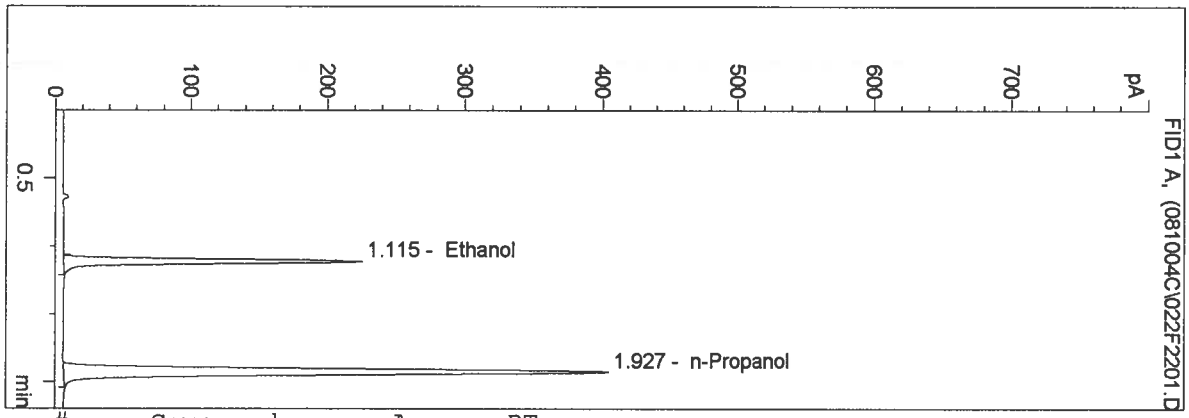
Instrument 5
DB-ALC2

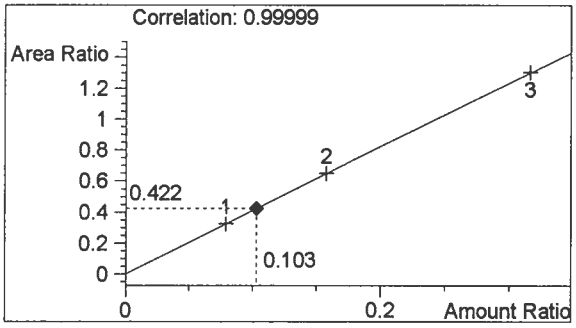
04025 - EF
SIMULATOR SOLUTION

vial # 22

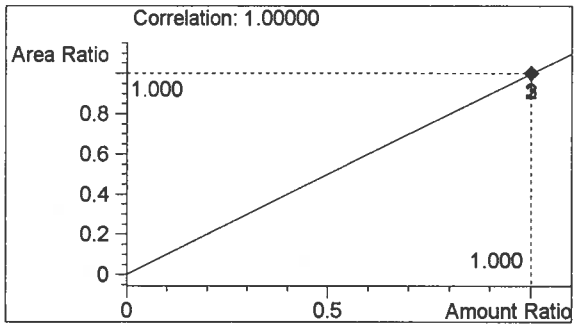


#	Compound	Area	RT
1	Ethanol	523	1.115
2	n-Propanol	1237	1.927

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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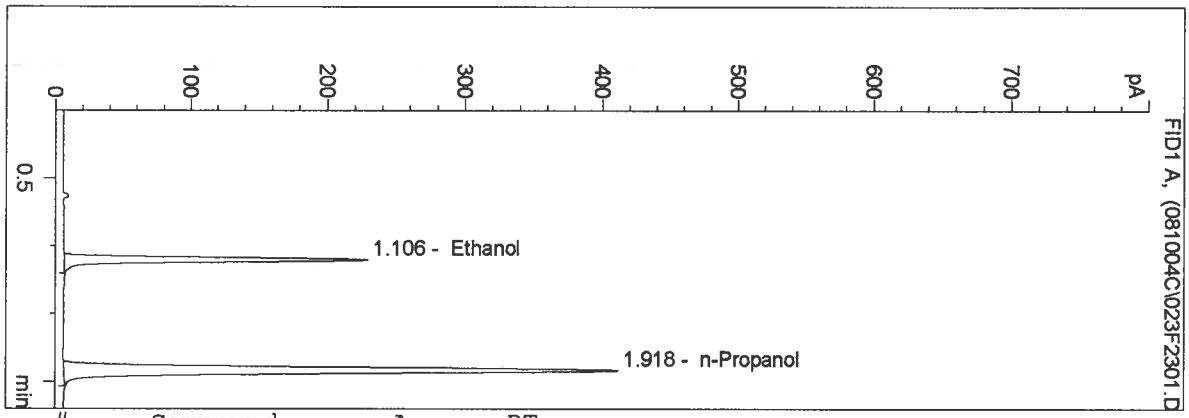
Instrument 5
DB-ALC2

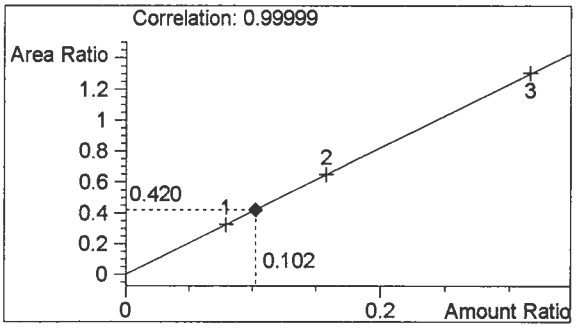
04025 - EF
SIMULATOR SOLUTION

vial # 23

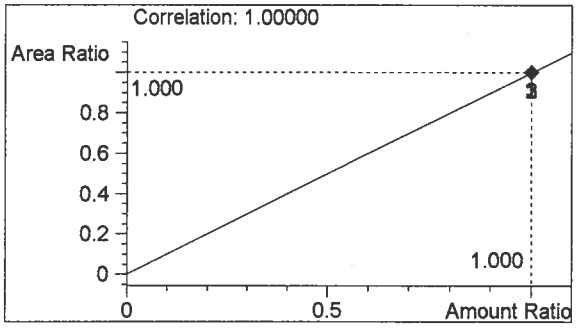


#	Compound	Area	RT
1	Ethanol	528	1.106
2	n-Propanol	1257	1.918

Totals:



Ethanol 0.102 g/100ml



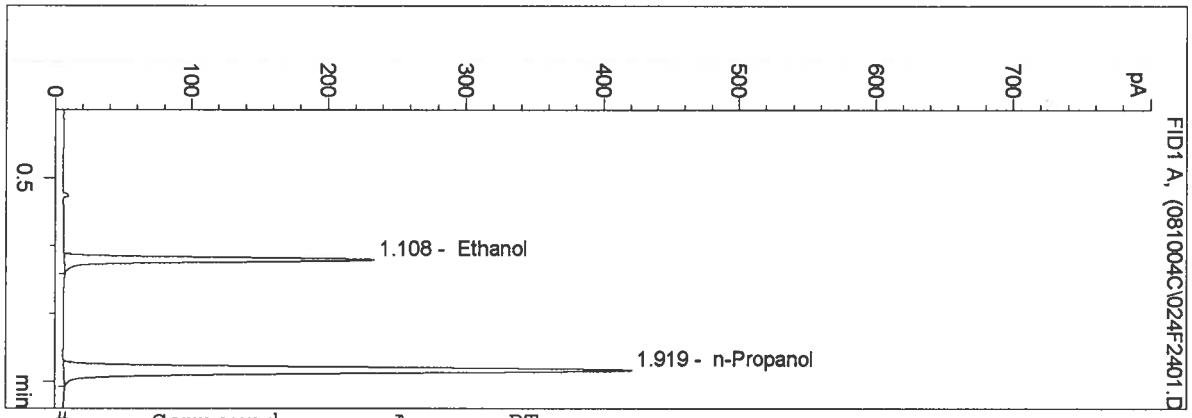
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/10/2004 10:58:36 AM
Instrument 5
DB-ALC2

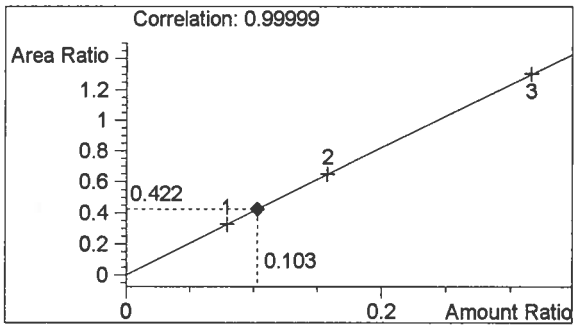
04025 - EF
SIMULATOR SOLUTION

vial # 24

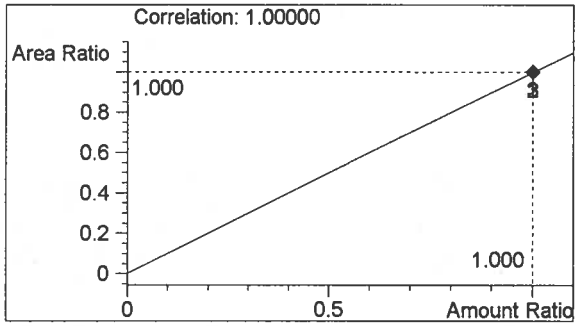


#	Compound	Area	RT
1	Ethanol	545	1.108
2	n-Propanol	1292	1.919

Totals:



Ethanol 0.103 g/100ml



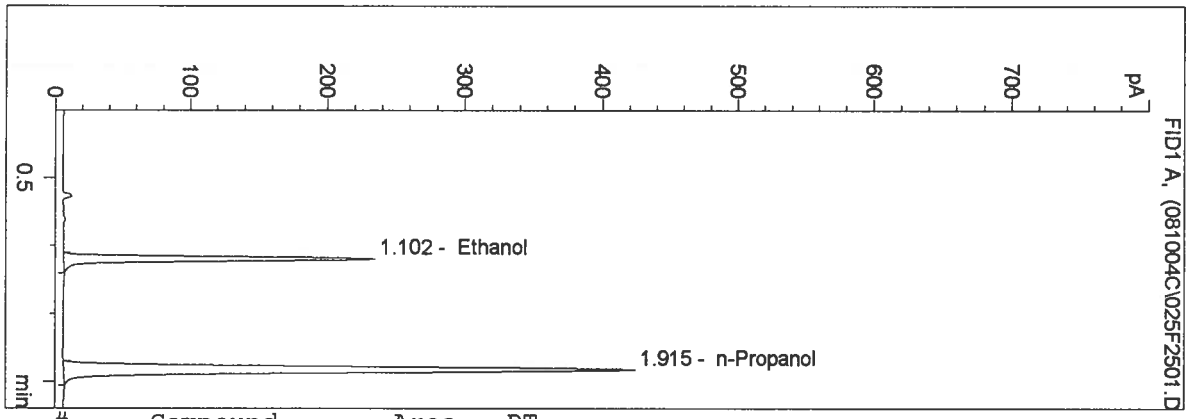
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/10/2004 11:01:46 AM
Instrument 5
DB-ALC2

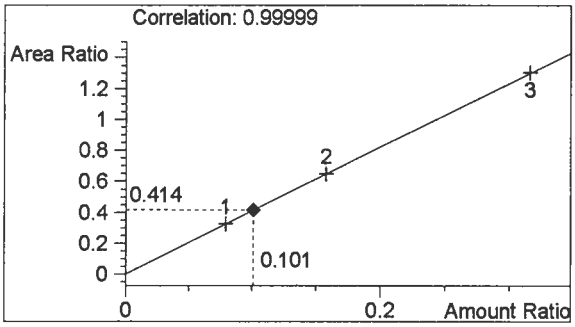
0.10 CONT - EF
SIMULATOR SOLUTION

vial # 25

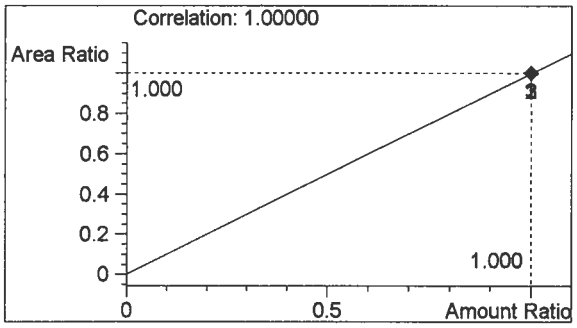


#	Compound	Area	RT
1	Ethanol	530	1.102
2	n-Propanol	1281	1.915

Totals:



Ethanol 0.101 g/100ml



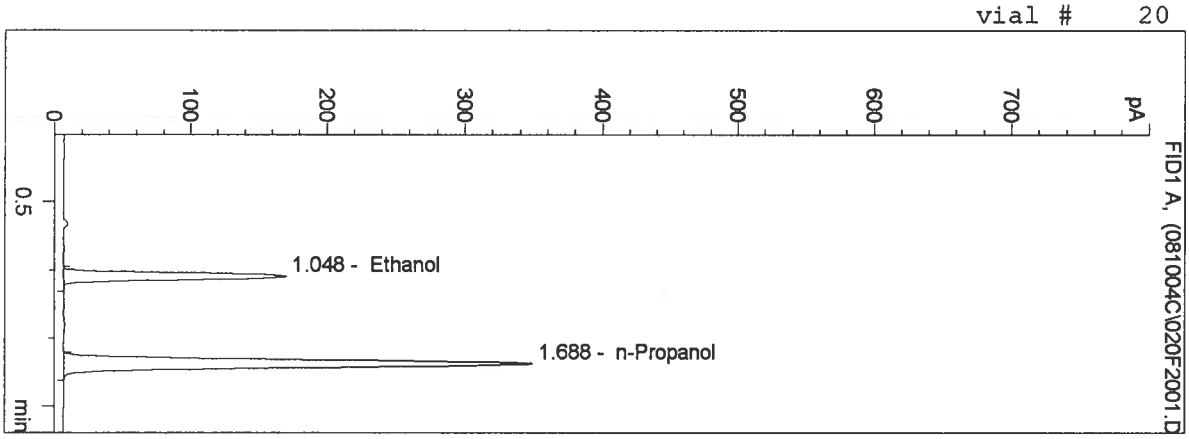
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 10:58:47 AM
Instrument 4
DB-ALC1

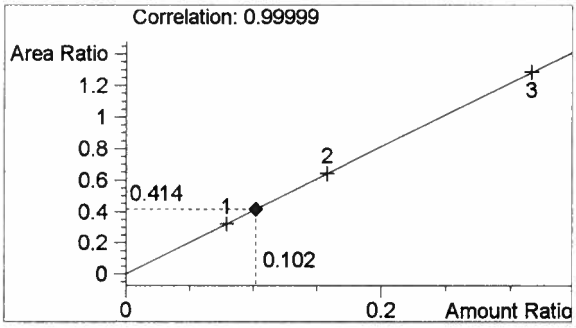
04025 - AMG
SIMULATOR SOLUTION

vial # 20

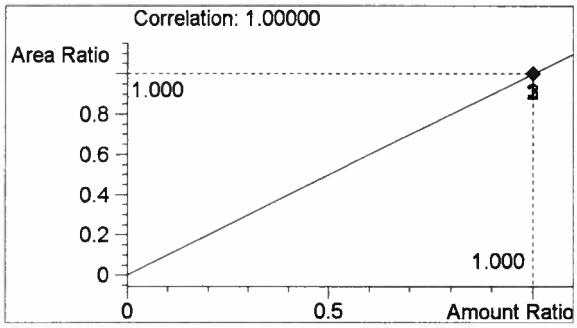


#	Compound	Area	RT
1	Ethanol	545	1.048
2	n-Propanol	1317	1.688

Totals:



Ethanol 0.102 g/100ml



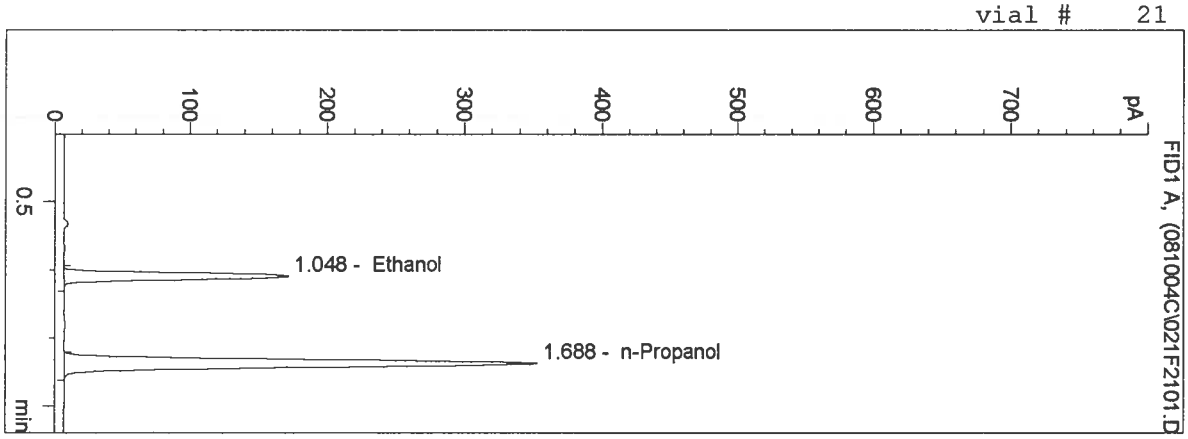
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 11:02:02 AM
Instrument 4
DB-ALC1

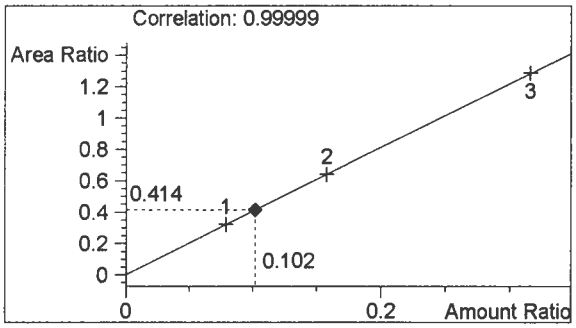
04025 - AMG
SIMULATOR SOLUTION

vial # 21

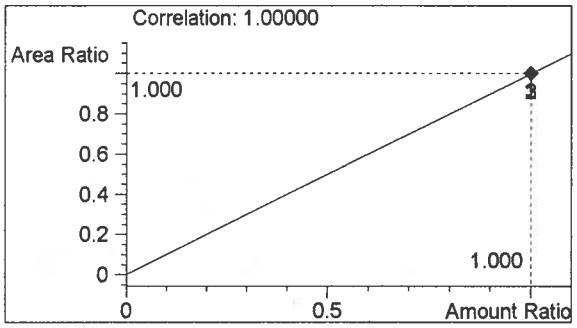


#	Compound	Area	RT
1	Ethanol	554	1.048
2	n-Propanol	1336	1.688

Totals:



Ethanol 0.102 g/100ml



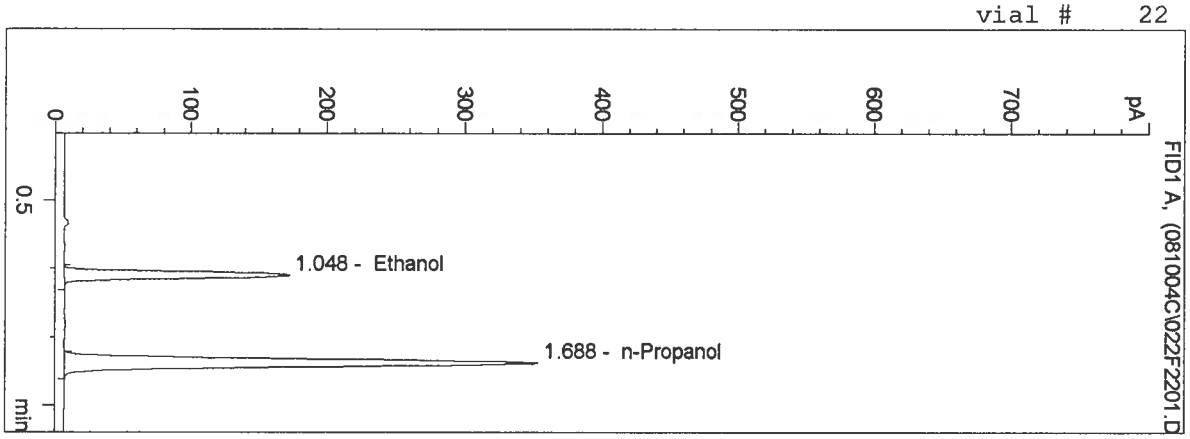
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 11:05:17 AM
Instrument 4
DB-ALC1

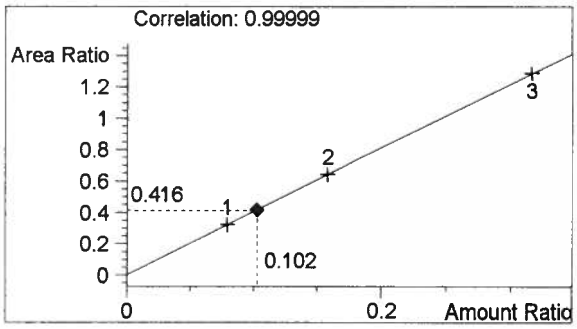
04025 - AMG
SIMULATOR SOLUTION

vial # 22

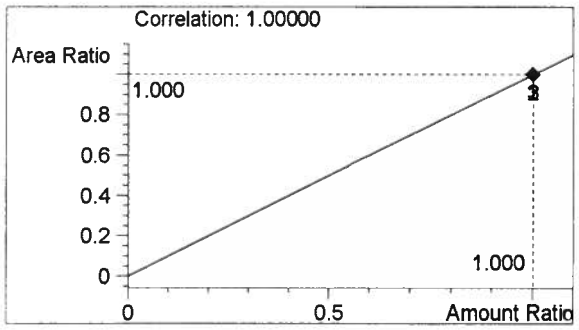


#	Compound	Area	RT
1	Ethanol	554	1.048
2	n-Propanol	1333	1.688

Totals:



Ethanol 0.102 g/100ml



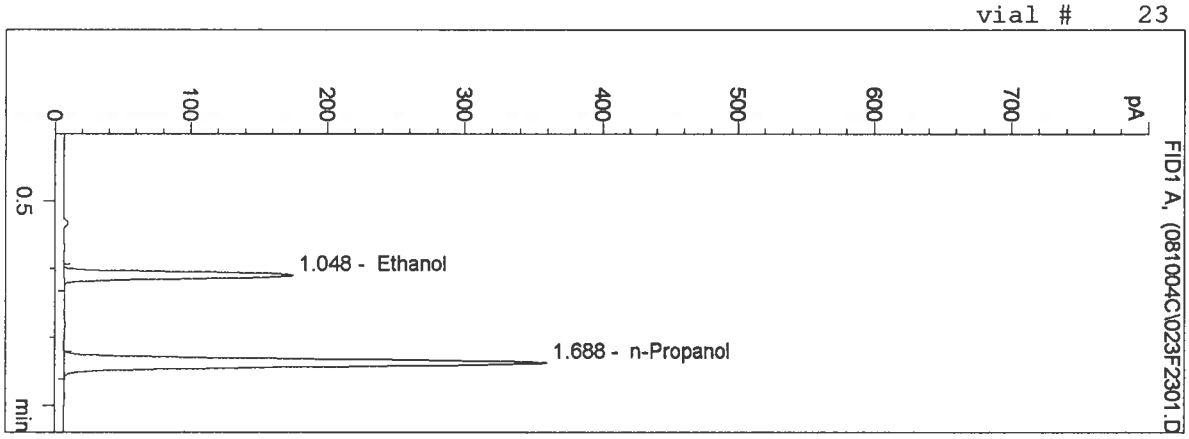
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 11:08:32 AM
Instrument 4
DB-ALC1

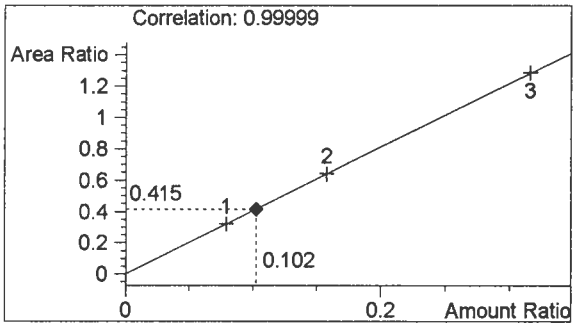
04025 - AMG
SIMULATOR SOLUTION

vial # 23

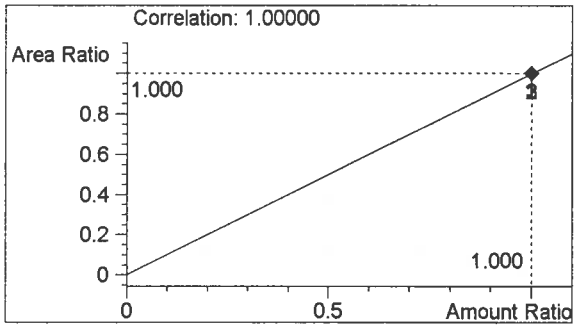


#	Compound	Area	RT
1	Ethanol	564	1.048
2	n-Propanol	1362	1.688

Totals:



Ethanol 0.102 g/100ml



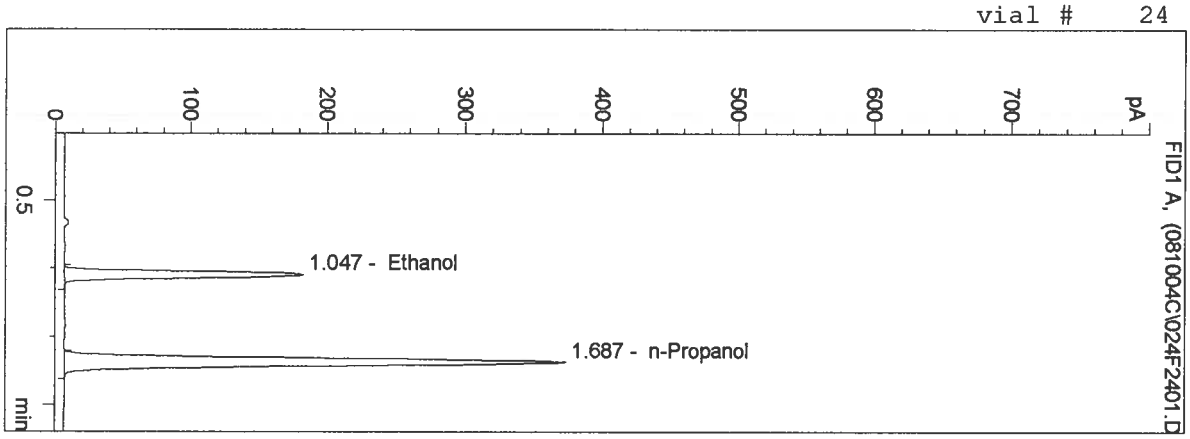
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 11:11:44 AM
Instrument 4
DB-ALC1

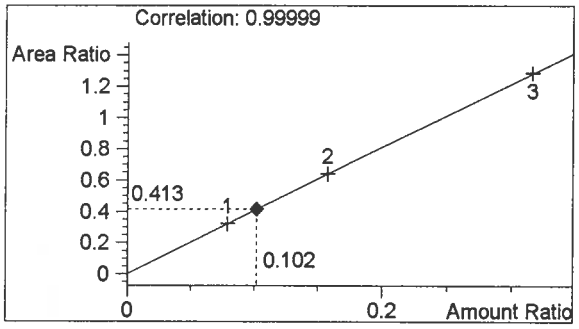
04025 - AMG
SIMULATOR SOLUTION

vial # 24

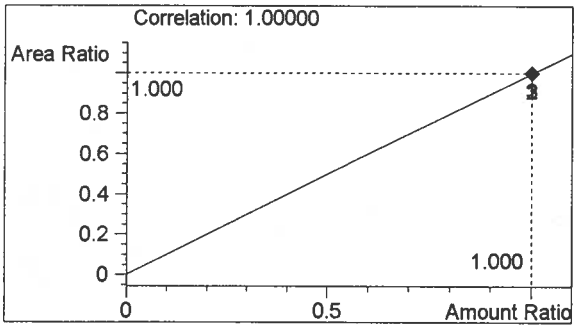


#	Compound	Area	RT
1	Ethanol	575	1.047
2	n-Propanol	1393	1.687

Totals:



Ethanol 0.102 g/100ml



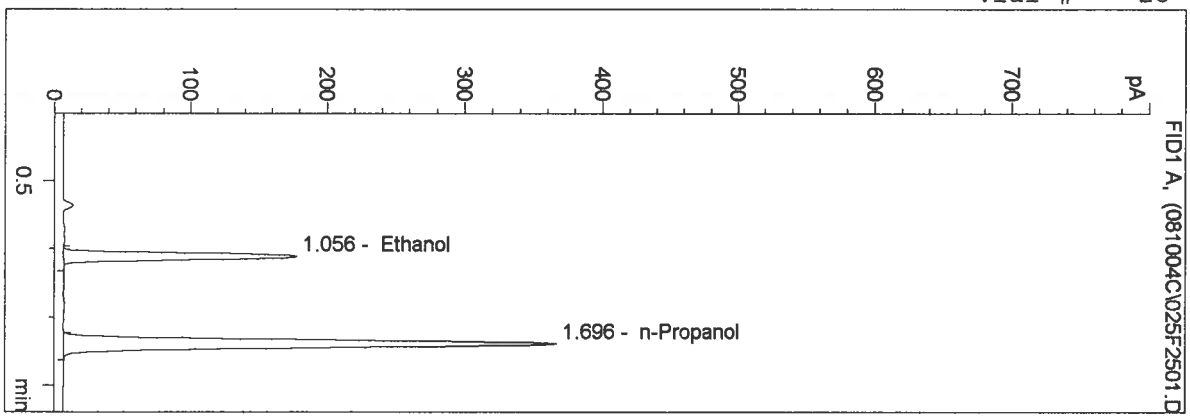
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 11:14:53 AM
Instrument 4
DB-ALC1

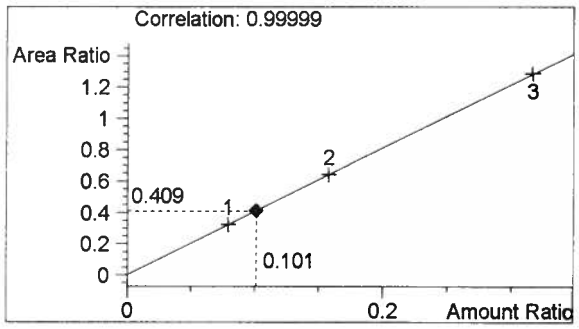
0.10 CON - AMG
SIMULATOR SOLUTION

vial # 25

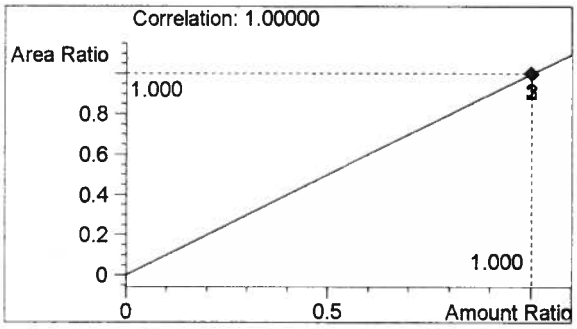


#	Compound	Area	RT
1	Ethanol	561	1.056
2	n-Propanol	1373	1.696

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	mary wilson
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	040810
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	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	0.10ctlmw	BLDALCO	1	Ctrl Samp		
2	Vial 2	blank	BLDALCO	1	Sample		
3	Vial 3	04025sim sol	BLDALCO	1	Sample		
4	Vial 4	04025sim sol	BLDALCO	1	Sample		
5	Vial 5	04025sim sol	BLDALCO	1	Sample		
6	Vial 6	04025sim sol	BLDALCO	1	Sample		
7	Vial 7	04025sim sol	BLDALCO	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval

Sequence Table (Back Injector):

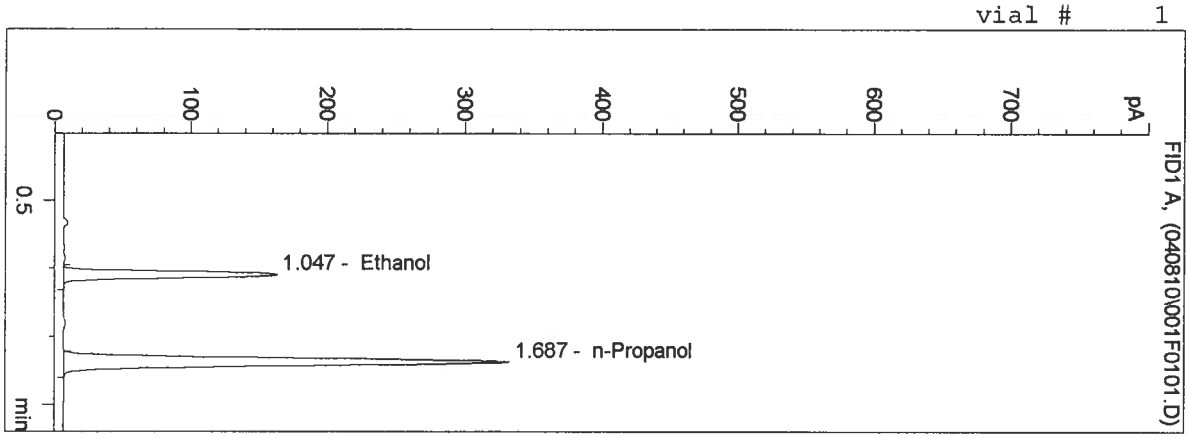
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 8:49:06 AM
Instrument 4
DB-ALC1

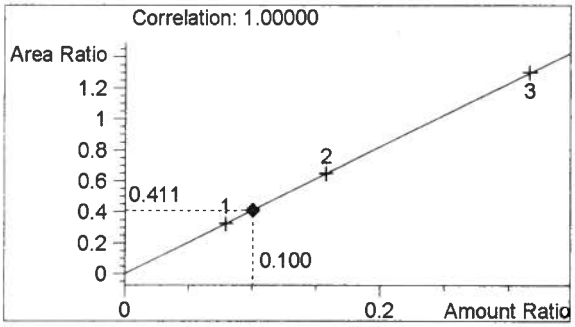
0.10ctlmw
mary wilson

vial # 1

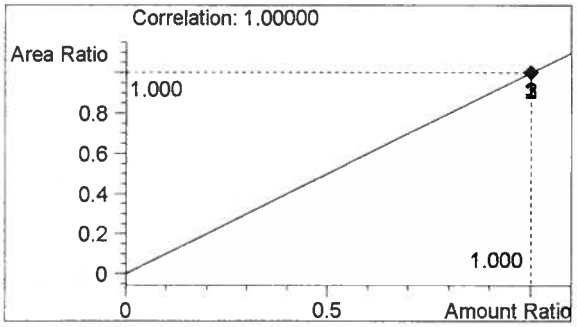


#	Compound	Area	RT
1	Ethanol	506	1.047
2	n-Propanol	1230	1.687

Totals:



Ethanol 0.100 g/100ml



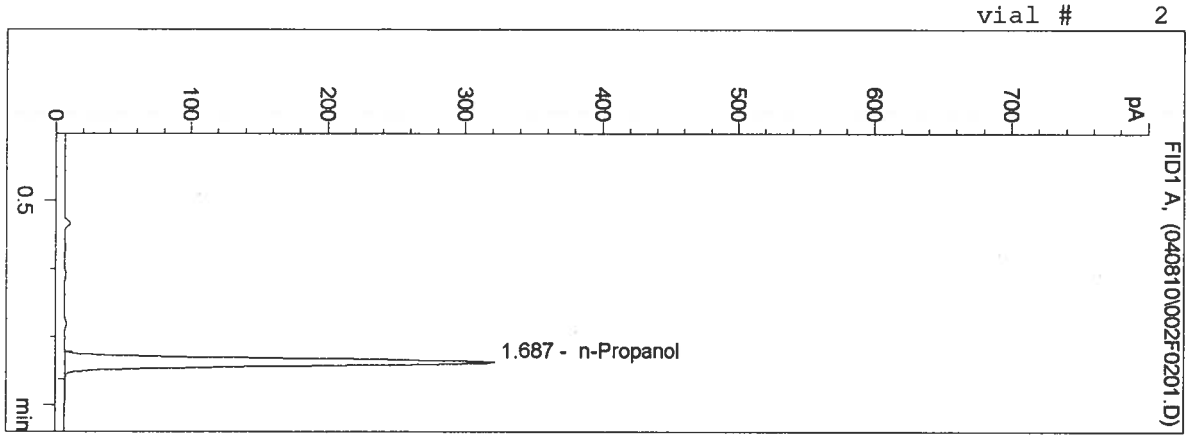
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 8:52:21 AM
Instrument 4
DB-ALC1

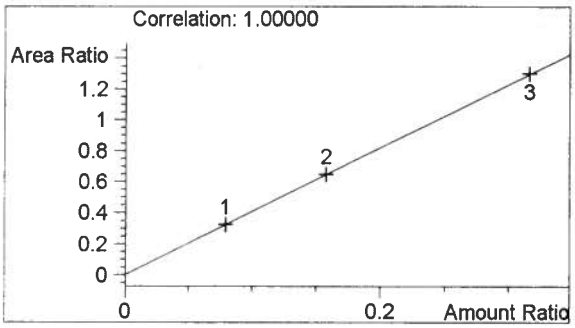
blank
mary wilson

vial # 2

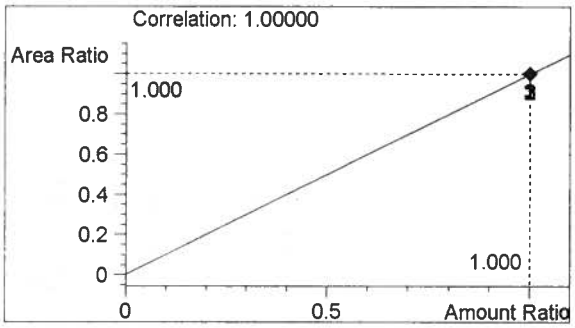


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1196	1.687

Totals:



Ethanol 0.000 g/100ml



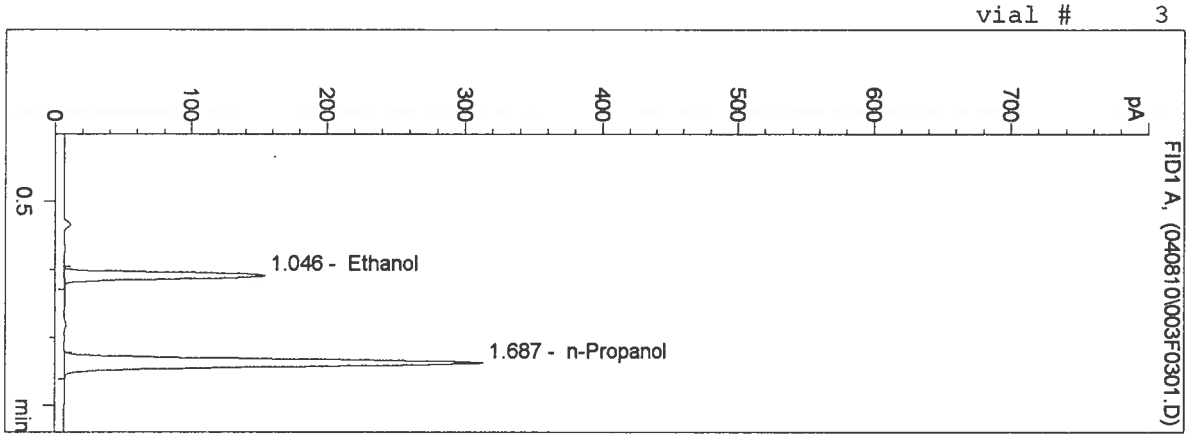
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 8:55:33 AM
Instrument 4
DB-ALC1

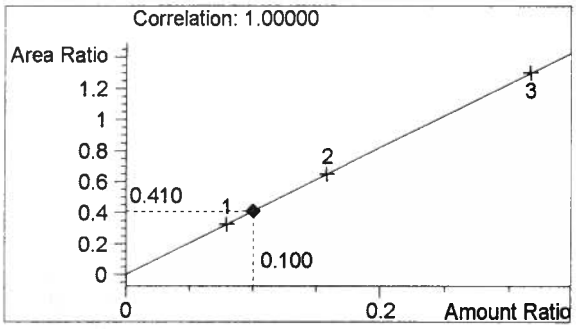
04025sim sol
mary wilson

vial # 3

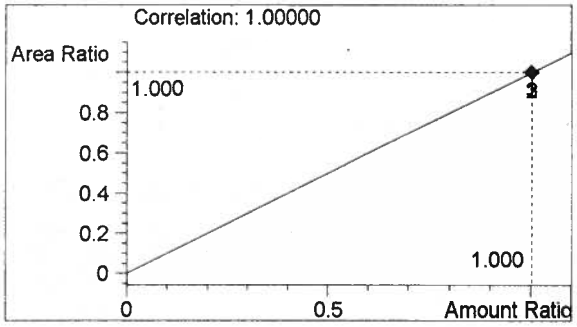


#	Compound	Area	RT
1	Ethanol	474	1.046
2	n-Propanol	1157	1.687

Totals:



Ethanol 0.100 g/100ml



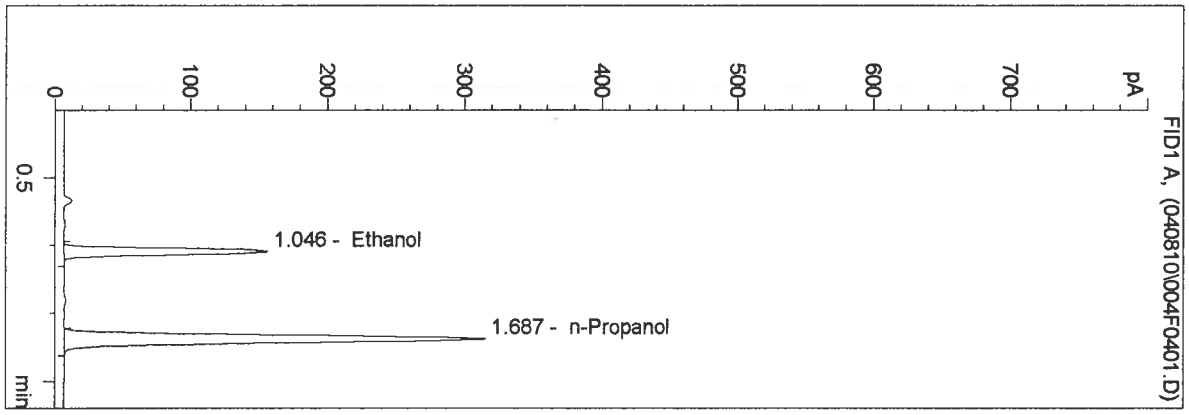
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 8:58:43 AM
Instrument 4
DB-ALC1

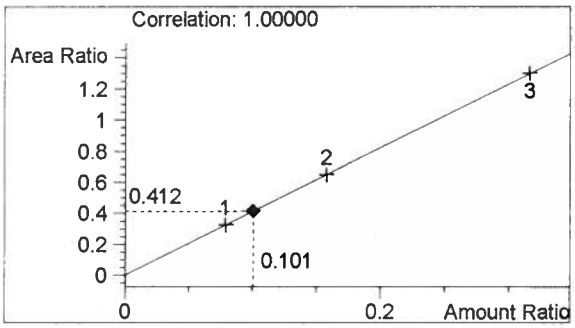
04025sim sol
mary wilson

vial # 4

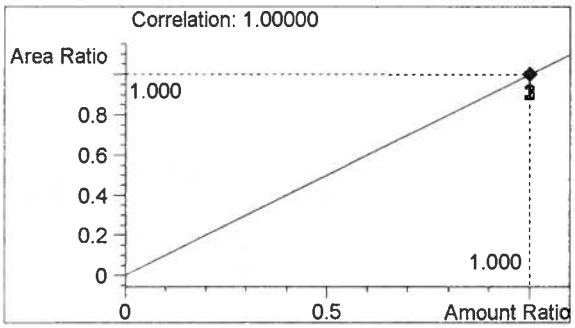


#	Compound	Area	RT
1	Ethanol	479	1.046
2	n-Propanol	1161	1.687

Totals:



Ethanol 0.101 g/100ml



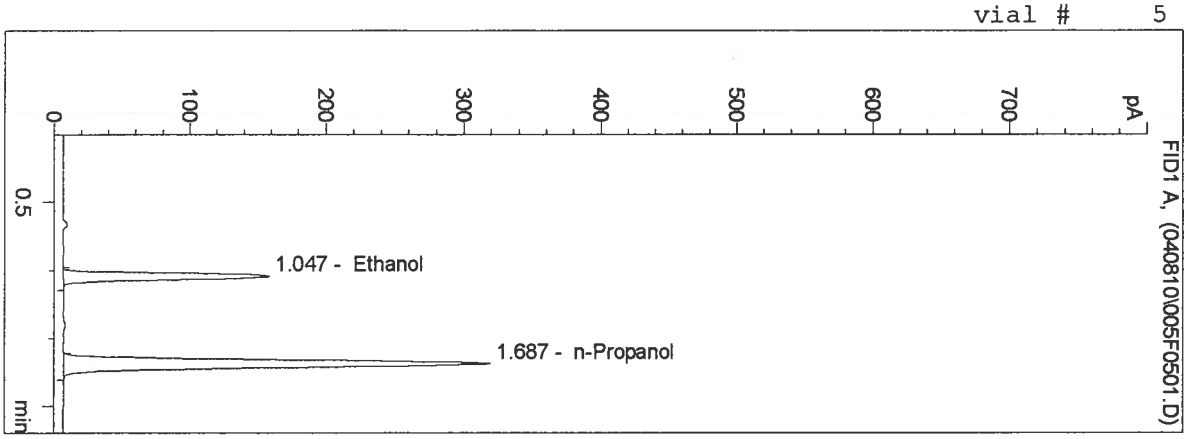
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 9:01:51 AM
Instrument 4
DB-ALC1

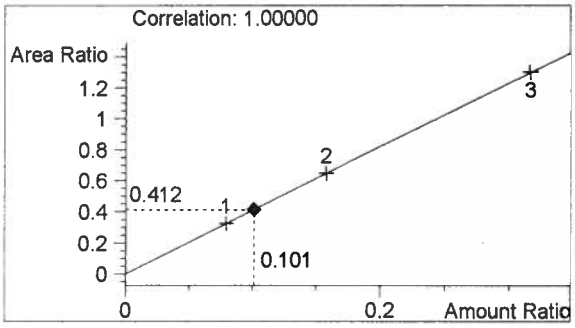
04025sim sol
mary wilson

vial # 5

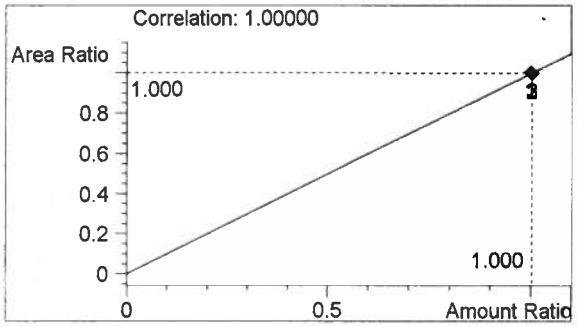


#	Compound	Area	RT
1	Ethanol	487	1.047
2	n-Propanol	1181	1.687

Totals:



Ethanol 0.101 g/100ml



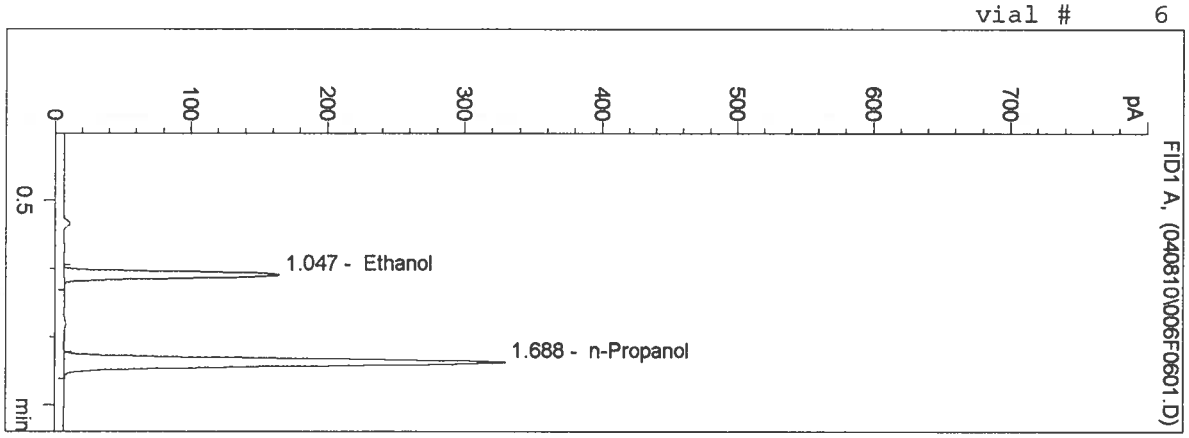
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

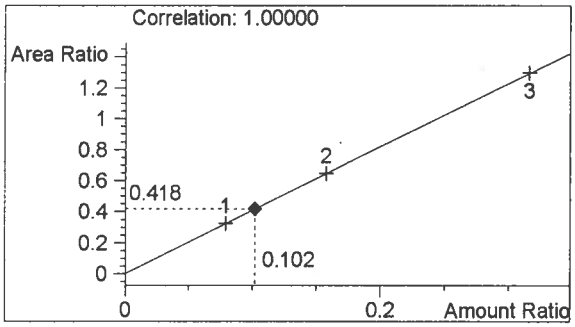
D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 9:04:57 AM
Instrument 4
DB-ALC1

04025sim sol
mary wilson

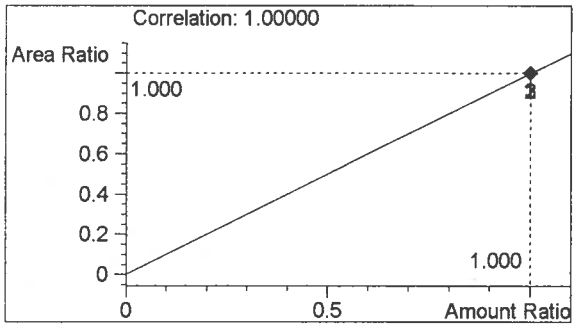
vial # 6



#	Compound	Area	RT
1	Ethanol	512	1.047
2	n-Propanol	1224	1.688
Totals:			



Ethanol 0.102 g/100ml



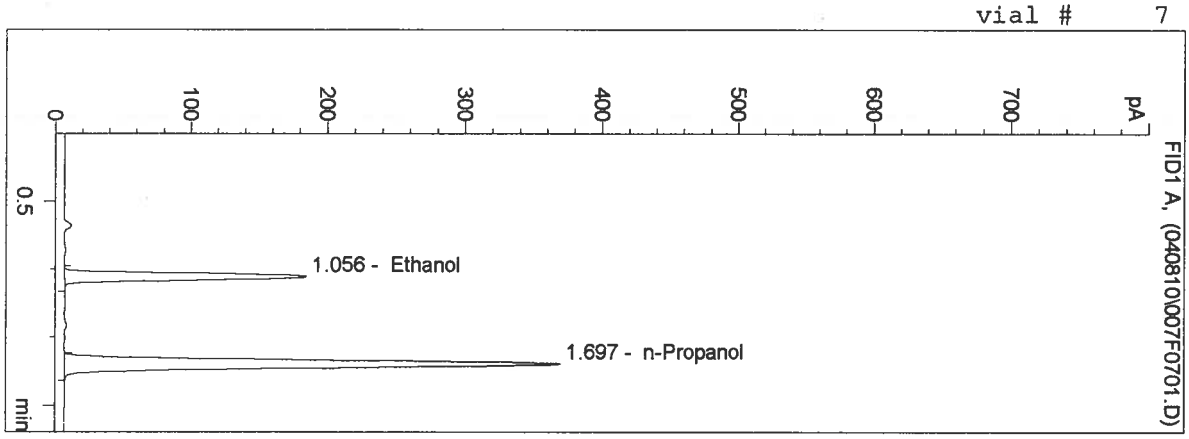
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/10/2004 9:10:35 AM
Instrument 4
DB-ALC1

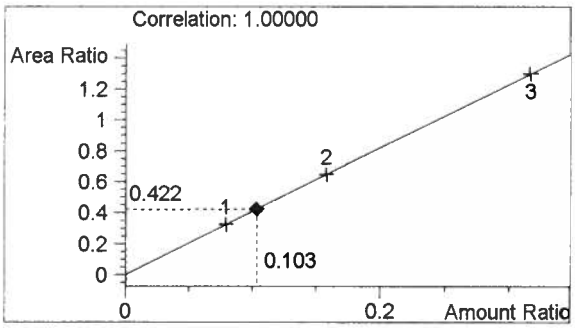
04025sim sol
mary wilson

vial # 7

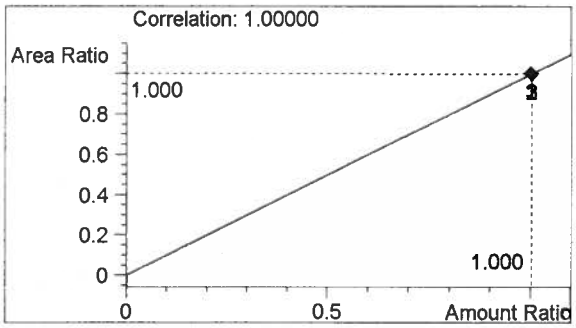


#	Compound	Area	RT
1	Ethanol	584	1.056
2	n-Propanol	1385	1.697

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

Sequence: D:\HPCHEM\1\SEQUENCE\KARI.S

Sequence Parameters:

Operator:	Kari Gruendell
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	040812KG
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	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	SIM 04025	BLDALCO	1	Sample		
2	Vial 2	SIM 04025	BLDALCO	1	Sample		
3	Vial 3	SIM 04025	BLDALCO	1	Sample		
4	Vial 4	SIM 04025	BLDALCO	1	Sample		
5	Vial 5	SIM 04025	BLDALCO	1	Sample		
6	Vial 6	0.10 CONTROL	BLDALCO	1	Sample		
7	Vial 7	BLANK	BLDALCO	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

Calibrations
with ST045413

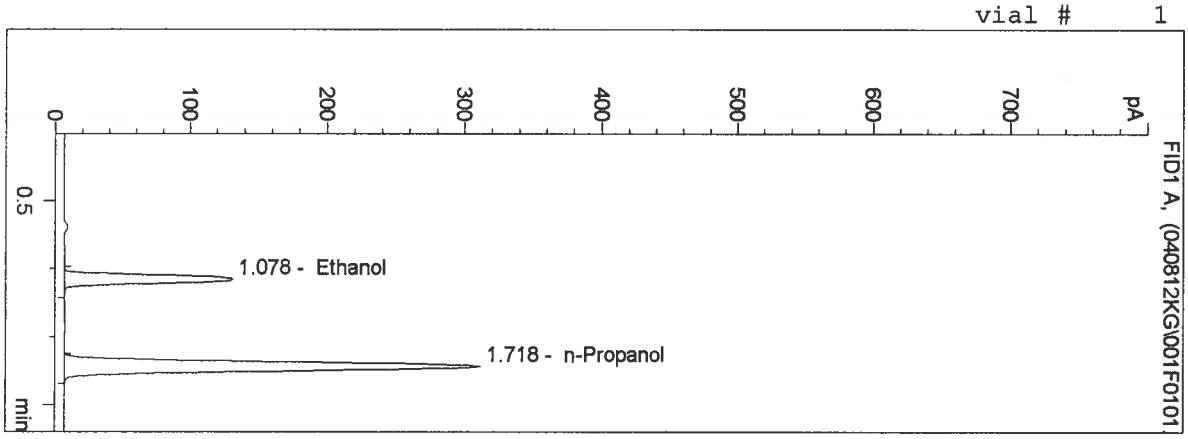
8/12/04 KG

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/12/2004 8:09:20 AM
Instrument 4
DB-ALC1

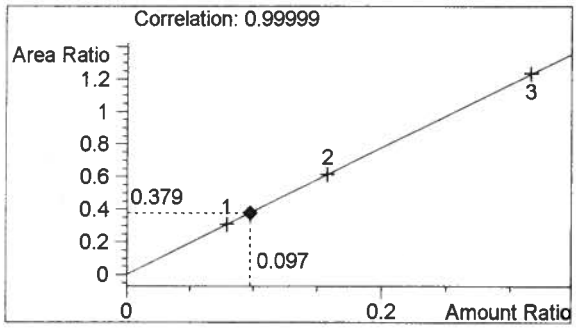
SIM 04025
Kari Gruendell

vial # 1

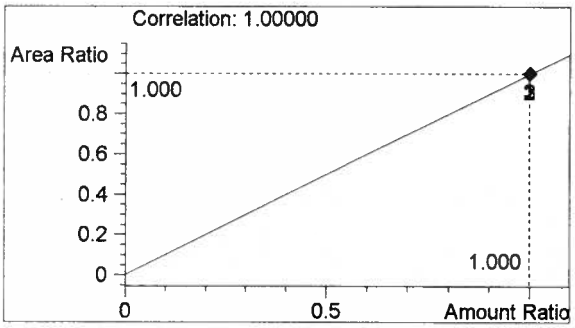


#	Compound	Area	RT
1	Ethanol	504	1.078
2	n-Propanol	1331	1.718

Totals:



Ethanol 0.097 g/100ml



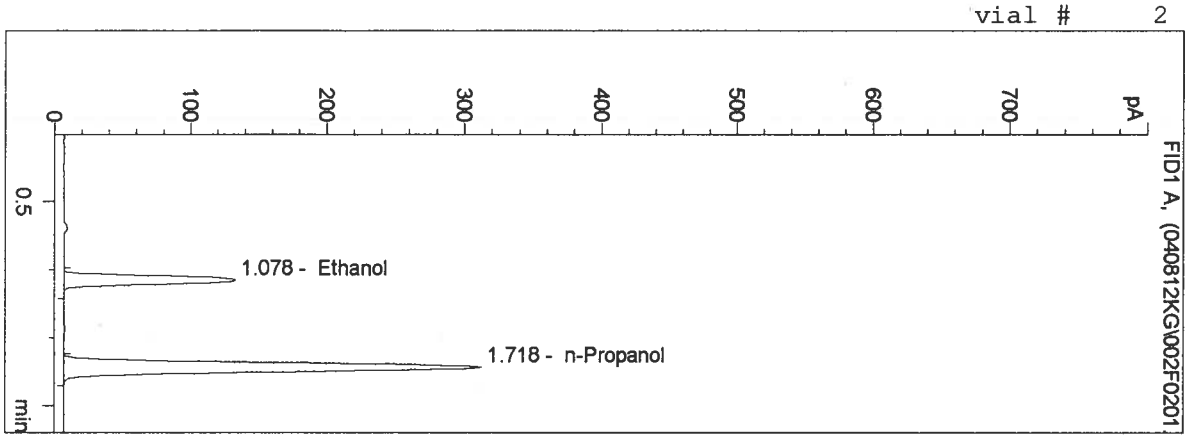
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/12/2004 8:12:35 AM
Instrument 4
DB-ALC1

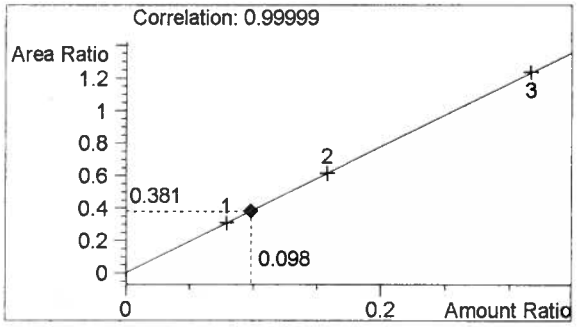
SIM 04025
Kari Gruendell

vial # 2

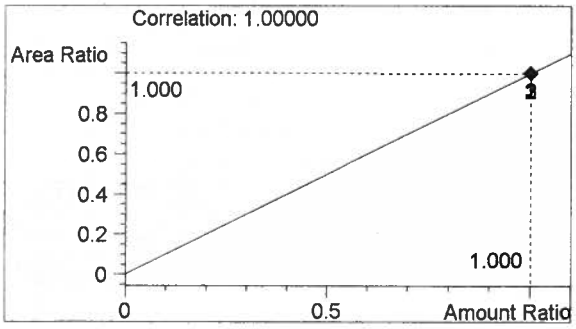


#	Compound	Area	RT
1	Ethanol	508	1.078
2	n-Propanol	1333	1.718

Totals:



Ethanol 0.098 g/100ml



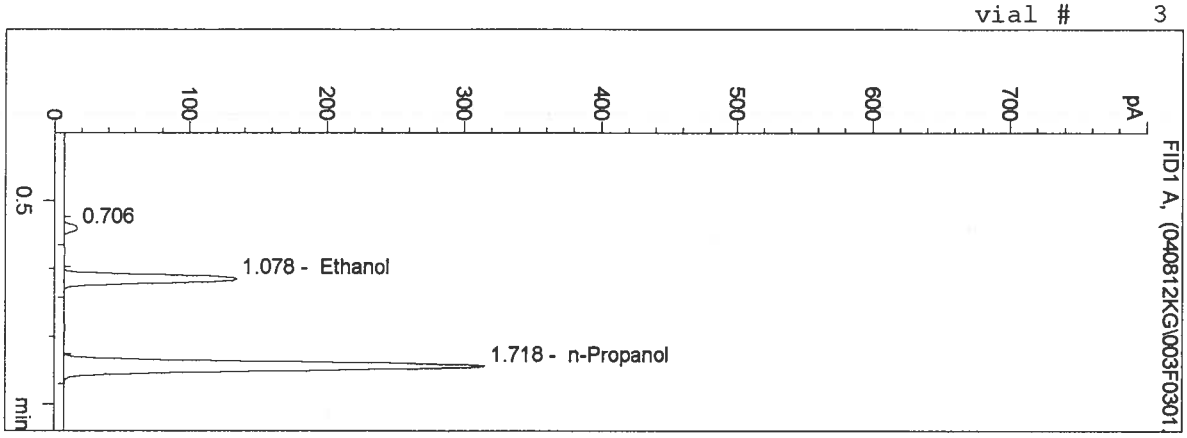
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/12/2004 8:15:48 AM
Instrument 4
DB-ALC1

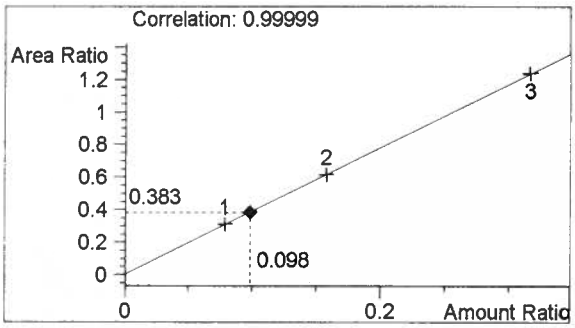
SIM 04025
Kari Gruendell

vial # 3

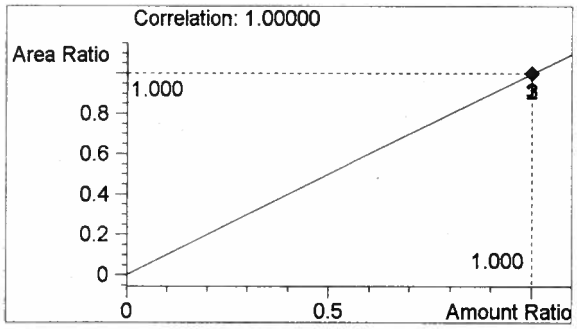


#	Compound	Area	RT
1		35	0.706
2	Ethanol	515	1.078
3	n-Propanol	1348	1.718

Totals:



Ethanol 0.098 g/100ml



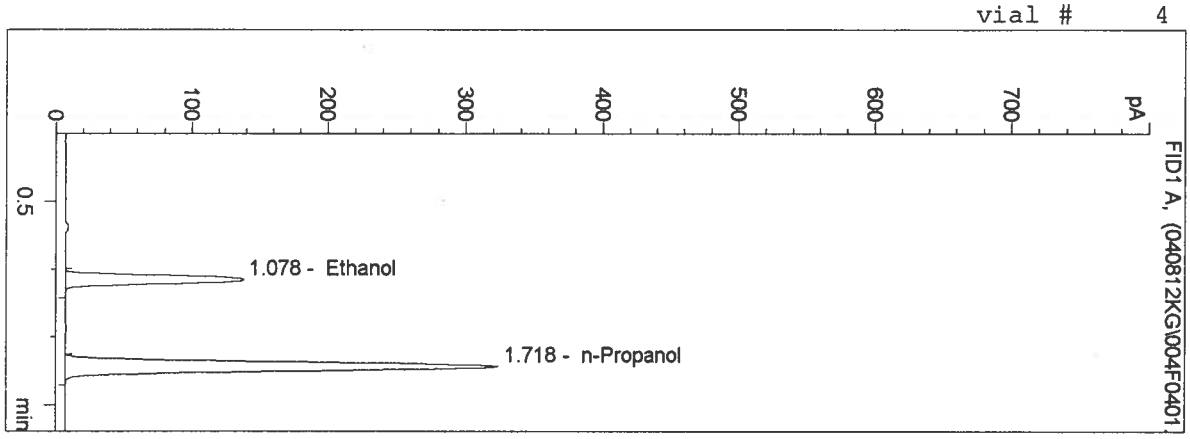
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/12/2004 8:18:58 AM
Instrument 4
DB-ALC1

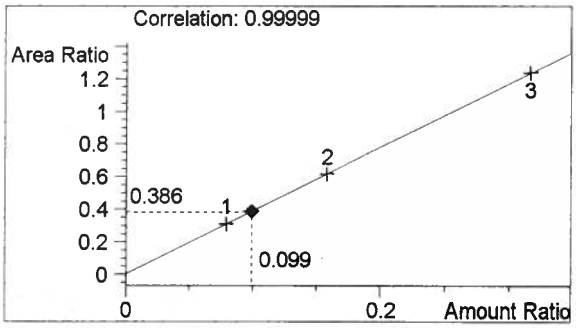
SIM 04025
Kari Gruendell

vial # 4

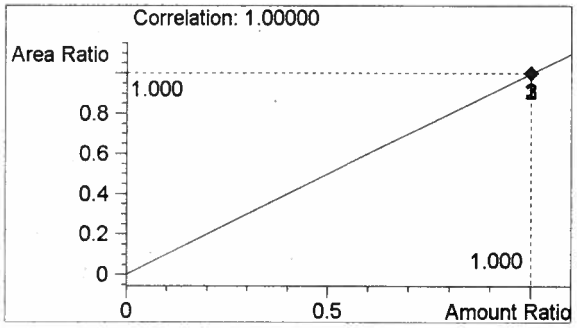


#	Compound	Area	RT
1	Ethanol	538	1.078
2	n-Propanol	1394	1.718

Totals:



Ethanol 0.099 g/100ml



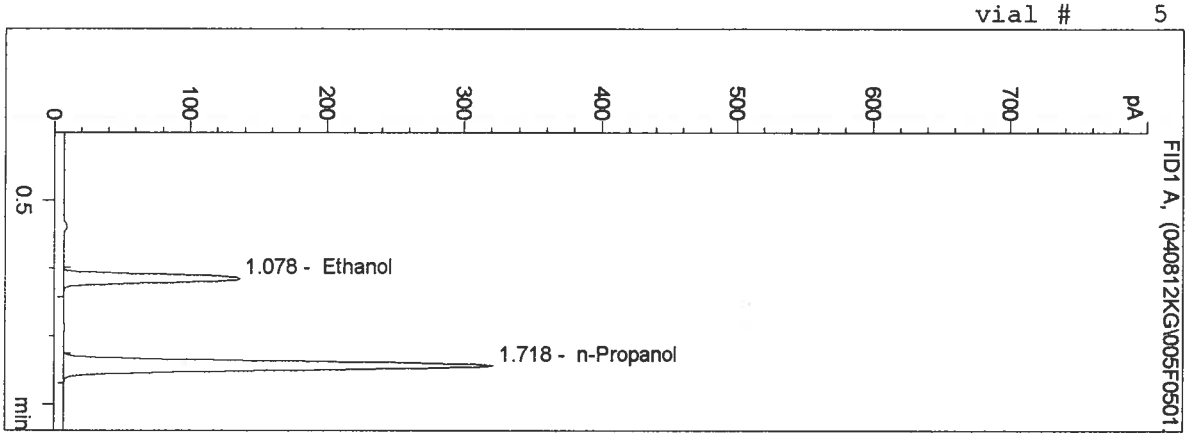
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/12/2004 8:22:07 AM
Instrument 4
DB-ALC1

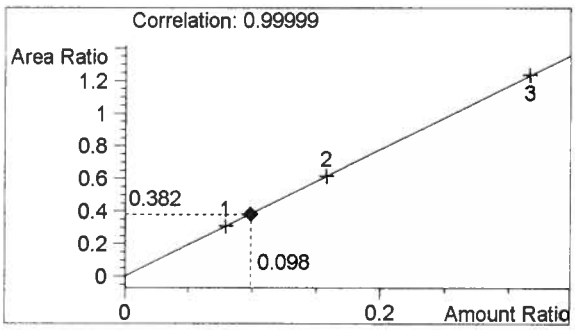
SIM 04025
Kari Gruendell

vial # 5

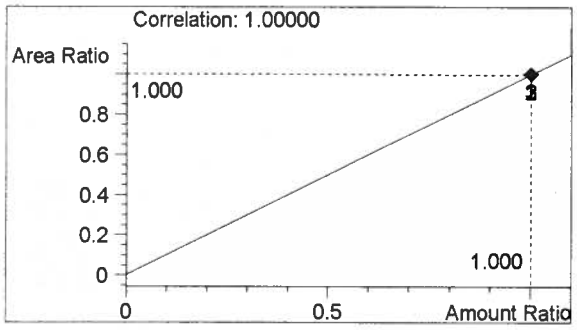


#	Compound	Area	RT
1	Ethanol	525	1.078
2	n-Propanol	1374	1.718

Totals:



Ethanol 0.098 g/100ml



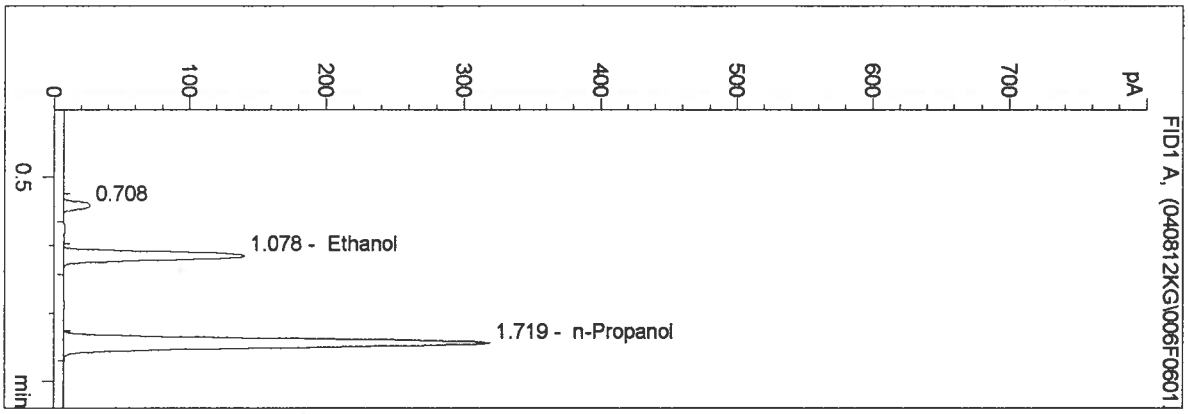
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

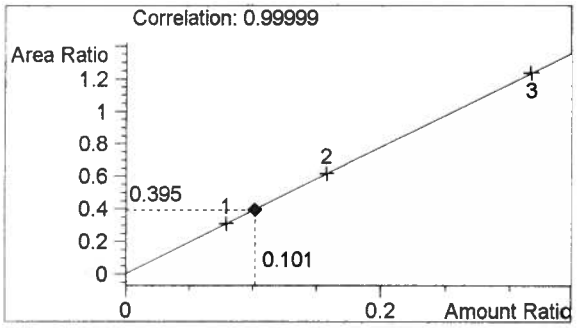
D:\HPCHEM\1\METHODS\BLDALCO.M
8/12/2004 8:25:14 AM
Instrument 4
DB-ALC1

0.10 CONTROL
Kari Gruendell

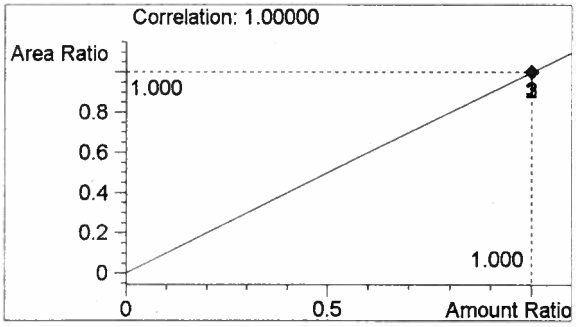
vial # 6



#	Compound	Area	RT
1		69	0.708
2	Ethanol	538	1.078
3	n-Propanol	1362	1.719
Totals:			



Ethanol 0.101 g/100ml



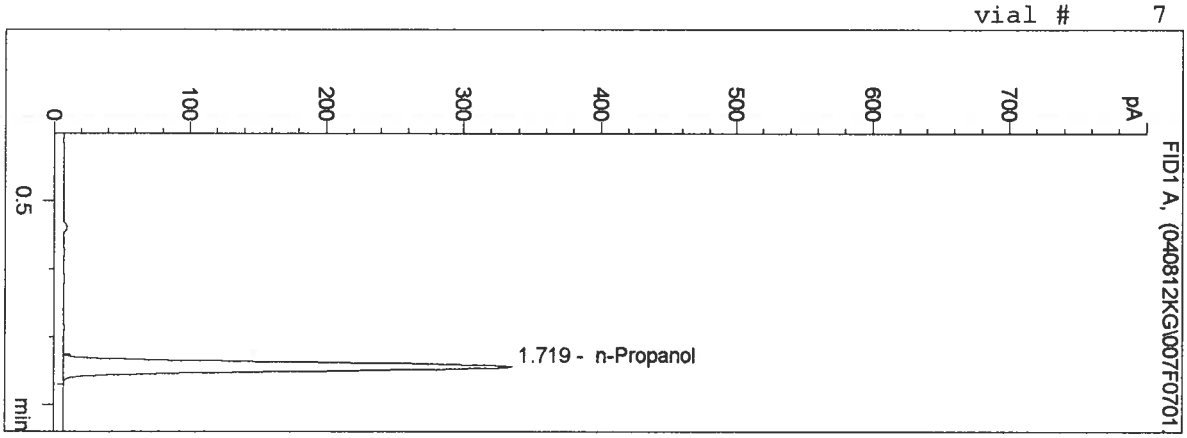
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/12/2004 8:30:53 AM
Instrument 4
DB-ALC1

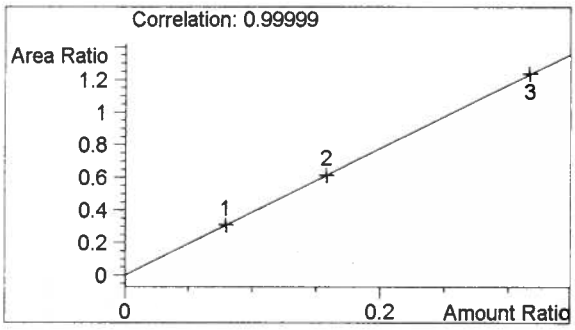
BLANK
Kari Gruendell

vial # 7

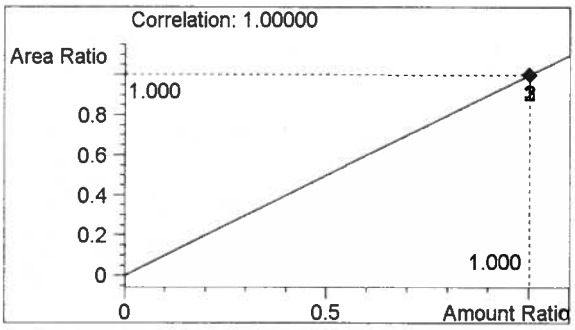


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1443	1.719

Totals:



Ethanol 0.000 g/100ml



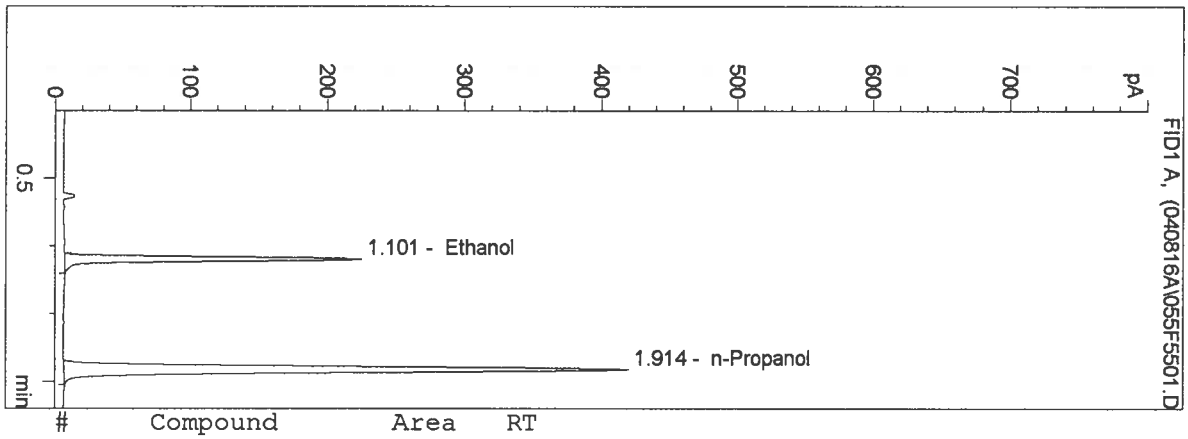
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/16/2004 2:45:25 PM
Instrument 5
DB-ALC2

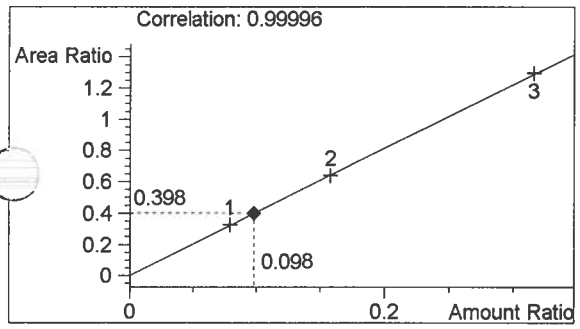
04025a
alouis

vial # 55

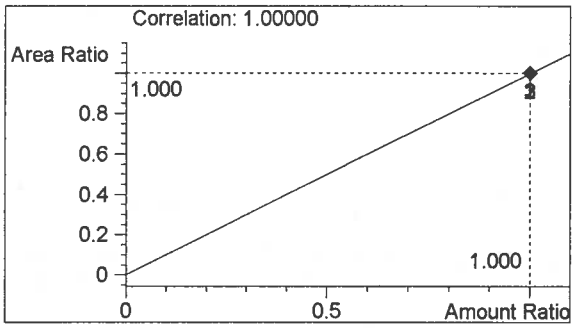


#	Compound	Area	RT
1	Ethanol	502	1.101
2	n-Propanol	1260	1.914

Totals:



Ethanol 0.098 g/100ml

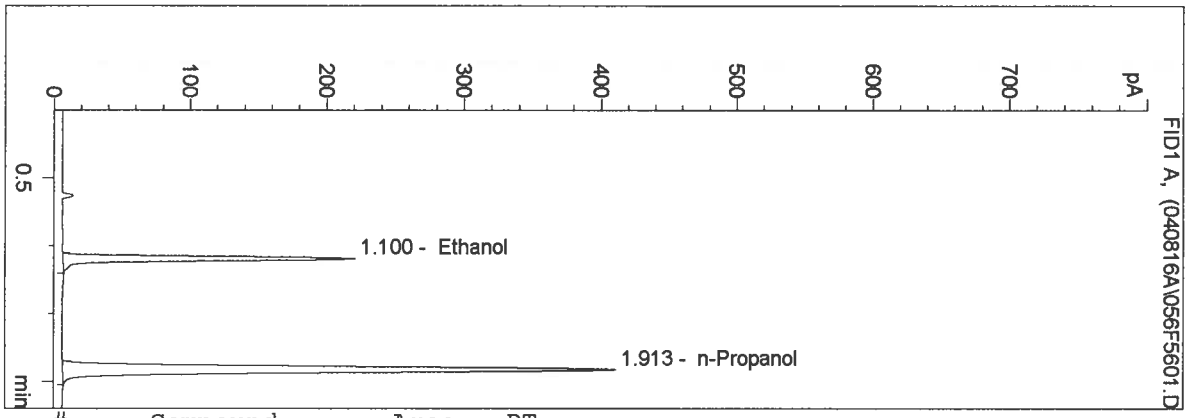


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

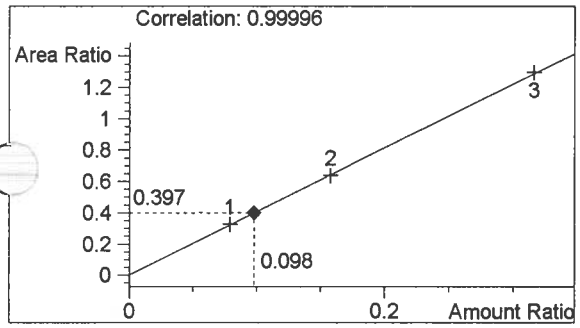
D:\HPCHEM\1\METHODS\BLDALCO2.M
8/16/2004 2:48:26 PM 04025b
Instrument 5 alouis
DB-ALC2

vial # 56

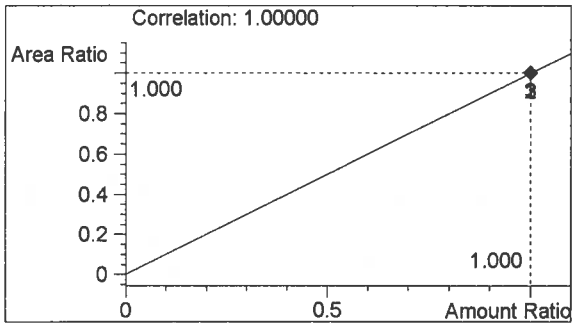


#	Compound	Area	RT
1	Ethanol	488	1.100
2	n-Propanol	1229	1.913

Totals:



Ethanol 0.098 g/100ml



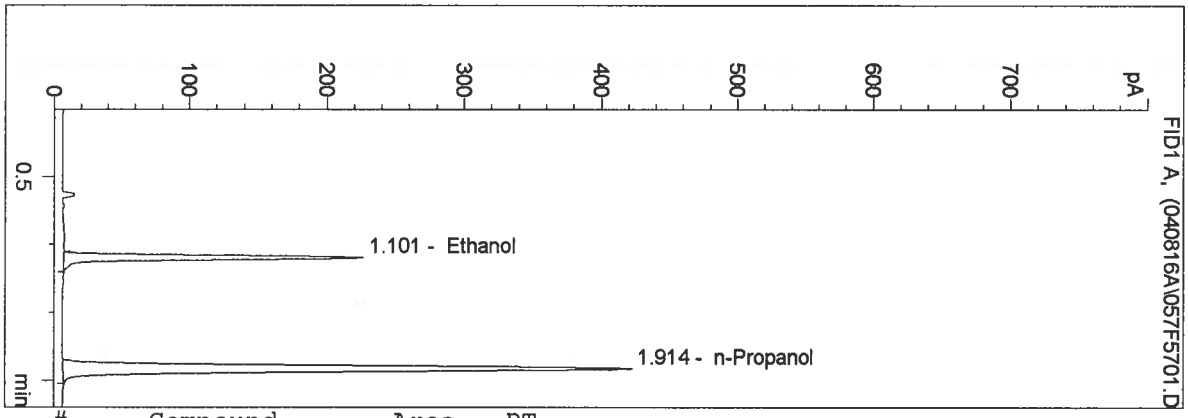
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/16/2004 2:51:39 PM
Instrument 5
DB-ALC2

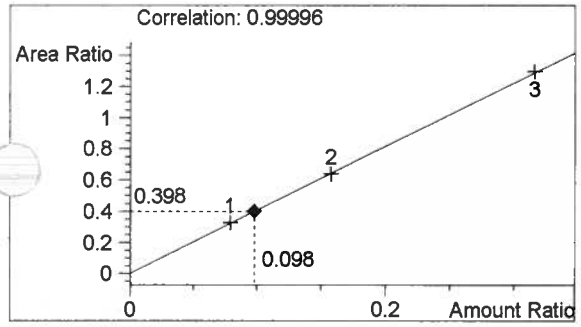
04025c
alouis

vial # 57

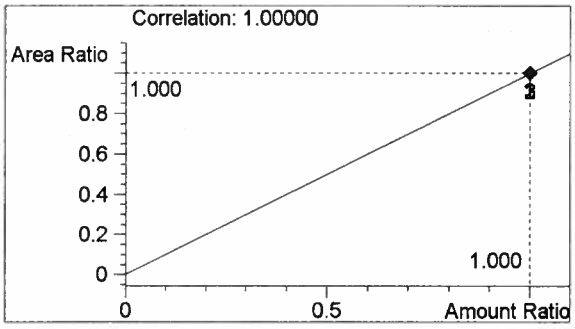


#	Compound	Area	RT
1	Ethanol	506	1.101
2	n-Propanol	1271	1.914

Totals:



Ethanol 0.098 g/100ml

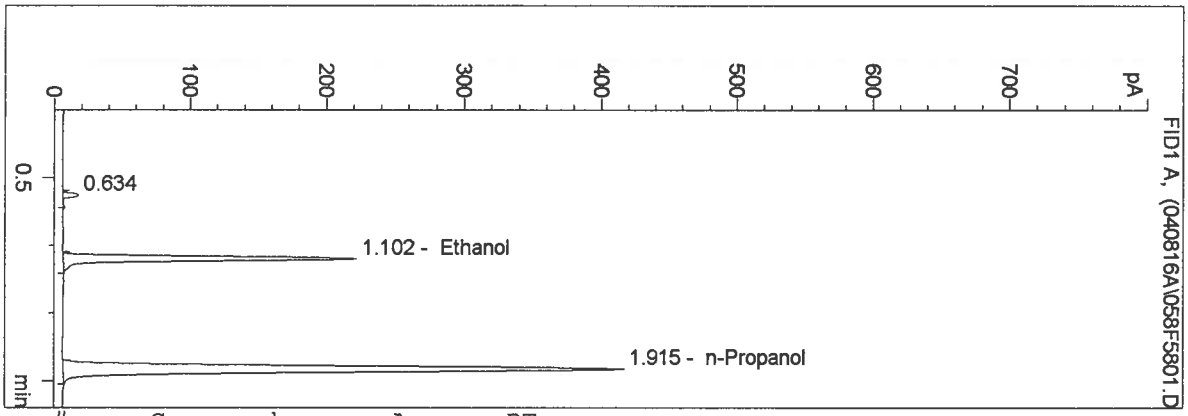


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

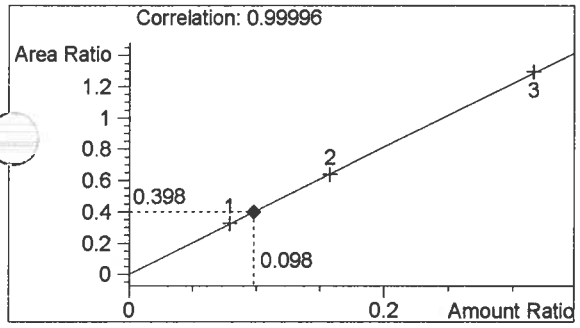
D:\HPCHEM\1\METHODS\BLDALCO2.M
8/16/2004 2:54:17 PM 04025d
Instrument 5 alouis
DB-ALC2

vial # 58

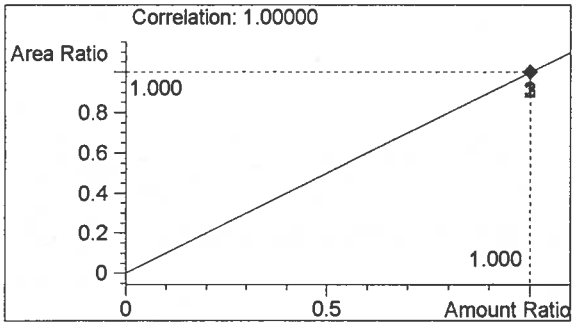


#	Compound	Area	RT
1		22	0.634
2	Ethanol	500	1.102
3	n-Propanol	1258	1.915

Totals:



Ethanol 0.098 g/100ml



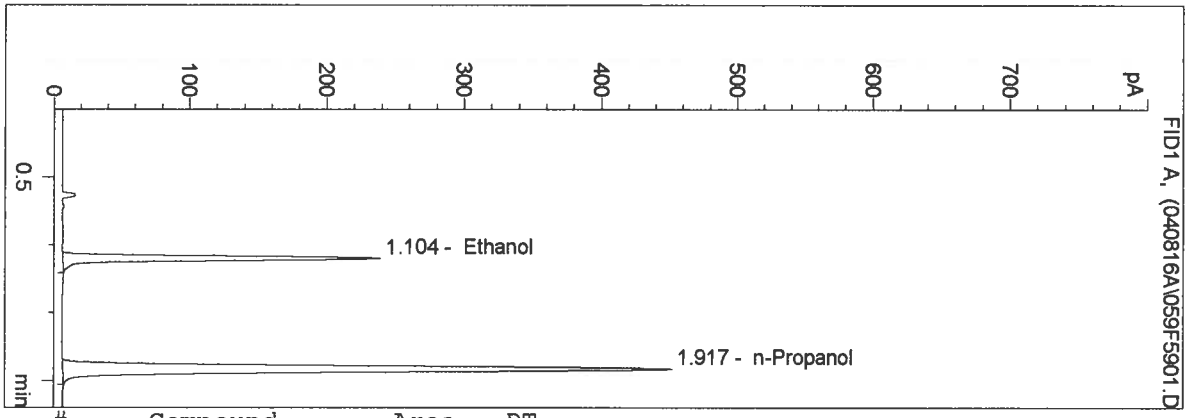
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO2.M
8/16/2004 2:57:24 PM
Instrument 5
DB-ALC2

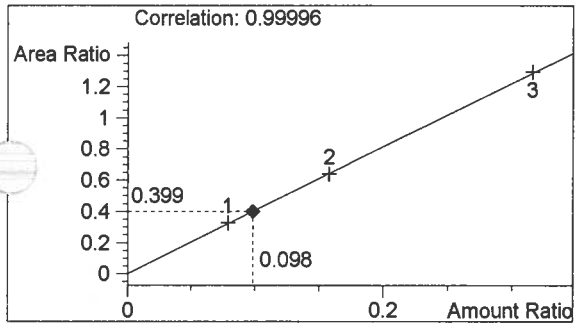
04025e
alouis

vial # 59

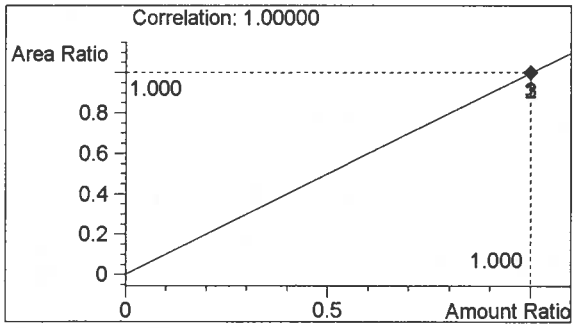


#	Compound	Area	RT
1	Ethanol	547	1.104
2	n-Propanol	1373	1.917

Totals:



Ethanol 0.098 g/100ml



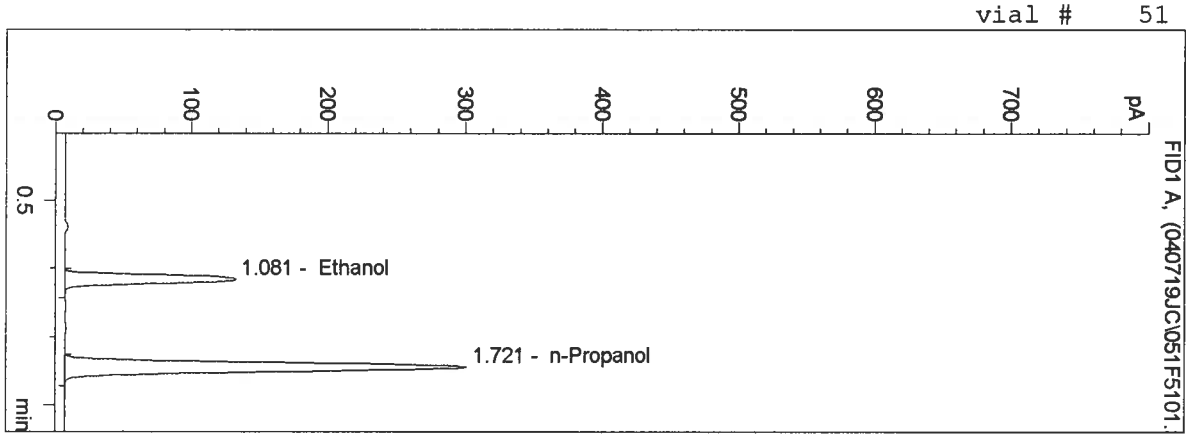
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/19/2004 3:22:36 PM
Instrument 4
DB-ALC1

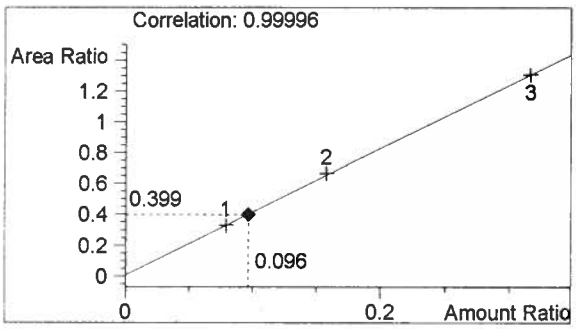
Sim Soln 04025
Jayne E. Clarkson

vial # 51

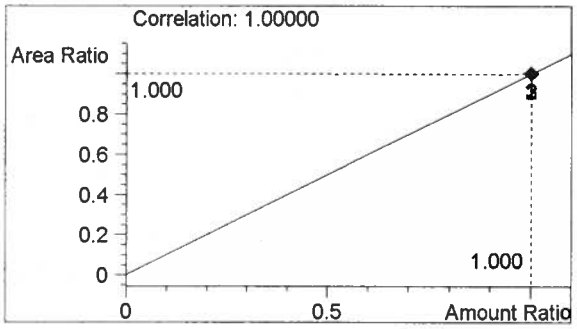


#	Compound	Area	RT
1	Ethanol	519	1.081
2	n-Propanol	1301	1.721

Totals:



Ethanol 0.096 g/100ml



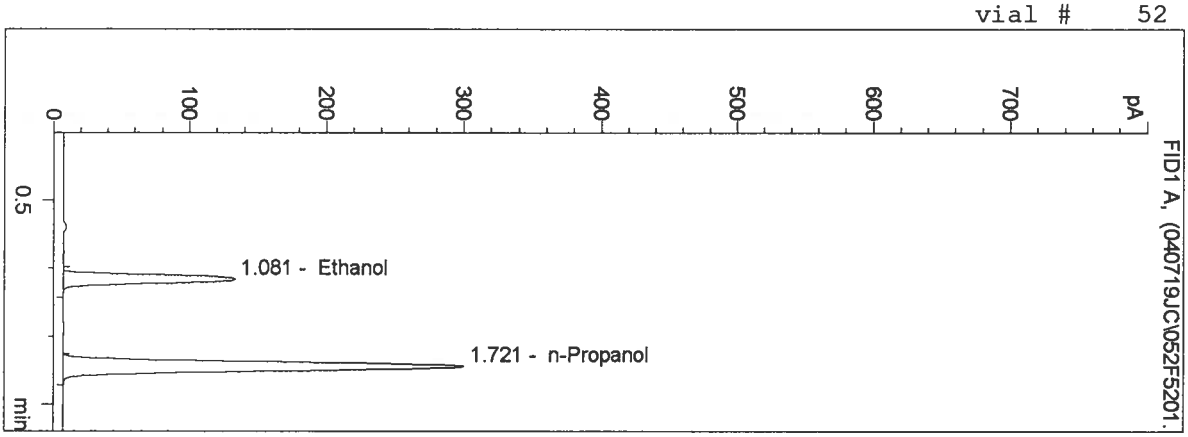
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/19/2004 3:25:48 PM
Instrument 4
DB-ALC1

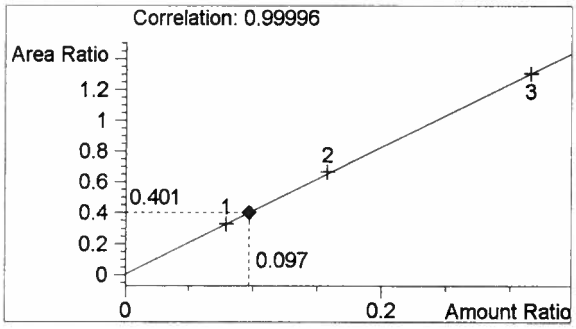
Sim Soln 04025
Jayne E. Clarkson

vial # 52

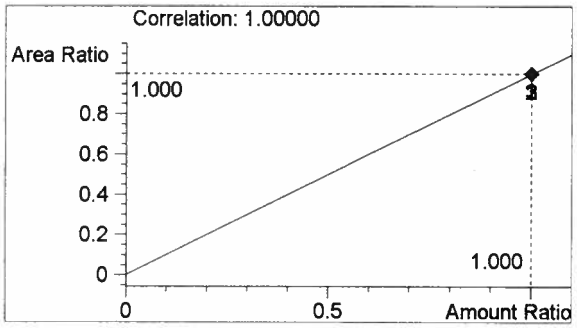


#	Compound	Area	RT
1	Ethanol	519	1.081
2	n-Propanol	1295	1.721

Totals:



Ethanol 0.097 g/100ml



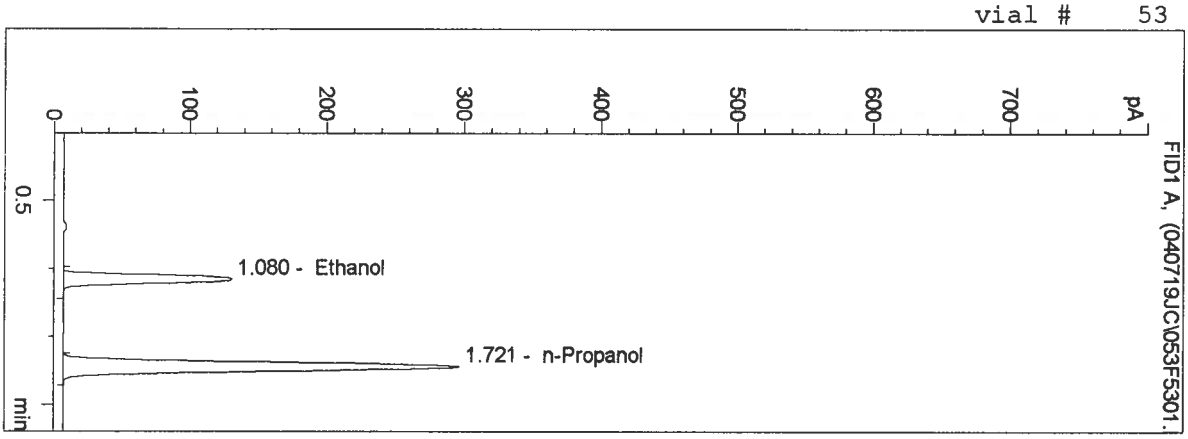
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/19/2004 3:28:56 PM
Instrument 4
DB-ALC1

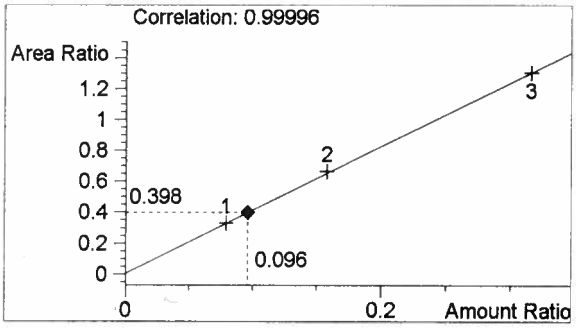
Sim Soln 04025
Jayne E. Clarkson

vial # 53

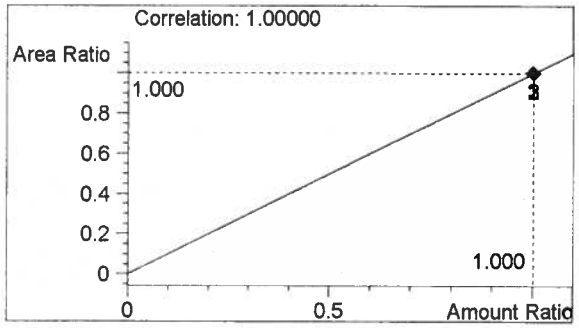


#	Compound	Area	RT
1	Ethanol	506	1.080
2	n-Propanol	1272	1.721

Totals:



Ethanol 0.096 g/100ml



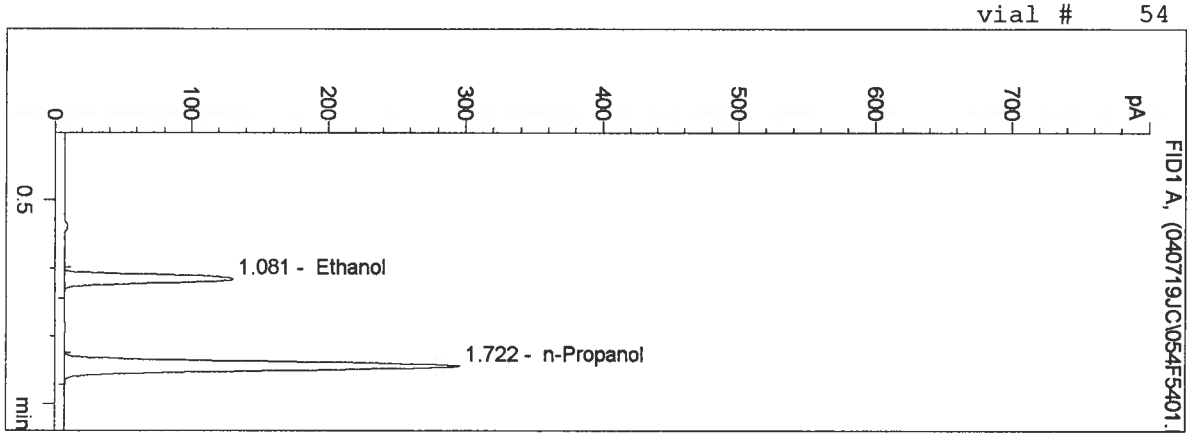
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/19/2004 3:32:07 PM
Instrument 4
DB-ALC1

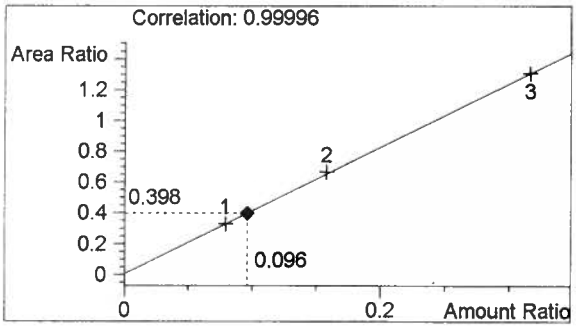
Sim Soln 04025
Jayne E. Clarkson

vial # 54

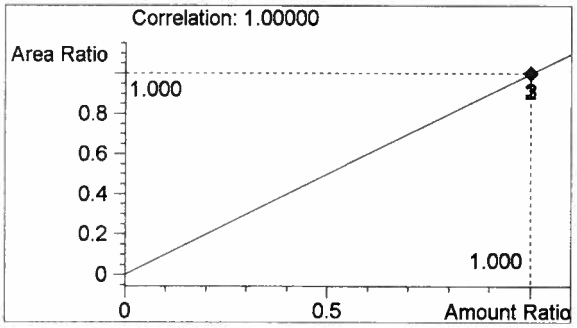


#	Compound	Area	RT
1	Ethanol	506	1.081
2	n-Propanol	1272	1.722

Totals:



Ethanol 0.096 g/100ml



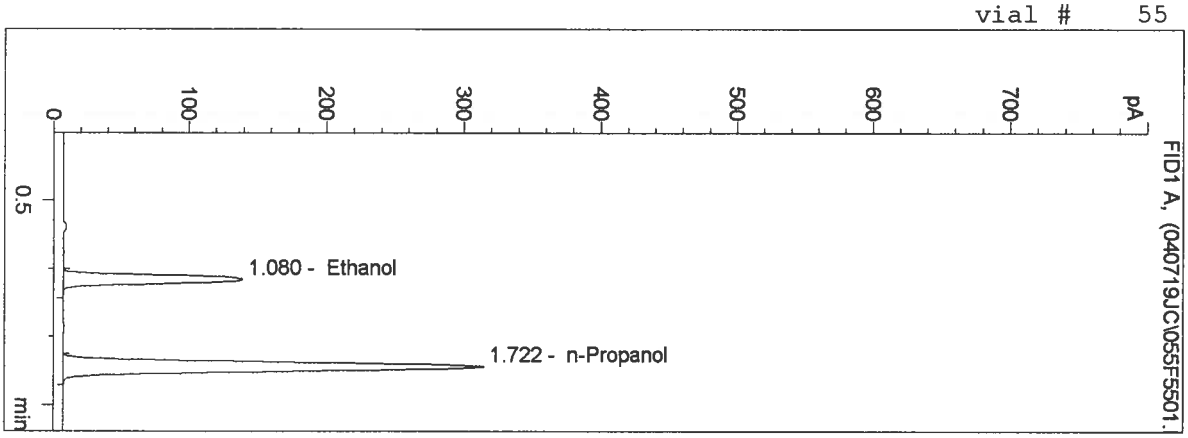
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/19/2004 3:35:15 PM
Instrument 4
DB-ALC1

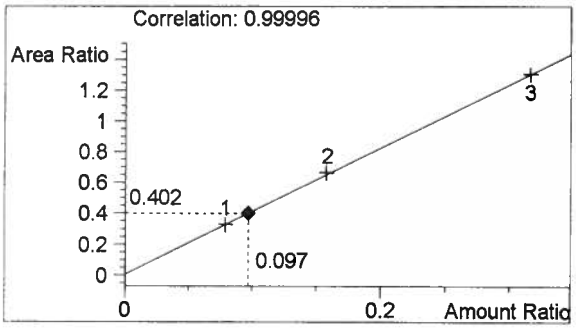
Sim Soln 04025
Jayne E. Clarkson

vial # 55

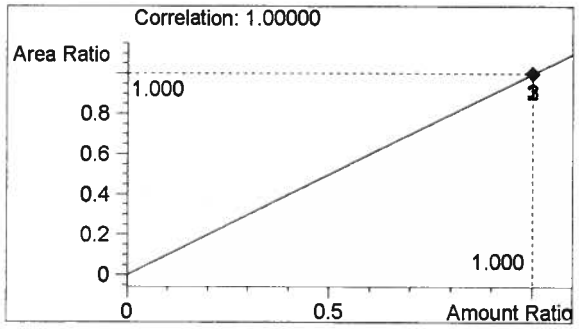


#	Compound	Area	RT
1	Ethanol	548	1.080
2	n-Propanol	1364	1.722

Totals:



Ethanol 0.097 g/100ml



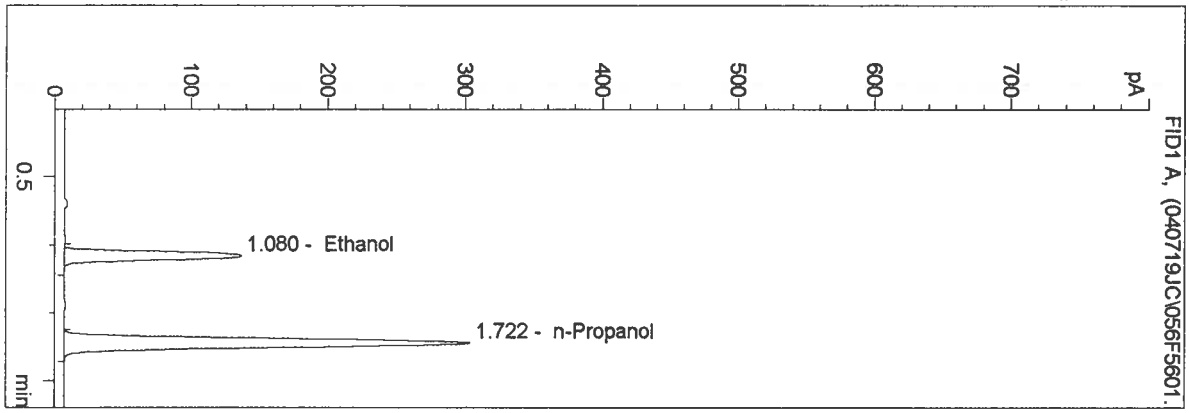
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/19/2004 3:38:30 PM
Instrument 4
DB-ALC1

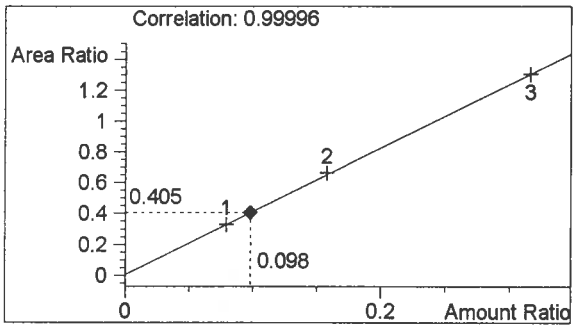
0.10 CONTROL
Jayne E. Clarkson

vial # 56

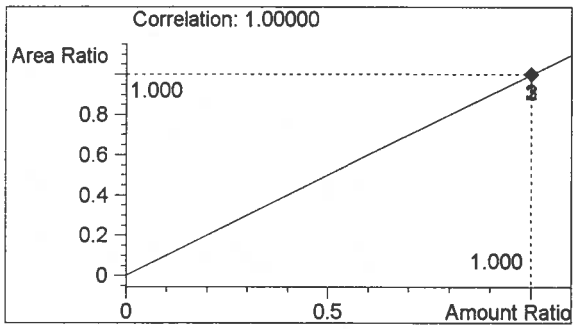


#	Compound	Area	RT
1	Ethanol	526	1.080
2	n-Propanol	1299	1.722

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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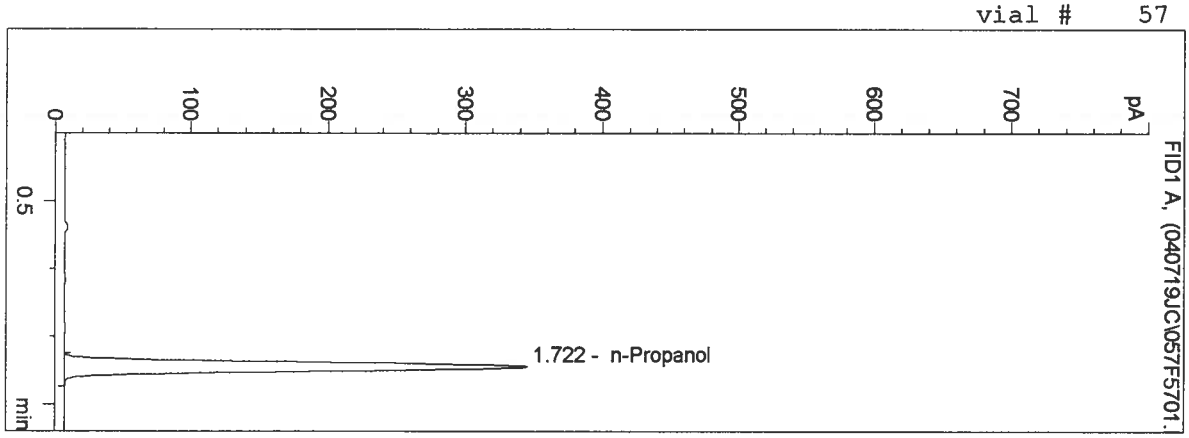
8/19/2004 3:41:45 PM
Instrument 4
DB-ALC1

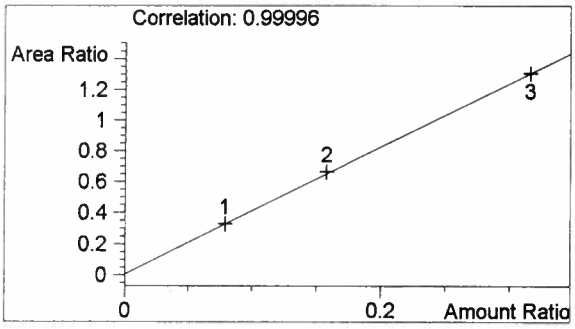
BLANK
Jayne E. Clarkson

vial # 57

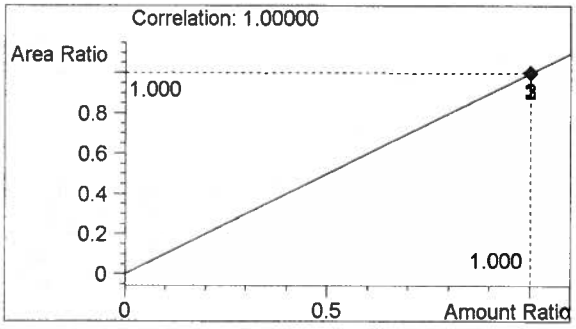


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1506	1.722

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	Estuardo J. Miranda
Data File Naming:	Auto
Data Directory:	D:\HPCHEM\1\DATA\
Data Subdirectory:	040823EM
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	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Sim Sol 04025-1	BLDALCO	1	Sample		
2	Vial 2	Sim Sol 04025-2	BLDALCO	1	Sample		
3	Vial 3	Sim Sol 04025-3	BLDALCO	1	Sample		
4	Vial 4	Sim Sol 04025-4	BLDALCO	1	Sample		
5	Vial 5	Sim Sol 04025-5	BLDALCO	1	Sample		
6	Vial 6	0.100 Control EM	BLDALCO	1	Ctrl Samp		
7	Vial 7	Blank	BLDALCO	1	Sample		

Sequence Table (Back Injector):

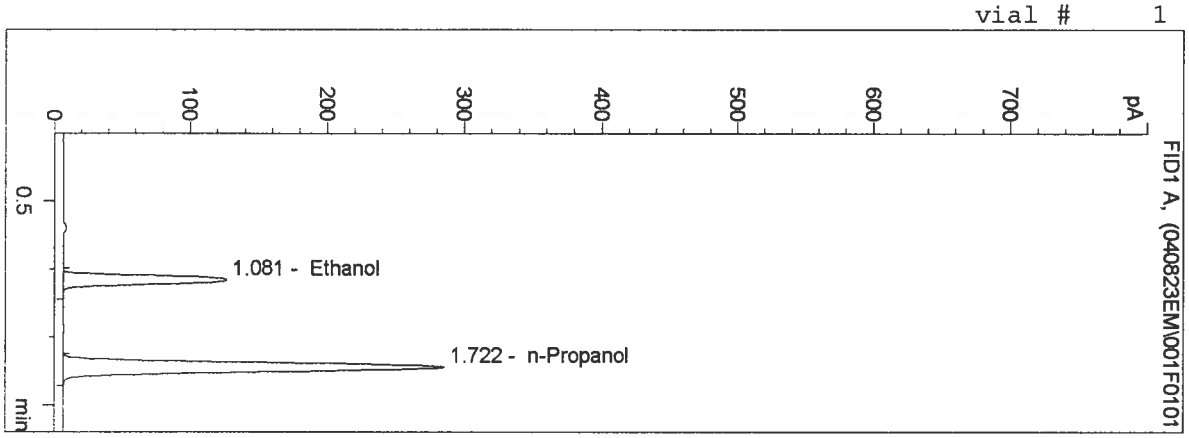
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2004 1:38:40 PM
Instrument 4
DB-ALC1

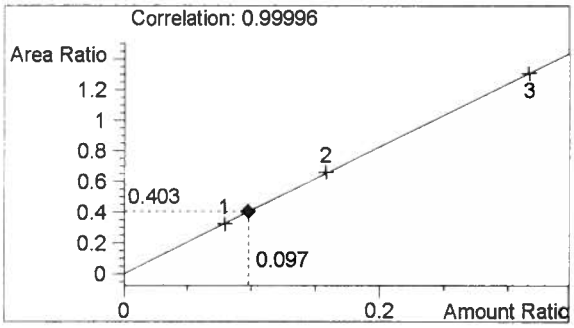
Sim Sol 04025-1
Estuardo J. Miranda

vial # 1

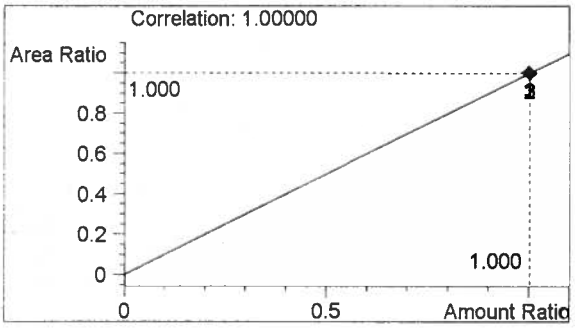


#	Compound	Area	RT
1	Ethanol	502	1.081
2	n-Propanol	1247	1.722

Totals:



Ethanol 0.097 g/100ml



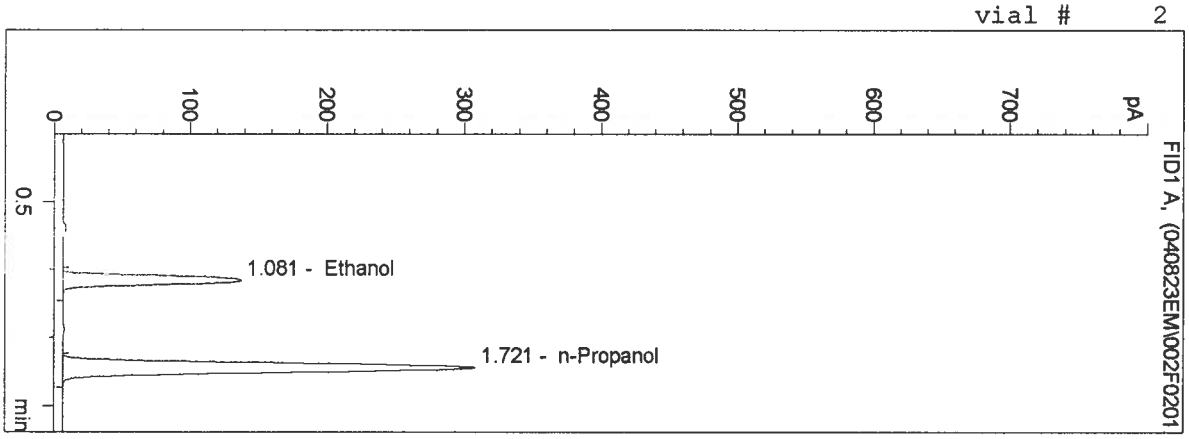
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2004 1:41:54 PM
Instrument 4
DB-ALC1

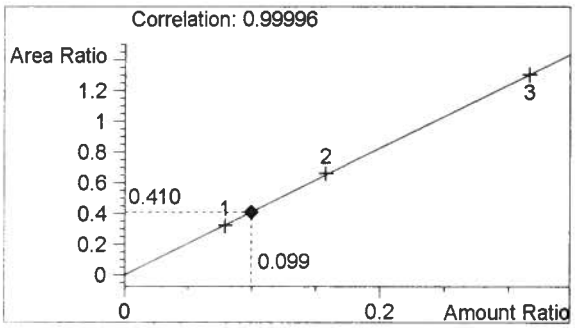
Sim Sol 04025-2
Estuardo J. Miranda

vial # 2

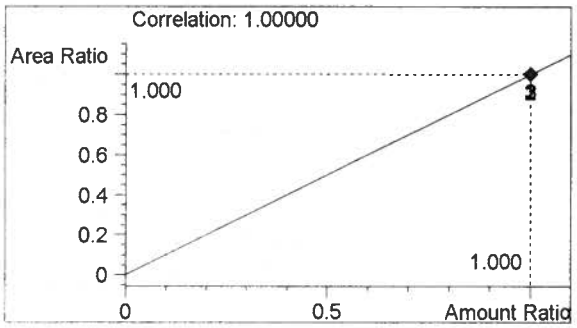


#	Compound	Area	RT
1	Ethanol	562	1.081
2	n-Propanol	1370	1.721

Totals:



Ethanol 0.099 g/100ml



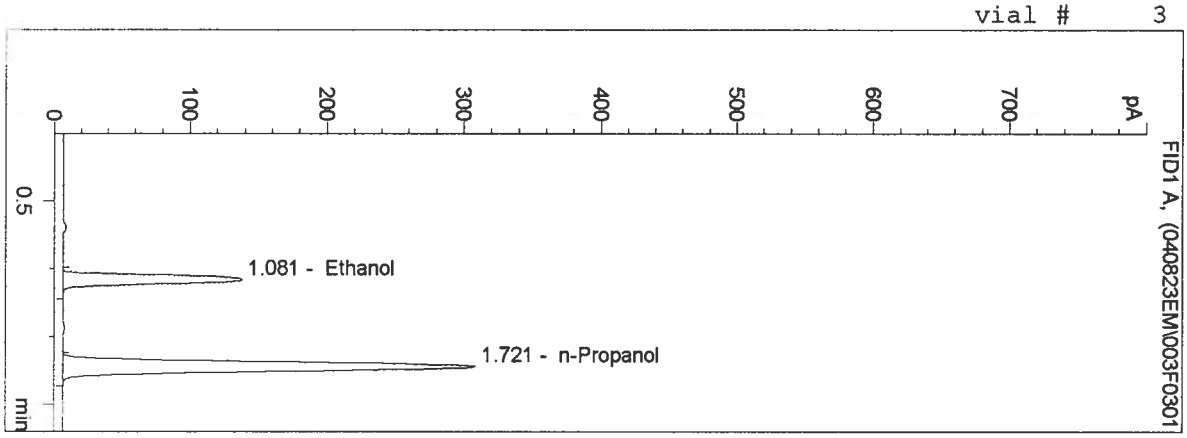
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2004 1:45:08 PM
Instrument 4
DB-ALC1

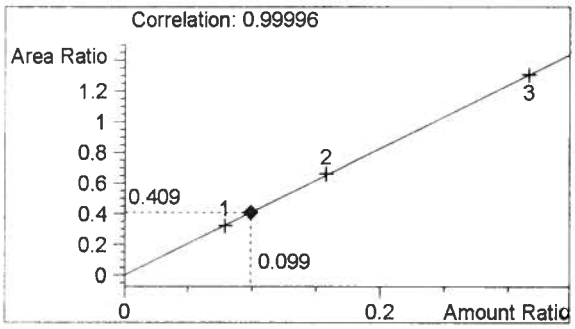
Sim Sol 04025-3
Estuardo J. Miranda

vial # 3

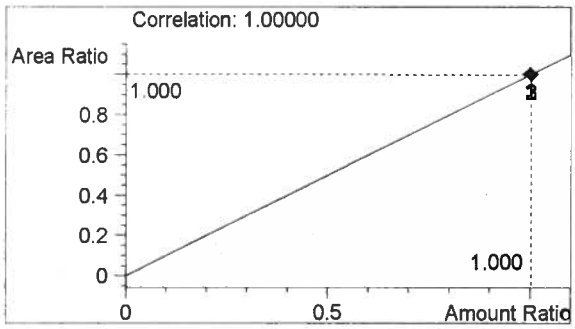


#	Compound	Area	RT
1	Ethanol	560	1.081
2	n-Propanol	1369	1.721

Totals:



Ethanol 0.099 g/100ml



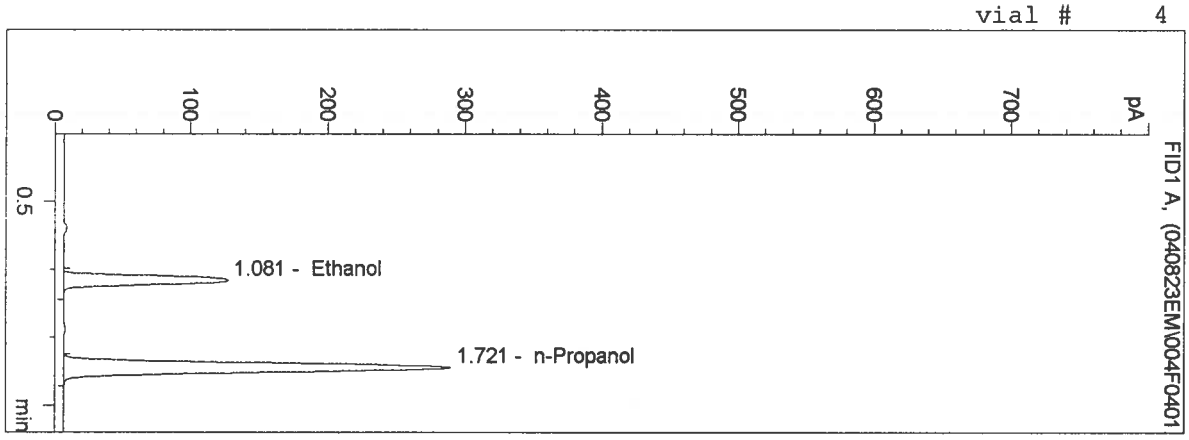
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2004 1:48:18 PM
Instrument 4
DB-ALC1

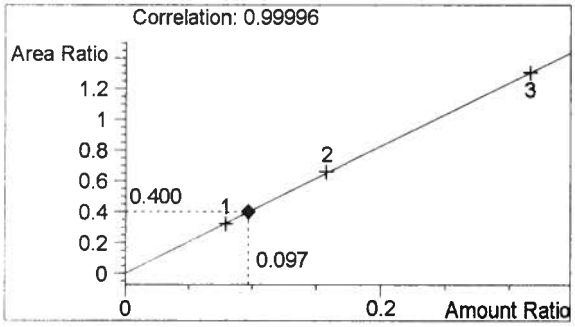
Sim Sol 04025-4
Estuardo J. Miranda

vial # 4

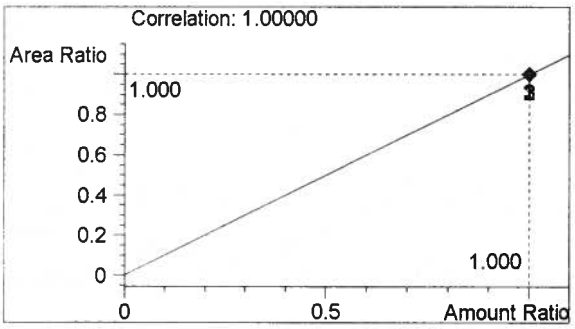


#	Compound	Area	RT
1	Ethanol	508	1.081
2	n-Propanol	1269	1.721

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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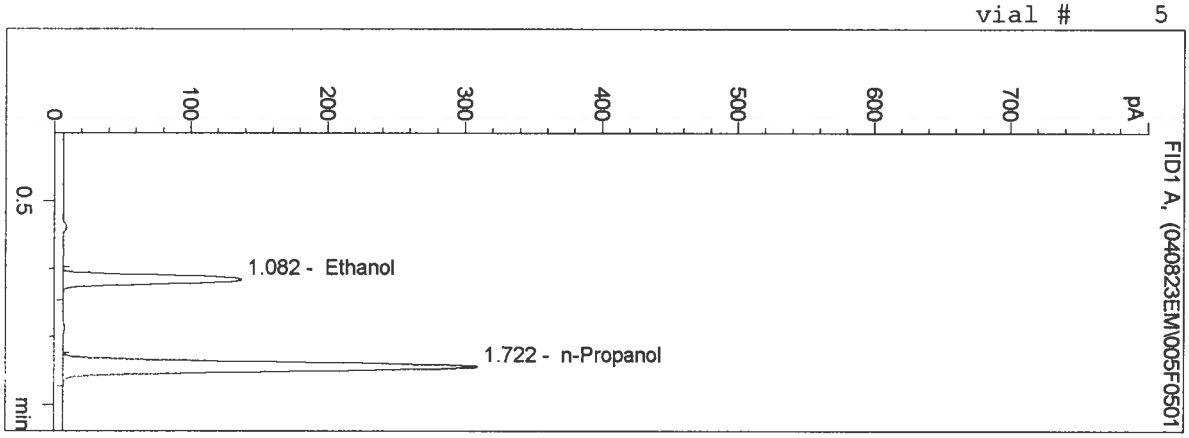
8/23/2004 1:51:27 PM
Instrument 4
DB-ALC1

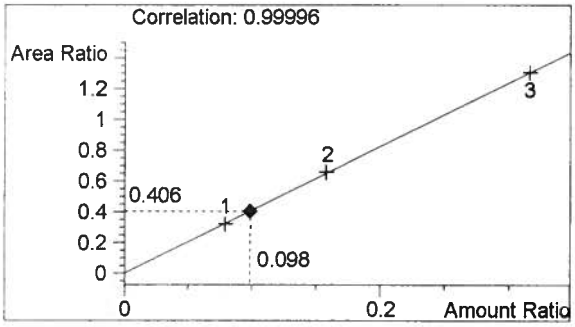
Sim Sol 04025-5
Estuardo J. Miranda

vial # 5

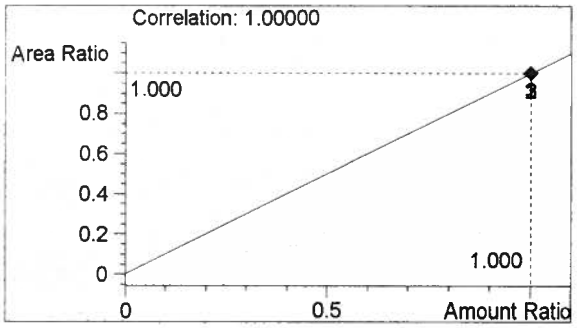


#	Compound	Area	RT
1	Ethanol	557	1.082
2	n-Propanol	1371	1.722

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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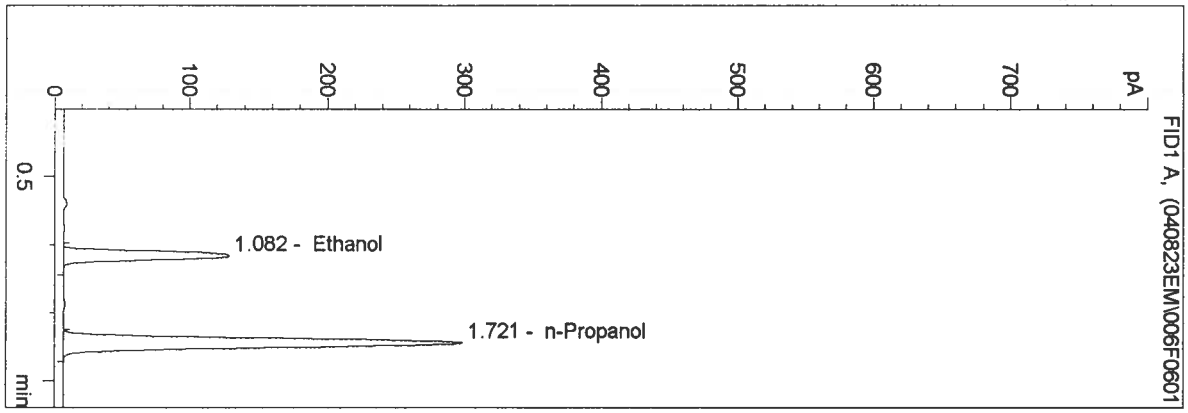
8/23/2004 1:54:35 PM
Instrument 4
DB-ALC1

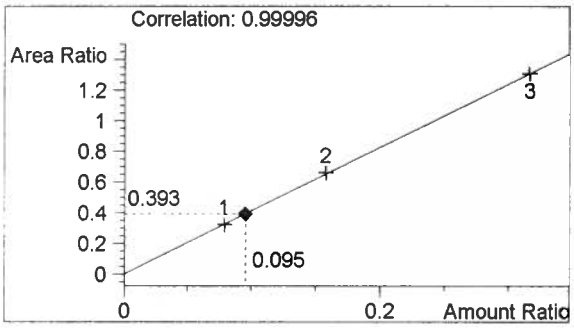
0.100 Control EM
Estuardo J. Miranda

vial # 6

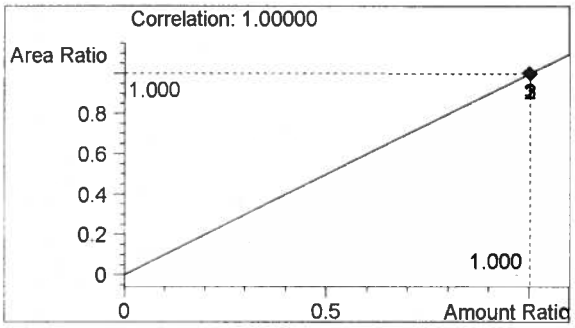


#	Compound	Area	RT
1	Ethanol	517	1.082
2	n-Propanol	1315	1.721

Totals:



Ethanol 0.095 g/100ml



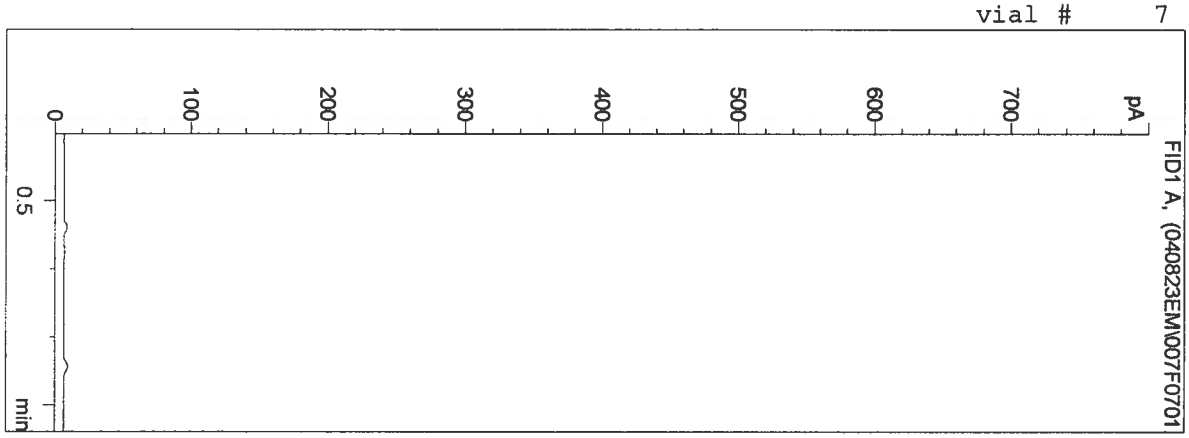
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/23/2004 2:00:12 PM
Instrument 4
DB-ALC1

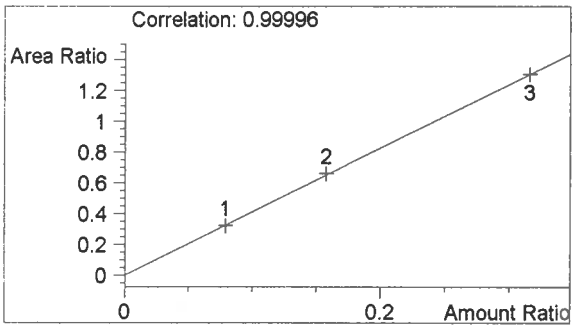
Blank
Estuardo J. Miranda

vial # 7

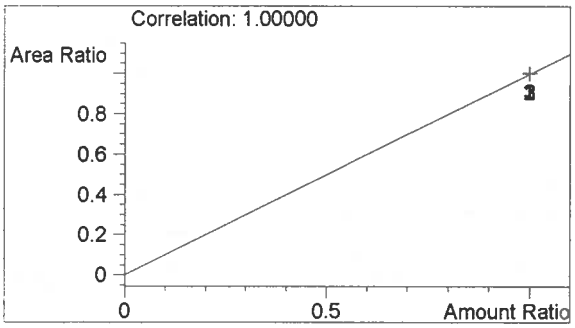


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

Totals:



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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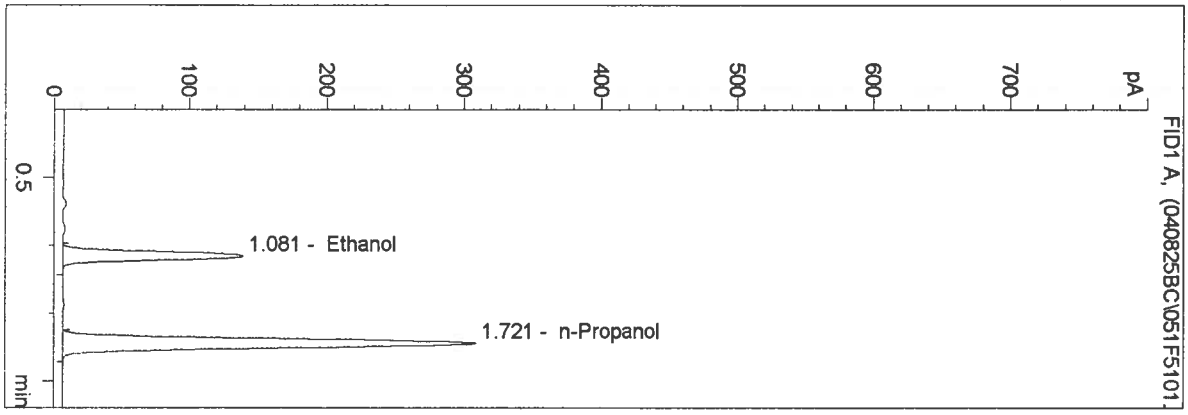
8/25/2004 12:38:20 PM
Instrument 4
DB-ALC1

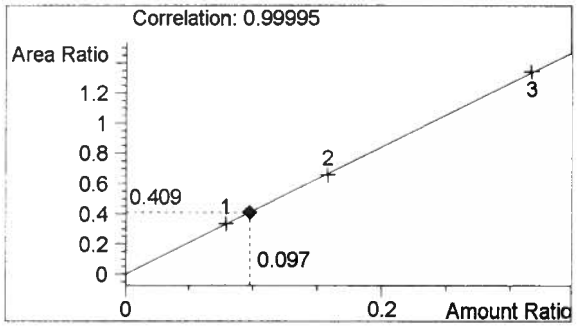
04025 sim#1
b capron

vial # 51

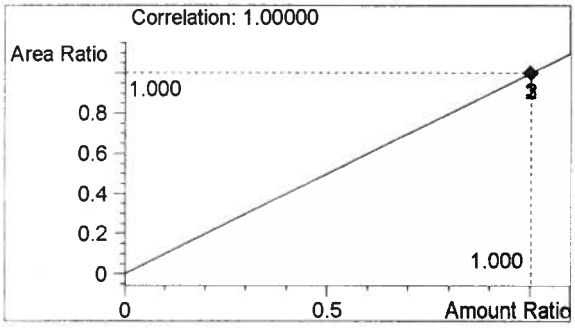


#	Compound	Area	RT
1	Ethanol	557	1.081
2	n-Propanol	1363	1.721

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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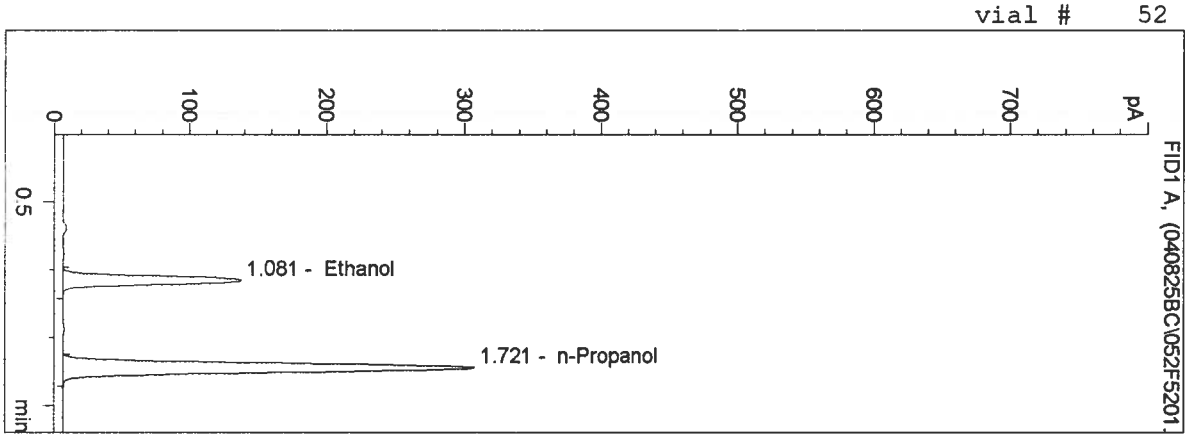
8/25/2004 12:41:31 PM
Instrument 4
DB-ALC1

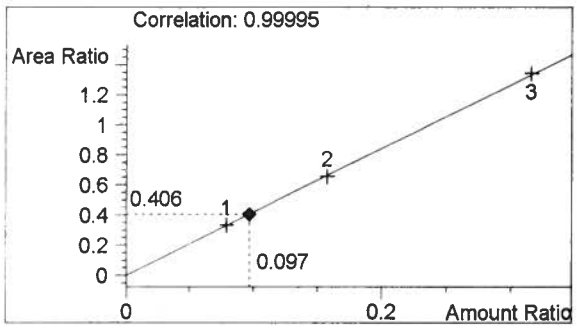
04025 sim#2
b capron

vial # 52

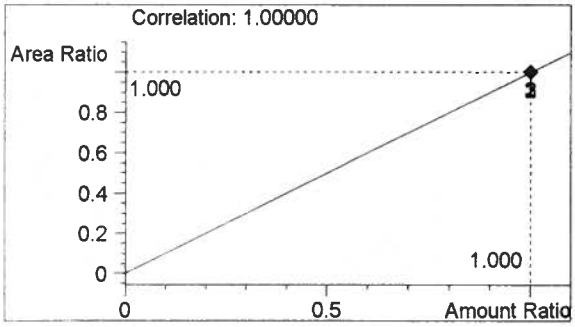


#	Compound	Area	RT
1	Ethanol	547	1.081
2	n-Propanol	1346	1.721

Totals:



Ethanol 0.097 g/100ml



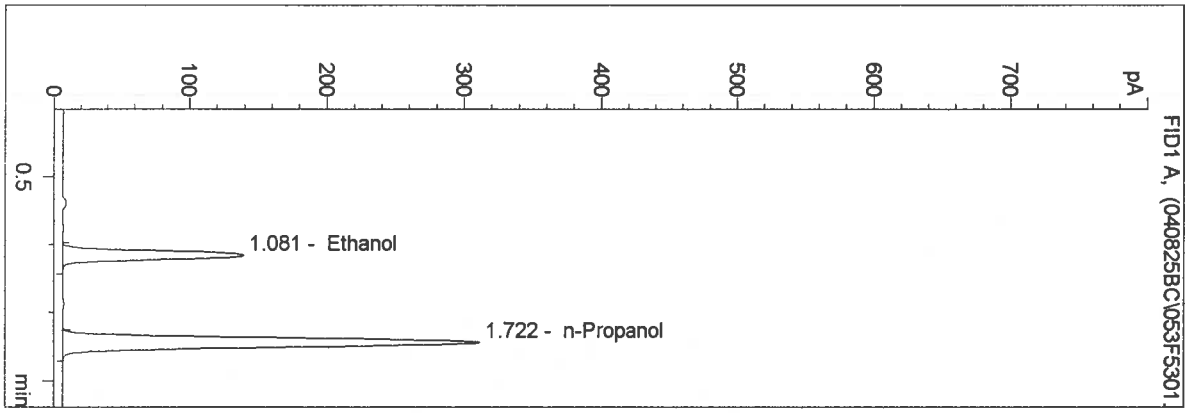
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
8/25/2004 12:44:39 PM
Instrument 4
DB-ALC1

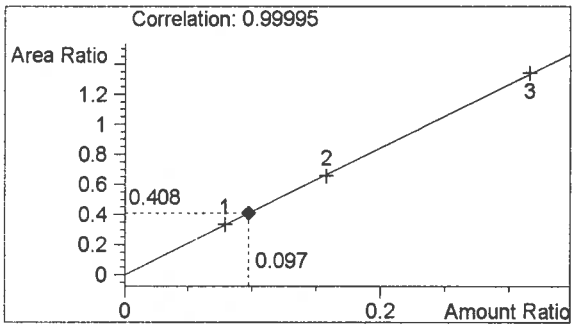
04025 sim#3
b capron

vial # 53

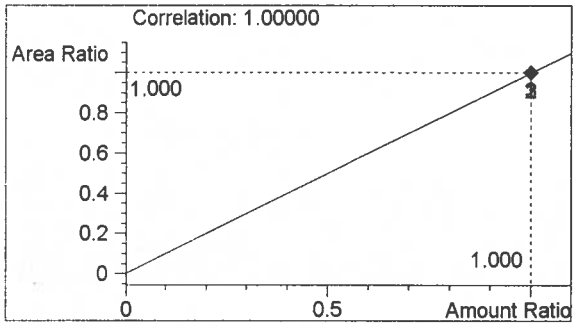


#	Compound	Area	RT
1	Ethanol	562	1.081
2	n-Propanol	1377	1.722

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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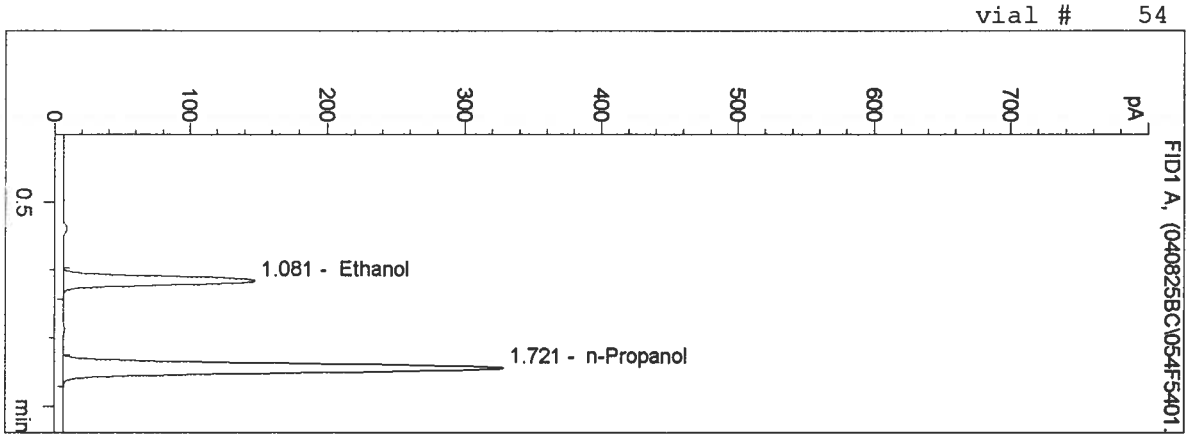
8/25/2004 12:47:48 PM
Instrument 4
DB-ALC1

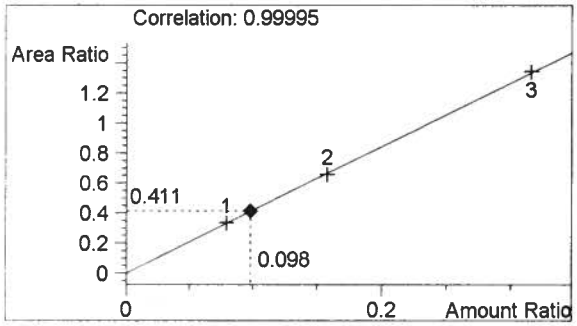
04025 sim#4
b capron

vial # 54

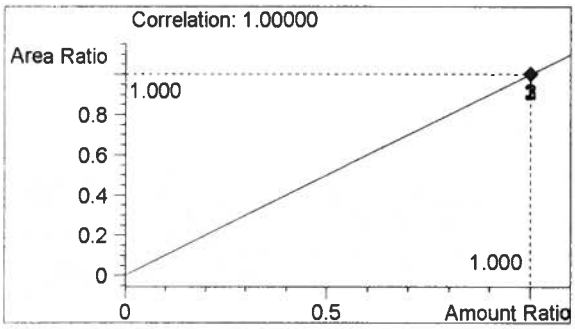


#	Compound	Area	RT
1	Ethanol	601	1.081
2	n-Propanol	1462	1.721

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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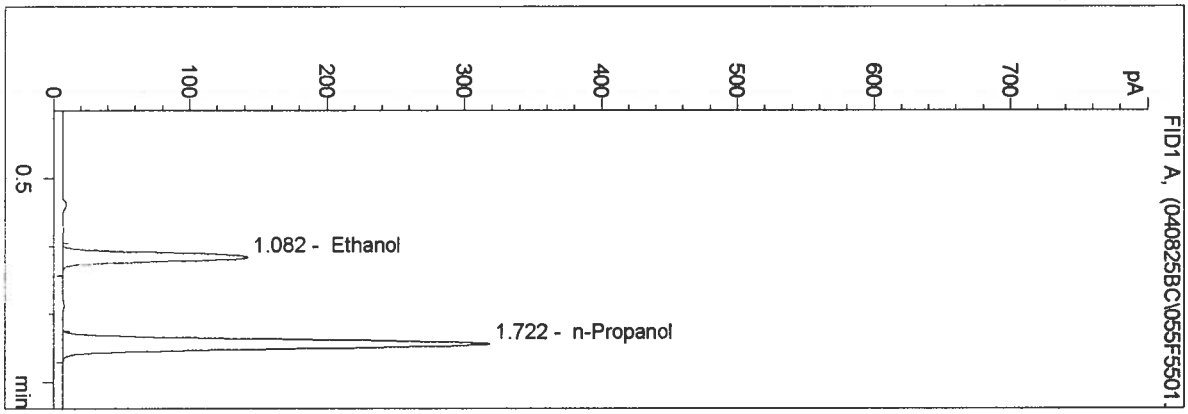
8/25/2004 12:50:55 PM
Instrument 4
DB-ALC1

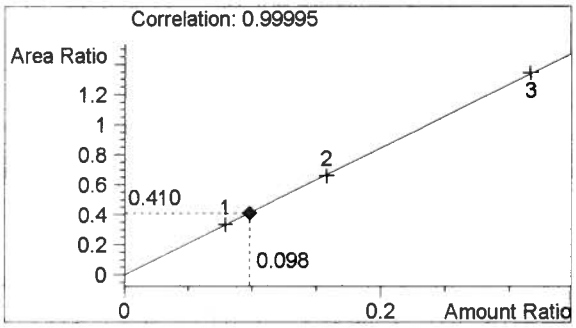
04025 sim#5
b capron

vial # 55

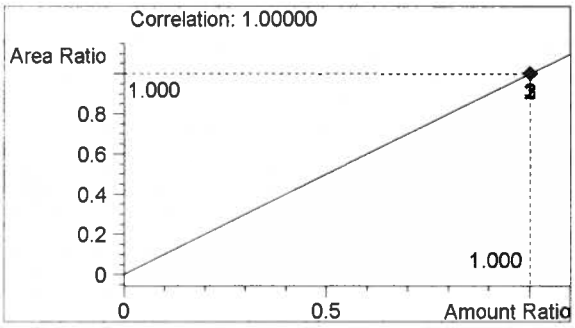


#	Compound	Area	RT
1	Ethanol	583	1.082
2	n-Propanol	1422	1.722

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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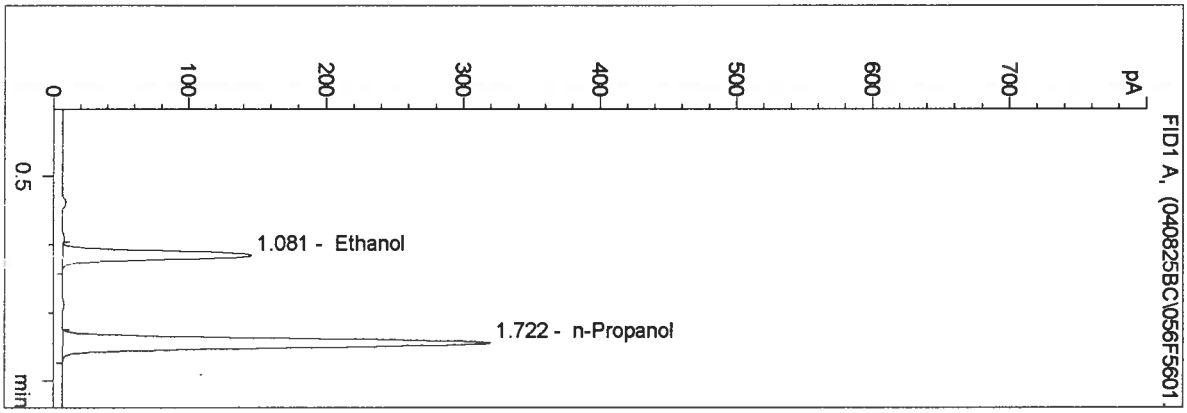
Instrument 4
DB-ALC1

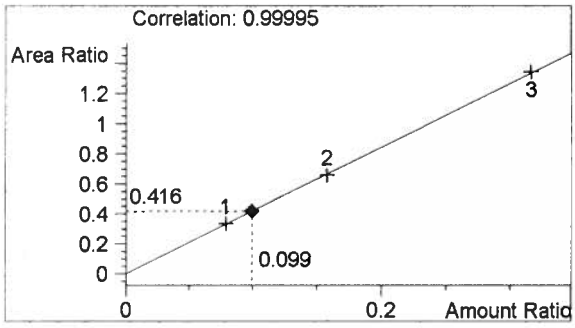
0.10 control
b capron

vial # 56

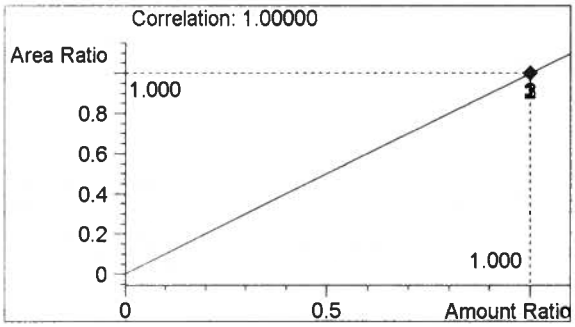


#	Compound	Area	RT
1	Ethanol	592	1.081
2	n-Propanol	1422	1.722

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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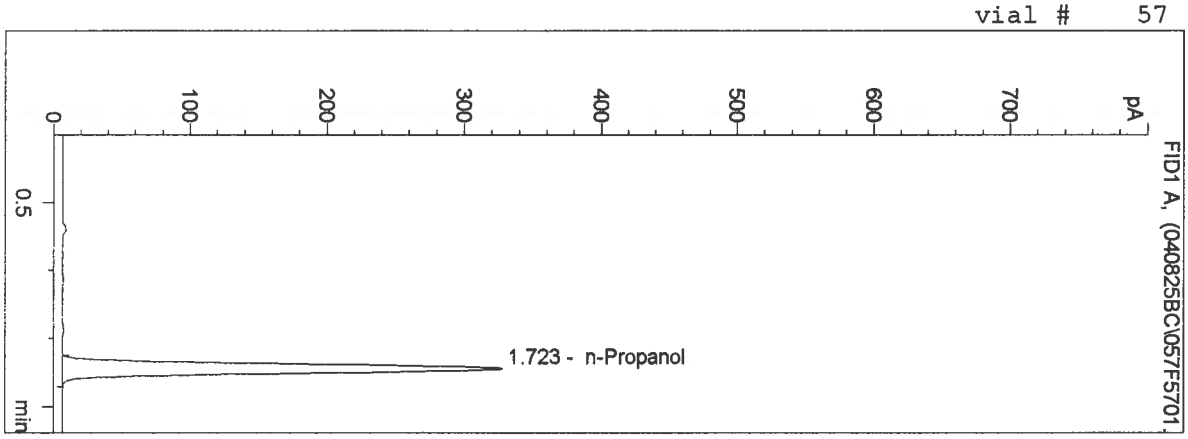
Instrument 4
DB-ALC1

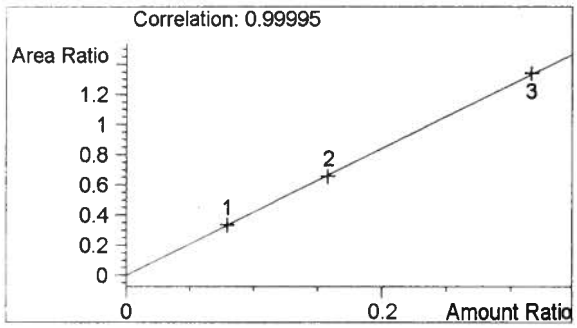
blank
b capron

vial # 57

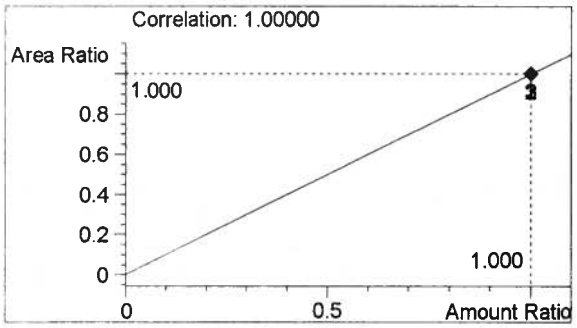


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1459	1.723

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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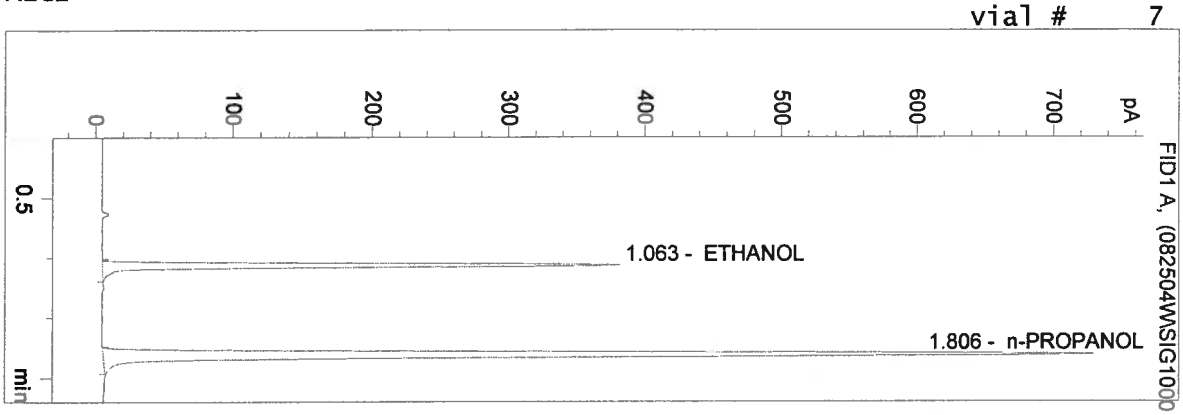
Instrument 3
DB-ALC2

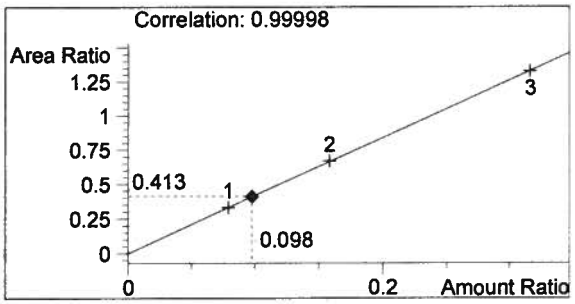
04025 SIM
WP Marshall

vial # 7

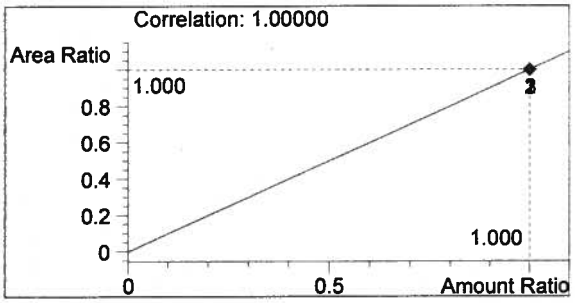


#	Compound	Area	RT
1	ETHANOL	864	1.063
2	n-PROPANOL	2094	1.806

Totals:



ETHANOL 0.098 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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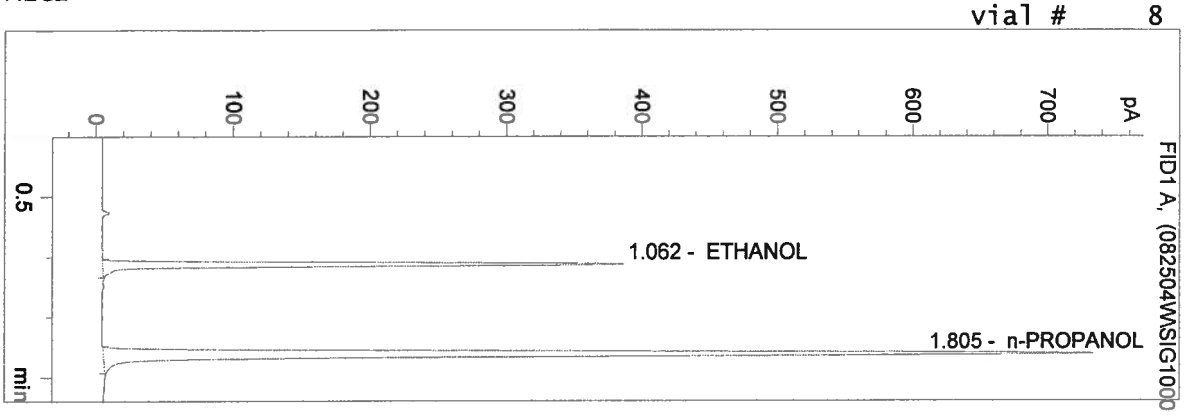
Instrument 3
DB-ALC2

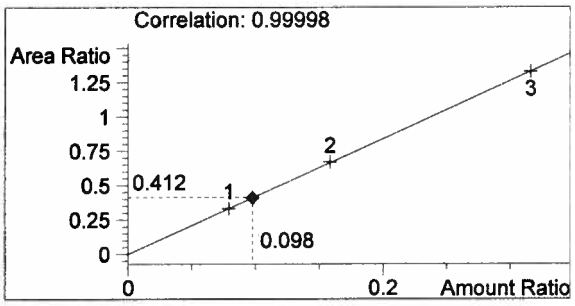
04025 SIM
WP Marshall

vial # 8

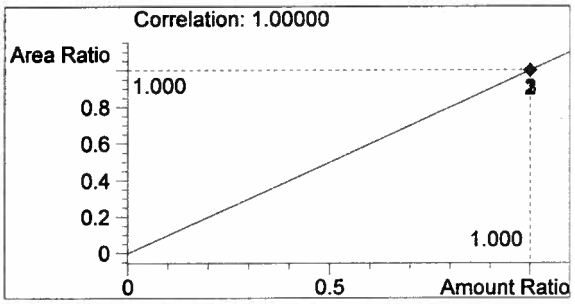


#	Compound	Area	RT
1	ETHANOL	867	1.062
2	n-PROPANOL	2102	1.805

Totals:



ETHANOL 0.098 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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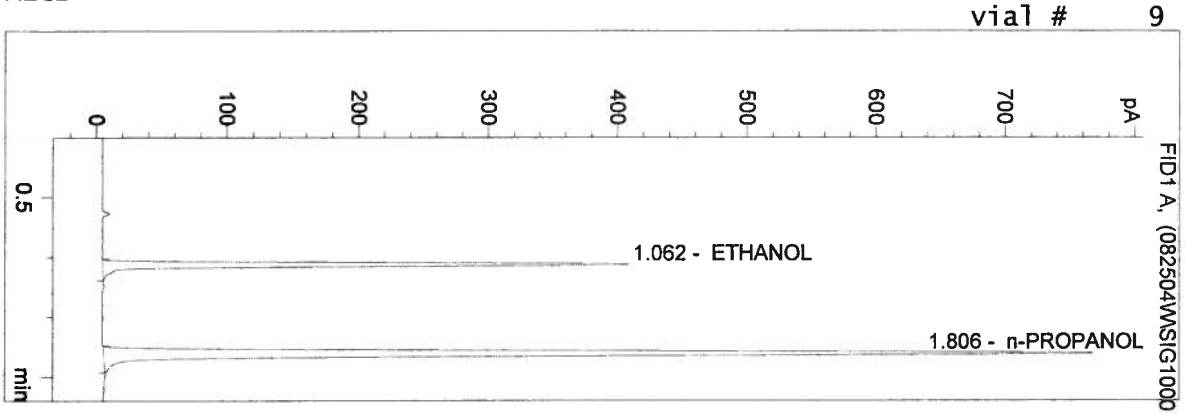
Instrument 3
DB-ALC2

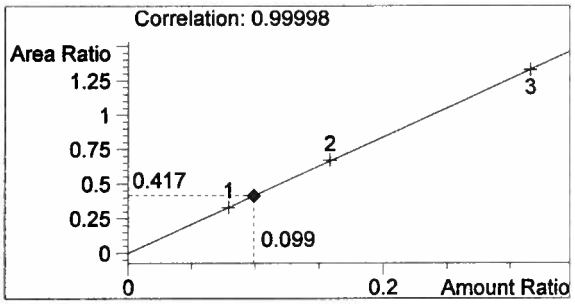
04025 SIM
WP Marshall

vial # 9

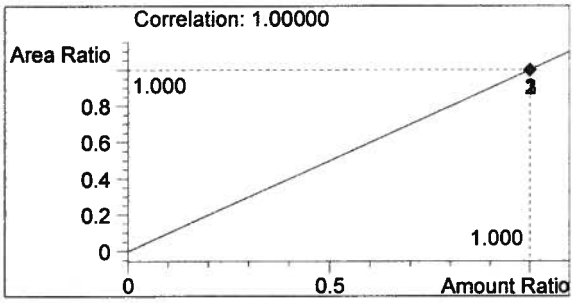


#	Compound	Area	RT
1	ETHANOL	923	1.062
2	n-PROPANOL	2211	1.806

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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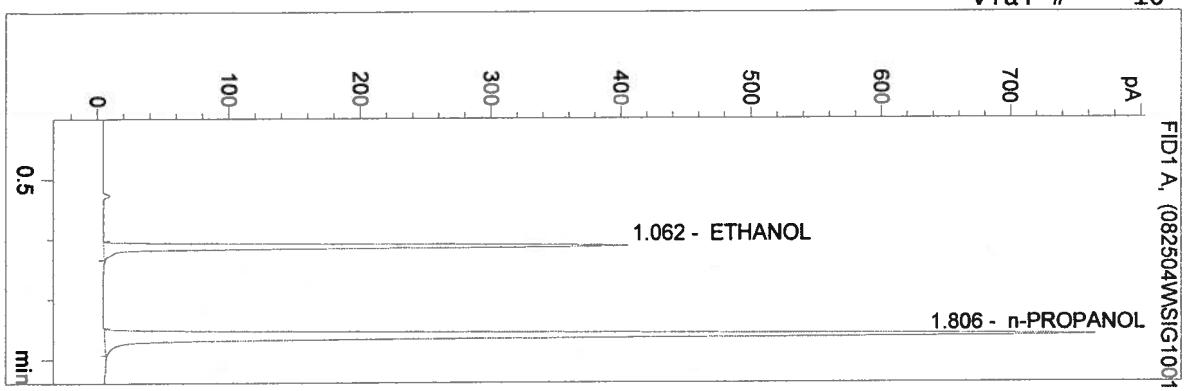
Instrument 3
DB-ALC2

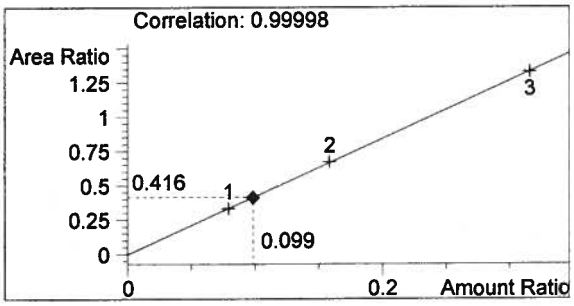
04025 SIM
WP Marshall

vial # 10

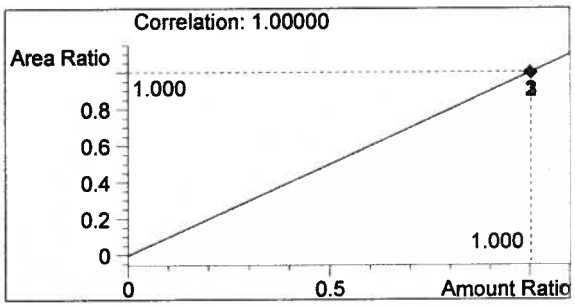


#	Compound	Area	RT
1	ETHANOL	915	1.062
2	n-PROPANOL	2199	1.806

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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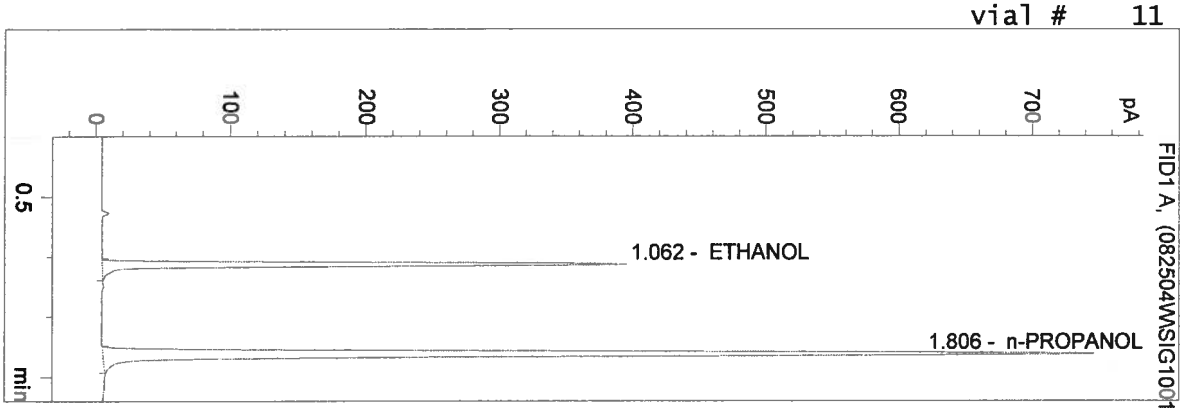
Instrument 3
DB-ALC2

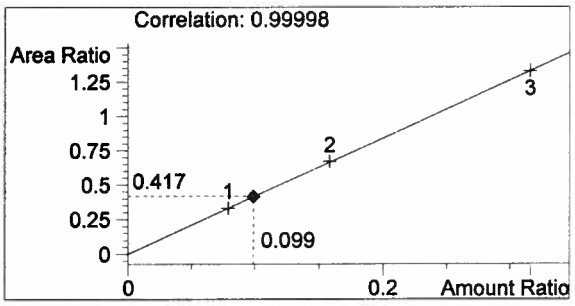
04025 SIM
WP Marshall

vial # 11

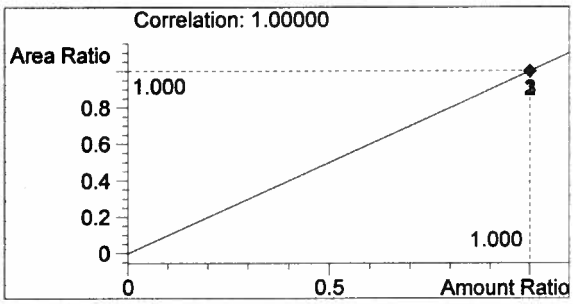


#	Compound	Area	RT
1	ETHANOL	894	1.062
2	n-PROPANOL	2144	1.806

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
DB-ALC2

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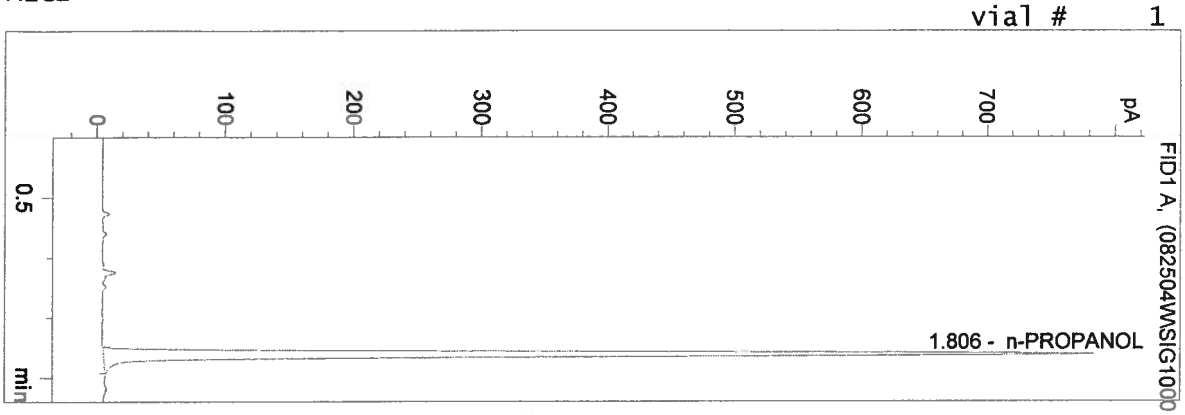
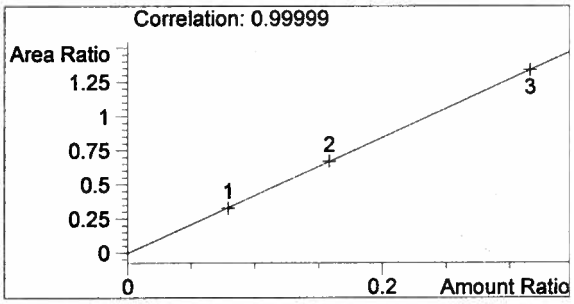
WP Marshall

vial # 1

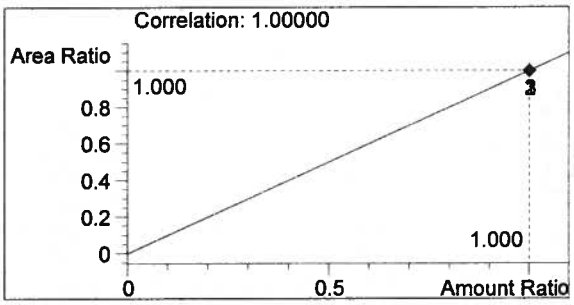


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2250	1.806

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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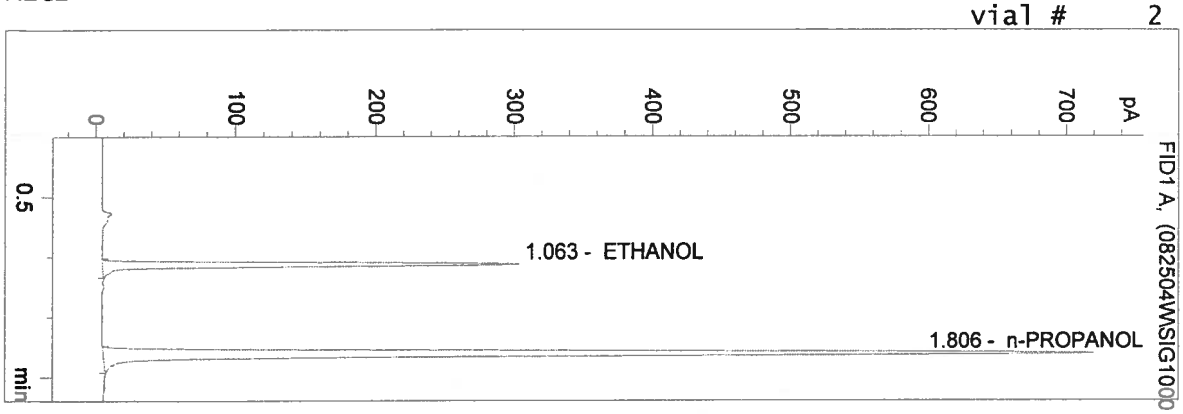
Instrument 3
DB-ALC2

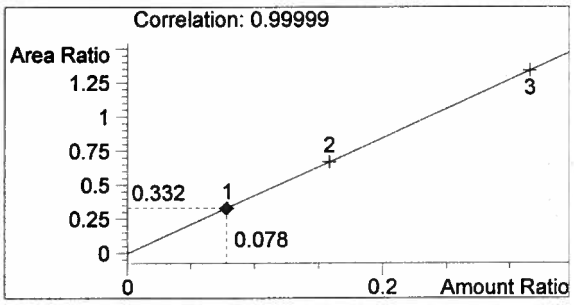
0.079 CAL
WP Marshall

vial # 2

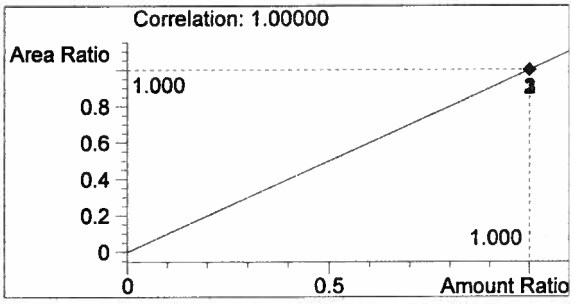


#	Compound	Area	RT
1	ETHANOL	687	1.063
2	n-PROPANOL	2072	1.806

Totals:



ETHANOL 0.078 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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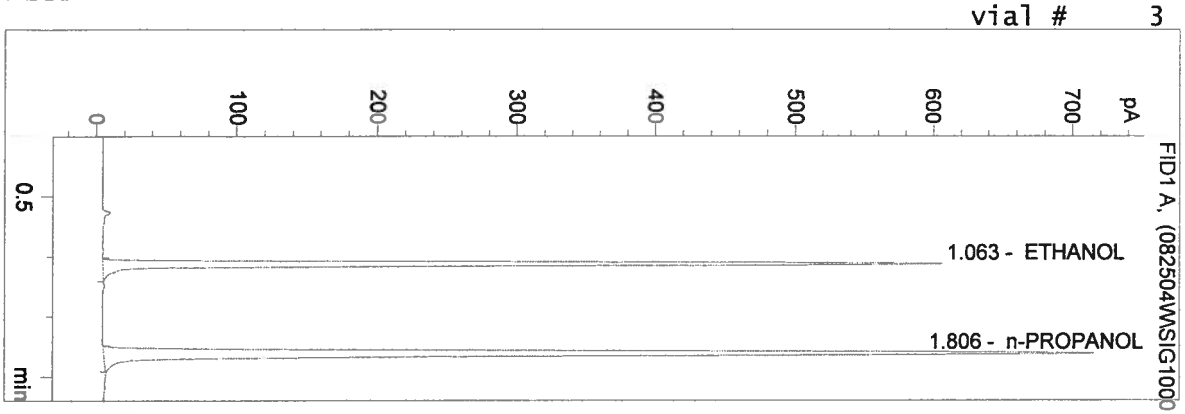
8/25/04 11:38:11 AM
Instrument 3
DB-ALC2

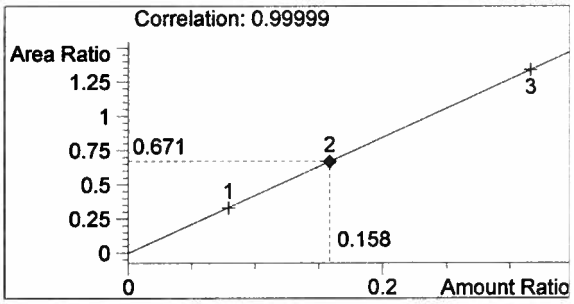
0.158 CAL
WP Marshall

vial # 3

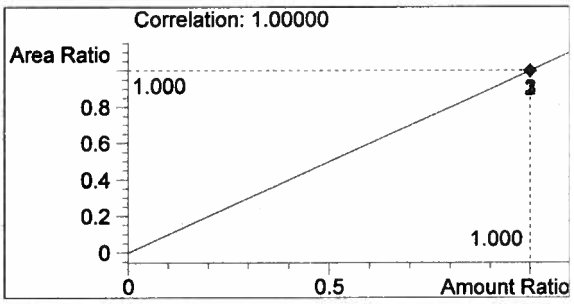


#	Compound	Area	RT
1	ETHANOL	1383	1.063
2	n-PROPANOL	2062	1.806

Totals:



ETHANOL 0.158 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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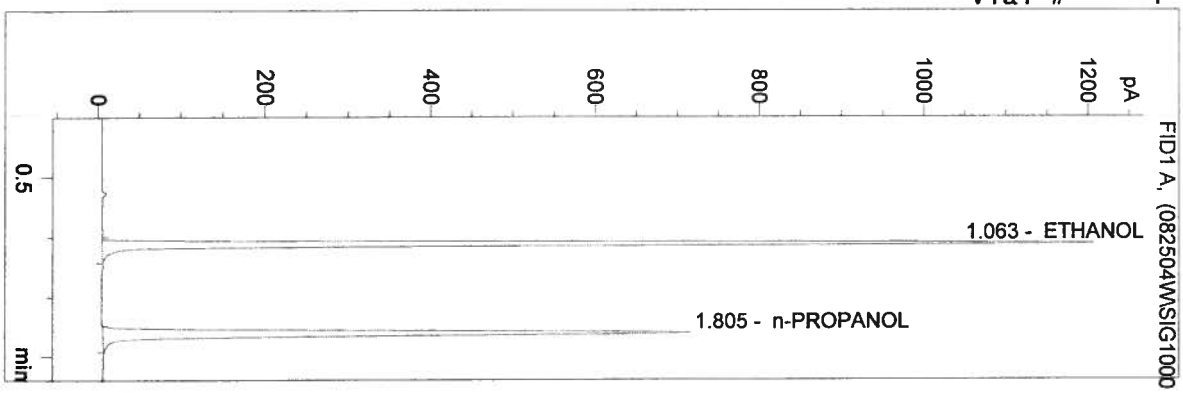
Instrument 3
DB-ALC2

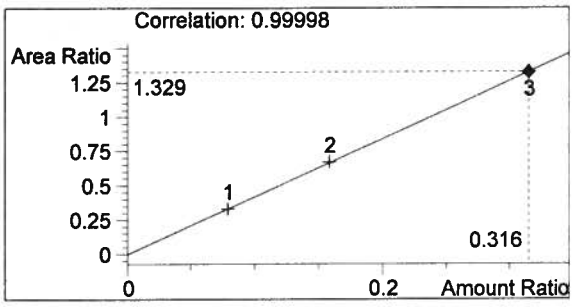
0.316 CAL
WP Marshall

vial # 4

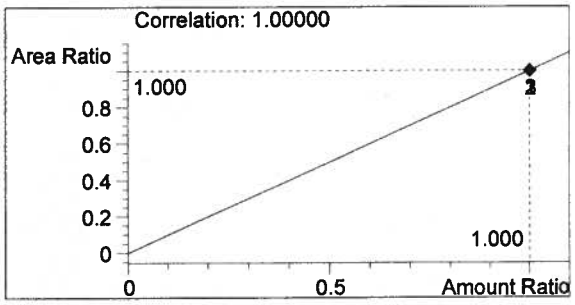


#	Compound	Area	RT
1	ETHANOL	2726	1.063
2	n-PROPANOL	2052	1.805

Totals:



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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8/25/04 11:44:37 AM
Instrument 3
DB-ALC2

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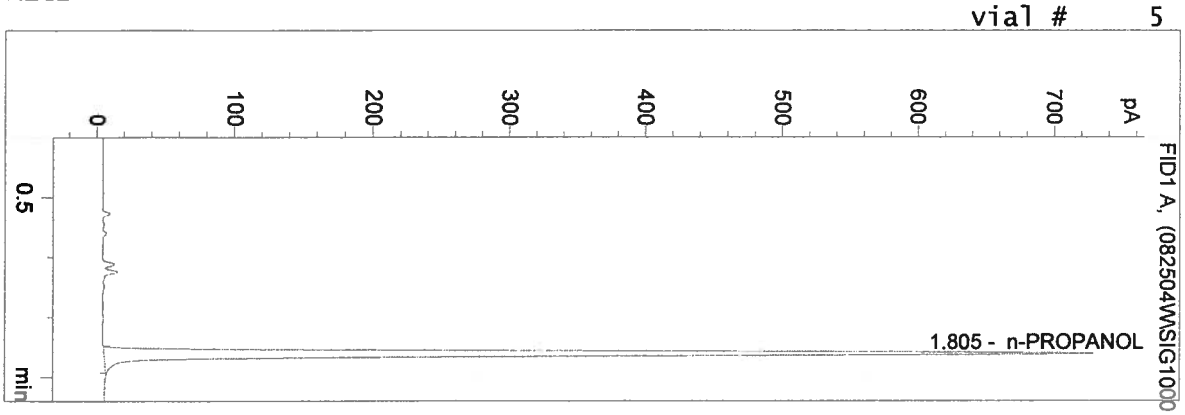
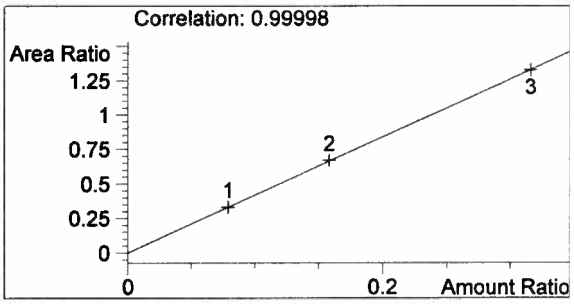
WP Marshall

vial # 5

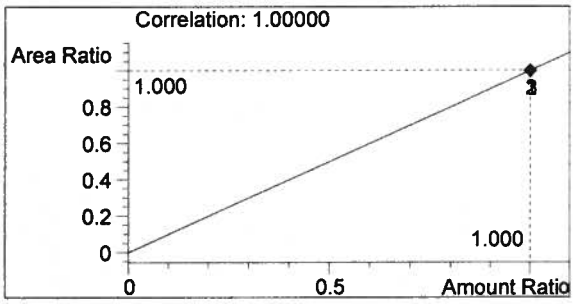


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2100	1.805

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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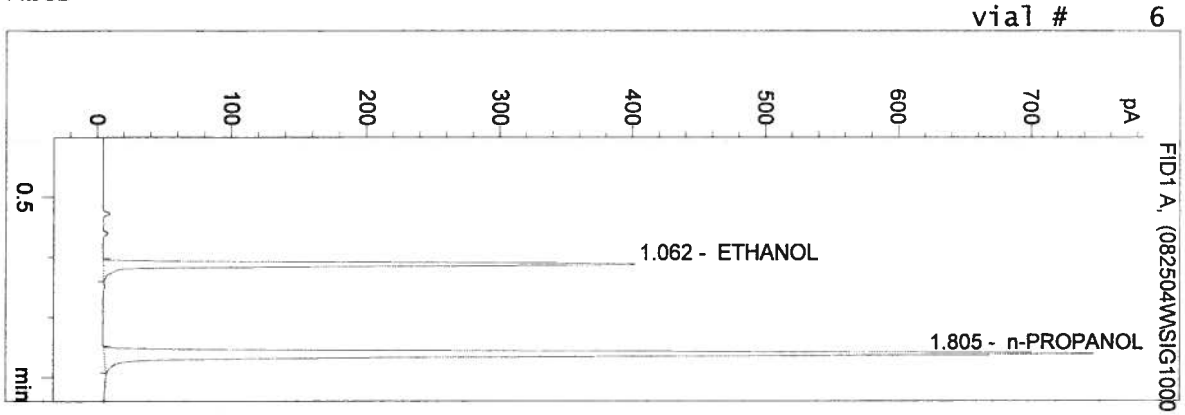
8/25/04 11:47:44 AM
Instrument 3
DB-ALC2

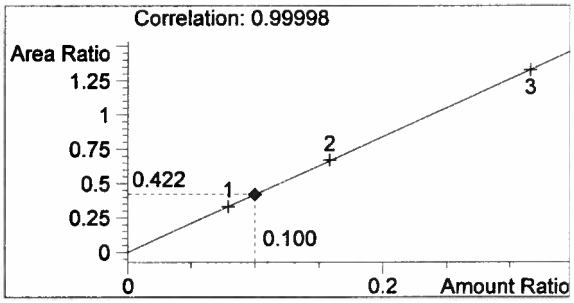
0.10 CONTROL
WP Marshall

vial # 6

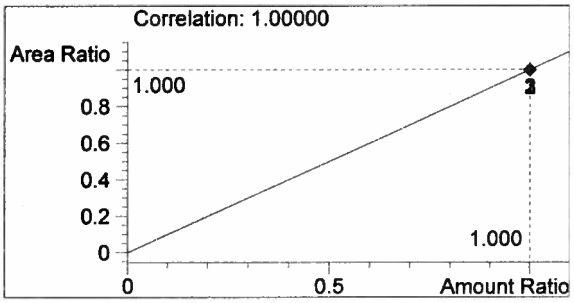


#	Compound	Area	RT
1	ETHANOL	907	1.062
2	n-PROPANOL	2148	1.805

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

Sequence: C:\HPCHEM\1\SEQUENCE\BILLSIM3.S

Sequence Parameters:

Operator:	WP Marshall
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:	082504W
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	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	BLANK	BLDALCO3	1	Sample		
6	6	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
7	7	04025 SIM	BLDALCO3	1	Sample		
8	8	04025 SIM	BLDALCO3	1	Sample		
9	9	04025 SIM	BLDALCO3	1	Sample		
10	10	04025 SIM	BLDALCO3	1	Sample		
11	11	04025 SIM	BLDALCO3	1	Sample		
12	12	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
13	13	04026 SIM	BLDALCO3	1	Sample		
14	14	04026 SIM	BLDALCO3	1	Sample		
15	15	04026 SIM	BLDALCO3	1	Sample		
16	16	04026 SIM	BLDALCO3	1	Sample		
17	17	04026 SIM	BLDALCO3	1	Sample		

Sequence Table (Back Injector):

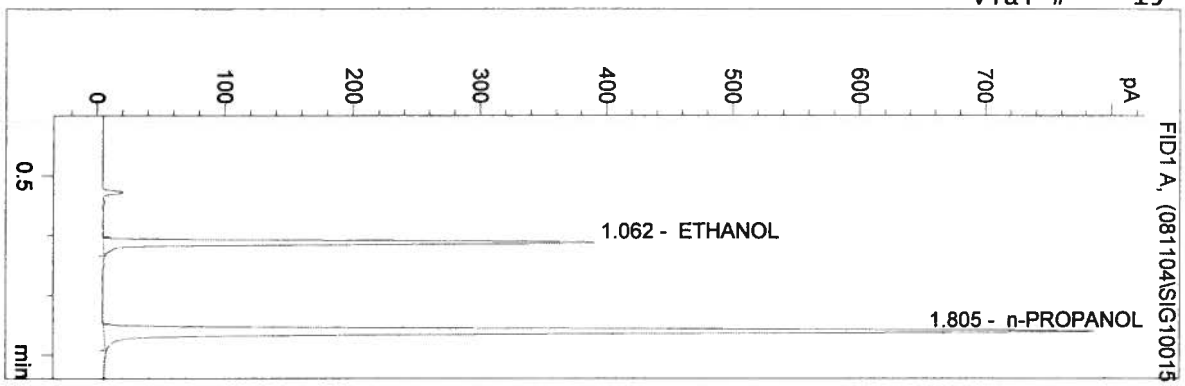
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/11/04 8:25:50 AM
Instrument 3
DB-ALC2

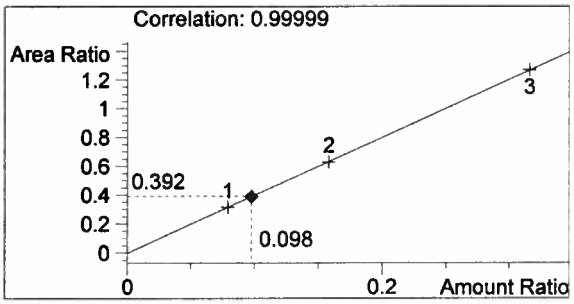
04025-1
Dora Schranz

vial # 15

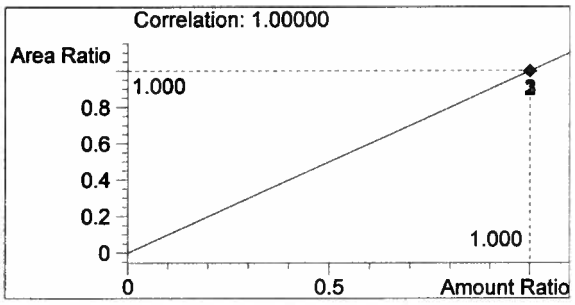


#	Compound	Area	RT
1	ETHANOL	885	1.062
2	n-PROPANOL	2261	1.805

Totals:



ETHANOL 0.098 g/100mL



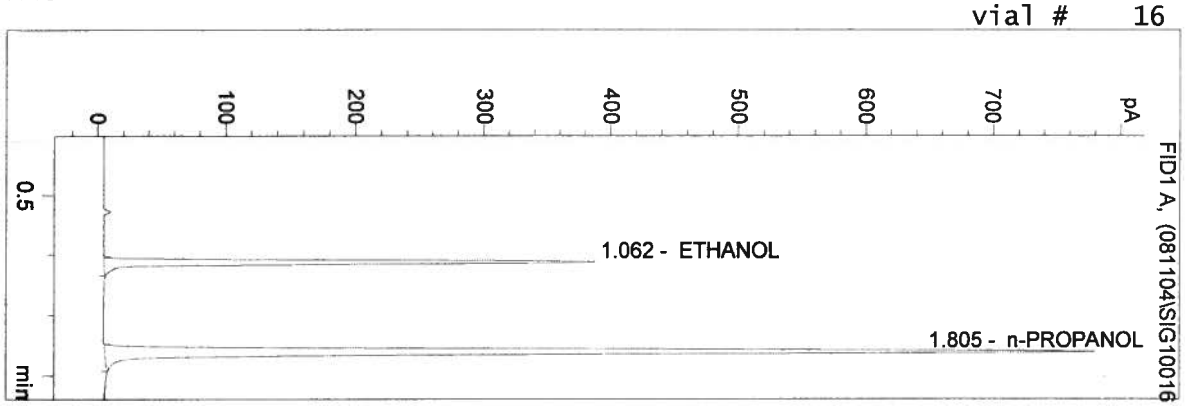
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/11/04 8:28:56 AM
Instrument 3
DB-ALC2

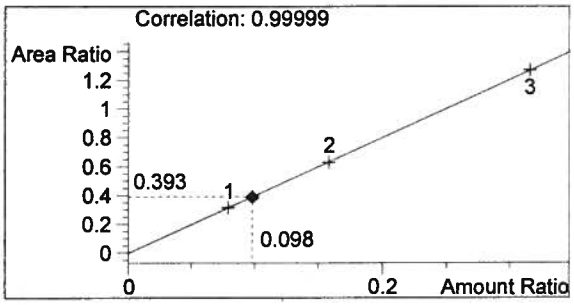
04025-2
Dora Schranz

vial # 16

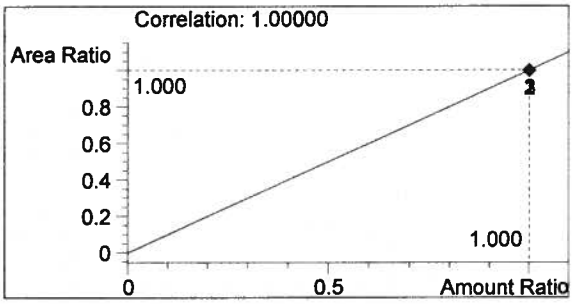


#	Compound	Area	RT
1	ETHANOL	881	1.062
2	n-PROPANOL	2242	1.805

Totals:



ETHANOL 0.098 g/100mL



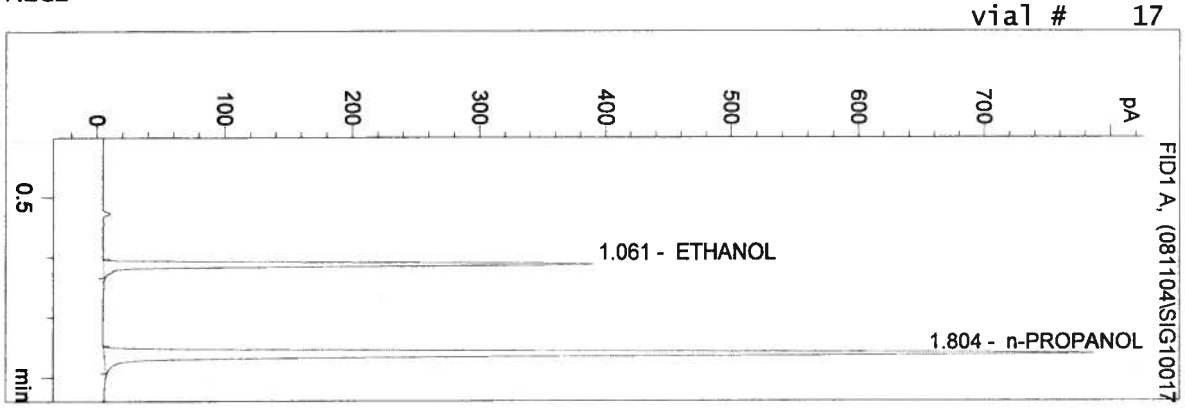
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/11/04 8:32:16 AM
Instrument 3
DB-ALC2

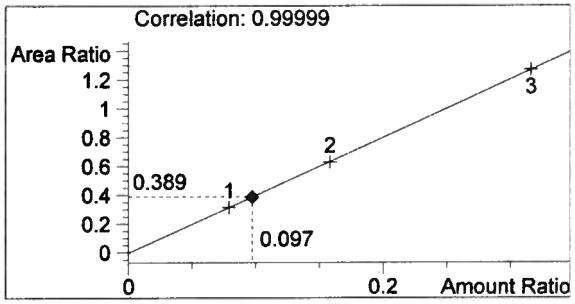
04025-3
Dora Schranz

vial # 17

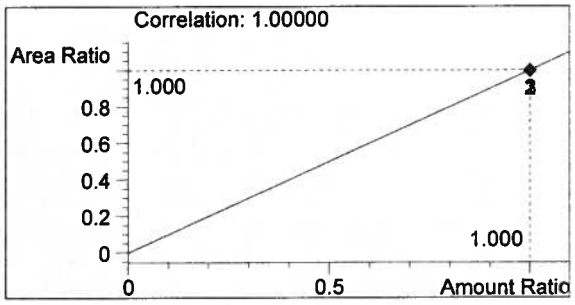


#	Compound	Area	RT
1	ETHANOL	885	1.061
2	n-PROPANOL	2273	1.804

Totals:



ETHANOL 0.097 g/100mL



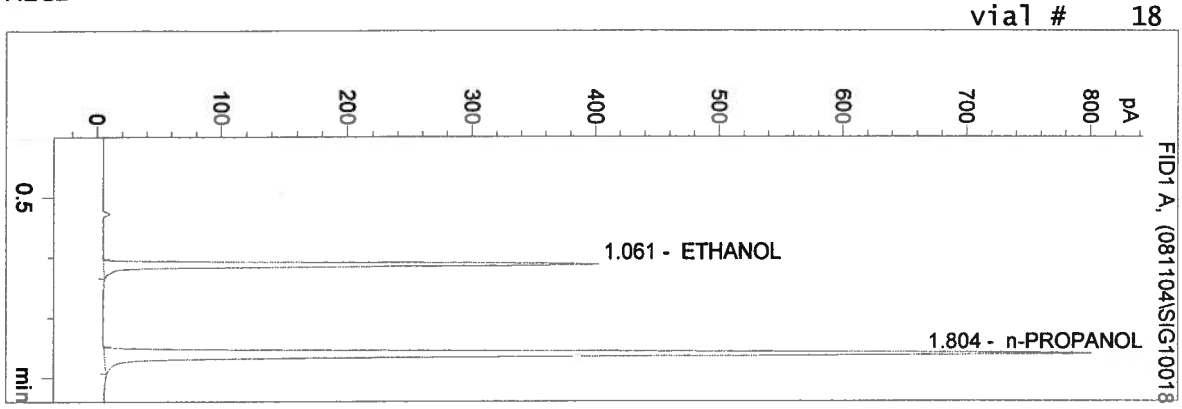
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/11/04 8:35:22 AM
Instrument 3
DB-ALC2

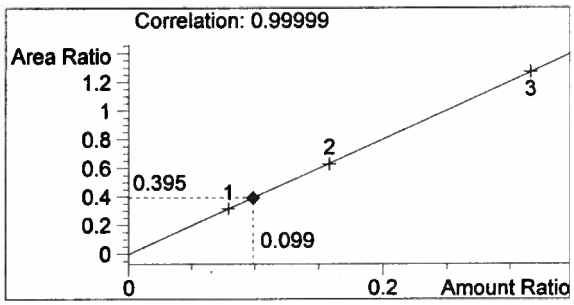
04025-4
Dora Schranz

vial # 18

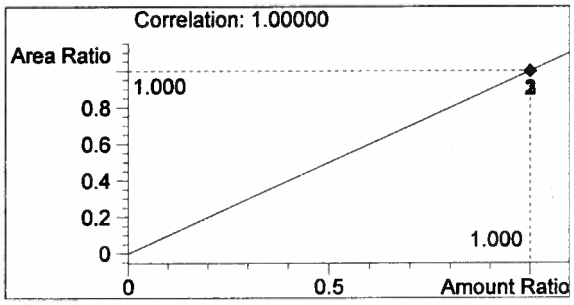


#	Compound	Area	RT
1	ETHANOL	914	1.061
2	n-PROPANOL	2315	1.804

Totals:



ETHANOL 0.099 g/100mL



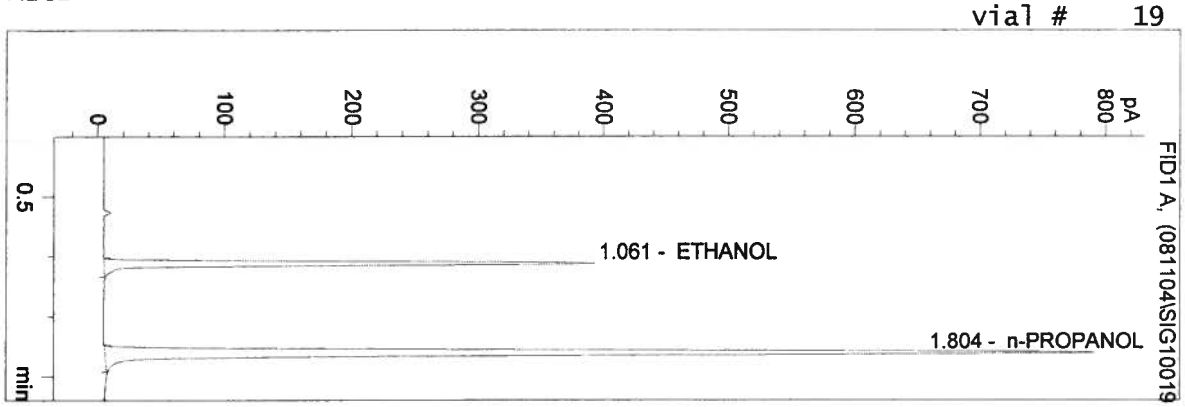
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/11/04 8:38:29 AM
Instrument 3
DB-ALC2

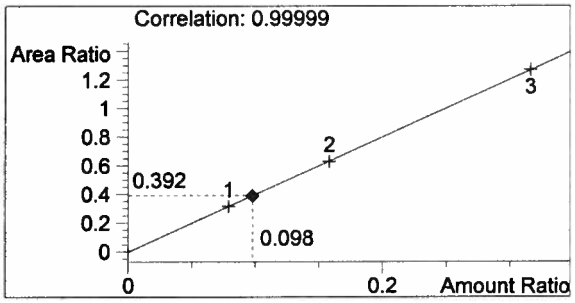
04025-5
Dora Schranz

vial # 19

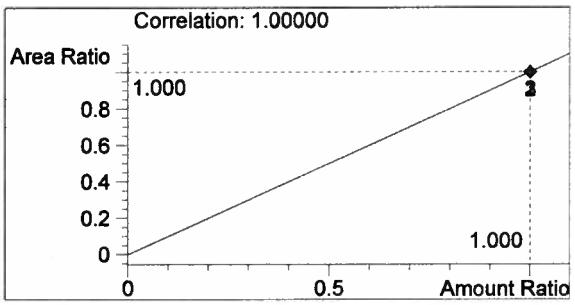


#	Compound	Area	RT
1	ETHANOL	893	1.061
2	n-PROPANOL	2280	1.804

Totals:



ETHANOL 0.098 g/100mL



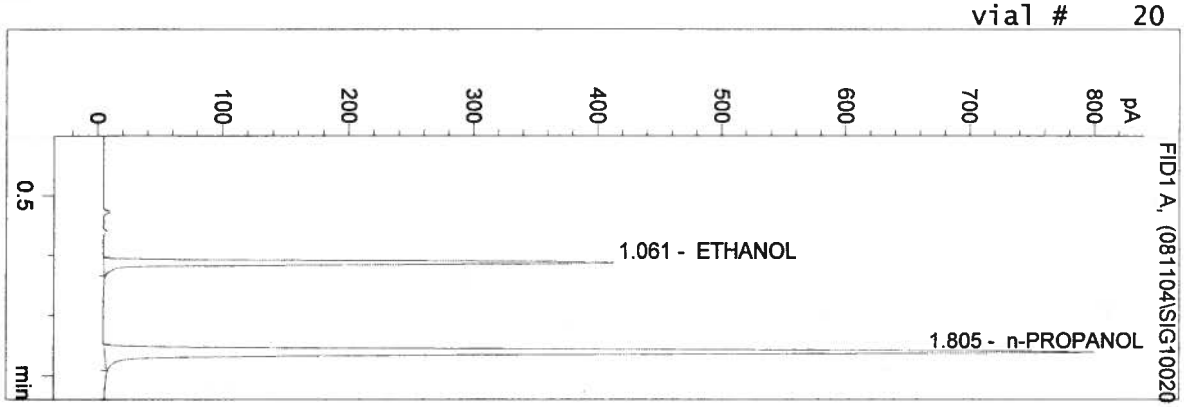
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/11/04 8:41:35 AM
Instrument 3
DB-ALC2

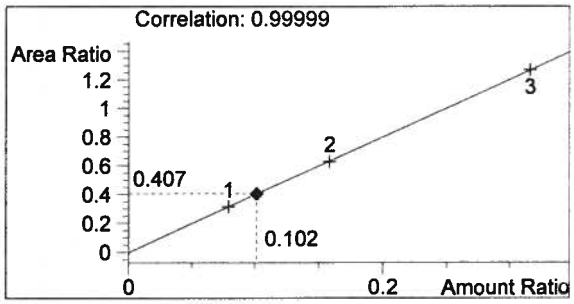
0.1 CONTROL
Dora Schranz

vial # 20

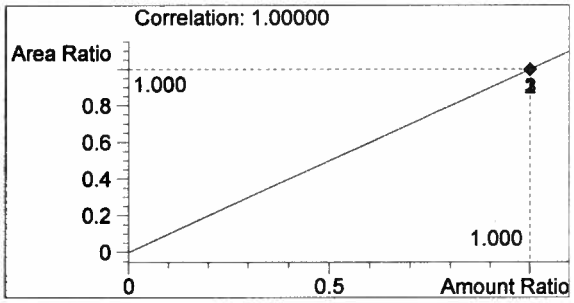


#	Compound	Area	RT
1	ETHANOL	939	1.061
2	n-PROPANOL	2308	1.805

Totals:



ETHANOL 0.102 g/100mL



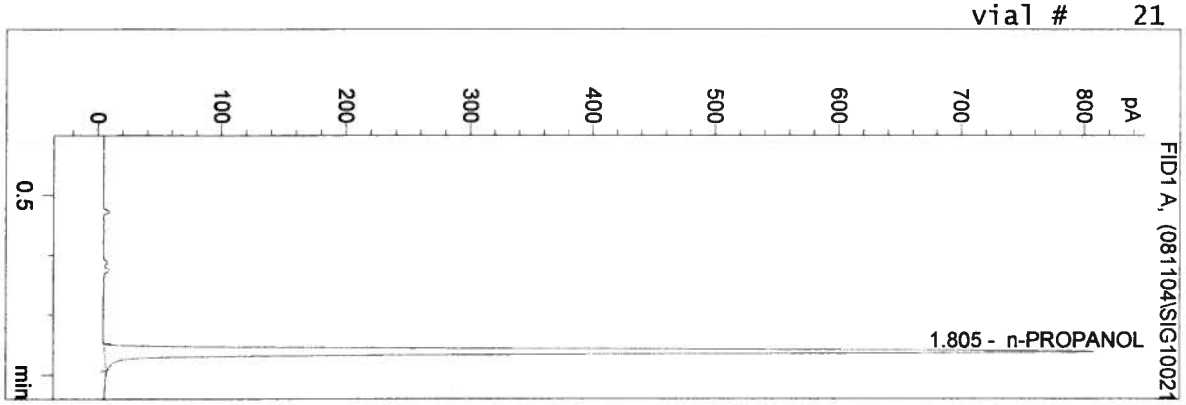
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
8/11/04 8:44:55 AM
Instrument 3
DB-ALC2

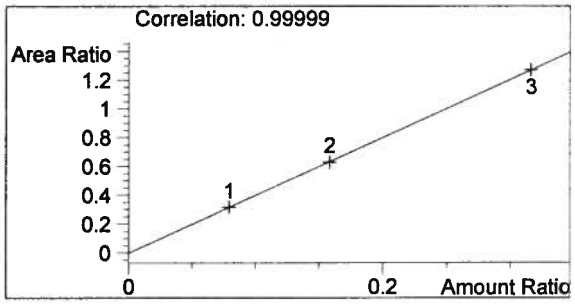
BLANK
Dora Schranz

vial # 21

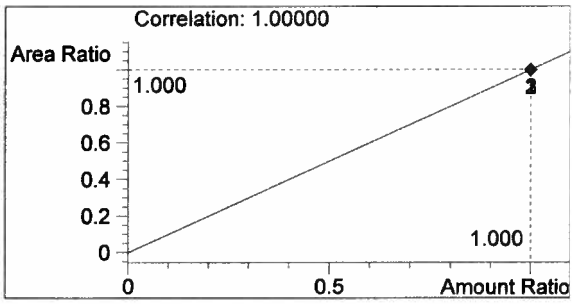


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2337	1.805

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL