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 **03041** Date: 12/16/2003

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

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

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

External Control:

Lot #: A024546 Exp date: 09/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1014 g/100 mL

SD: 0.00168

Range (3xSD): 0.0963 to 0.1064

Precision CV (%): 1.6614 %

Equivalent vapor concent.: 0.0824 g/210L

Analyst	Name	Signature	Date
1	Naziha Nuwayhid, PhD		12/16/03
2	Mary E Wilson		12/17/03
3	Estuardo J. Miranda		12/18/03
4	William P Marshall		12/23/03
5	Asa Louis		12/23/03
6	Melissa Pemberton		12/24/03
7	Brian Capron		12/31/03
8	Kari Gruendell		01/05/04
9	Ann Marie Gordon		01/05/04
10	Jayne E. Thatcher		01/07/04
11	Edward Formoso		01/08/04
12			

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

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/bf
AJLSIMSOL

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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 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/bf
NNSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, 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 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/bf
MEWSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/bf
EMSIMSOL

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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 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/bf
WMSIMSOL

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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 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/bf
MPSIMSOL

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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 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Brian Capron
Forensic Toxicologist

BC/bf
BCSIMSOL

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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 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Kari D. Gruendell
Kari D. Gruendell
Forensic Toxicologist

KDG/bf
KDGSIMSOL

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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 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/bf
AGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/bf
JTSIMSOL

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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 03041, was prepared in the Washington State Toxicology Laboratory on 12/16/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/16/04.

Dated: 1/16/04
Seattle, WA

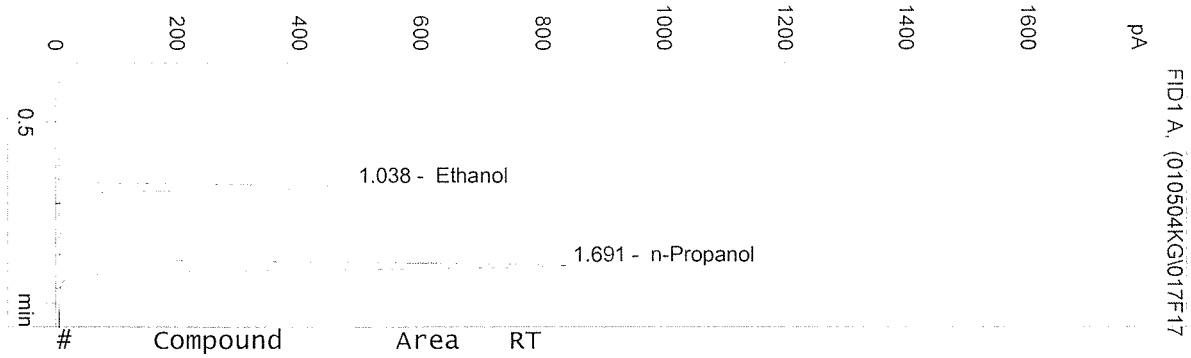
Edward J. Formoso
Forensic Toxicologist

EJF/bf
EFSIMSOL

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 5:10:08 PM
Instrument 2
DR-ALC1

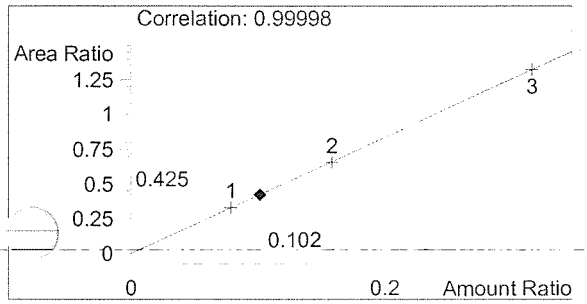
03041 AMG
Kari Gruendell

vial # 17

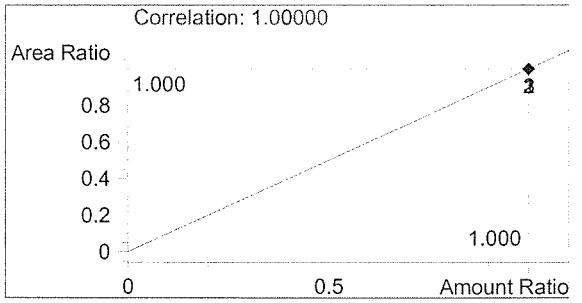


#	Compound	Area	RT
1	Ethanol	1510	1.038
2	n-Propanol	3550	1.691

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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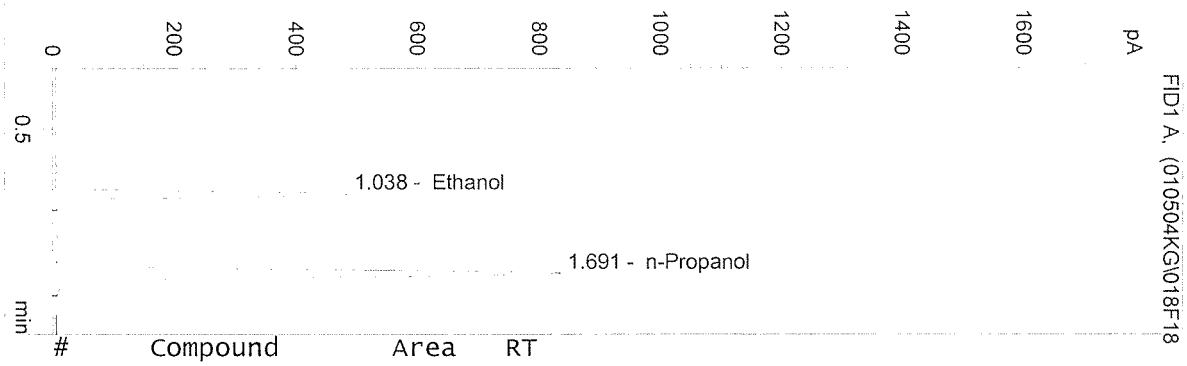
Instrument 2
BL-ALC1

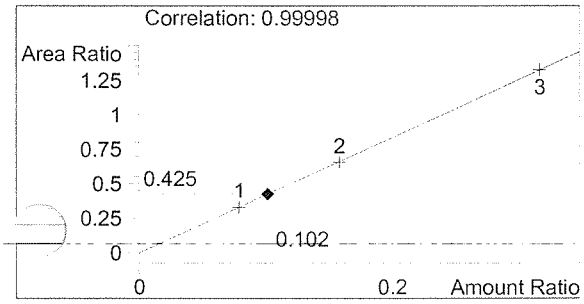
03041 AMG
Kari Gruendell

vial # 18

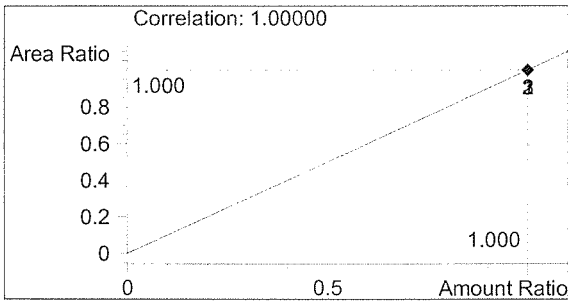


#	Compound	Area	RT
1	Ethanol	1505	1.038
2	n-Propanol	3538	1.691

Totals:



Ethanol 0.102 g/100ml

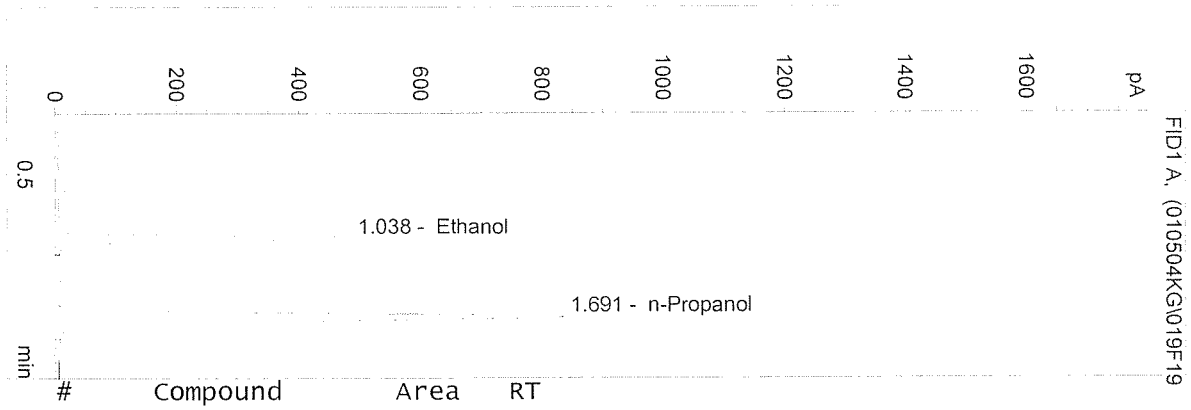


n-Propanol 1.000 g/100ml

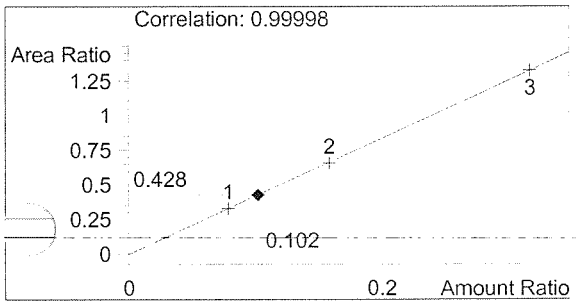
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 5:16:32 PM
Instrument 2
BLDALC1

03041 AMG
Kari Gruendell

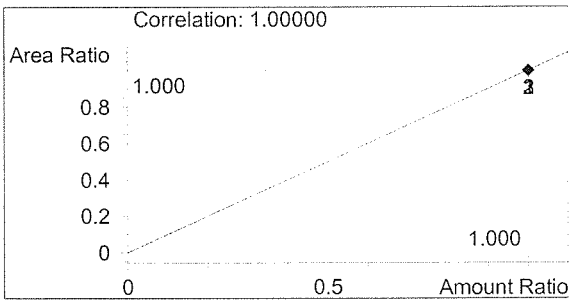
vial # 19



#	Compound	Area	RT
1	Ethanol	1509	1.038
2	n-Propanol	3527	1.691
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
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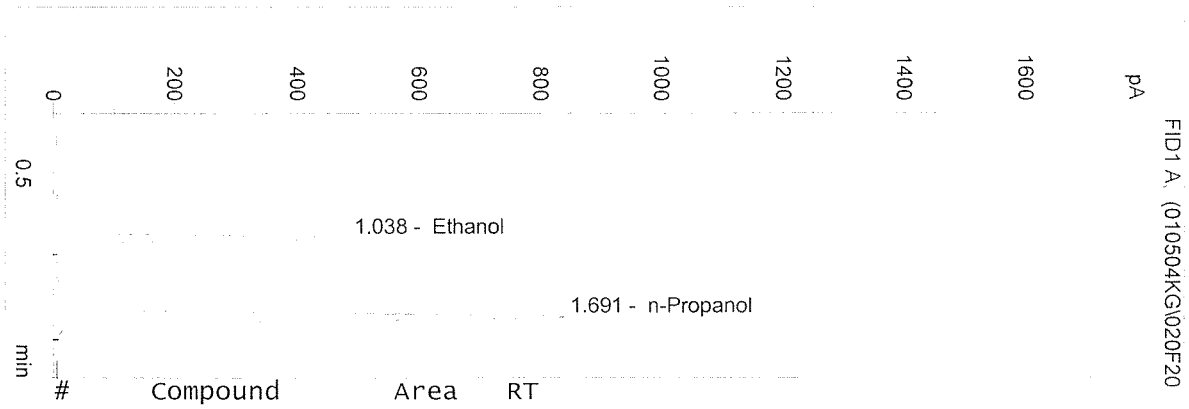
Instrument 2
BLDALC1

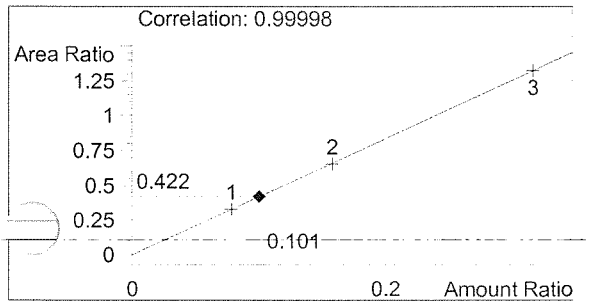
03041 AMG
Kari Gruendell

vial # 20

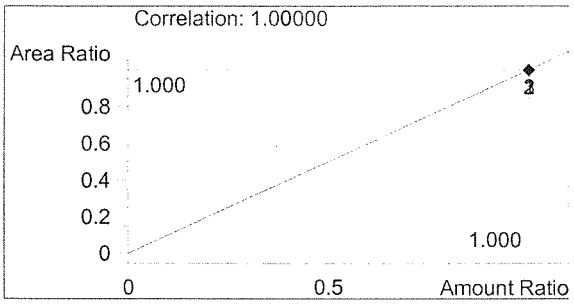


#	Compound	Area	RT
1	Ethanol	1497	1.038
2	n-Propanol	3550	1.691

Totals:



Ethanol 0.101 g/100ml

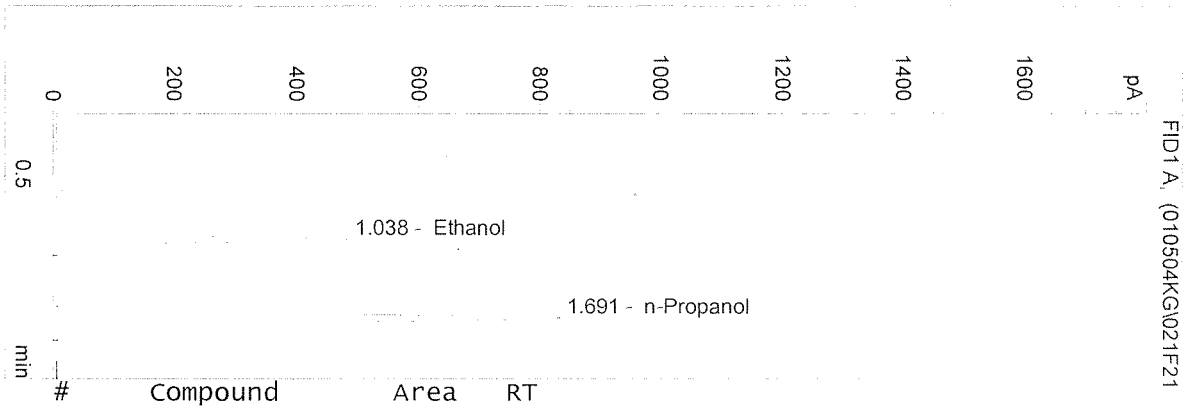


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 5:23:02 PM
Instrument 2
D:\ALC1

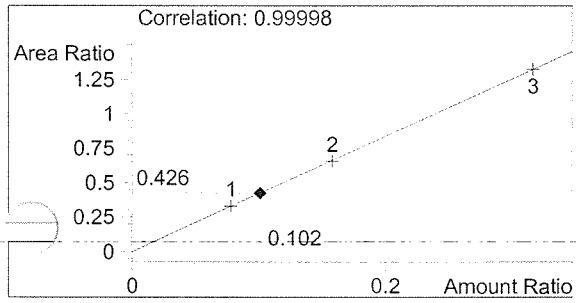
03041 AMG
Kari Gruendell

vial # 21

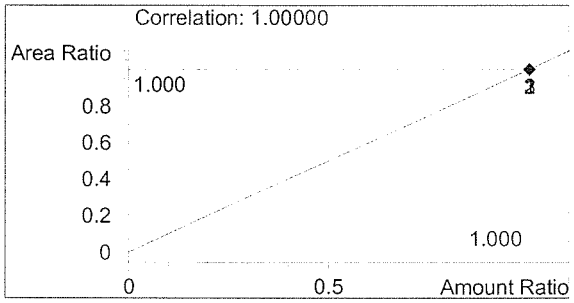


#	Compound	Area	RT
1	Ethanol	1508	1.038
2	n-Propanol	3541	1.691

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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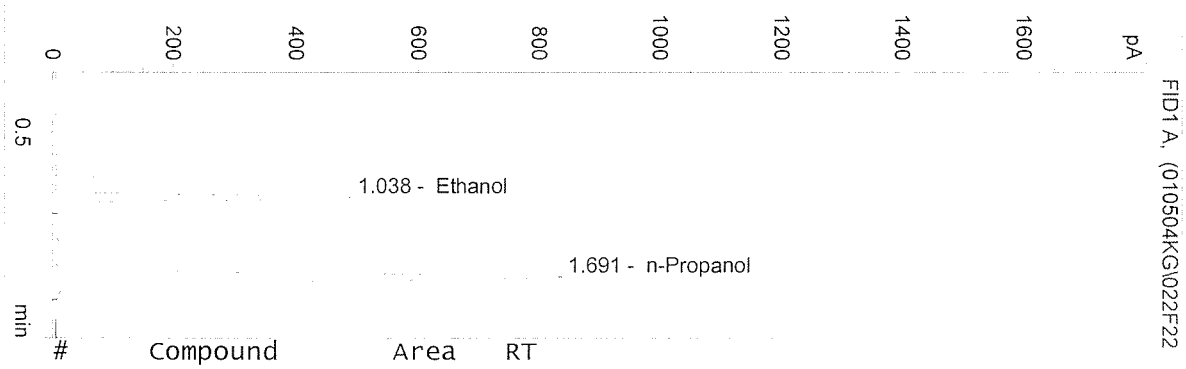
Instrument 2
ALC1

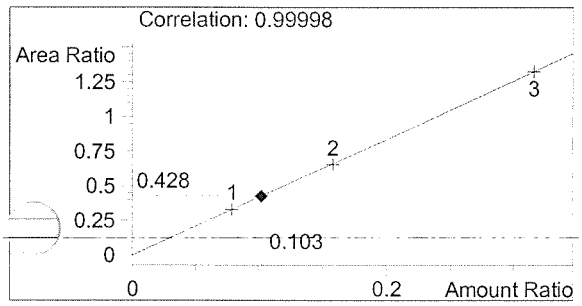
0.10 CONTROL AMG
Kari Gruendell

vial # 22

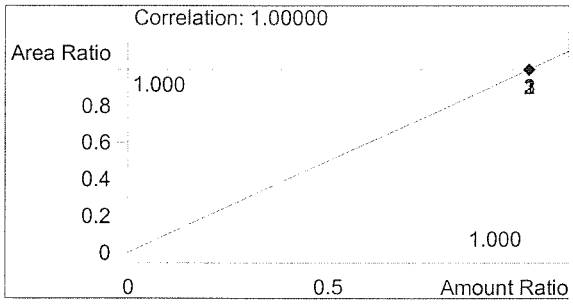


#	Compound	Area	RT
1	Ethanol	1519	1.038
2	n-Propanol	3548	1.691

Totals:



Ethanol 0.103 g/100ml



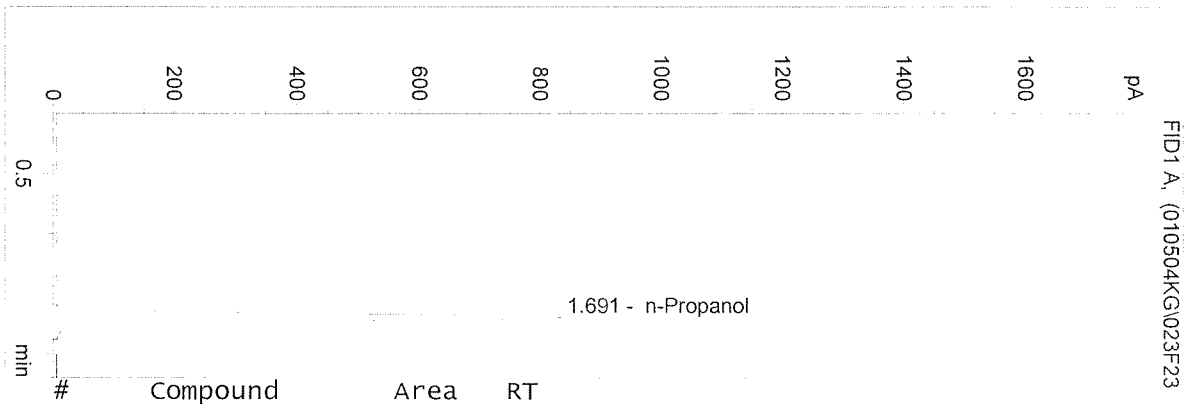
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 5:29:21 PM
Instrument 2
ALC1

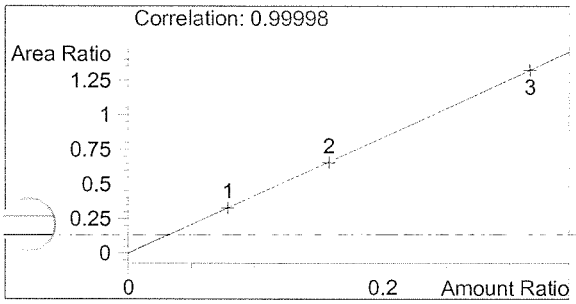
BLANK AMG
Kari Gruendell

vial # 23

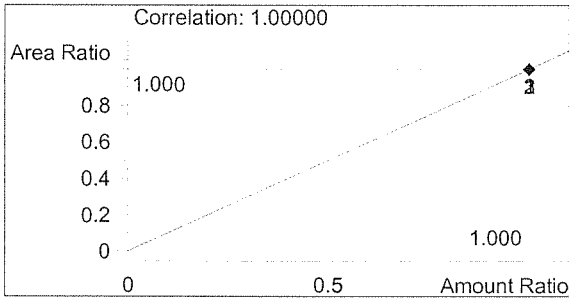


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3530	1.691

Totals:



Ethanol 0.000 g/100ml

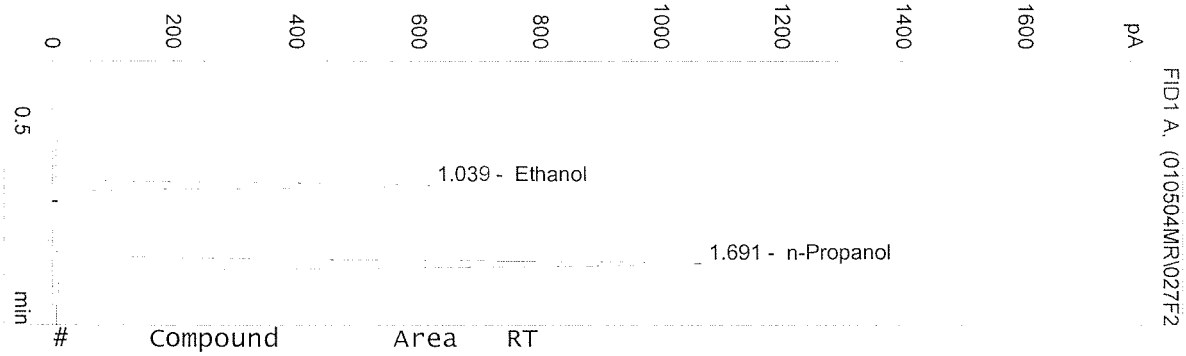


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 2:21:03 PM
Instrument 2
BALC1

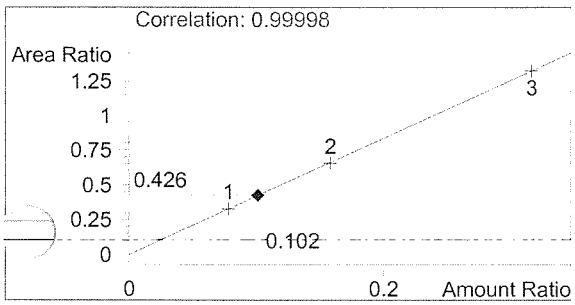
03041 KG
MELISSA PEMBERTON

vial # 27

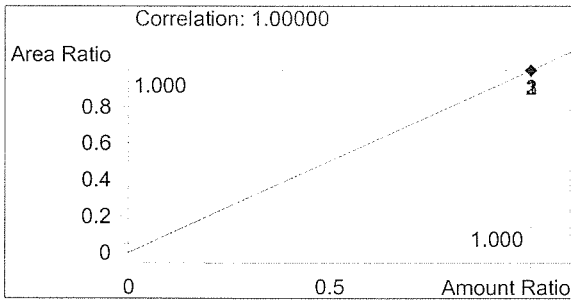


#	Compound	Area	RT
1	Ethanol	1931	1.039
2	n-Propanol	4529	1.691

Totals:



Ethanol 0.102 g/100ml

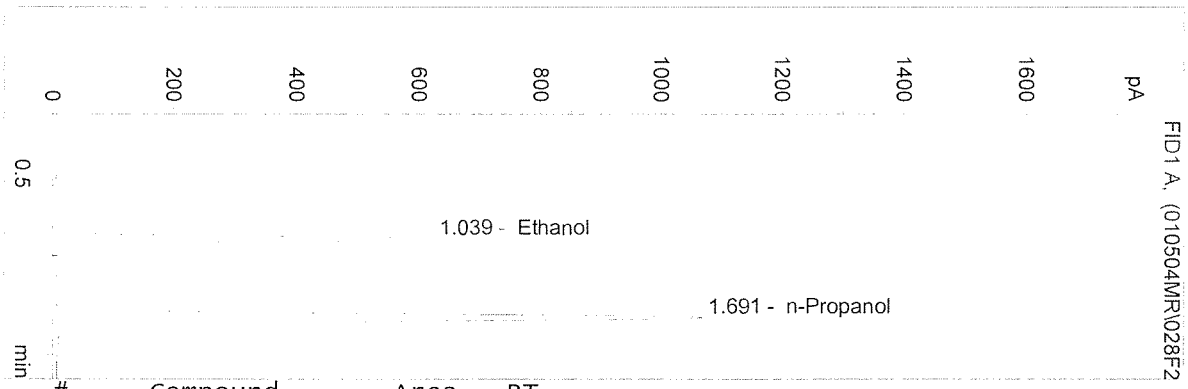


n-Propanol 1.000 g/100ml

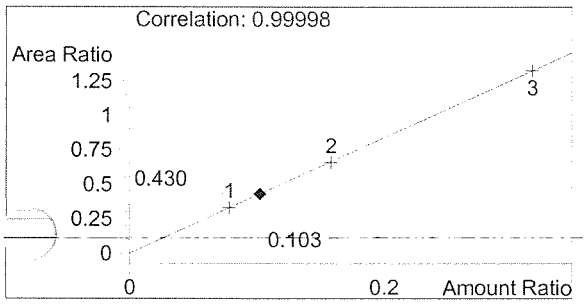
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 2:24:14 PM
Instrument 2
DB-ALC1

03041 KG
MELISSA PEMBERTON

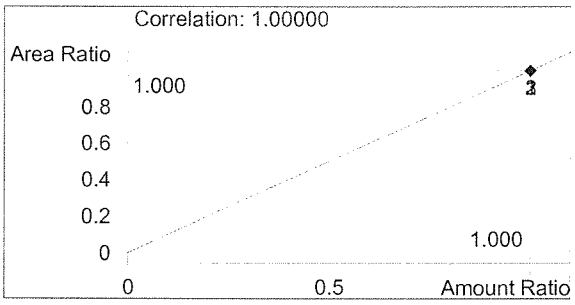
vial # 28



#	Compound	Area	RT
1	Ethanol	1953	1.039
2	n-Propanol	4539	1.691
Totals:			



Ethanol 0.103 g/100ml

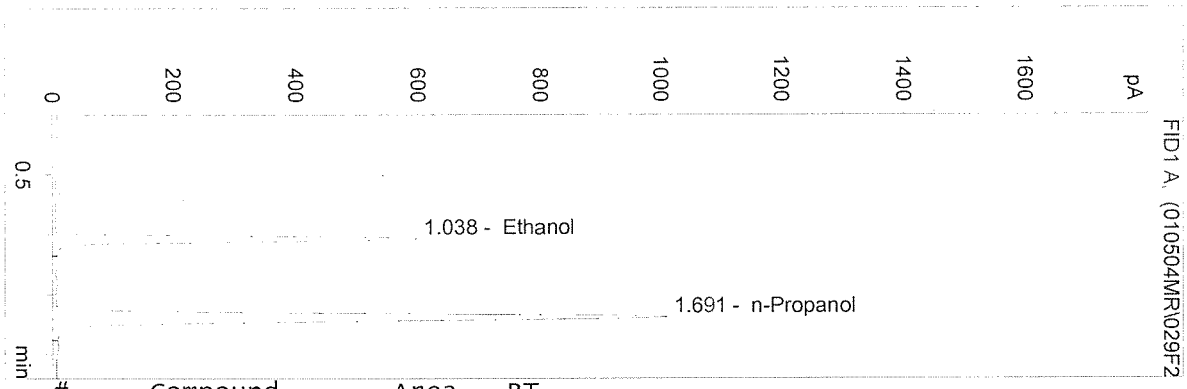


n-Propanol 1.000 g/100ml

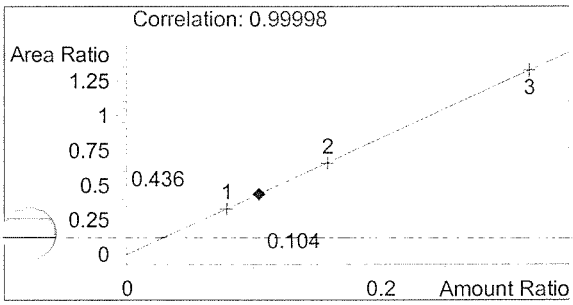
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 2:27:27 PM
Instrument 2
DALC1

03041 KG
MELISSA PEMBERTON

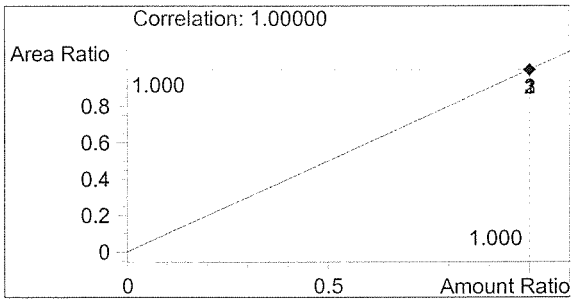
vial # 29



#	Compound	Area	RT
1	Ethanol	1866	1.038
2	n-Propanol	4282	1.691
Totals:			



Ethanol 0.104 g/100ml

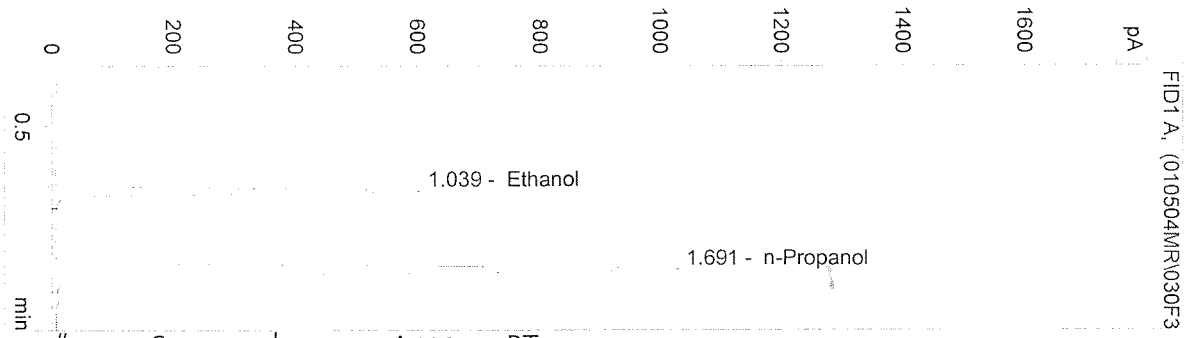


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 2:30:40 PM
Instrument 2
DB-ALC1

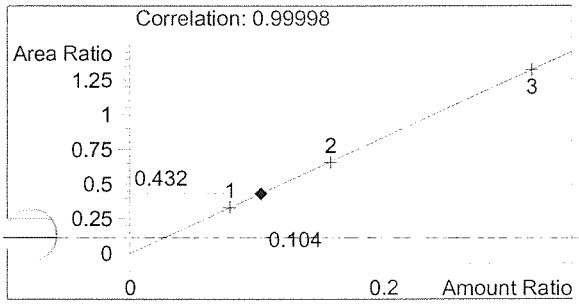
03041 KG
MELISSA PEMBERTON

vial # 30

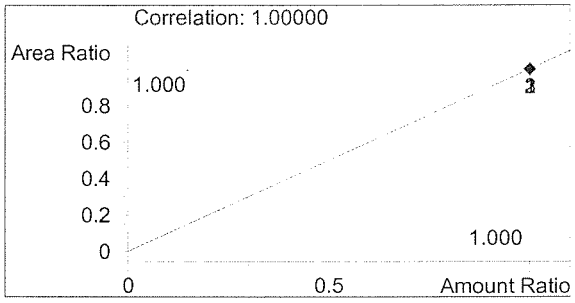


#	Compound	Area	RT
1	Ethanol	1892	1.039
2	n-Propanol	4378	1.691

Totals:



Ethanol 0.104 g/100ml

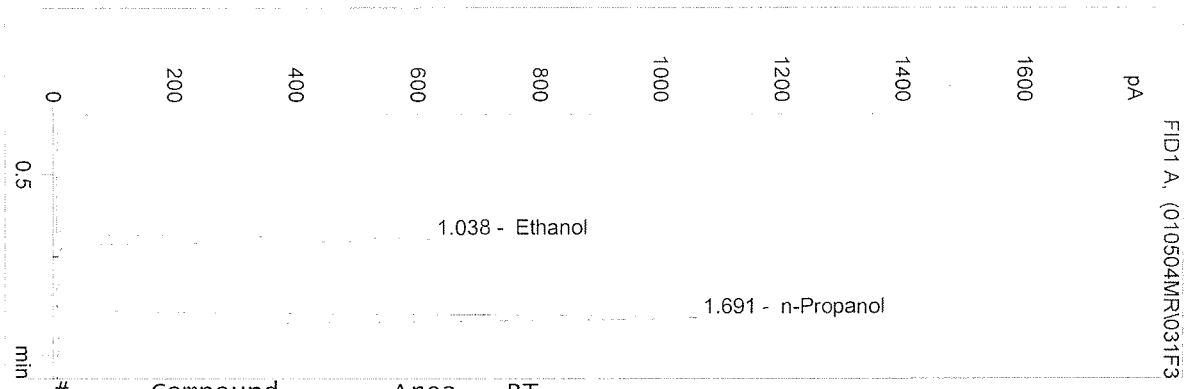


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 2:33:51 PM
Instrument 2
DB-ALC1

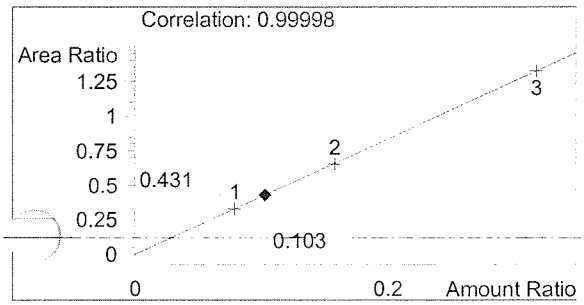
03041 KG
MELISSA PEMBERTON

vial # 31

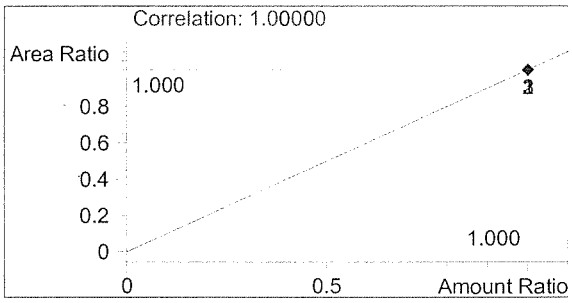


#	Compound	Area	RT
1	Ethanol	1935	1.038
2	n-Propanol	4485	1.691

Totals:



Ethanol 0.103 g/100ml

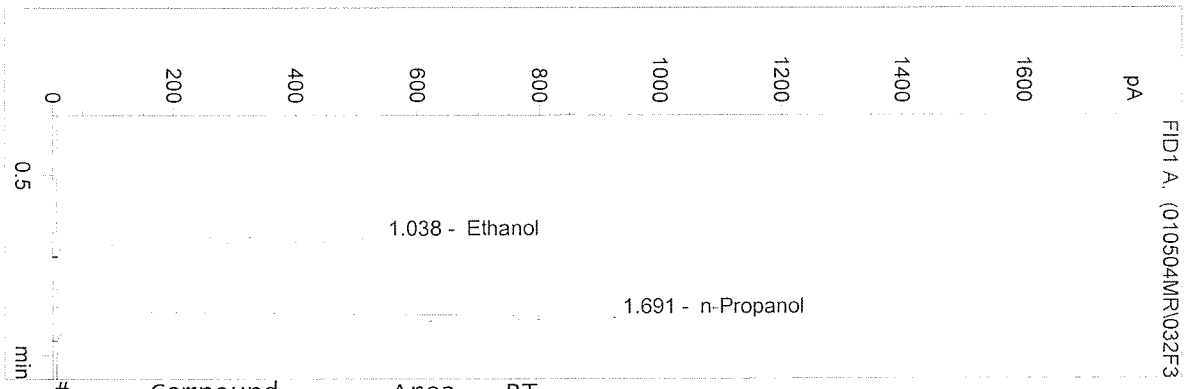


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 2:37:02 PM
Instrument 2
DB-ALC1

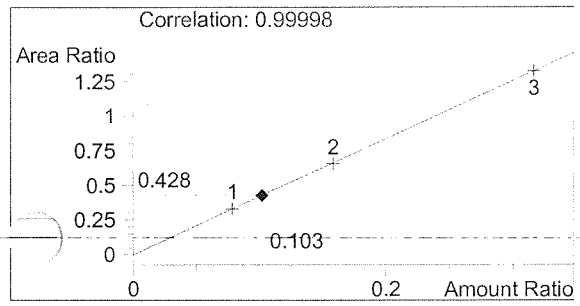
0.10 CONTROL KG
MELISSA PEMBERTON

vial # 32

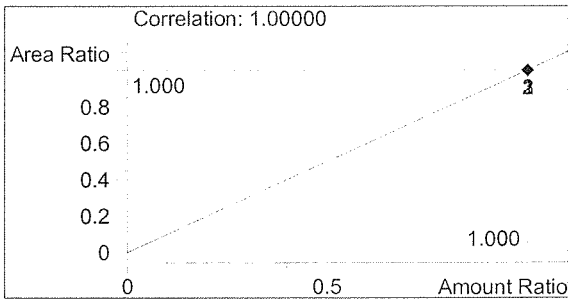


#	Compound	Area	RT
1	Ethanol	1676	1.038
2	n-Propanol	3915	1.691

Totals:



Ethanol 0.103 g/100ml

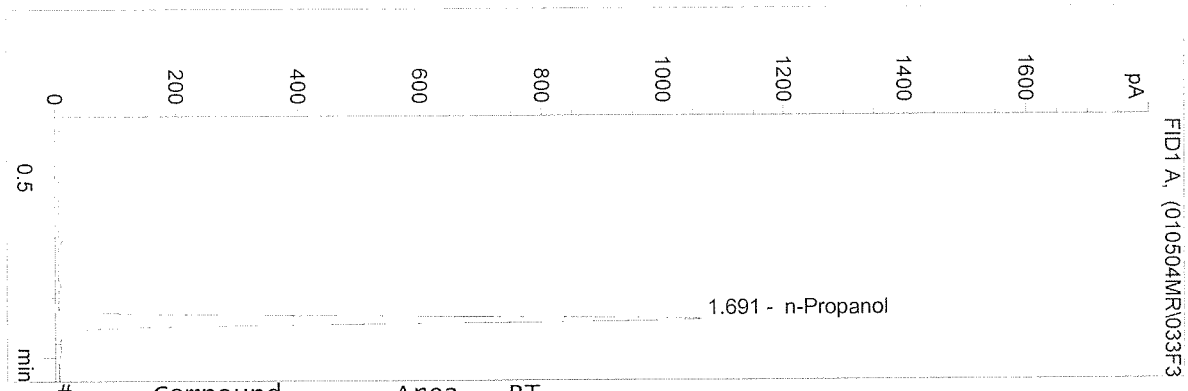


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 2:40:13 PM
Instrument 2
DRALC1

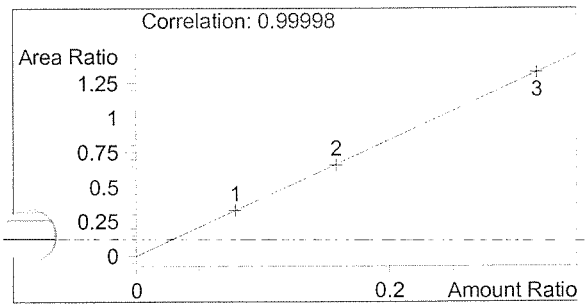
BLANK KG
MELISSA PEMBERTON

vial # 33

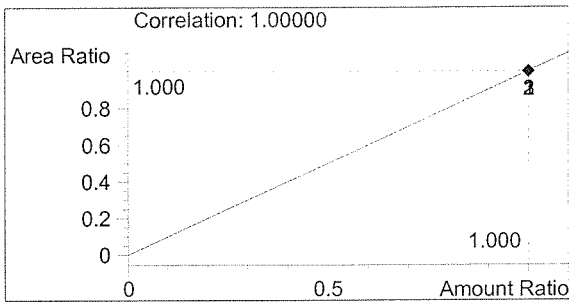


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4503	1.691

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:	121603NN
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 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	03041-1 SIM	BLDALCO3	1	Sample		
8	8	03041-2 SIM	BLDALCO3	1	Sample		
9	9	03041-3 SIM	BLDALCO3	1	Sample		
10	10	03041-4 SIM	BLDALCO3	1	Sample		
11	11	03041-5 SIM	BLDALCO3	1	Sample		
12	12	CTRL 0.100	BLDALCO3	1	Ctrl Samp		
13	13	BLANK	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	

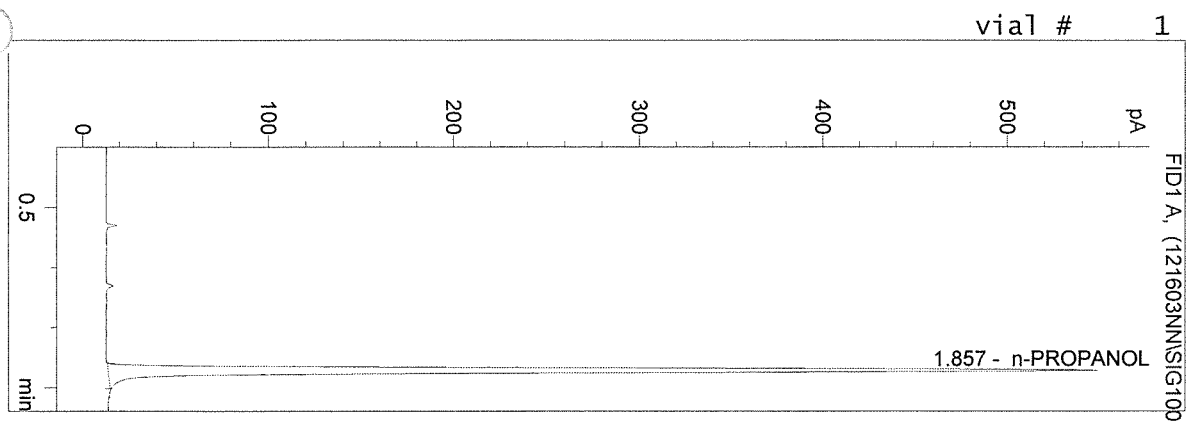
Sequence Table (Back Injector):

No entries - empty table!

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/16/03 3:45:02 PM
Instrument 3

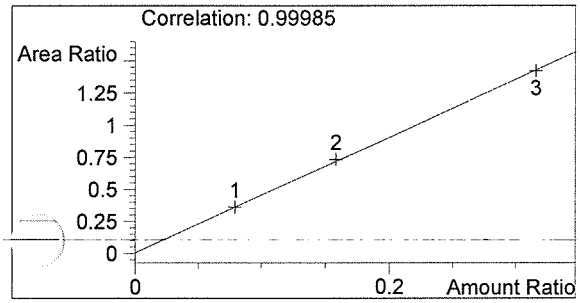
BLANK
N Nuwayhid, PhD

vial # 1

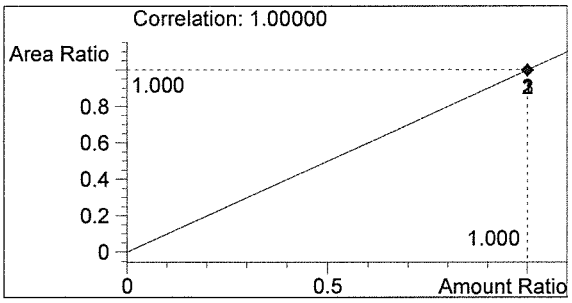


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1458	1.857

Totals:



ETHANOL 0.000 g/100mL

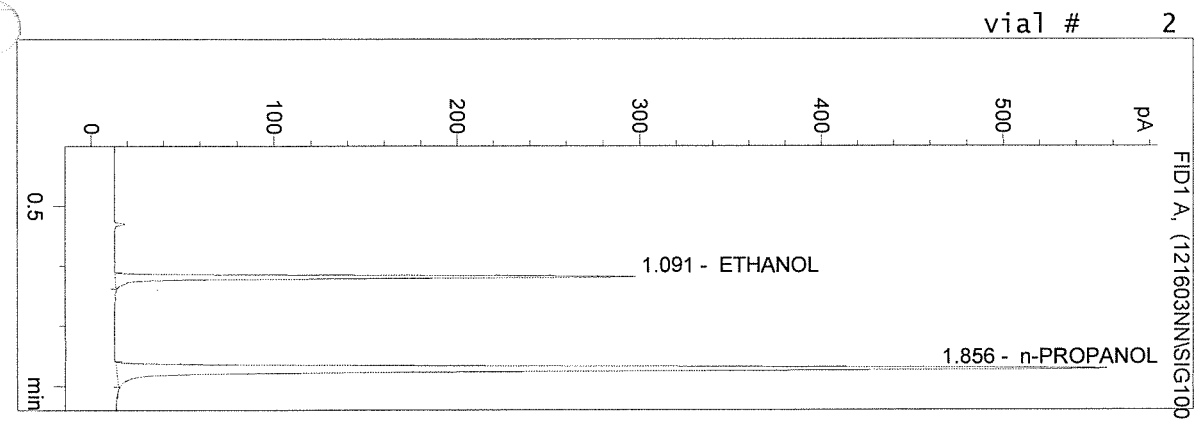


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/16/03 3:48:06 PM
Instrument 3

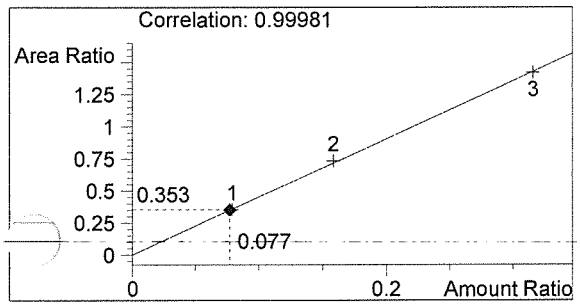
0.079 CAL1
N Nuwayhid, PhD

vial # 2

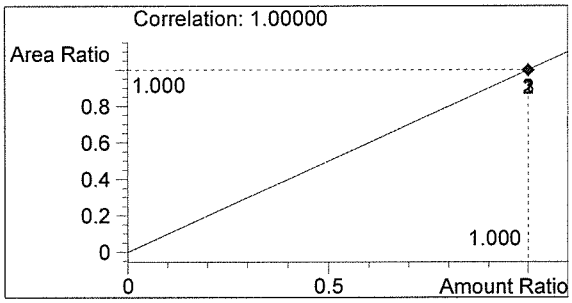


#	Compound	Area	RT
1	ETHANOL	523	1.091
2	n-PROPANOL	1483	1.856

Totals:



ETHANOL 0.077 g/100mL

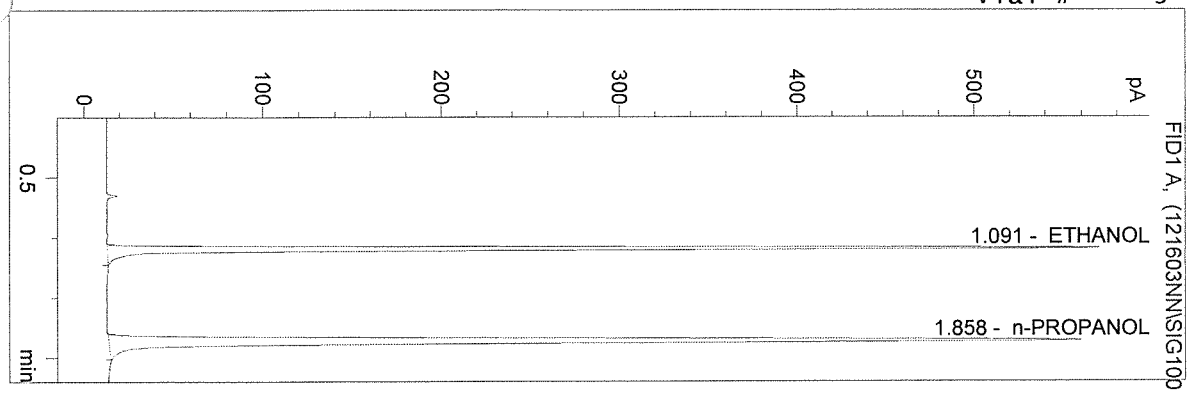


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/16/03 3:51:10 PM
Instrument 3

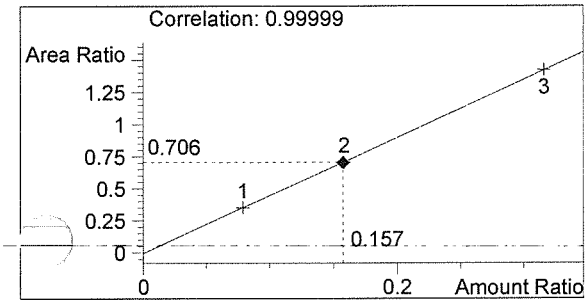
0.158 CAL2
N Nuwayhid, PhD

vial # 3

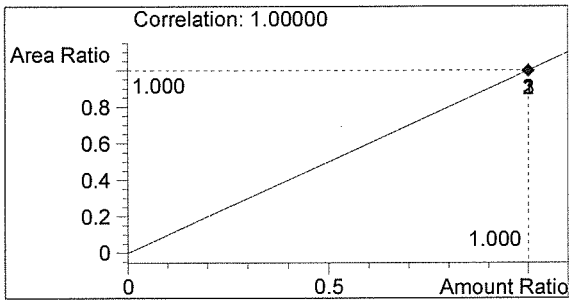


#	Compound	Area	RT
1	ETHANOL	1058	1.091
2	n-PROPANOL	1499	1.858

Totals:



ETHANOL 0.157 g/100mL

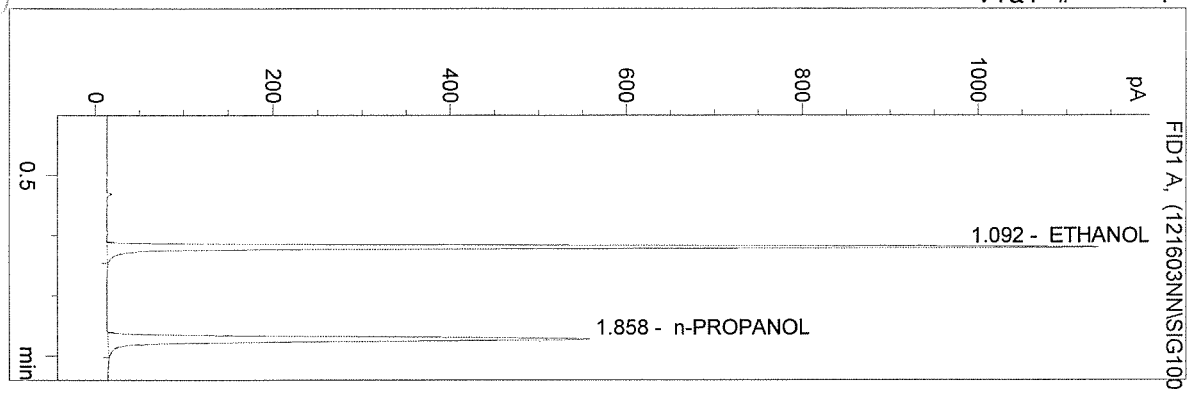


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/16/03 3:54:14 PM
Instrument 3

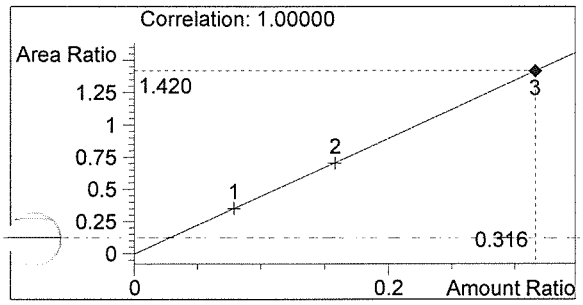
0.316 CAL3
N Nuwayhid, PhD

vial # 4

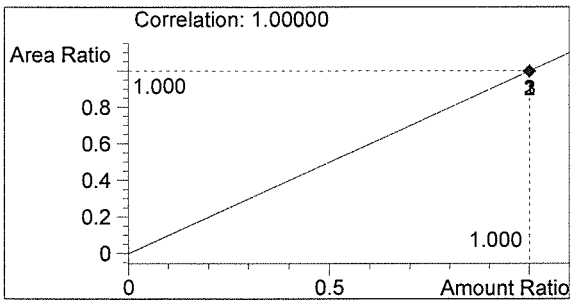


#	Compound	Area	RT
1	ETHANOL	2118	1.092
2	n-PROPANOL	1491	1.858

Totals:



ETHANOL 0.316 g/100mL



n-PROPANOL 1.000 g/100mL

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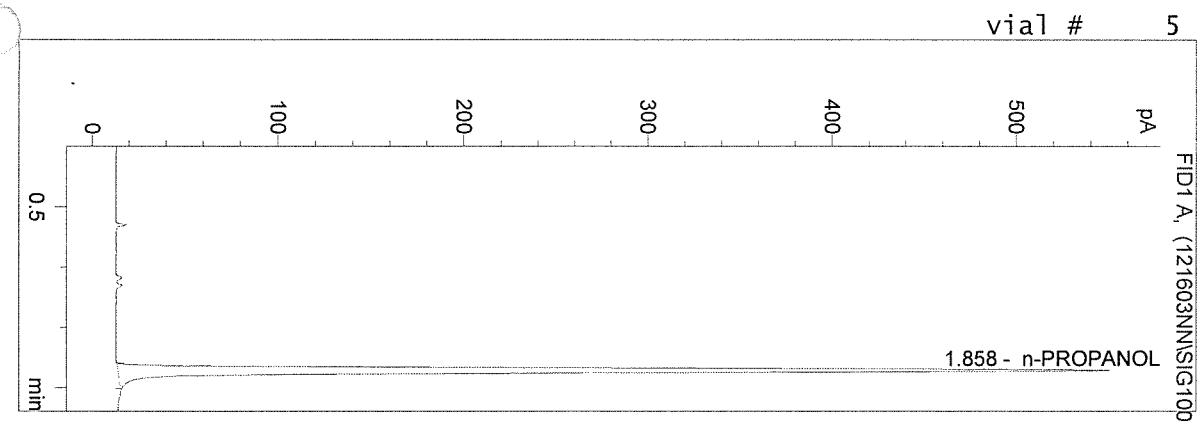
12/16/03 3:57:36 PM
Instrument 3

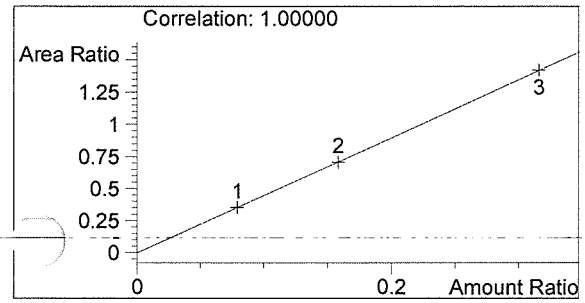
Blank
N Nuwayhid, PhD

vial # 5

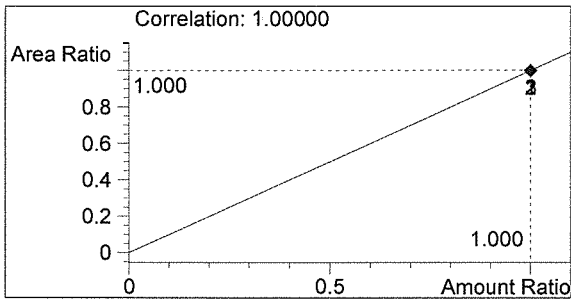


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1465	1.858

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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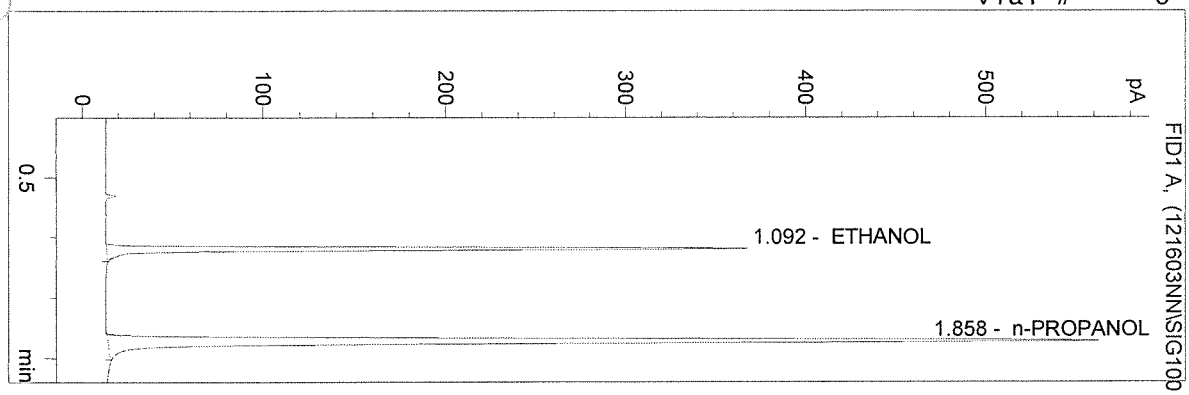
12/16/03 4:00:40 PM
Instrument 3

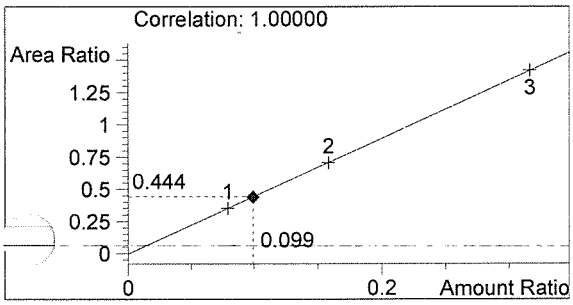
0.100 C
N Nuwayhid, PhD

vial # 6

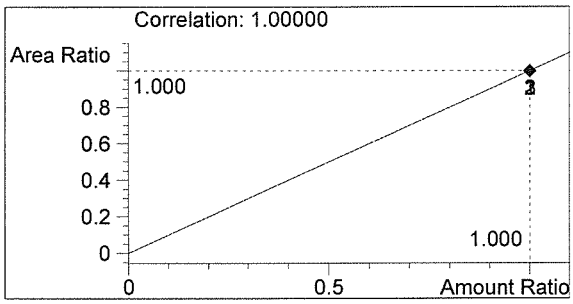


#	Compound	Area	RT
1	ETHANOL	666	1.092
2	n-PROPANOL	1501	1.858

Totals:



ETHANOL 0.099 g/100mL



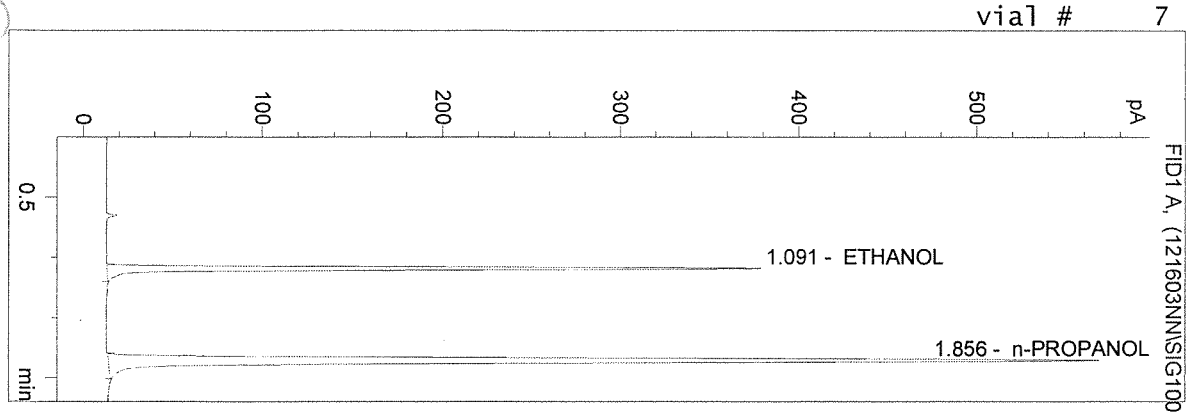
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/16/03 4:03:44 PM
Instrument 3

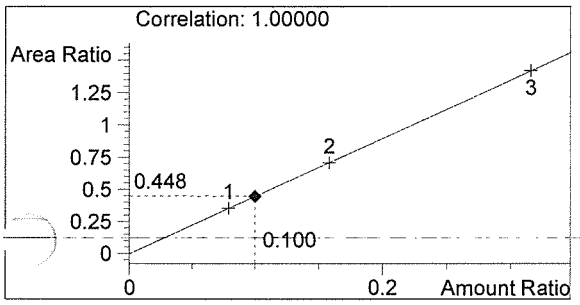
03041-1 SIM
N Nuwayhid, PhD

vial # 7

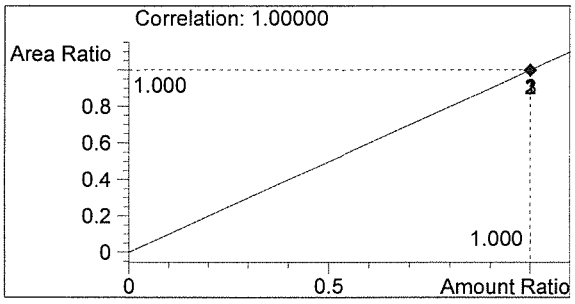


#	Compound	Area	RT
1	ETHANOL	681	1.091
2	n-PROPANOL	1520	1.856

Totals:



ETHANOL 0.100 g/100mL

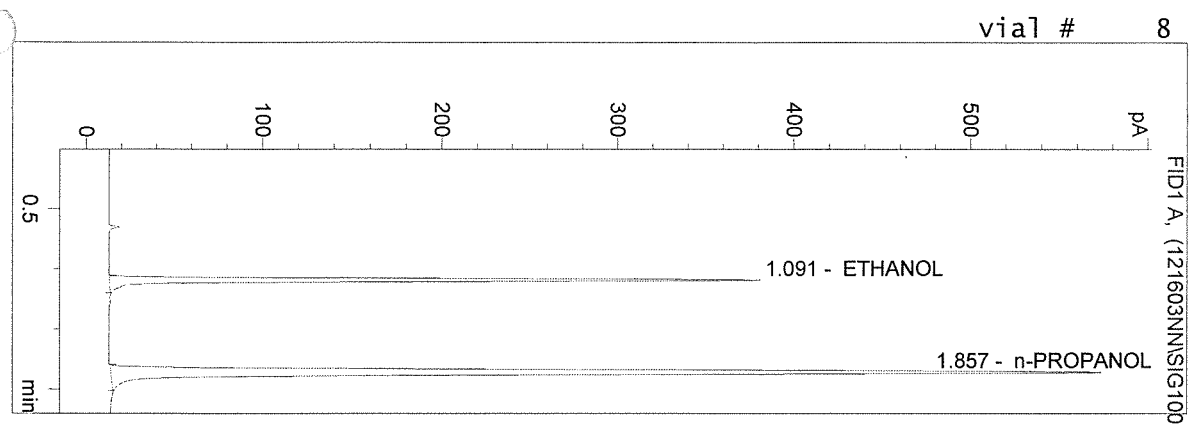


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/16/03 4:06:48 PM
Instrument 3

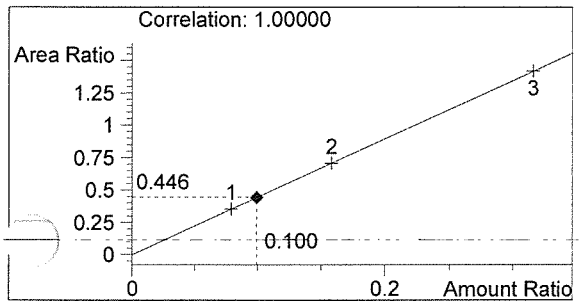
03041-2 SIM
N Nuwayhid, PhD

vial # 8

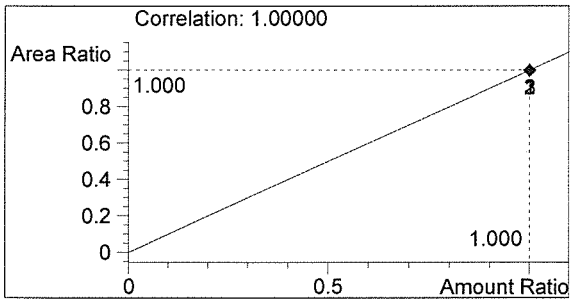


#	Compound	Area	RT
1	ETHANOL	685	1.091
2	n-PROPANOL	1536	1.857

Totals:



ETHANOL 0.100 g/100mL

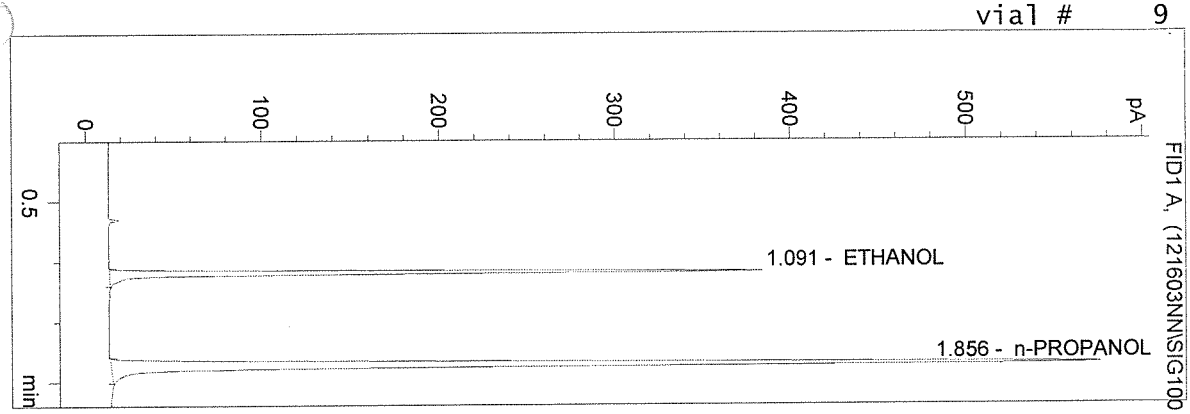


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
12/16/03 4:10:06 PM
Instrument 3

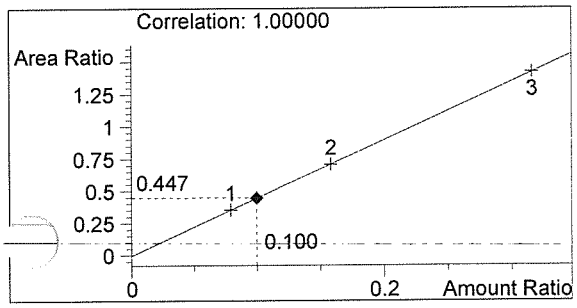
03041-3 SIM
N Nuwayhid, PhD

vial # 9

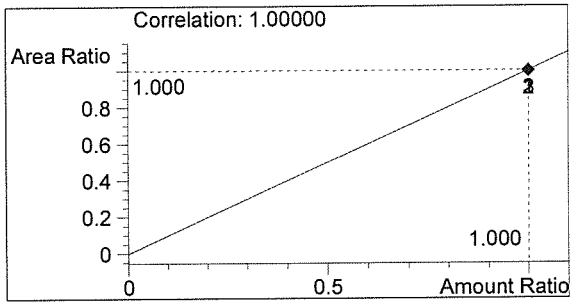


#	Compound	Area	RT
1	ETHANOL	687	1.091
2	n-PROPANOL	1538	1.856

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

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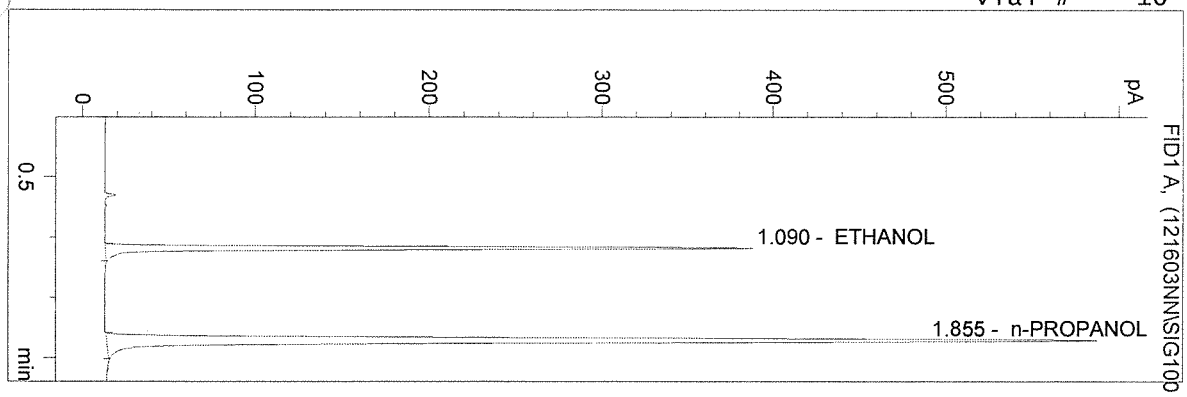
Instrument 3

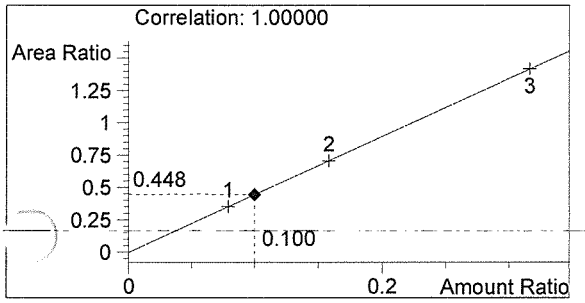
03041-4 SIM
N Nuwayhid, PhD

vial # 10

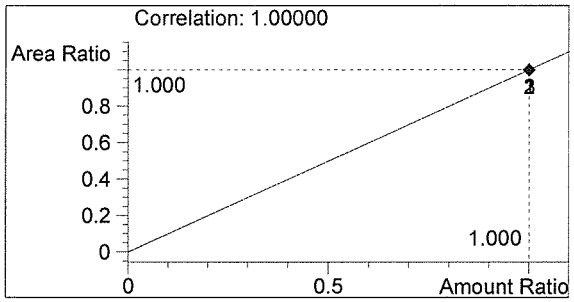


#	Compound	Area	RT
1	ETHANOL	705	1.090
2	n-PROPANOL	1574	1.855

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

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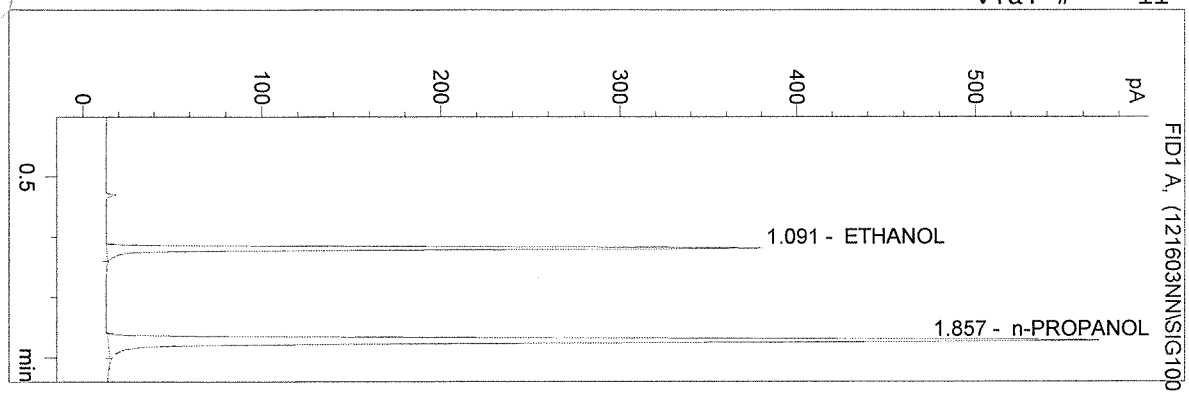
Instrument 3

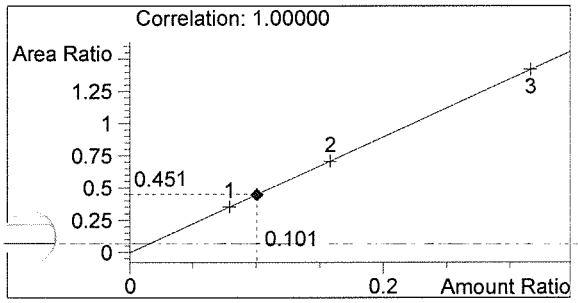
03041-5 SIM
N Nuwayhid, PhD

vial # 11

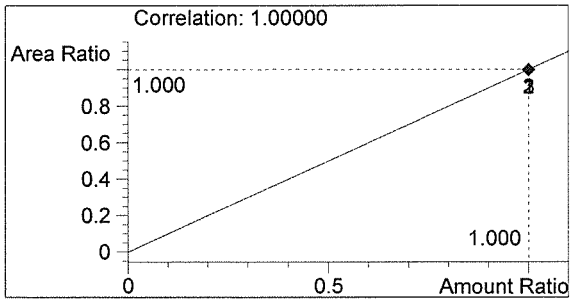


#	Compound	Area	RT
1	ETHANOL	686	1.091
2	n-PROPANOL	1520	1.857

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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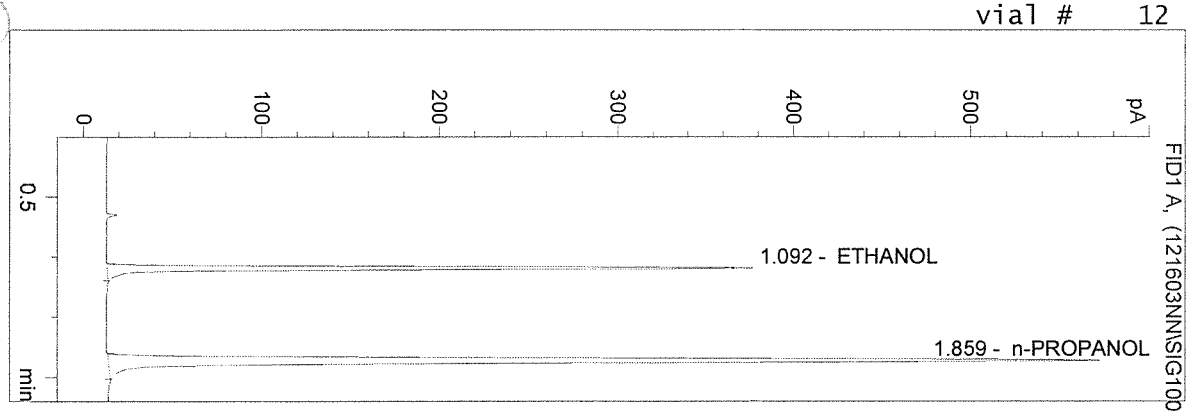
Instrument 3

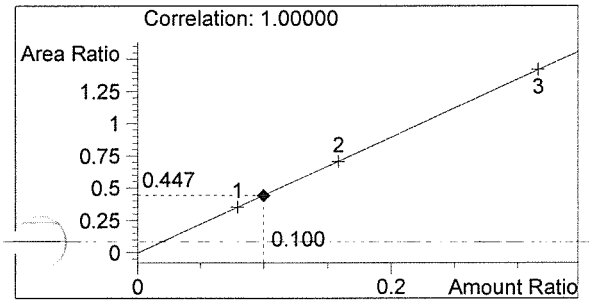
CTRL 0.100
N Nuwayhid, PhD

vial # 12

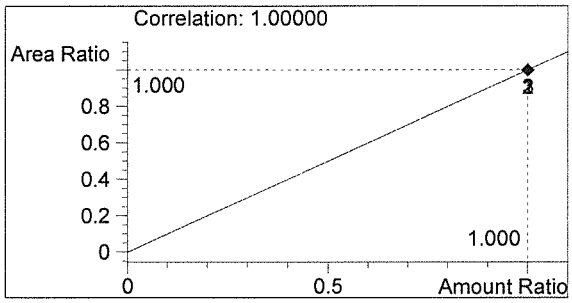


#	Compound	Area	RT
1	ETHANOL	681	1.092
2	n-PROPANOL	1524	1.859

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3

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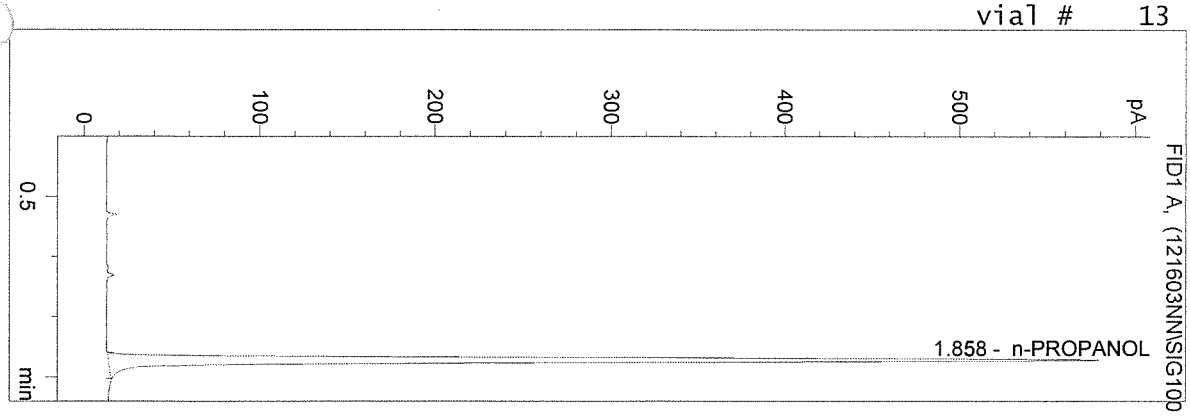
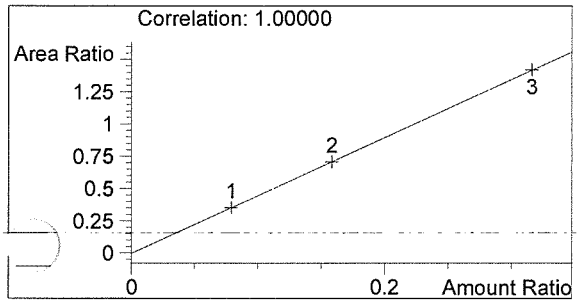
N Nuwayhid, PhD

vial # 13

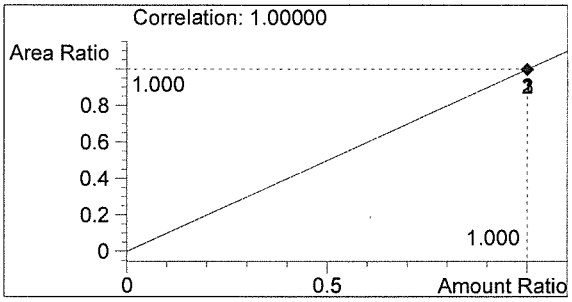


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1548	1.858

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 2
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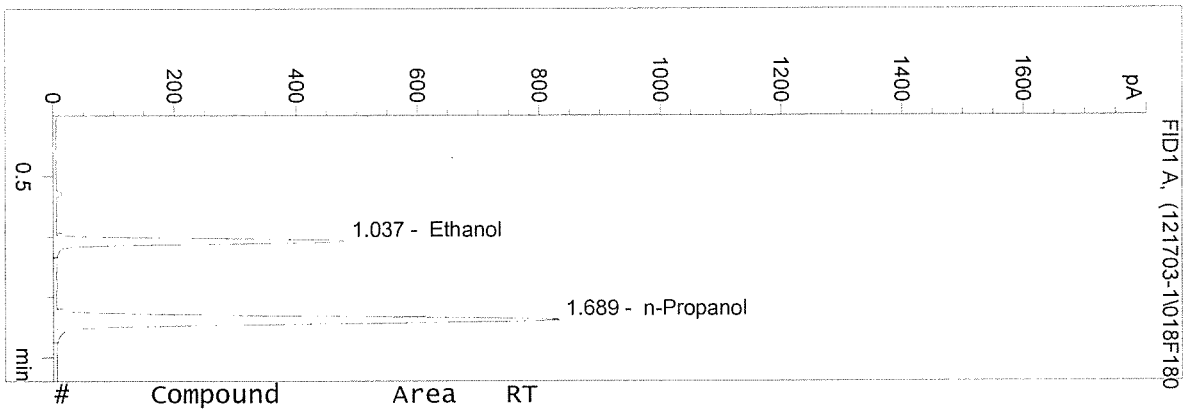
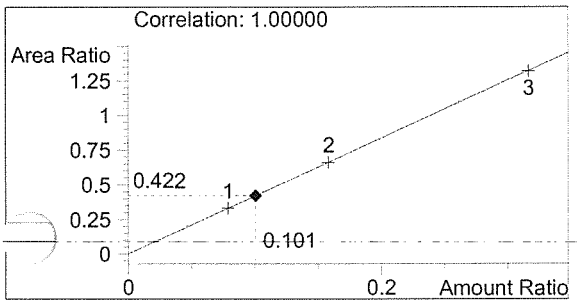
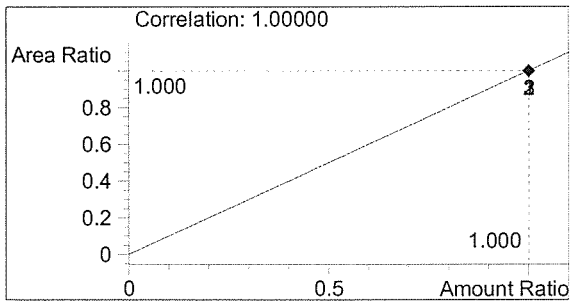
vial # 18



#	Compound	Area	RT
1	Ethanol	1485	1.037
2	n-Propanol	3520	1.689
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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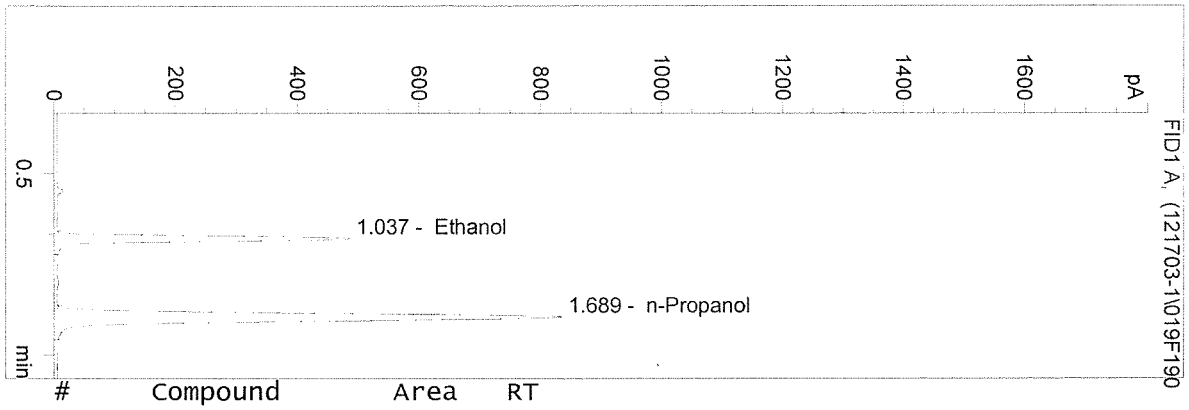
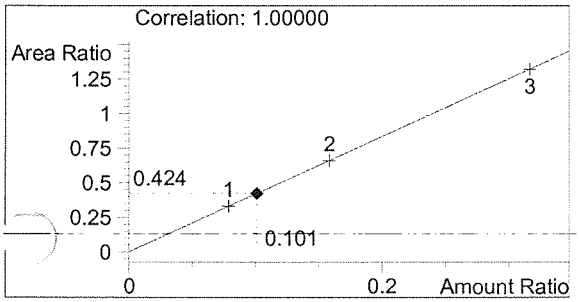
vial # 19

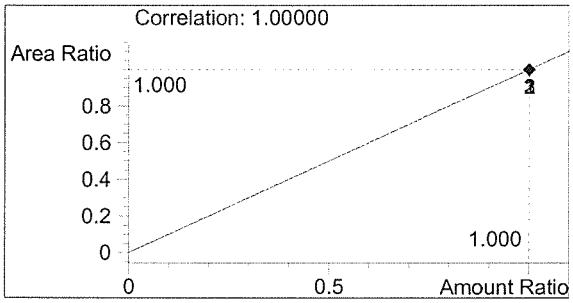


#	Compound	Area	RT
1	Ethanol	1497	1.037
2	n-Propanol	3531	1.689

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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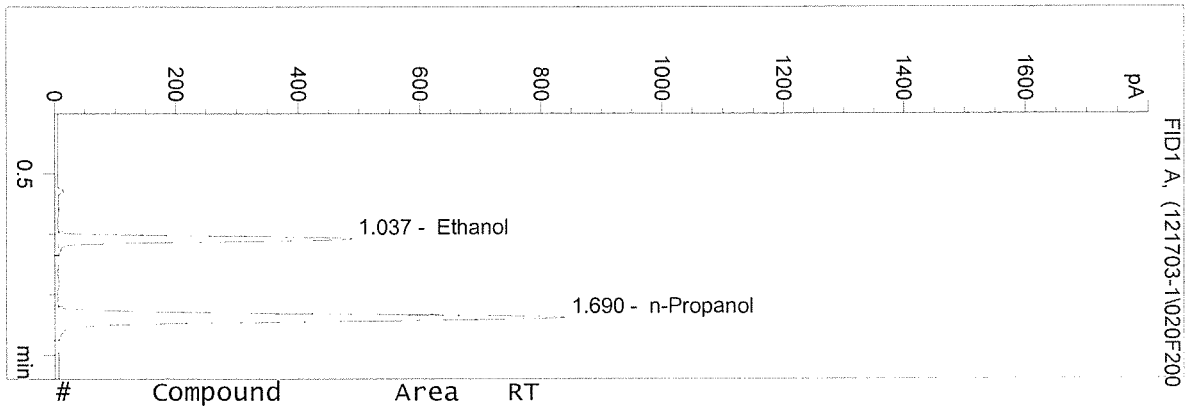
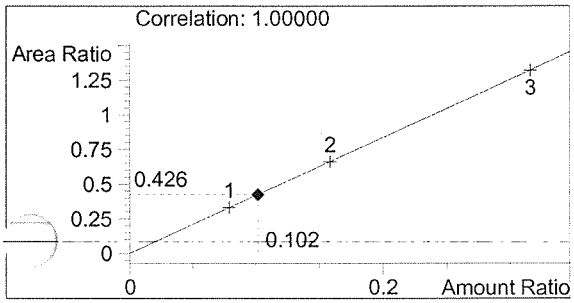
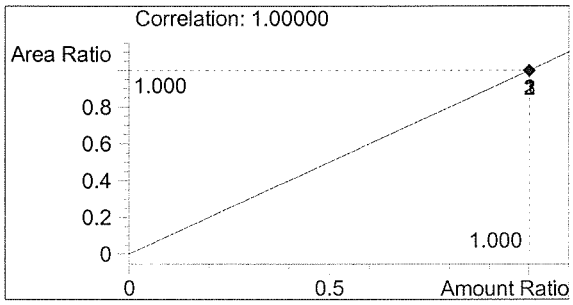
vial # 20



#	Compound	Area	RT
1	Ethanol	1508	1.037
2	n-Propanol	3540	1.690
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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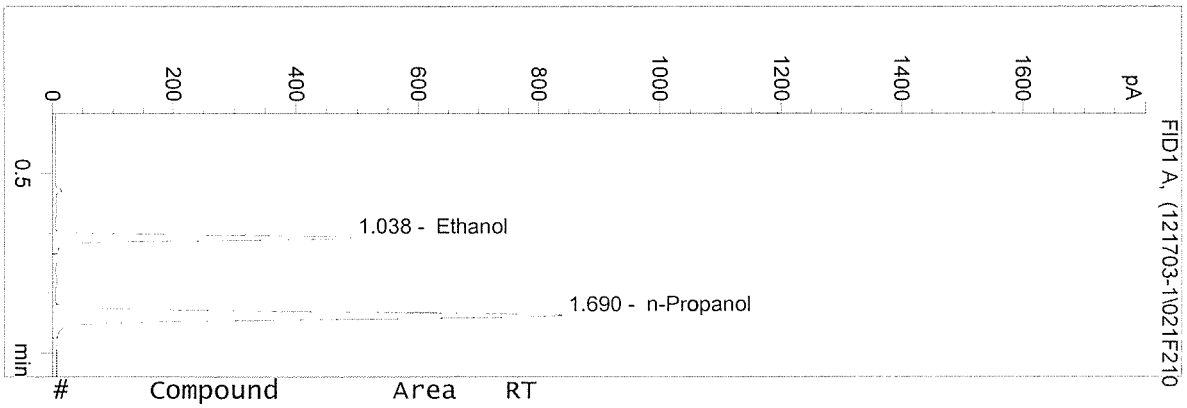
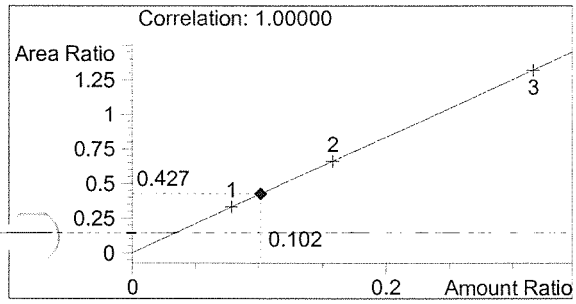
vial # 21

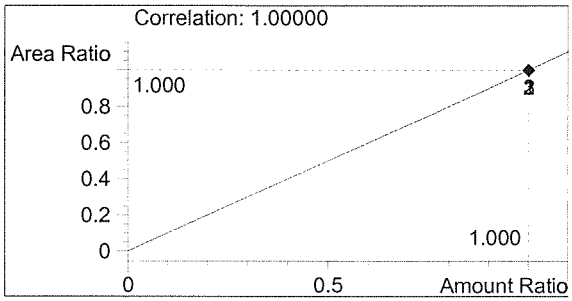


#	Compound	Area	RT
1	Ethanol	1509	1.038
2	n-Propanol	3534	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DB-ALC1

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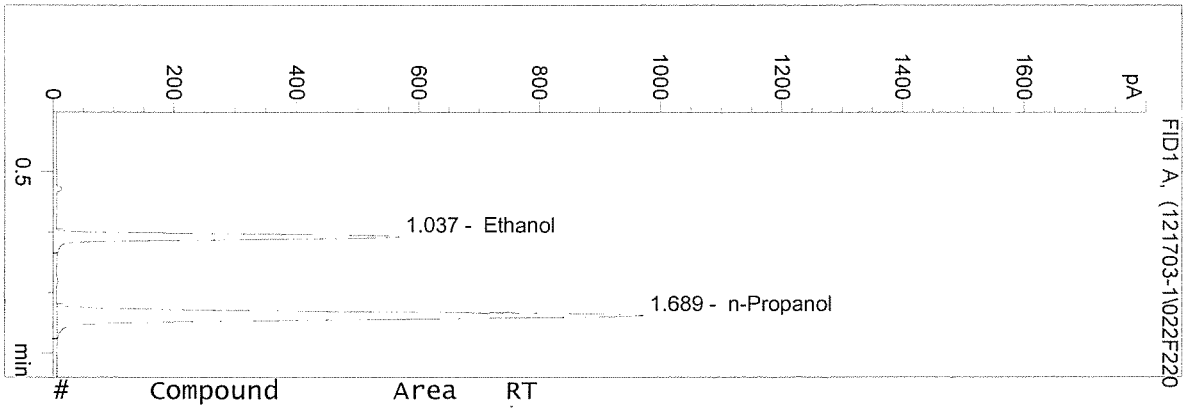
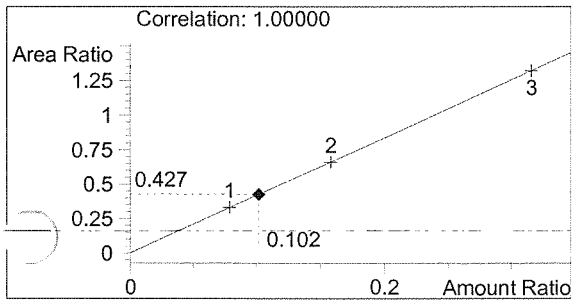
mary wilson

vial # 22

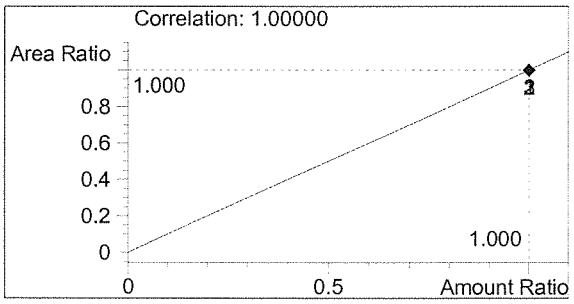


#	Compound	Area	RT
1	Ethanol	1754	1.037
2	n-Propanol	4107	1.689

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DR-ALC1

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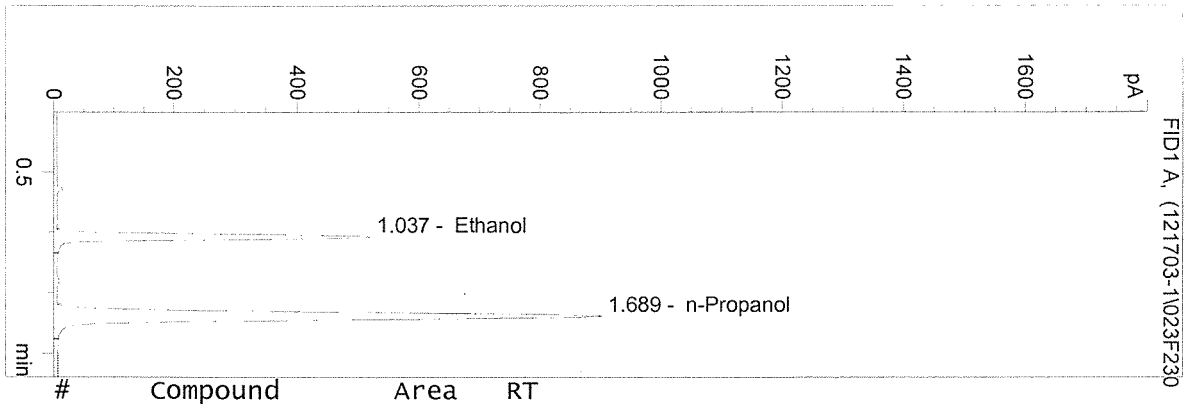
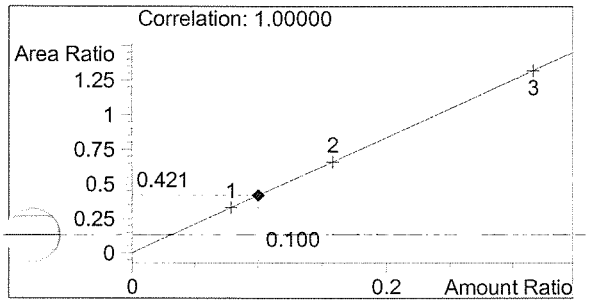
mary wilson

vial # 23

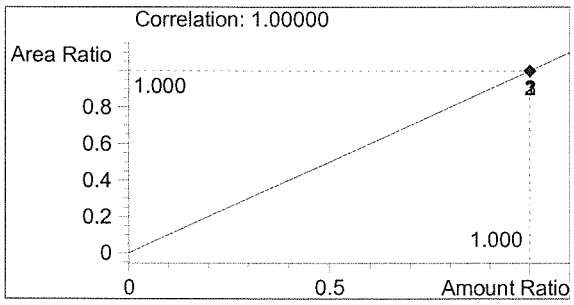


#	Compound	Area	RT
1	Ethanol	1601	1.037
2	n-Propanol	3806	1.689

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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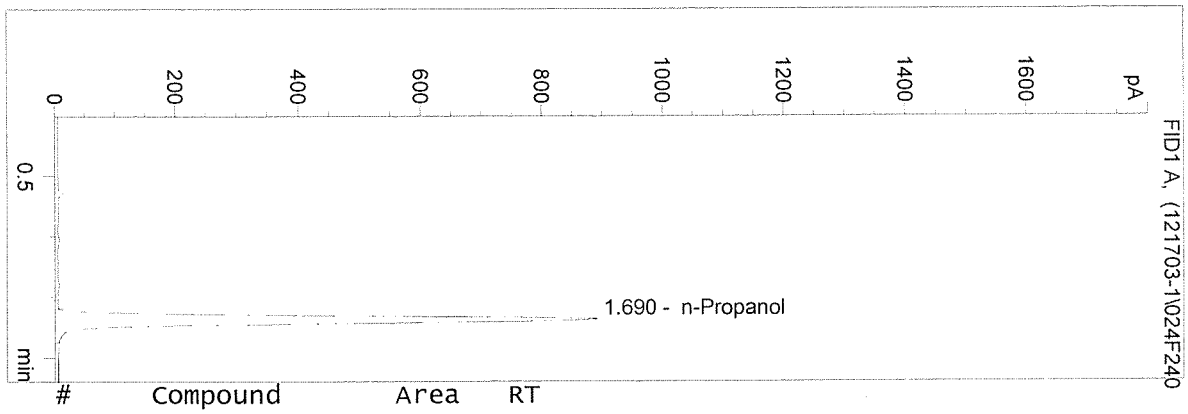
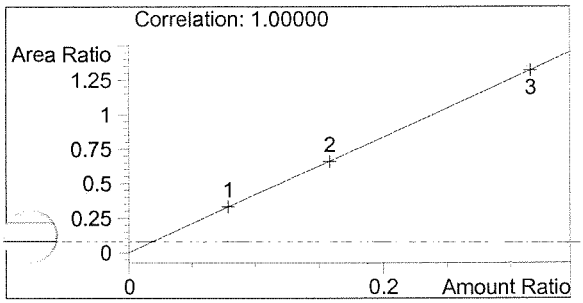
mary wilson

vial # 24

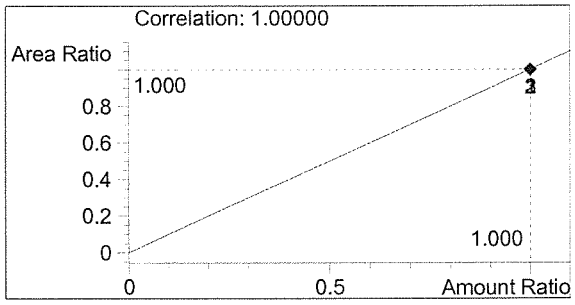


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3769	1.690

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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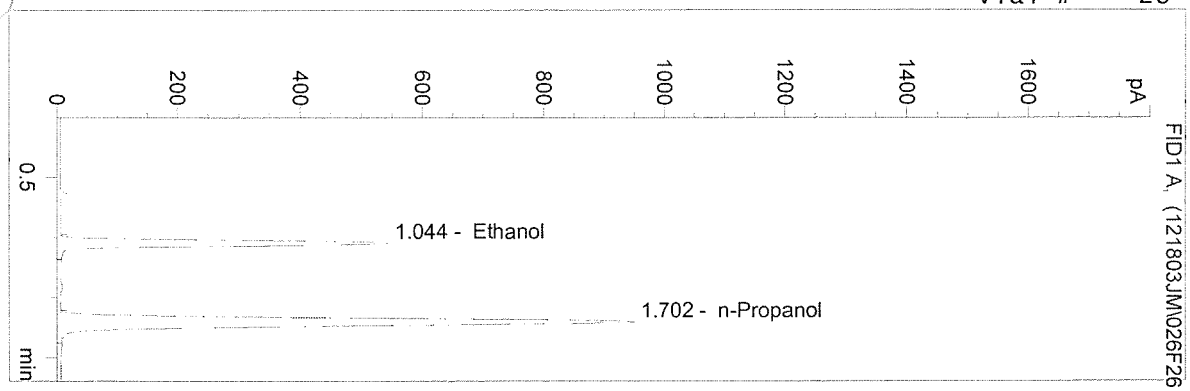
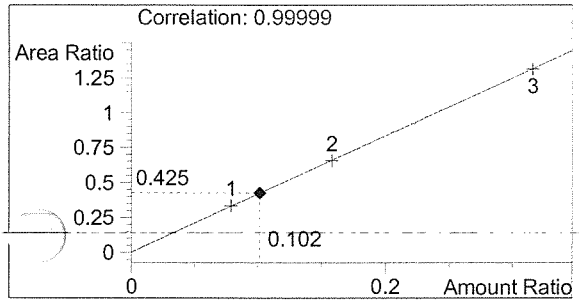
Instrument 1
DB-ALC1

Sim. Sol. 03041
Estuardo J. Miranda

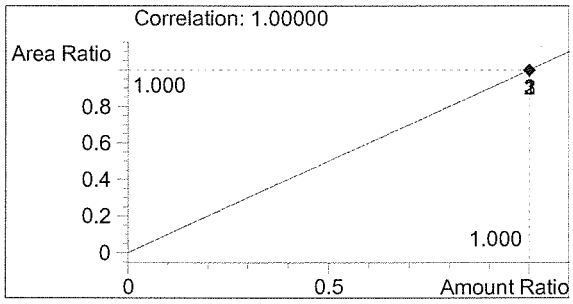
vial # 26



#	Compound	Area	RT
1	Ethanol	1722	1.044
2	n-Propanol	4053	1.702
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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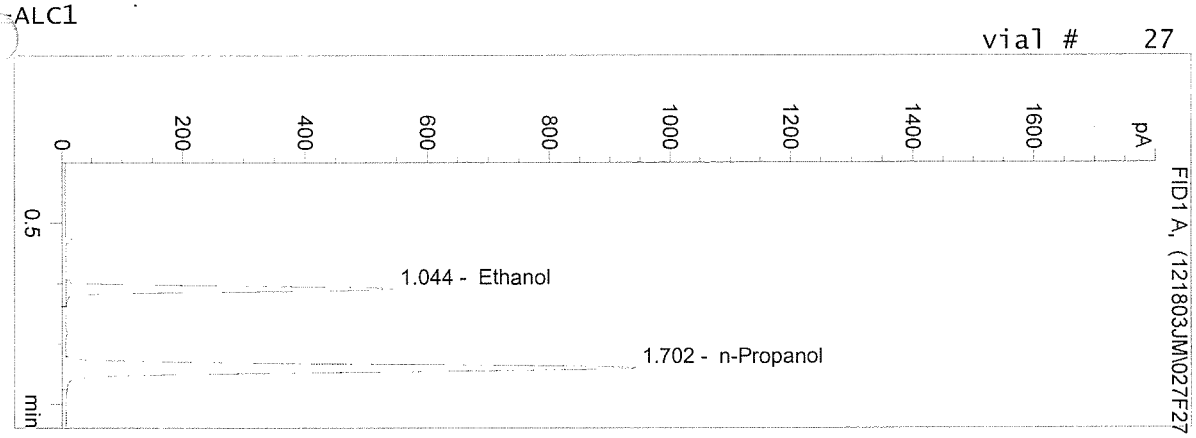
Instrument 1
DR-ALC1

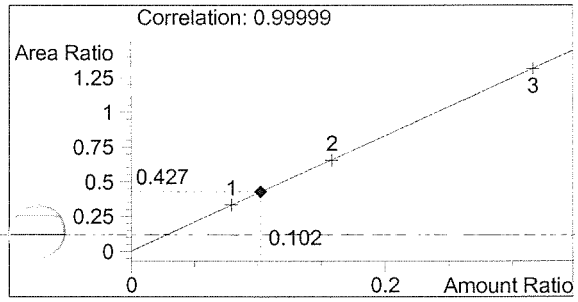
Sim. Sol. 03041
Estuardo J. Miranda

vial # 27

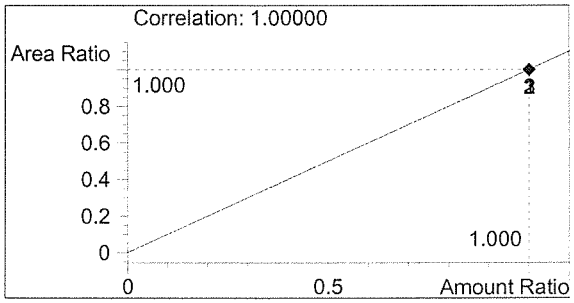


#	Compound	Area	RT
1	Ethanol	1723	1.044
2	n-Propanol	4034	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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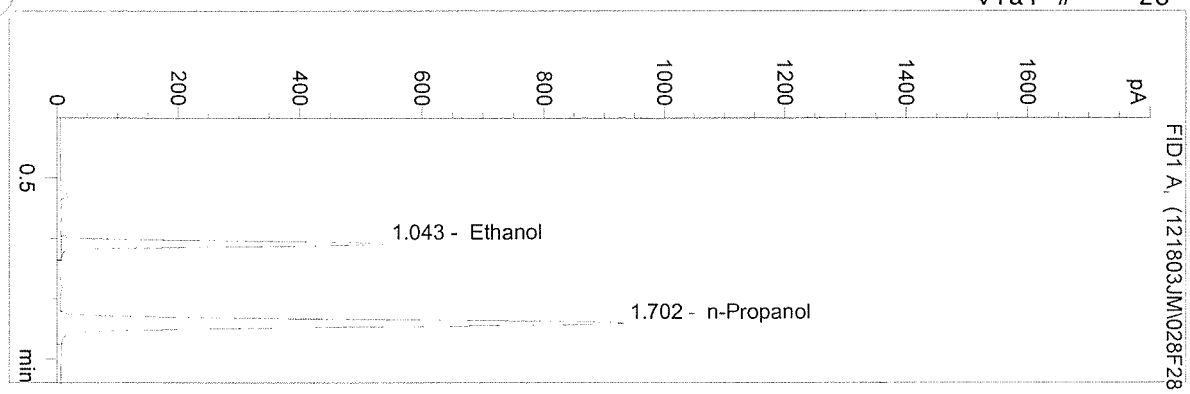
Instrument 1
DRALC1

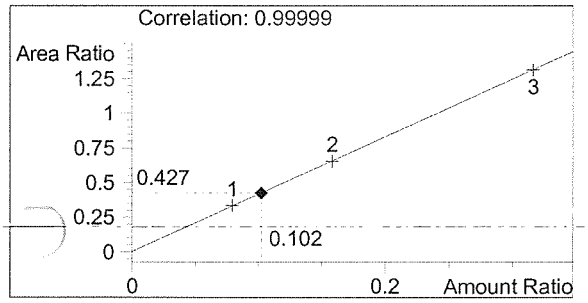
Sim. Sol. 03041
Estuardo J. Miranda

vial # 28

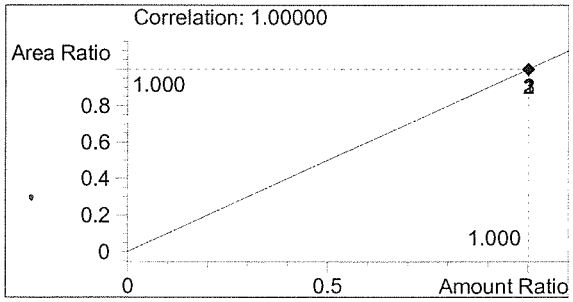


#	Compound	Area	RT
1	Ethanol	1695	1.043
2	n-Propanol	3975	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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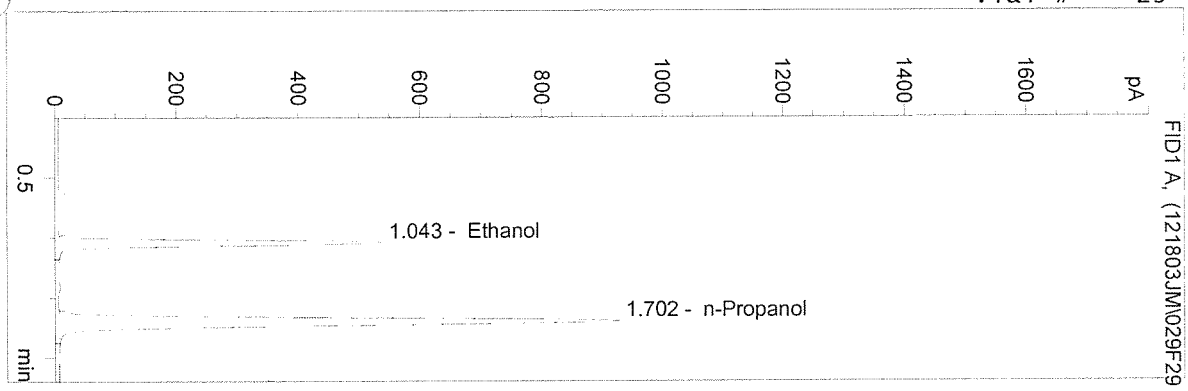
Instrument 1
DB-ALC1

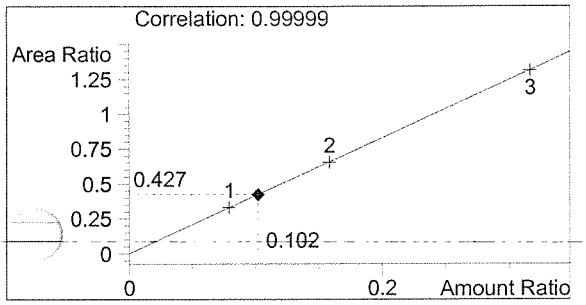
Sim. Sol. 03041
Estuardo J. Miranda

vial # 29

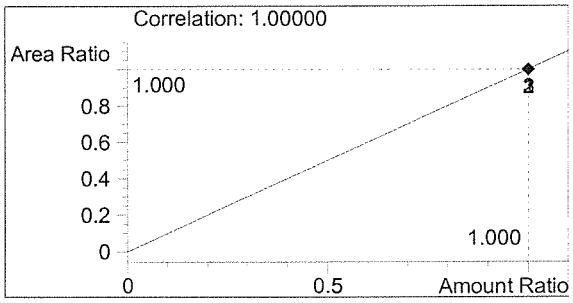


#	Compound	Area	RT
1	Ethanol	1692	1.043
2	n-Propanol	3967	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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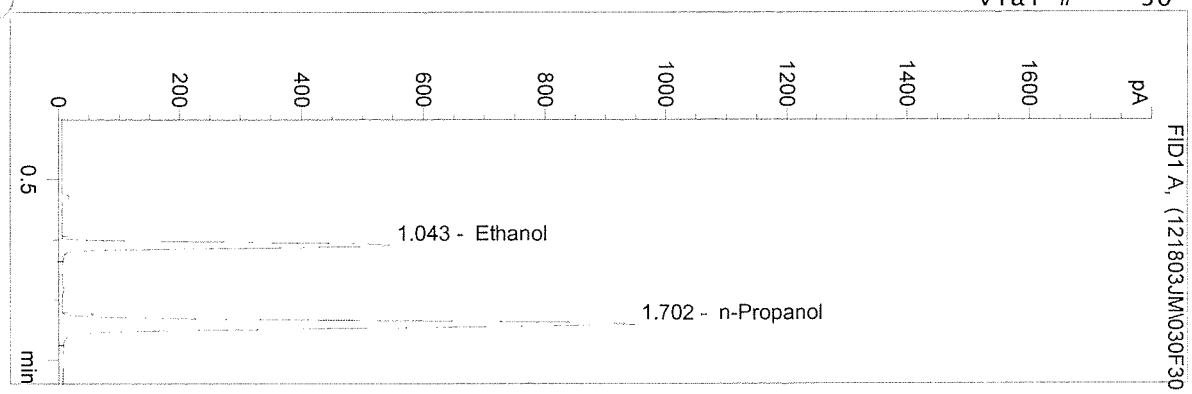
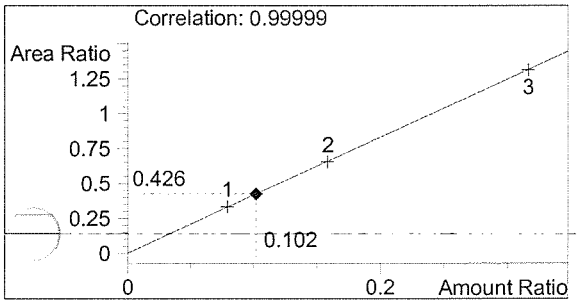
Instrument 1
DB-ALC1

Sim. Sol. 03041
Estuardo J. Miranda

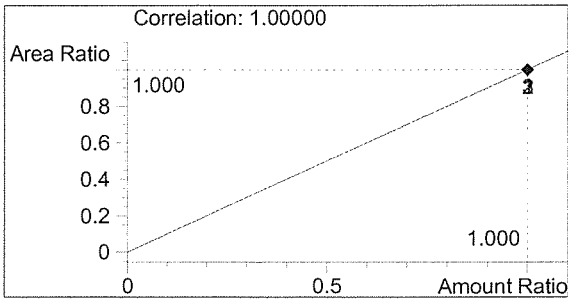
vial # 30



#	Compound	Area	RT
1	Ethanol	1725	1.043
2	n-Propanol	4050	1.702
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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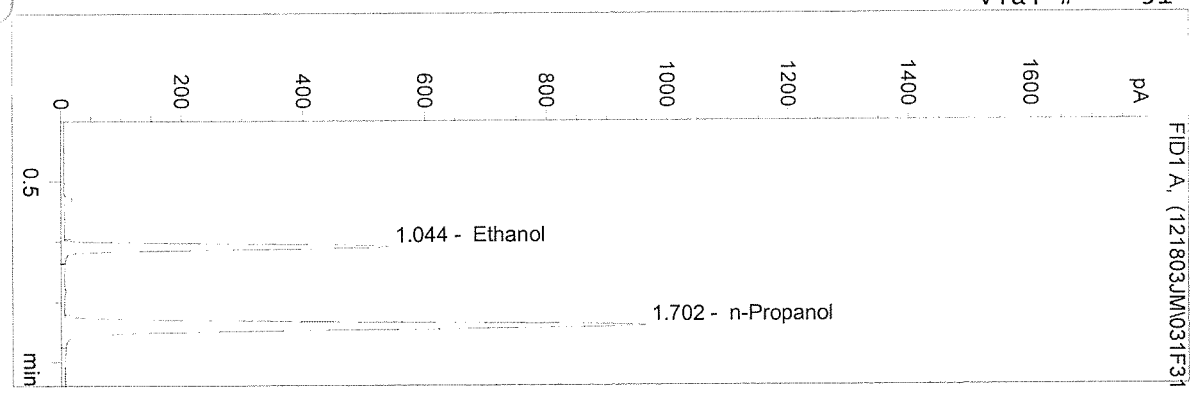
12/18/03 3:58:52 PM
Instrument 1
DB-ALC1

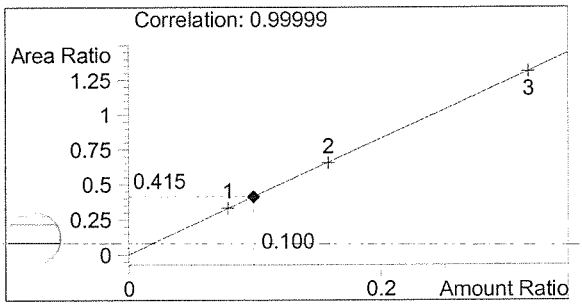
0.100 Control
Estuardo J. Miranda

vial # 31

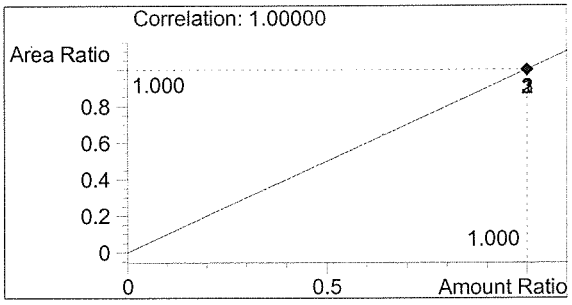


#	Compound	Area	RT
1	Ethanol	1708	1.044
2	n-Propanol	4116	1.702

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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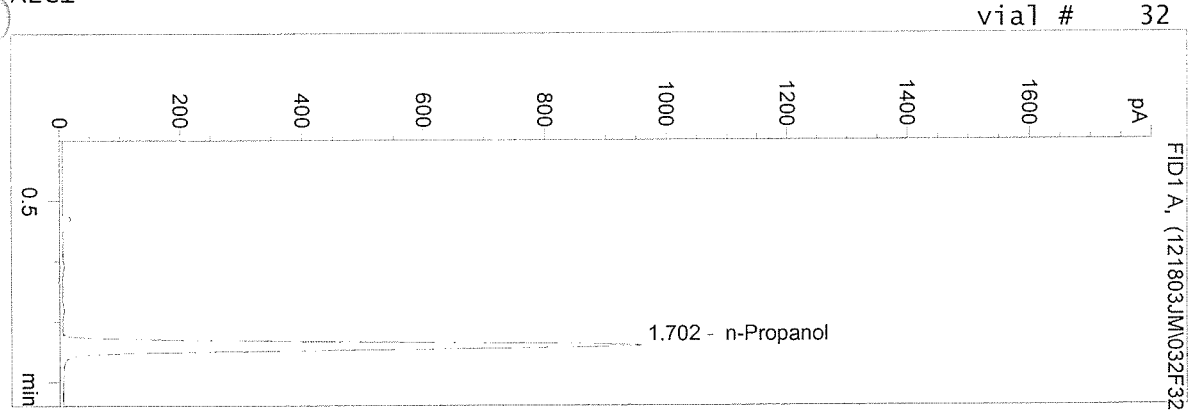
Instrument 1
DB-ALC1

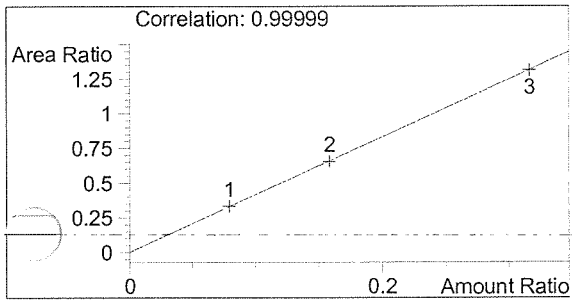
Blank
Estuardo J. Miranda

vial # 32

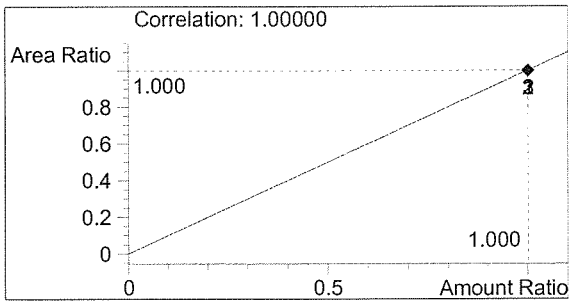


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4097	1.702

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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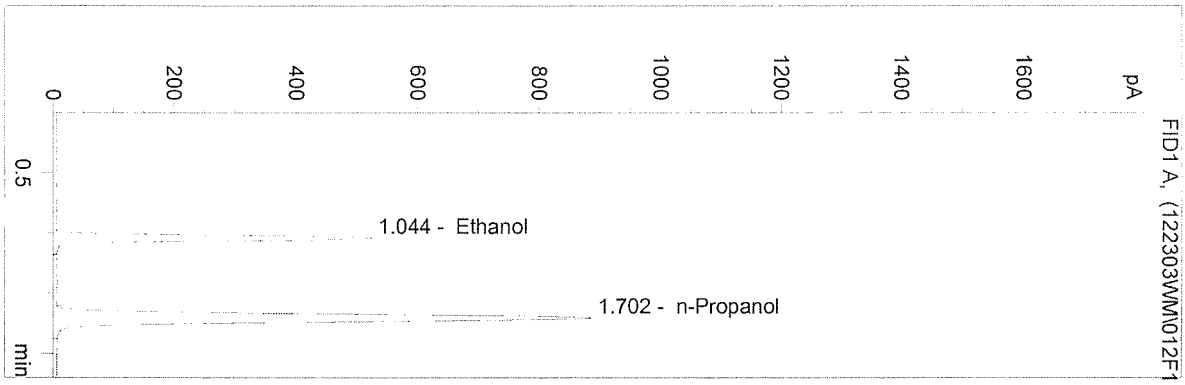
12/23/03 8:08:20 AM
Instrument 1
DB-ALC1

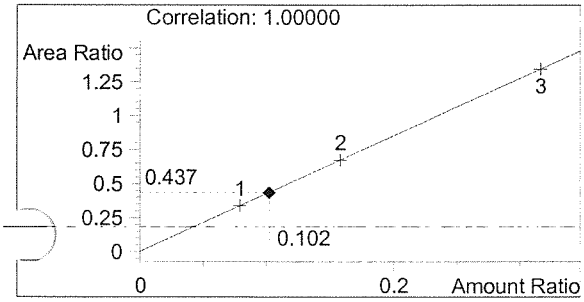
SIM 03041
WP MARSHALL

vial # 12

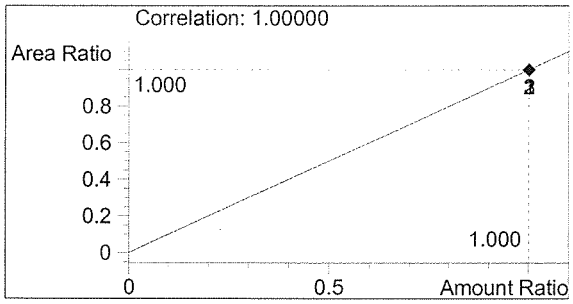


#	Compound	Area	RT
1	Ethanol	1646	1.044
2	n-Propanol	3770	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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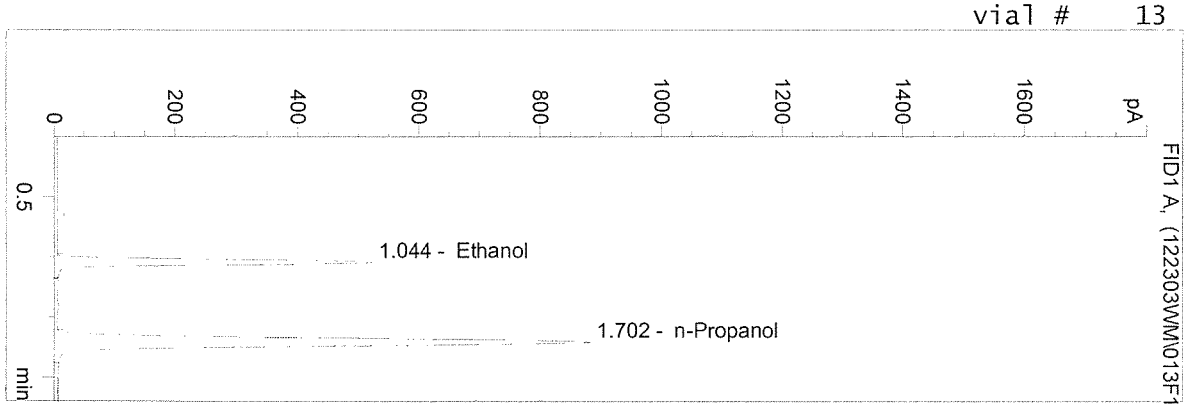
Instrument 1
DB-ALC1

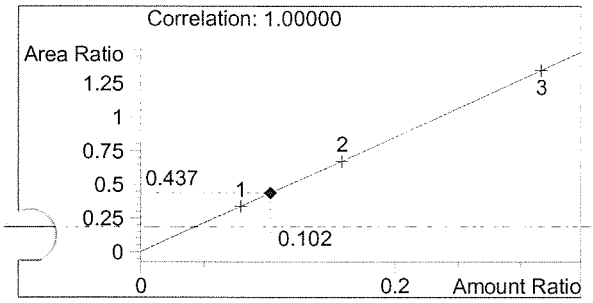
SIM 03041
WP MARSHALL

vial # 13

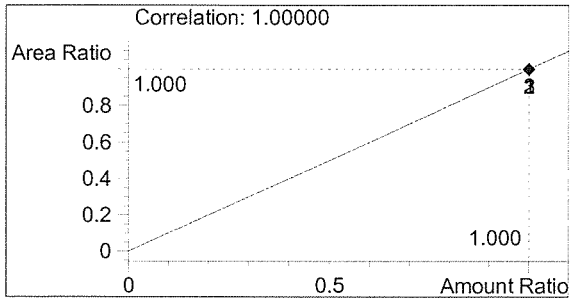


#	Compound	Area	RT
1	Ethanol	1645	1.044
2	n-Propanol	3760	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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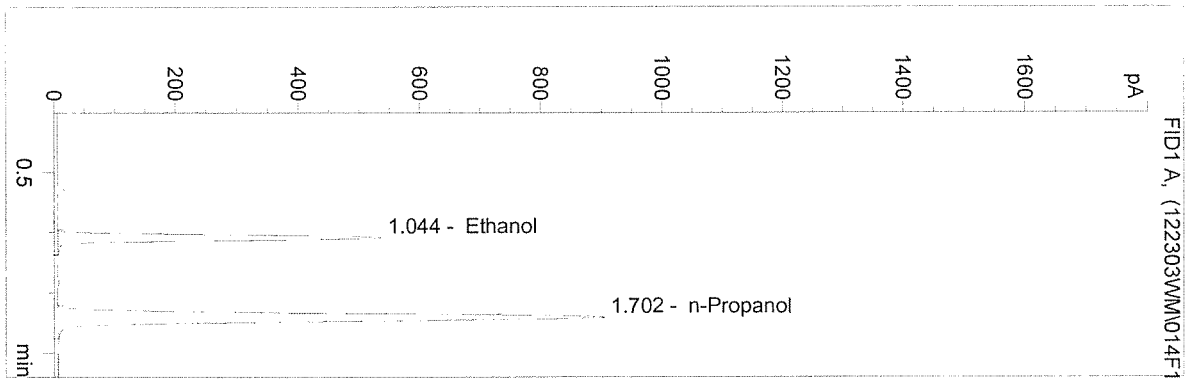
Instrument 1
DB-ALC1

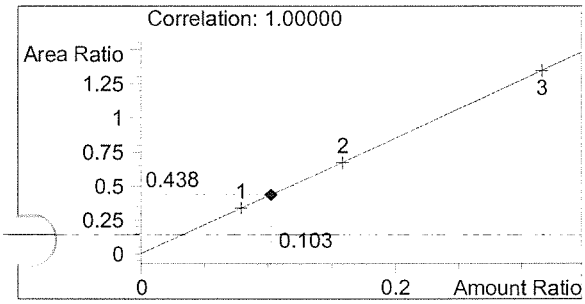
SIM 03041
WP MARSHALL

vial # 14

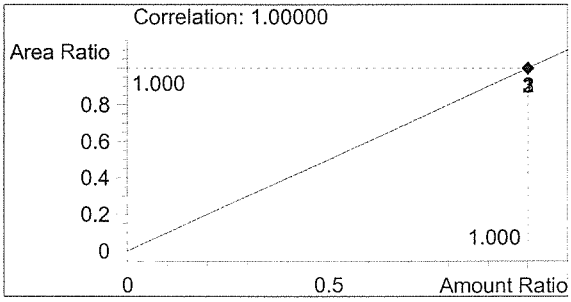


#	Compound	Area	RT
1	Ethanol	1688	1.044
2	n-Propanol	3856	1.702

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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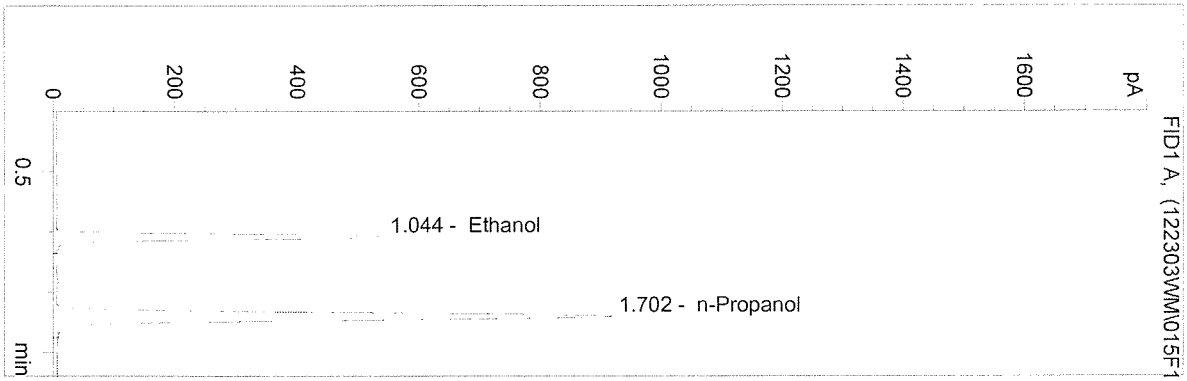
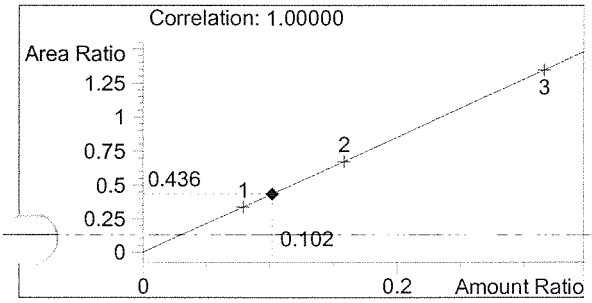
Instrument 1
DB-ALC1

SIM 03041
WP MARSHALL

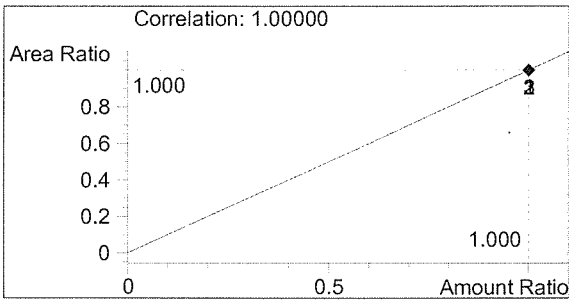
vial # 15



#	Compound	Area	RT
1	Ethanol	1706	1.044
2	n-Propanol	3917	1.702
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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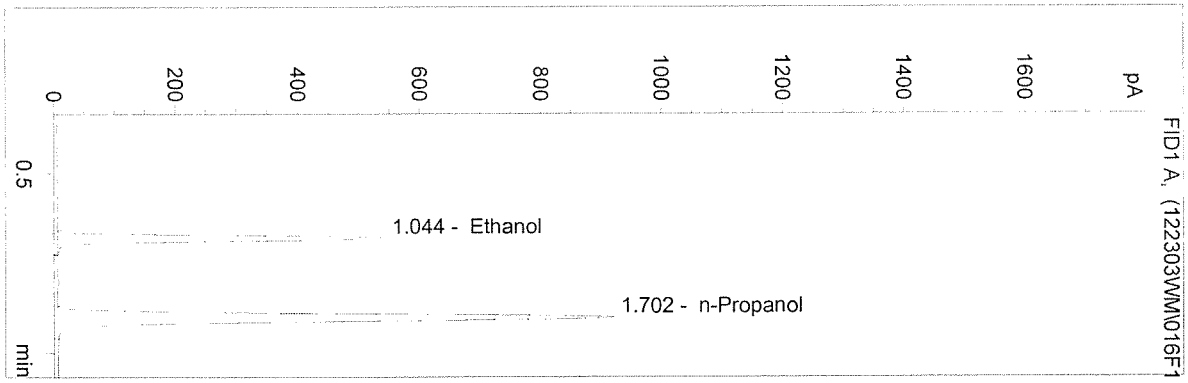
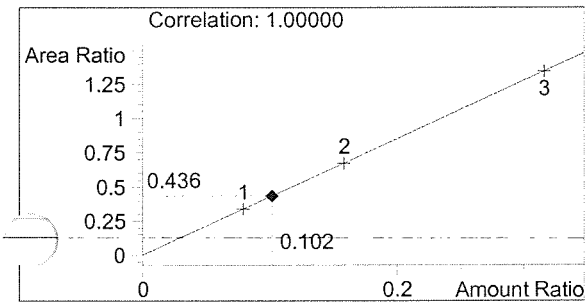
Instrument 1
DB-ALC1

SIM 03041
WP MARSHALL

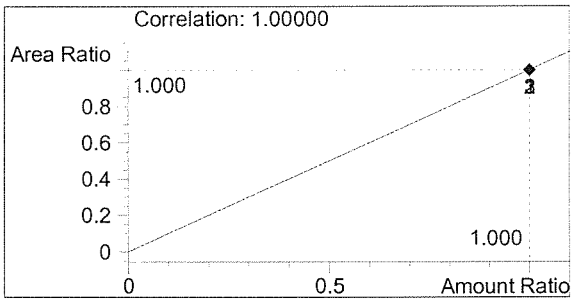
vial # 16



#	Compound	Area	RT
1	Ethanol	1713	1.044
2	n-Propanol	3928	1.702
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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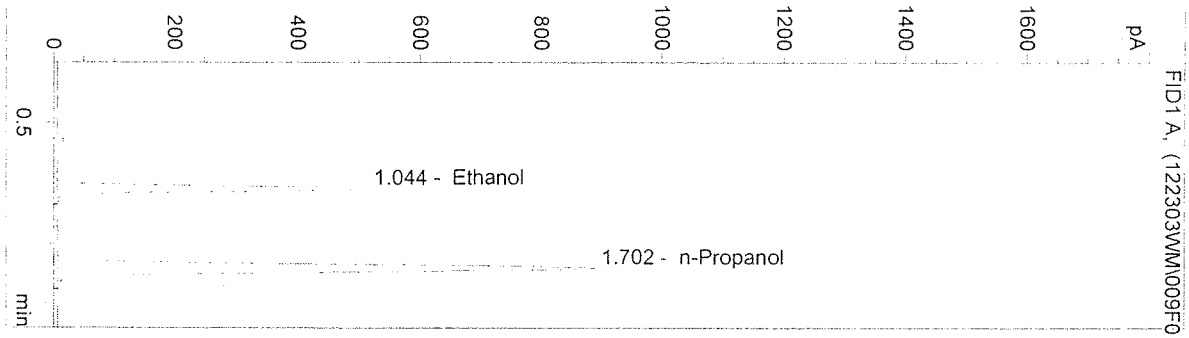
12/23/03 7:59:04 AM
Instrument 1
DB-ALC1

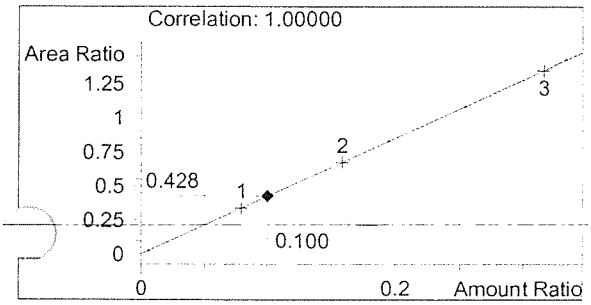
CONTROL 0.10 WM
WP MARSHALL

vial # 9

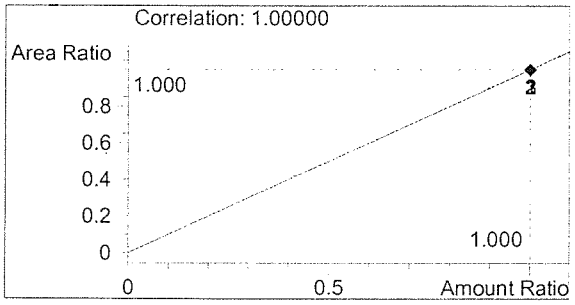


#	Compound	Area	RT
1	Ethanol	1618	1.044
2	n-Propanol	3781	1.702

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

STDS
038262

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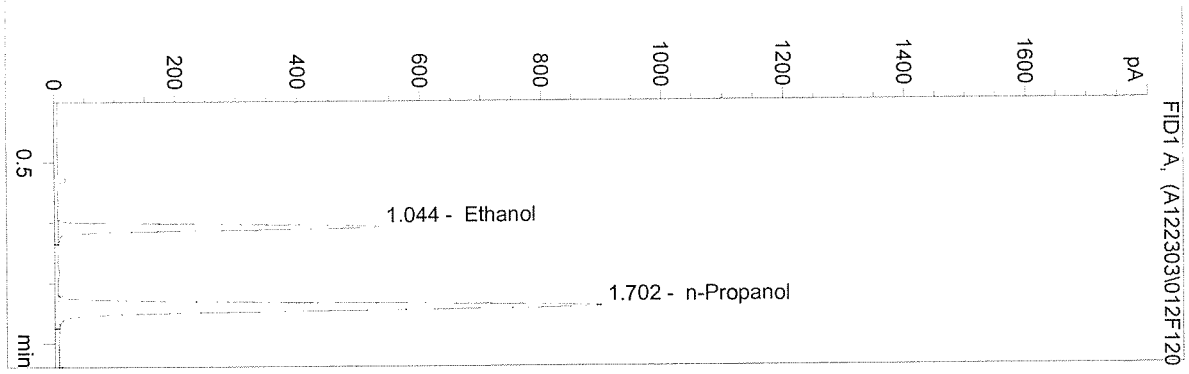
Instrument 1
BALC1

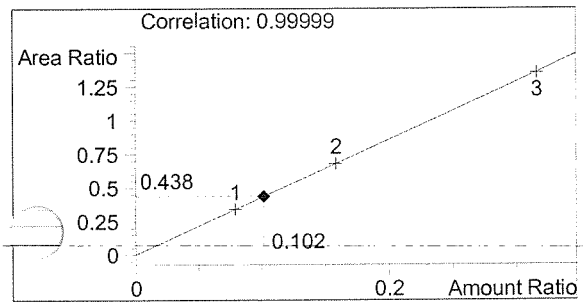
03041a
alouis

vial # 12

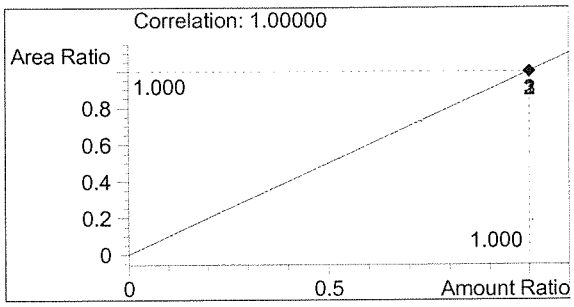


#	Compound	Area	RT
1	Ethanol	1681	1.044
2	n-Propanol	3835	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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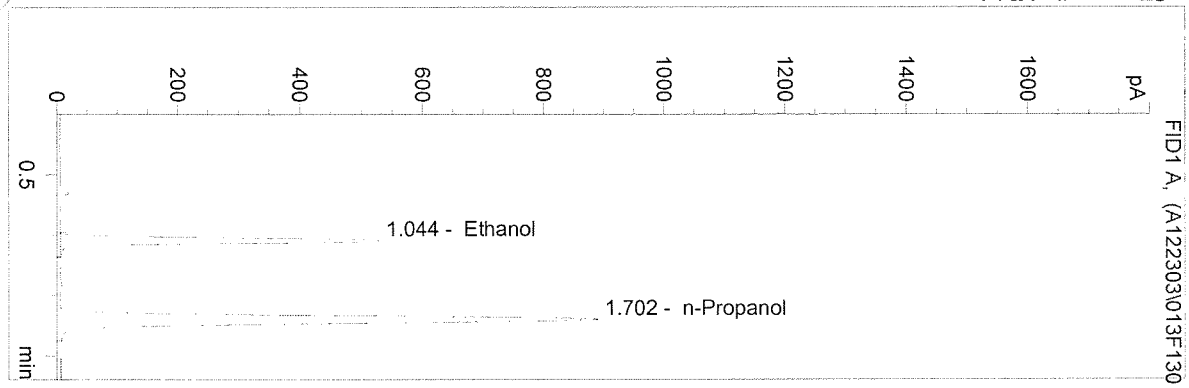
12/23/03 12:32:30 PM
Instrument 1
BLDALC1

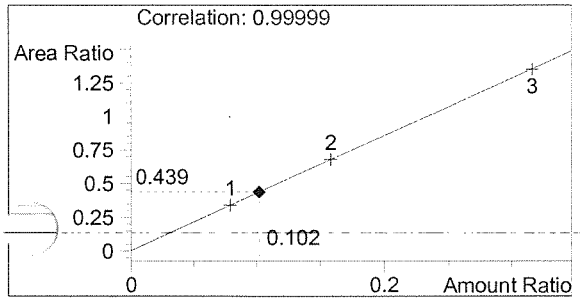
03041b
alouis

vial # 13

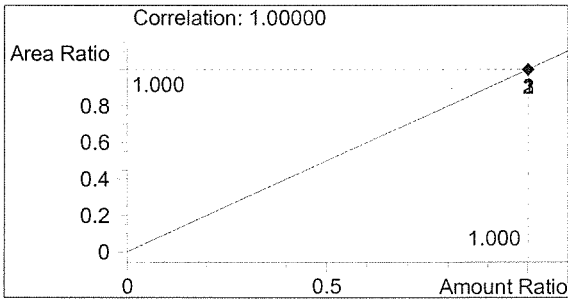


#	Compound	Area	RT
1	Ethanol	1665	1.044
2	n-Propanol	3796	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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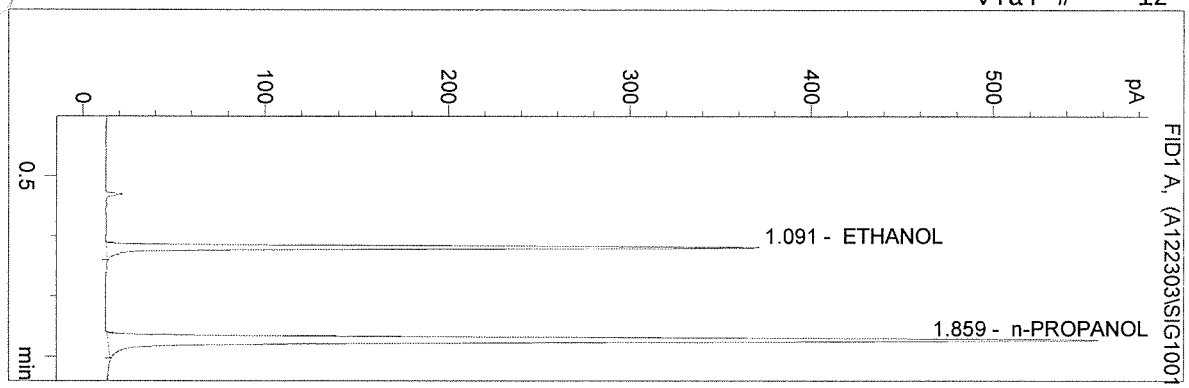
12/23/03 12:21:50 PM
Instrument 3

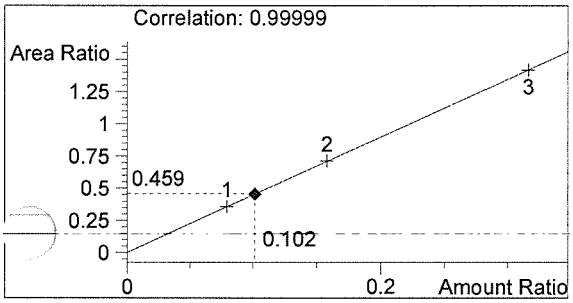
03041a
~~WP MARSHALL~~ Davis

vial # 12

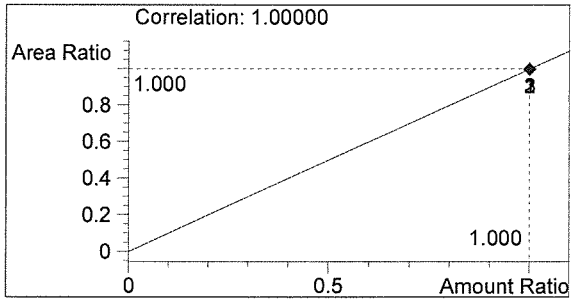


#	Compound	Area	RT
1	ETHANOL	689	1.091
2	n-PROPANOL	1502	1.859

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

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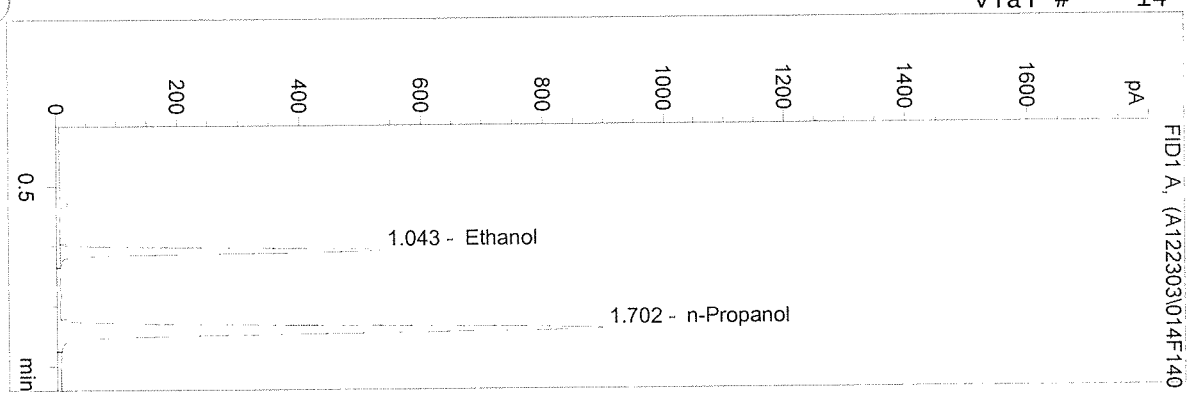
12/23/03 12:35:35 PM
Instrument 1
BLDALC1

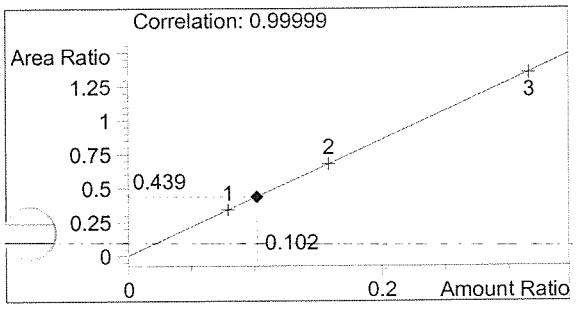
03041c
alouis

vial # 14

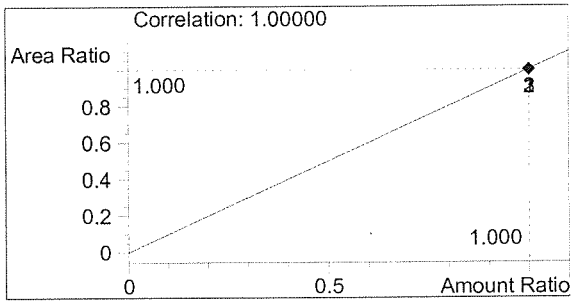


#	Compound	Area	RT
1	Ethanol	1678	1.043
2	n-Propanol	3818	1.702

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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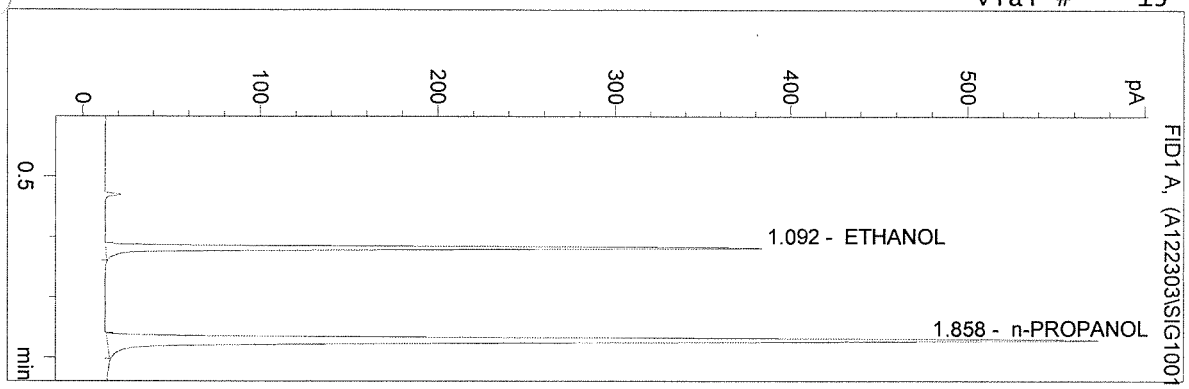
12/23/03 12:25:10 PM
Instrument 3

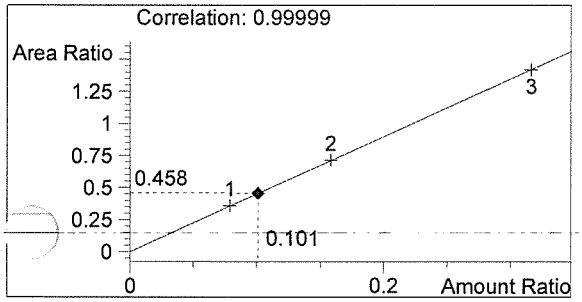
03041b
~~WP MARSHALL~~ along

vial # 13

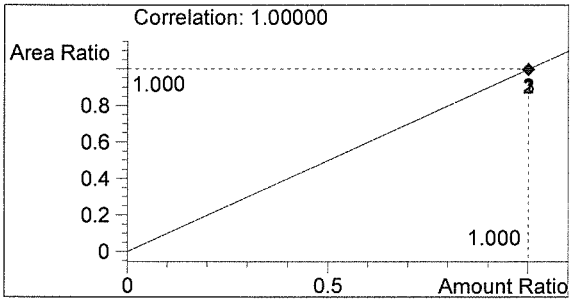


#	Compound	Area	RT
1	ETHANOL	705	1.092
2	n-PROPANOL	1539	1.858

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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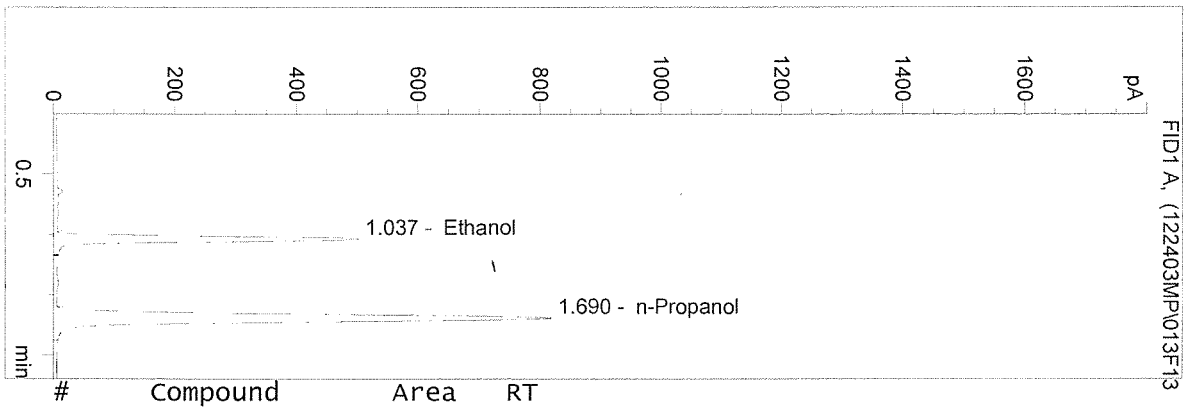
12/24/03 2:16:55 PM
Instrument 2
DP-ALC1

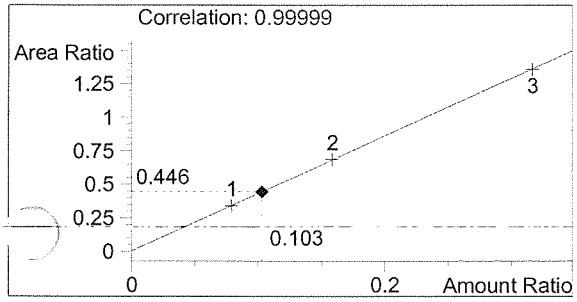
03041 sim soln
m pemberton

vial # 13

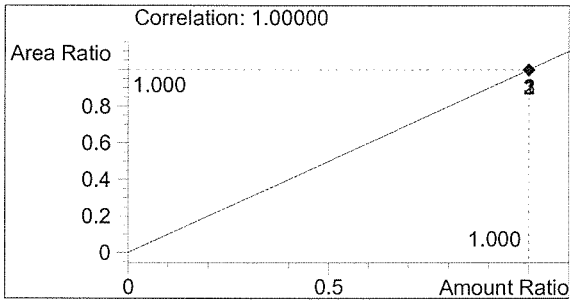


#	Compound	Area	RT
1	Ethanol	1528	1.037
2	n-Propanol	3429	1.690

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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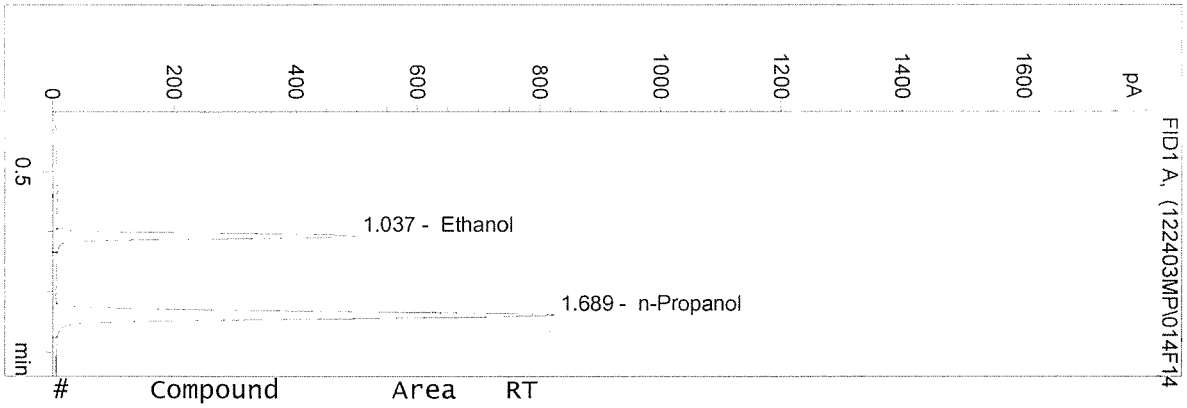
12/24/03 2:20:00 PM
Instrument 2
DB-ALC1

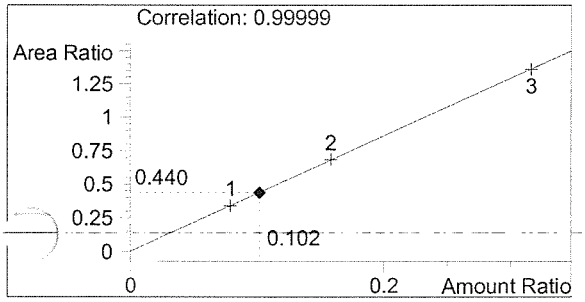
03041 sim soln
m pemberton

vial # 14

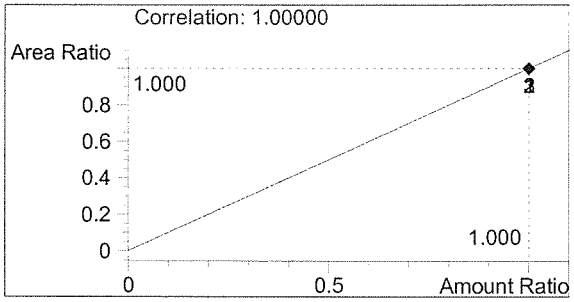


#	Compound	Area	RT
1	Ethanol	1515	1.037
2	n-Propanol	3445	1.689

Totals:



Ethanol 0.102 g/100ml



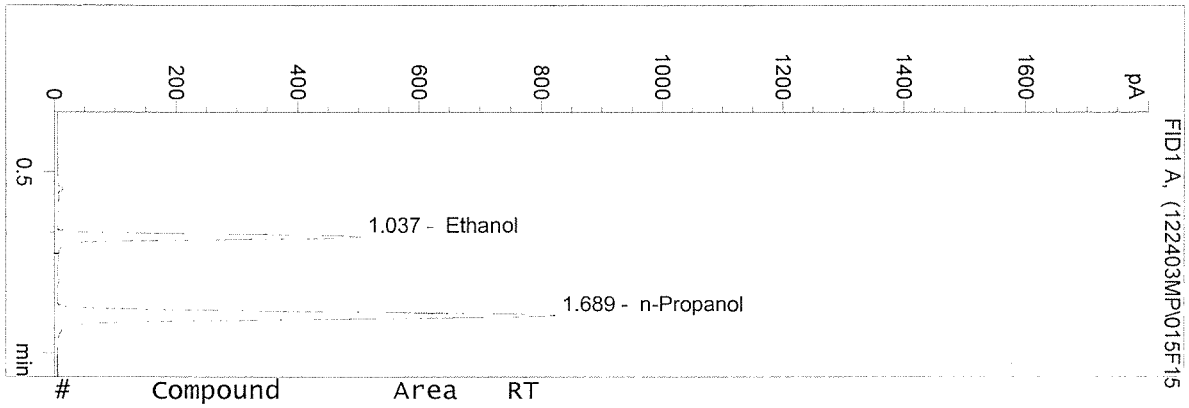
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

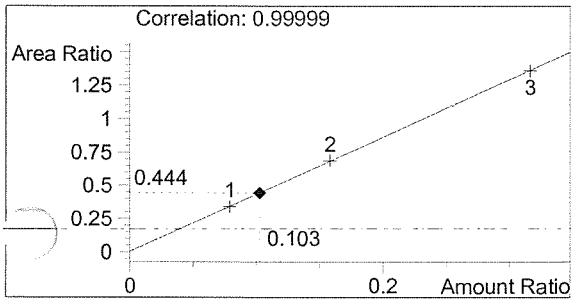
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 2:23:05 PM
Instrument 2
DB-ALC1

03041 sim soln
m pemberton

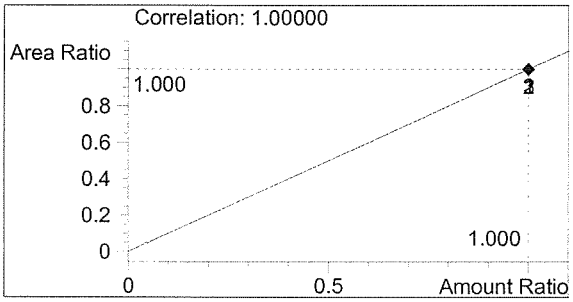
vial # 15



#	Compound	Area	RT
1	Ethanol	1533	1.037
2	n-Propanol	3451	1.689
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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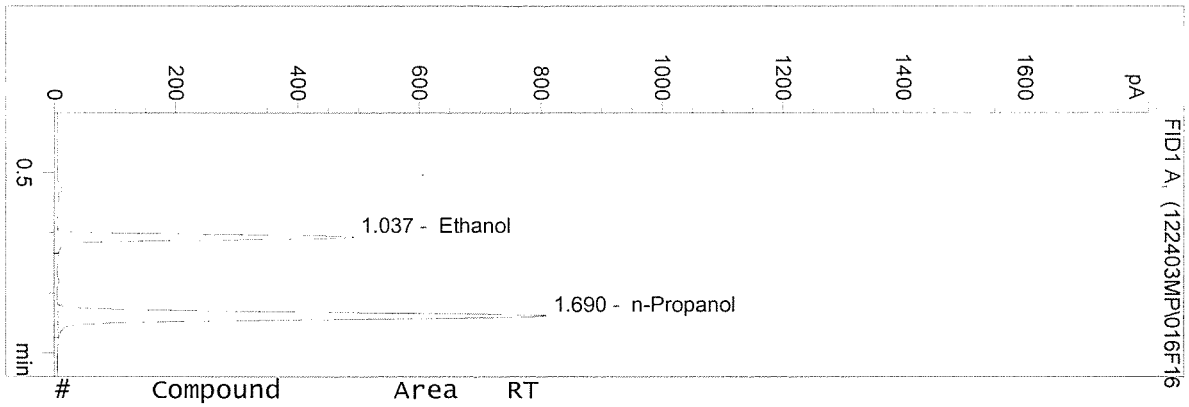
12/24/03 2:26:09 PM
Instrument 2
DB-ALC1

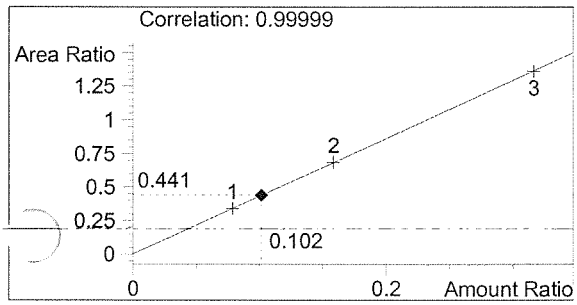
03041 sim soln
m pemberton

vial # 16

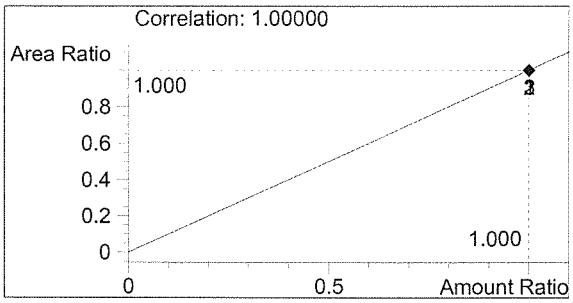


#	Compound	Area	RT
1	Ethanol	1497	1.037
2	n-Propanol	3398	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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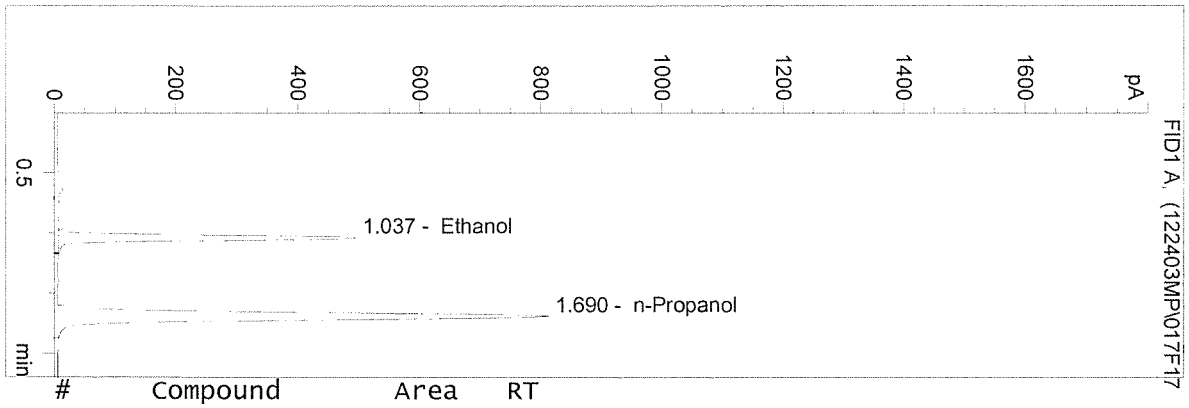
12/24/03 2:29:14 PM
Instrument 2
DB-ALC1

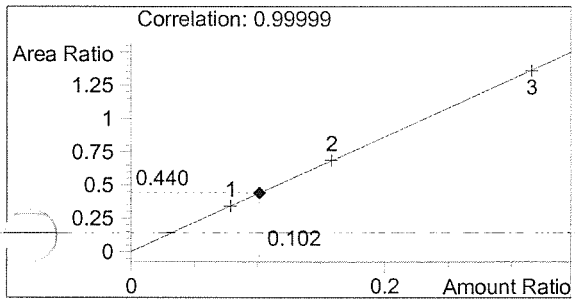
03041 sim soln
m pemberton

vial # 17

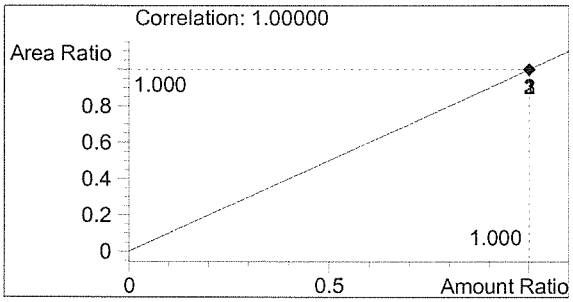


#	Compound	Area	RT
1	Ethanol	1502	1.037
2	n-Propanol	3412	1.690

Totals:



Ethanol 0.102 g/100ml



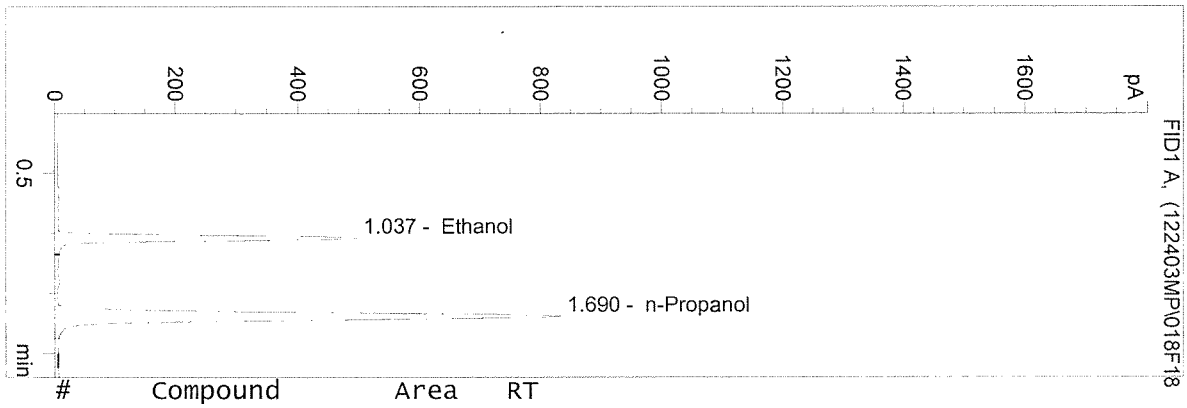
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 2:32:18 PM
Instrument 2
DB-ALC1

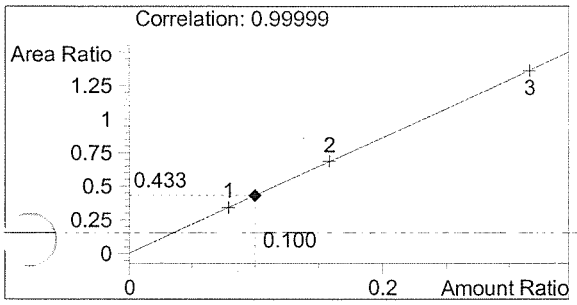
0.10 control
m pemberton

vial # 18

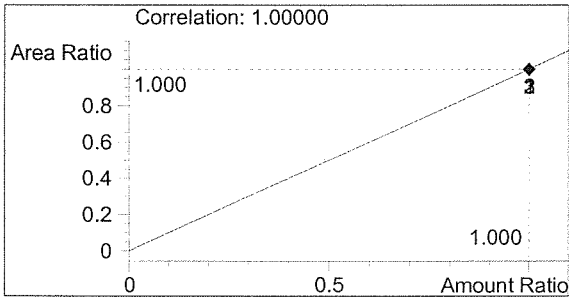


#	Compound	Area	RT
1	Ethanol	1512	1.037
2	n-Propanol	3495	1.690

Totals:



Ethanol 0.100 g/100ml

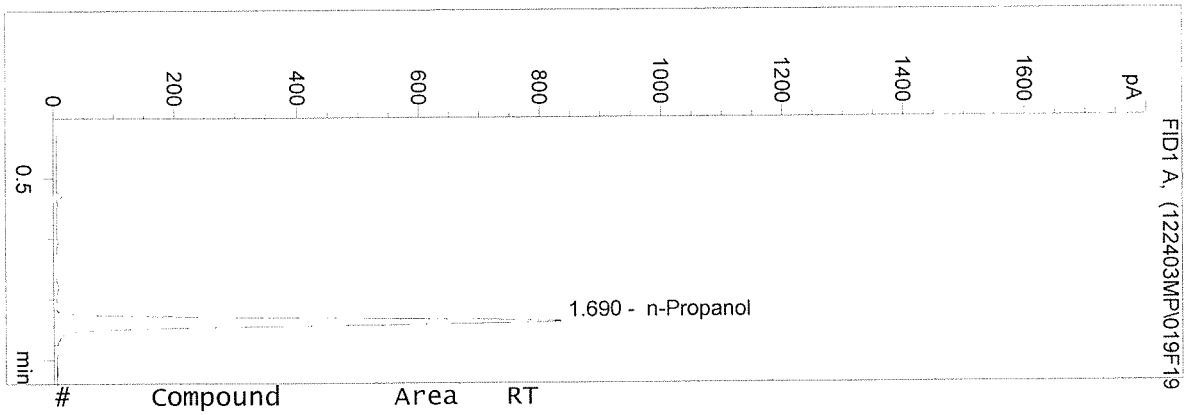


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 2:35:23 PM
Instrument 2
DB-ALC1

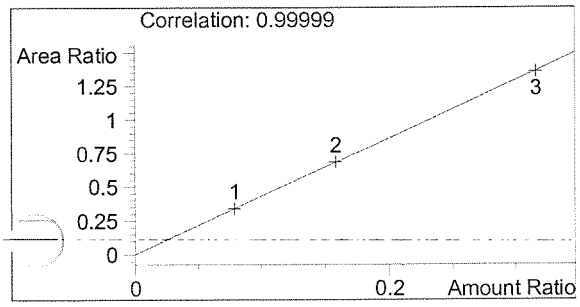
blk
m pemberton

vial # 19

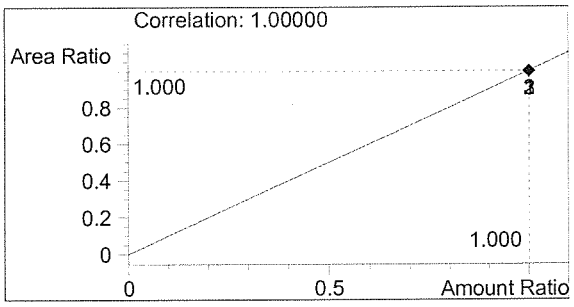


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3513	1.690

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	m pemberton
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	122403MP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Vial Information Part:

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

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLK	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	BLK	BLDALCO2	1	Sample		
6	6	0.02 std	BLDALCO2	1	Sample		
7	7	0.04 mix std	BLDALCO2	1	Sample		
8	8	0.08 mix std	BLDALCO2	1	Sample		
9	9	0.04 CONTROL	BLDALCO2	1	Ctrl Samp		
10	10	0.20 CONTROL	BLDALCO2	1	Ctrl Samp		
11	11	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
12	12	BLK	BLDALCO2	1	Sample		
13	13	03041 sim soln	BLDALCO2	1	Sample		
14	14	03041 sim soln	BLDALCO2	1	Sample		
15	15	03041 sim soln	BLDALCO2	1	Sample		
16	16	03041 sim soln	BLDALCO2	1	Sample		
17	17	03041 sim soln	BLDALCO2	1	Sample		
18	18	0.10 control	BLDALCO2	1	Ctrl Samp		
19	19	blk	BLDALCO2	1	Sample		

Calibration Part:

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

Quantification Part:

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	1	BLK				
2	2	0.079 CAL				
3	3	0.158 CAL				
4	4	0.316 CAL				
5	5	BLK				
6	6	0.02 std				
7	7	0.04 mix std				
8	8	0.08 mix std				
9	9	0.04 CONTROL				
10	10	0.20 CONTROL				
11	11	0.10 CONTROL				
12	12	BLK				
13	13	03041 sim soln				
14	14	03041 sim soln				
15	15	03041 sim soln				
16	16	03041 sim soln				
17	17	03041 sim soln				
18	18	0.10 control				
19	19	blk				

Sequence Table (Back Injector):

No entries - empty table!

Sequence Output Parameters:

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

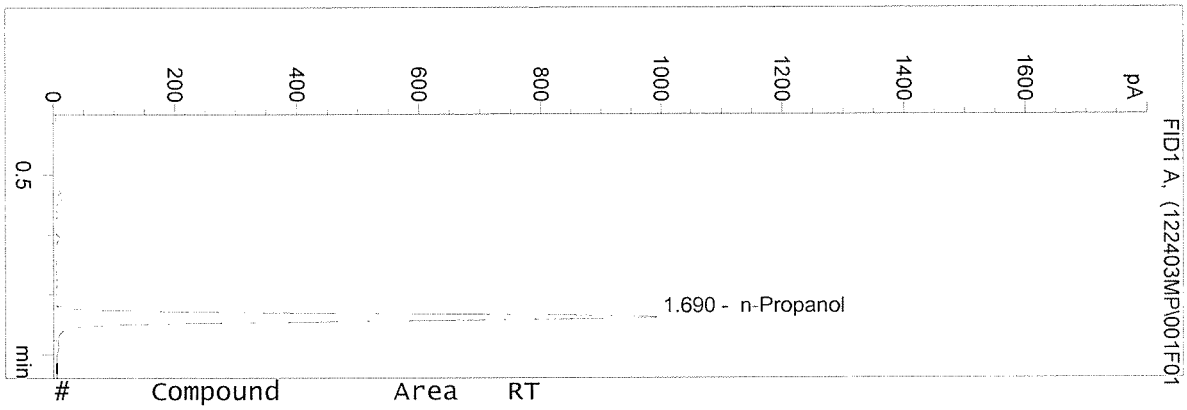
Sequence Summary Parameters:

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

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 1:40:01 PM
Instrument 2
DB-ALC1

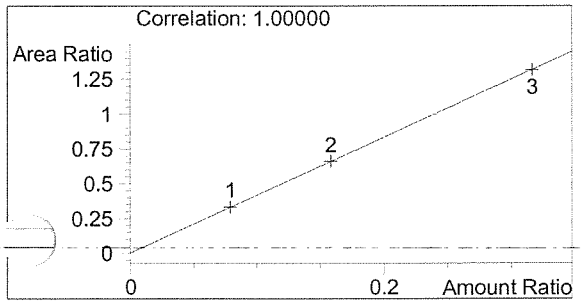
BLK
m pemberton

vial # 1

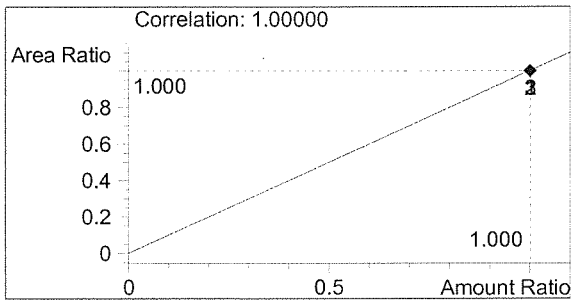


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4167	1.690

Totals:



Ethanol 0.000 g/100ml



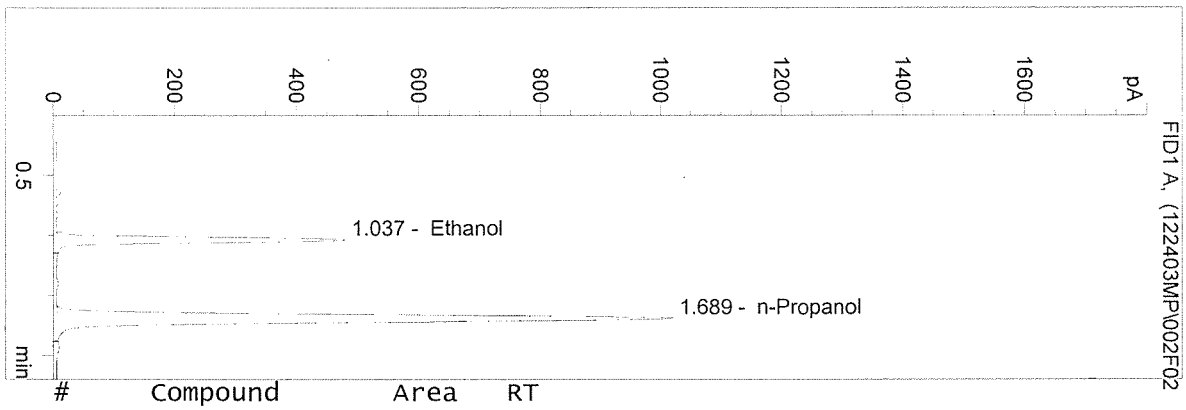
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 1:43:05 PM
Instrument 2
DB-ALC1

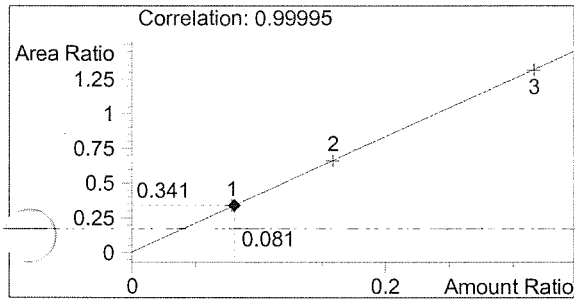
0.079 CAL
m pemberton

vial # 2

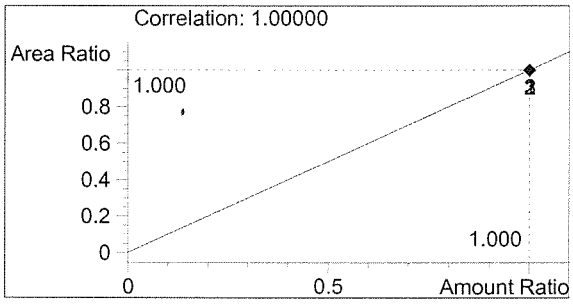


#	Compound	Area	RT
1	Ethanol	1464	1.037
2	n-Propanol	4291	1.689

Totals:



Ethanol 0.081 g/100ml



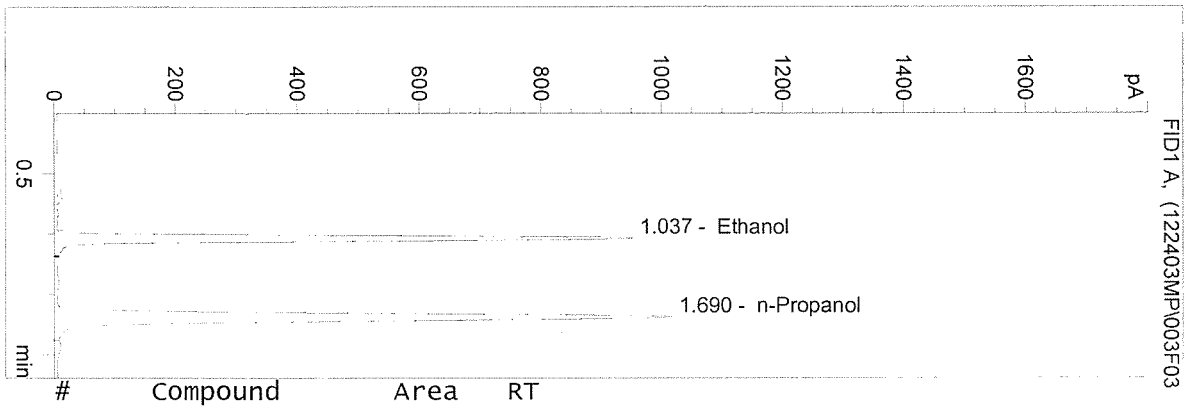
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 1:46:10 PM
Instrument 2
DB-ALC1

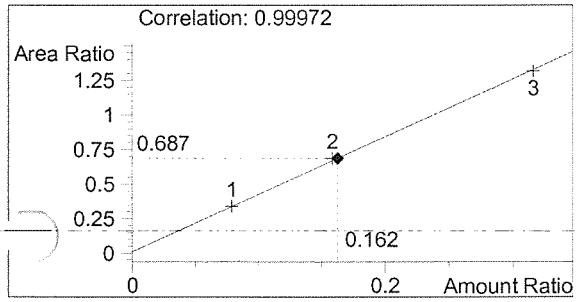
0.158 CAL
m pemberton

vial # 3

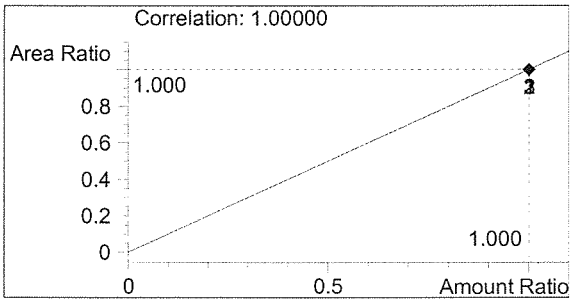


#	Compound	Area	RT
1	Ethanol	2938	1.037
2	n-Propanol	4278	1.690

Totals:



Ethanol 0.162 g/100ml



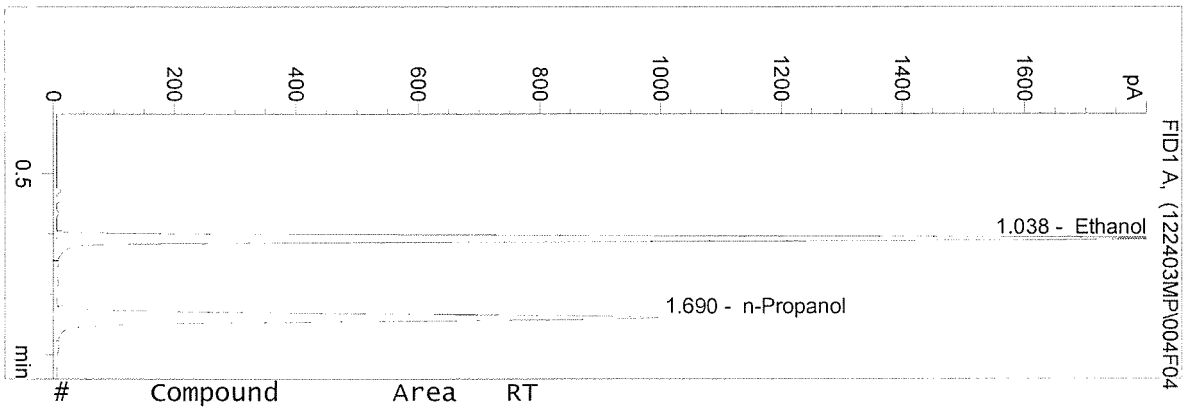
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

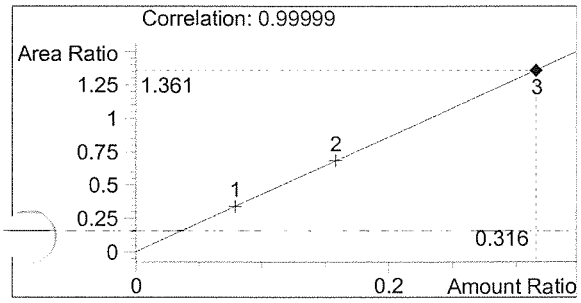
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 1:49:14 PM
Instrument 2
DB-ALC1

0.316 CAL
m pemberton

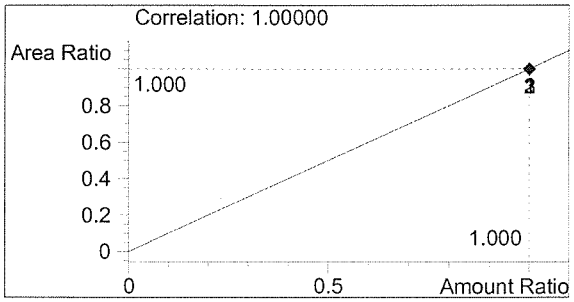
vial # 4



#	Compound	Area	RT
1	Ethanol	5695	1.038
2	n-Propanol	4184	1.690
Totals:			



Ethanol 0.316 g/100ml



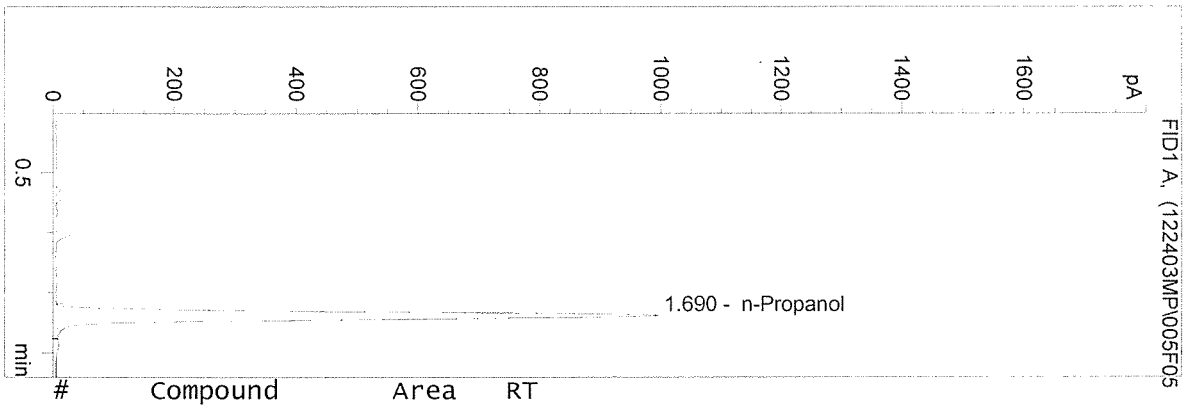
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 1:52:19 PM
Instrument 2
DB-ALC1

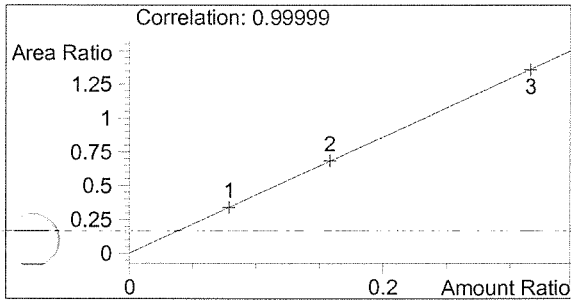
BLK
m pemberton

vial # 5

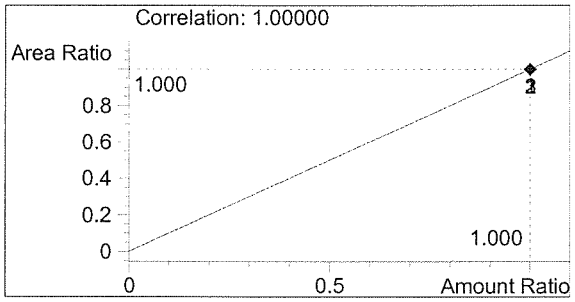


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4188	1.690

Totals:



Ethanol 0.000 g/100ml

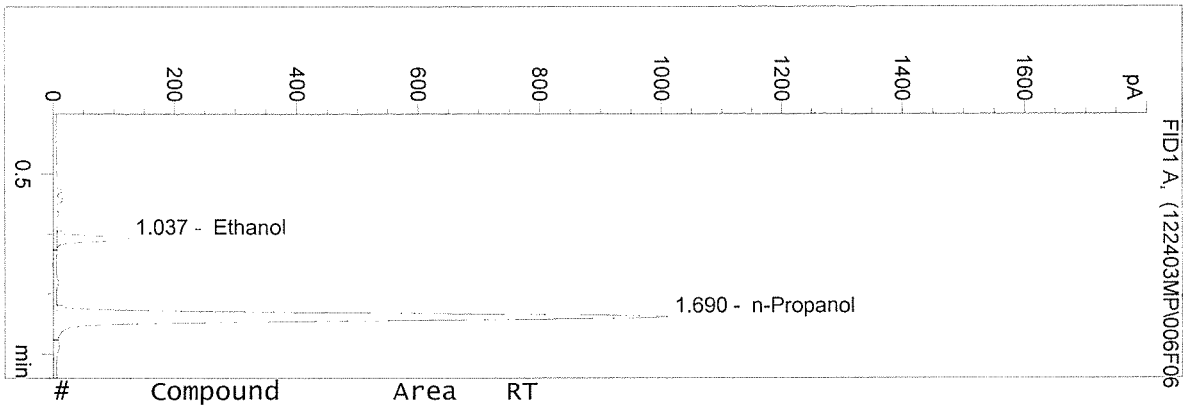


n-Propanol 1.000 g/100ml

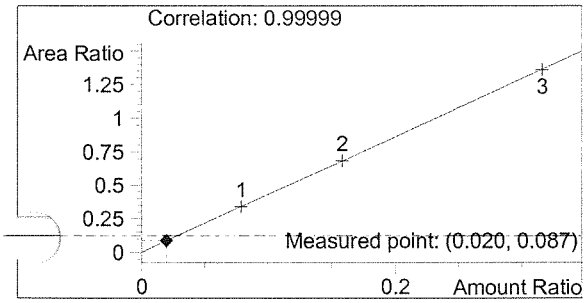
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 1:55:24 PM
Instrument 2
DB-ALC1

0.02 std
m pemberton

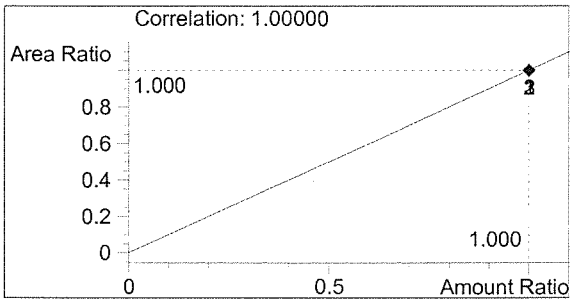
vial # 6



#	Compound	Area	RT
1	Ethanol	369	1.037
2	n-Propanol	4256	1.690
Totals:			



Ethanol 0.020 g/100ml



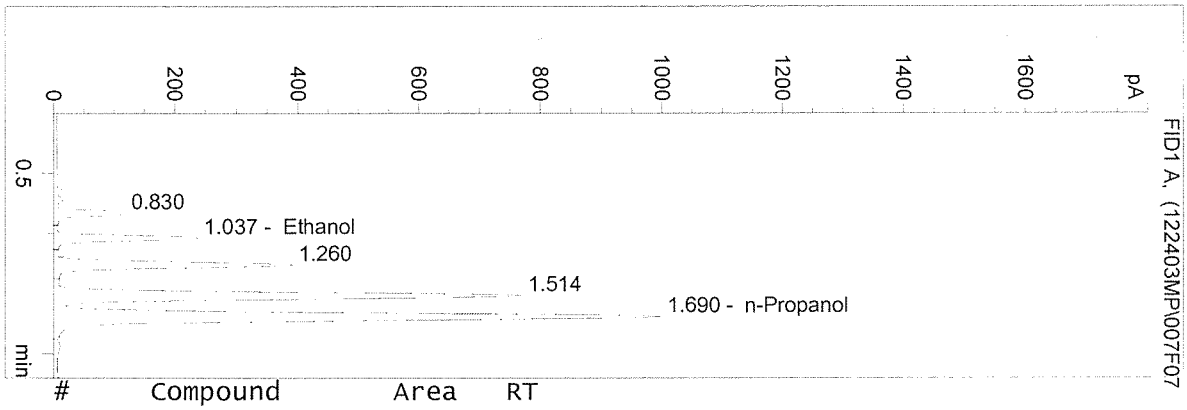
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

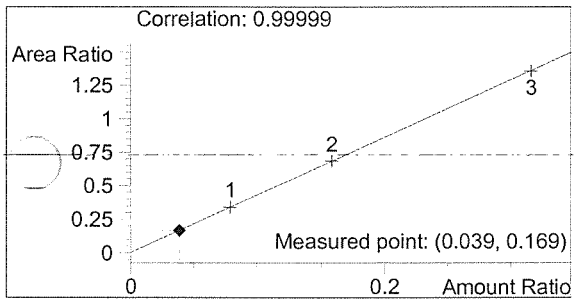
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 1:58:28 PM
Instrument 2
DR-ALC1

0.04 mix std
m pemberton

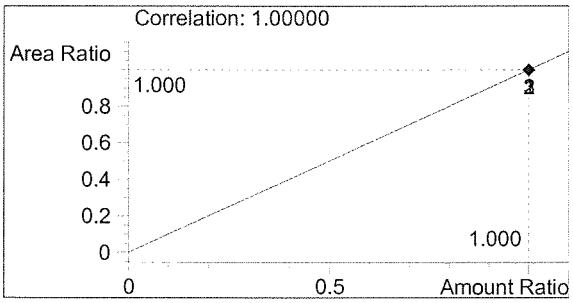
vial # 7



#	Compound	Area	RT
1		350	0.830
2	Ethanol	710	1.037
3		1322	1.260
4		2834	1.514
5	n-Propanol	4189	1.690
Totals:			



Ethanol 0.039 g/100ml

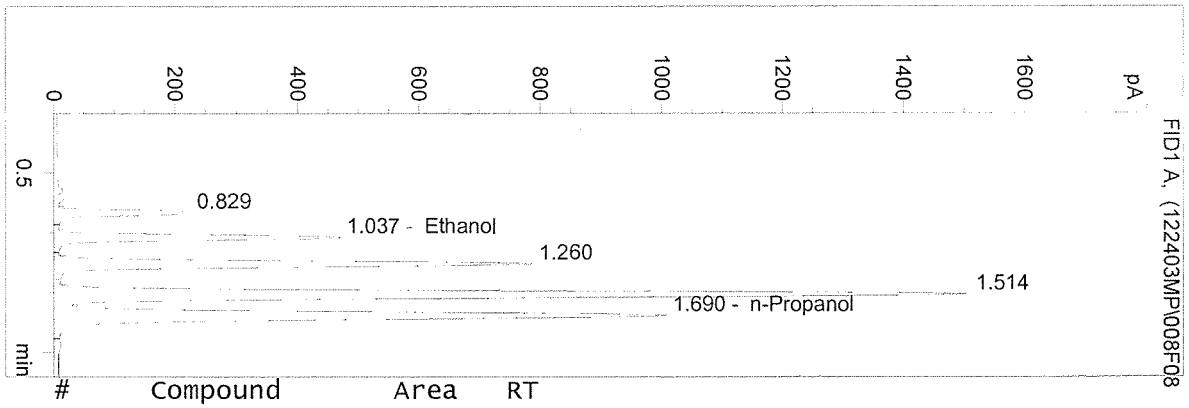


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 2:01:33 PM
Instrument 2
DB-ALC1

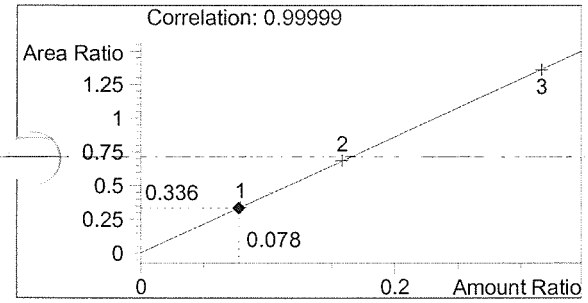
0.08 mix std
m pemberton

vial # 8

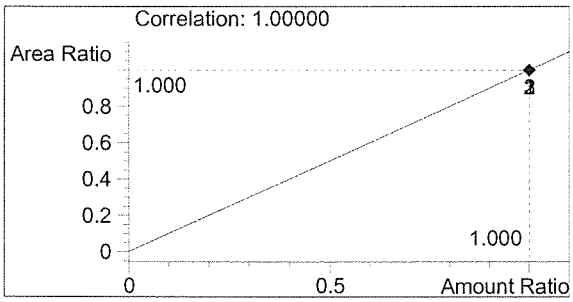


#	Compound	Area	RT
1		688	0.829
2	Ethanol	1428	1.037
3		2704	1.260
4		5619	1.514
5	n-Propanol	4246	1.690

Totals:



Ethanol 0.078 g/100ml



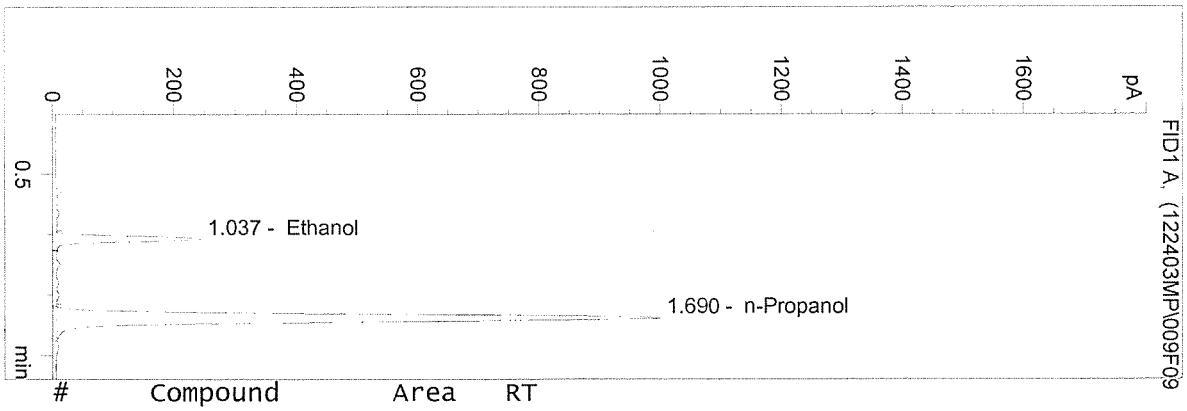
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

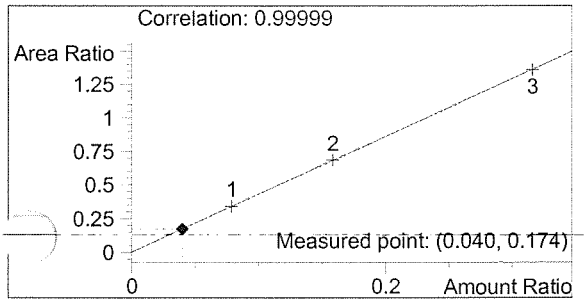
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 2:04:37 PM
Instrument 2
DB-ALC1

0.04 CONTROL
m pemberton

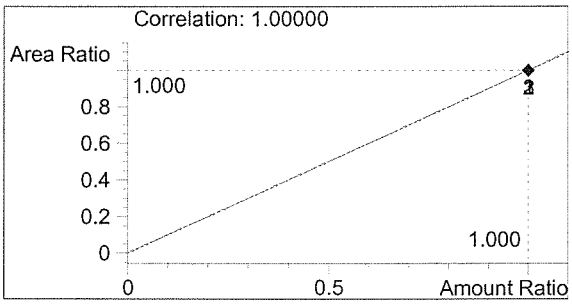
vial # 9



#	Compound	Area	RT
1	Ethanol	734	1.037
2	n-Propanol	4209	1.690
Totals:			



Ethanol 0.040 g/100ml



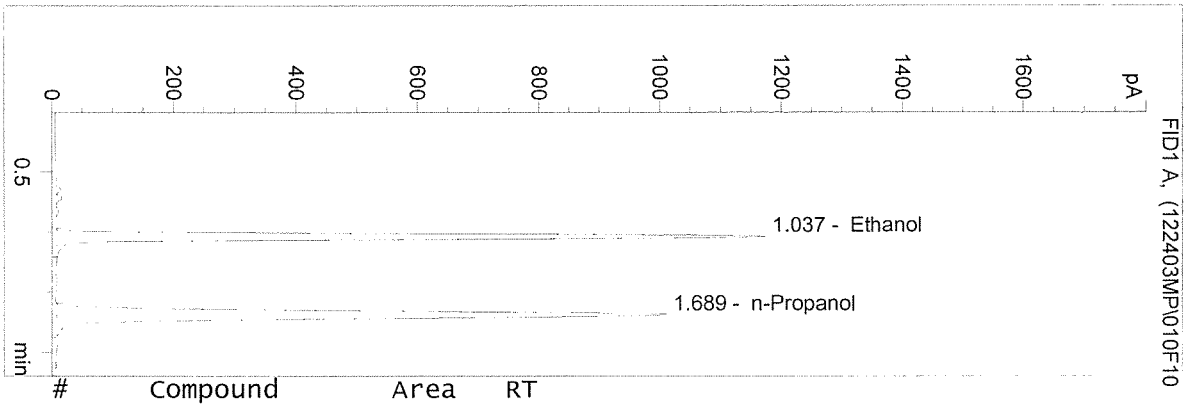
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 2:07:42 PM
Instrument 2
DB-ALC1

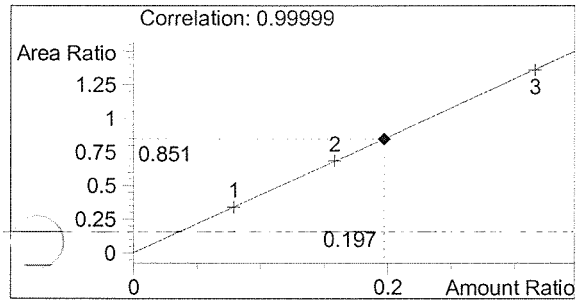
0.20 CONTROL
m pemberton

vial # 10

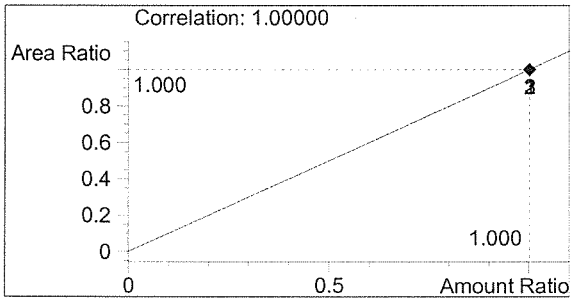


#	Compound	Area	RT
1	Ethanol	3612	1.037
2	n-Propanol	4246	1.689

Totals:



Ethanol 0.197 g/100ml



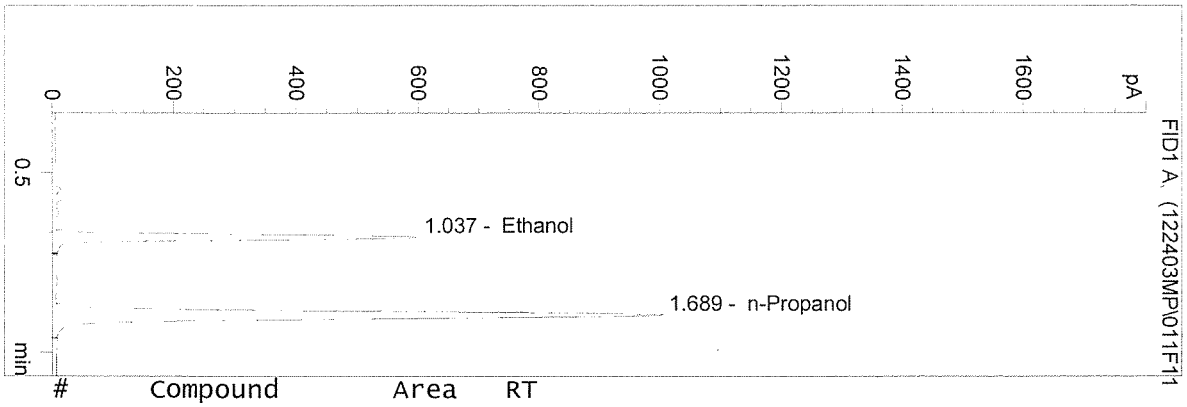
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 2:10:46 PM
Instrument 2
DR-ALC1

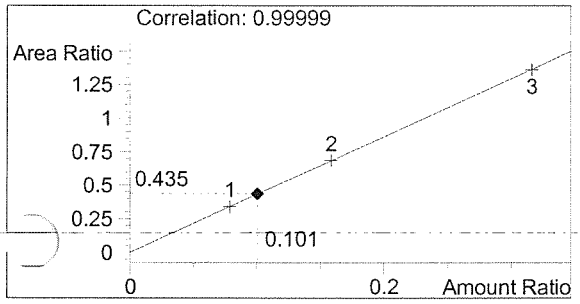
0.10 CONTROL
m pemberton

vial # 11

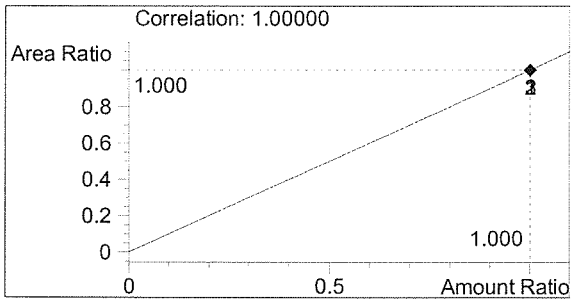


#	Compound	Area	RT
1	Ethanol	1836	1.037
2	n-Propanol	4217	1.689

Totals:



Ethanol 0.101 g/100ml

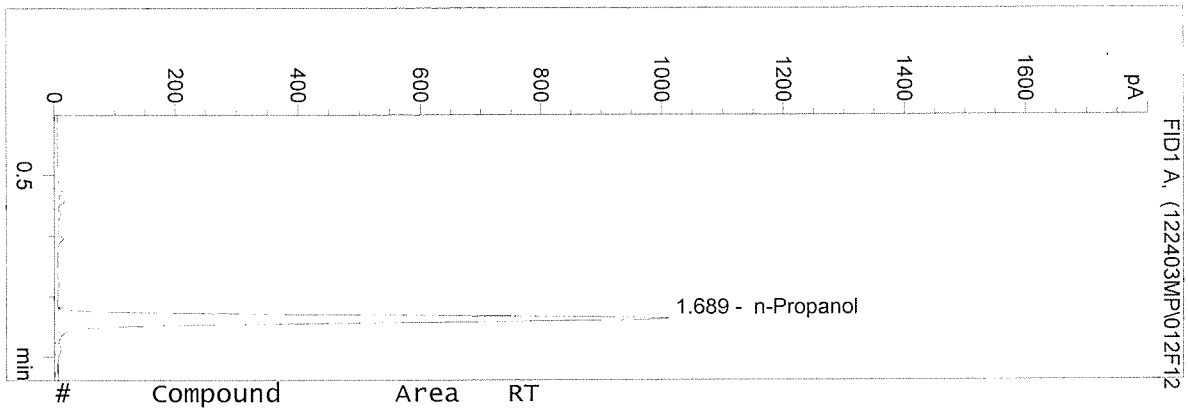


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/24/03 2:13:51 PM
Instrument 2
DB-ALC1

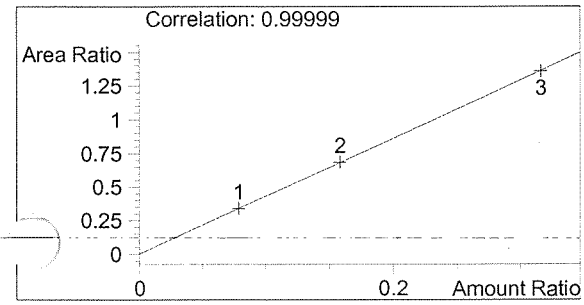
BLK
m pemberton

vial # 12

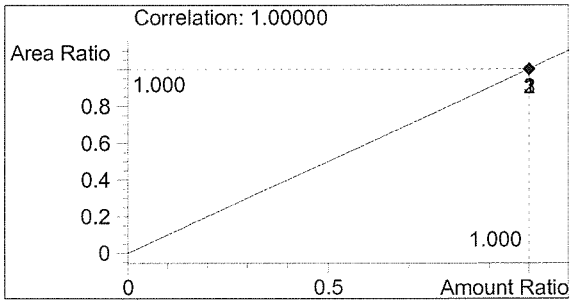


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4253	1.689

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	B.CAPRON
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	123103
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Sample		
6	6	0.04 MIX	VOL	1	Calib		
7	7	0.08 MIX	VOL	1	Calib		
8	8	BLANK	BLDALCO2	1	Sample		
9	9	0.02 STD	BLDALCO2	1	Sample		
10	10	0.04 CAP	BLDALCO2	1	Ctrl Samp		
11	11	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
12	12	0.20 CONTROL	BLDALCO2	1	Ctrl Samp		
13	13	BLANK	BLDALCO2	1	Sample		
14	14	03041 #1 SIM	BLDALCO2	1	Sample		
15	15	03041 #2 SIM	BLDALCO2	1	Sample		
16	16	03041 #3 SIM	BLDALCO2	1	Sample		
17	17	03041 #4 SIM	BLDALCO2	1	Sample		
18	18	03041 #5 SIM	BLDALCO2	1	Sample		
19	19	0.10 CONTROL	BLDALCO2	1	Sample		
20	20	BLANK	BLDALCO2	1	Sample		
21	21	03046 #1 SIM	BLDALCO2	1	Sample		
22	22	03046 #2 SIM	BLDALCO2	1	Sample		
23	23	03046 #3 SIM	BLDALCO2	1	Sample		
24	24	03046 #4 SIM	BLDALCO2	1	Sample		
25	25	03046 #5 SIM	BLDALCO2	1	Sample		
26	26	0.10 CONTROL	BLDALCO2	1	Sample		
27	27	BLANK	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

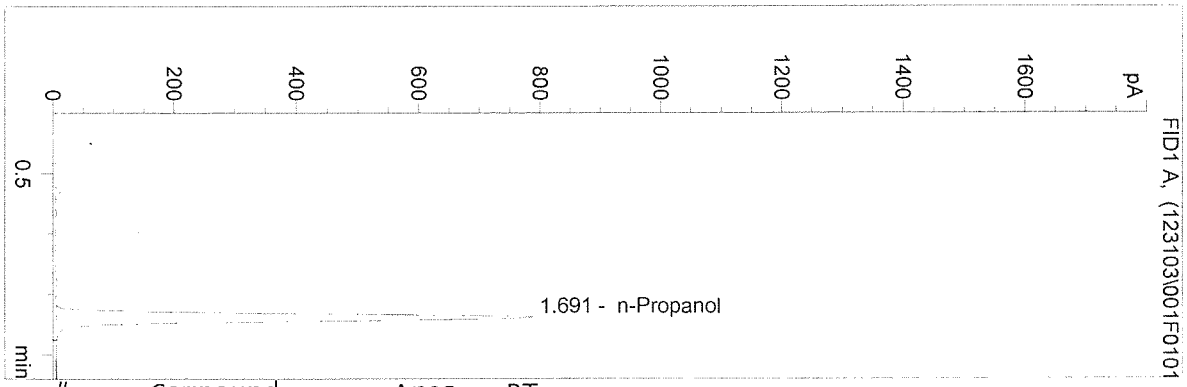
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 6:53:27 AM
Instrument 2
DB-ALC1

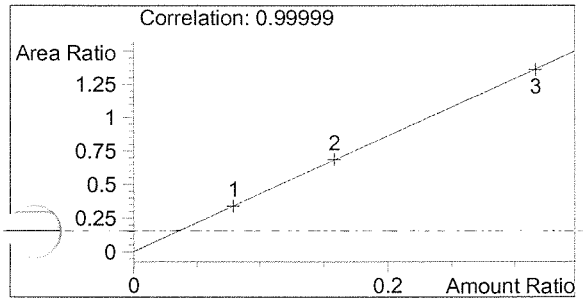
BLANK
B.CAPRON

vial # 1

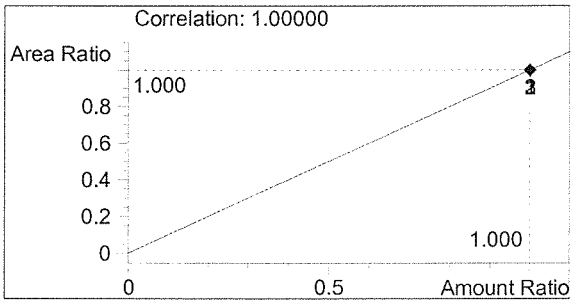


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3321	1.691

Totals:



Ethanol 0.000 g/100ml



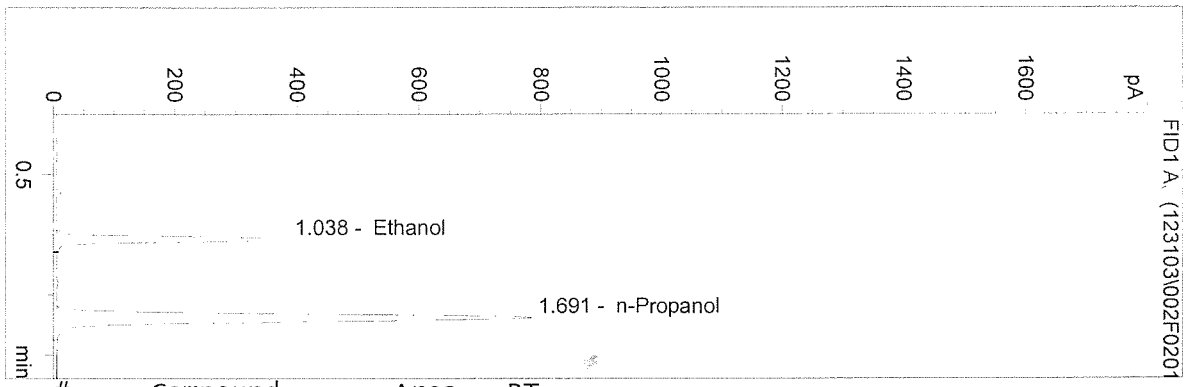
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 6:56:31 AM
Instrument 2
DB-ALC1

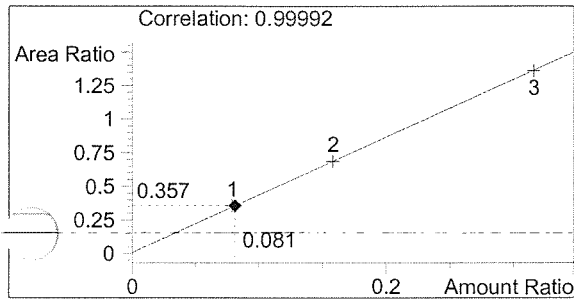
0.079 CAL
B.CAPRON

vial # 2

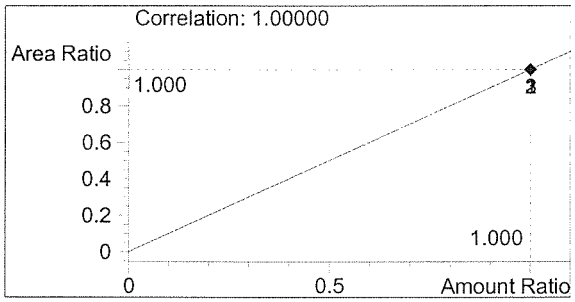


#	Compound	Area	RT
1	Ethanol	1178	1.038
2	n-Propanol	3300	1.691

Totals:



Ethanol 0.081 g/100ml



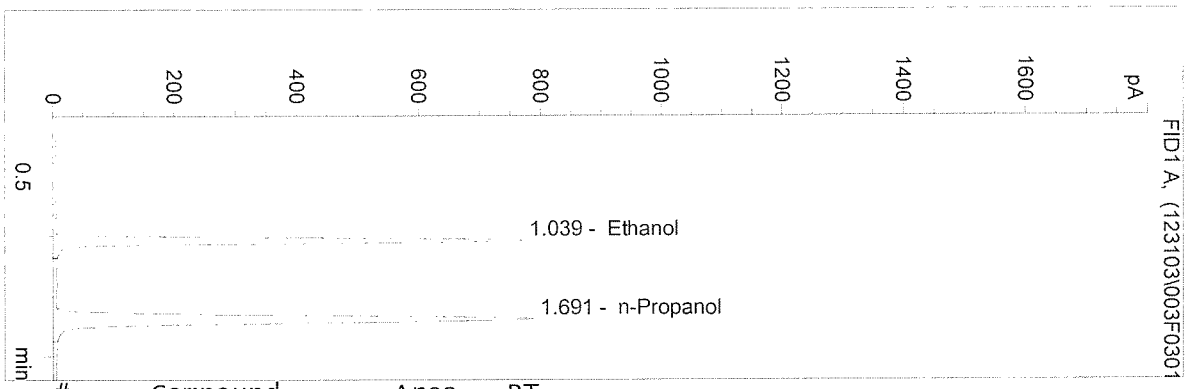
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 6:59:36 AM
Instrument 2
DB-ALC1

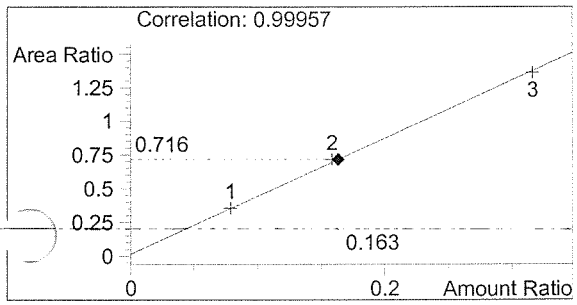
0.158 CAL
B.CAPRON

vial # 3

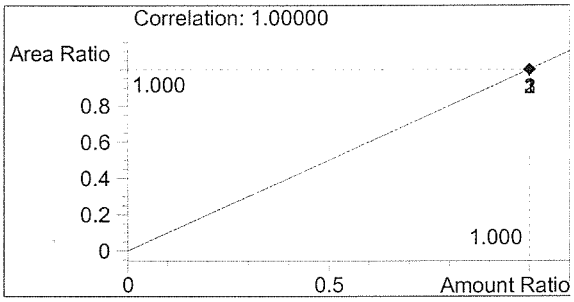


#	Compound	Area	RT
1	Ethanol	2369	1.039
2	n-Propanol	3307	1.691

Totals:



Ethanol 0.163 g/100ml



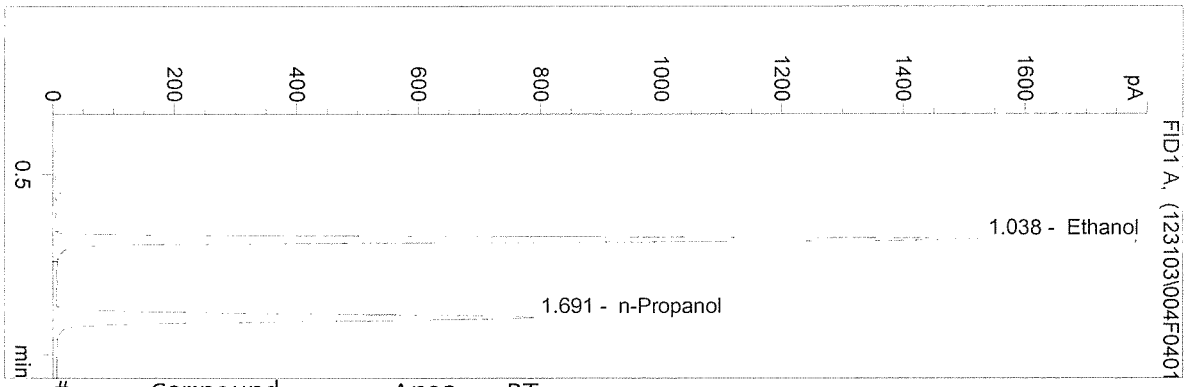
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

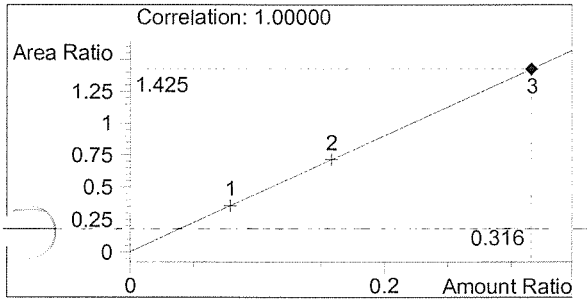
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:02:41 AM
Instrument 2
DB-ALC1

0.316 CAL
B.CAPRON

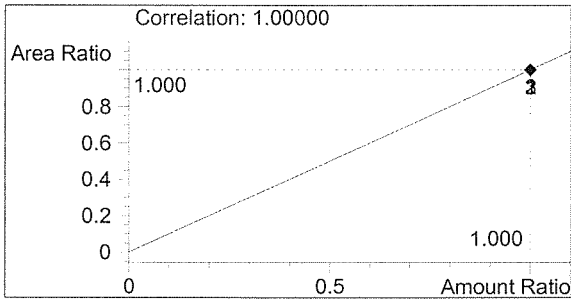
vial # 4



#	Compound	Area	RT
1	Ethanol	4710	1.038
2	n-Propanol	3305	1.691
Totals:			



Ethanol 0.316 g/100ml



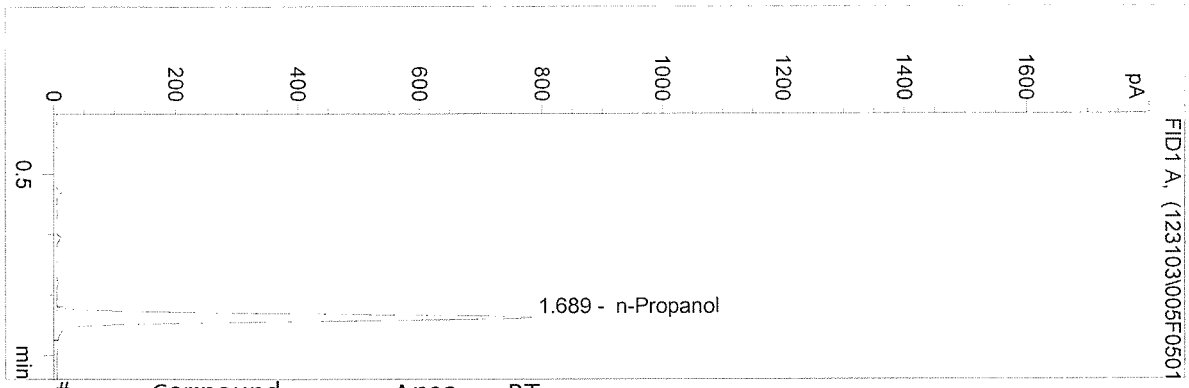
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:05:45 AM
Instrument 2
DB-ALC1

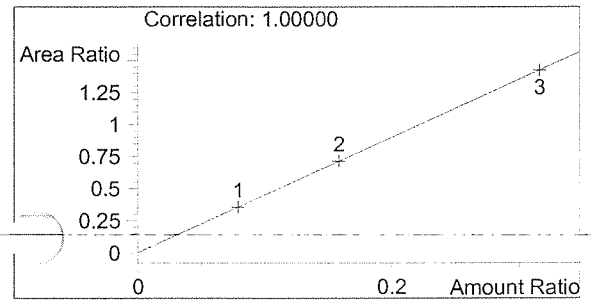
BLANK
B.CAPRON

vial # 5

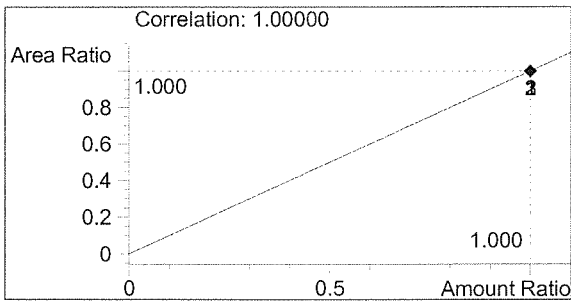


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3290	1.689

Totals:



Ethanol 0.000 g/100ml



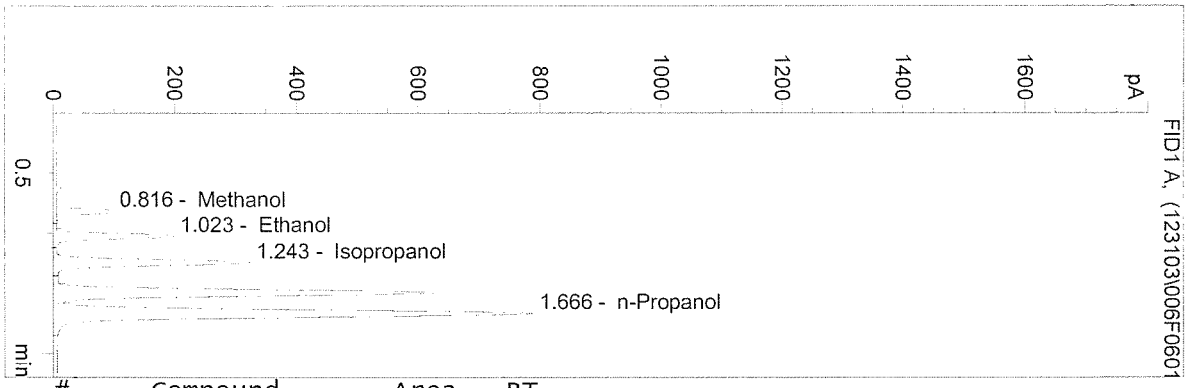
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
12/31/03 7:08:59 AM
Instrument 2
DB-ALC1

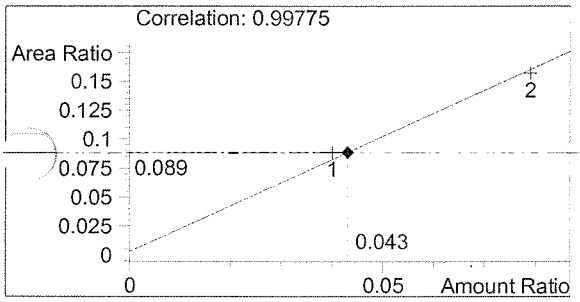
0.04 MIX
B.CAPRON

vial # 6

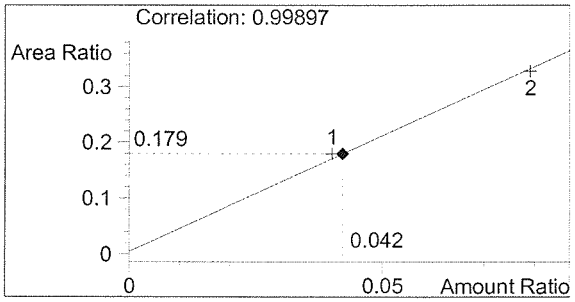


#	Compound	Area	RT
1	Methanol	290	0.816
2	Ethanol	585	1.023
3	Isopropanol	1070	1.243
4	Acetone	2281	1.493
5	n-Propanol	3268	1.666

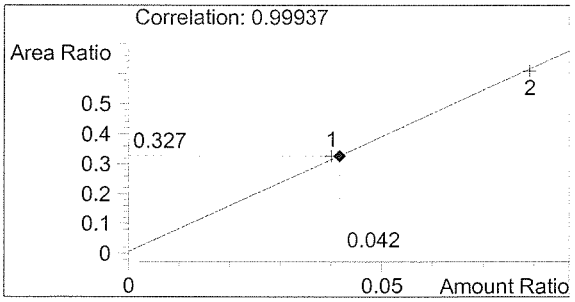
Totals:



Methanol 0.043 g/100ml



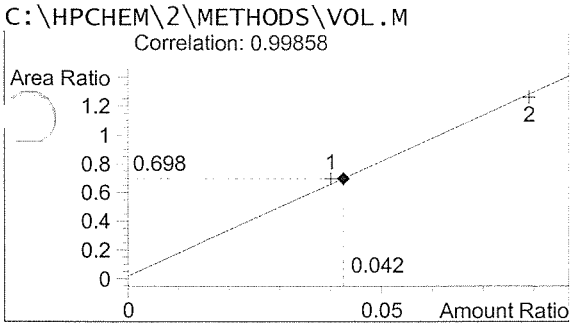
Ethanol 0.042 g/100ml



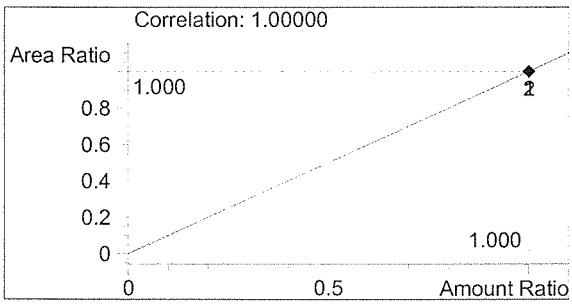
Isopropanol 0.042 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M



Acetone 0.042 g/100ml

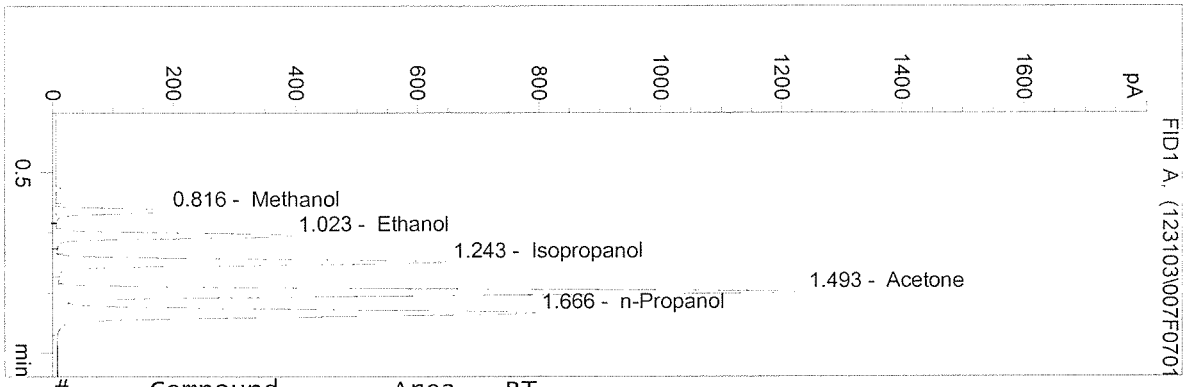


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\VOL.M
12/31/03 7:12:05 AM
Instrument 2
DS-ALC1

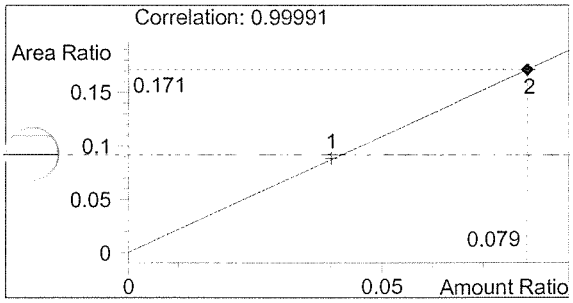
0.08 MIX
B.CAPRON

vial # 7

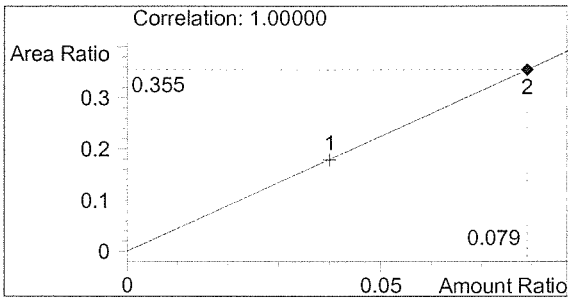


#	Compound	Area	RT
1	Methanol	564	0.816
2	Ethanol	1172	1.023
3	Isopropanol	2172	1.243
4	Acetone	4506	1.493
5	n-Propanol	3301	1.666

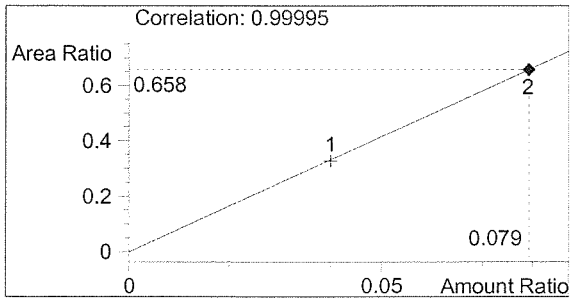
Totals:



Methanol 0.079 g/100ml

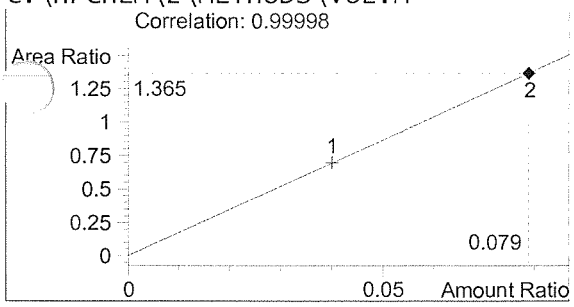


Ethanol 0.079 g/100ml

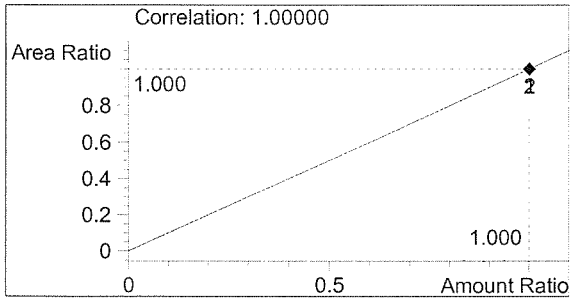


Isopropanol 0.079 g/100ml

C:\HPCHEM\2\METHODS\VOL.M



Acetone 0.079 g/100ml



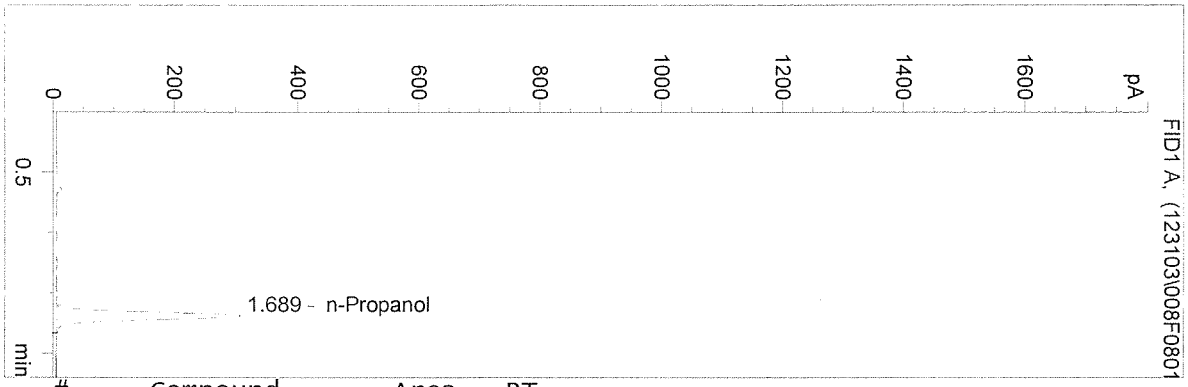
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:15:21 AM
Instrument 2
ALC1

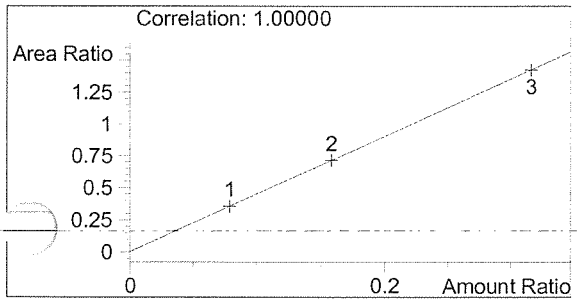
BLANK
B.CAPRON

vial # 8

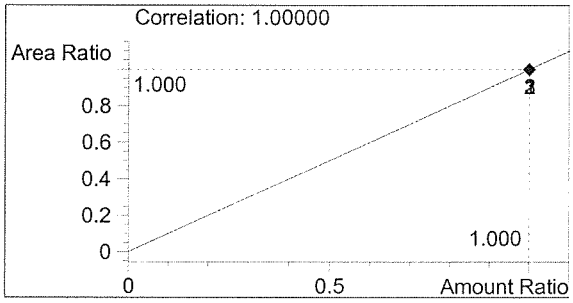


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1276	1.689

Totals:



Ethanol 0.000 g/100ml



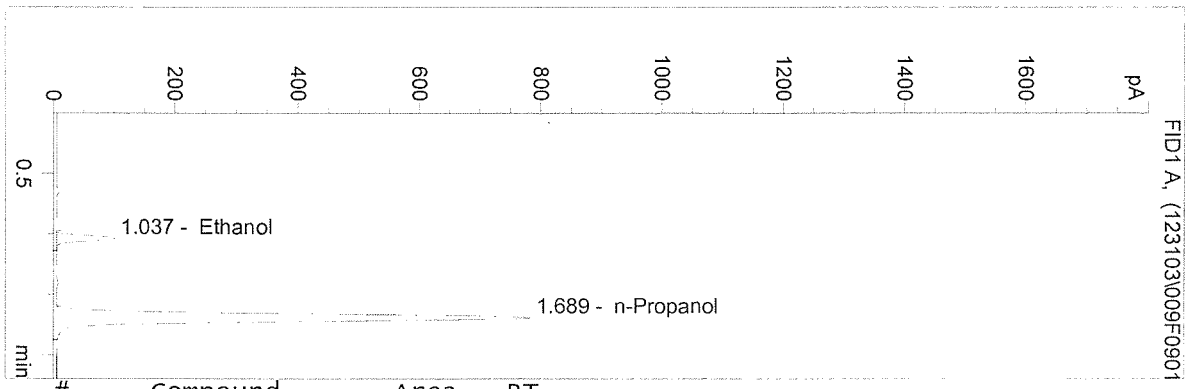
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:18:25 AM
Instrument 2
BALC1

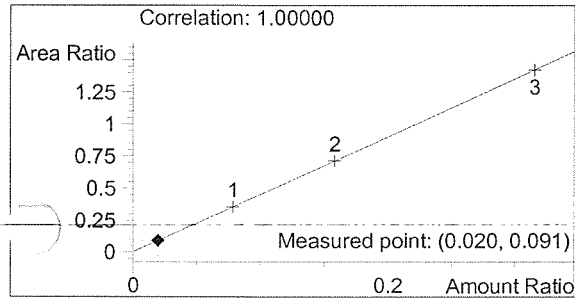
0.02 STD
B.CAPRON

vial # 9

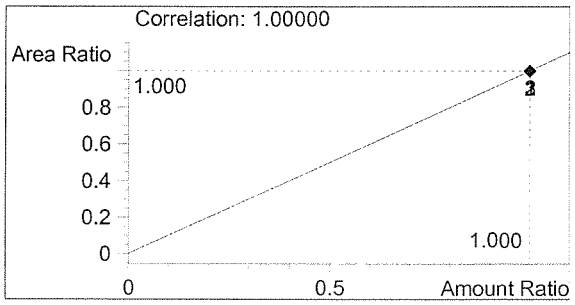


#	Compound	Area	RT
1	Ethanol	297	1.037
2	n-Propanol	3280	1.689

Totals:



Ethanol 0.020 g/100ml



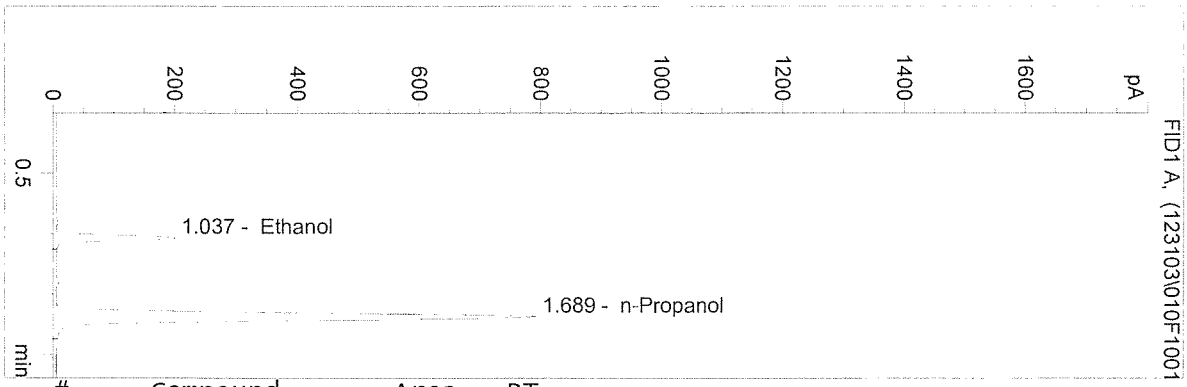
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:21:30 AM
Instrument 2
BLDALC1

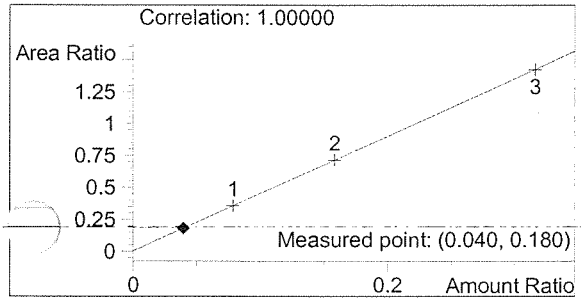
0.04 CAP
B.CAPRON

vial # 10

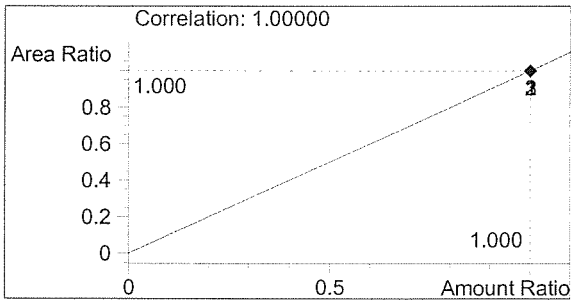


#	Compound	Area	RT
1	Ethanol	600	1.037
2	n-Propanol	3327	1.689

Totals:



Ethanol 0.040 g/100ml



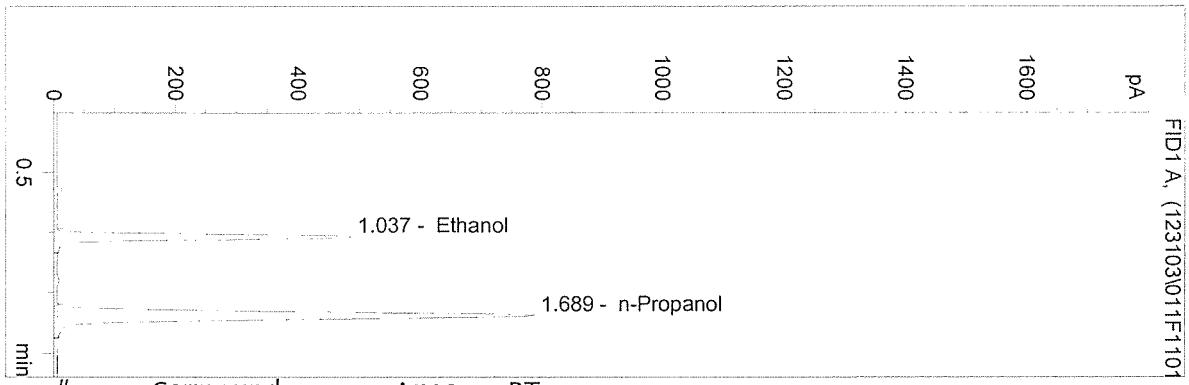
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

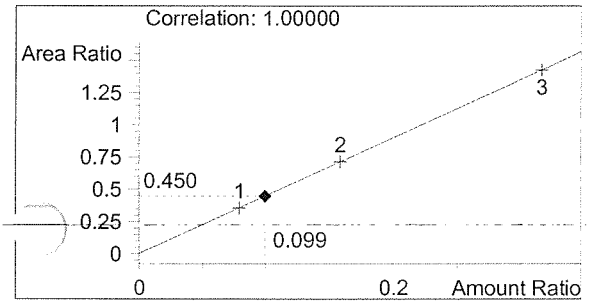
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:24:35 AM
Instrument 2
BLDALC1

0.10 CONTROL
B.CAPRON

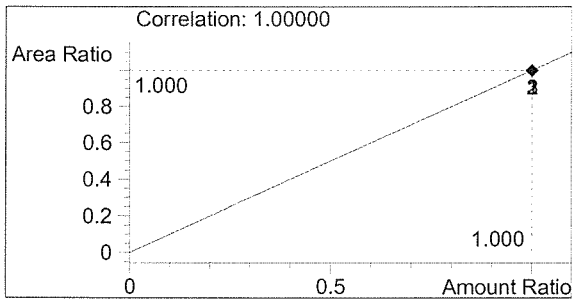
vial # 11



#	Compound	Area	RT
1	Ethanol	1484	1.037
2	n-Propanol	3299	1.689
Totals:			



Ethanol 0.099 g/100ml



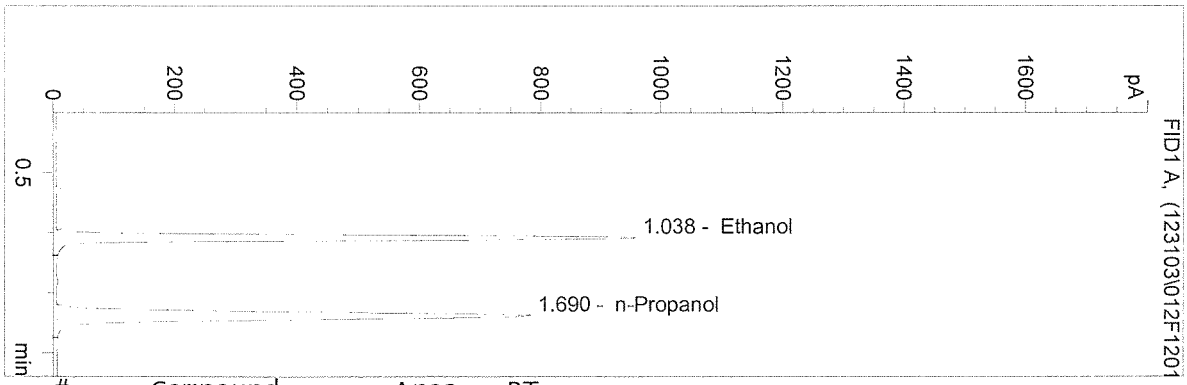
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:27:40 AM
Instrument 2
BALC1

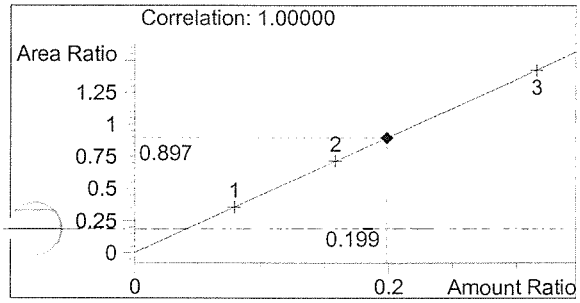
0.20 CONTROL
B.CAPRON

vial # 12

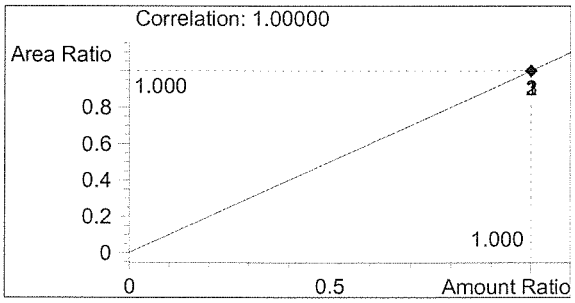


#	Compound	Area	RT
1	Ethanol	2954	1.038
2	n-Propanol	3294	1.690

Totals:



Ethanol 0.199 g/100ml



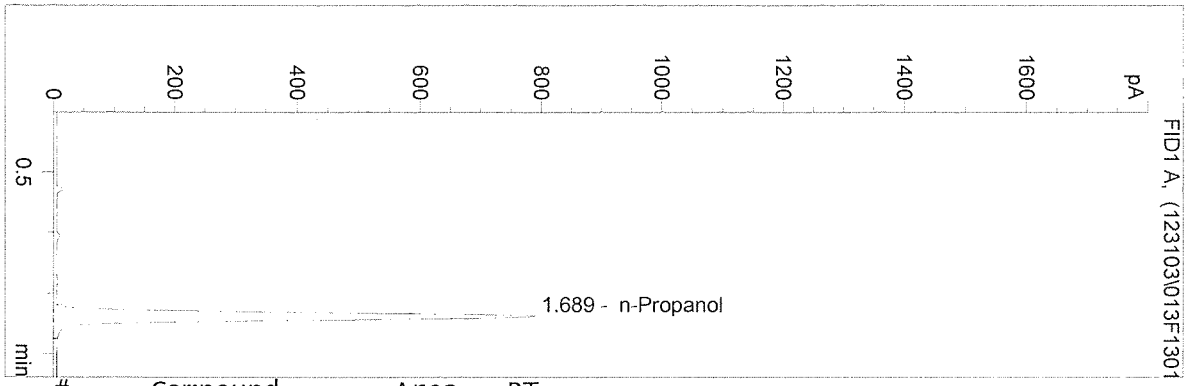
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:30:45 AM
Instrument 2
ALC1

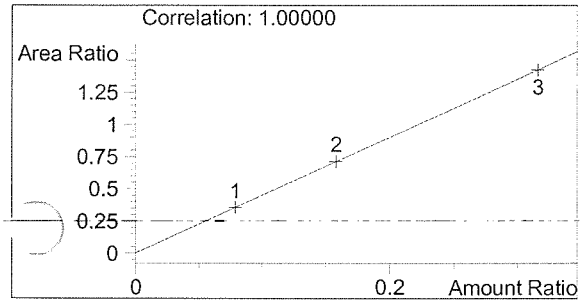
BLANK
B.CAPRON

vial # 13

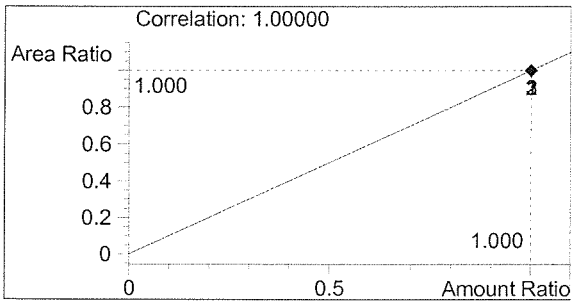


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3317	1.689

Totals:



Ethanol 0.000 g/100ml



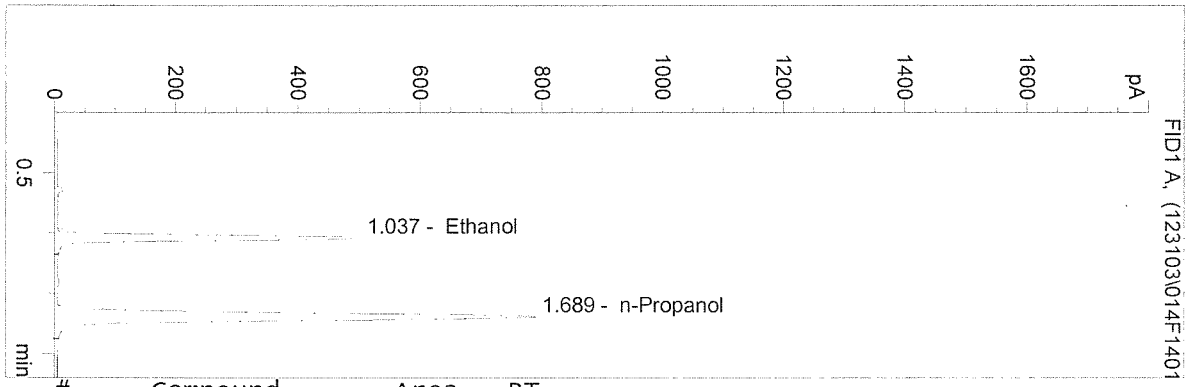
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

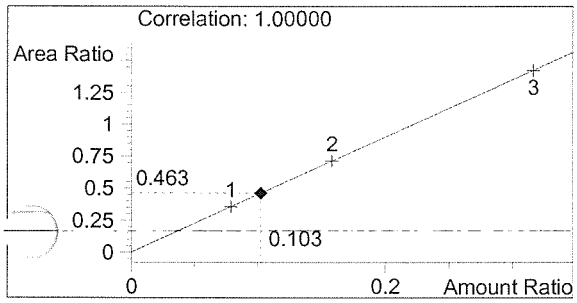
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:33:49 AM
Instrument 2
DB-ALC1

03041 #1 SIM
B.CAPRON

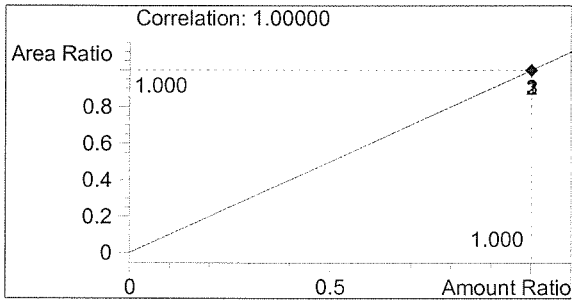
vial # 14



#	Compound	Area	RT
1	Ethanol	1535	1.037
2	n-Propanol	3312	1.689
Totals:			



Ethanol 0.103 g/100ml



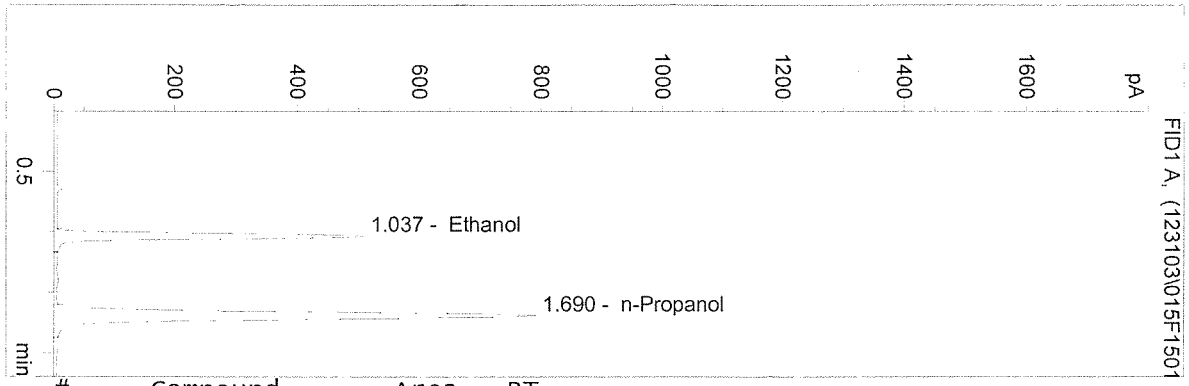
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:36:54 AM
Instrument 2
DB-ALC1

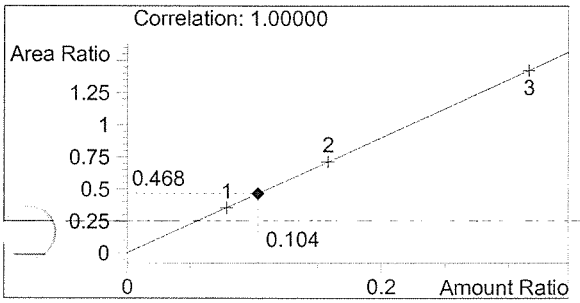
03041 #2 SIM
B.CAPRON

vial # 15

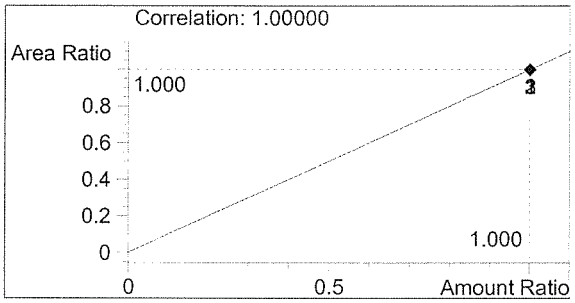


#	Compound	Area	RT
1	Ethanol	1555	1.037
2	n-Propanol	3320	1.690

Totals:



Ethanol 0.104 g/100ml



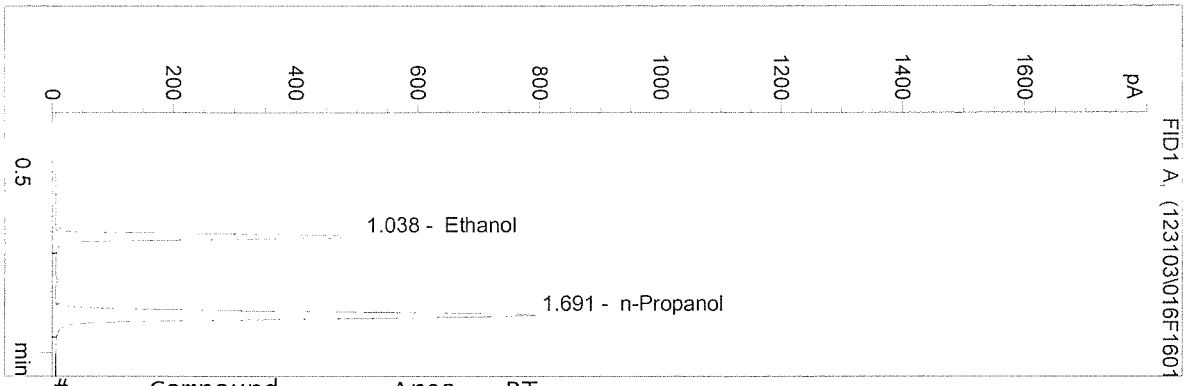
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:39:58 AM
Instrument 2
DB-ALC1

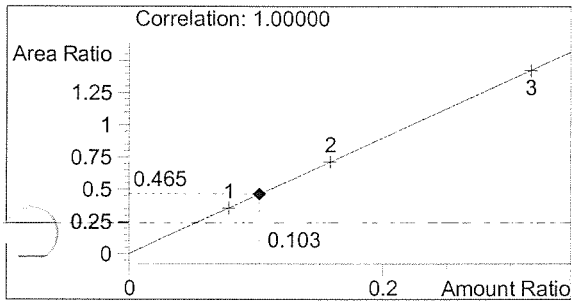
03041 #3 SIM
B.CAPRON

vial # 16

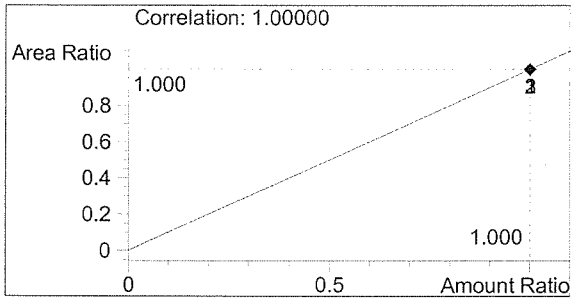


#	Compound	Area	RT
1	Ethanol	1545	1.038
2	n-Propanol	3320	1.691

Totals:



Ethanol 0.103 g/100ml



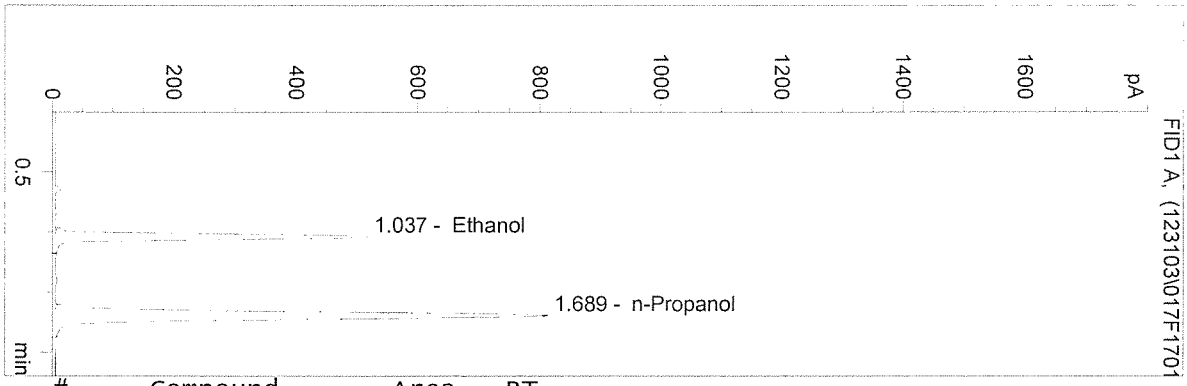
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:43:03 AM
Instrument 2
DB-ALC1

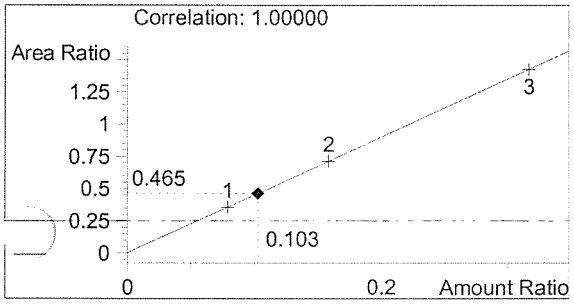
03041 #4 SIM
B.CAPRON

vial # 17

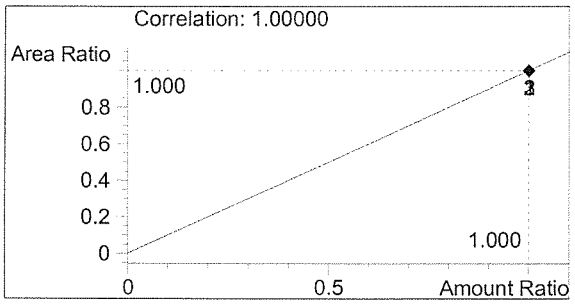


#	Compound	Area	RT
1	Ethanol	1585	1.037
2	n-Propanol	3407	1.689

Totals:



Ethanol 0.103 g/100ml



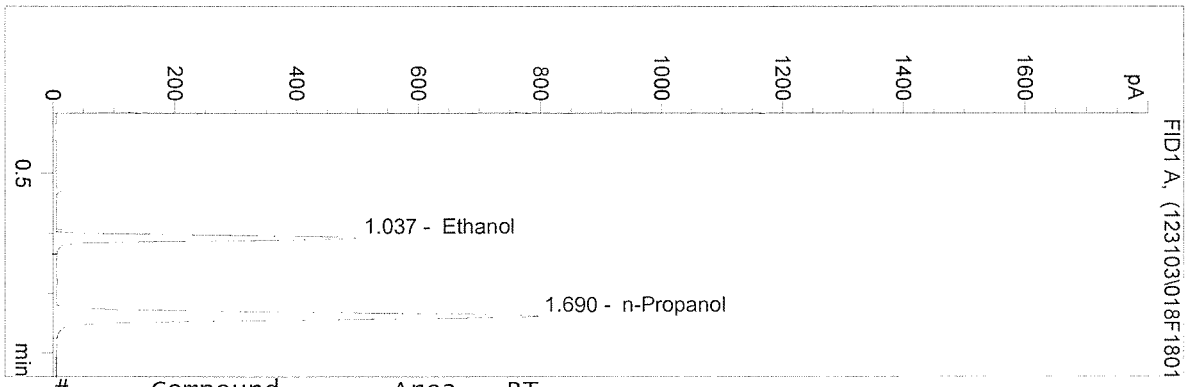
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

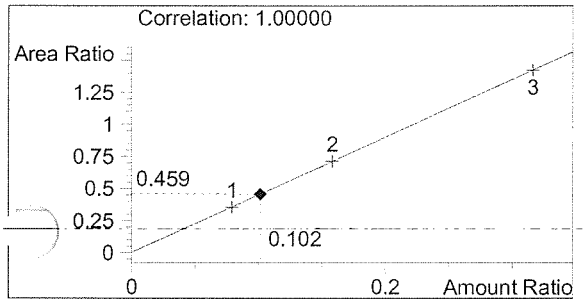
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:46:07 AM
Instrument 2
BLDALC1

03041 #5 SIM
B.CAPRON

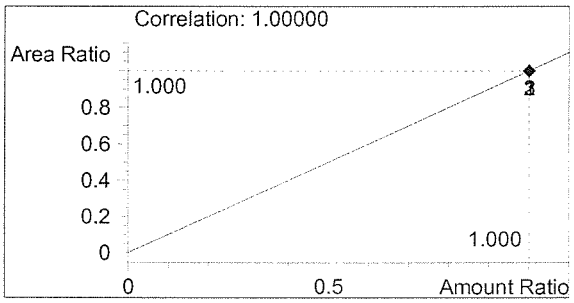
vial # 18



#	Compound	Area	RT
1	Ethanol	1531	1.037
2	n-Propanol	3335	1.690
Totals:			



Ethanol 0.102 g/100ml



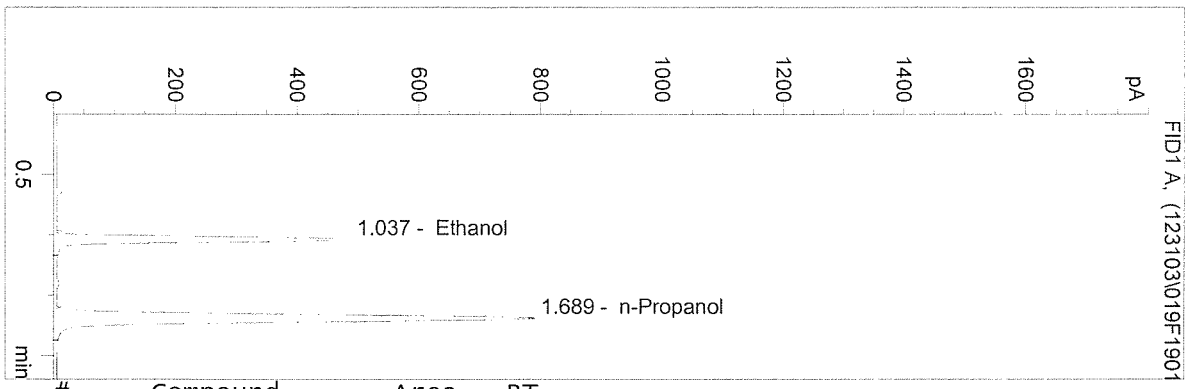
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:49:12 AM
Instrument 2
BLDALC1

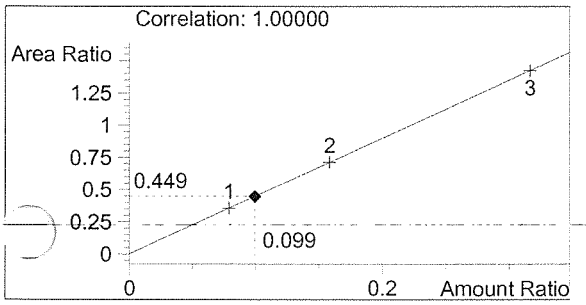
0.10 CONTROL
B.CAPRON

vial # 19

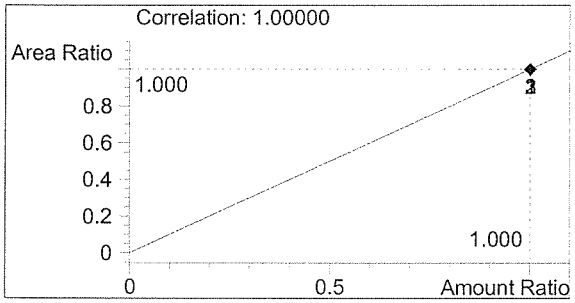


#	Compound	Area	RT
1	Ethanol	1491	1.037
2	n-Propanol	3318	1.689

Totals:



Ethanol 0.099 g/100ml



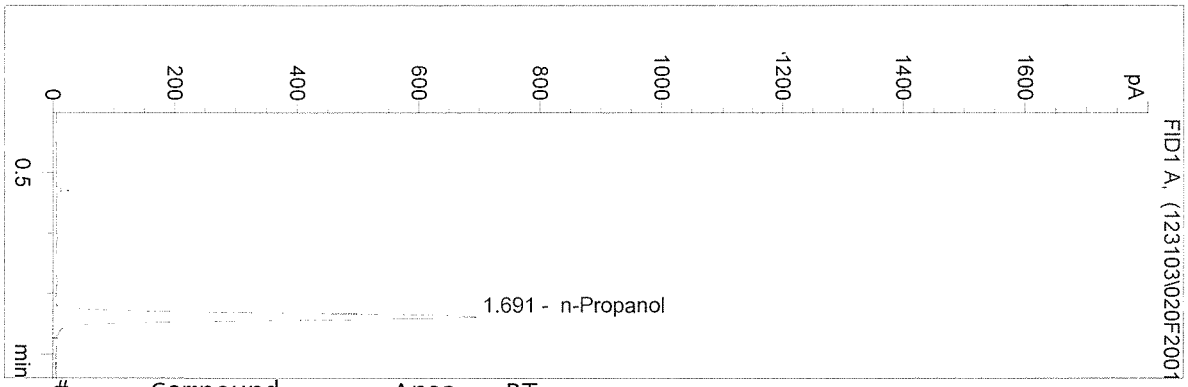
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:52:17 AM
Instrument 2
DR-ALC1

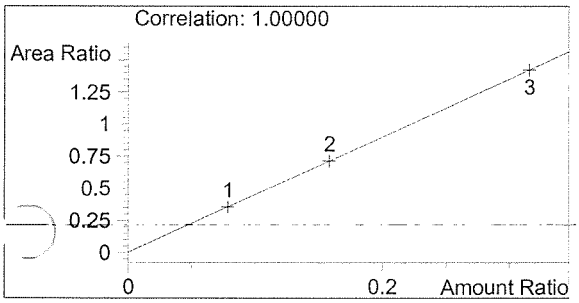
BLANK
B.CAPRON

vial # 20

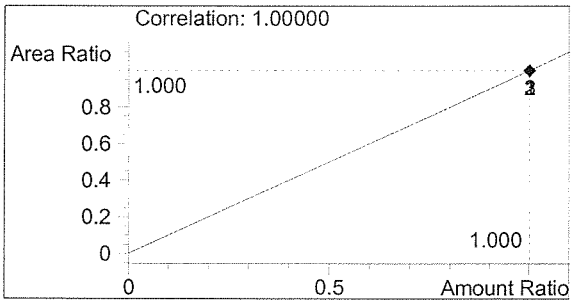


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2908	1.691

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	Jayne E. Thatcher
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	010704JT
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Ctrl Samp		
6	6	0.04 CONTROL	BLDALCO2	1	Ctrl Samp		
7	7	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
8	8	0.20 CONTROL	BLDALCO2	1	Ctrl Samp		
9	9	BLANK	BLDALCO2	1	Sample		
10	10	SimSoln 03041	BLDALCO2	1	Sample		
11	11	SimSoln 03041	BLDALCO2	1	Sample		
12	12	SimSoln 03041	BLDALCO2	1	Sample		
13	13	SimSoln 03041	BLDALCO2	1	Sample		
14	14	SimSoln 03041	BLDALCO2	1	Sample		
15	15	SimSoln 03046	BLDALCO2	1	Sample		
16	16	SimSoln 03046	BLDALCO2	1	Sample		
17	17	SimSoln 03046	BLDALCO2	1	Sample		
18	18	SimSoln 03046	BLDALCO2	1	Sample		
19	19	SimSoln 03046	BLDALCO2	1	Sample		
20	20	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
21	21	BLANK	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

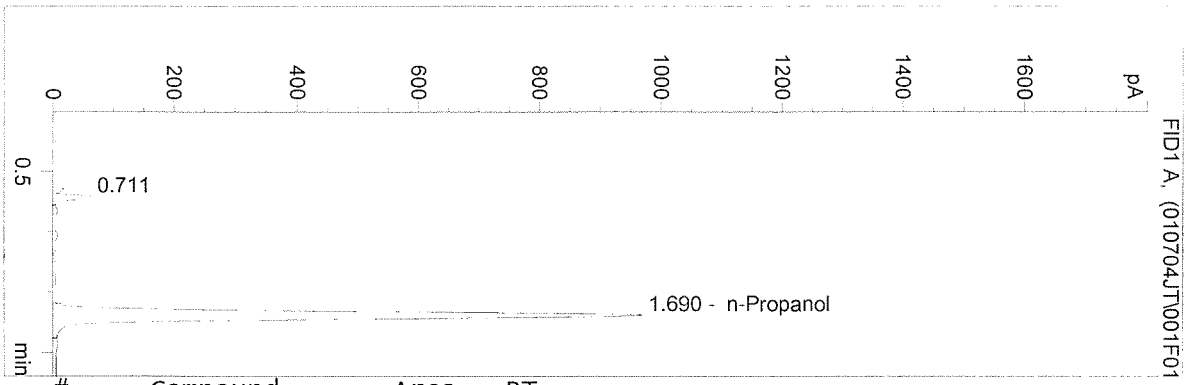
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

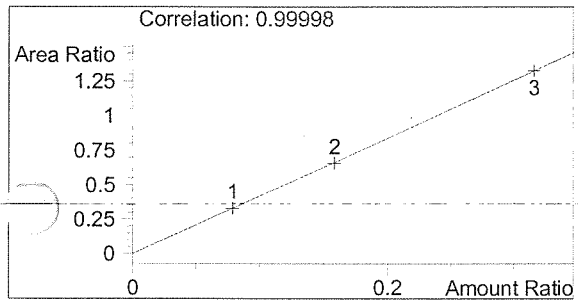
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 1:53:27 PM
Instrument 2
DB-ALC1

BLANK
Jayne E. Thatcher

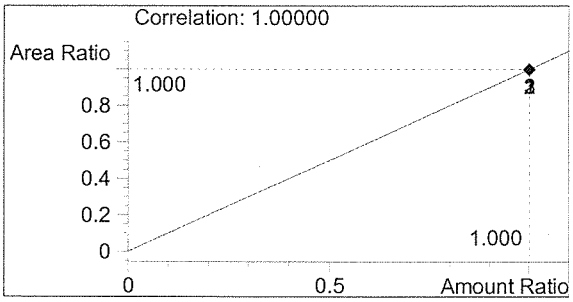
vial # 1



#	Compound	Area	RT
1		153	0.711
2	Ethanol	0	0.000
3	n-Propanol	4081	1.690
Totals:			



Ethanol 0.000 g/100ml

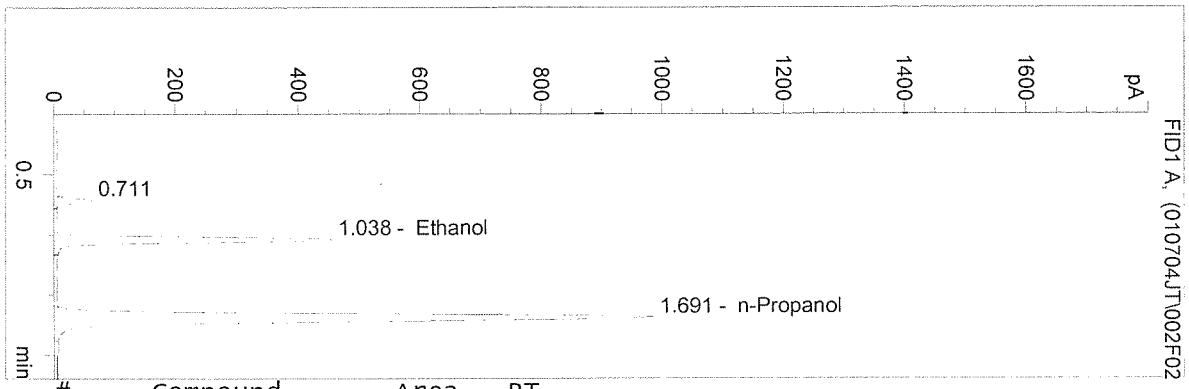


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 1:56:32 PM
Instrument 2
DB-ALC1

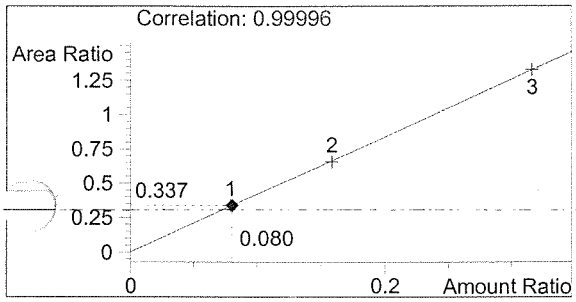
0.079 CAL
Jayne E. Thatcher

vial # 2

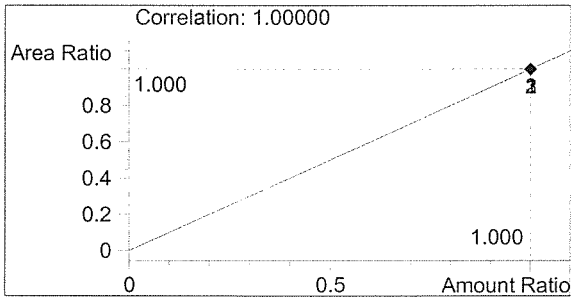


#	Compound	Area	RT
1		151	0.711
2	Ethanol	1400	1.038
3	n-Propanol	4155	1.691

Totals:



Ethanol 0.080 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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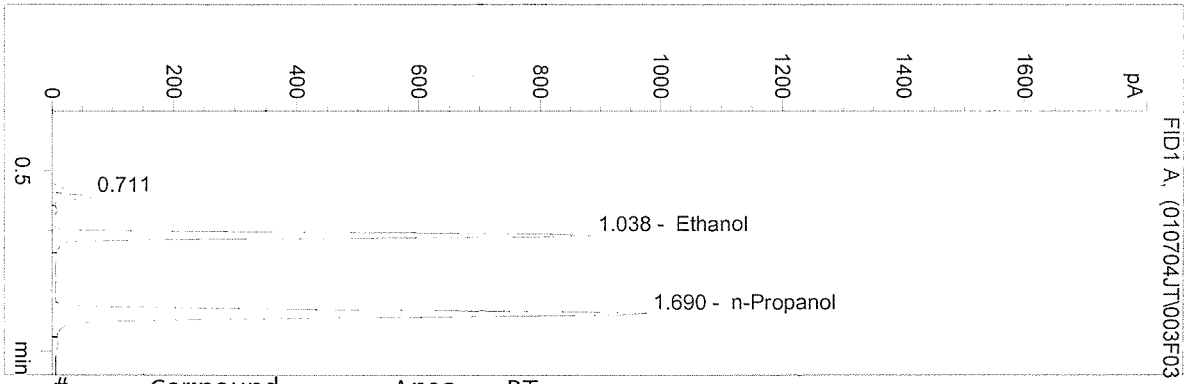
Instrument 2
[illegible]-ALC1

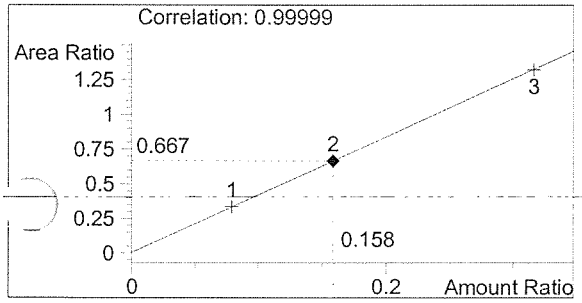
0.158 CAL
Jayne E. Thatcher

vial # 3

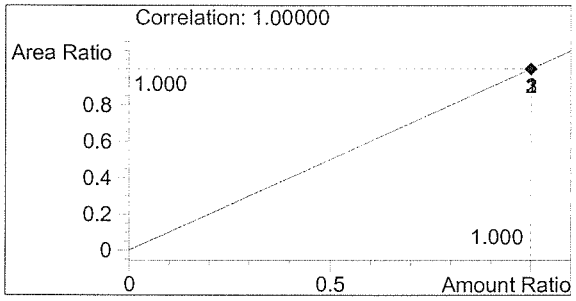


#	Compound	Area	RT
1		159	0.711
2	Ethanol	2748	1.038
3	n-Propanol	4118	1.690

Totals:



Ethanol 0.158 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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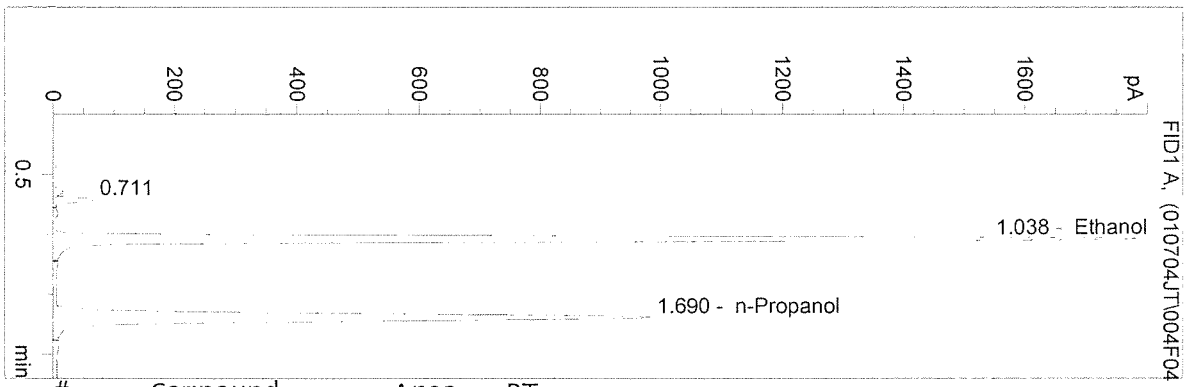
Instrument 2
DR-ALC1

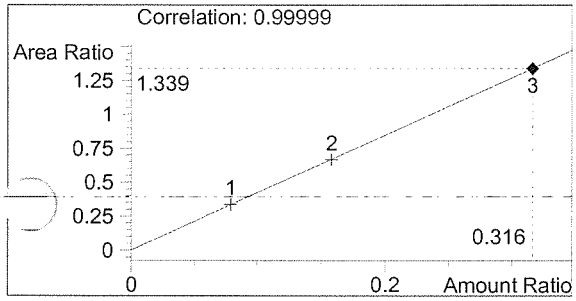
0.316 CAL
Jayne E. Thatcher

vial # 4

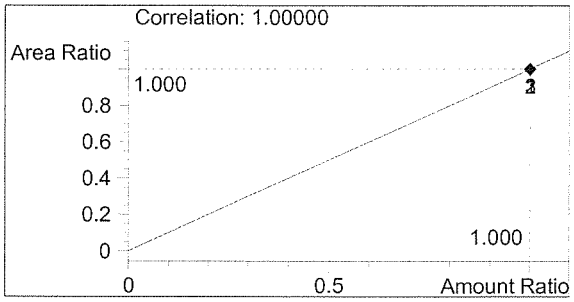


#	Compound	Area	RT
1		163	0.711
2	Ethanol	5550	1.038
3	n-Propanol	4145	1.690

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DB-ALC1

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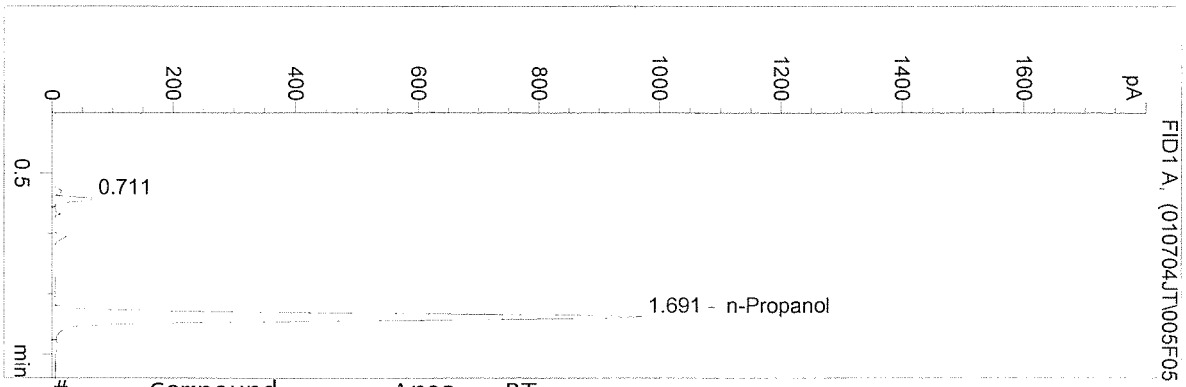
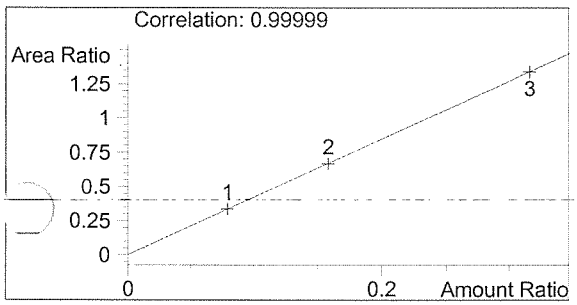
Jayne E. Thatcher

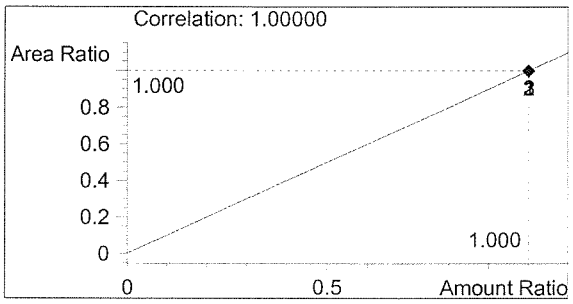
vial # 5



#	Compound	Area	RT
1		161	0.711
2	Ethanol	0	0.000
3	n-Propanol	4097	1.691
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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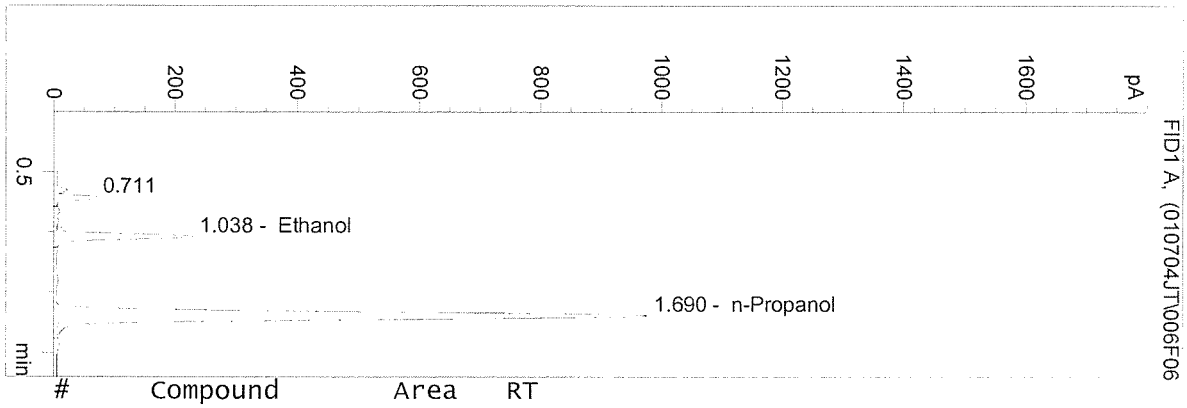
Instrument 2
DB-ALC1

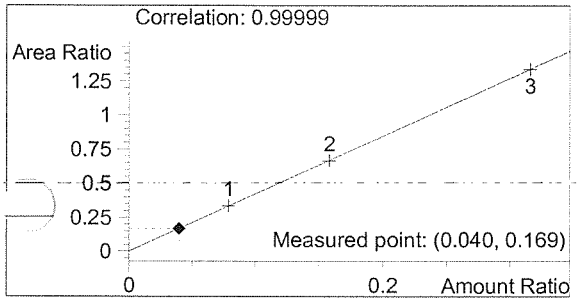
0.04 CONTROL
Jayne E. Thatcher

vial # 6

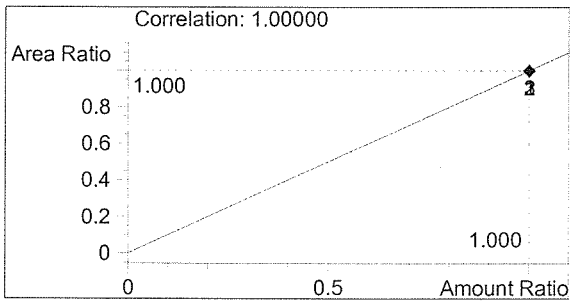


#	Compound	Area	RT
1		172	0.711
2	Ethanol	696	1.038
3	n-Propanol	4120	1.690

Totals:



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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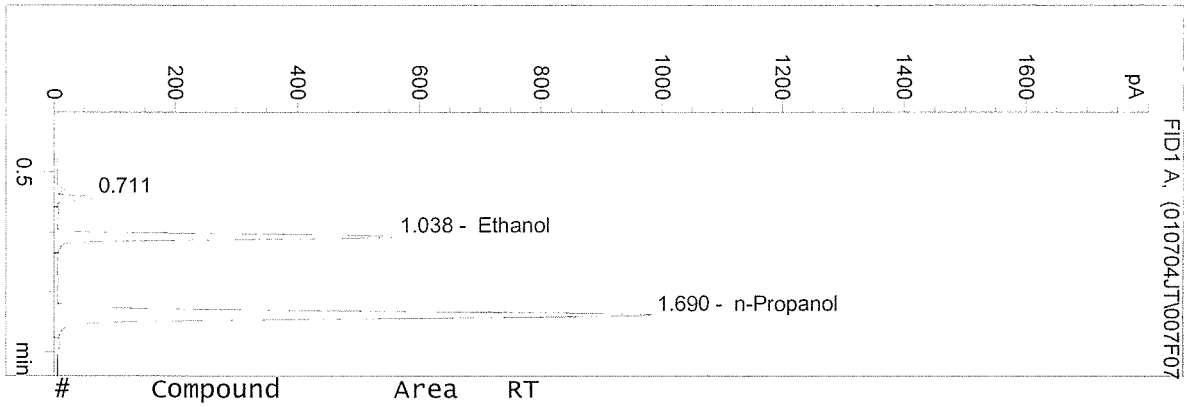
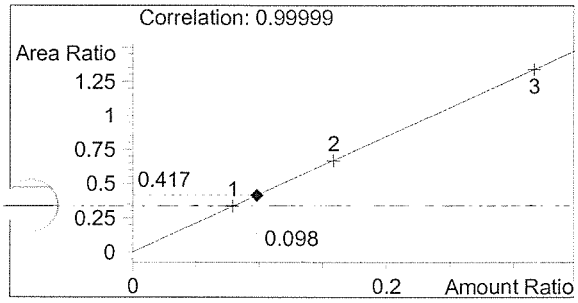
0.10 CONTROL
Jayne E. Thatcher

vial # 7

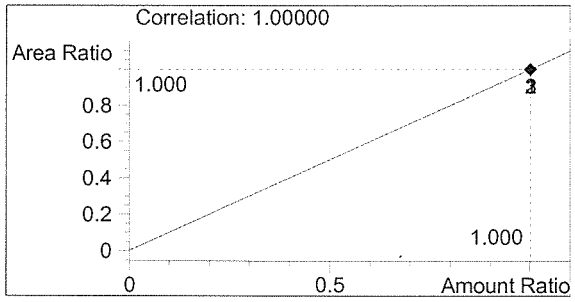


#	Compound	Area	RT
1		151	0.711
2	Ethanol	1721	1.038
3	n-Propanol	4129	1.690

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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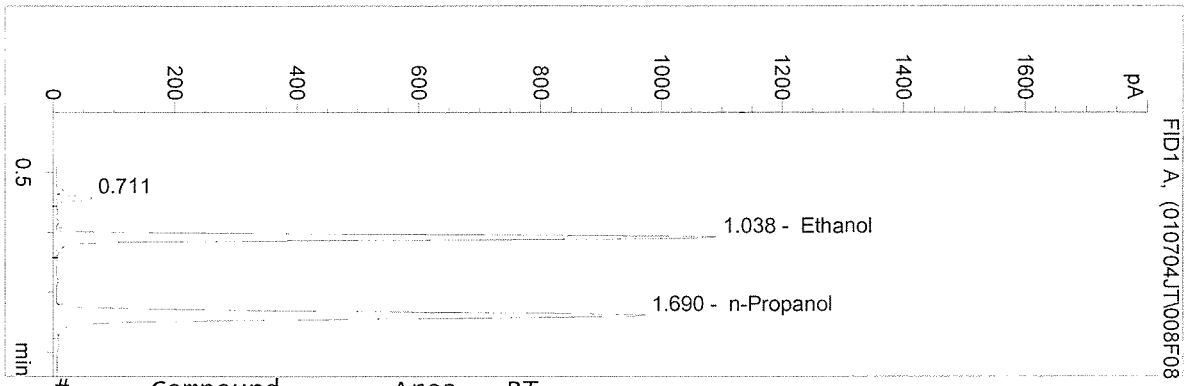
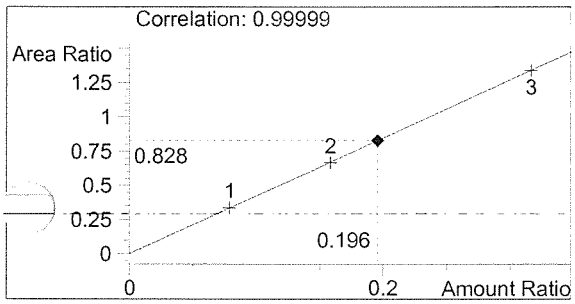
0.20 CONTROL
Jayne E. Thatcher

vial # 8

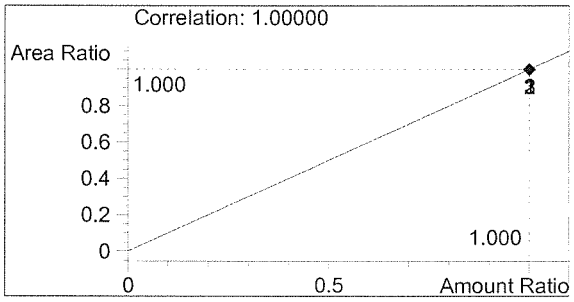


#	Compound	Area	RT
1		153	0.711
2	Ethanol	3395	1.038
3	n-Propanol	4098	1.690

Totals:



Ethanol 0.196 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DB-ALC1

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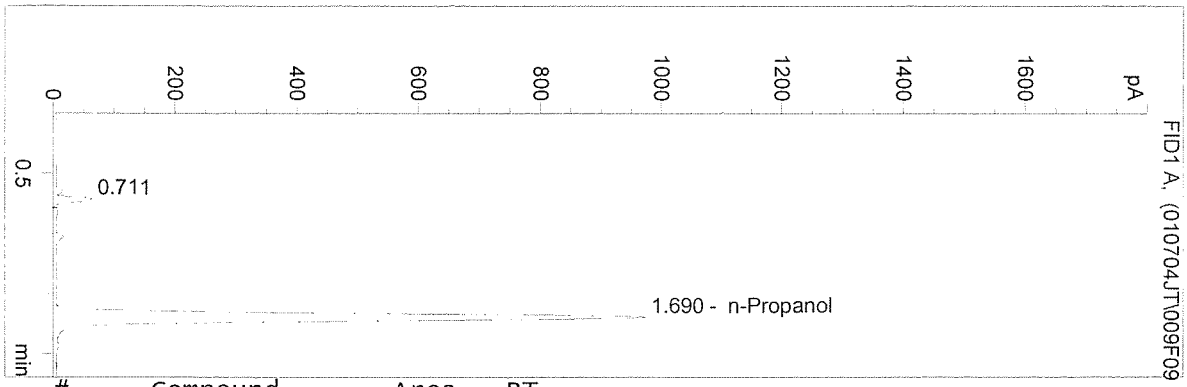
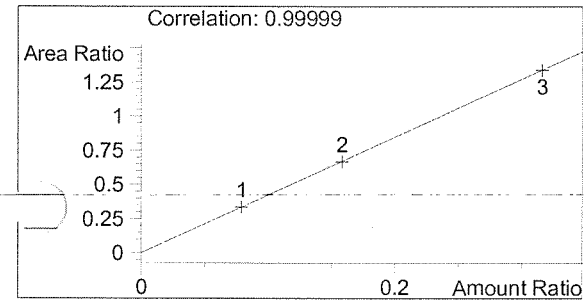
Jayne E. Thatcher

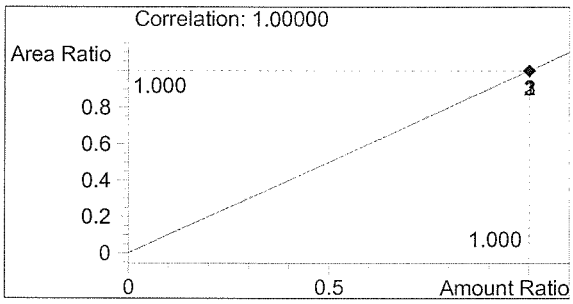
vial # 9



#	Compound	Area	RT
1		148	0.711
2	Ethanol	0	0.000
3	n-Propanol	4098	1.690
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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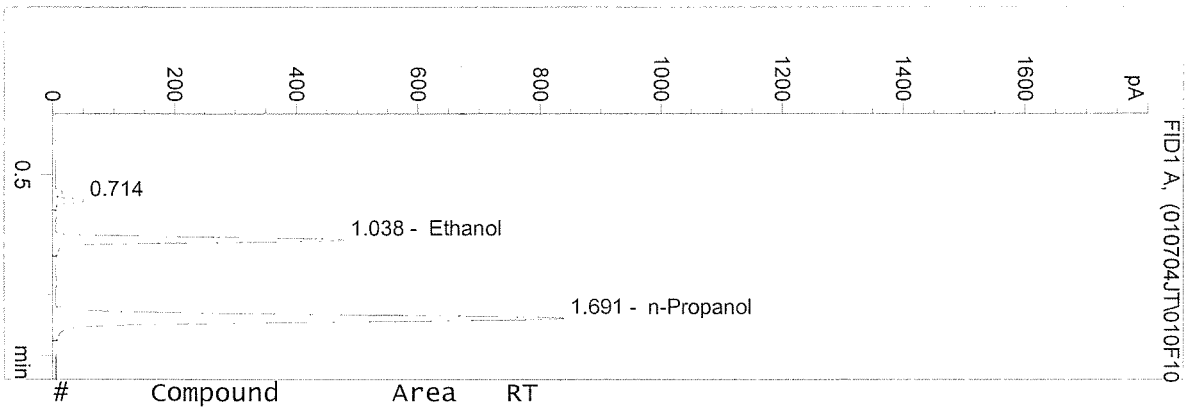
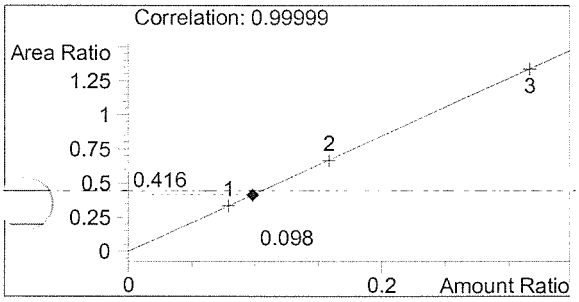
SimSoln 03041
Jayne E. Thatcher

vial # 10

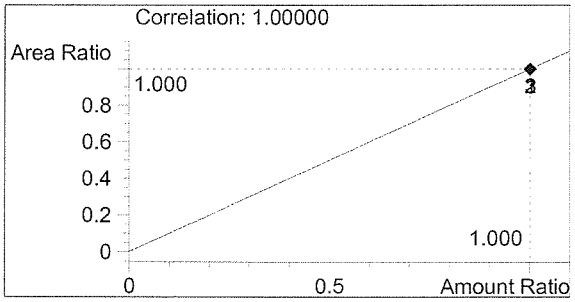


#	Compound	Area	RT
1		117	0.714
2	Ethanol	1469	1.038
3	n-Propanol	3530	1.691

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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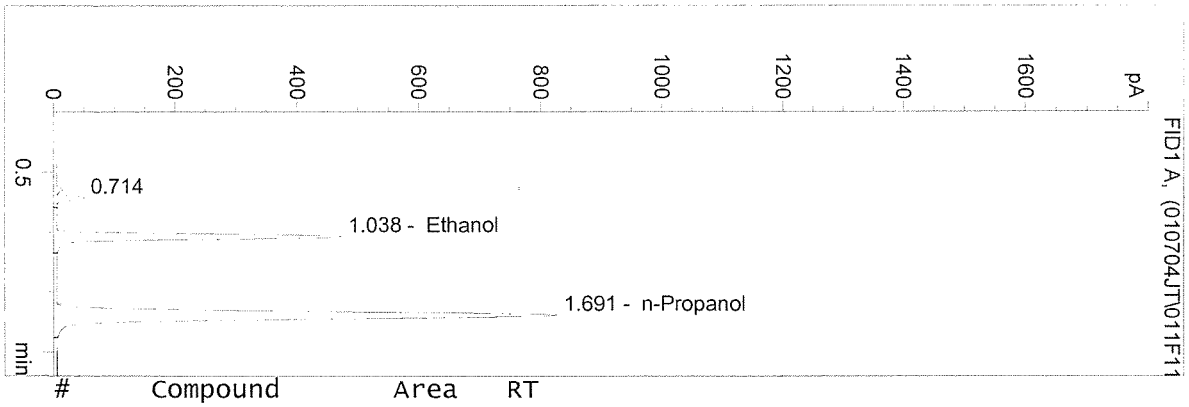
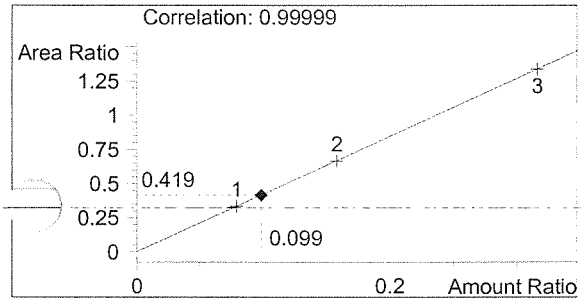
SimSoln 03041
Jayne E. Thatcher

vial # 11

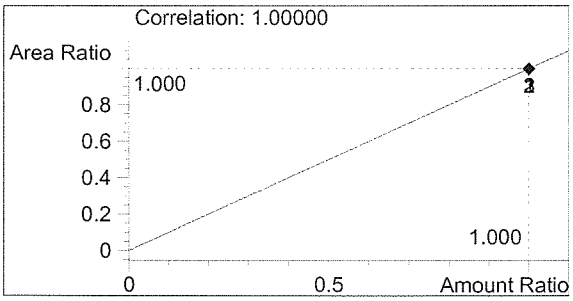


#	Compound	Area	RT
1		117	0.714
2	Ethanol	1456	1.038
3	n-Propanol	3478	1.691

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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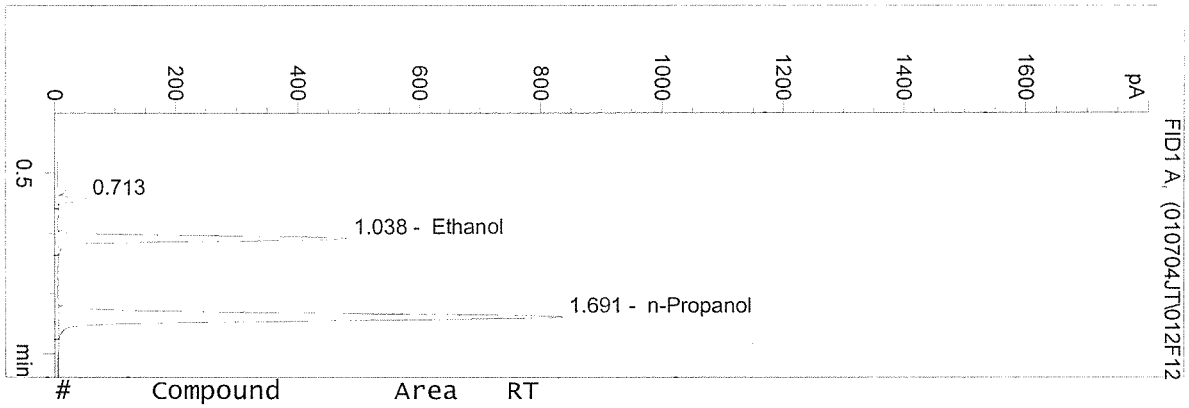
Instrument 2
DB-ALC1

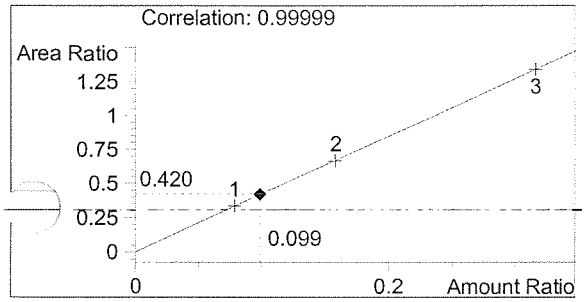
SimSoln 03041
Jayne E. Thatcher

vial # 12

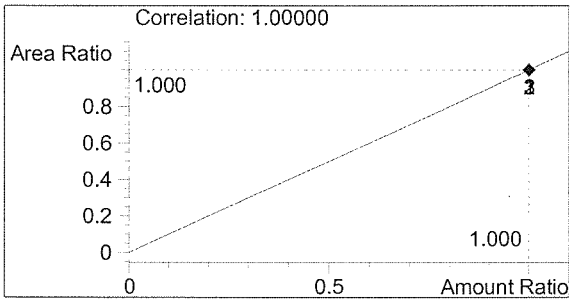


#	Compound	Area	RT
1		122	0.713
2	Ethanol	1479	1.038
3	n-Propanol	3521	1.691

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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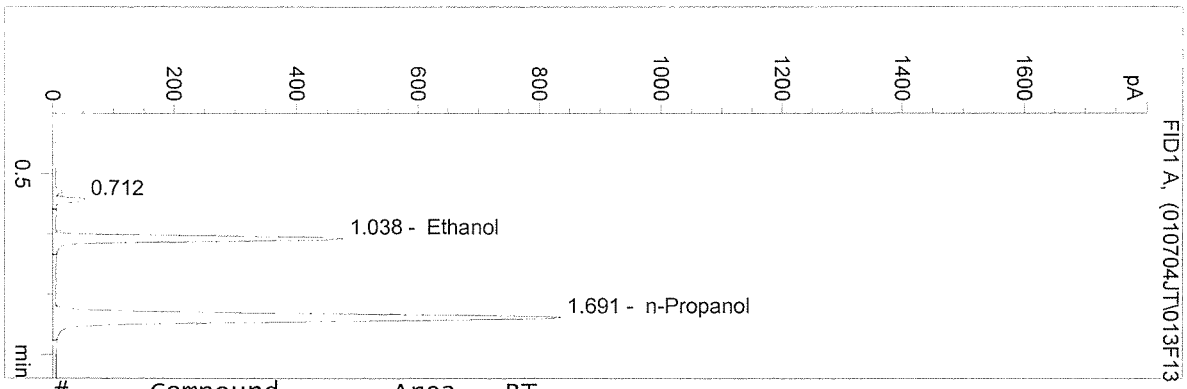
Instrument 2
DB-ALC1

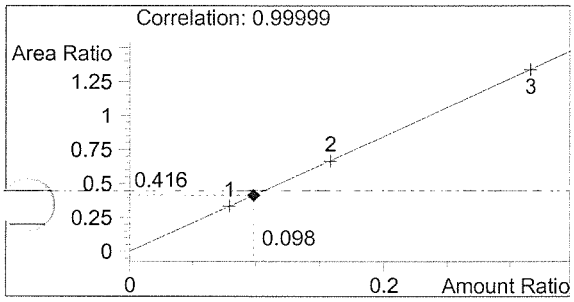
SimSoln 03041
Jayne E. Thatcher

vial # 13

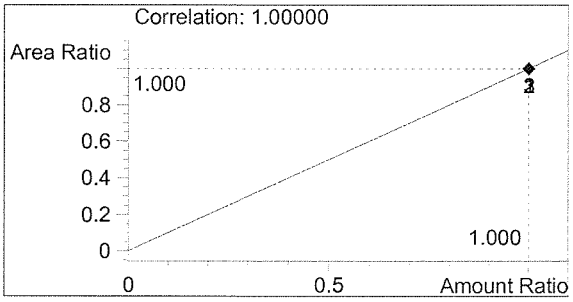


#	Compound	Area	RT
1		122	0.712
2	Ethanol	1466	1.038
3	n-Propanol	3520	1.691

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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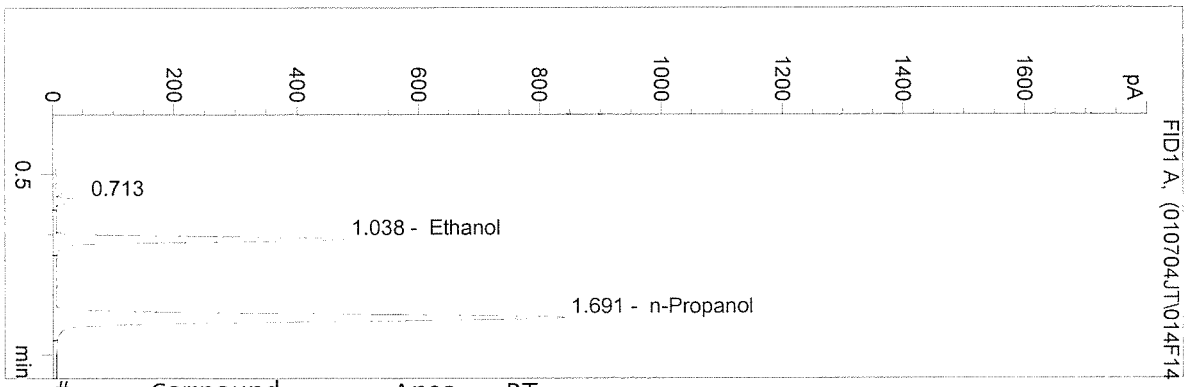
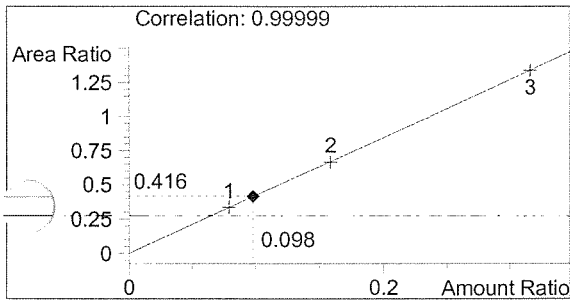
SimSoln 03041
Jayne E. Thatcher

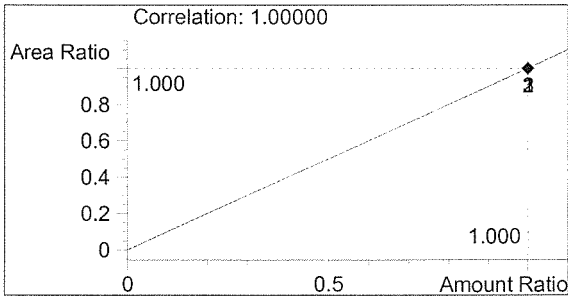
vial # 14



#	Compound	Area	RT
1		124	0.713
2	Ethanol	1470	1.038
3	n-Propanol	3536	1.691
Totals:			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DB-ALC1

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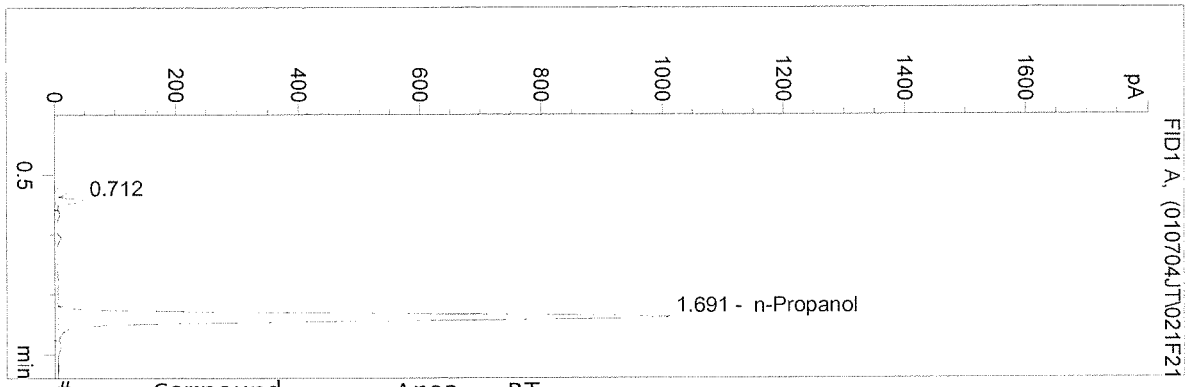
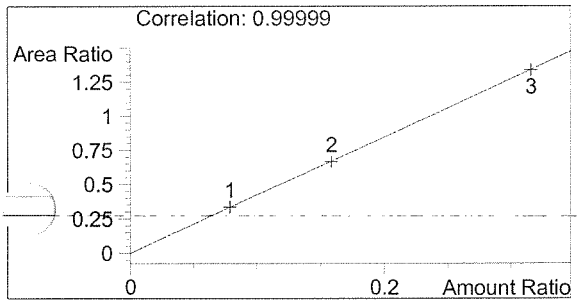
Jayne E. Thatcher

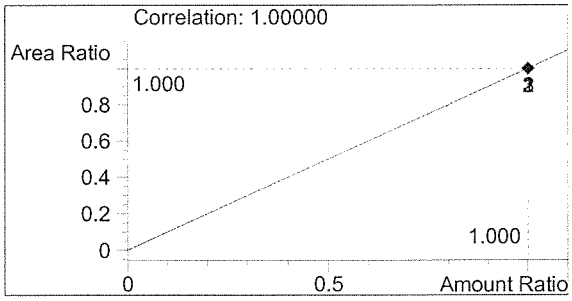
vial # 21



#	Compound	Area	RT
1		114	0.712
2	Ethanol	0	0.000
3	n-Propanol	4259	1.691
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
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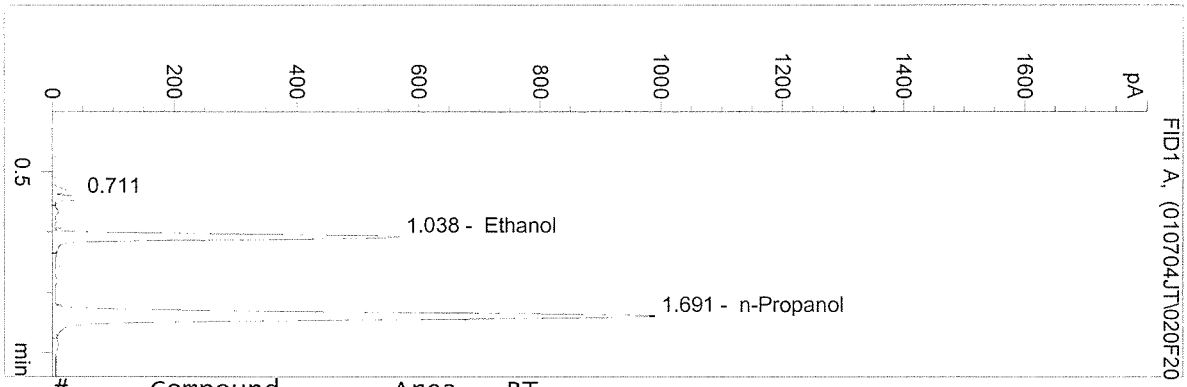
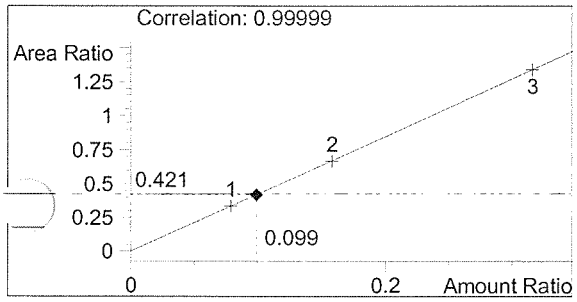
0.10 CONTROL
Jayne E. Thatcher

vial # 20

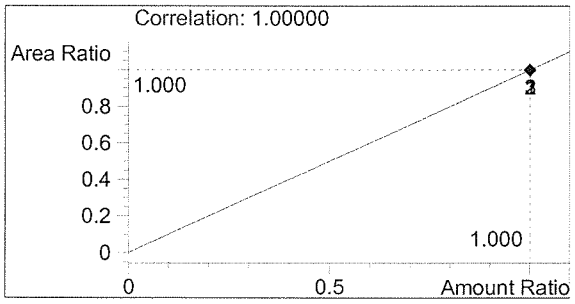


#	Compound	Area	RT
1		112	0.711
2	Ethanol	1753	1.038
3	n-Propanol	4169	1.691

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 2
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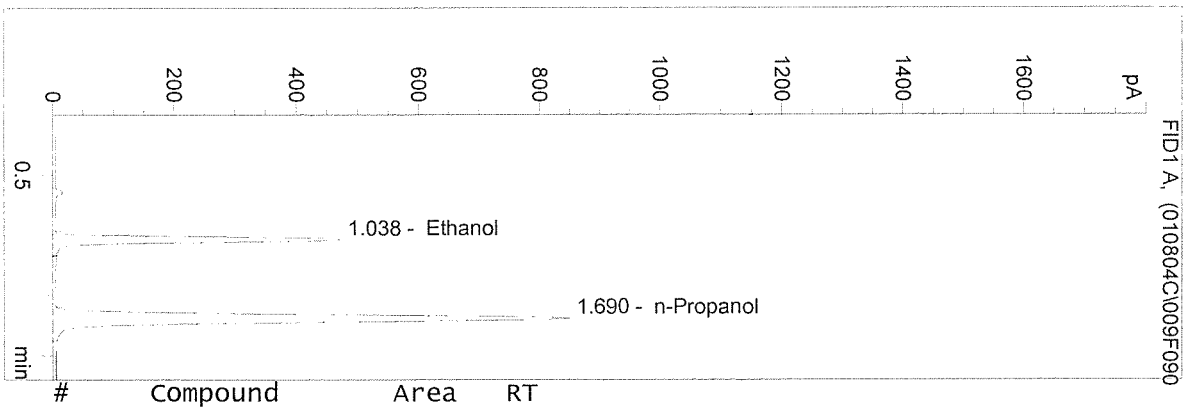
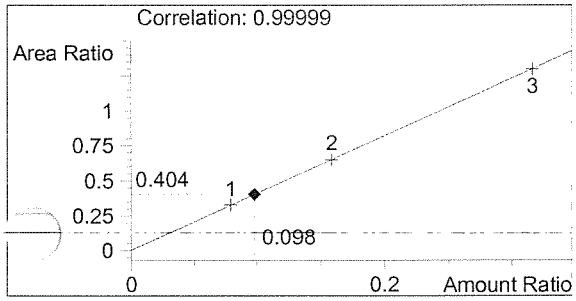
ED FORMOSO

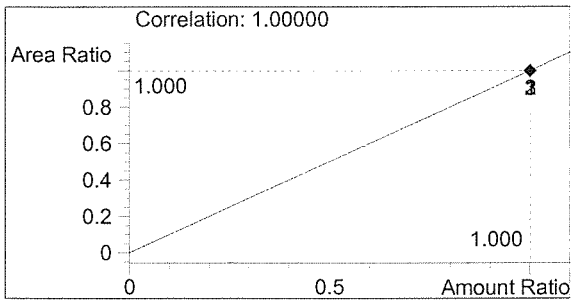
vial # 9



#	Compound	Area	RT
1	Ethanol	1452	1.038
2	n-Propanol	3592	1.690
Totals:			



Ethanol 0.098 g/100ml



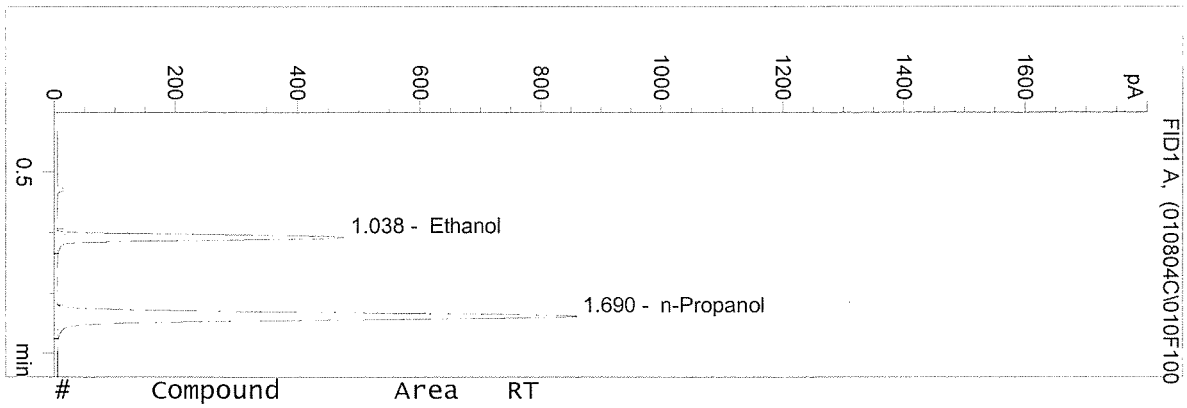
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

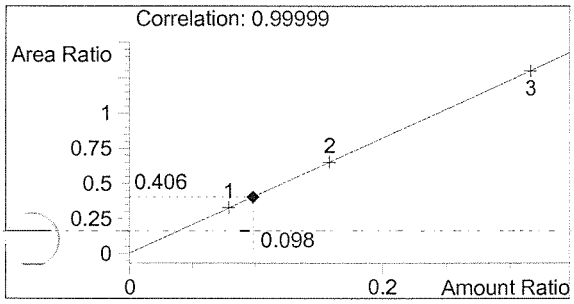
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/8/04 12:36:26 PM
Instrument 2
DB-ALC1

03041
ED FORMOSO

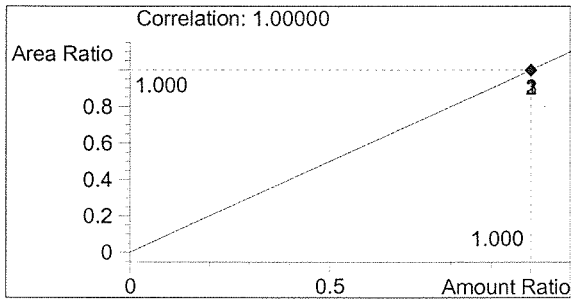
vial # 10



#	Compound	Area	RT
1	Ethanol	1470	1.038
2	n-Propanol	3625	1.690
Totals:			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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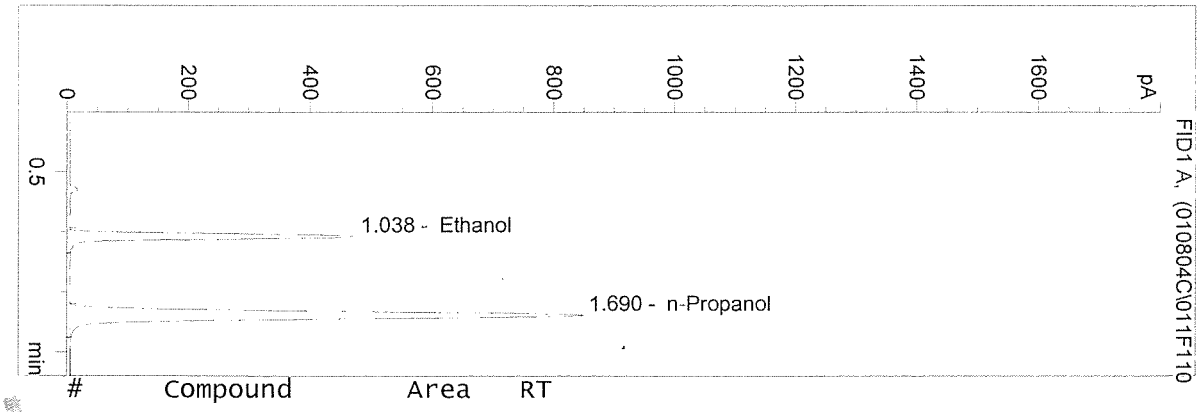
1/8/04 12:39:31 PM
Instrument 2
DB-ALC1

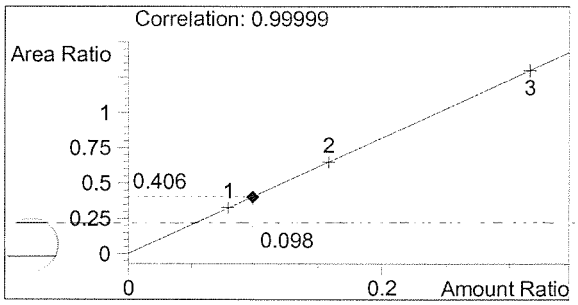
03041
ED FORMOSO

vial # 11

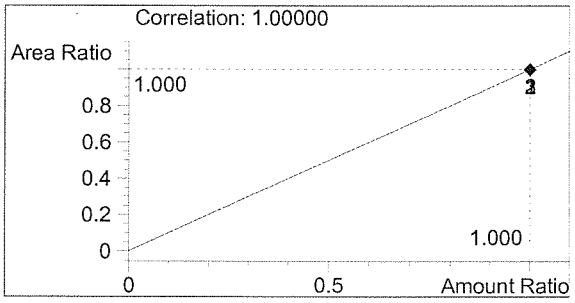


#	Compound	Area	RT
1	Ethanol	1456	1.038
2	n-Propanol	3584	1.690

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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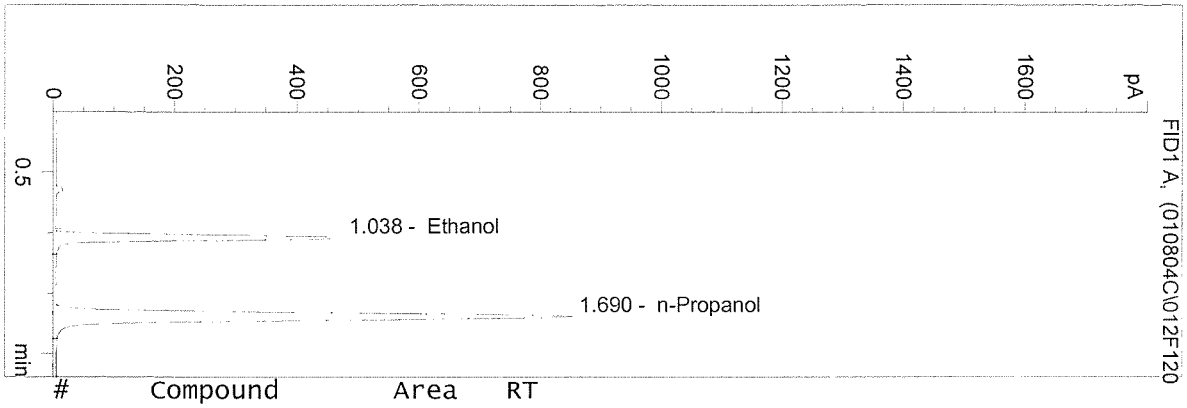
1/8/04 12:42:35 PM
Instrument 2
DR-ALC1

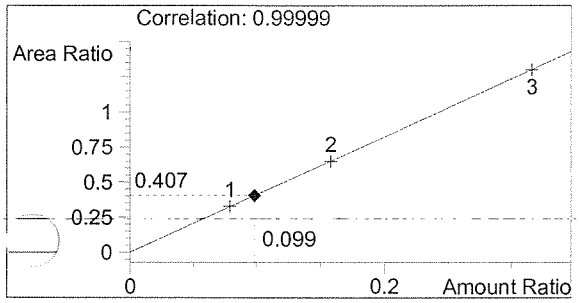
03041
ED FORMOSO

vial # 12

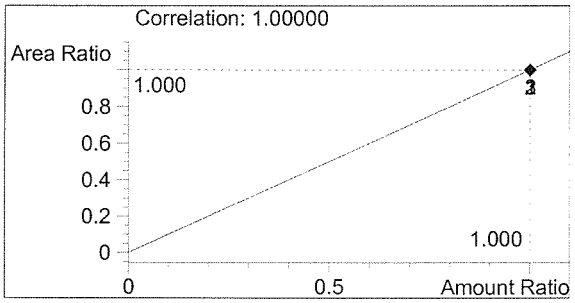


#	Compound	Area	RT
1	Ethanol	1464	1.038
2	n-Propanol	3597	1.690

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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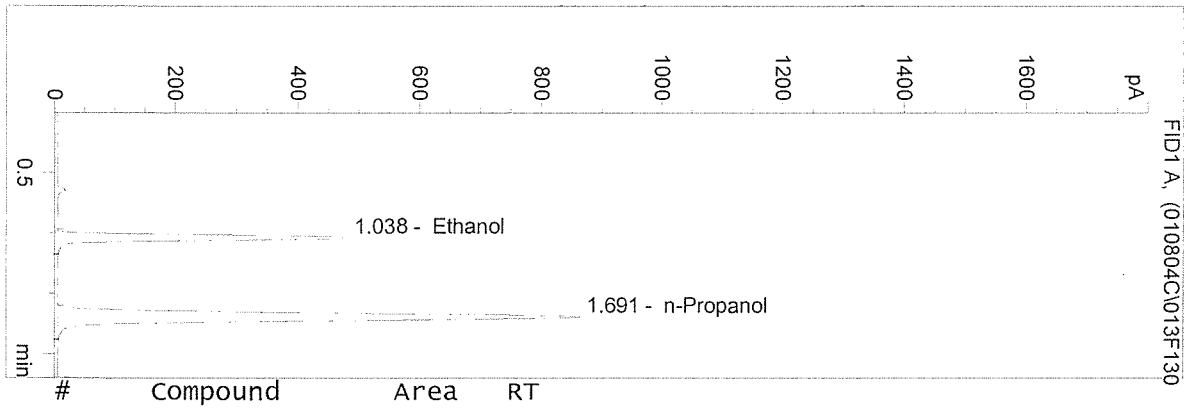
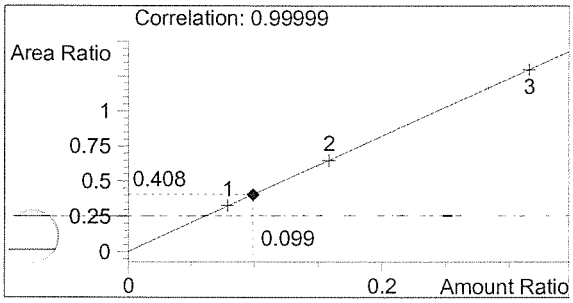
1/8/04 12:45:40 PM
Instrument 2
DB-ALC1

03041
ED FORMOSO

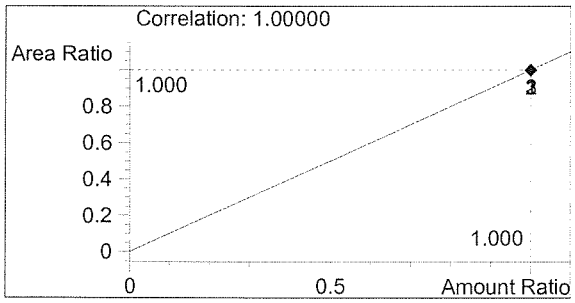
vial # 13



#	Compound	Area	RT
1	Ethanol	1490	1.038
2	n-Propanol	3650	1.691
Totals:			



Ethanol 0.099 g/100ml

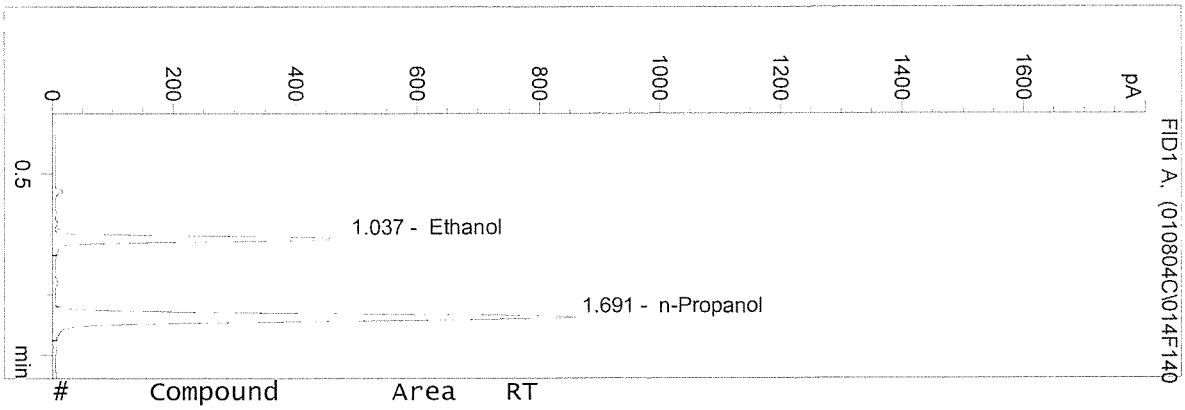


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/8/04 12:48:44 PM
Instrument 2
DR-ALC1

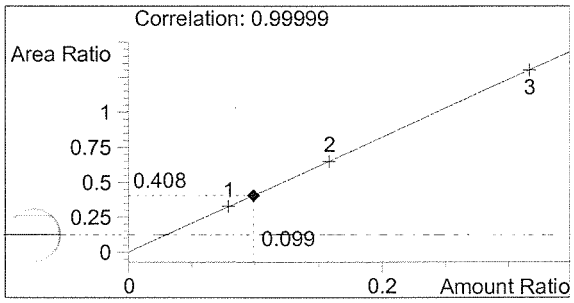
0.10 CONTROL
ED FORMOSO

vial # 14

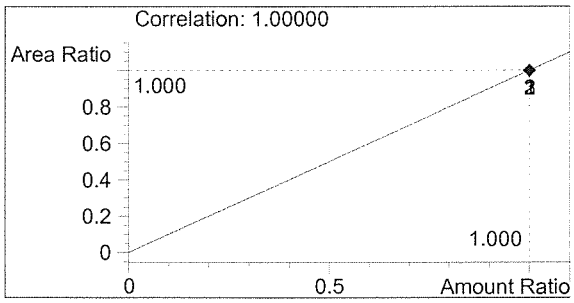


#	Compound	Area	RT
1	Ethanol	1483	1.037
2	n-Propanol	3635	1.691

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	ED FORMOSO
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	010804C
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Sample		
6	6	0.04 CAP	BLDALCO2	1	Ctrl Samp		
7	7	0.20 CONTROL	BLDALCO2	1	Ctrl Samp		
8	8	BLANK	BLDALCO2	1	Sample		
9	9	03041	BLDALCO2	1	Sample		
10	10	03041	BLDALCO2	1	Sample		
11	11	03041	BLDALCO2	1	Sample		
12	12	03041	BLDALCO2	1	Sample		
13	13	03041	BLDALCO2	1	Sample		
14	14	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
15	15	03046	BLDALCO2	1	Sample		
16	16	03046	BLDALCO2	1	Sample		
17	17	03046	BLDALCO2	1	Sample		
18	18	03046	BLDALCO2	1	Sample		
19	19	03046	BLDALCO2	1	Sample		
20	20	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		

Sequence Table (Back Injector):

No entries - empty table!

Calibration Table

Calib. Data Modified : Thursday, January 08, 2004 12:20:12 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.038	1	1	7.90000e-2	1203.59583	6.56367e-5	1		Ethanol
		2	1.58000e-1	2402.90479	6.57537e-5			
		3	3.16000e-1	4685.70361	6.74392e-5			
1.690	1	1	1.00000	3654.45728	2.73638e-4	I1		n-Propanol
		2	1.00000	3692.21997	2.70840e-4			
		3	1.00000	3606.75171	2.77258e-4			

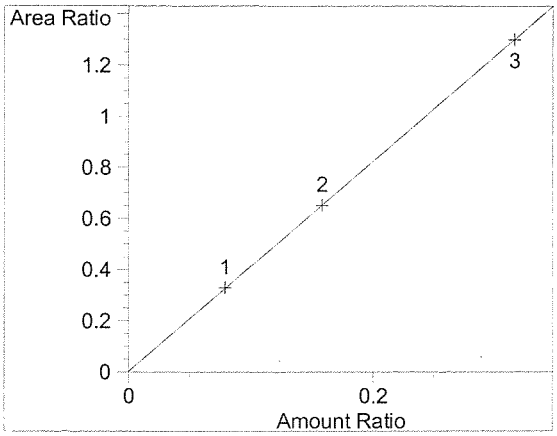
Peak Sum Table

No Entries in table

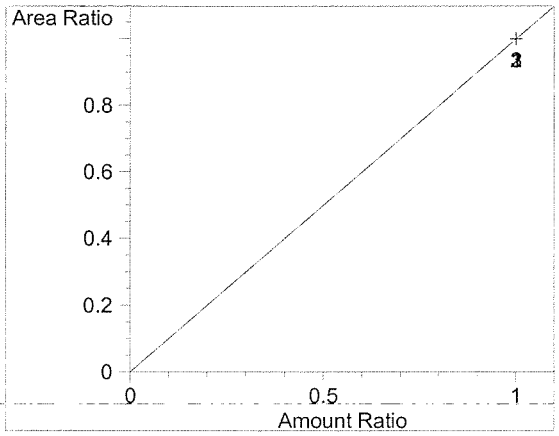
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.038
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00253
Formula: y = mx + b
m: 4.10672
b: 2.07091e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.690
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

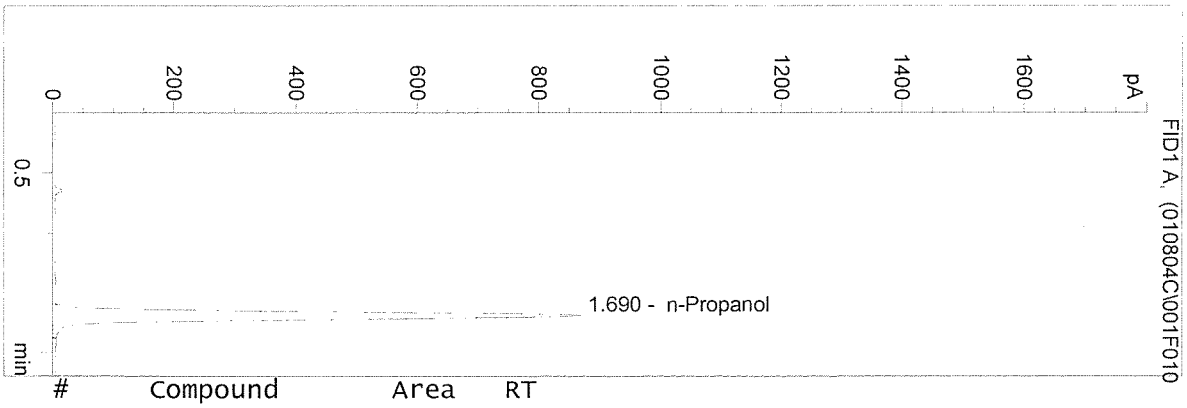
==========

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/8/04 12:08:44 PM
Instrument 2
DB-ALC1

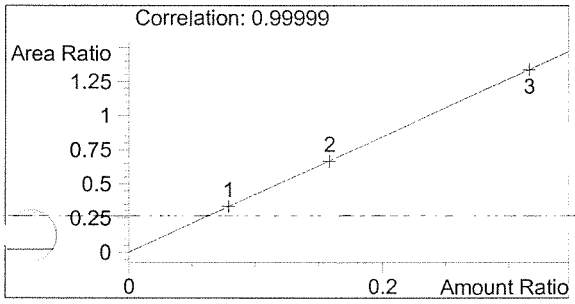
BLANK
ED FORMOSO

vial # 1

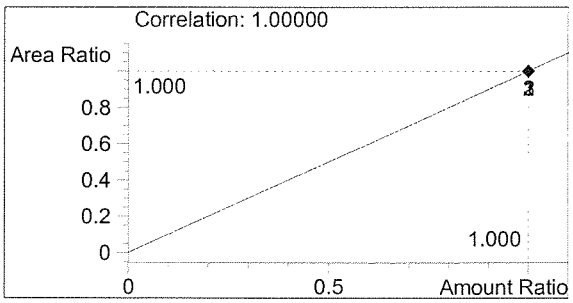


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3672	1.690

Totals:



Ethanol 0.000 g/100ml



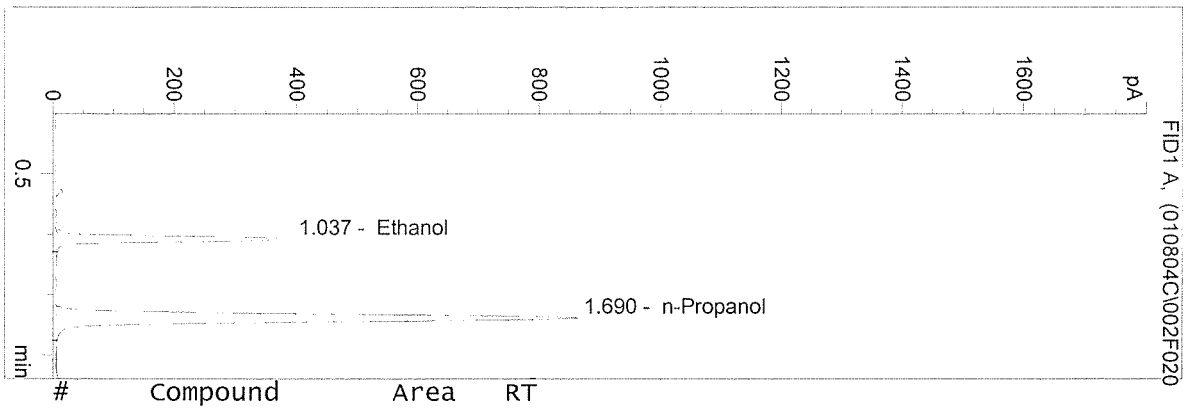
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/8/04 12:11:49 PM
Instrument 2
DR-ALC1

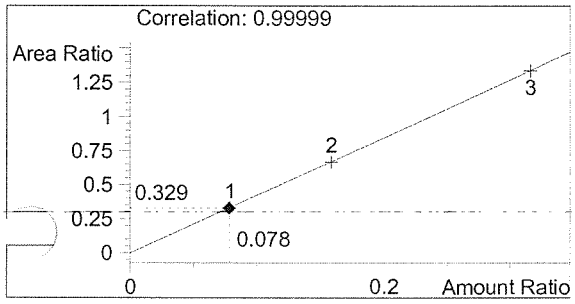
0.079 CAL
ED FORMOSO

vial # 2

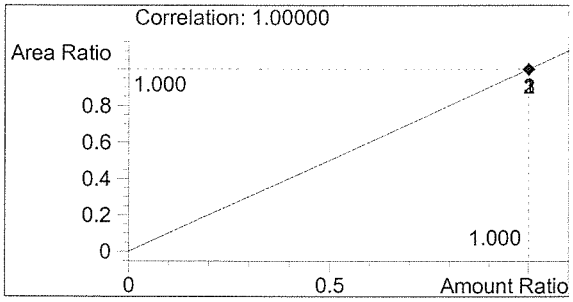


#	Compound	Area	RT
1	Ethanol	1204	1.037
2	n-Propanol	3654	1.690

Totals:



Ethanol 0.078 g/100ml



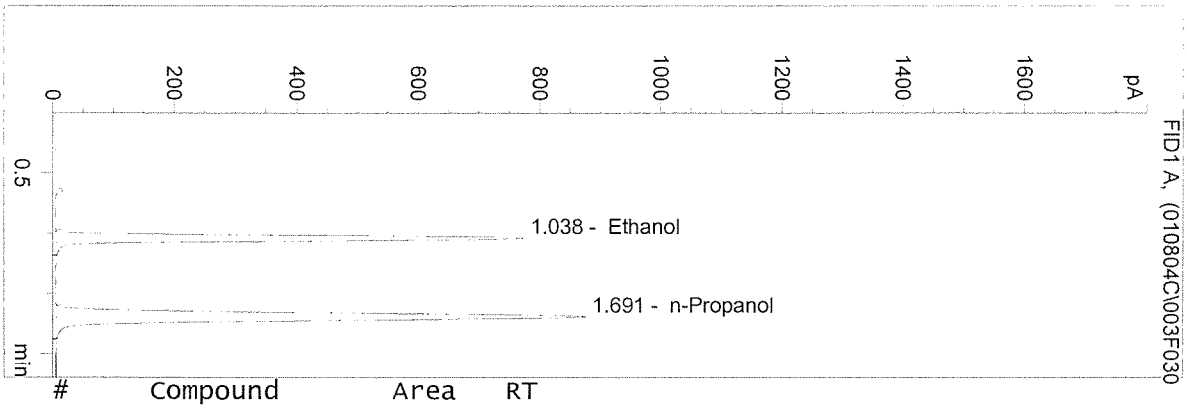
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

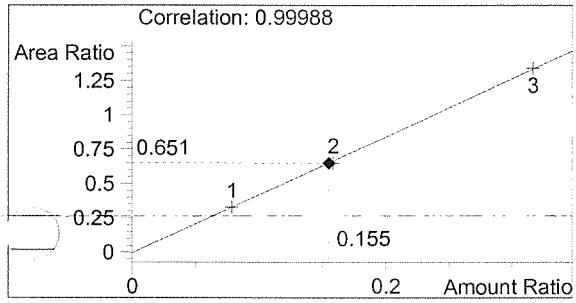
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/8/04 12:14:53 PM
Instrument 2
DB-ALC1

0.158 CAL
ED FORMOSO

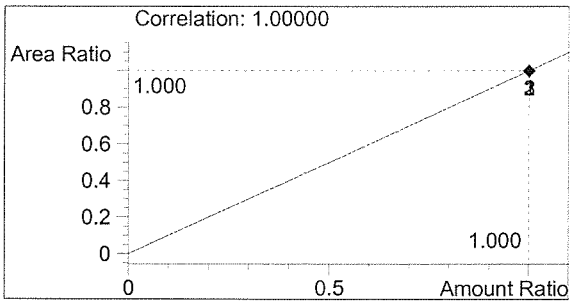
vial # 3



#	Compound	Area	RT
1	Ethanol	2403	1.038
2	n-Propanol	3692	1.691
Totals:			



Ethanol 0.155 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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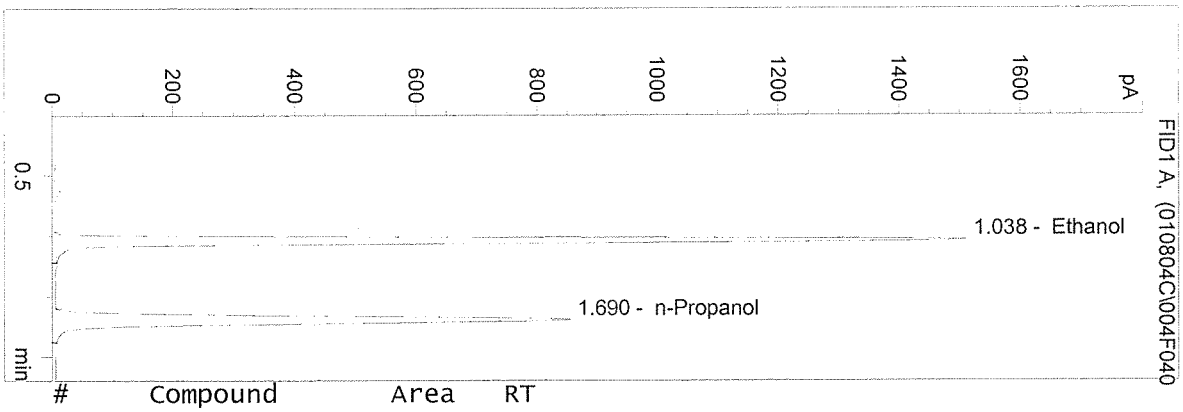
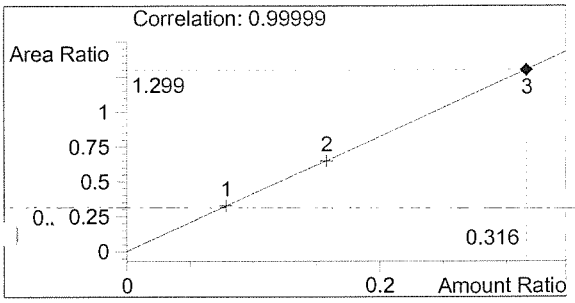
1/8/04 12:17:58 PM
Instrument 2
DRALC1

0.316 CAL
ED FORMOSO

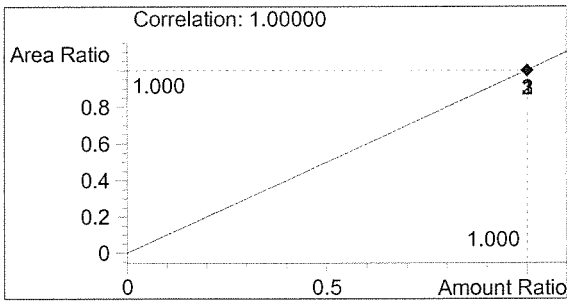
vial # 4



#	Compound	Area	RT
1	Ethanol	4686	1.038
2	n-Propanol	3607	1.690
Totals:			



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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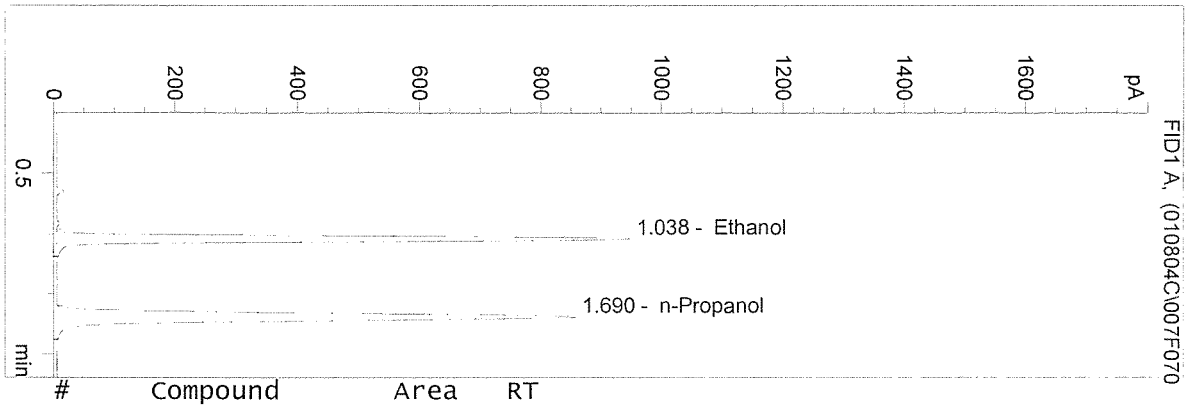
1/8/04 12:27:12 PM
Instrument 2
DB-ALC1

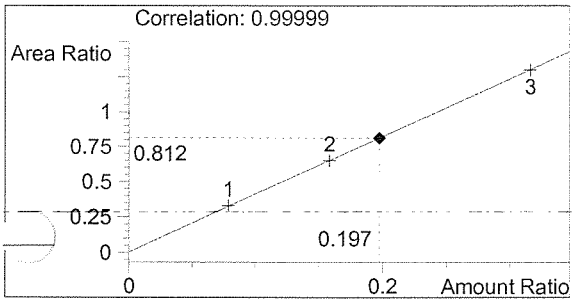
0.20 CONTROL
ED FORMOSO

vial # 7

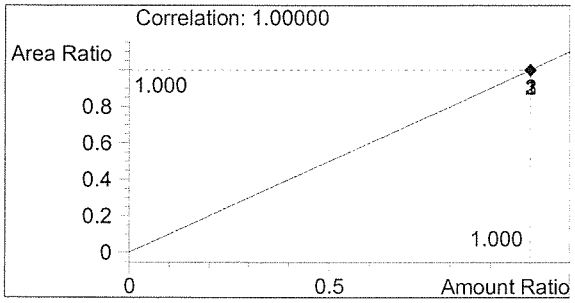


#	Compound	Area	RT
1	Ethanol	2944	1.038
2	n-Propanol	3623	1.690

Totals:



Ethanol 0.197 g/100ml



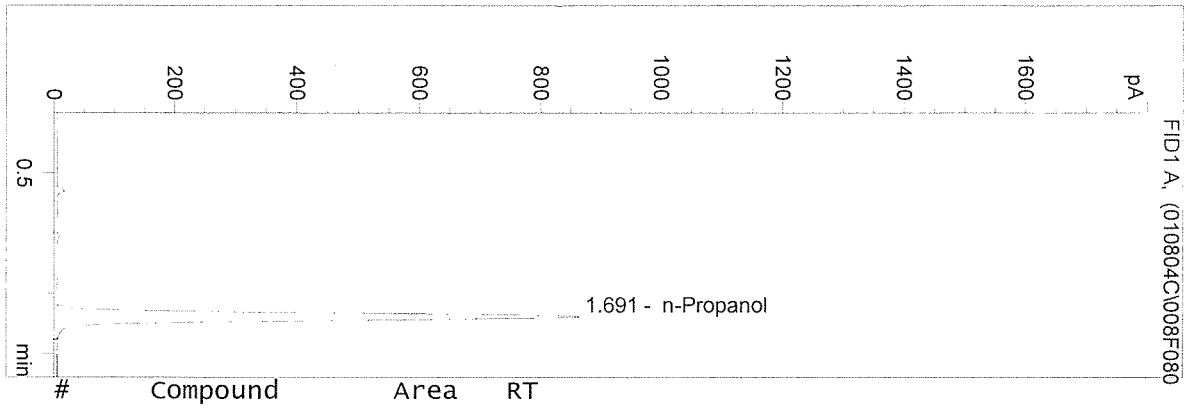
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/8/04 12:30:17 PM
Instrument 2
DB-ALC1

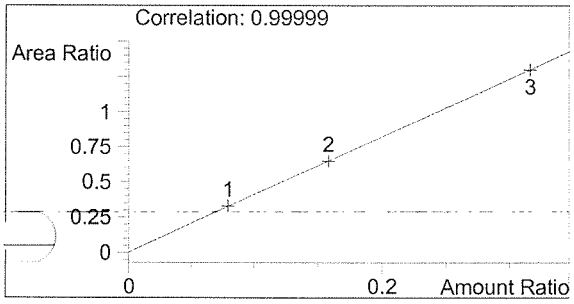
BLANK
ED FORMOSO

vial # 8

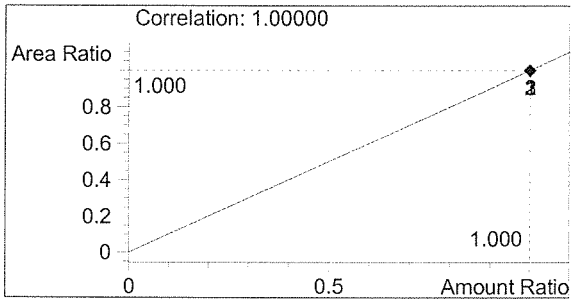


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3644	1.691

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml