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

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

Batch number **02028** Date: 7/24/2002

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	0.102	0.100	0.100	0.101	0.097	0.100	0.100	0.102	0.101			
2	0.101	0.100	0.101	0.102	0.099	0.102	0.100	0.103	0.102			
3	0.101	0.100	0.101	0.102	0.098	0.101	0.100	0.103	0.102			
4	0.102	0.100	0.101	0.102	0.098	0.101	0.101	0.103	0.102			
5	0.101	0.101	0.101	0.103	0.099	0.101	0.100	0.101	0.102			
Ctrl	0.102	0.098	0.098	0.100	0.097	0.100	0.101	0.100	0.100			

External Control:

Lot #: a021986 Exp date: 01/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1009 g/100 mL

SD: 0.00134

Range (3xSD): 0.0969 to 0.1049

Precision CV (%): 1.3281 %

Equivalent vapor concent.: 0.0820 g/210L

Analyst	Name	Signature	Date
1	Melissa Pemberton	Melissa L Pemberton	07/24/02
2	Naziha Nuwayhid, PhD	[illegible]	07/24/02
3	Edward Formoso	E Formoso	07/25/02
4	Estuardo J. Miranda	E Miranda	07/26/02
5	Jayne E. Thatcher	Jayne E. Thatcher	07/26/02
6	Ruth Luthi	Ruth Luthi	07/29/02
7	Eugene Schwilke	Eugene Schwilke	07/30/02
8	Ann Marie Gordon	Ann Marie Gordon	07/29/02
9	William P Marshall	Wm P Marshall	08/01/02
10			
11			
12			

Prepared by: Melissa Pemberton according to the approved protocol

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02028, was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPSIMSOL

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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 two years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The simulator solution, Lot Number 02028, was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02028, was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFSIMSOL

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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 four years experience in Forensic Toxicology.

The simulator Solution, Lot Number 02028 was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02028, was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/nf
JTSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Ruth Luthi, 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-two years of experience in analytical chemistry, and eighteen years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02028, was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The Simulator Solution, Lot Number 02028, was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

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

GS/nf
GSSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02028, was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/nf
AGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02028, was prepared in the Washington State Toxicology Laboratory on 7/24/02. 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 7/24/03.

Dated: 8/7/02
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/nf
WMSIMSOL

Sequence Parameters:

Operator:	M PEMBERTON
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	072402MP
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	

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CALIBRATOR	BLDALCO3	1	Calib		
3	3	0.158 CALIBRATOR	BLDALCO3	1	Calib		
4	4	0.316 CALIBRATOR	BLDALCO3	1	Calib		
5	5	0.04 control	BLDALCO3	1	Ctrl Samp		
6	6	0.20 control	BLDALCO3	1	Ctrl Samp		
7	7	0.10 control	BLDALCO3	1	Ctrl Samp		

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

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
8	8	blk	BLDALCO3	1	Sample		
9	9	02028 sim soln	BLDALCO3	1	Sample		
10	10	02028 sim soln	BLDALCO3	1	Sample		
11	11	02028 sim soln	BLDALCO3	1	Sample		
12	12	02028 sim soln	BLDALCO3	1	Sample		
13	13	02028 sim soln	BLDALCO3	1	Sample		
14	14	0.10 CONTROL	BLDALCO3	1	Sample		
15	15	BLK	BLDALCO3	1	Sample		

Calibration Part:

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

Quantification Part:

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	1	BLANK				
2	2	0.079 CALIBRATOR				
3	3	0.158 CALIBRATOR				
4	4	0.316 CALIBRATOR				
5	5	0.04 control				
6	6	0.20 control				
7	7	0.10 control				
8	8	blk				
9	9	02028 sim soln				
10	10	02028 sim soln				
11	11	02028 sim soln				
12	12	02028 sim soln				
13	13	02028 sim soln				
14	14	0.10 CONTROL				
15	15	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

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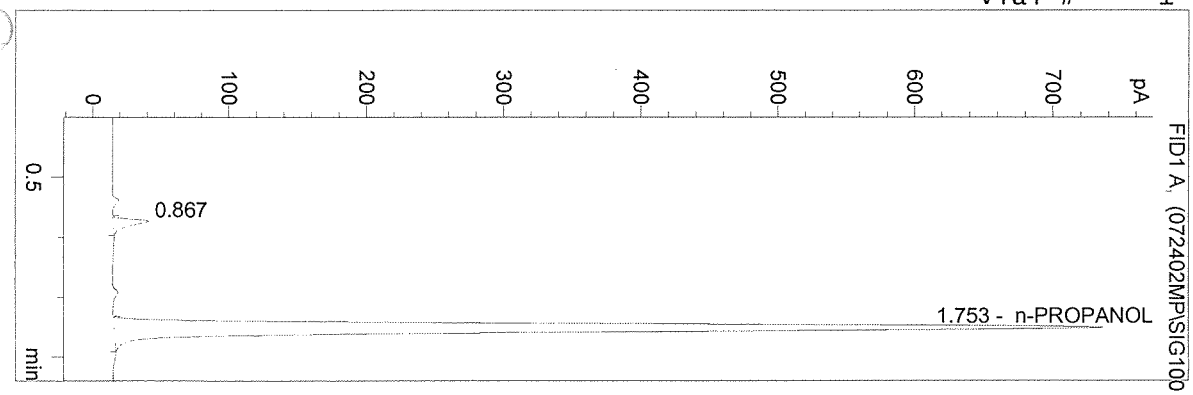
C:\HPCHEM\1\METHODS\BLDALCO3.M
7/24/02 9:19:58 AM
Instrument 3
DB-ALC1

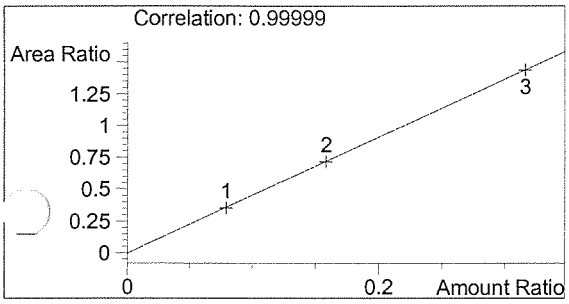
BLANK
M PEMBERTON

vial # 1

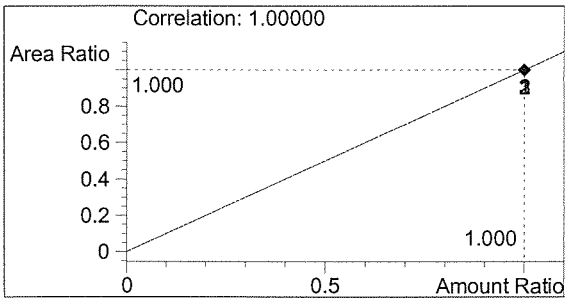


#	Compound	Area	RT
1		93	0.867
2	ETHANOL	0	0.000
3	n-PROPANOL	3306	1.753

Totals:



ETHANOL 0.000 mg/L



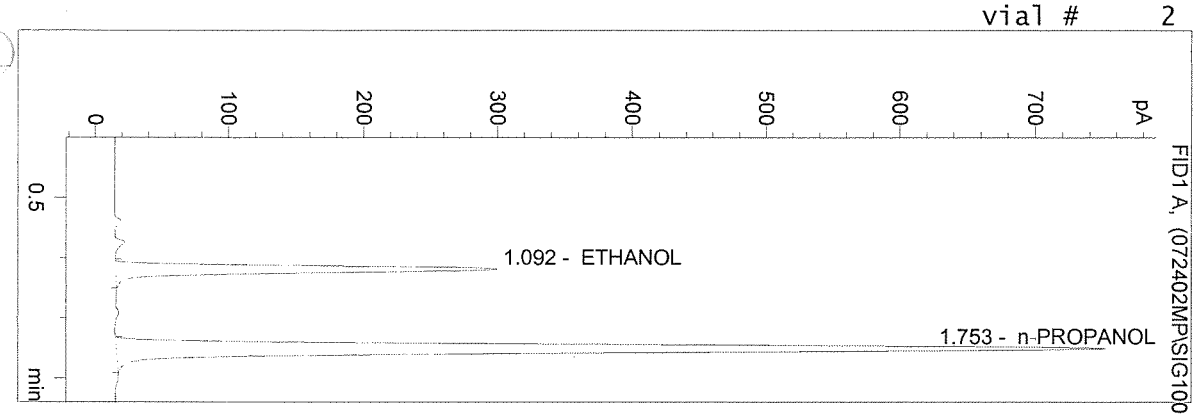
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/24/02 9:23:08 AM
Instrument 3
DB-ALC1

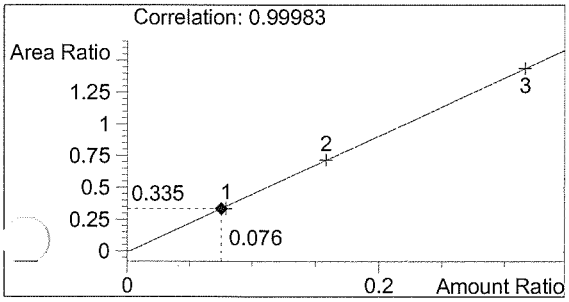
0.079 CALIBRATOR
M PEMBERTON

vial # 2

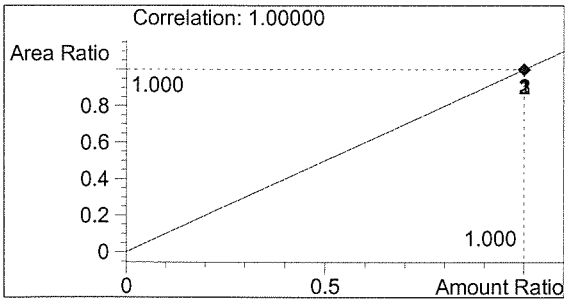


#	Compound	Area	RT
1	ETHANOL	1136	1.092
2	n-PROPANOL	3388	1.753

Totals:



ETHANOL 0.076 mg/L



n-PROPANOL 1.000 mg/L

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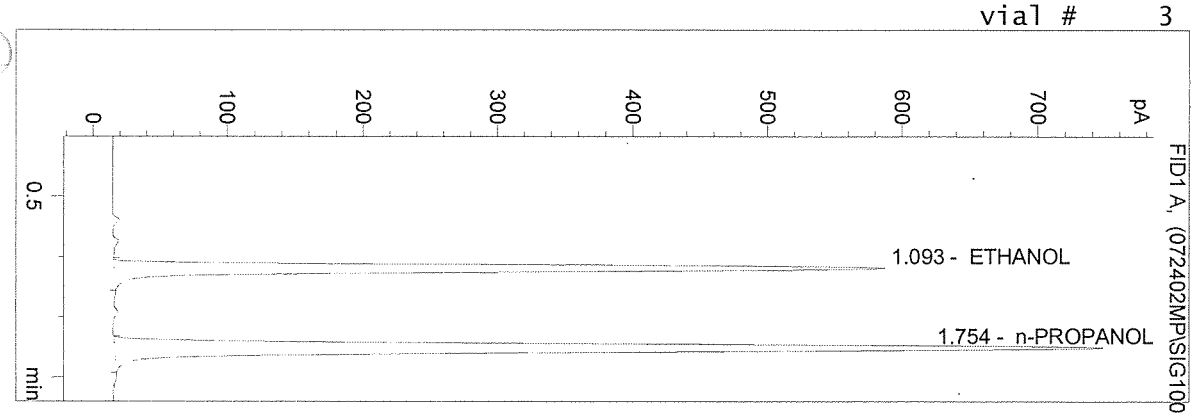
C:\HPCHEM\1\METHODS\BLDALCO3.M
7/24/02 9:26:18 AM
Instrument 3
DB-ALC1

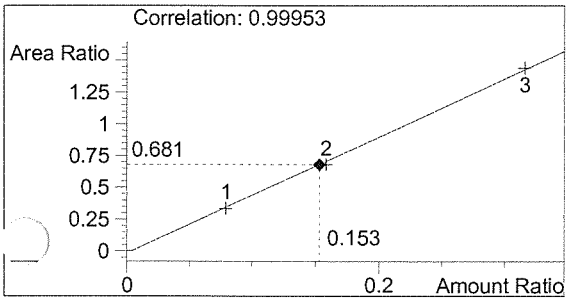
0.158 CALIBRATOR
M PEMBERTON

vial # 3

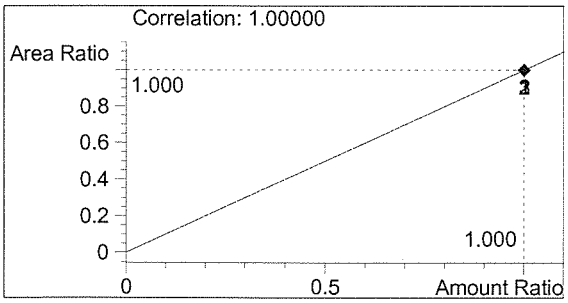


#	Compound	Area	RT
1	ETHANOL	2293	1.093
2	n-PROPANOL	3367	1.754

Totals:



ETHANOL 0.153 mg/L



n-PROPANOL 1.000 mg/L

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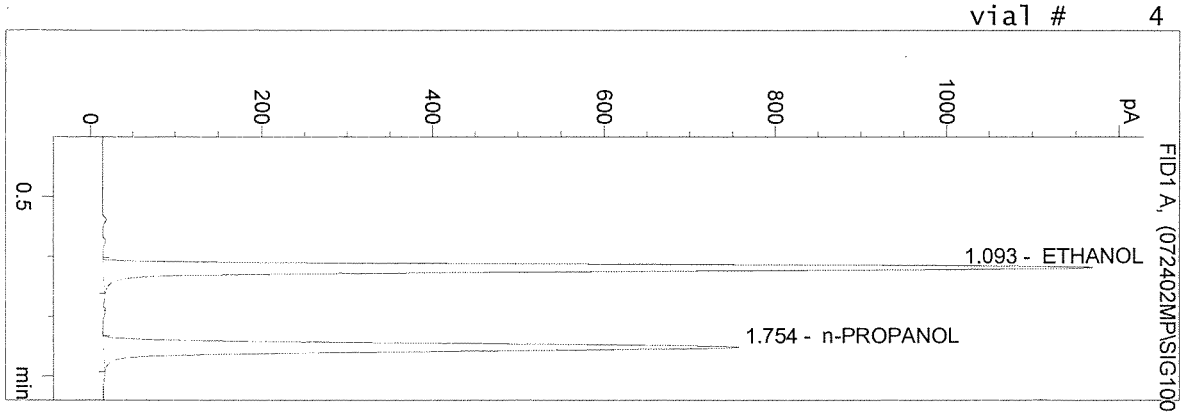
C:\HPCHEM\1\METHODS\BLDALCO3.M
7/24/02 9:29:29 AM
Instrument 3
DB-ALC1

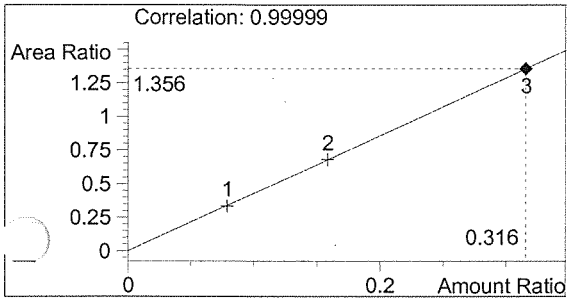
0.316 CALIBRATOR
M PEMBERTON

vial # 4

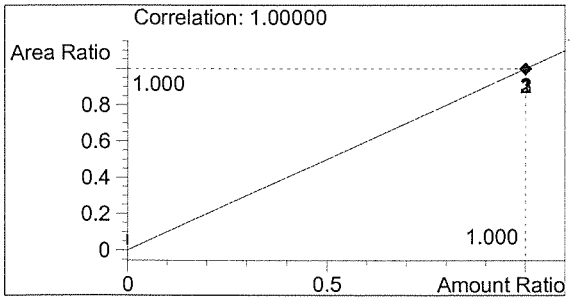


#	Compound	Area	RT
1	ETHANOL	4644	1.093
2	n-PROPANOL	3425	1.754

Totals:



ETHANOL 0.316 mg/L



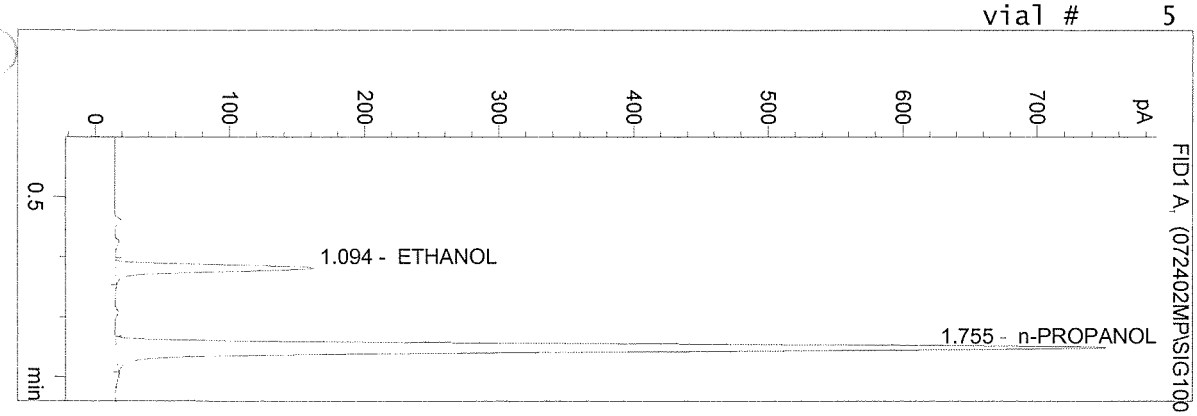
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/24/02 9:33:05 AM
Instrument 3
DB-ALC1

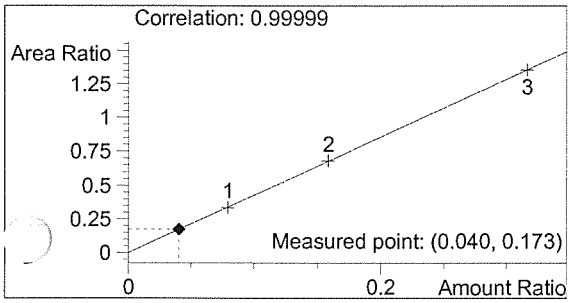
0.04 control
M PEMBERTON

vial # 5

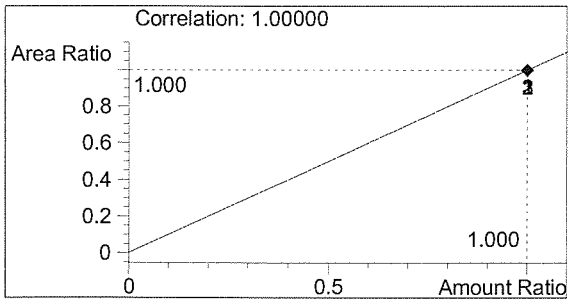


#	Compound	Area	RT
1	ETHANOL	577	1.094
2	n-PROPANOL	3343	1.755

Totals:



ETHANOL 0.040 mg/L



n-PROPANOL 1.000 mg/L

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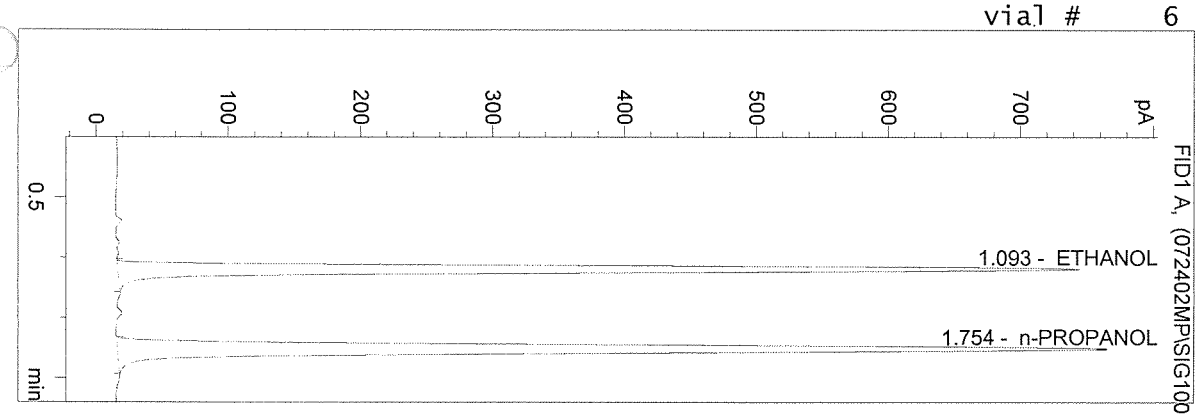
C:\HPCHEM\1\METHODS\BLDALCO3.M
7/24/02 9:36:15 AM
Instrument 3
DB-ALC1

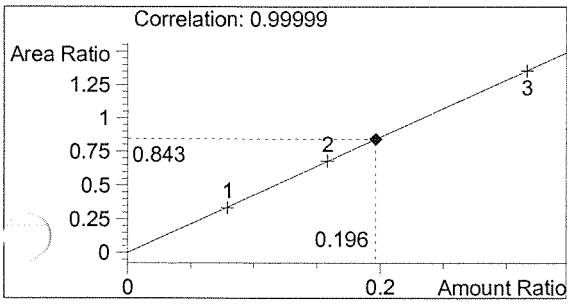
0.20 control
M PEMBERTON

vial # 6

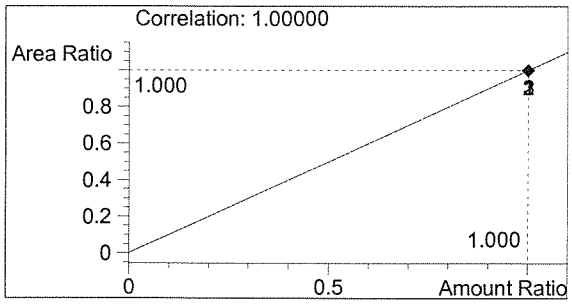


#	Compound	Area	RT
1	ETHANOL	2888	1.093
2	n-PROPANOL	3427	1.754

Totals:



ETHANOL 0.196 mg/L



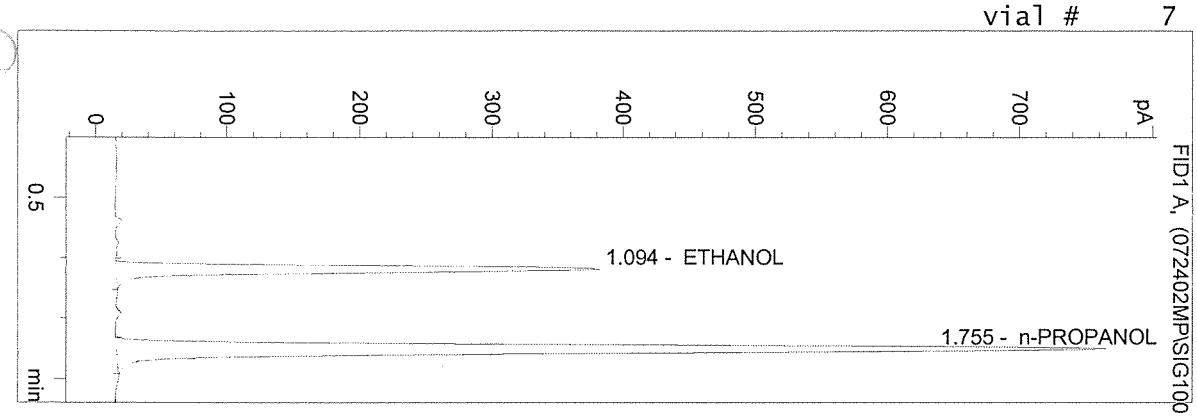
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
7/24/02 9:39:25 AM
Instrument 3
DB-ALC1

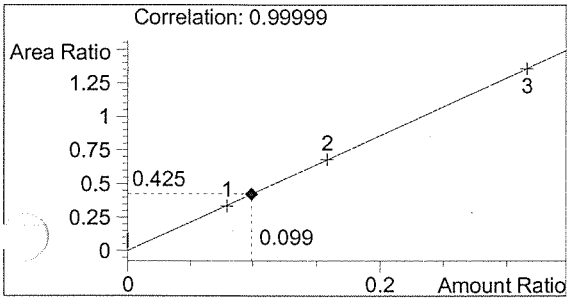
0.10 control
M PEMBERTON

vial # 7

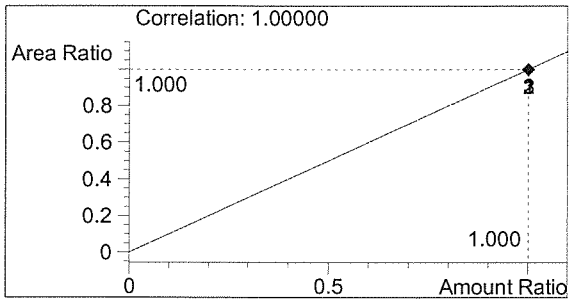


#	Compound	Area	RT
1	ETHANOL	1458	1.094
2	n-PROPANOL	3434	1.755

Totals:



ETHANOL 0.099 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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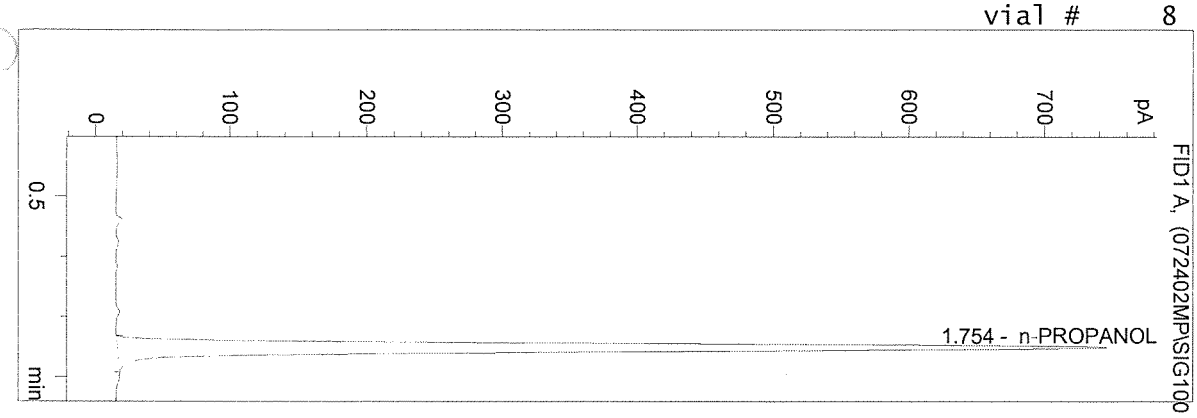
Instrument 3
DB-ALC1

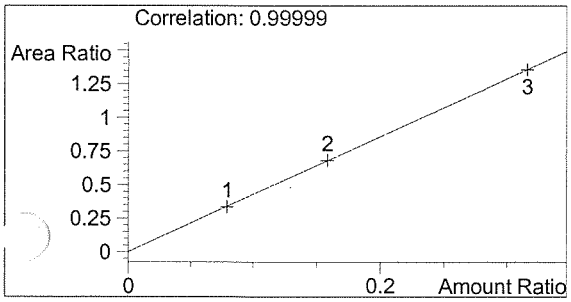
blk
M PEMBERTON

vial # 8

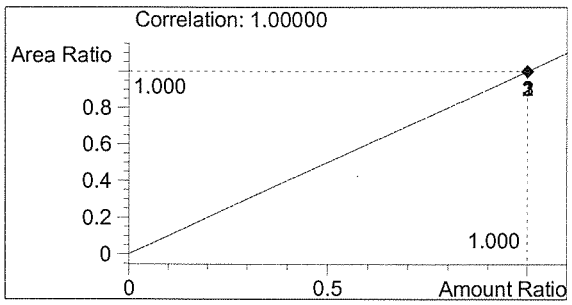


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3358	1.754

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
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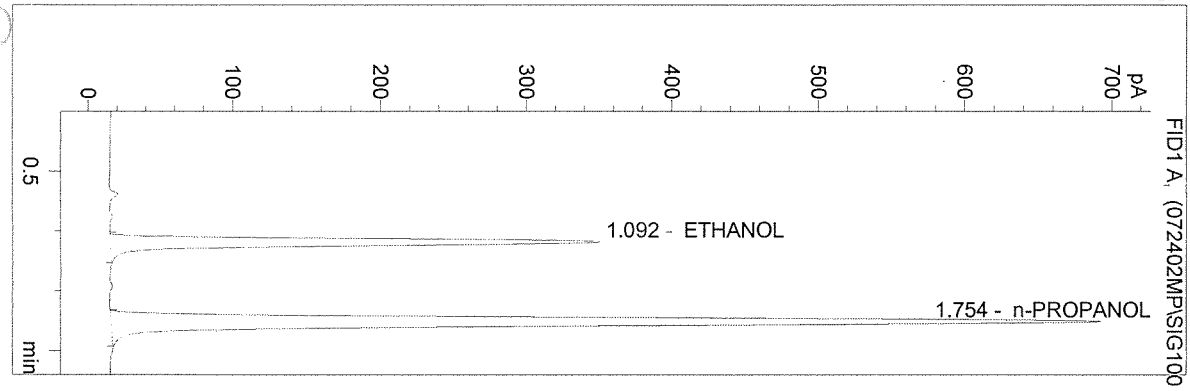
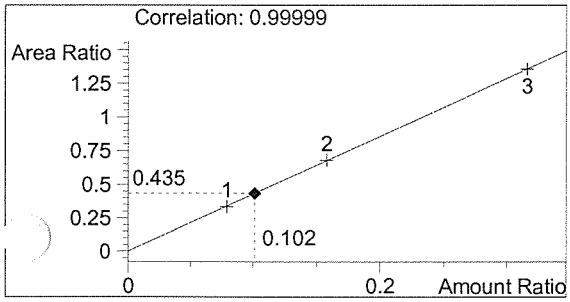
02028 sim soln
M PEMBERTON

vial # 9

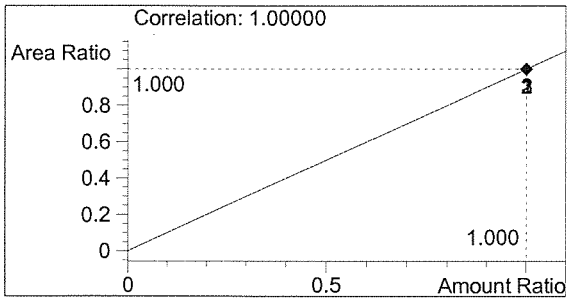


#	Compound	Area	RT
1	ETHANOL	1358	1.092
2	n-PROPANOL	3119	1.754

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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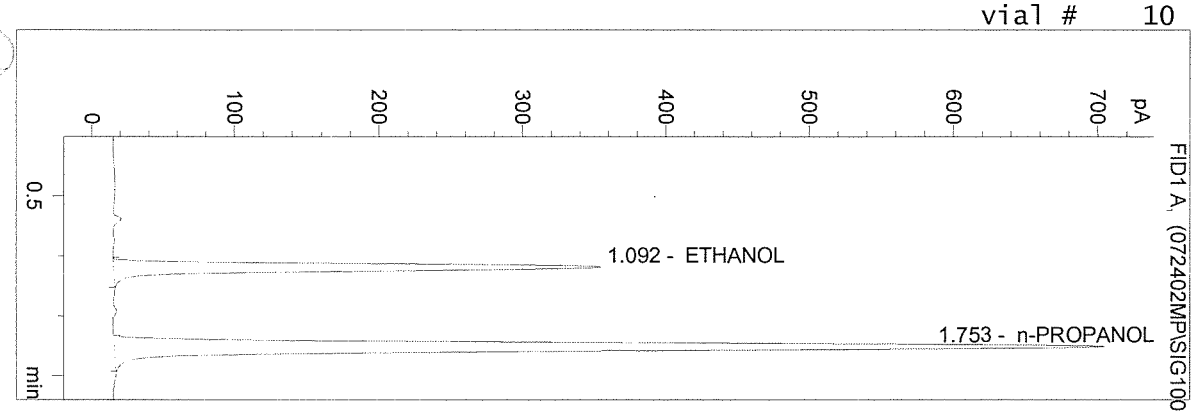
Instrument 3
DB-ALC1

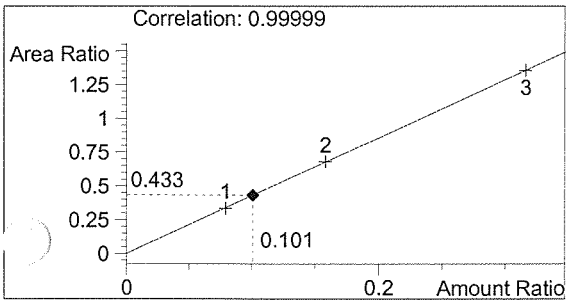
02028 sim soln
M PEMBERTON

vial # 10

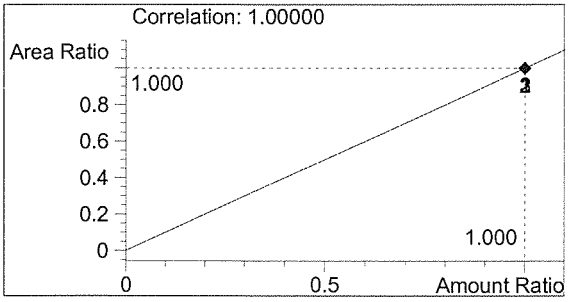


#	Compound	Area	RT
1	ETHANOL	1382	1.092
2	n-PROPANOL	3191	1.753

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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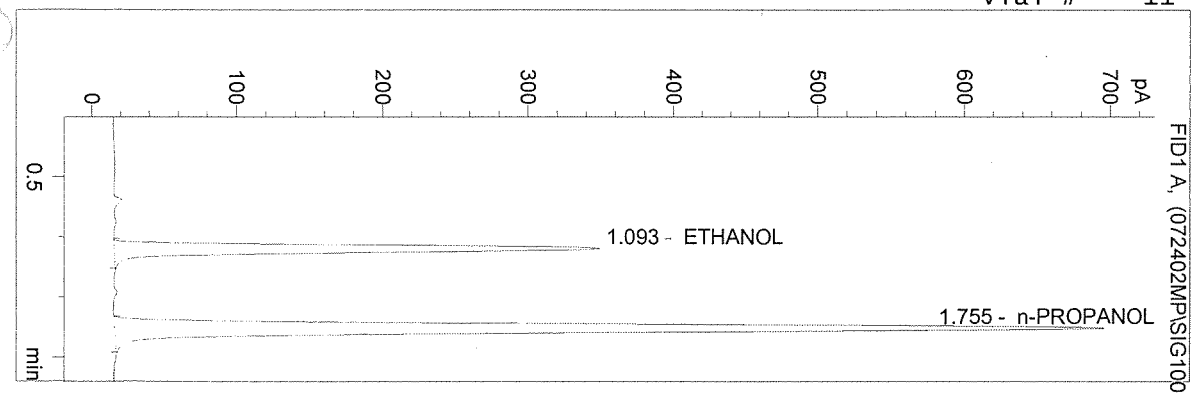
Instrument 3
DB-ALC1

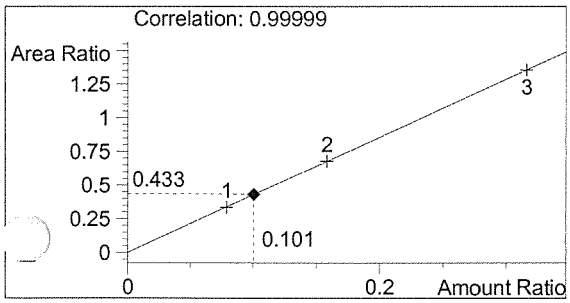
02028 sim soln
M PEMBERTON

vial # 11

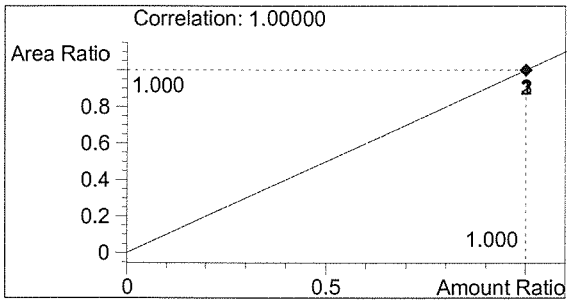


#	Compound	Area	RT
1	ETHANOL	1382	1.093
2	n-PROPANOL	3196	1.755

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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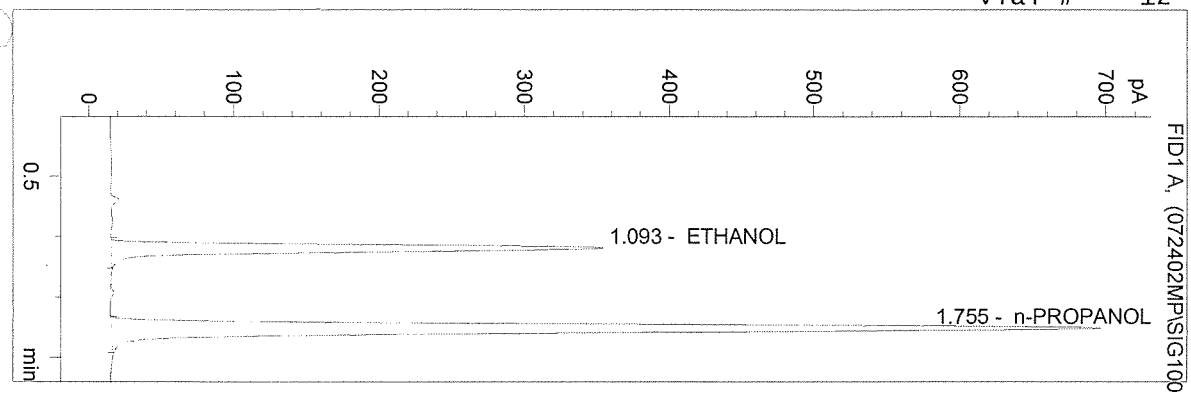
Instrument 3
DB-ALC1

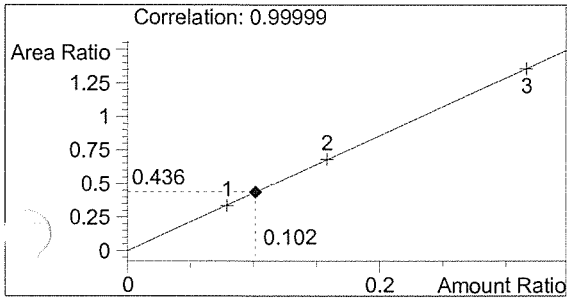
02028 sim soln
M PEMBERTON

vial # 12

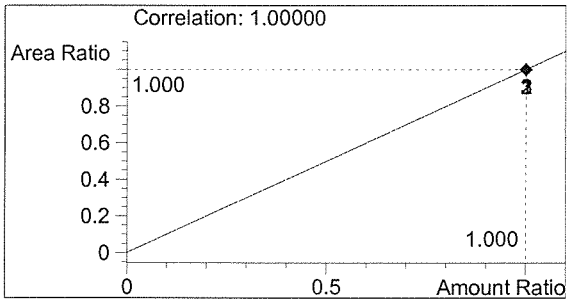


#	Compound	Area	RT
1	ETHANOL	1395	1.093
2	n-PROPANOL	3197	1.755

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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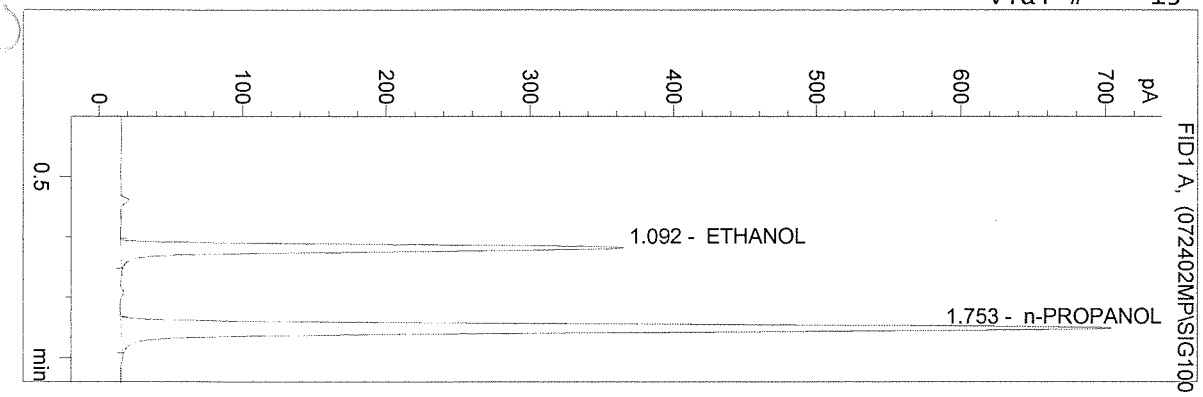
Instrument 3
DB-ALC1

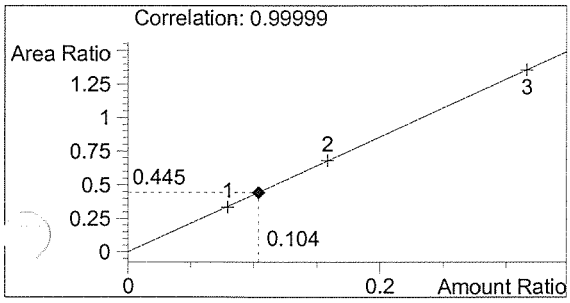
02028 sim soln
M PEMBERTON

vial # 13

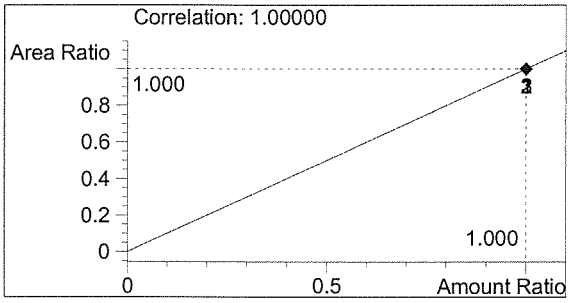


#	Compound	Area	RT
1	ETHANOL	1427	1.092
2	n-PROPANOL	3204	1.753

Totals:



ETHANOL 0.104 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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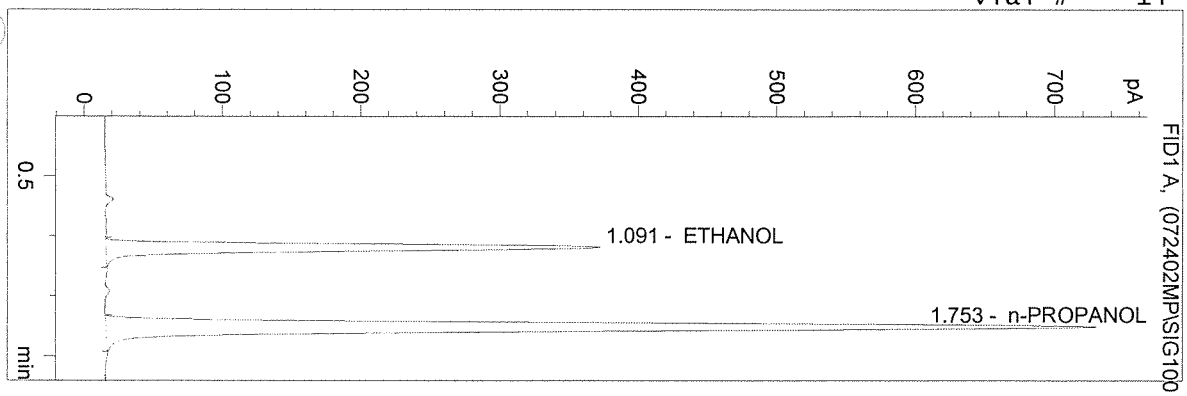
Instrument 3
DB-ALC1

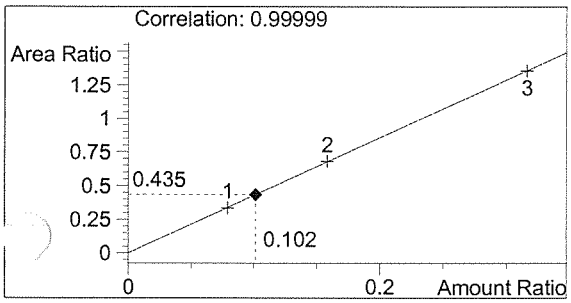
0.10 CONTROL
M PEMBERTON

vial # 14

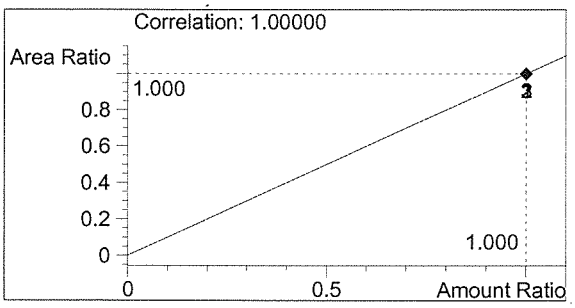


#	Compound	Area	RT
1	ETHANOL	1439	1.091
2	n-PROPANOL	3305	1.753

Totals:



ETHANOL 0.102 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

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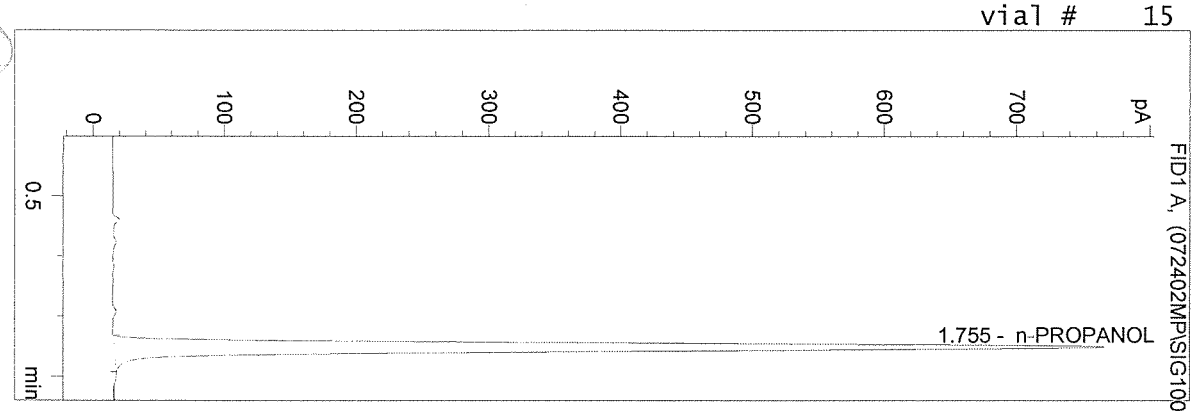
Instrument 3
DB-ALC1

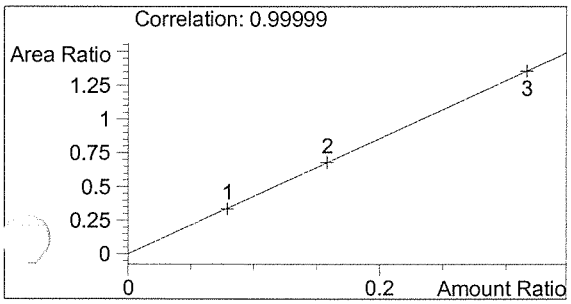
BLK
M PEMBERTON

vial # 15

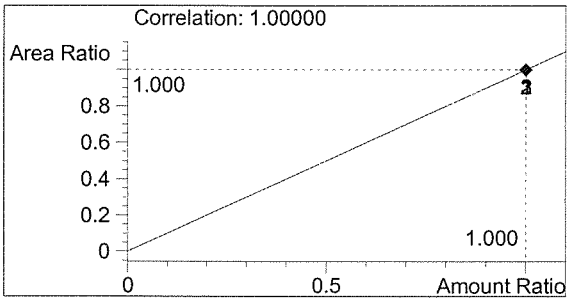


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3462	1.755

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

Calibrators & controls are in ST024308

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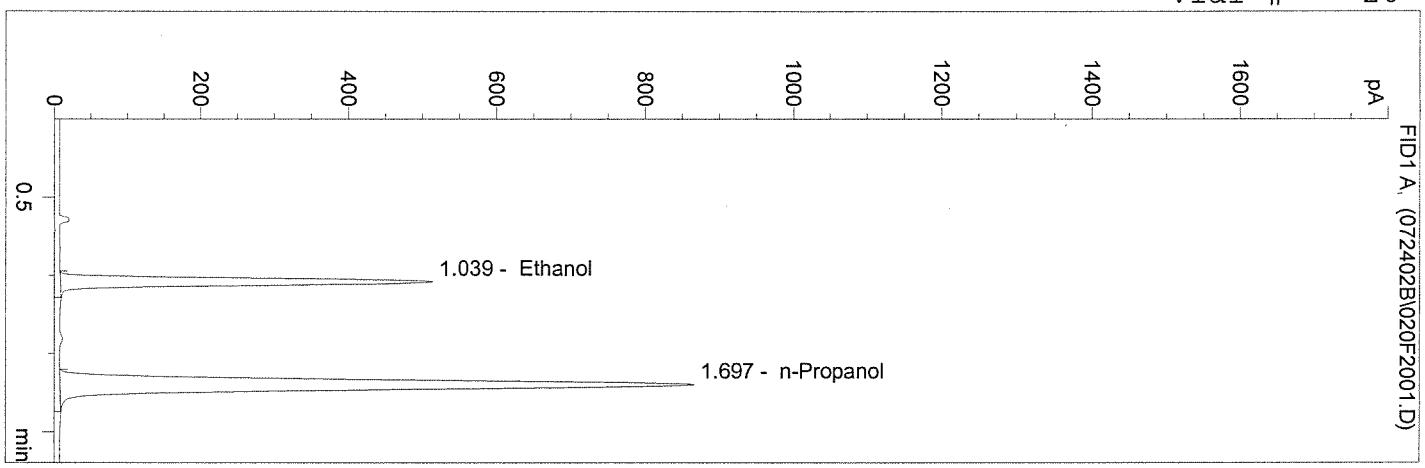
Instrument 1
DB-ALC1

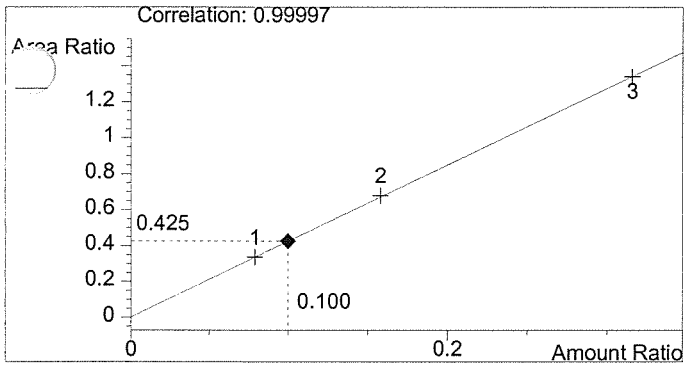
02028 SIM
N Nuwayhid, PhD

vial # 20

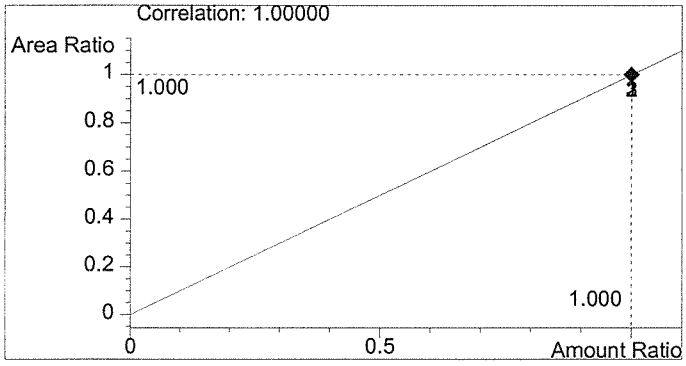


#	Compound	Area	RT
1	Ethanol	1533	1.039
2	n-Propanol	3606	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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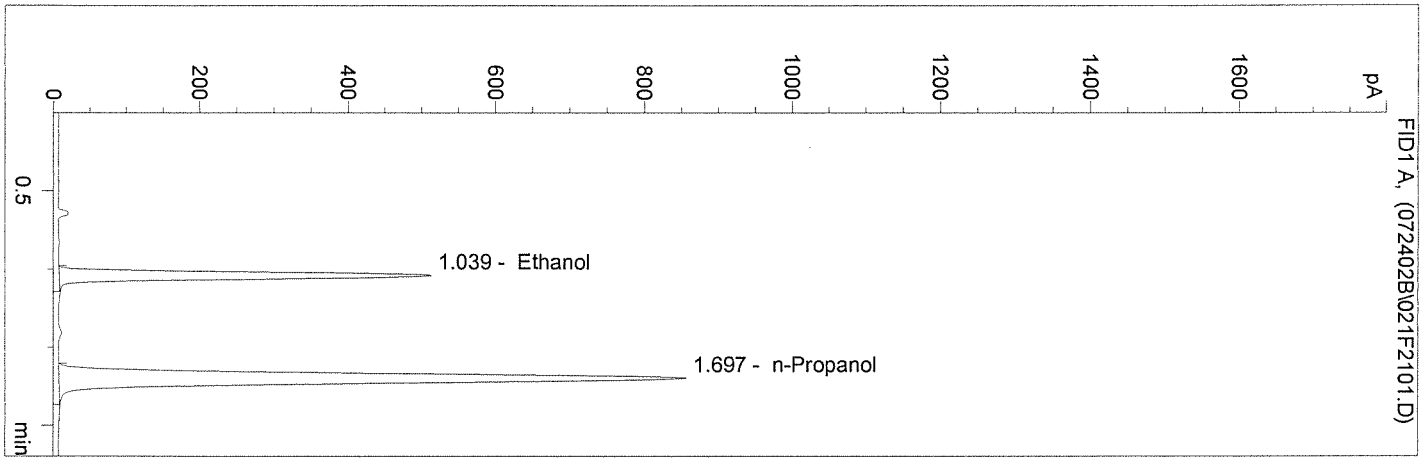
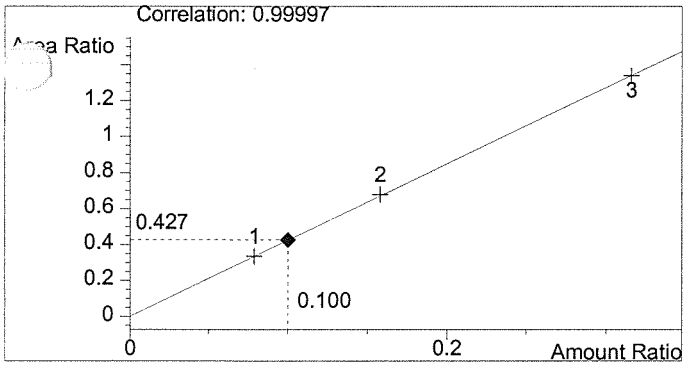
Instrument 1
DB-ALC1

02028 SIM
N Nuwayhid, PhD

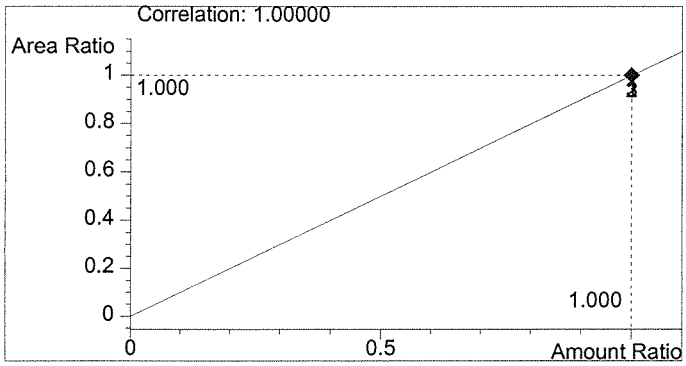
vial # 21



#	Compound	Area	RT
1	Ethanol	1518	1.039
2	n-Propanol	3558	1.697
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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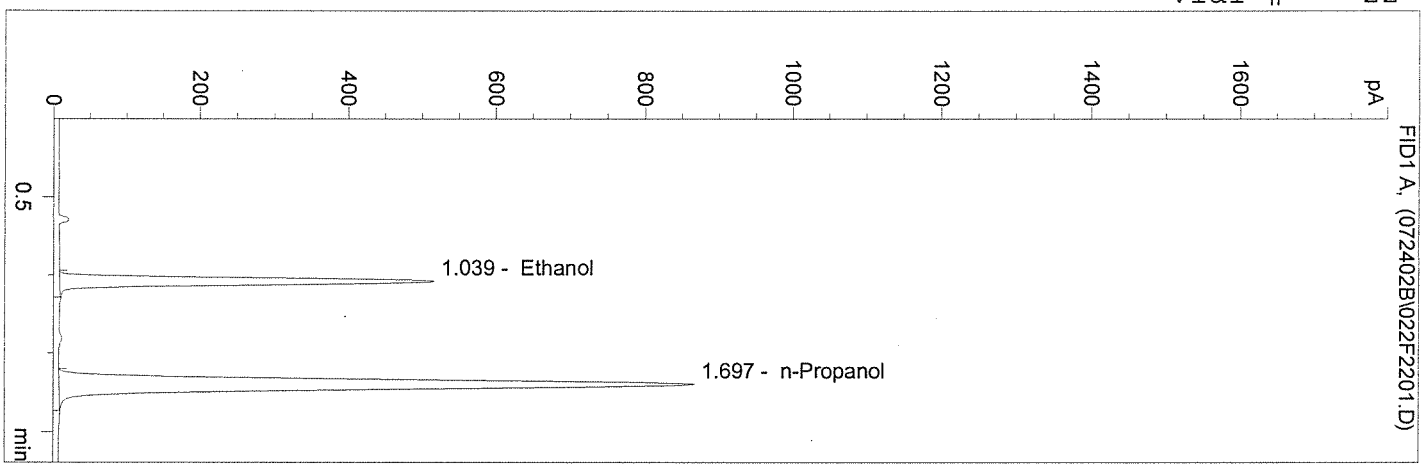
Instrument 1
DB-ALC1

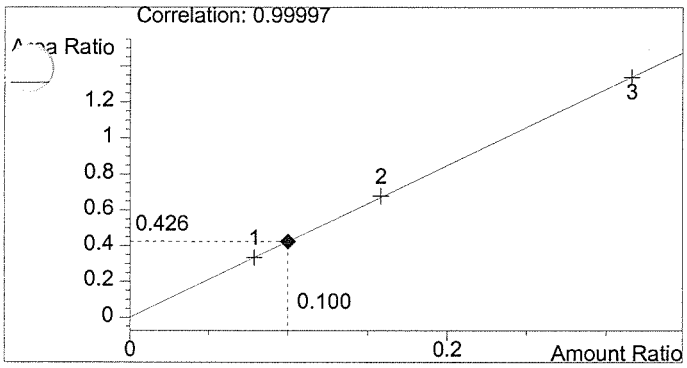
02028 SIM
N Nuwayhid, PhD

vial # 22

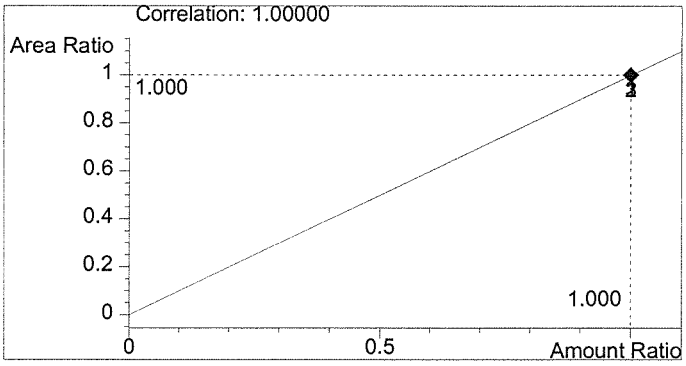


#	Compound	Area	RT
1	Ethanol	1537	1.039
2	n-Propanol	3607	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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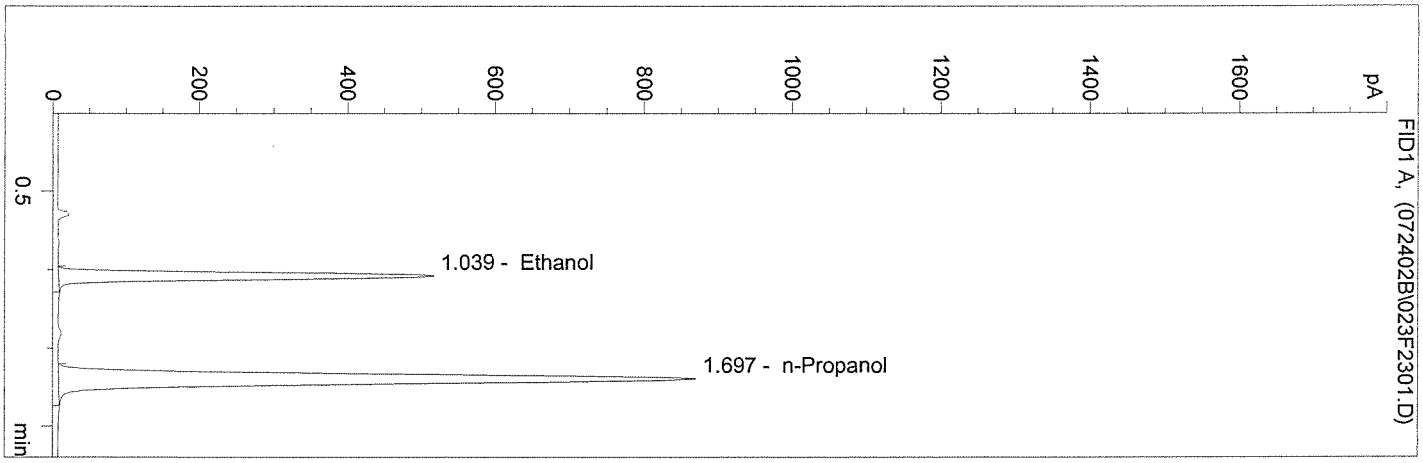
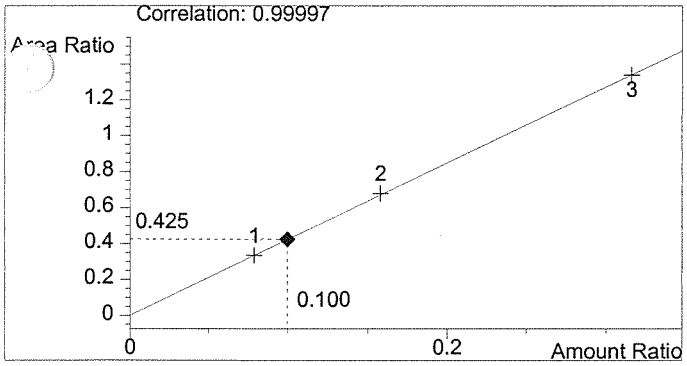
Instrument 1
DB-ALC1

02028 SIM
N Nuwayhid, PhD

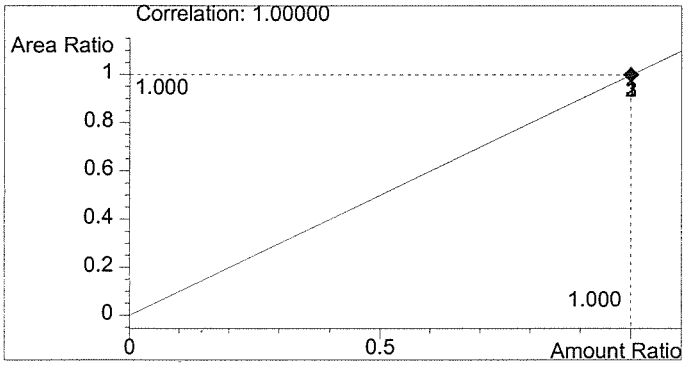
vial # 23



#	Compound	Area	RT
1	Ethanol	1546	1.039
2	n-Propanol	3632	1.697
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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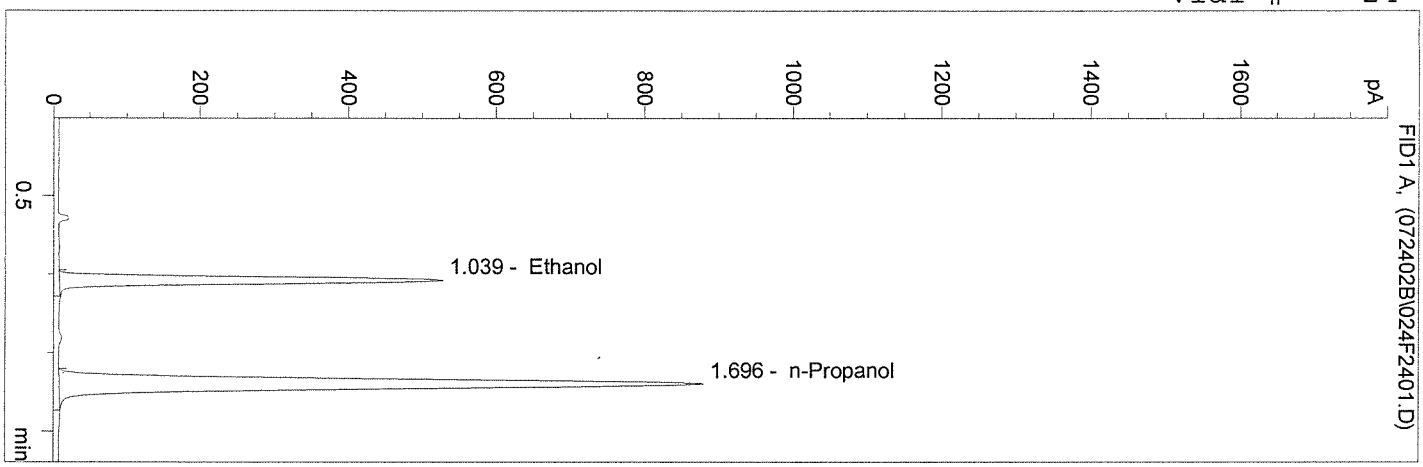
Instrument 1
DB-ALC1

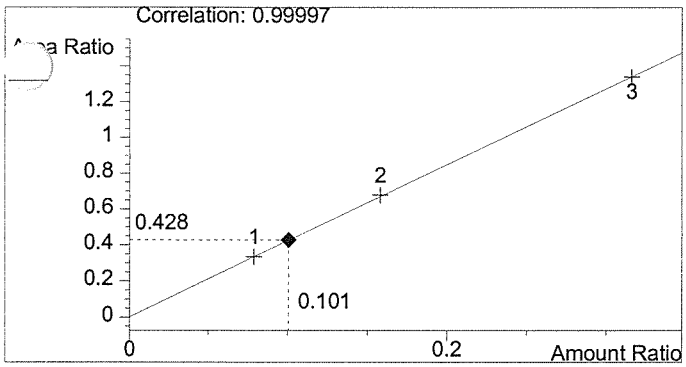
02028 SIM
N Nuwayhid, PhD

vial # 24

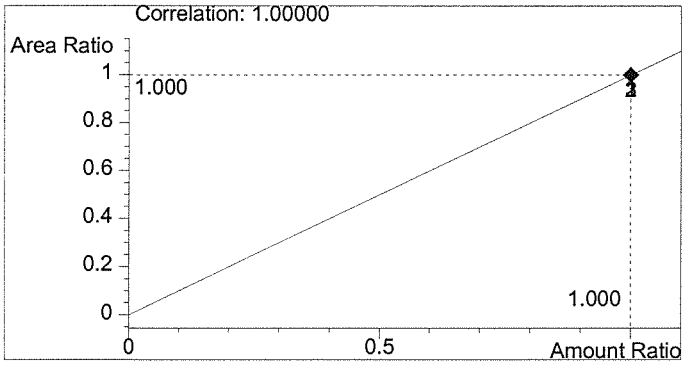


#	Compound	Area	RT
1	Ethanol	1562	1.039
2	n-Propanol	3646	1.696

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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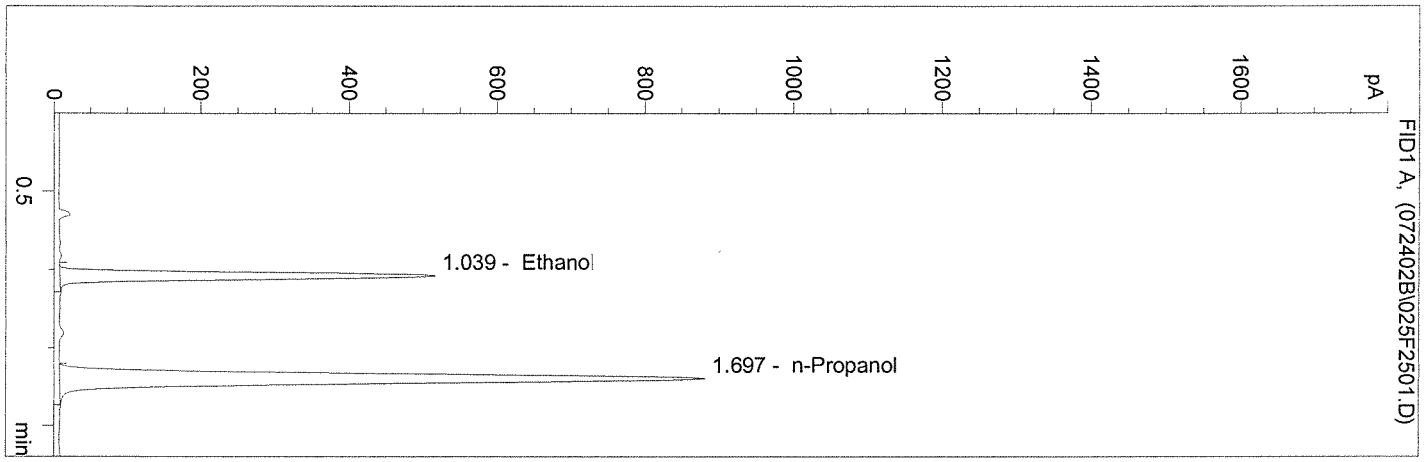
Instrument 1
DB-ALC1

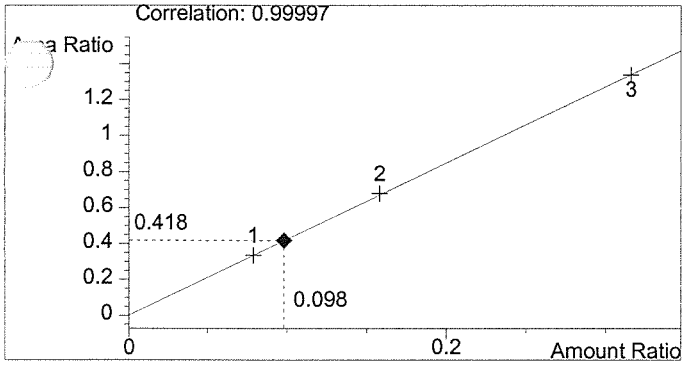
0.100 Ctrl
N Nuwayhid, PhD

vial # 25

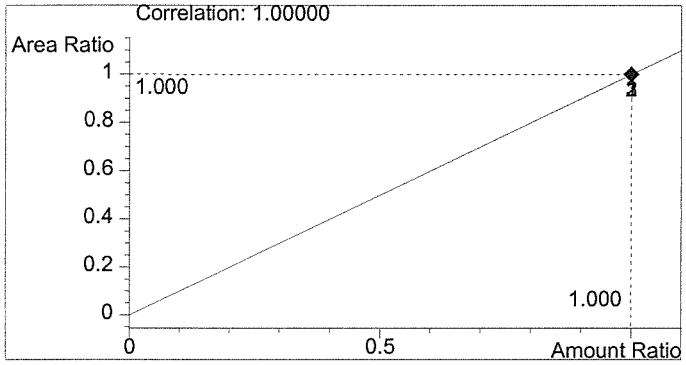


#	Compound	Area	RT
1	Ethanol	1529	1.039
2	n-Propanol	3656	1.697

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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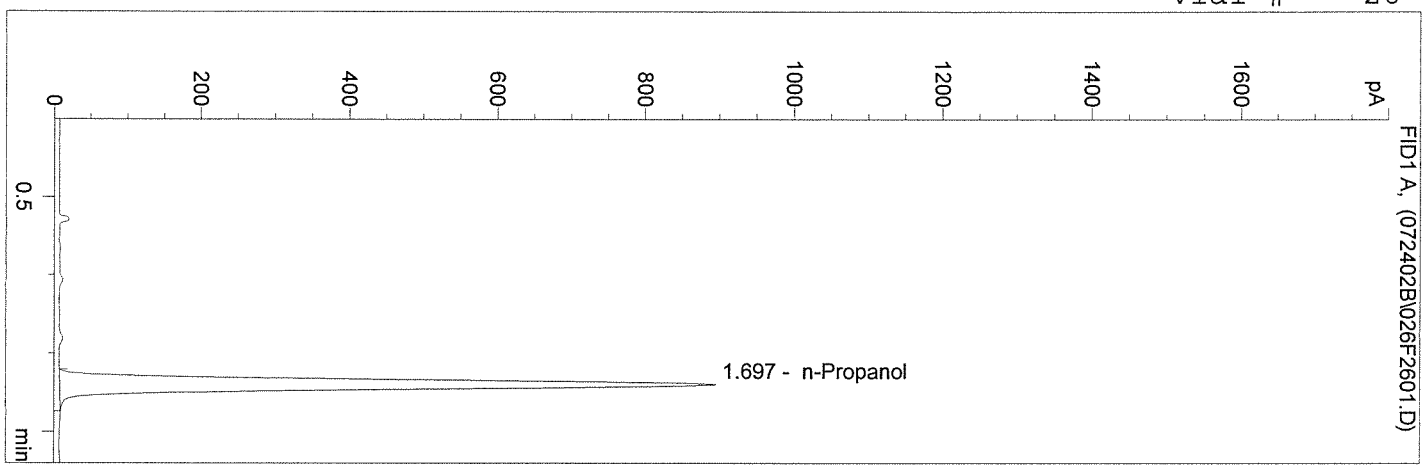
Instrument 1
DB-ALC1

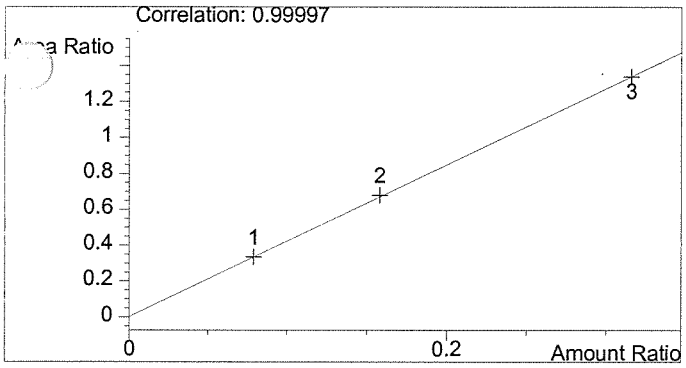
Blank
N Nuwayhid, PhD

vial # 26

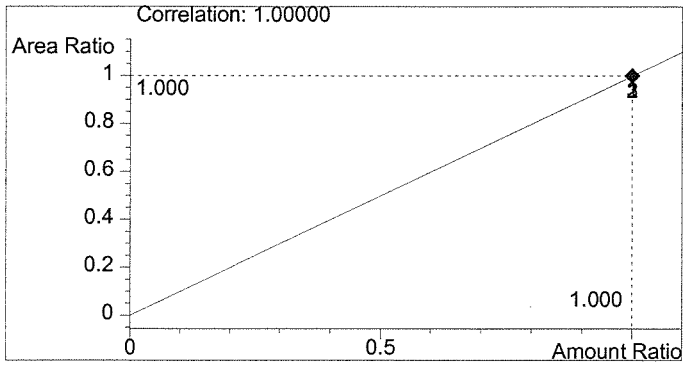


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3699	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 3
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02028
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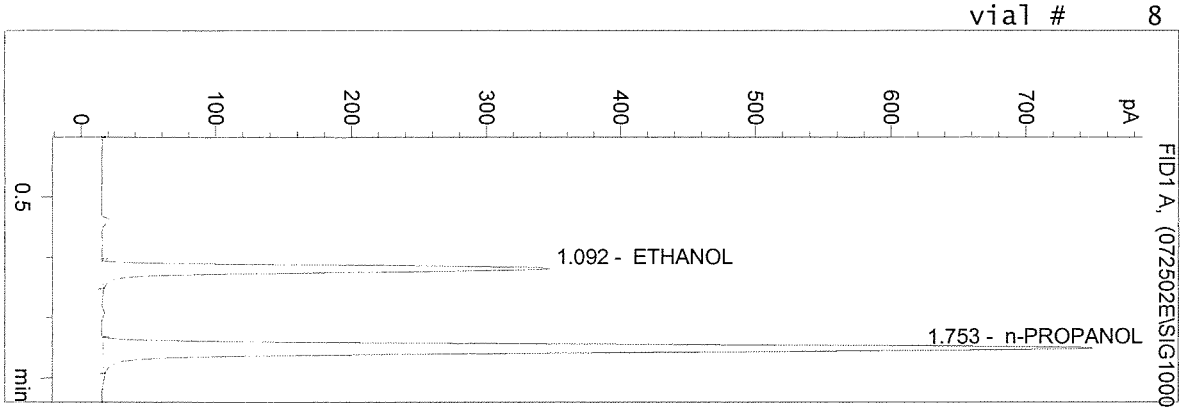
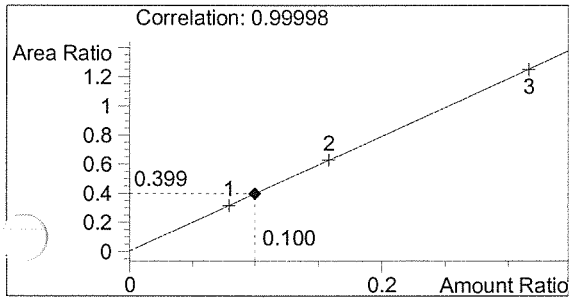
vial # 8

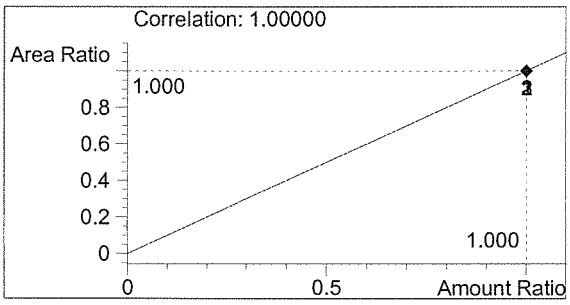


#	Compound	Area	RT
1	ETHANOL	1359	1.092
2	n-PROPANOL	3411	1.753

Totals:



ETHANOL 0.100 mg/L



n-PROPANOL 1.000 mg/L

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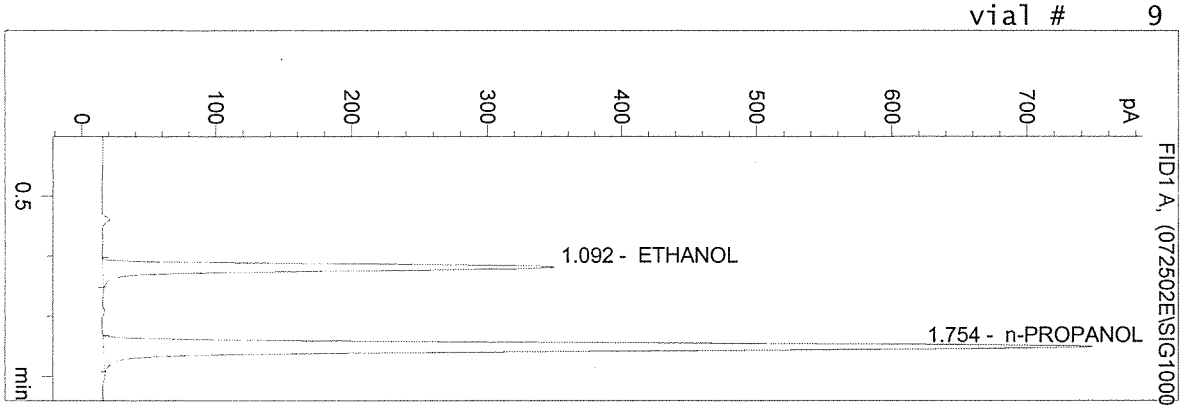
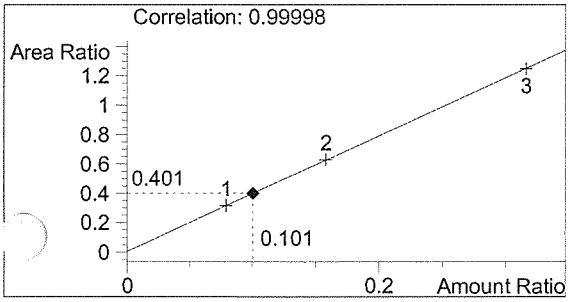
vial # 9

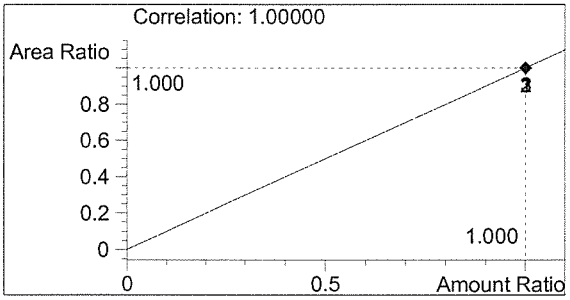


#	Compound	Area	RT
1	ETHANOL	1354	1.092
2	n-PROPANOL	3378	1.754

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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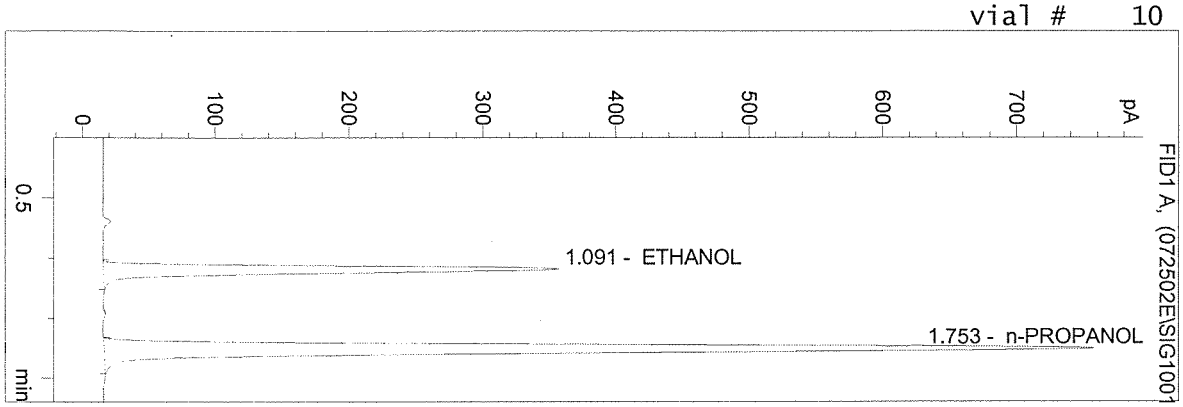
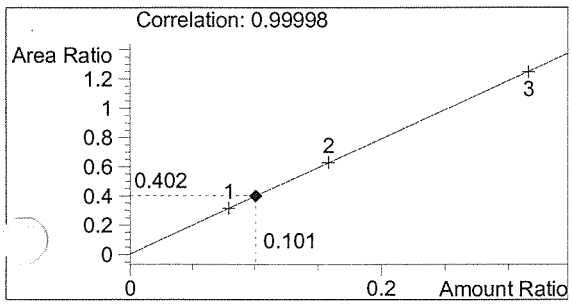
vial # 10

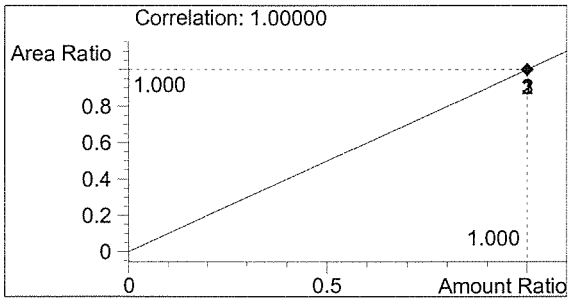


#	Compound	Area	RT
1	ETHANOL	1383	1.091
2	n-PROPANOL	3443	1.753

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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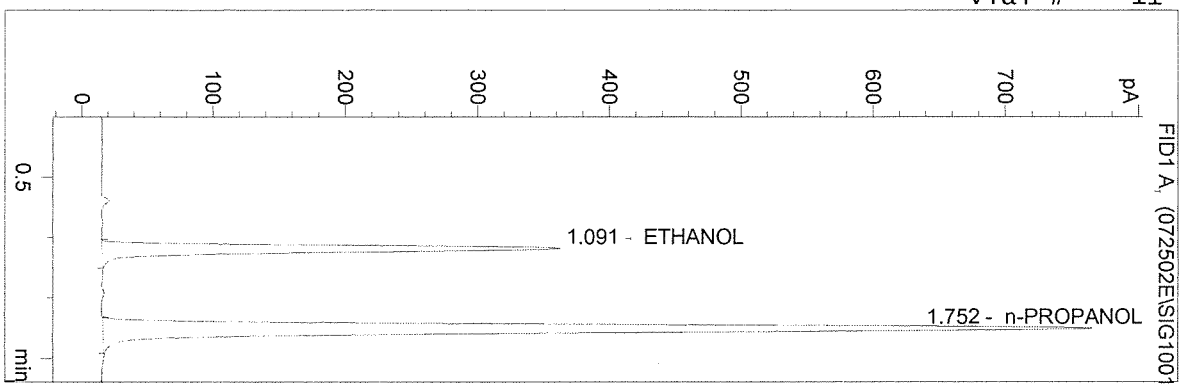
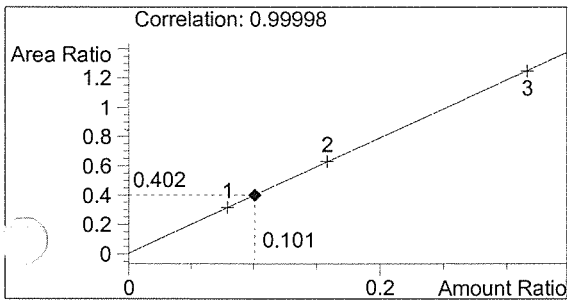
vial # 11

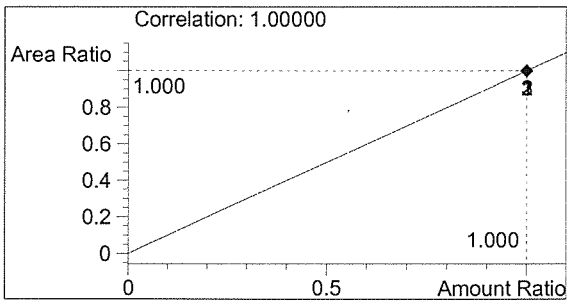


#	Compound	Area	RT
1	ETHANOL	1390	1.091
2	n-PROPANOL	3459	1.752

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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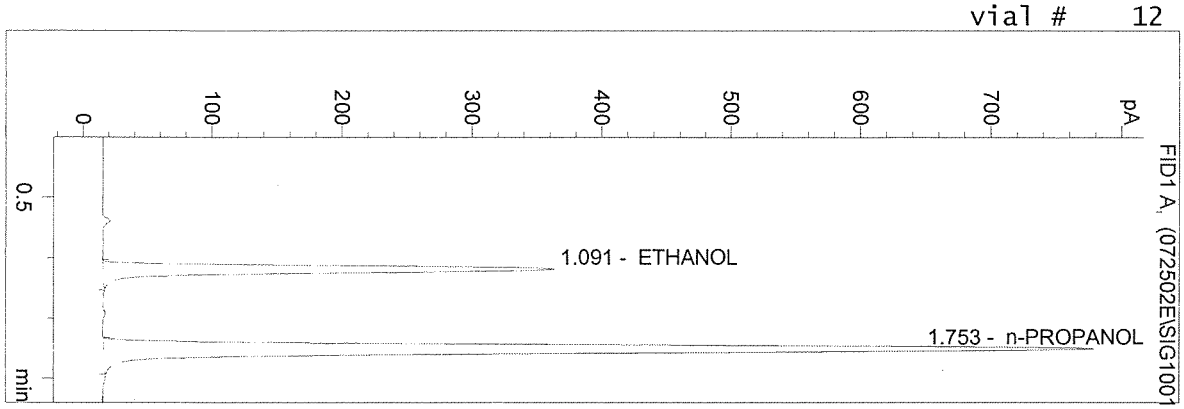
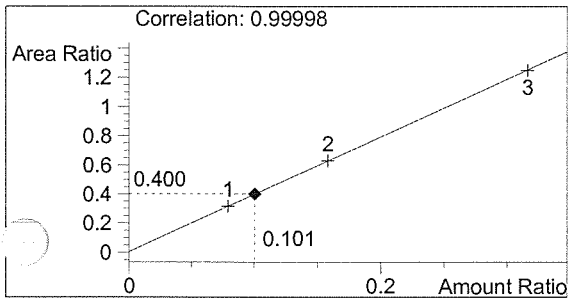
vial # 12

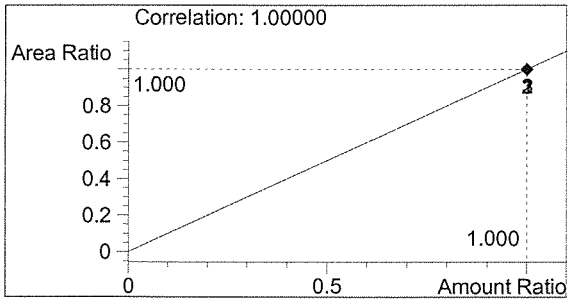


#	Compound	Area	RT
1	ETHANOL	1406	1.091
2	n-PROPANOL	3512	1.753

Totals:



ETHANOL 0.101 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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0.10 CONTROL
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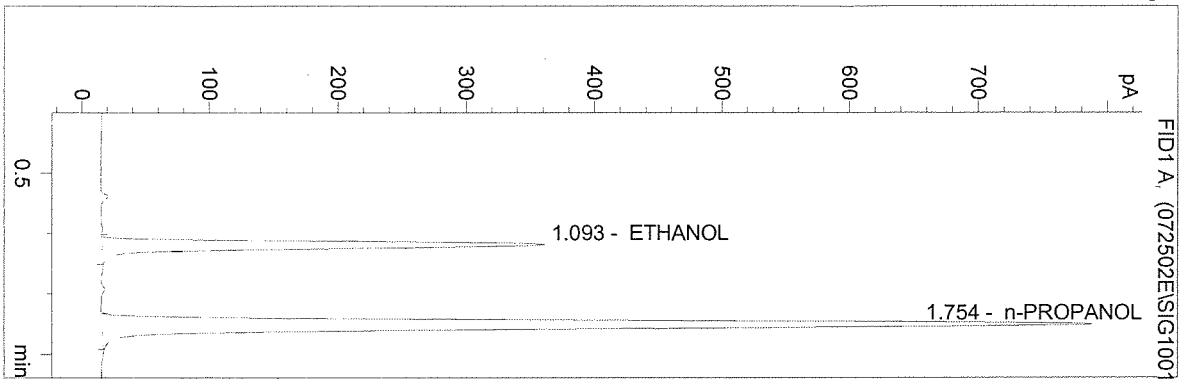
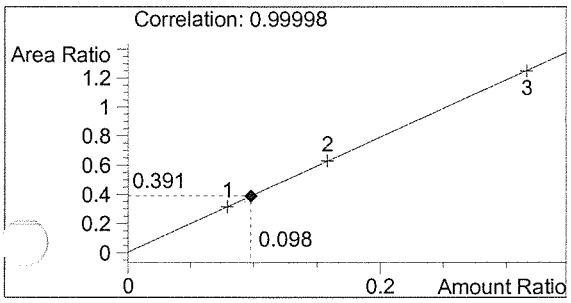
vial # 13

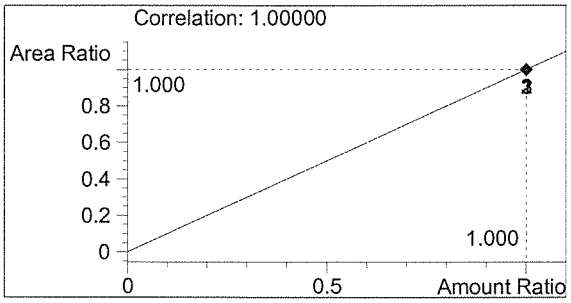


#	Compound	Area	RT
1	ETHANOL	1401	1.093
2	n-PROPANOL	3587	1.754

Totals:



ETHANOL 0.098 mg/L



n-PROPANOL 1.000 mg/L

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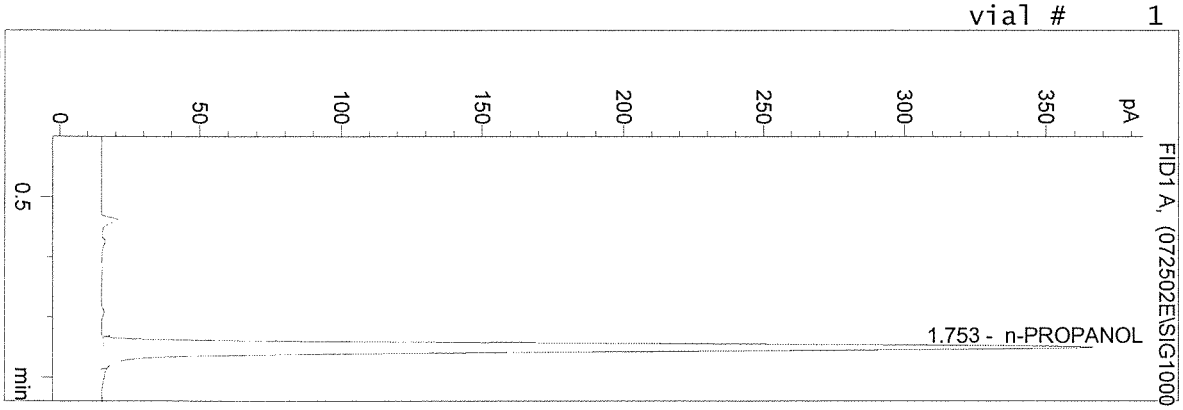
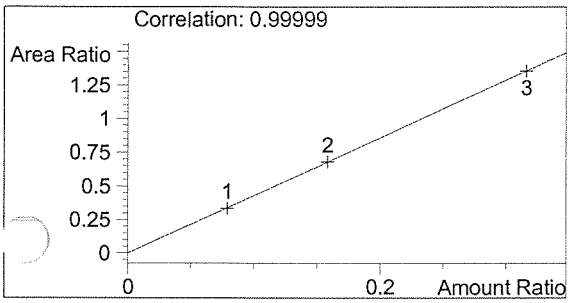
vial # 1

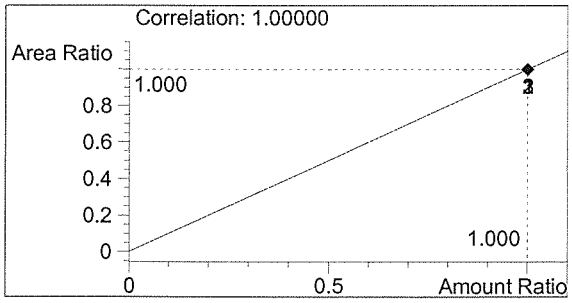


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1618	1.753

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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0.079 CAL
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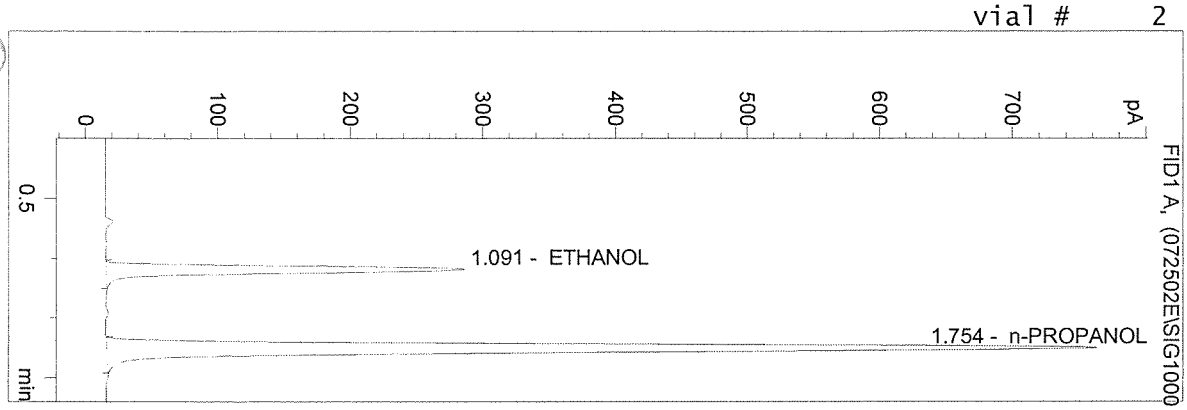
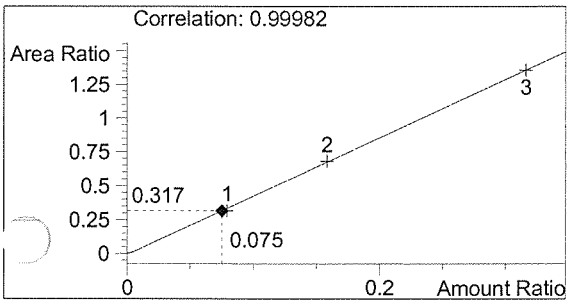
vial # 2

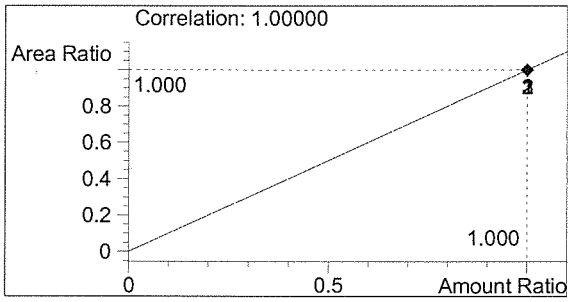


#	Compound	Area	RT
1	ETHANOL	1093	1.091
2	n-PROPANOL	3446	1.754

Totals:



ETHANOL 0.075 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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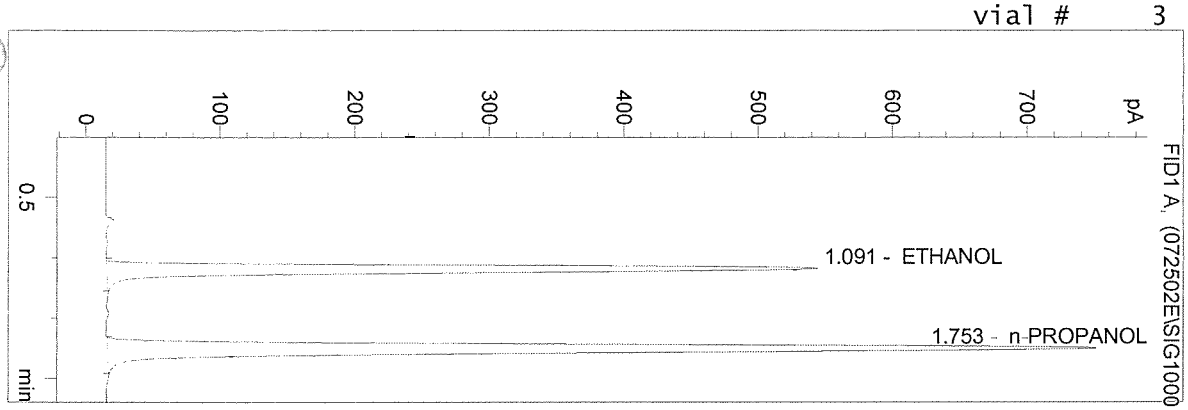
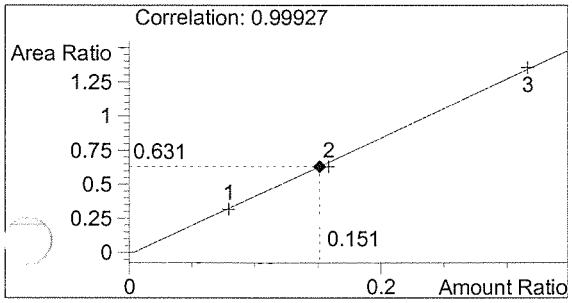
0.158 CAL
ED FORMOSO

vial # 3

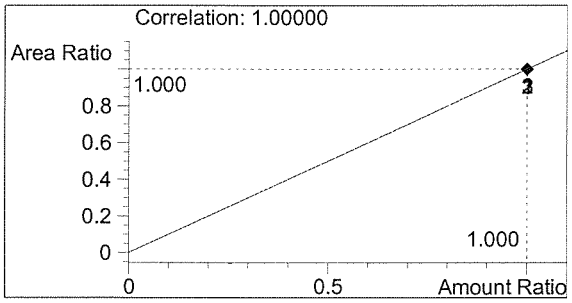


#	Compound	Area	RT
1	ETHANOL	2149	1.091
2	n-PROPANOL	3404	1.753

Totals:



ETHANOL 0.151 mg/L



n-PROPANOL 1.000 mg/L

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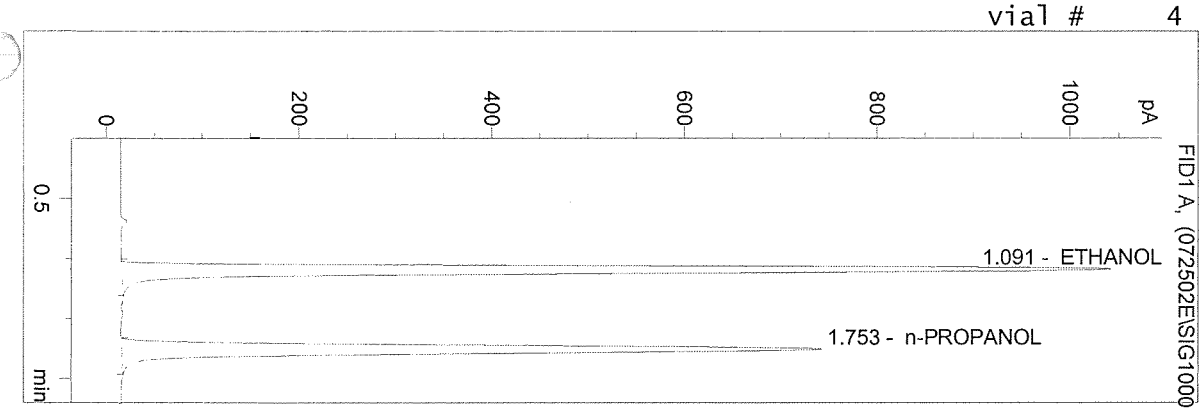
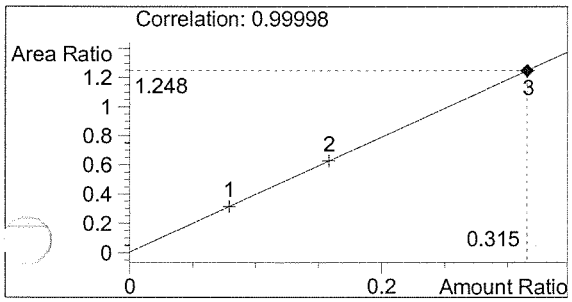
0.316 CAL
ED FORMOSO

vial # 4

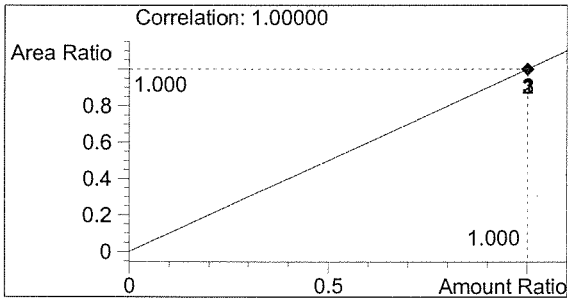


#	Compound	Area	RT
1	ETHANOL	4228	1.091
2	n-PROPANOL	3387	1.753

Totals:



ETHANOL 0.315 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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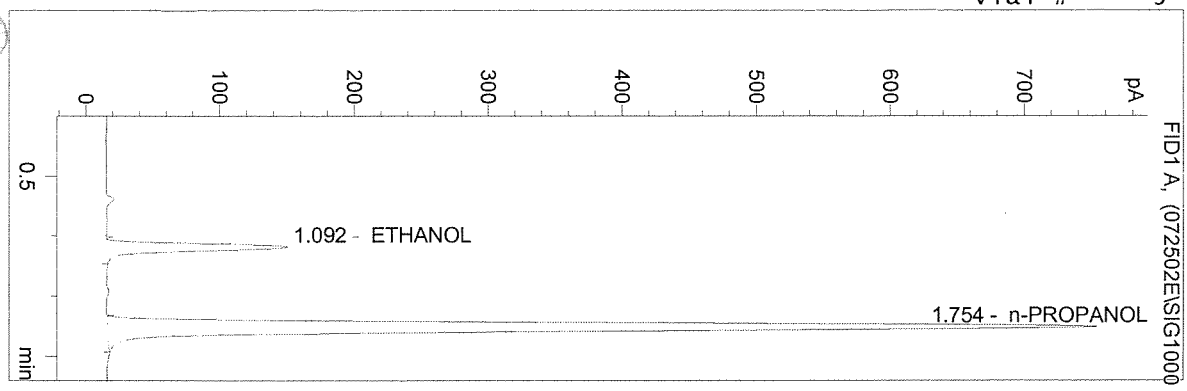
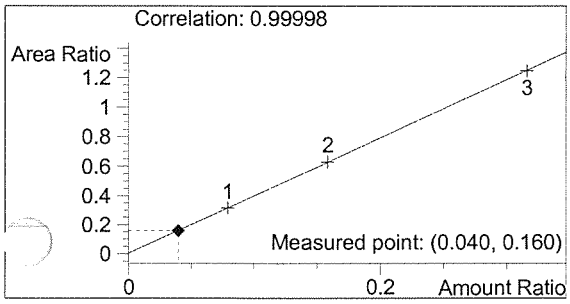
0.04 CAP
ED FORMOSO

vial # 5

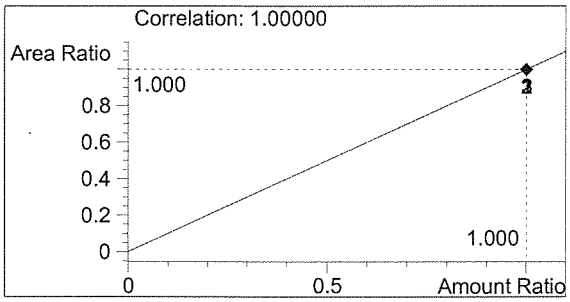


#	Compound	Area	RT
1	ETHANOL	545	1.092
2	n-PROPANOL	3415	1.754

Totals:



ETHANOL 0.040 mg/L



n-PROPANOL 1.000 mg/L

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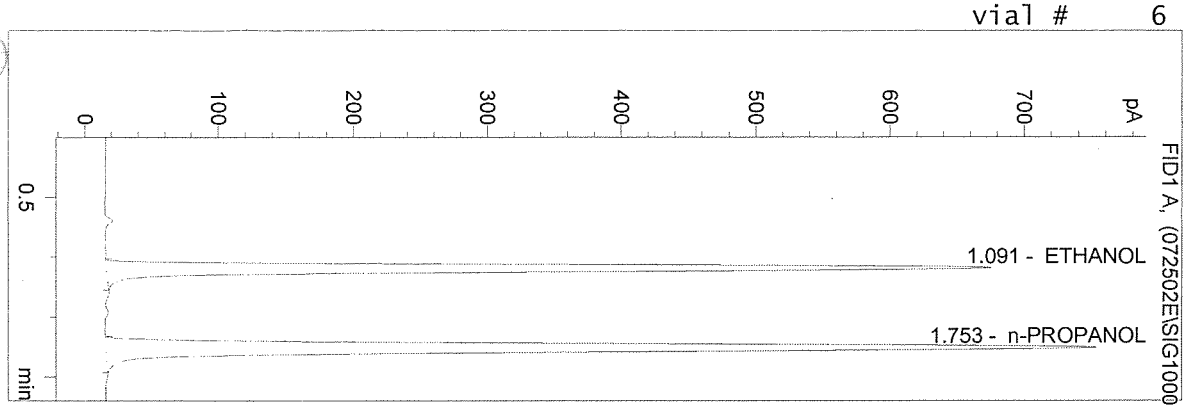
Instrument 3
DB-ALC1

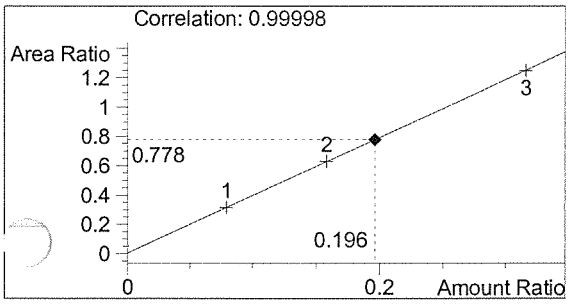
0.20 CONTROL
ED FORMOSO

vial # 6

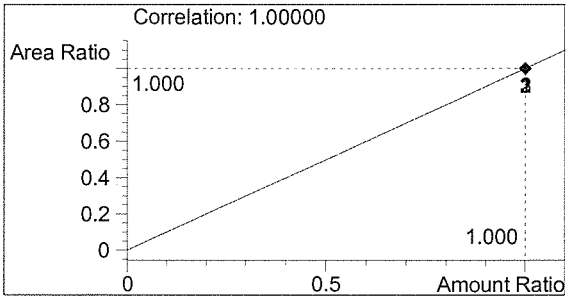


#	Compound	Area	RT
1	ETHANOL	2650	1.091
2	n-PROPANOL	3404	1.753

Totals:



ETHANOL 0.196 mg/L



n-PROPANOL 1.000 mg/L

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Instrument 3
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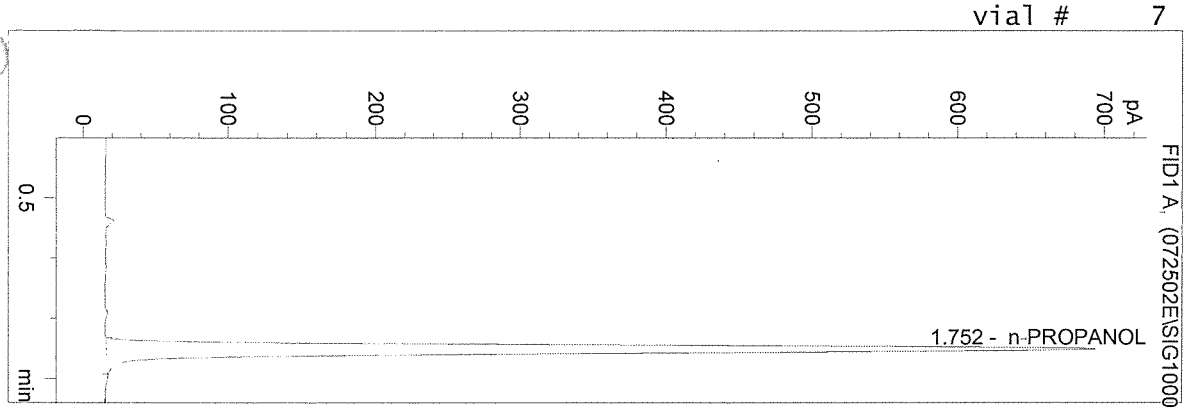
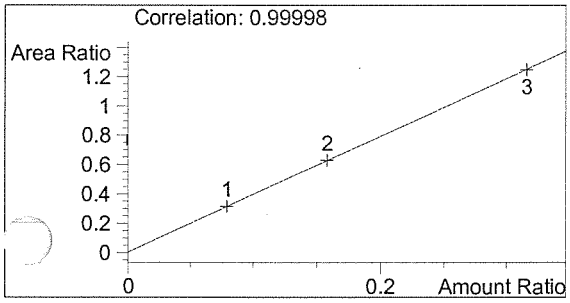
vial # 7

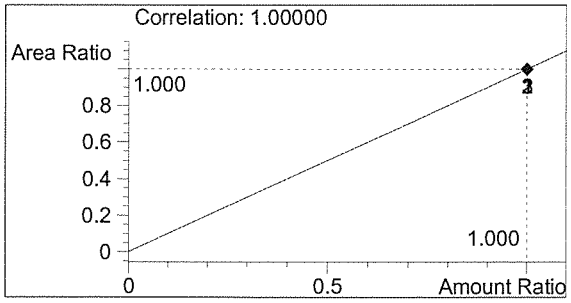


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3124	1.752

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

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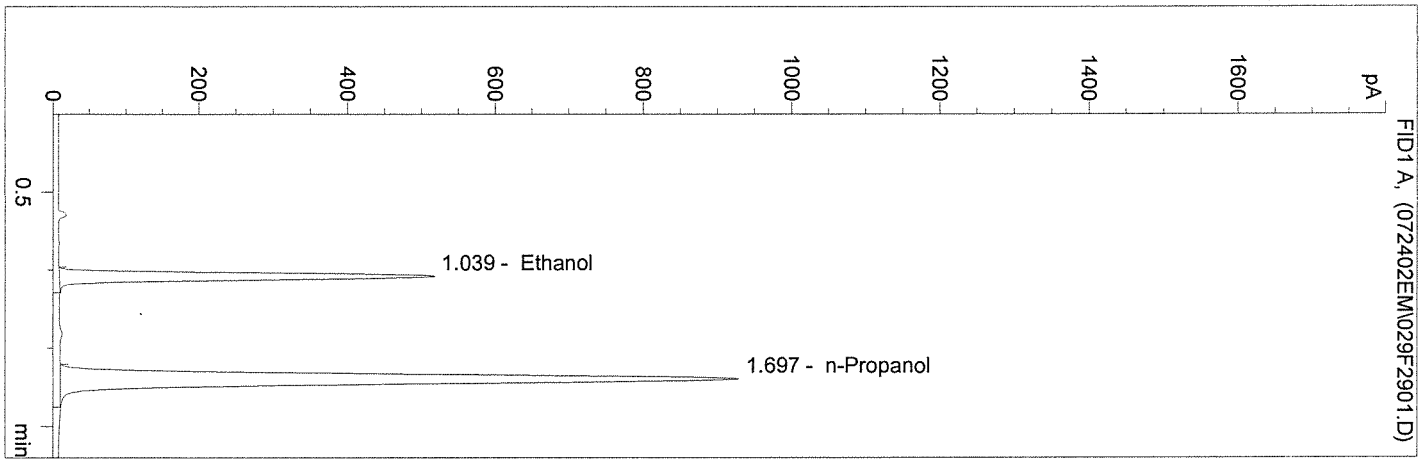
Instrument 1
DB-ALC1

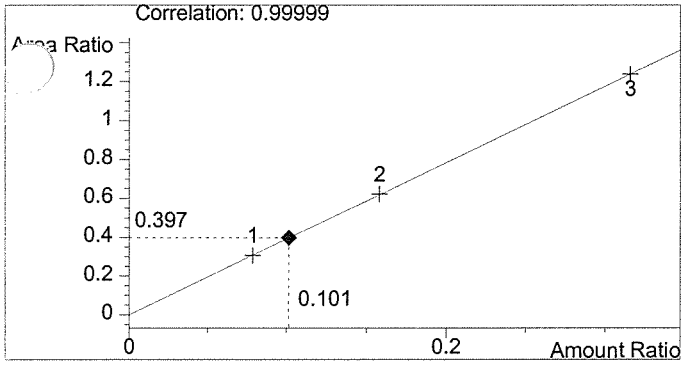
Sim. Sol. 02028
Estuardo J. Miranda

vial # 29

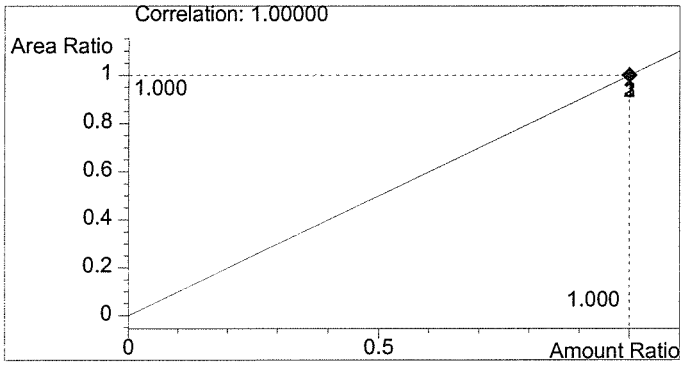


#	Compound	Area	RT
1	Ethanol	1538	1.039
2	n-Propanol	3869	1.697

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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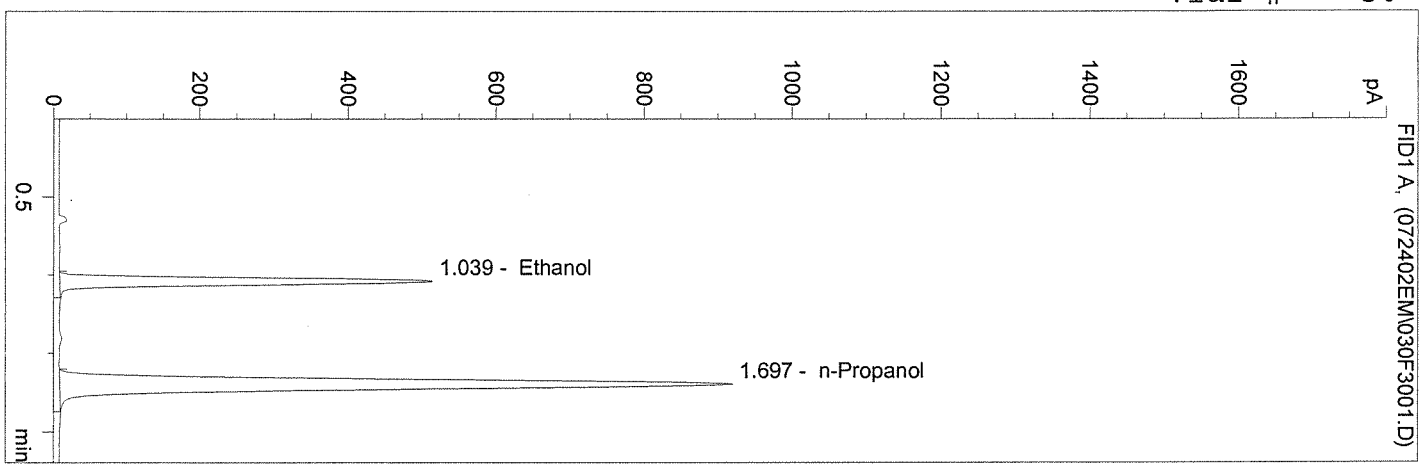
Instrument 1
DB-ALC1

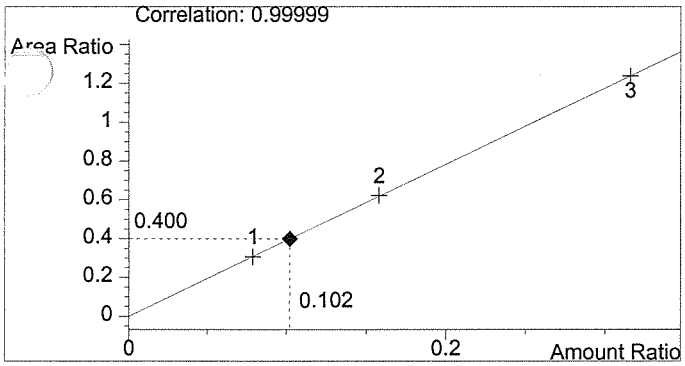
Sim. Sol. 02028
Estuardo J. Miranda

vial # 30

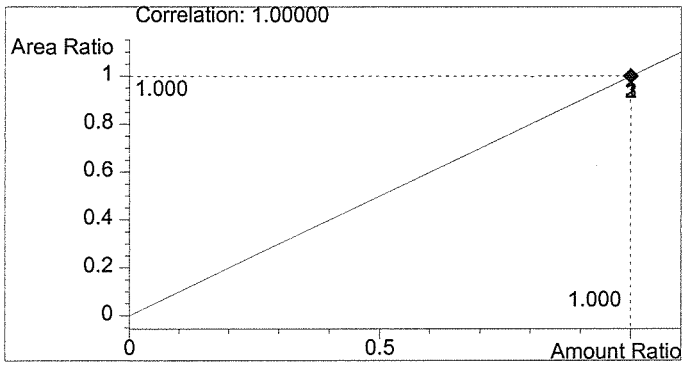


#	Compound	Area	RT
1	Ethanol	1535	1.039
2	n-Propanol	3834	1.697

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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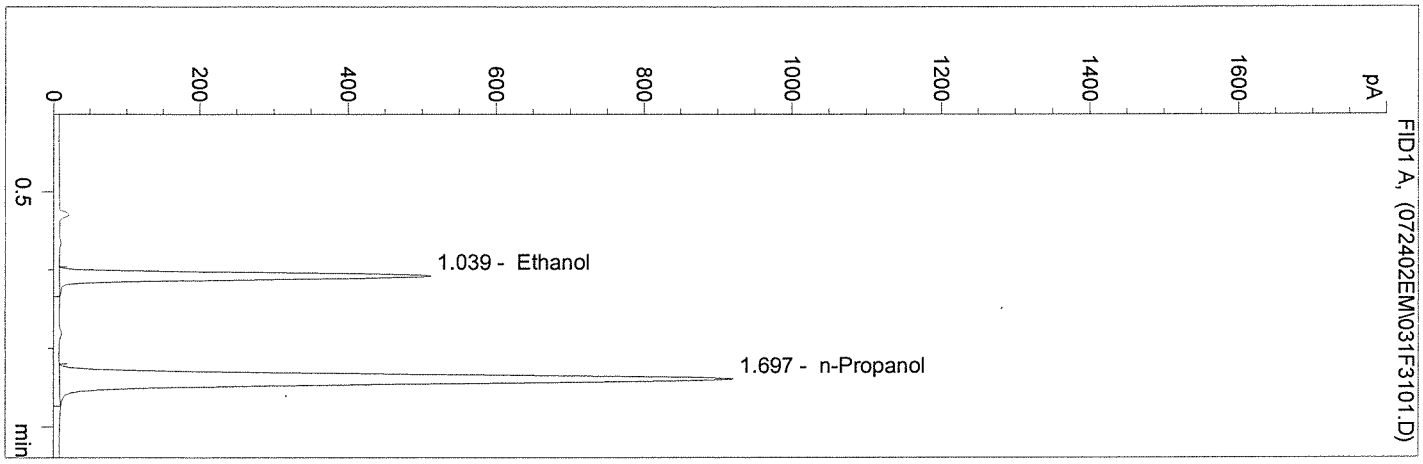
Instrument 1
DB-ALC1

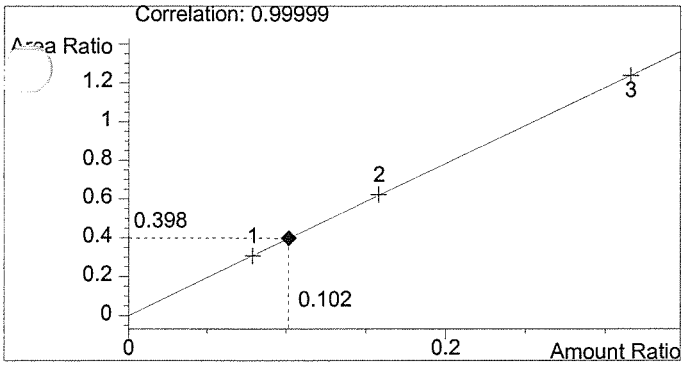
Sim. Sol. 02028
Estuardo J. Miranda

vial # 31

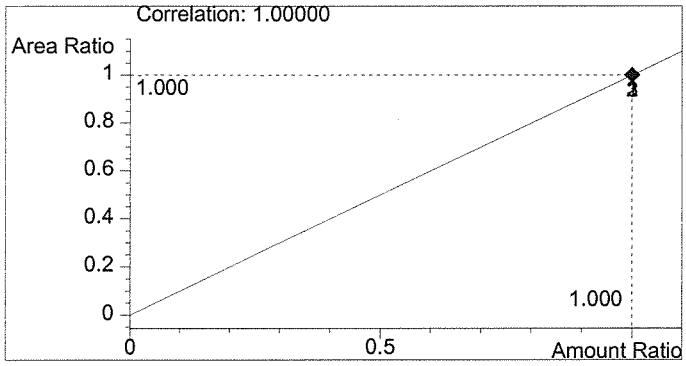


#	Compound	Area	RT
1	Ethanol	1528	1.039
2	n-Propanol	3841	1.697

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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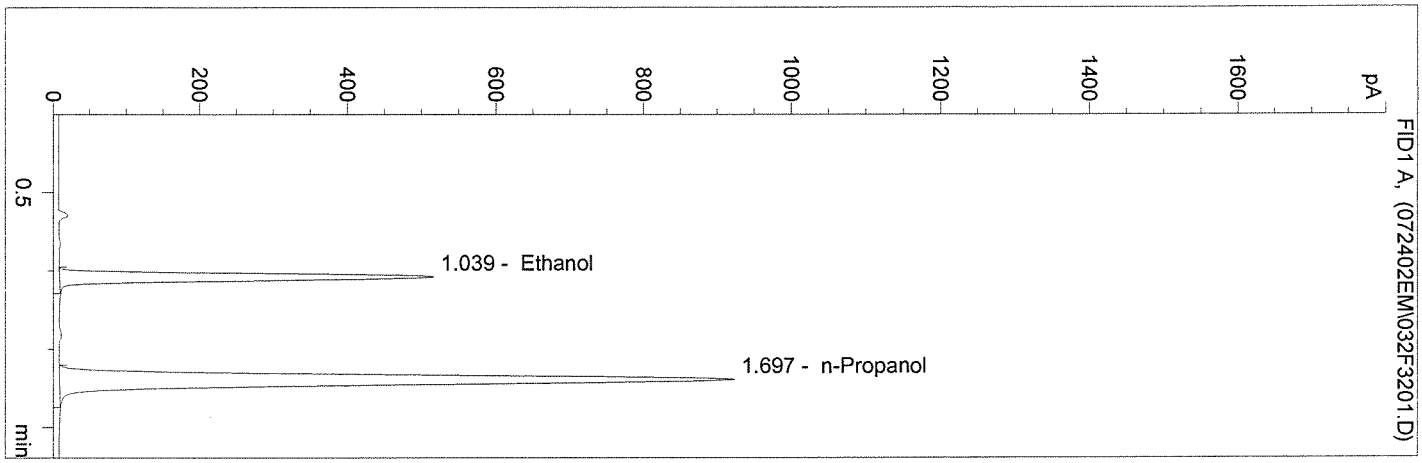
Instrument 1
DB-ALC1

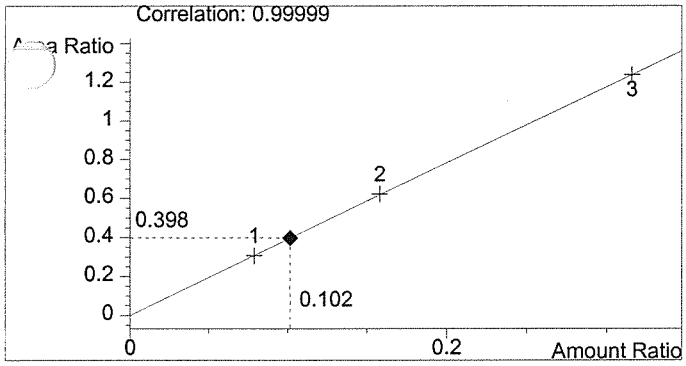
Sim. Sol. 02028
Estuardo J. Miranda

vial # 32

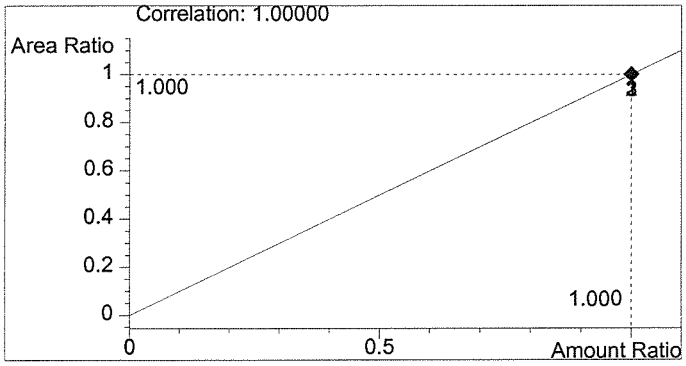


#	Compound	Area	RT
1	Ethanol	1532	1.039
2	n-Propanol	3848	1.697

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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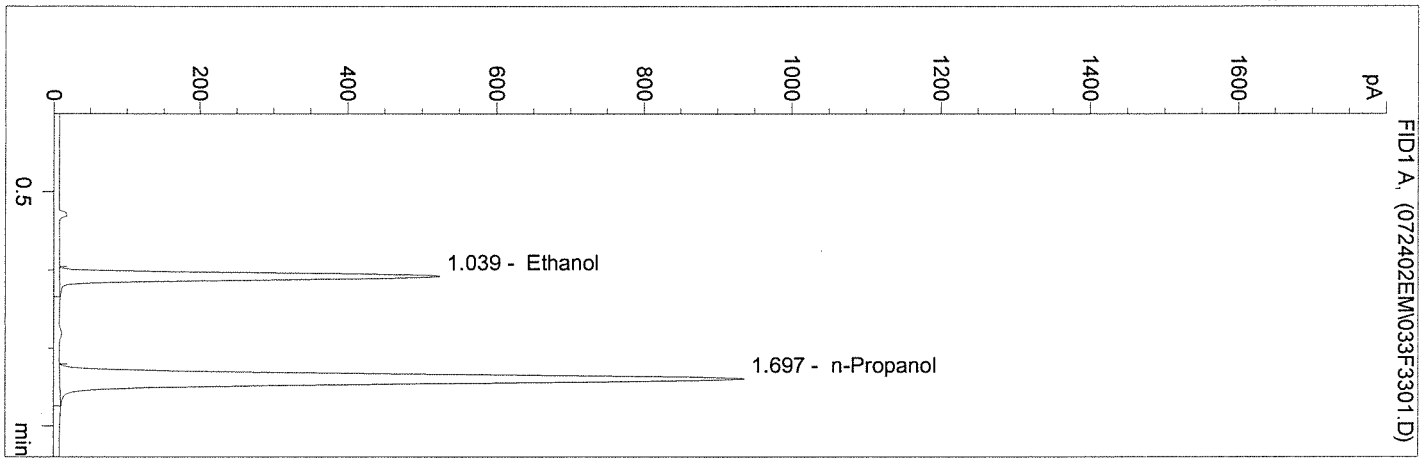
7/26/02 10:57:25 AM
Instrument 1
DB-ALC1

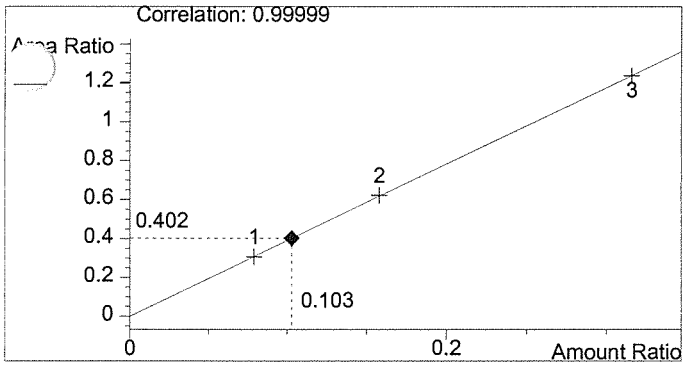
Sim. Sol. 02028
Estuardo J. Miranda

vial # 33

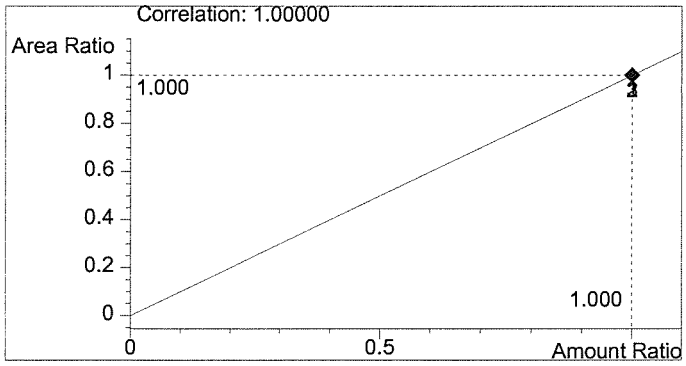


#	Compound	Area	RT
1	Ethanol	1564	1.039
2	n-Propanol	3887	1.697

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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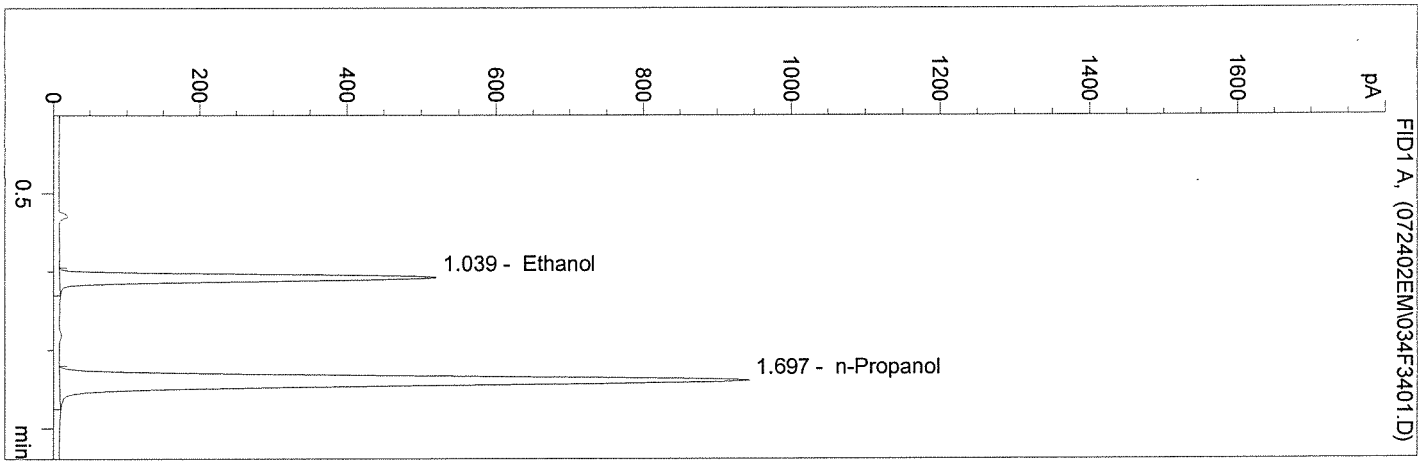
Instrument 1
DB-ALC1

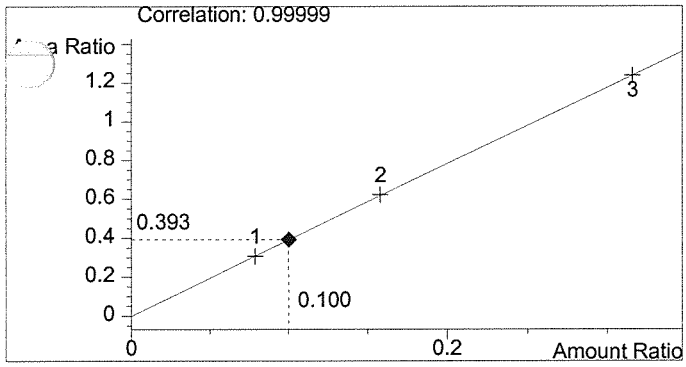
0.100 Control
Estuardo J. Miranda

vial # 34

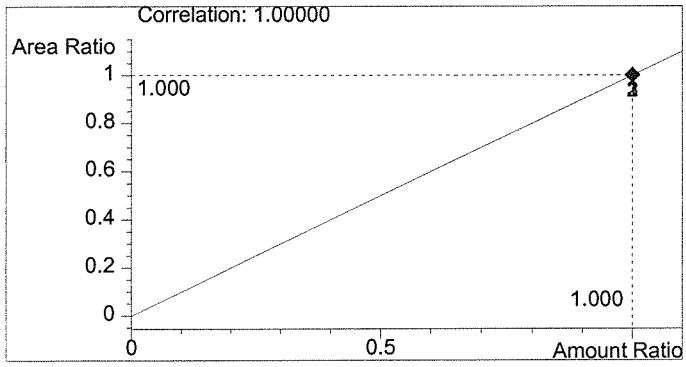


#	Compound	Area	RT
1	Ethanol	1539	1.039
2	n-Propanol	3920	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
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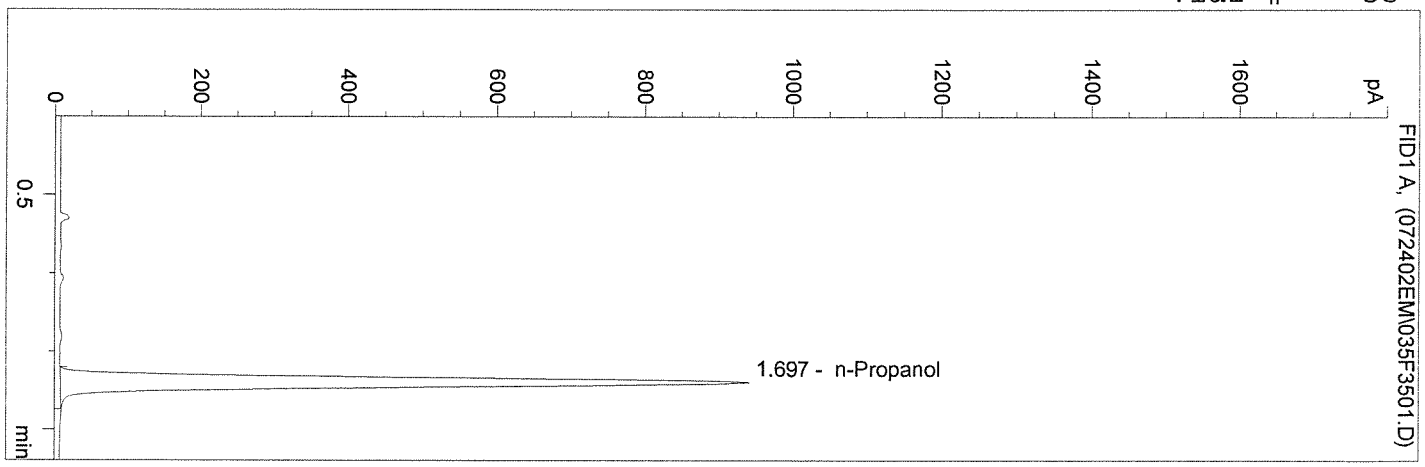
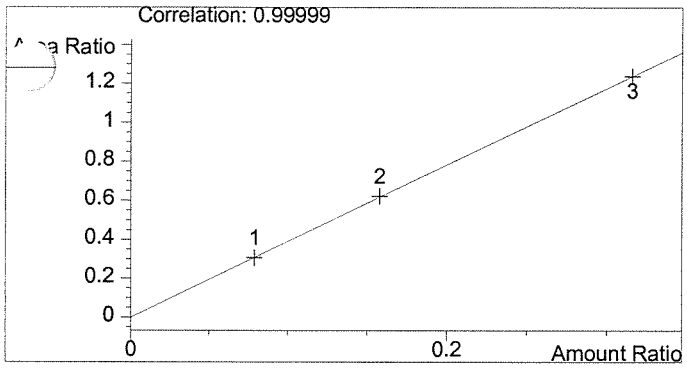
Estuardo J. Miranda

vial # 35

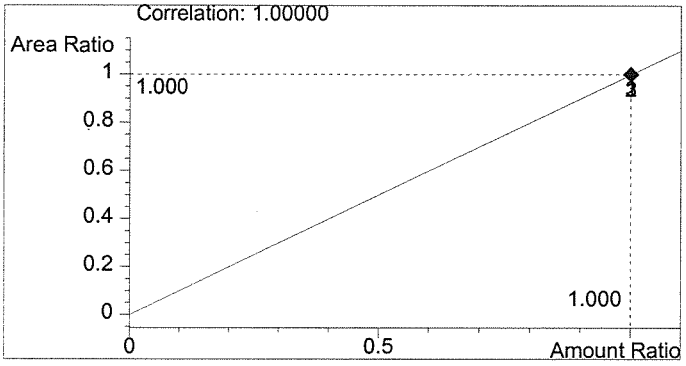


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3923	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
DB-ALC1

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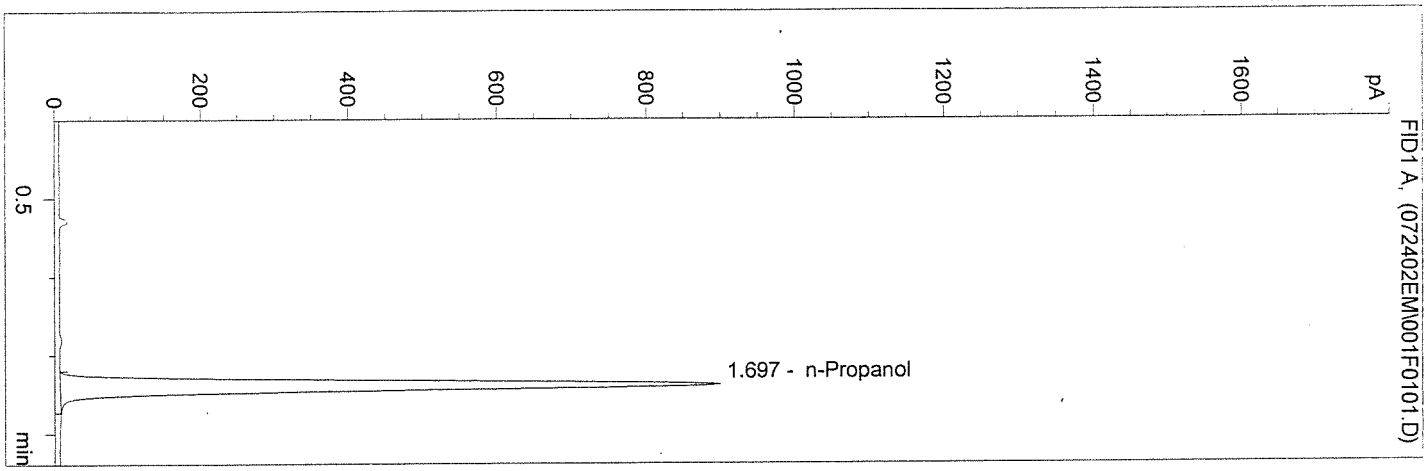
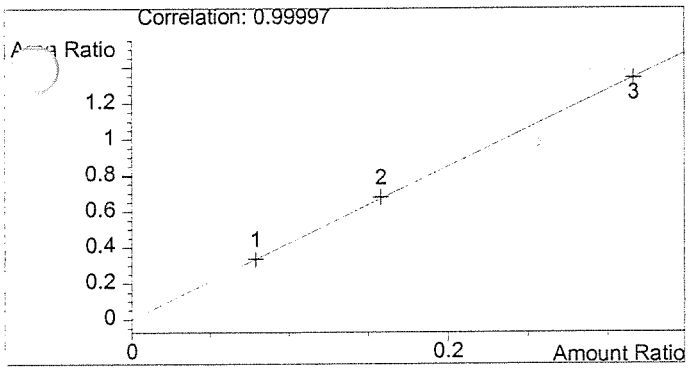
Estuardo J. Miranda

vial # 1

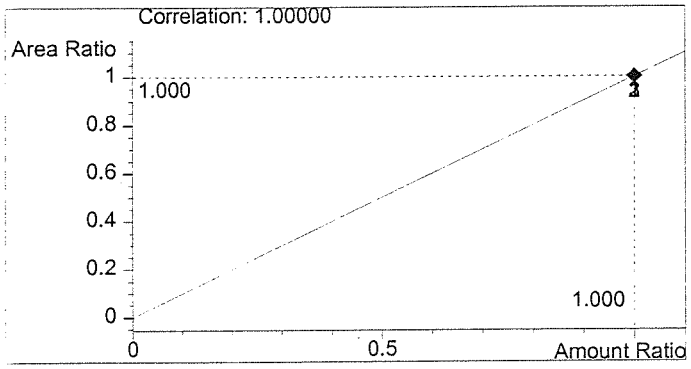


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3749	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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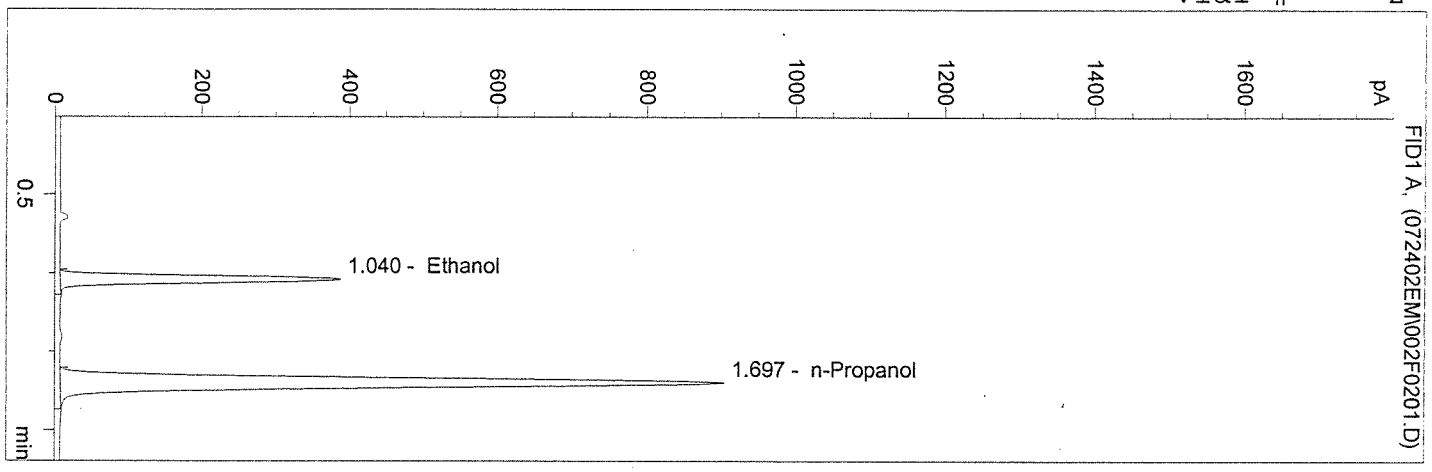
7/26/02 9:21:10 AM
Instrument 1
DB-ALC1

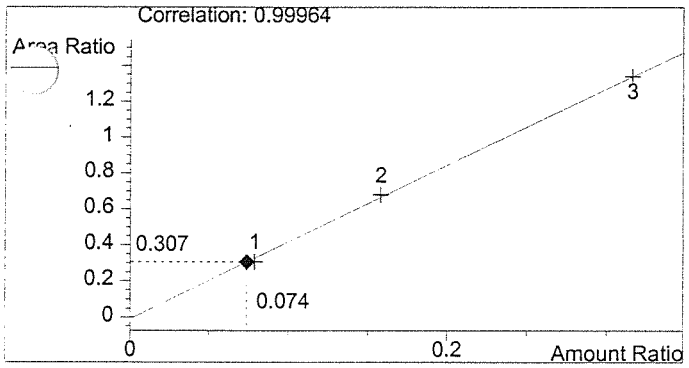
0.079 Calibrator
Estuardo J. Miranda

vial # 2

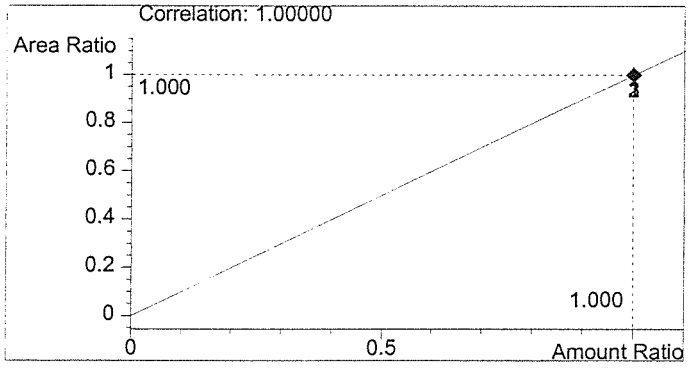


#	Compound	Area	RT
1	Ethanol	1158	1.040
2	n-Propanol	3773	1.697

Totals:



Ethanol 0.074 g/100ml



n-Propanol 1.000 g/100ml

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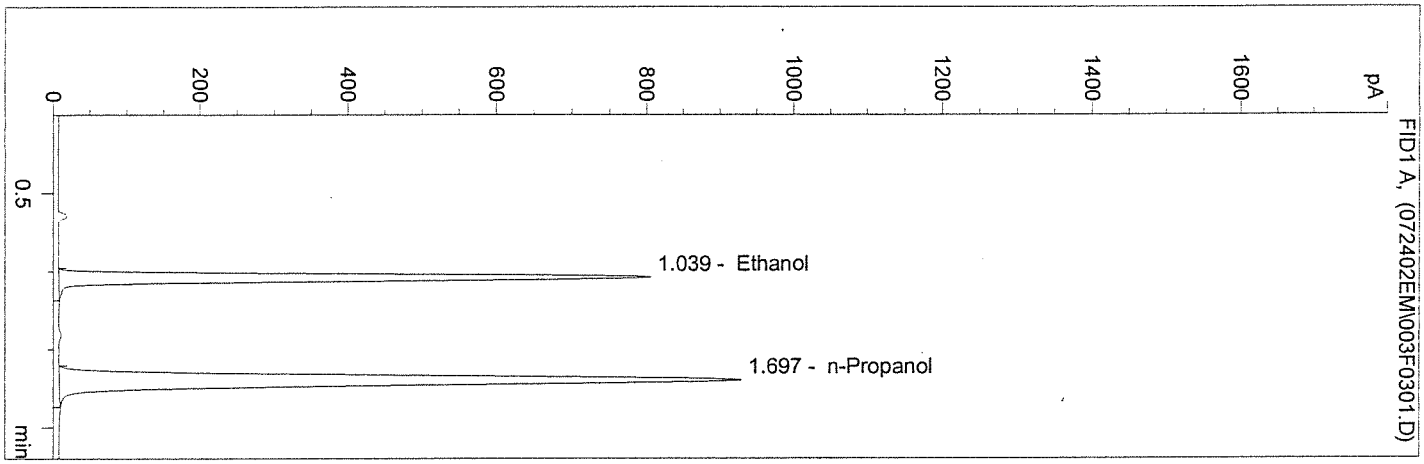
Instrument 1
DB-ALC1

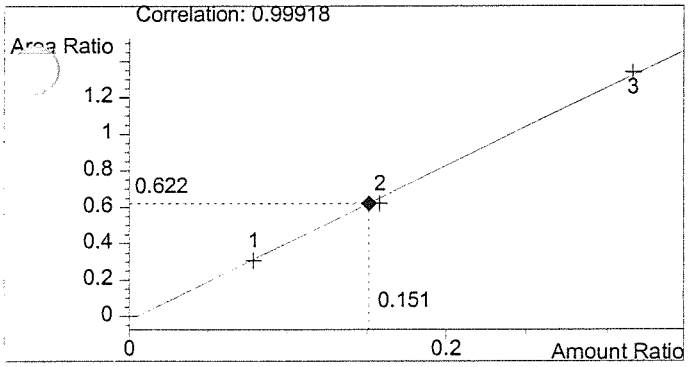
0.158 Calibrator
Estuardo J. Miranda

vial # 3

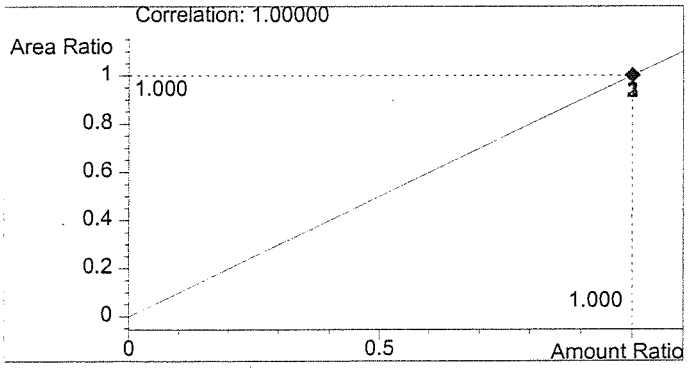


#	Compound	Area	RT
1	Ethanol	2407	1.039
2	n-Propanol	3871	1.697

Totals:



Ethanol 0.151 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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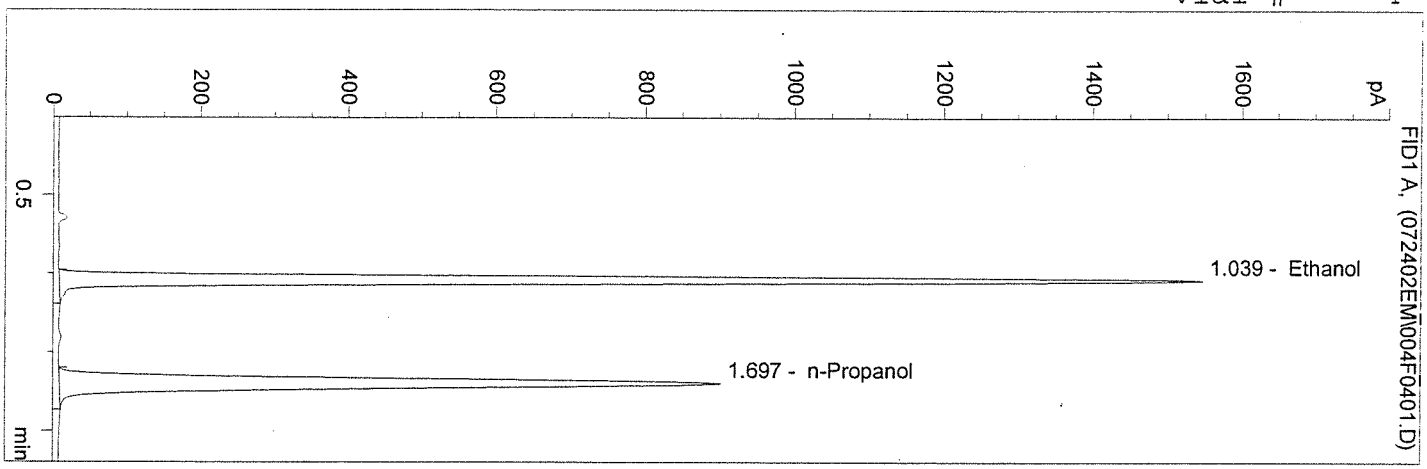
7/26/02 9:27:15 AM
Instrument 1
DB-ALC1

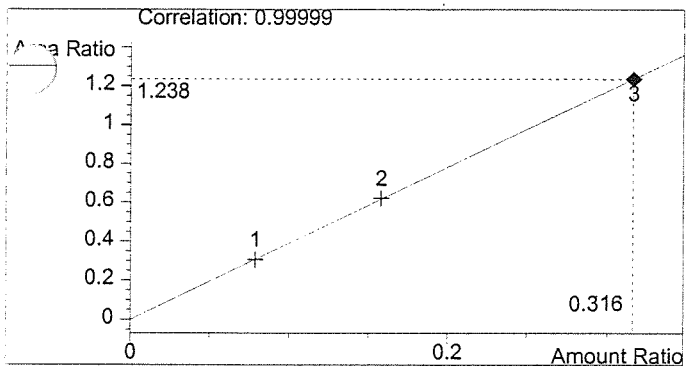
0.316 Calibrator
Estuardo J. Miranda

vial # 4

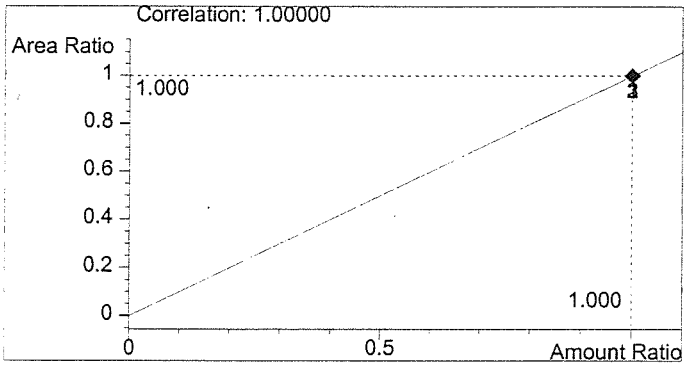


#	Compound	Area	RT
1	Ethanol	4653	1.039
2	n-Propanol	3759	1.697

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
DB-ALC1

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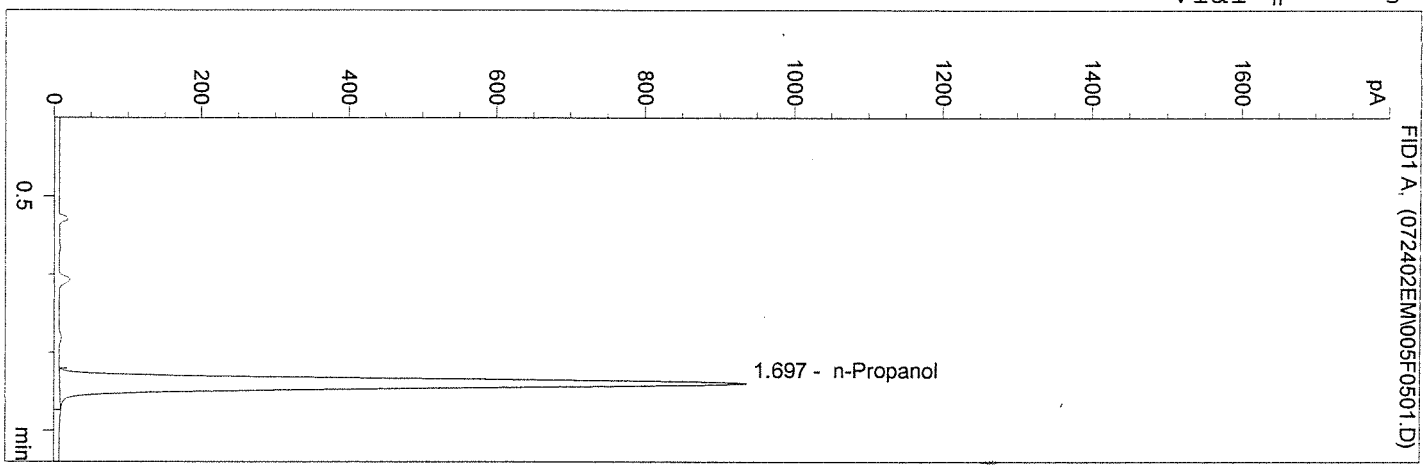
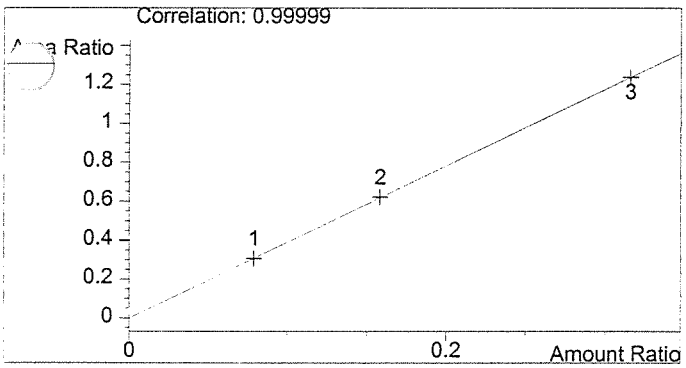
Estuardo J. Miranda

vial # 5

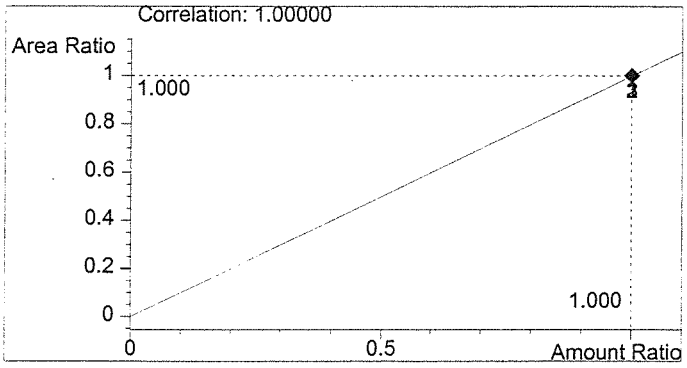


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3896	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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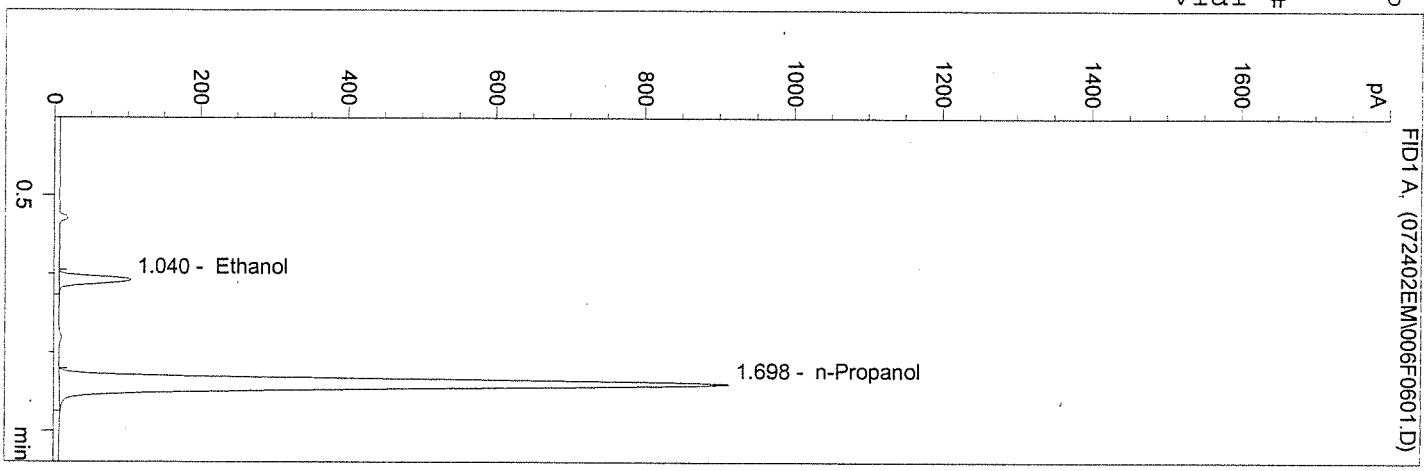
7/26/02 9:33:39 AM
Instrument 1
DB-ALC1

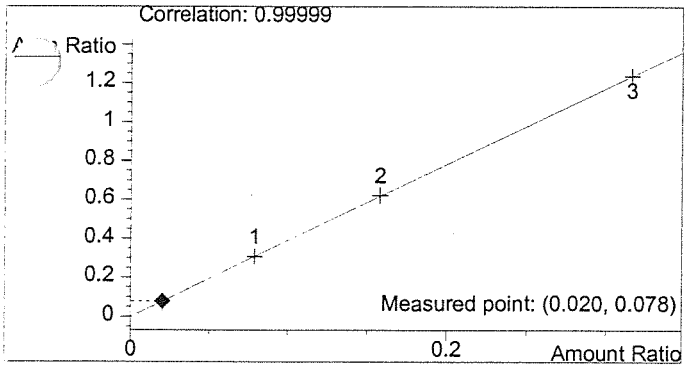
0.02
Estuardo J. Miranda

vial # 6

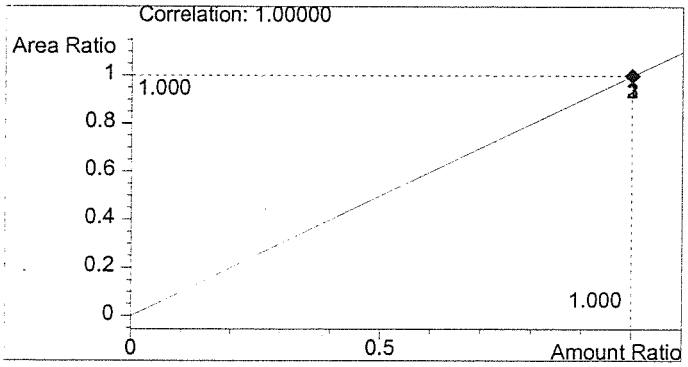


#	Compound	Area	RT
1	Ethanol	298	1.040
2	n-Propanol	3808	1.698

Totals:



Ethanol 0.020 g/100ml



n-Propanol 1.000 g/100ml

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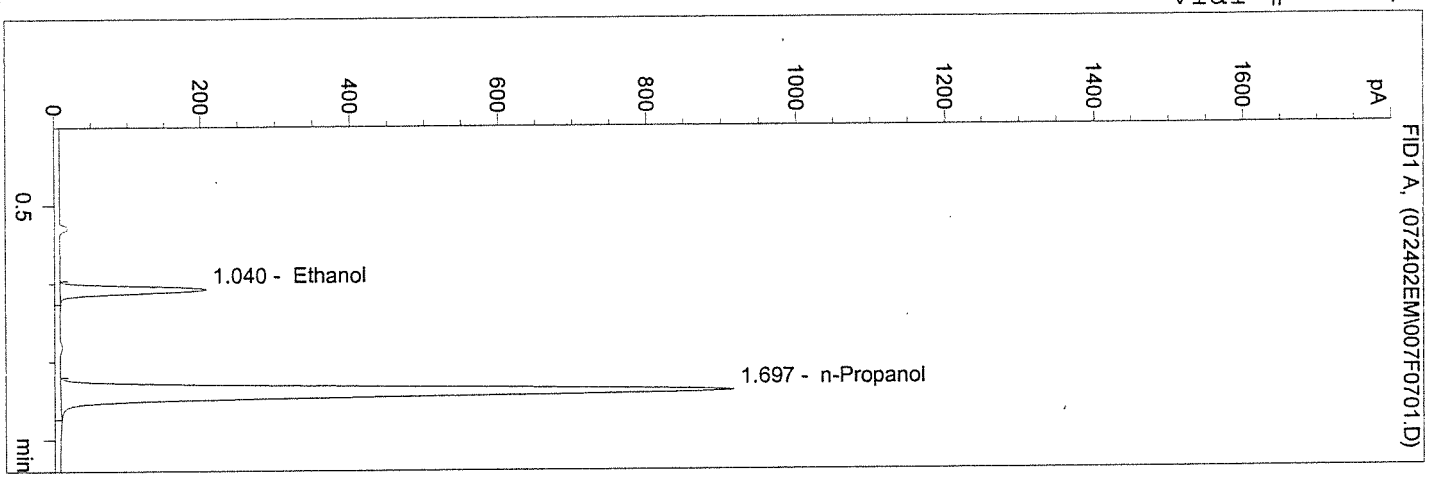
Instrument 1
DB-ALC1

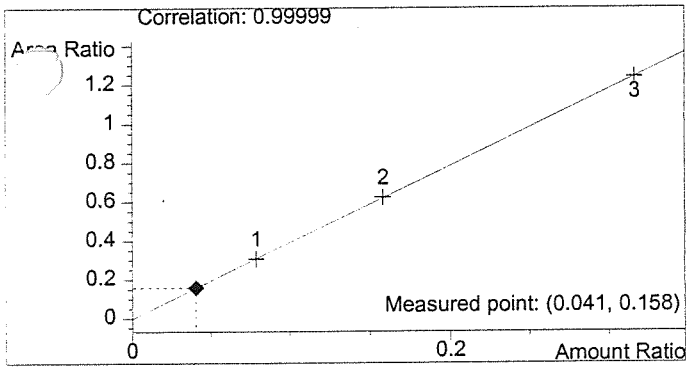
0.040 CAP
Estuardo J. Miranda

vial # 7

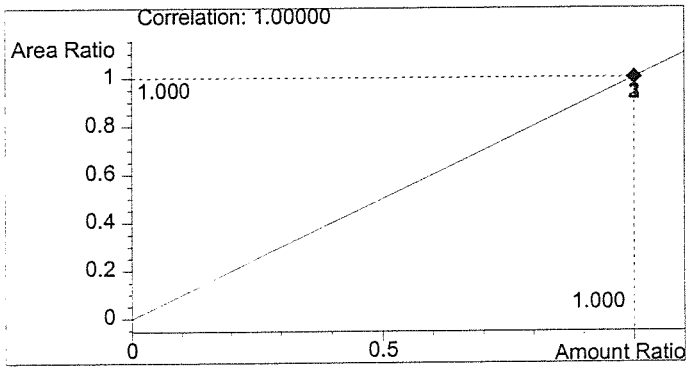


#	Compound	Area	RT
1	Ethanol	605	1.040
2	n-Propanol	3819	1.697

Totals:



Ethanol 0.041 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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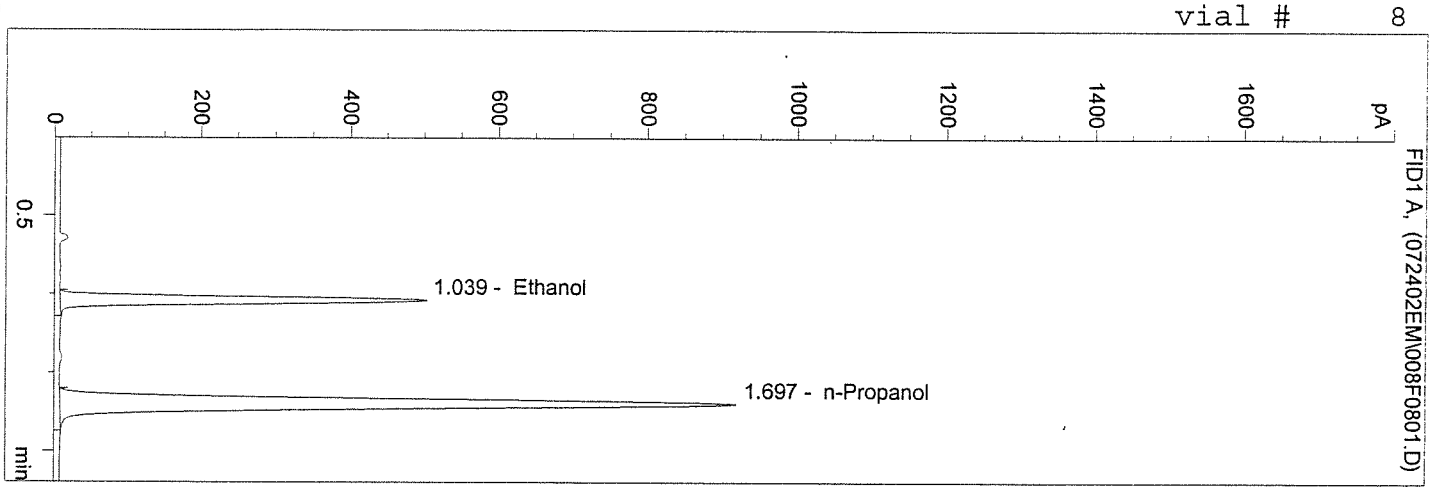
7/26/02 9:39:43 AM
Instrument 1
DB-ALC1

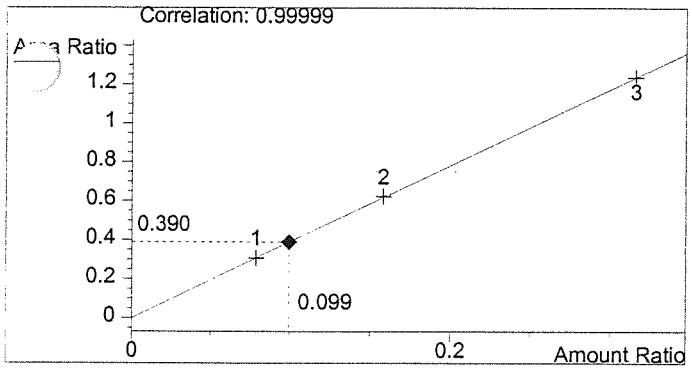
0.100 Control
Estuardo J. Miranda

vial # 8

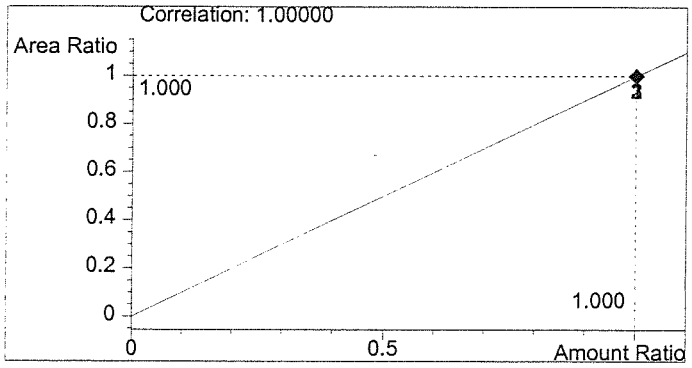


#	Compound	Area	RT
1	Ethanol	1493	1.039
2	n-Propanol	3832	1.697

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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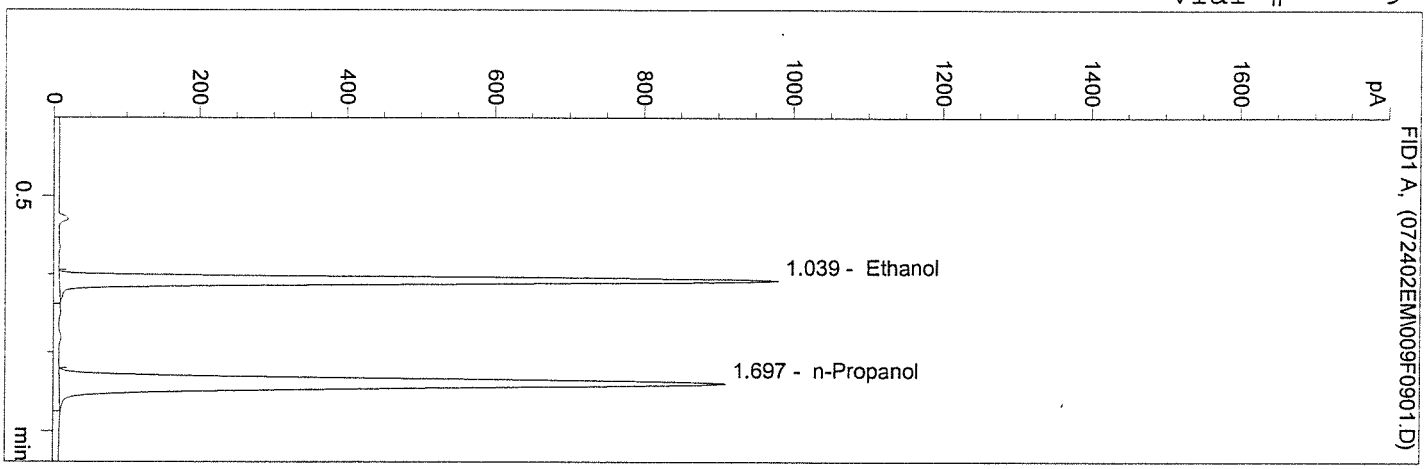
7/26/02 9:43:07 AM
Instrument 1
DB-ALC1

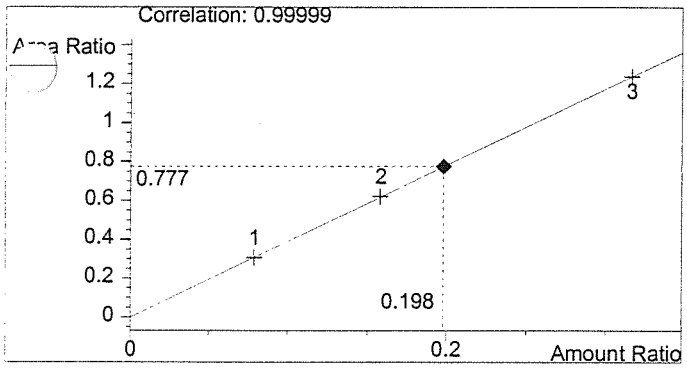
0.200 Control
Estuardo J. Miranda

vial # 9

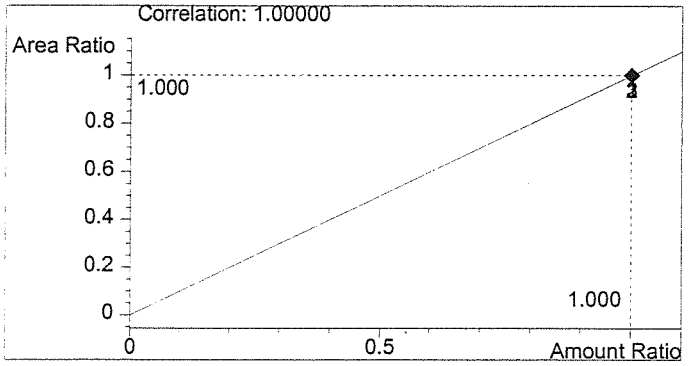


#	Compound	Area	RT
1	Ethanol	2952	1.039
2	n-Propanol	3800	1.697

Totals:



Ethanol 0.198 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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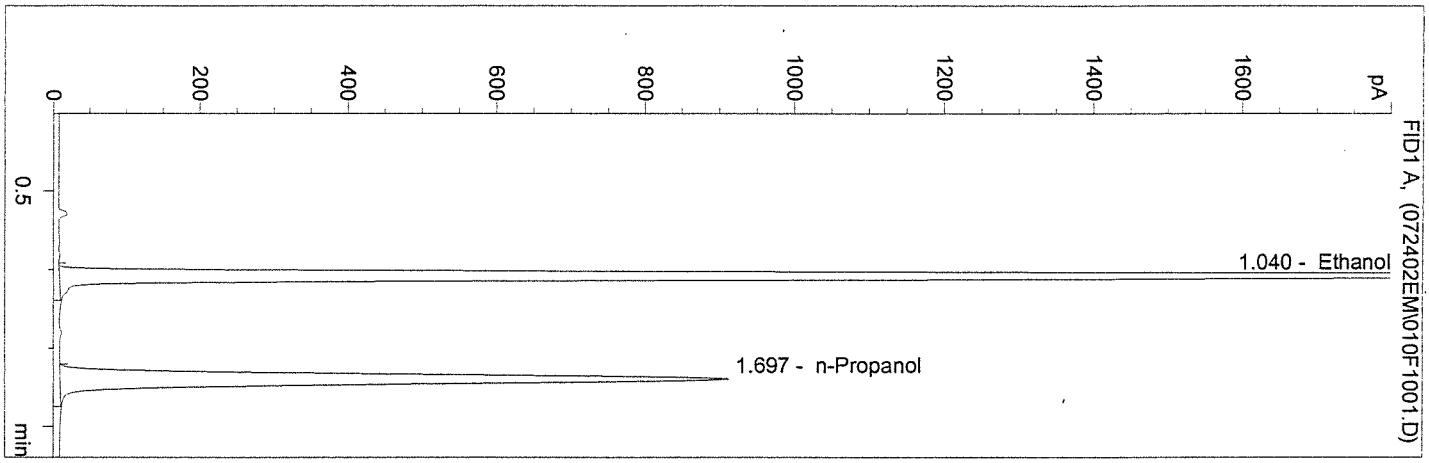
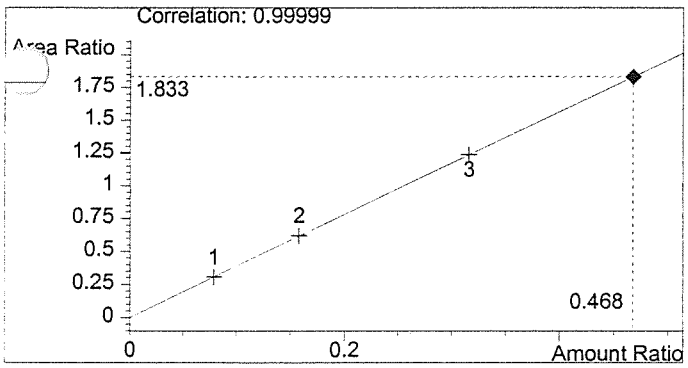
7/26/02 9:46:08 AM 0.474
Instrument 1 Estuardo J. Miranda
DB-ALC1
vial # 10

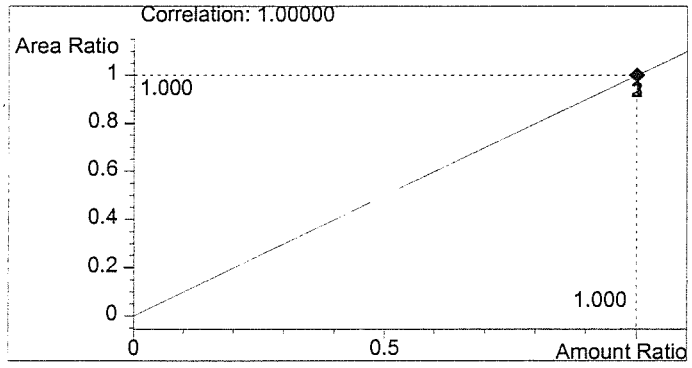


#	Compound	Area	RT
1	Ethanol	6966	1.040
2	n-Propanol	3801	1.697

Totals:



Ethanol 0.468 g/100ml



n-Propanol 1.000 g/100ml

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7/26/02 9:49:10 AM
Instrument 1
DB-ALC1

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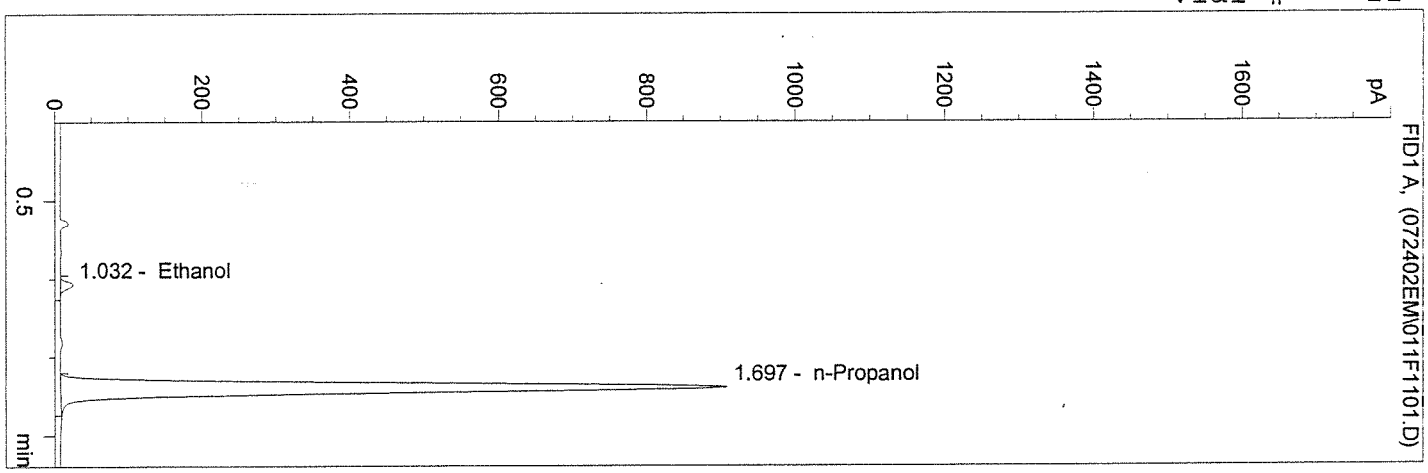
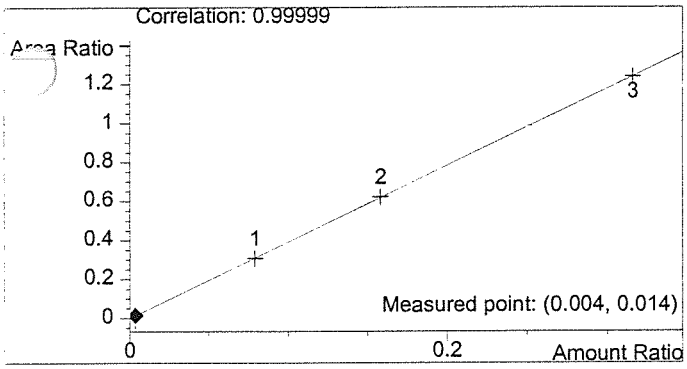
Estuardo J. Miranda

vial # 11

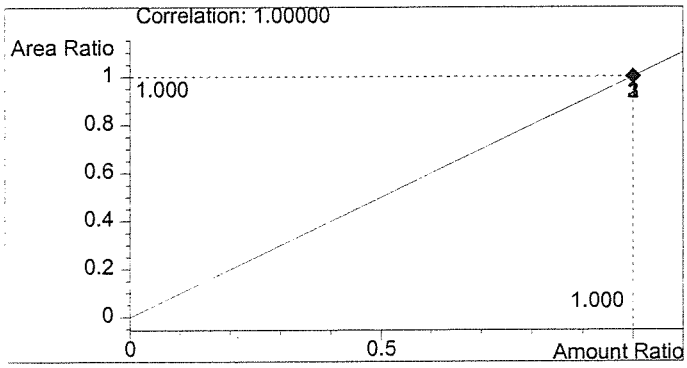


#	Compound	Area	RT
1	Ethanol	52	1.032
2	n-Propanol	3790	1.697

Totals:



Ethanol 0.004 g/100ml



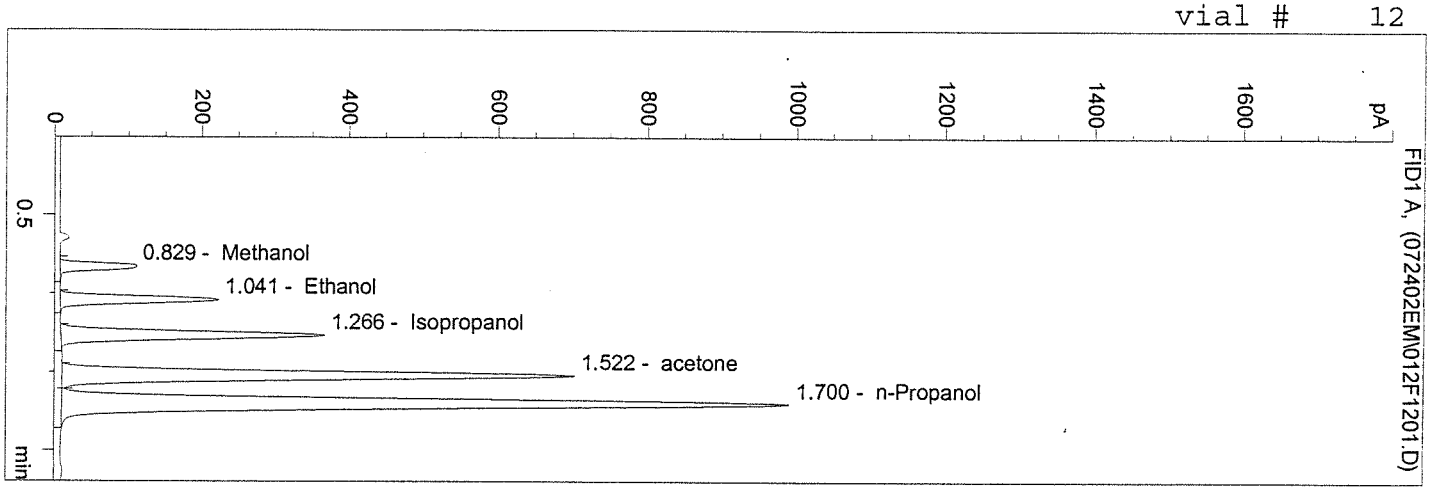
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\VOL.M
7/26/02 9:52:17 AM
Instrument 1
DB-ALC1

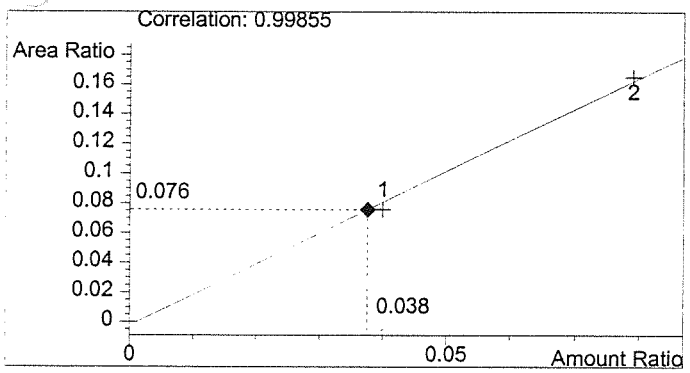
0.040 Mix Calib.
Estuardo J. Miranda

vial # 12

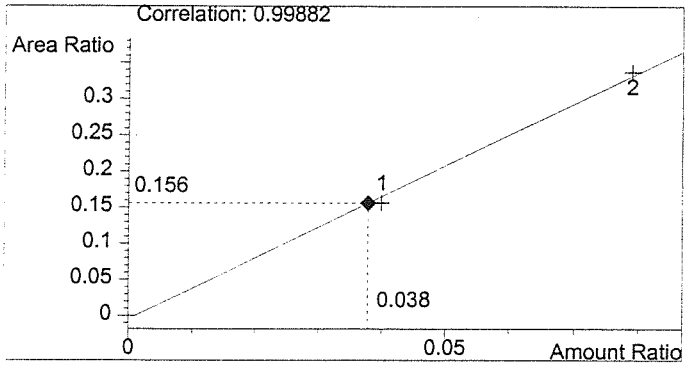


#	Compound	Area	RT
1	Methanol	309	0.829
2	Ethanol	638	1.041
3	Isopropanol	1207	1.266
4	acetone	2527	1.522
5	n-Propanol	4080	1.700

Totals:

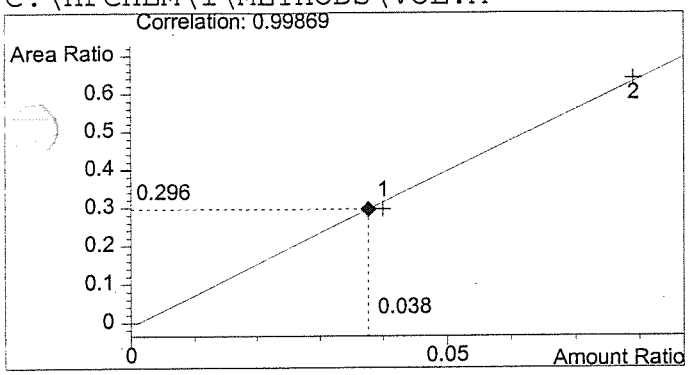


Methanol 0.038 g/100ml

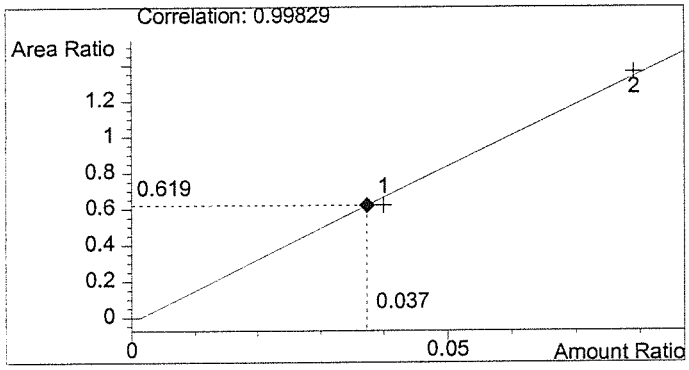


Ethanol 0.038 g/100ml

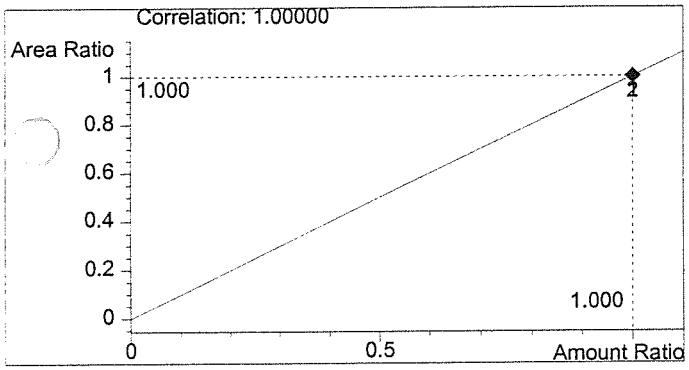
C:\HPCHEM\1\METHODS\VOL.M



Isopropanol 0.038 g/100ml



acetone 0.037 g/100ml



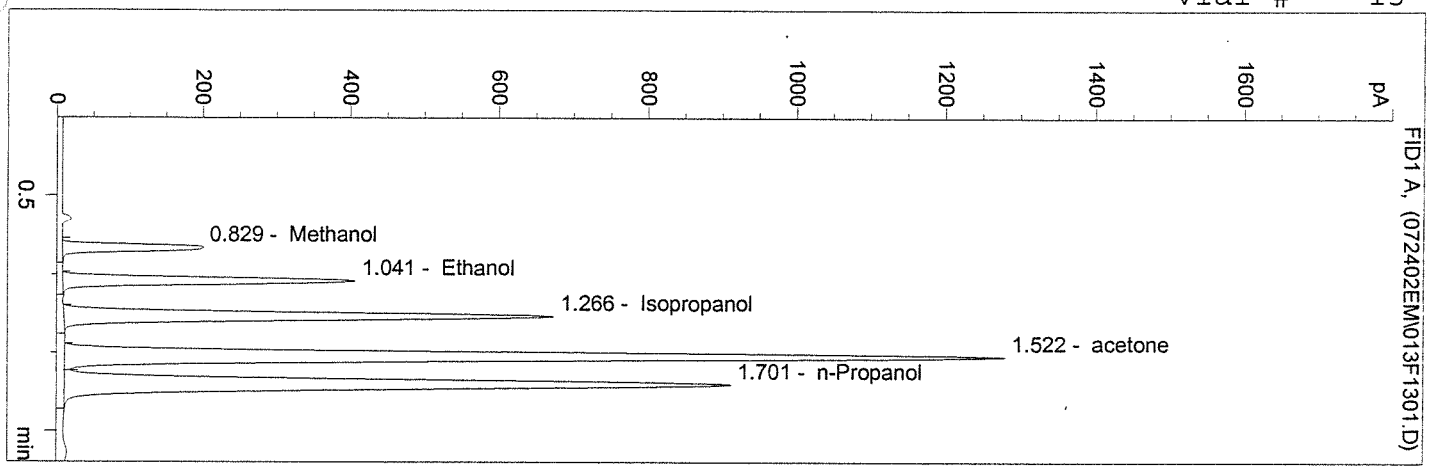
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\VOL.M
7/26/02 9:55:29 AM
Instrument 1
DB-ALC1

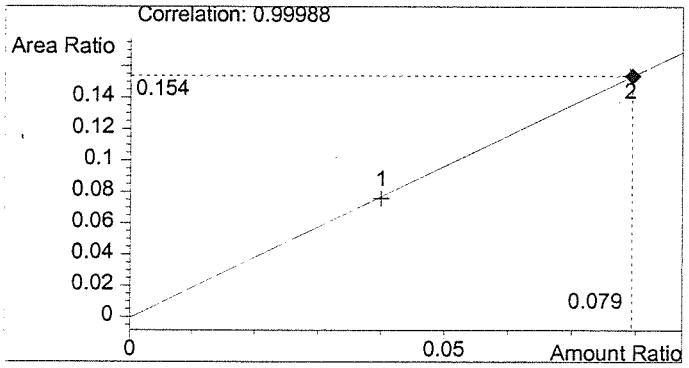
0.078 Mix Calib.
Estuardo J. Miranda

vial # 13

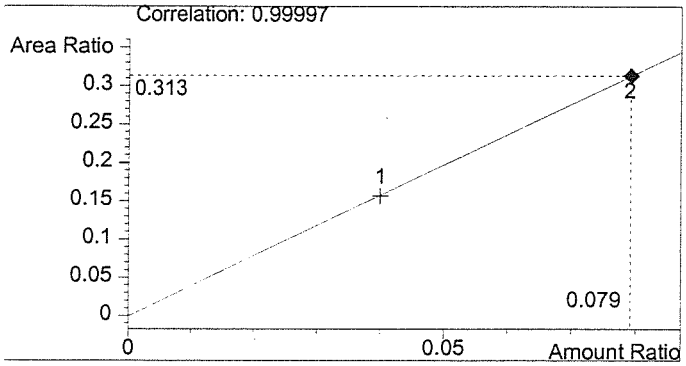


#	Compound	Area	RT
1	Methanol	576	0.829
2	Ethanol	1173	1.041
3	Isopropanol	2228	1.266
4	acetone	4623	1.522
5	n-Propanol	3747	1.701

Totals:



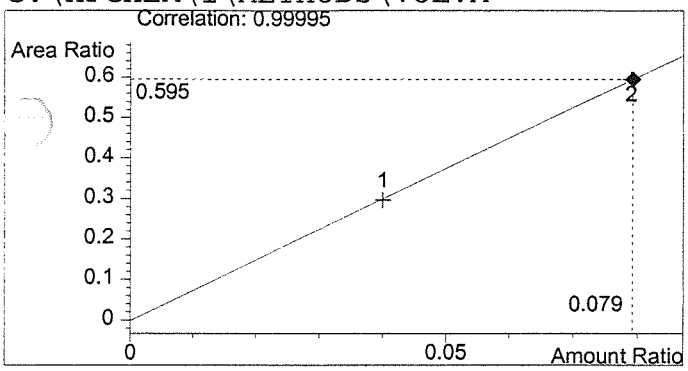
Methanol 0.079 g/100ml



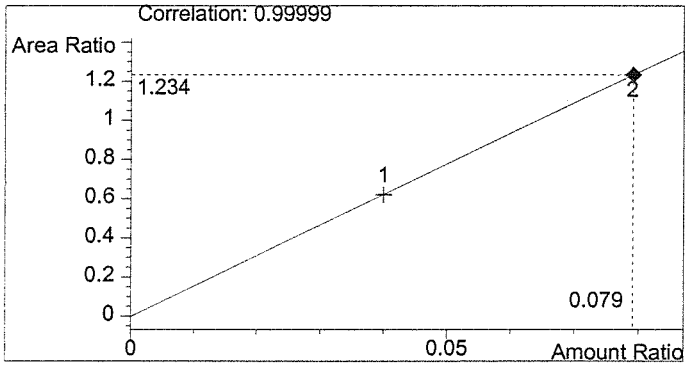
Ethanol 0.079 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

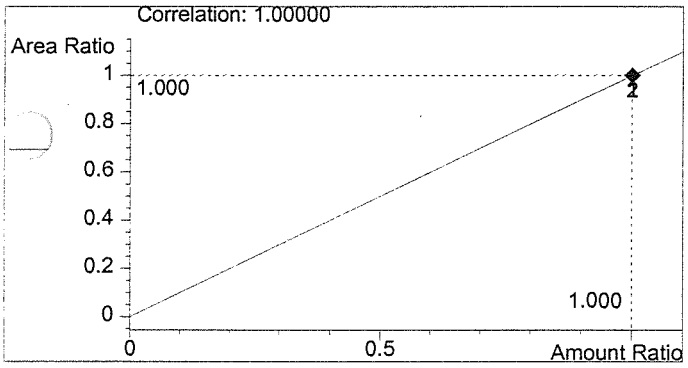
C:\HPCHEM\1\METHODS\VOL.M



Isopropanol 0.079 g/100ml



acetone 0.079 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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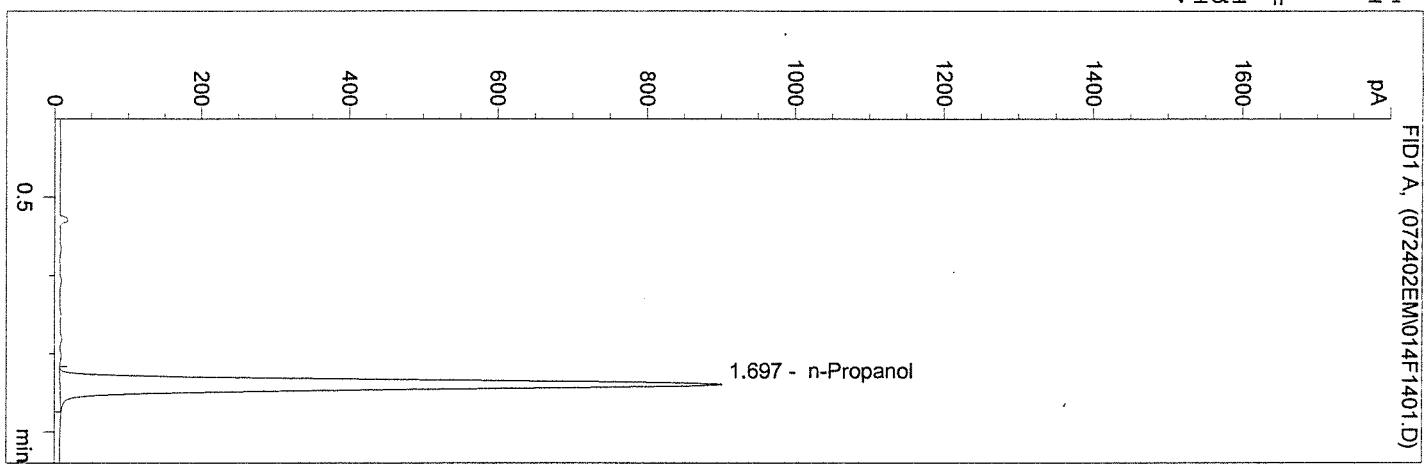
7/26/02 9:58:40 AM
Instrument 1
DR-ALC1

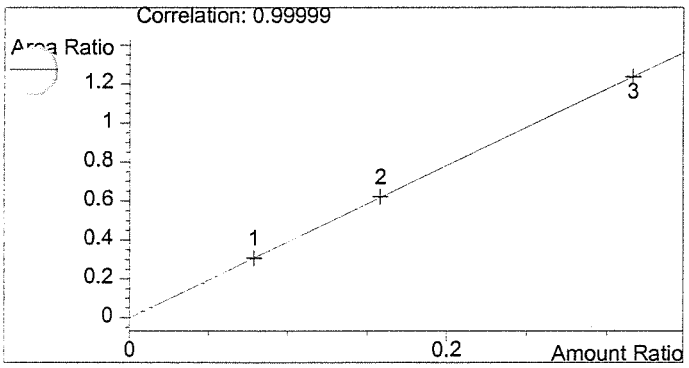
BLANK
Estuardo J. Miranda

vial # 14

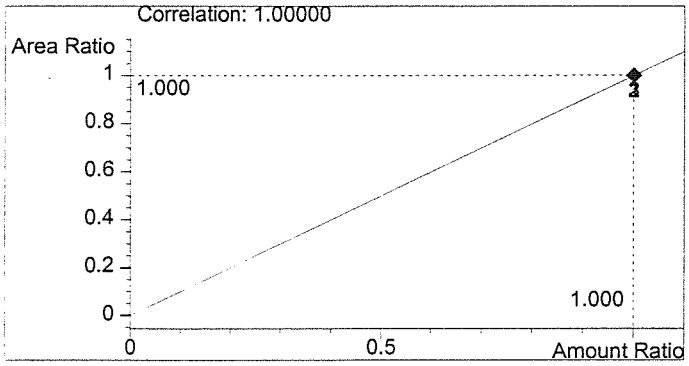


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3759	1.697

Totals:



Ethanol 0.000 g/100ml

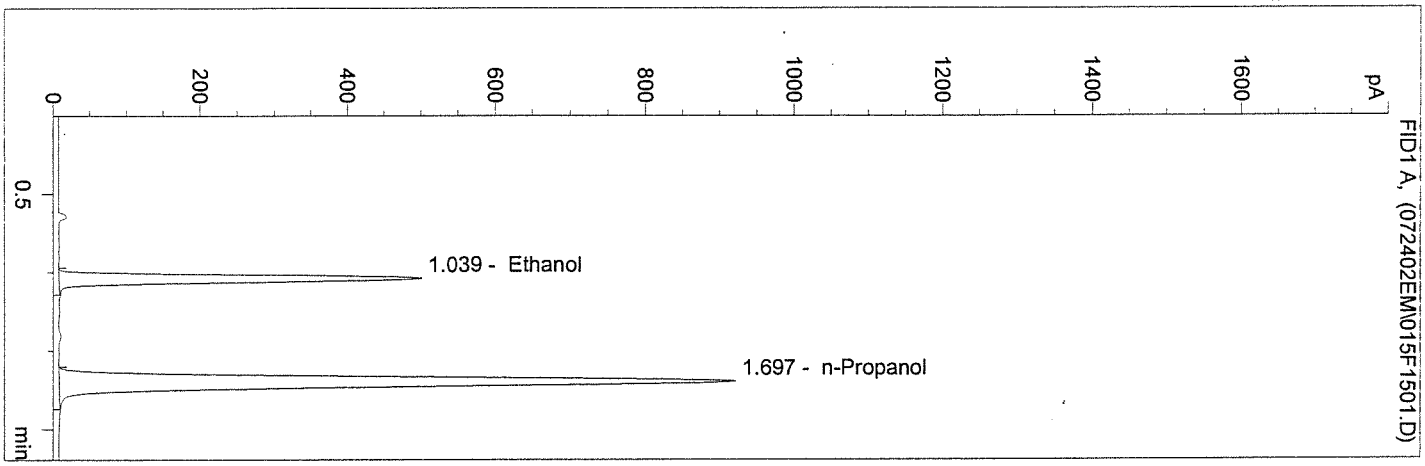


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
7/26/02 10:01:42 AM
Instrument 1
DB-ALC1

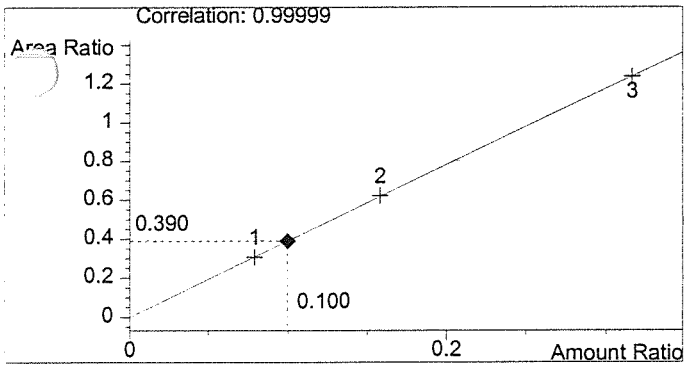
0.100 Control
Estuardo J. Miranda

vial # 15

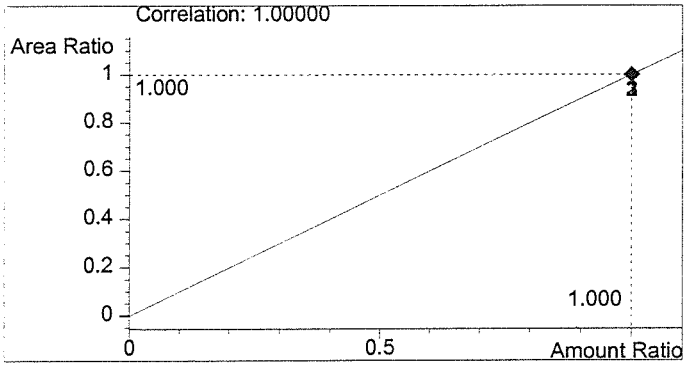


#	Compound	Area	RT
1	Ethanol	1497	1.039
2	n-Propanol	3835	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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7/26/02 10:04:44 AM
Instrument 1
DB-ALC1

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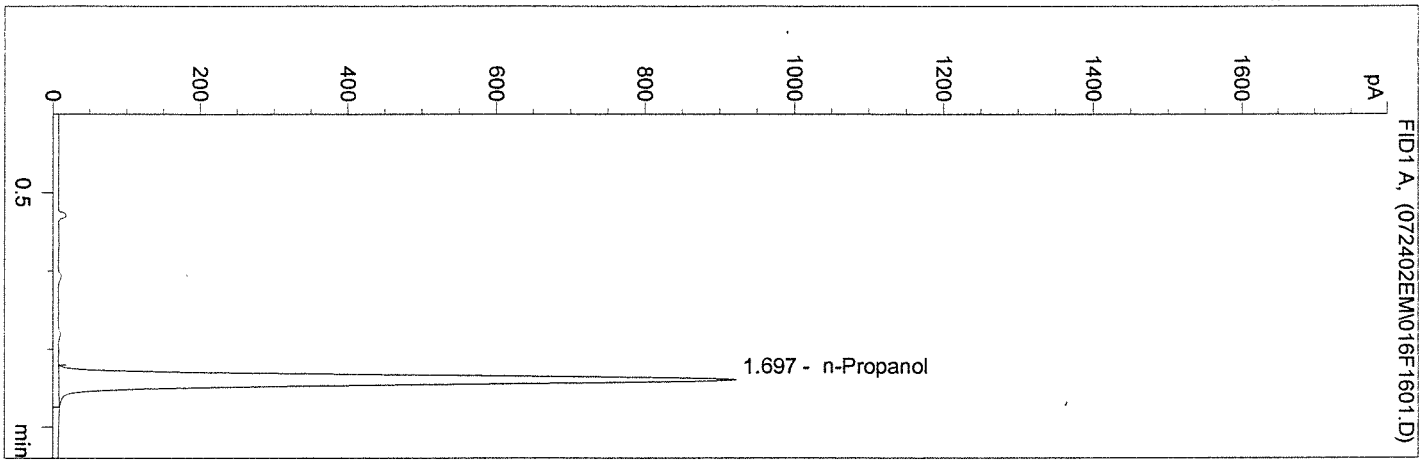
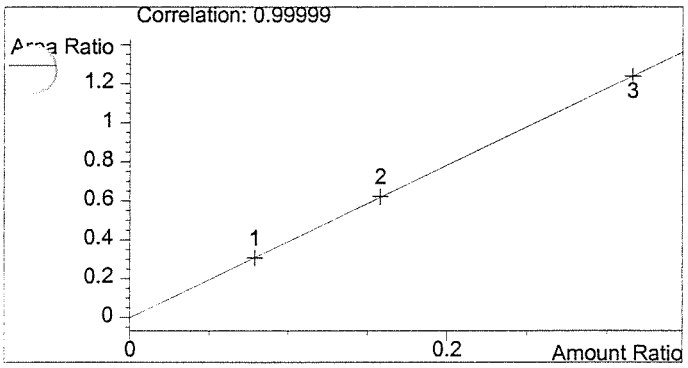
Estuardo J. Miranda

vial # 16

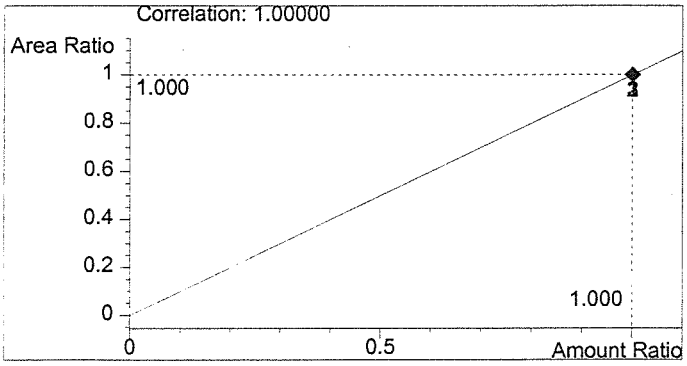


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3837	1.697

Totals:



Ethanol 0.000 g/100ml



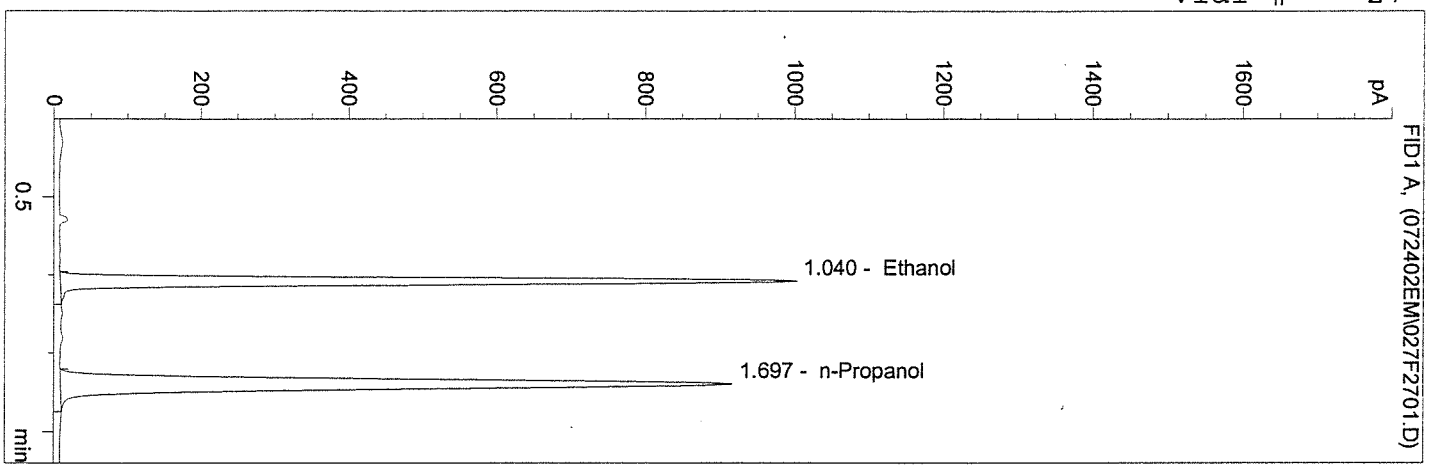
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/26/02 10:39:04 AM
Instrument 1
DB-ALC1

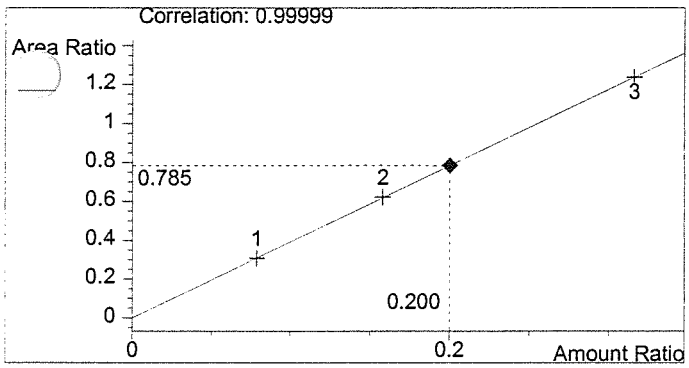
0.200 Control
Estuardo J. Miranda

vial # 27

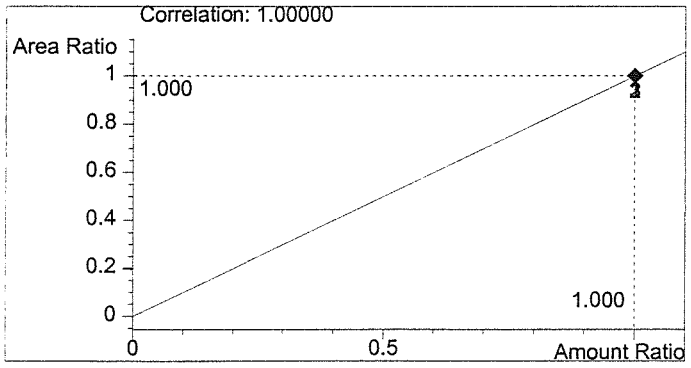


#	Compound	Area	RT
1	Ethanol	3001	1.040
2	n-Propanol	3824	1.697

Totals:



Ethanol 0.200 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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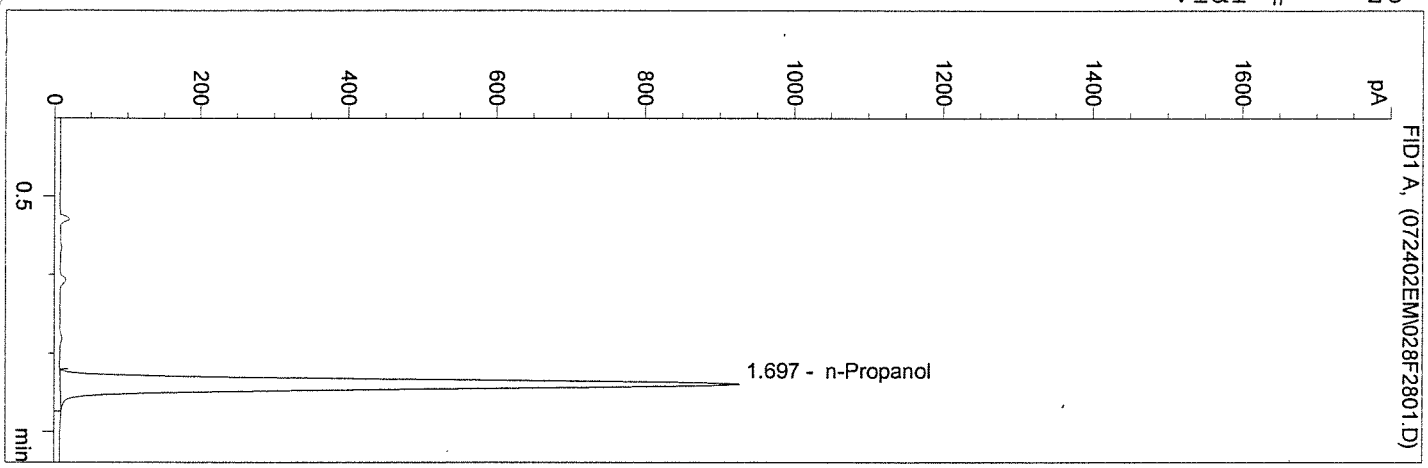
7/26/02 10:42:06 AM
Instrument 1
DB-ALC1

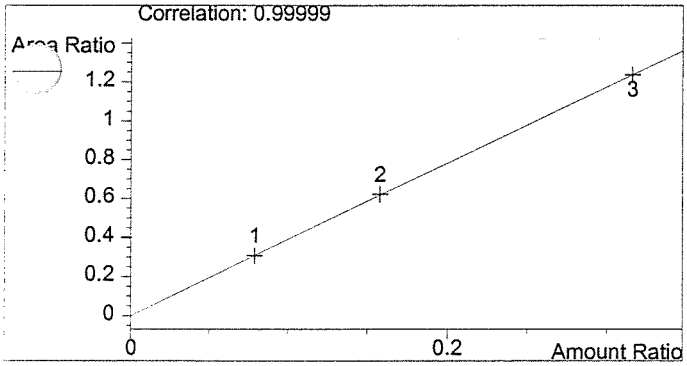
BLANK
Estuardo J. Miranda

vial # 28

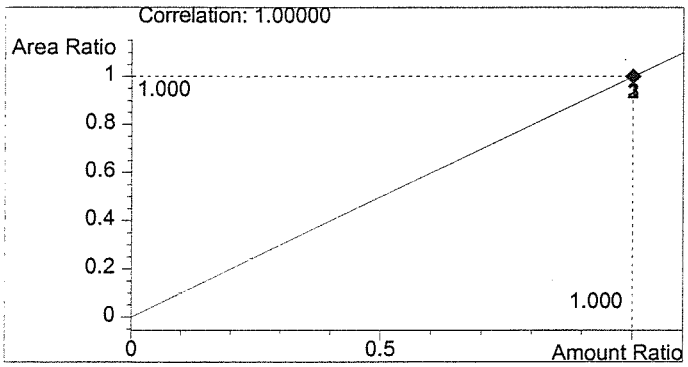


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3852	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	0.20 CONTROL	BLDALCO2	1	Ctrl Samp		
2	2	BLANK	BLDALCO2	1	Sample		
3	3	024396	BLDALCO2	1	Sample		
4	4	024397	BLDALCO2	1	Sample		
5	5	024398	BLDALCO2	1	Sample		
6	6	024399	BLDALCO2	1	Sample		
7	7	024400	BLDALCO2	1	Sample		
8	8	024401	BLDALCO2	1	Sample		
9	9	024402	BLDALCO2	1	Sample		
10	10	024403	BLDALCO2	1	Sample		
11	11	024404	BLDALCO2	1	Sample		
12	12	024391-R	BLDALCO2	1	Sample		
13	13	0.04 CONTROL	BLDALCO2	1	Ctrl Samp		
14	14	BLANK	BLDALCO2	1	Sample		
15	15	020028-1	BLDALCO2	1	Sample		
16	16	020028-2	BLDALCO2	1	Sample		
17	17	020028-3	BLDALCO2	1	Sample		
18	18	020028-4	BLDALCO2	1	Sample		
19	19	020028-5	BLDALCO2	1	Sample		
20	20	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
21	21	BLANK	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

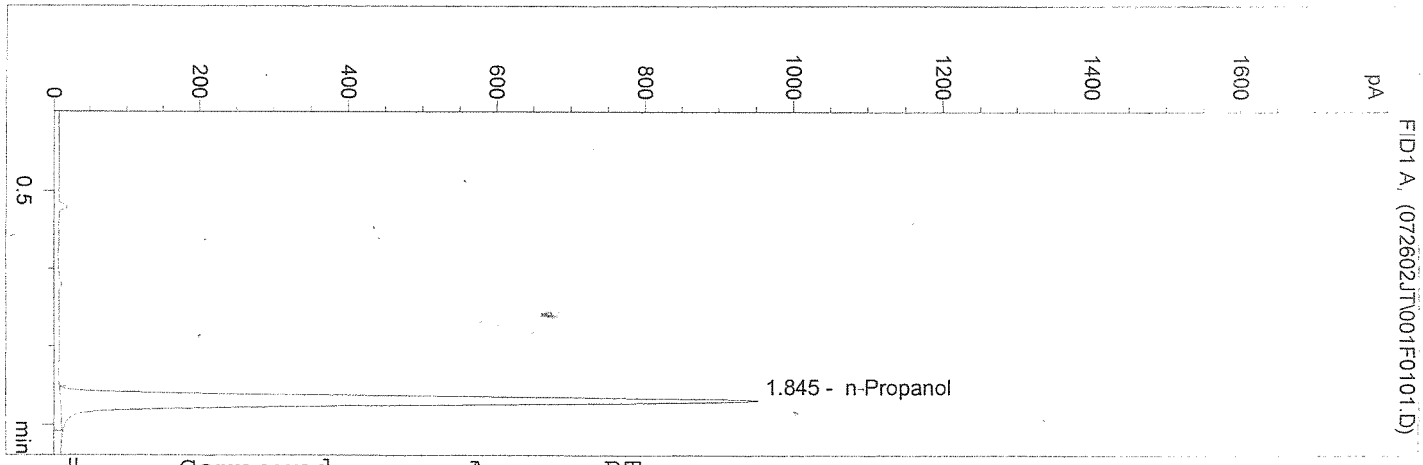
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/26/02 3:18:46 PM
Instrument 2
DB-ALC1

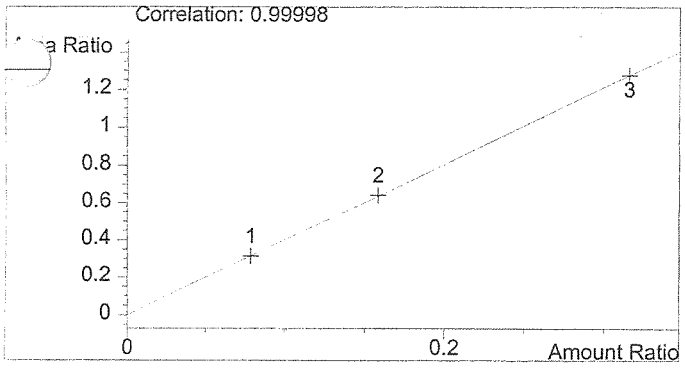
BLANK
Jayne E. Thatcher

vial # 1

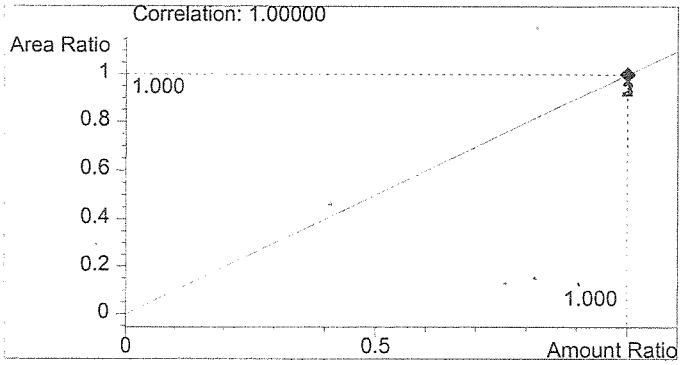


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3688	1.845

Totals:



Ethanol 0.000 g/100ml



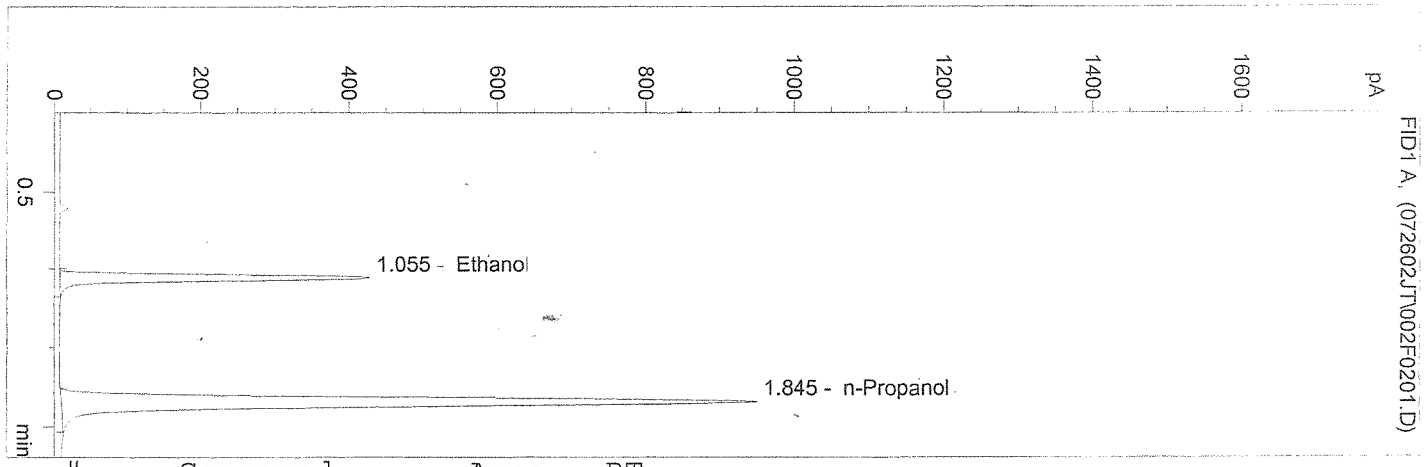
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/26/02 3:21:49 PM
Instrument 2
DB-ALC1

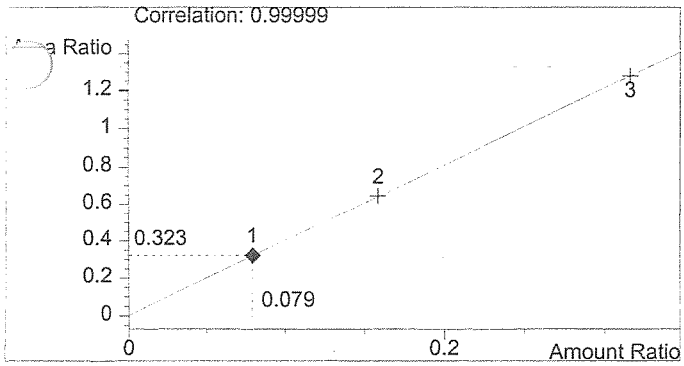
0.079 CAL
Jayne E. Thatcher

vial # 2

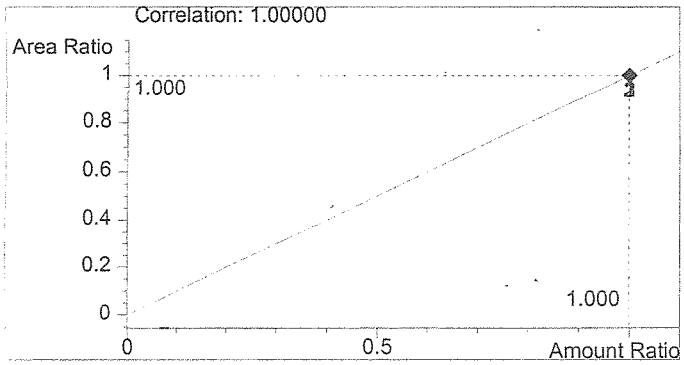


#	Compound	Area	RT
1	Ethanol	1188	1.055
2	n-Propanol	3683	1.845

Totals:



Ethanol 0.079 g/100ml



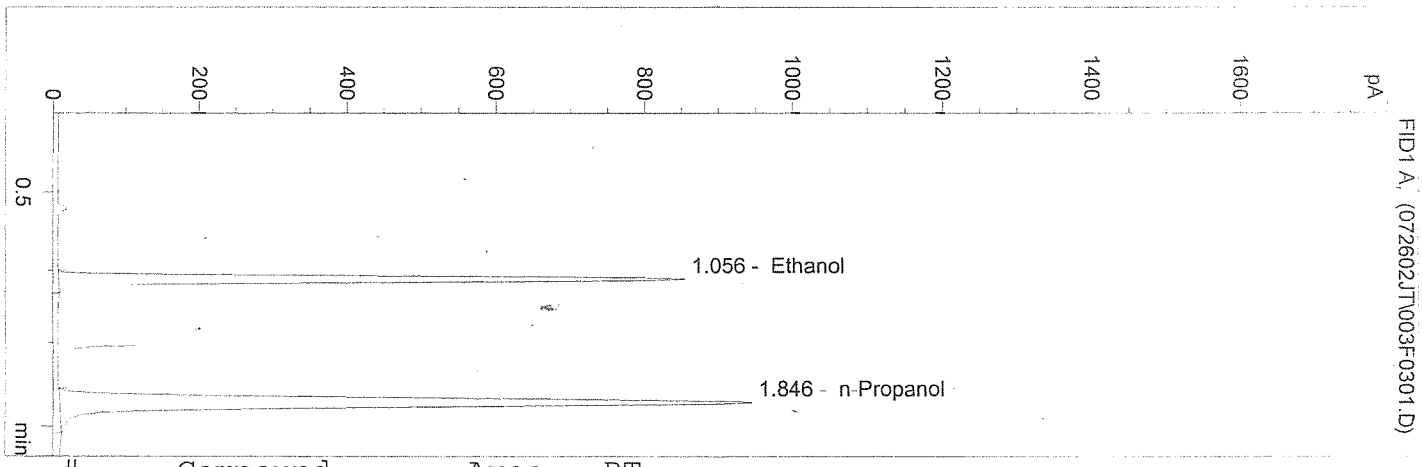
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/26/02 3:24:51 PM
Instrument 2
-ALC1

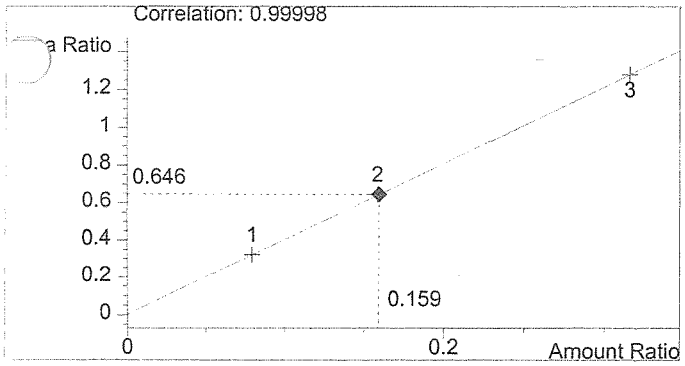
0.158 CAL
Jayne E. Thatcher

vial # 3

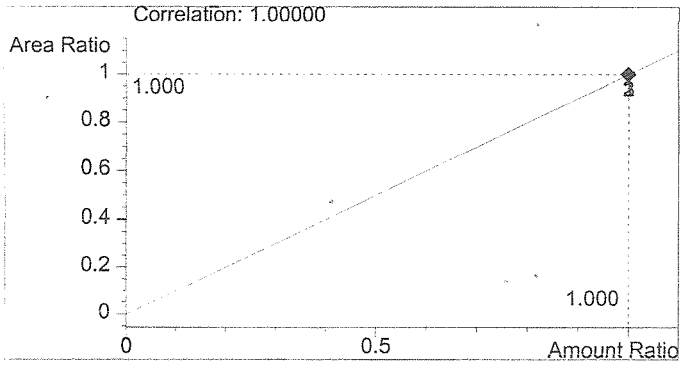


#	Compound	Area	RT
1	Ethanol	2371	1.056
2	n-Propanol	3672	1.846

Totals:



Ethanol 0.159 g/100ml



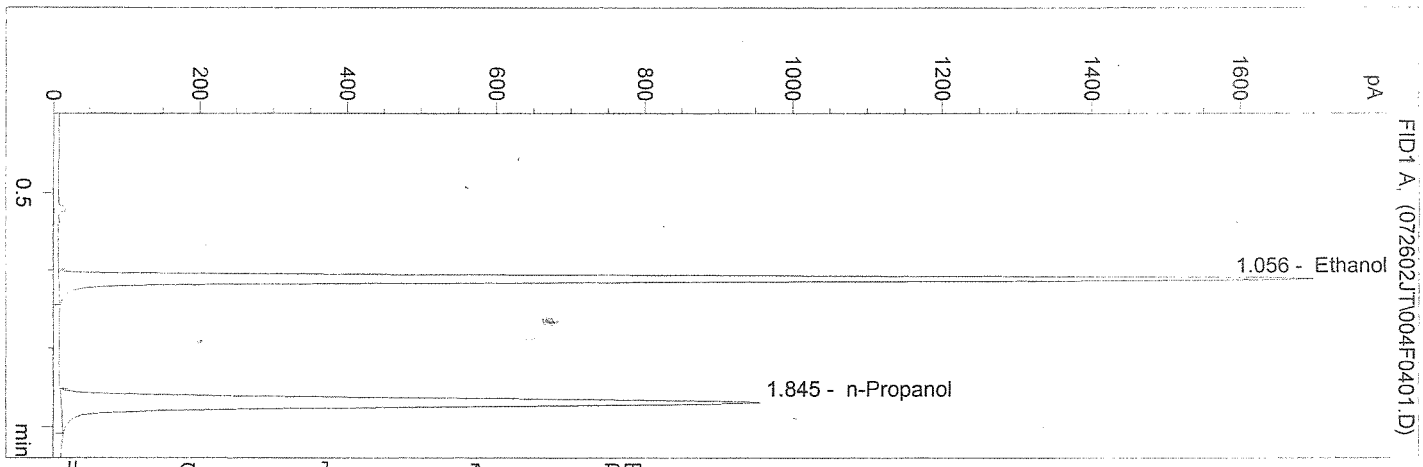
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/26/02 3:27:53 PM
Instrument 2
DB-ALC1

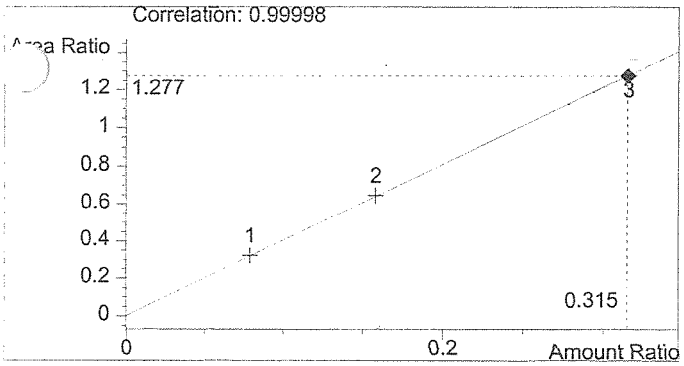
0.316 CAL
Jayne E. Thatcher

vial # 4

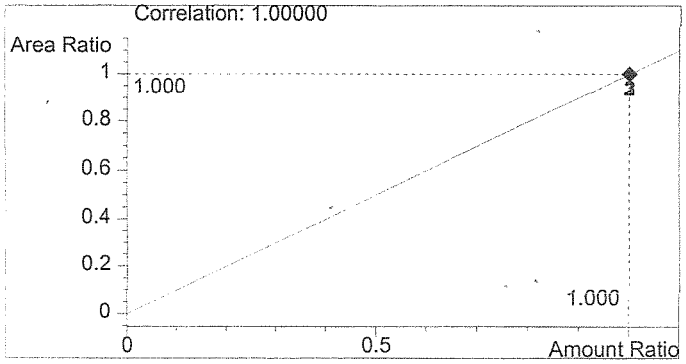


#	Compound	Area	RT
1	Ethanol	4734	1.056
2	n-Propanol	3708	1.845

Totals:



Ethanol 0.315 g/100ml



n-Propanol 1.000 g/100ml

':\HPCHEM\2\METHODS\BLDALCO2.M
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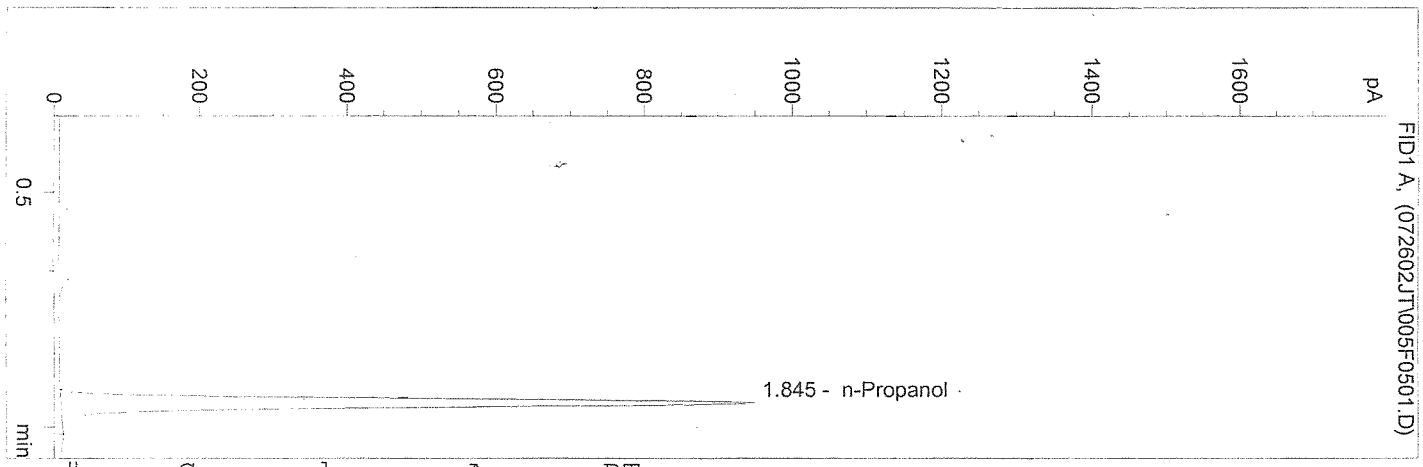
nstrument 2
B-ALC1

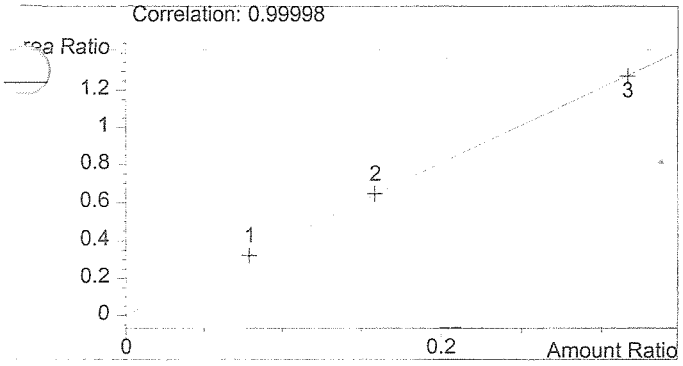
BLANK
Jayne E. Thatcher

vial # 5

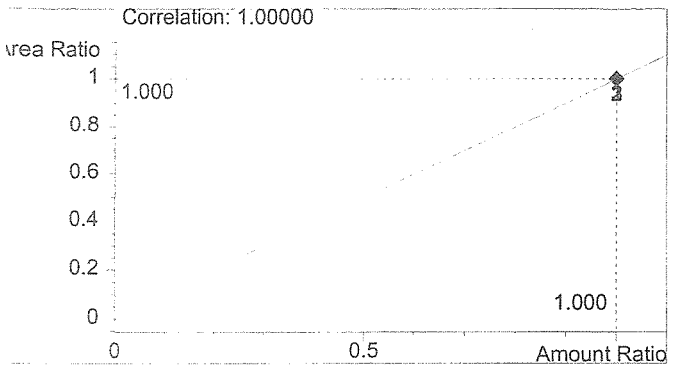


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3706	1.845

Totals:



Ethanol 0.000 g/100ml



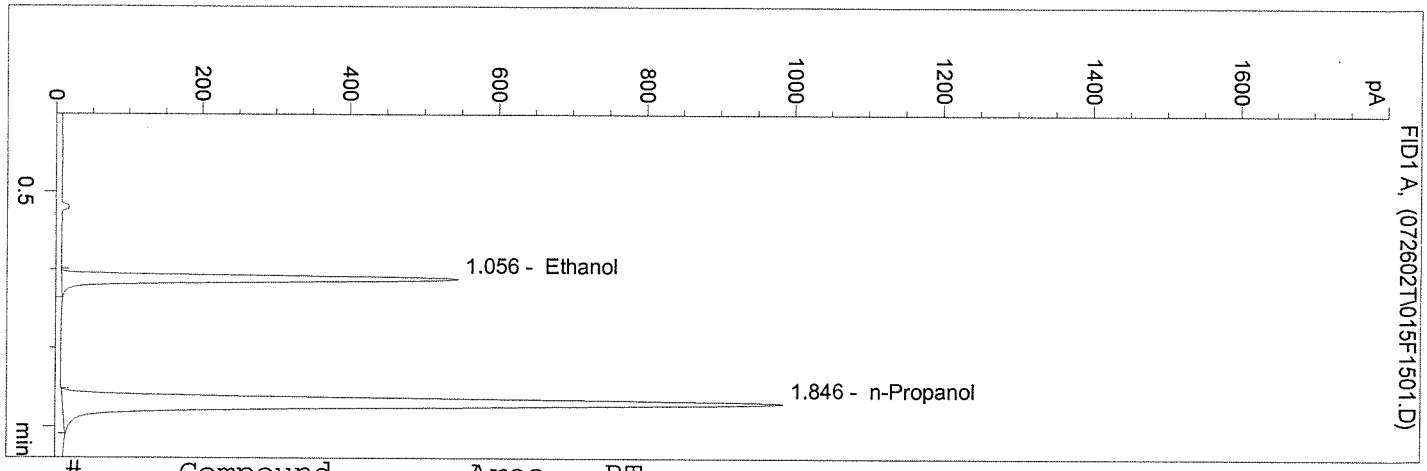
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/26/02 6:34:07 PM
Instrument 2
DB-ALC1

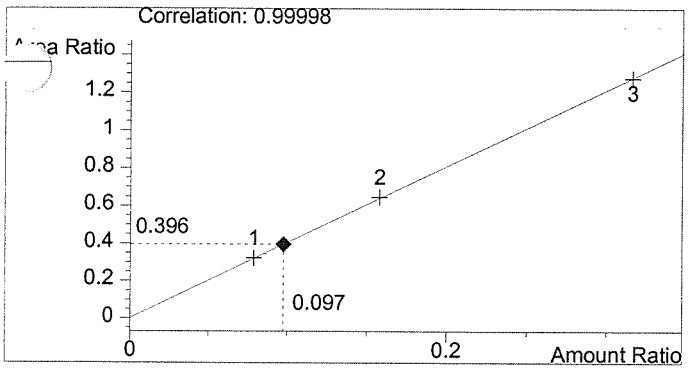
020028-1
Jayne E. Thatcher

vial # 15

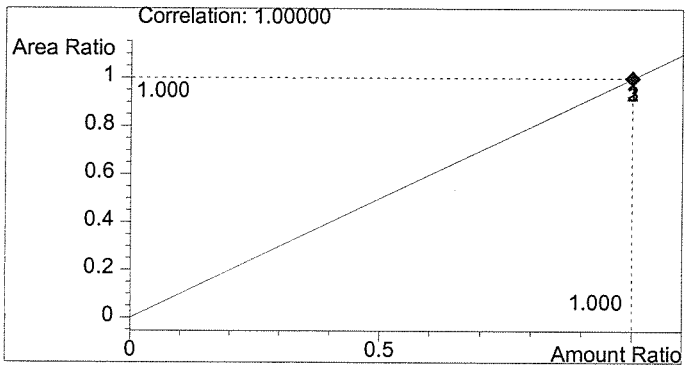


#	Compound	Area	RT
1	Ethanol	1526	1.056
2	n-Propanol	3850	1.846

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

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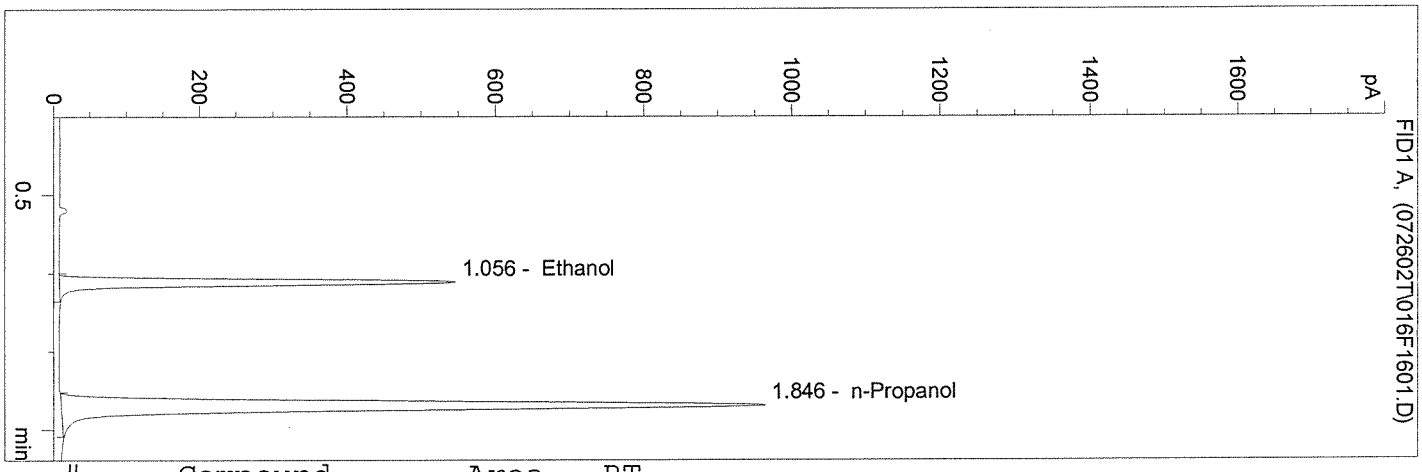
Instrument 2
DB-ALC1

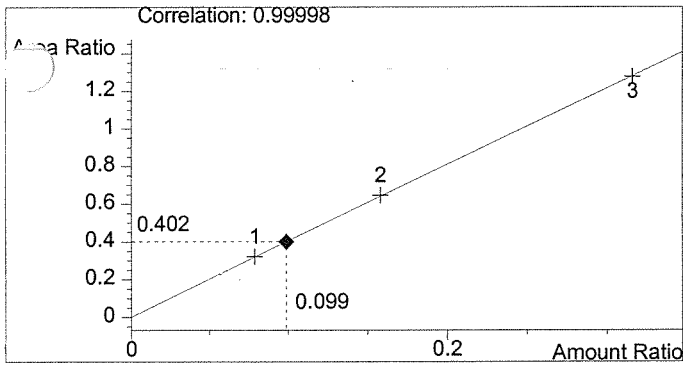
020028-2
Jayne E. Thatcher

vial # 16

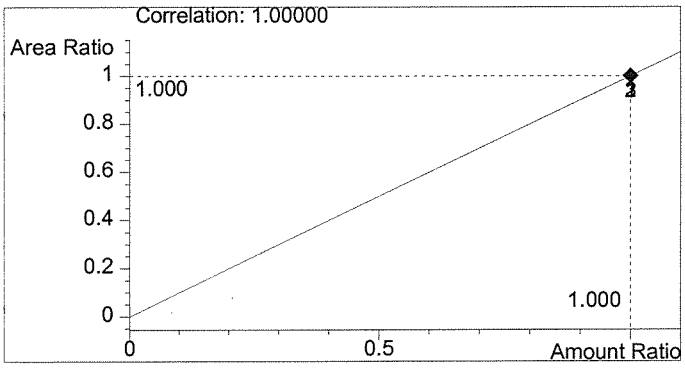


#	Compound	Area	RT
1	Ethanol	1500	1.056
2	n-Propanol	3734	1.846

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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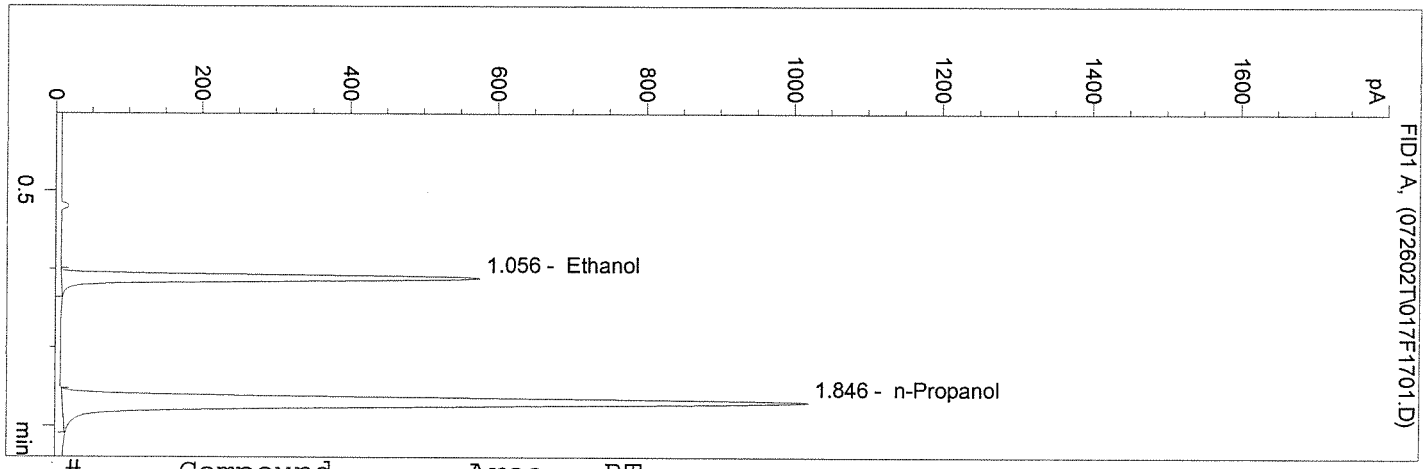
Instrument 2
DB-ALC1

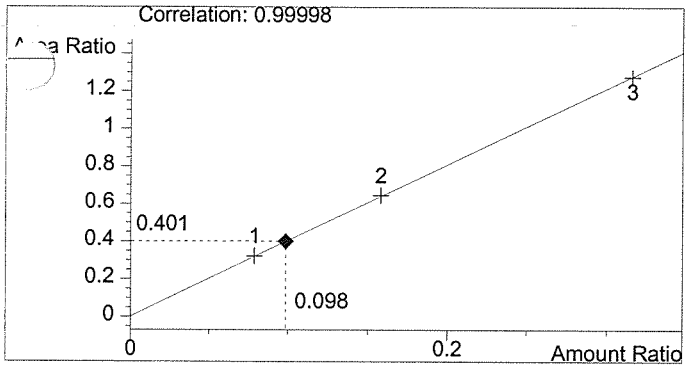
020028-3
Jayne E. Thatcher

vial # 17

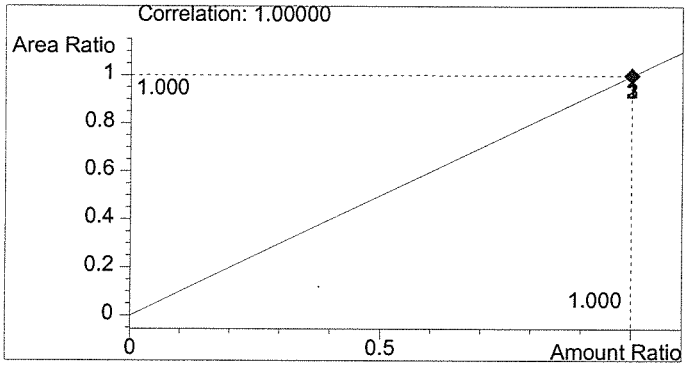


#	Compound	Area	RT
1	Ethanol	1588	1.056
2	n-Propanol	3964	1.846

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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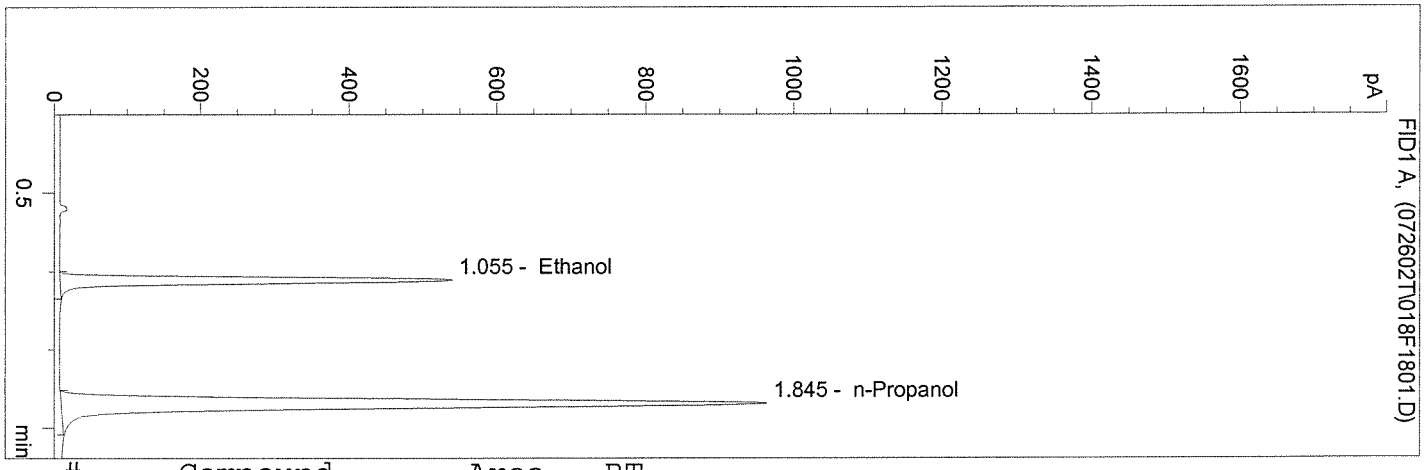
Instrument 2
DB-ALC1

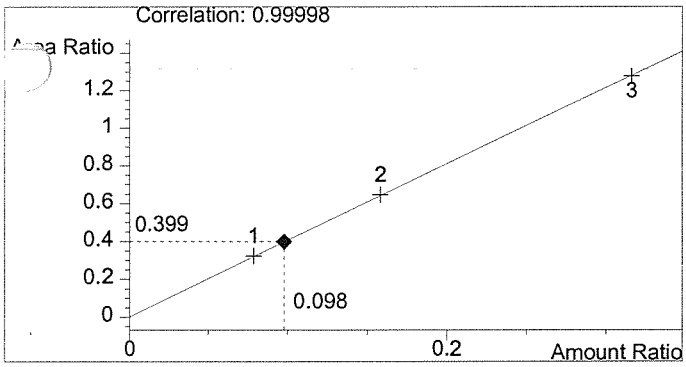
020028-4
Jayne E. Thatcher

vial # 18

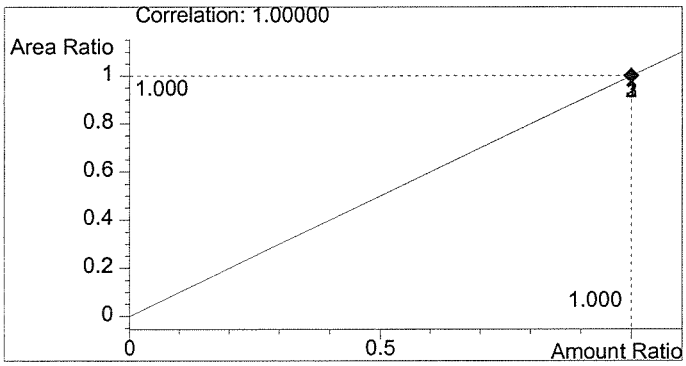


#	Compound	Area	RT
1	Ethanol	1502	1.055
2	n-Propanol	3767	1.845

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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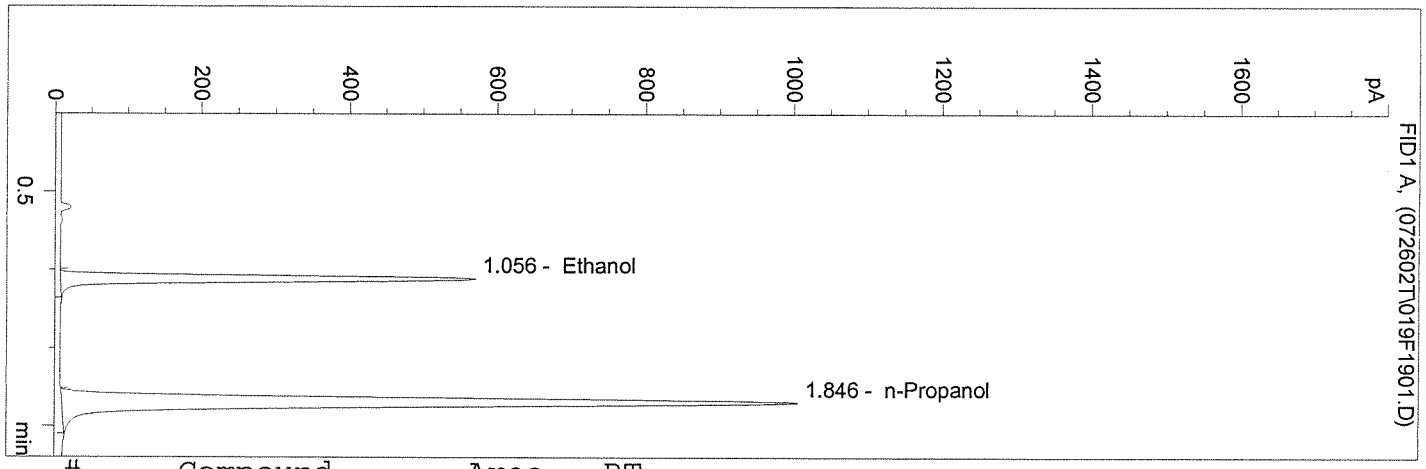
Instrument 2
DB-ALC1

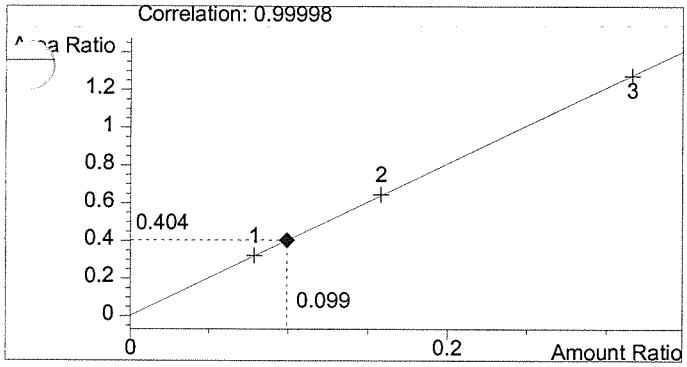
020028-5
Jayne E. Thatcher

vial # 19

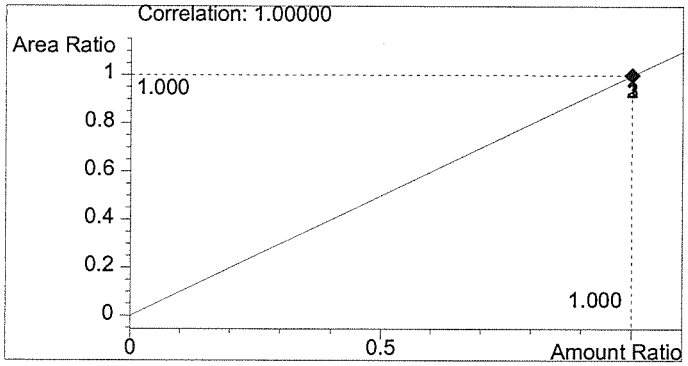


#	Compound	Area	RT
1	Ethanol	1576	1.056
2	n-Propanol	3905	1.846

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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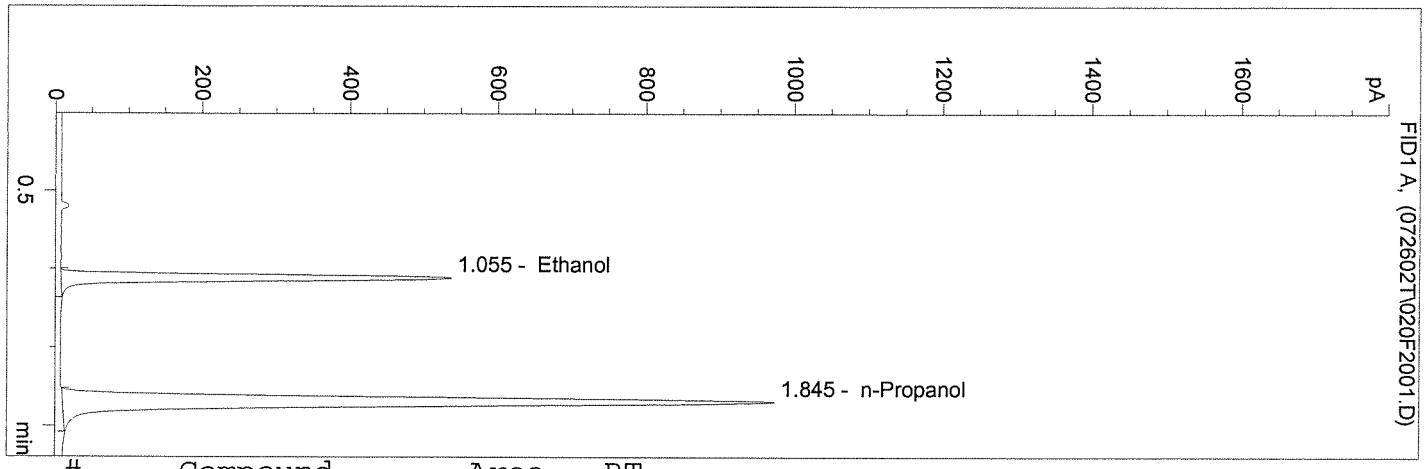
Instrument 2
DB-ALC1

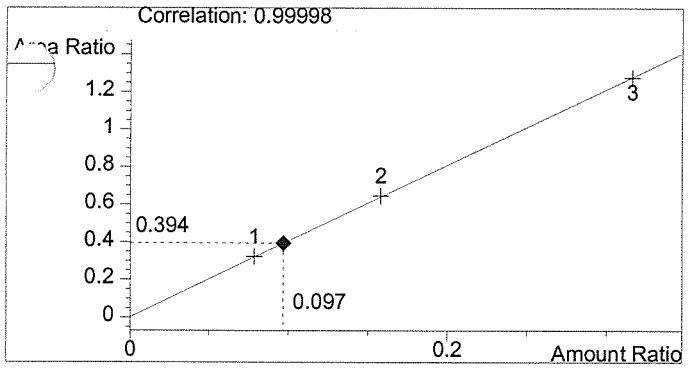
0.10 CONTROL
Jayne E. Thatcher

vial # 20

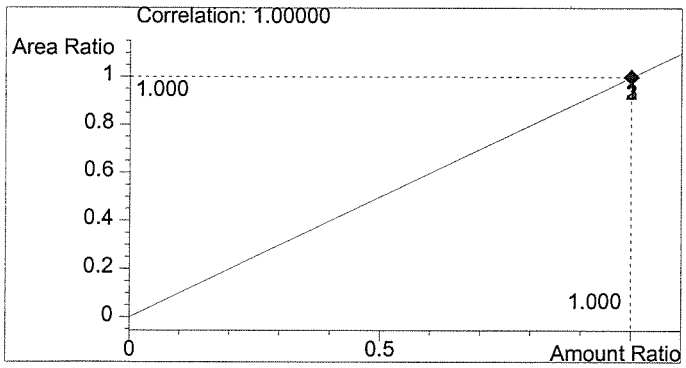


#	Compound	Area	RT
1	Ethanol	1494	1.055
2	n-Propanol	3787	1.845

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 2
DB-ALC1

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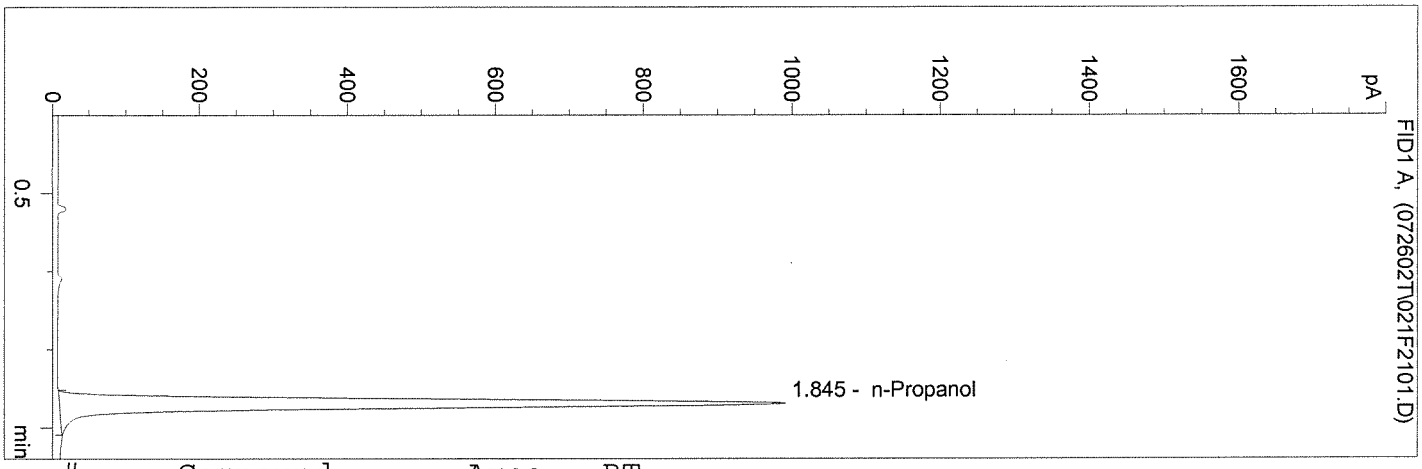
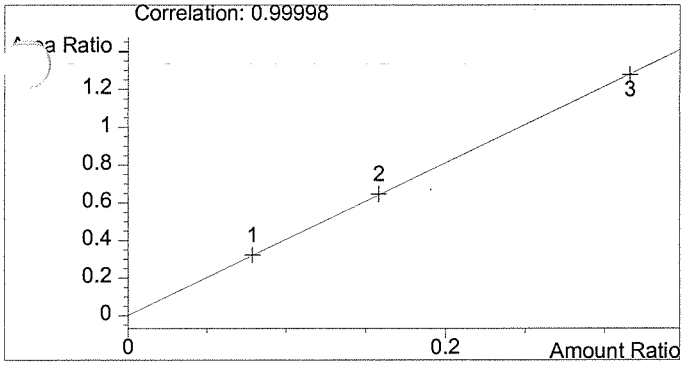
Jayne E. Thatcher

vial # 21

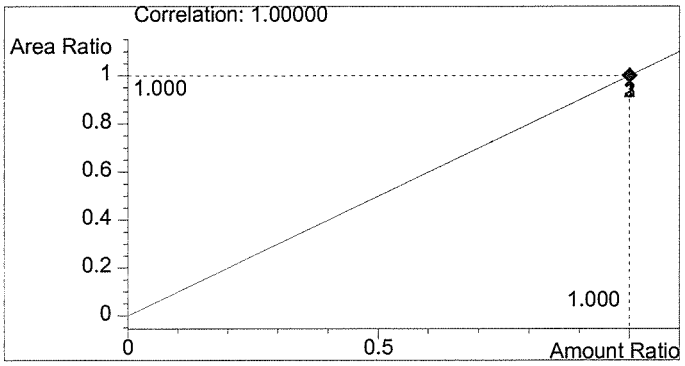


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3850	1.845

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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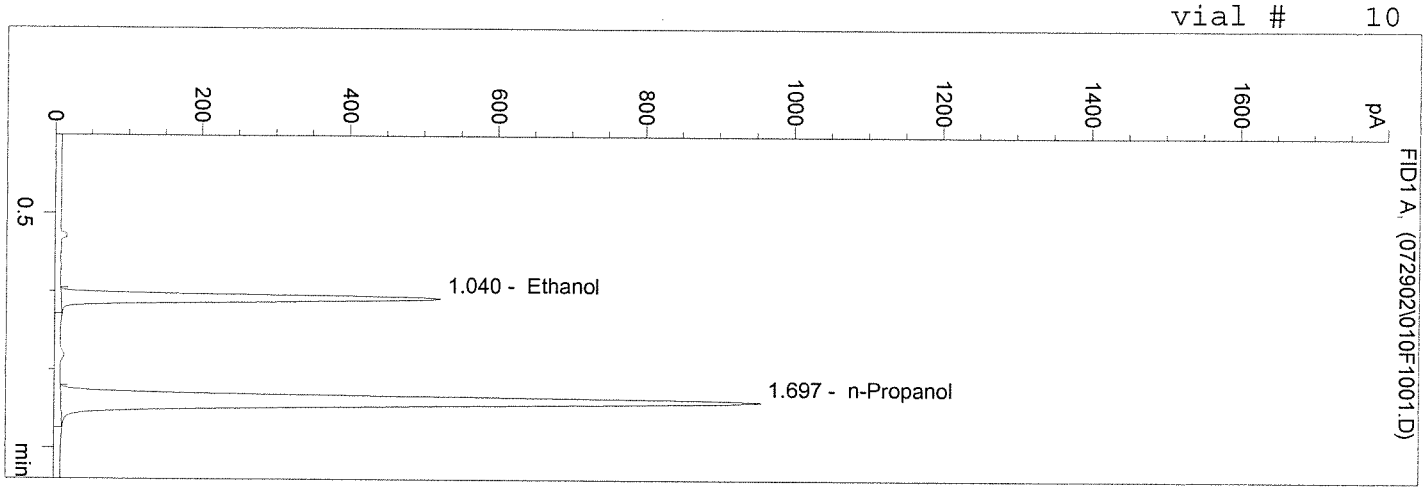
Instrument 1
DB-ALC1

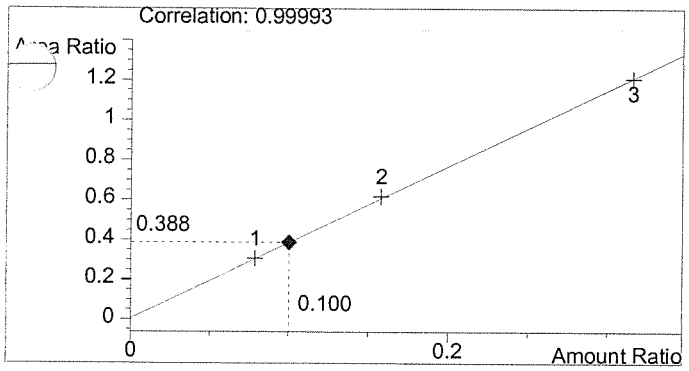
02028 SIM SOL
RUTH LUTHI

vial # 10

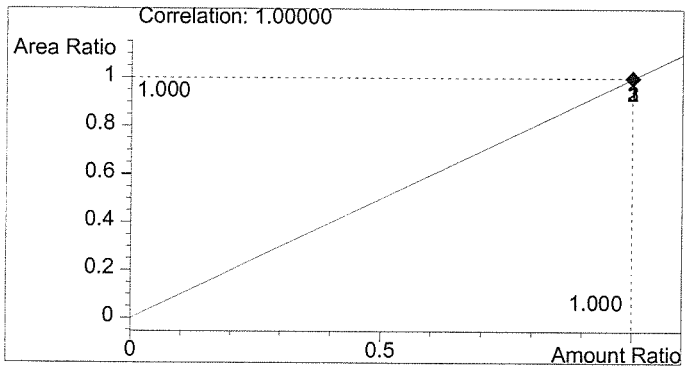


#	Compound	Area	RT
1	Ethanol	1547	1.040
2	n-Propanol	3982	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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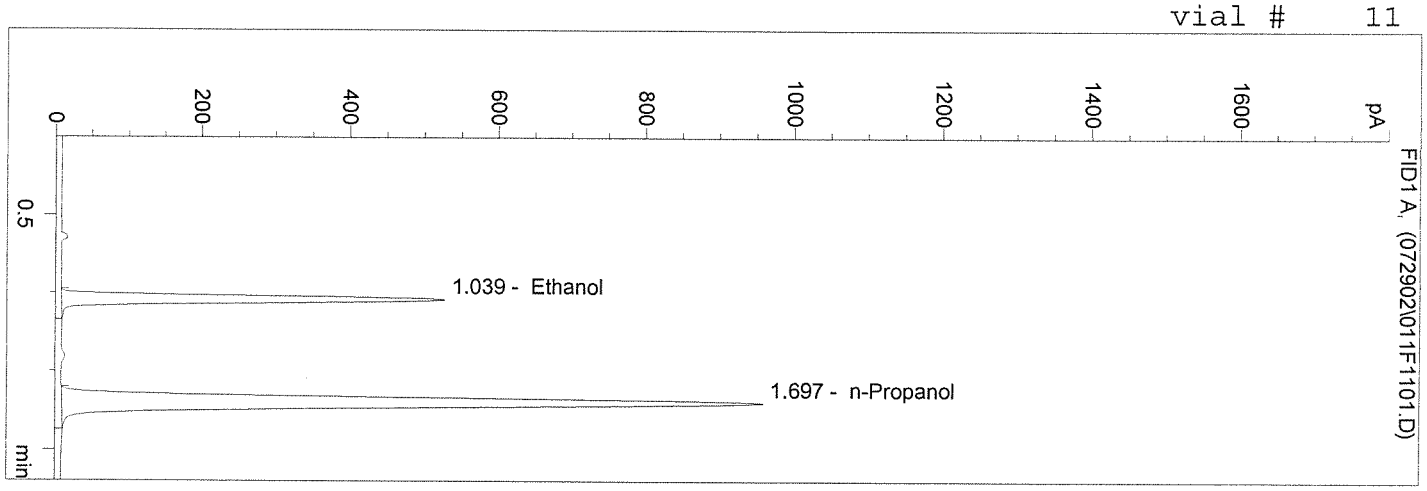
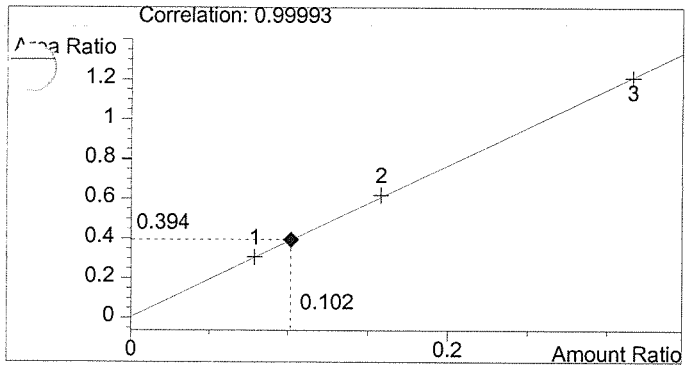
Instrument 1
DB-ALC1

02028 SIM SOL
RUTH LUTHI

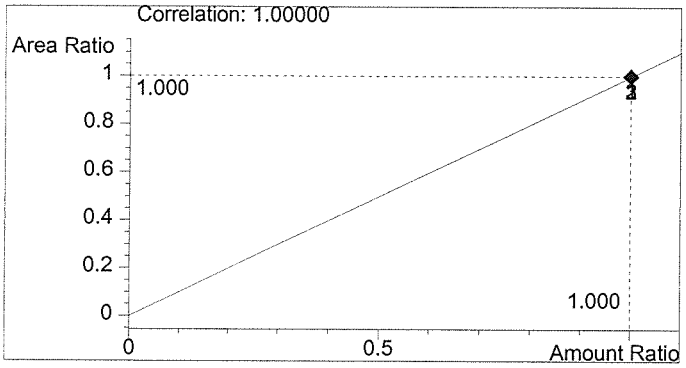
vial # 11



#	Compound	Area	RT
1	Ethanol	1576	1.039
2	n-Propanol	3998	1.697
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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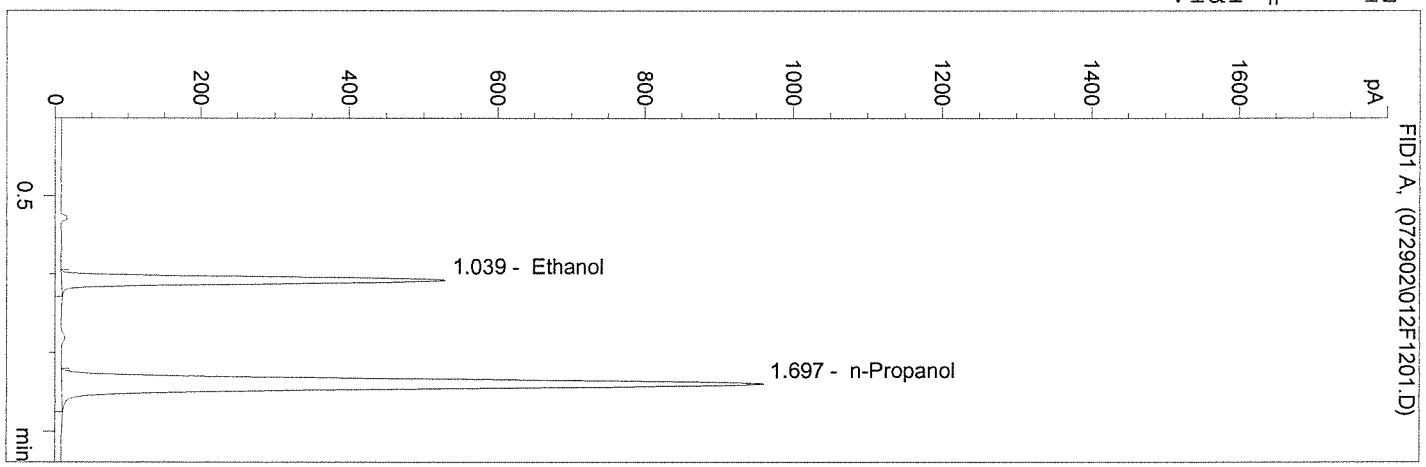
Instrument 1
DB-ALC1

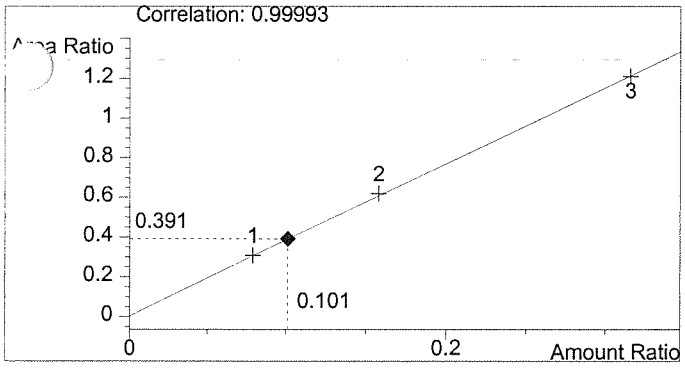
02028 SIM SOL
RUTH LUTHI

vial # 12

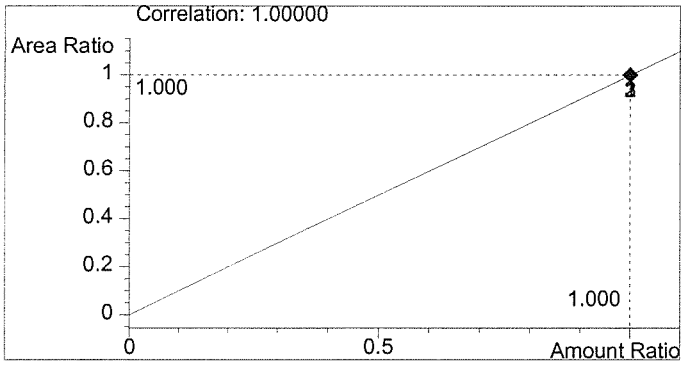


#	Compound	Area	RT
1	Ethanol	1563	1.039
2	n-Propanol	3993	1.697

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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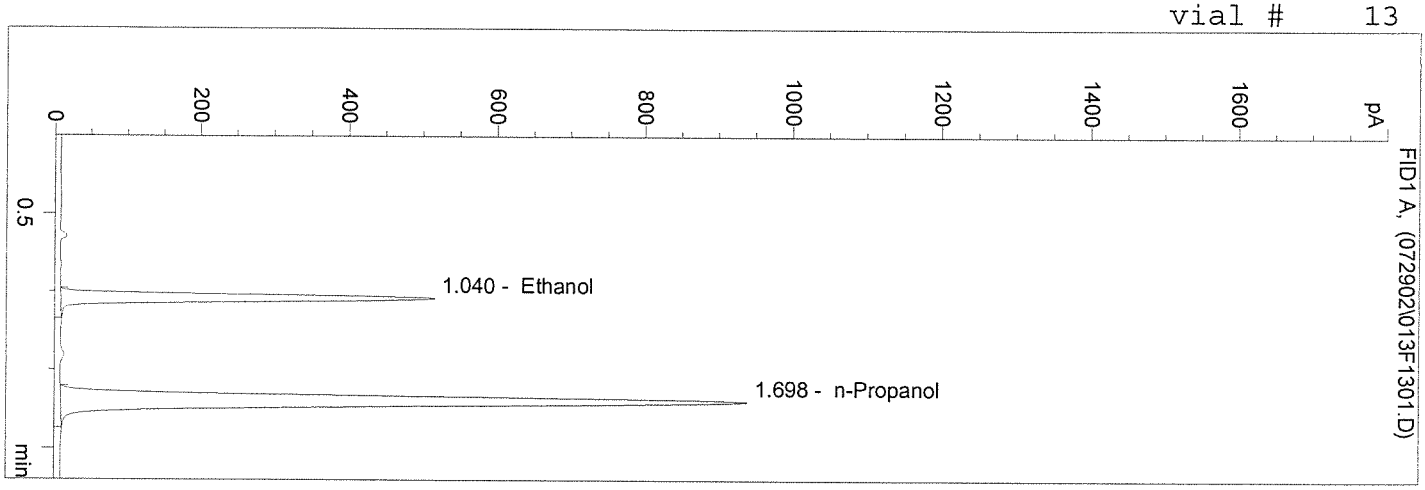
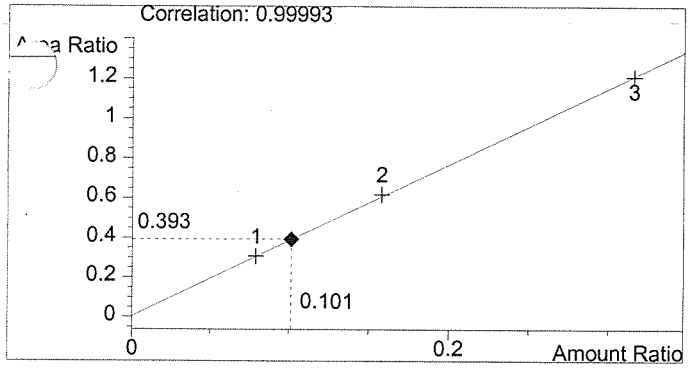
Instrument 1
DB-ALC1

02028 SIM SOL
RUTH LUTHI

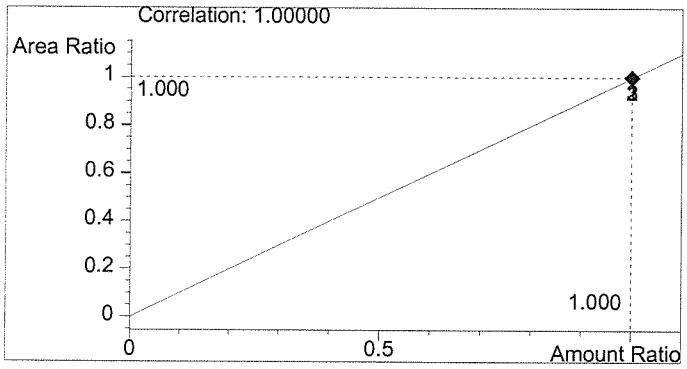
vial # 13



#	Compound	Area	RT
1	Ethanol	1539	1.040
2	n-Propanol	3921	1.698
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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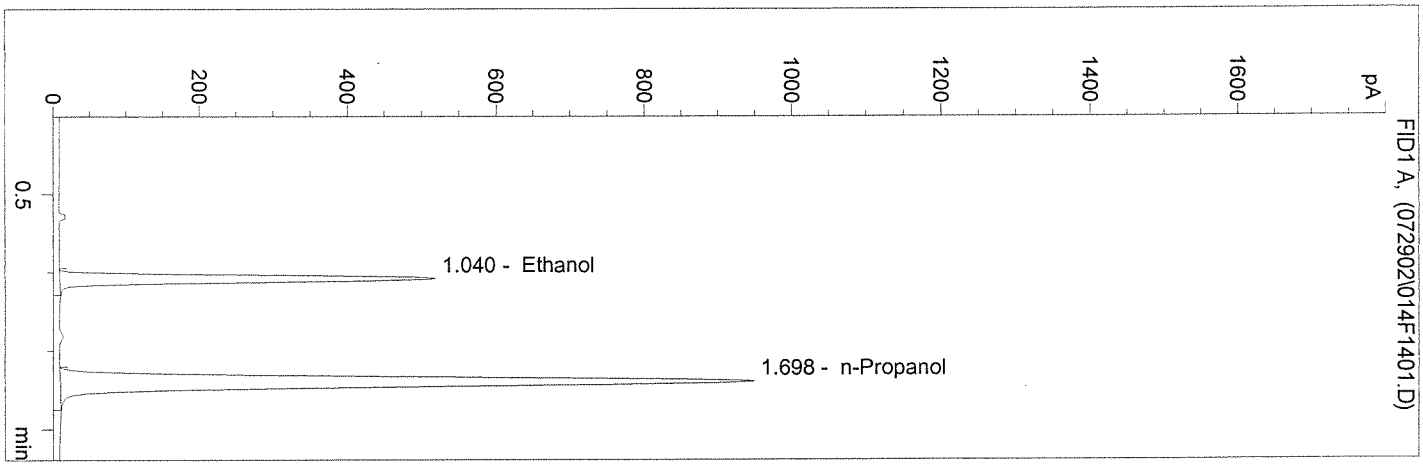
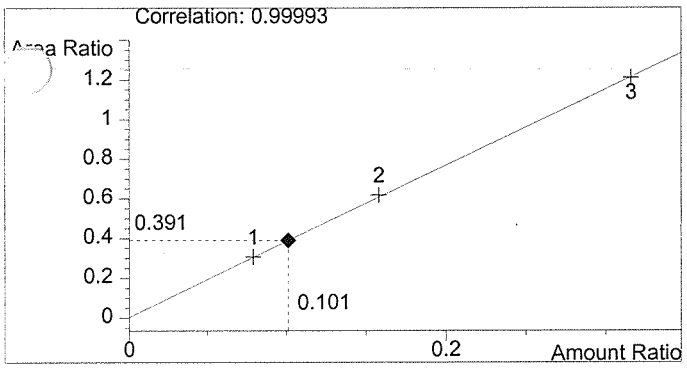
Instrument 1
DB-ALC1

02028 SIM SOL
RUTH LUTHI

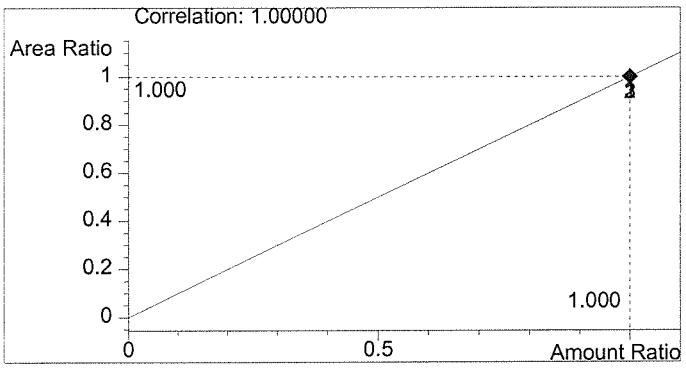
vial # 14



#	Compound	Area	RT
1	Ethanol	1550	1.040
2	n-Propanol	3959	1.698
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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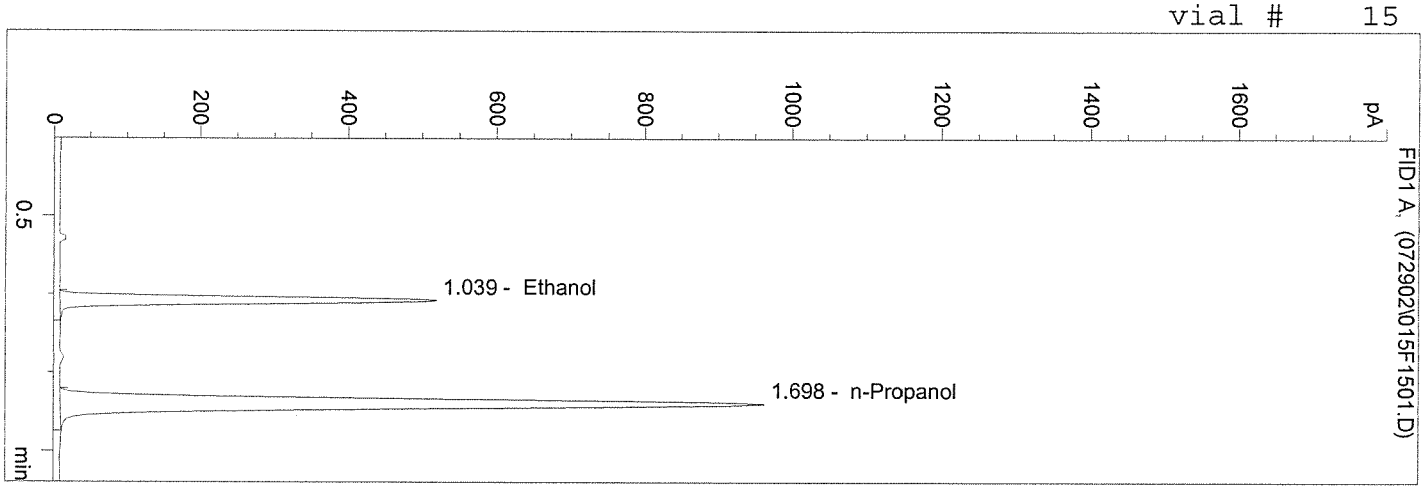
DB-ALC1

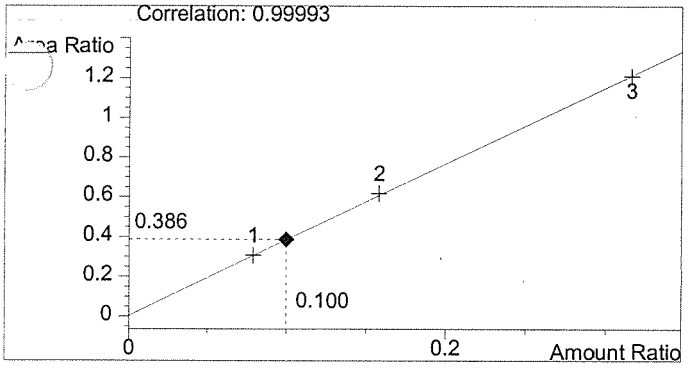
0.100 CTRL
RUTH LUTHI

vial # 15

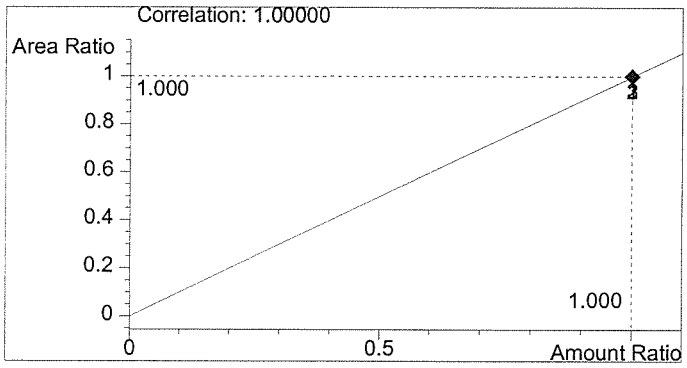


#	Compound	Area	RT
1	Ethanol	1551	1.039
2	n-Propanol	4014	1.698

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
DB-ALC1

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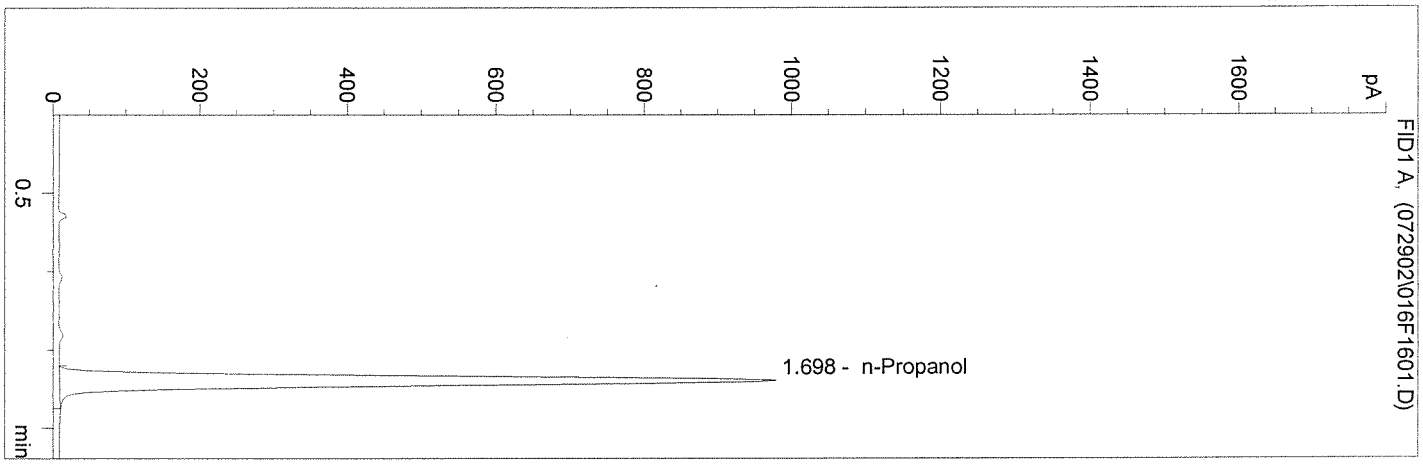
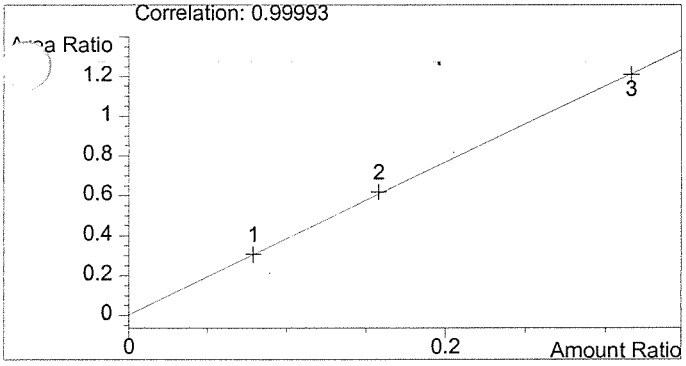
RUTH LUTHI

vial # 16

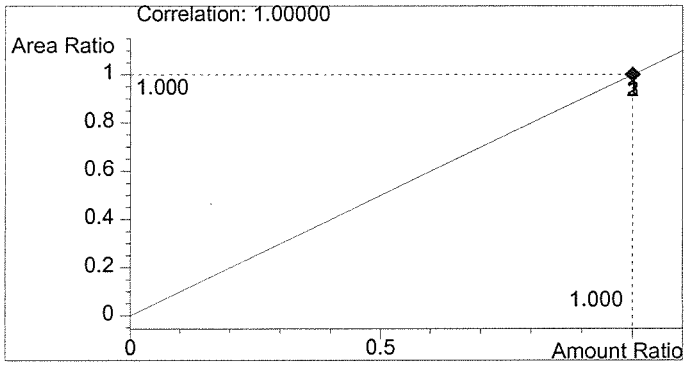


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4068	1.698

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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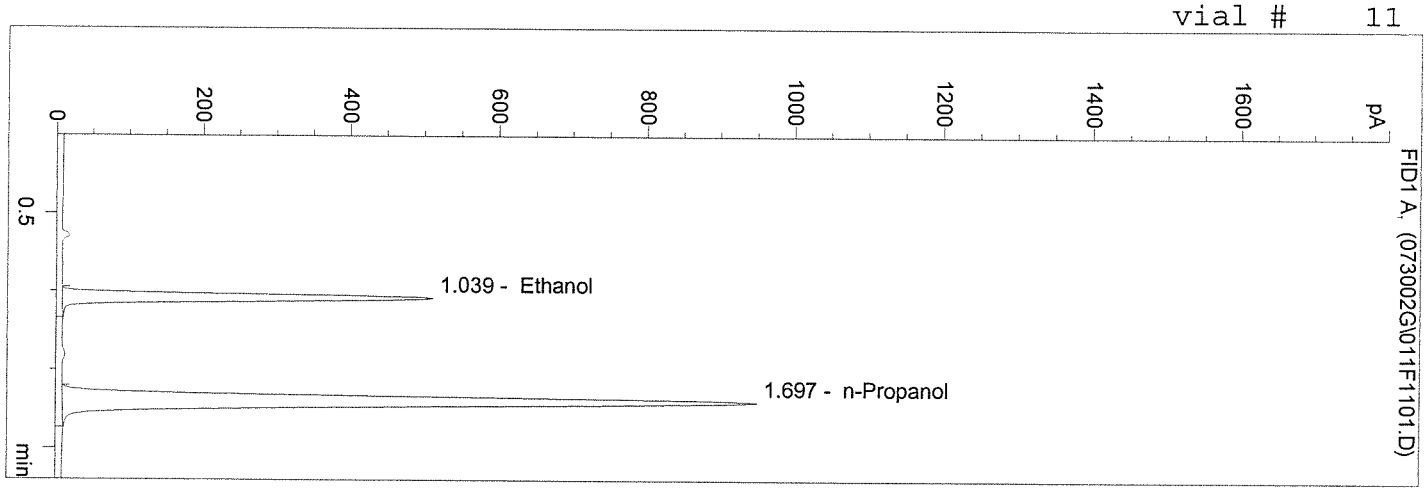
Instrument 1
DB-ALC1

Cal 024433

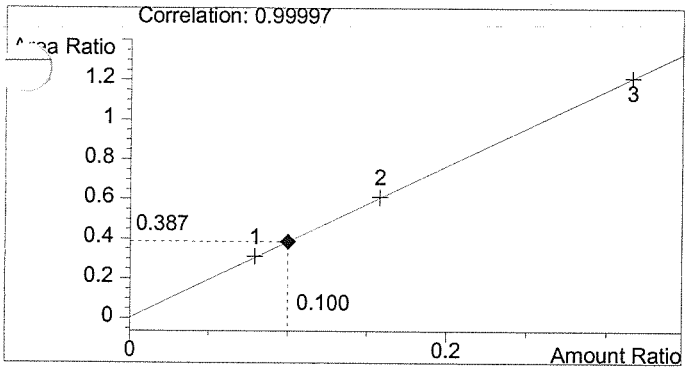
02028 0.08SIMSOL
GENE SCHWILKE

vial # 11

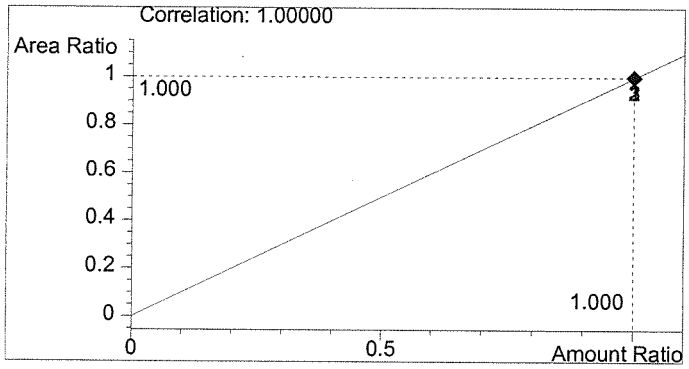


#	Compound	Area	RT
1	Ethanol	1527	1.039
2	n-Propanol	3948	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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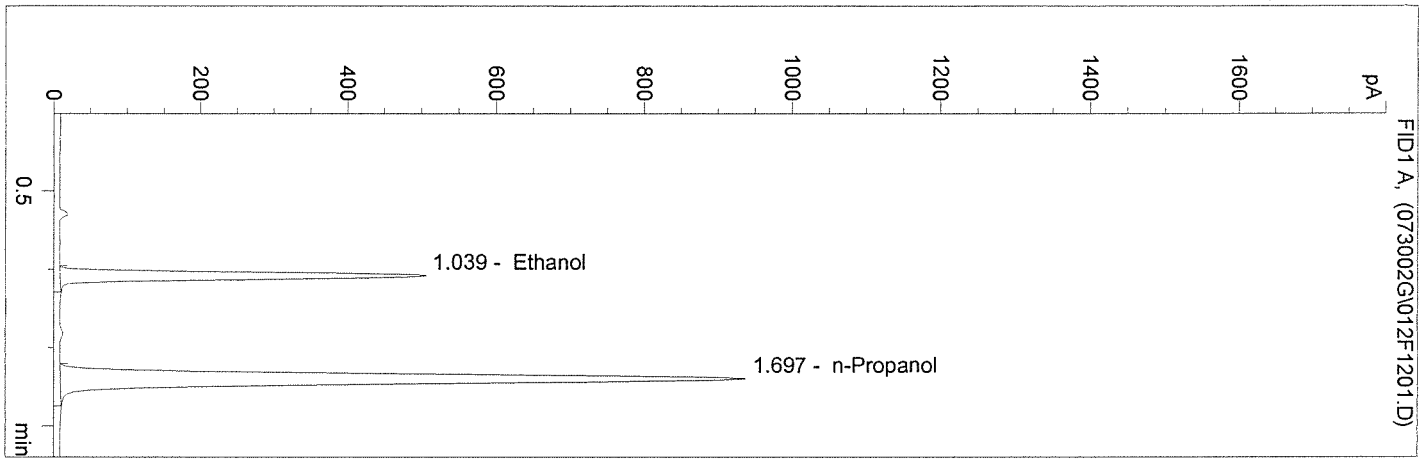
7/30/02 11:04:18 AM
Instrument 1
DB-ALC1

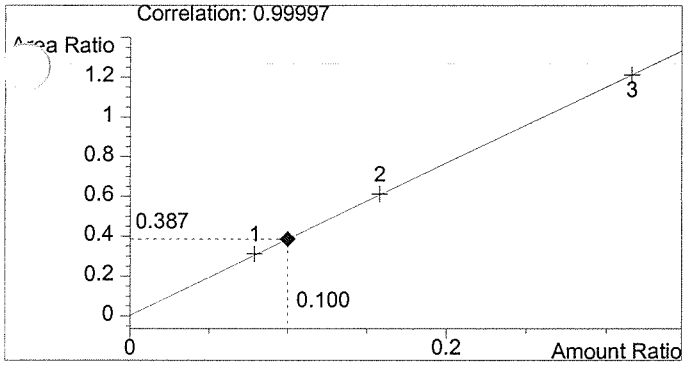
02028 0.08SIMSOL
GENE SCHWILKE

vial # 12

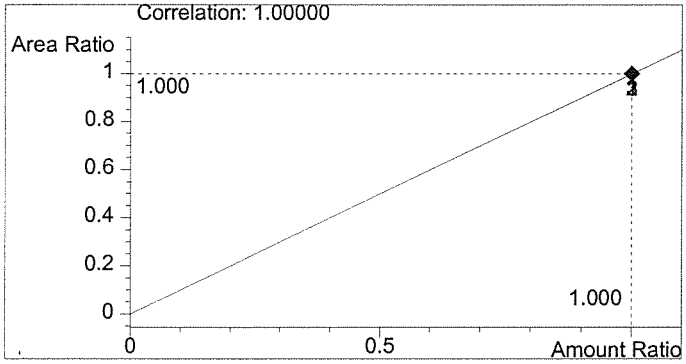


#	Compound	Area	RT
1	Ethanol	1514	1.039
2	n-Propanol	3914	1.697

Totals:



Ethanol 0.100 g/100ml



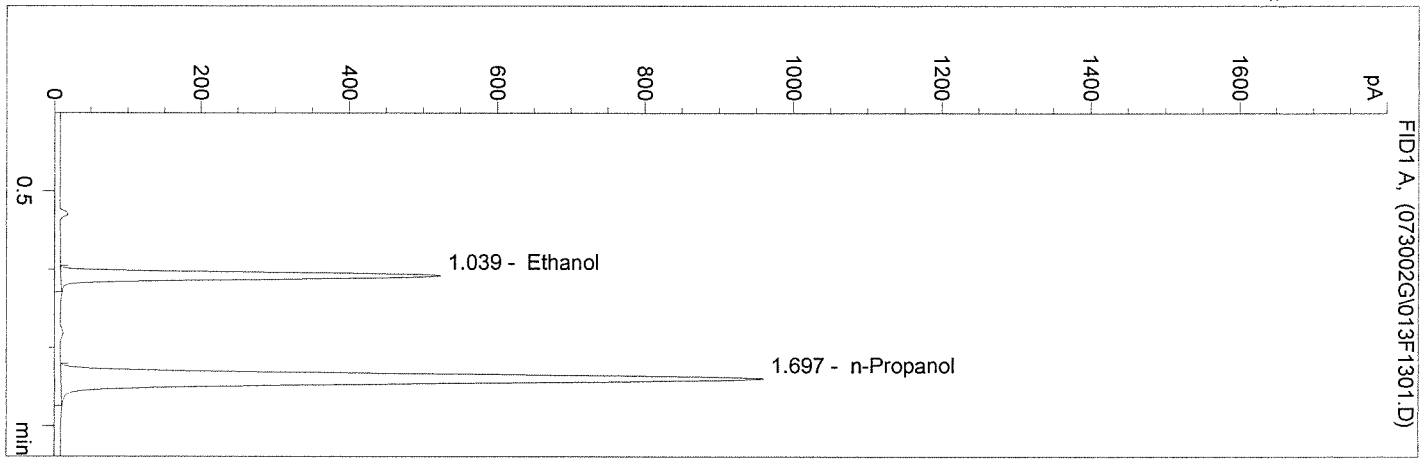
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
7/30/02 11:07:41 AM
Instrument 1
DB-ALC1

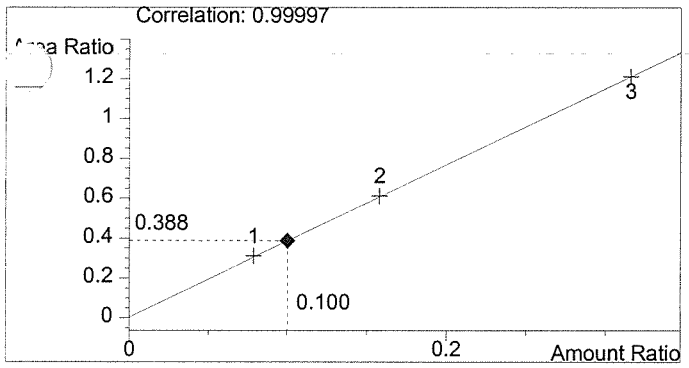
02028 0.08SIMSOL
GENE SCHWILKE

vial # 13

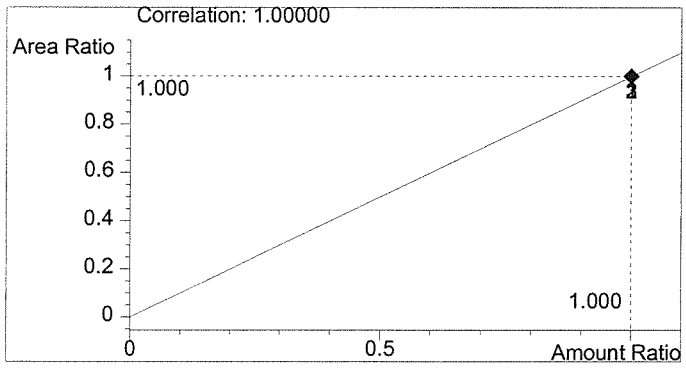


#	Compound	Area	RT
1	Ethanol	1553	1.039
2	n-Propanol	4001	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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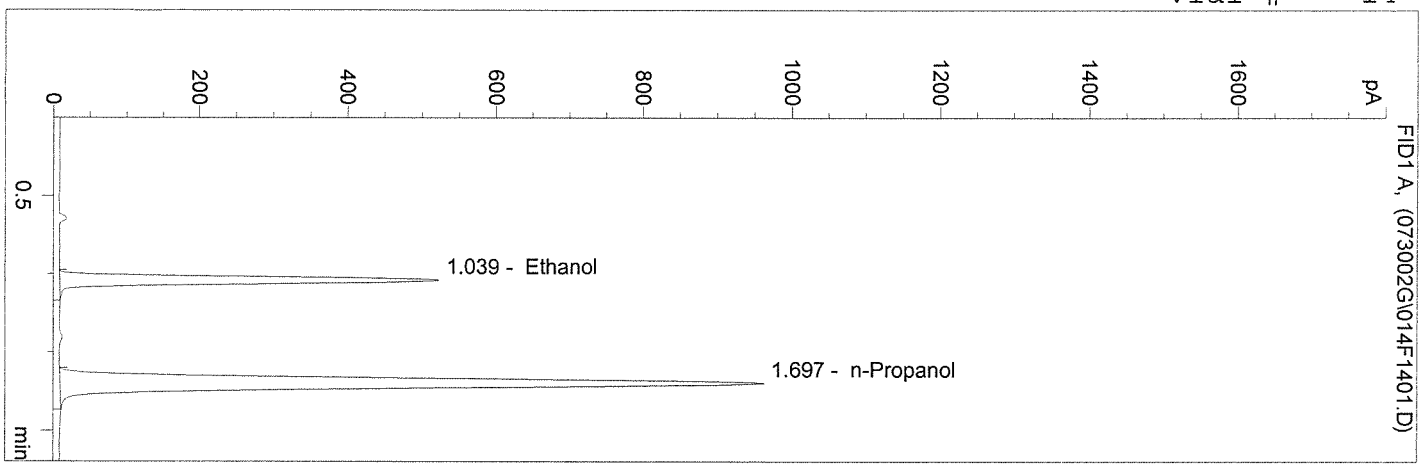
7/30/02 11:10:22 AM
Instrument 1
DB-ALC1

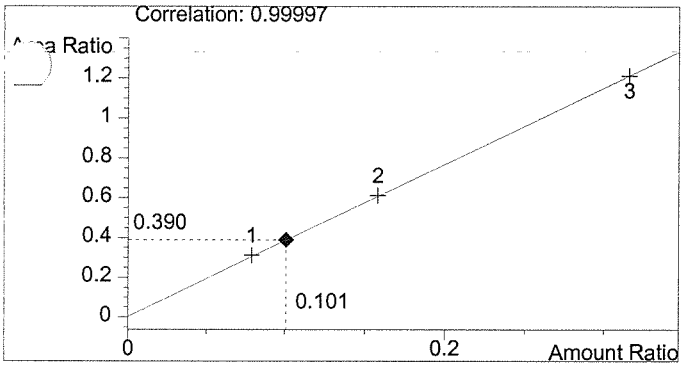
02028 0.08SIMSOL
GENE SCHWILKE

vial # 14

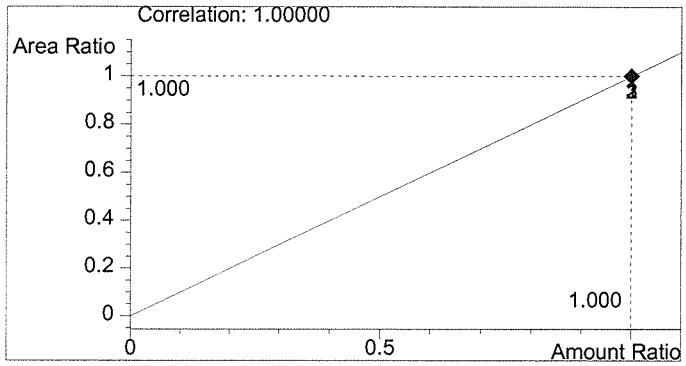


#	Compound	Area	RT
1	Ethanol	1563	1.039
2	n-Propanol	4005	1.697

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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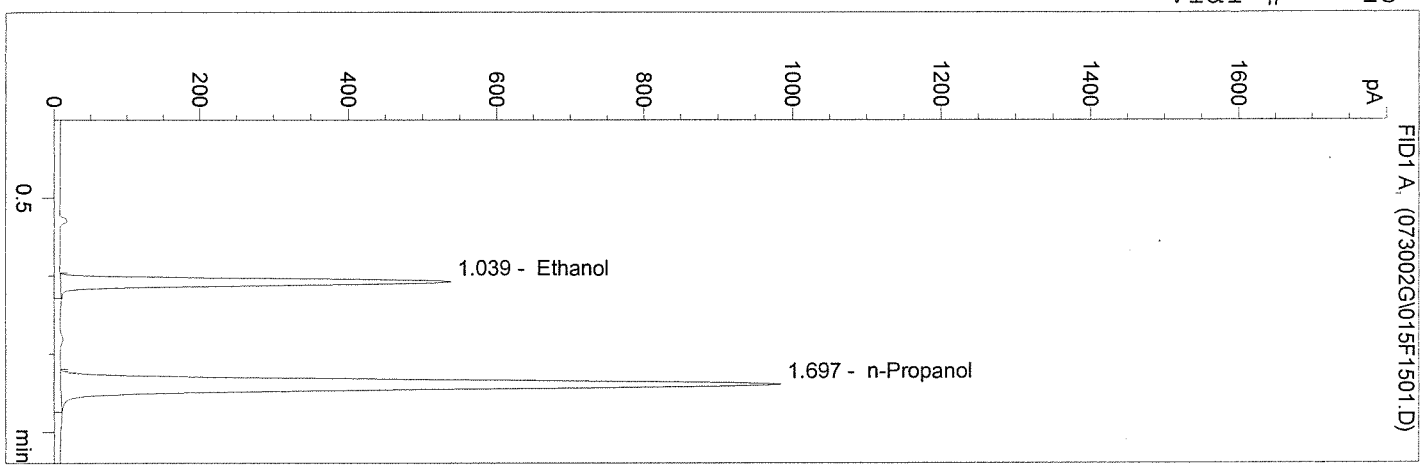
7/30/02 11:13:06 AM
Instrument 1
DB-ALC1

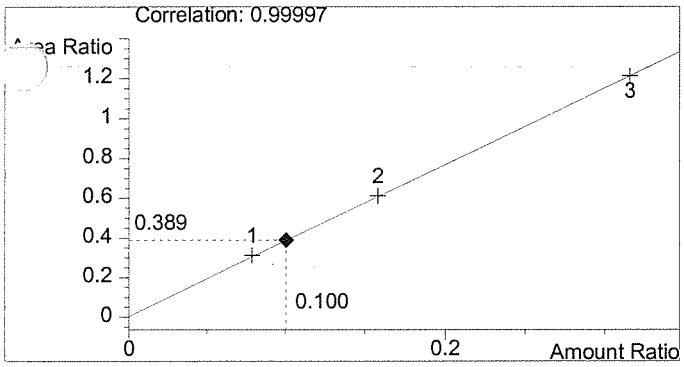
02028 0.08SIMSOL
GENE SCHWILKE

vial # 15

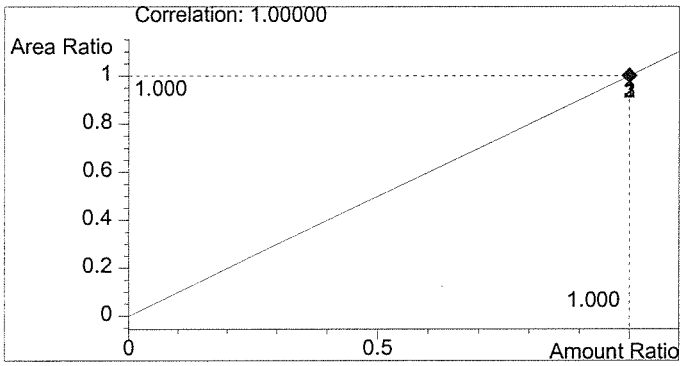


#	Compound	Area	RT
1	Ethanol	1588	1.039
2	n-Propanol	4083	1.697

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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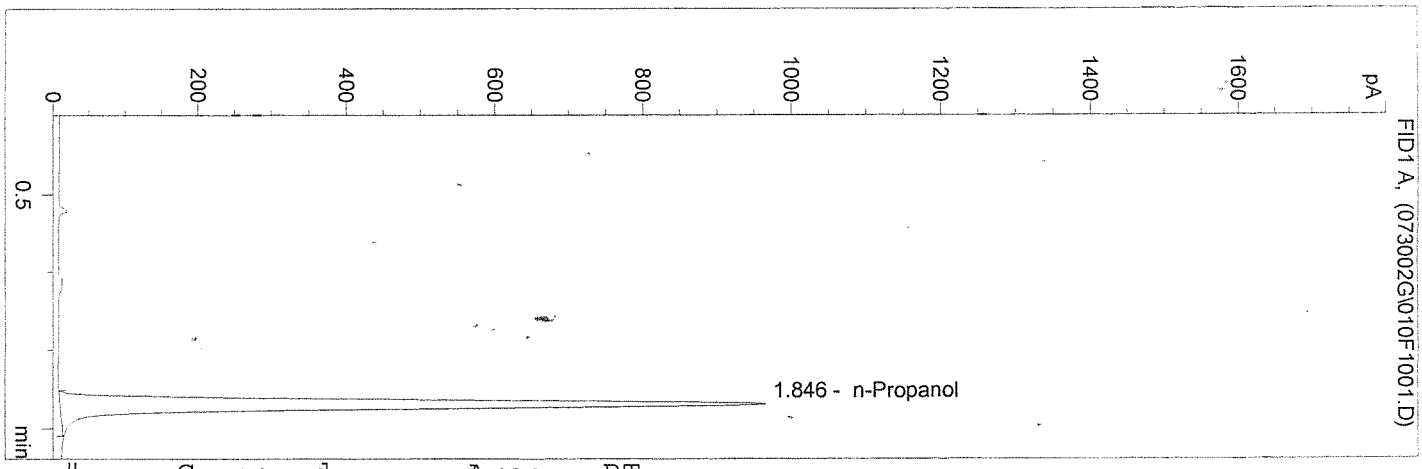
7/30/02 11:01:08 AM
Instrument 2
DB-ALC1

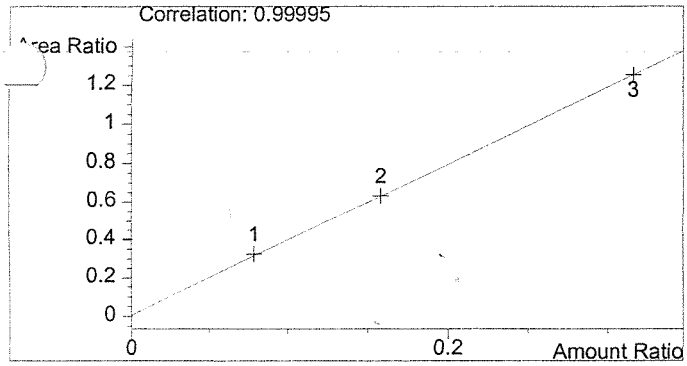
BLANK
GENE SCHWILKE

vial # 10

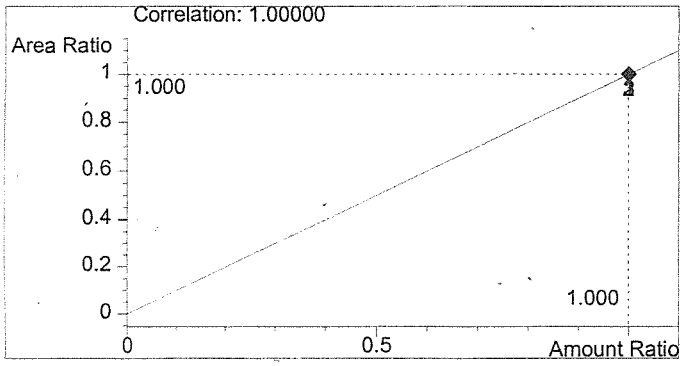


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3771	1.846

Totals:



Ethanol 0.000 g/100ml



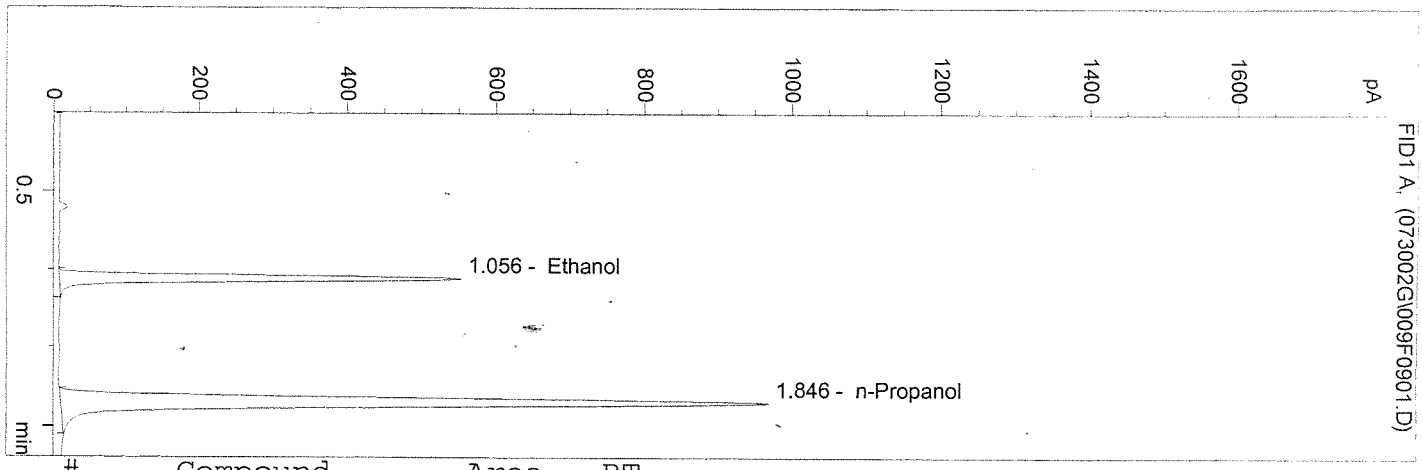
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
7/30/02 10:58:07 AM
Instrument 2
DB-ALC1

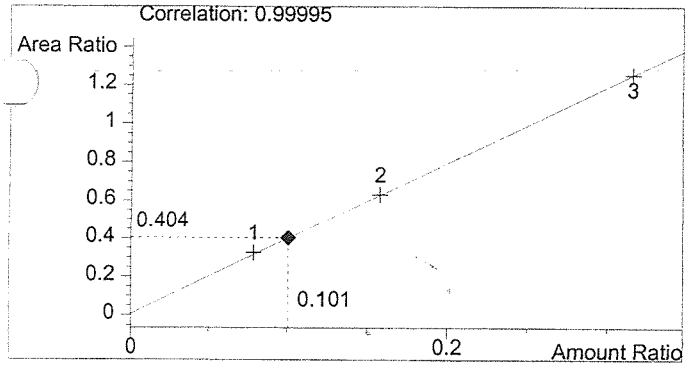
CAP 0.100
GENE SCHWILKE

vial # 9

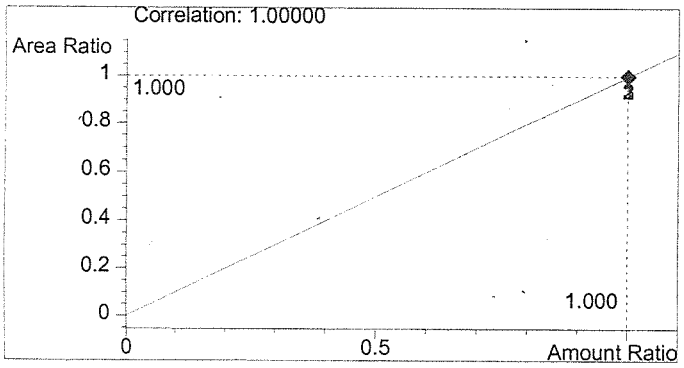


#	Compound	Area	RT
1	Ethanol	1525	1.056
2	n-Propanol	3772	1.846

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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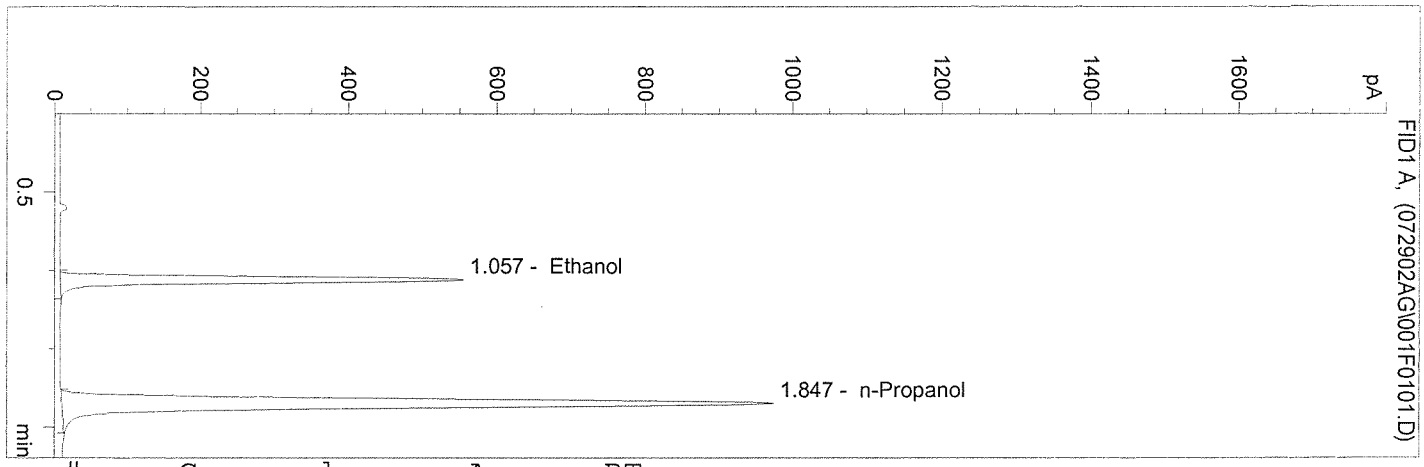
7/29/02 1:51:38 PM
Instrument 2
DB-ALC1

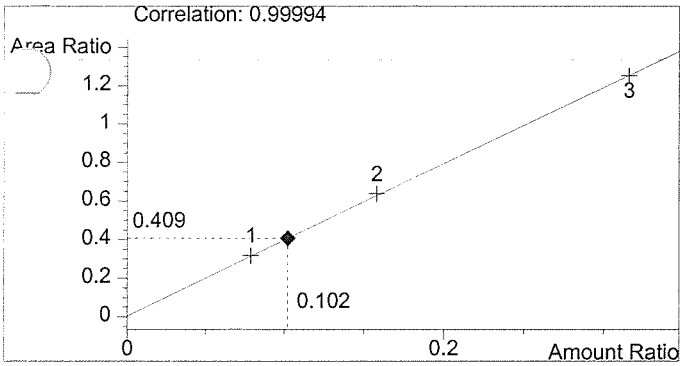
SIM SOL 02028-1
ANN MARIE GORDON

vial # 1

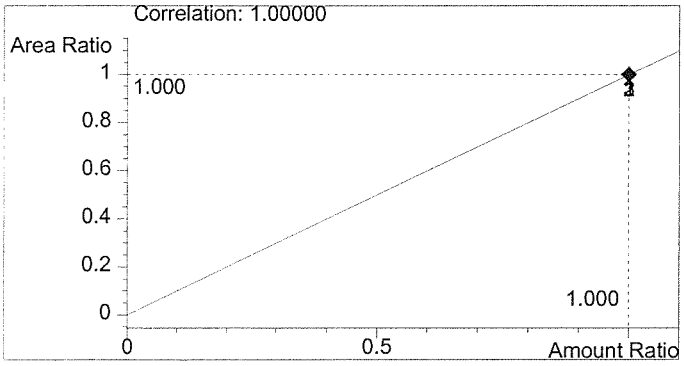


#	Compound	Area	RT
1	Ethanol	1545	1.057
2	n-Propanol	3781	1.847

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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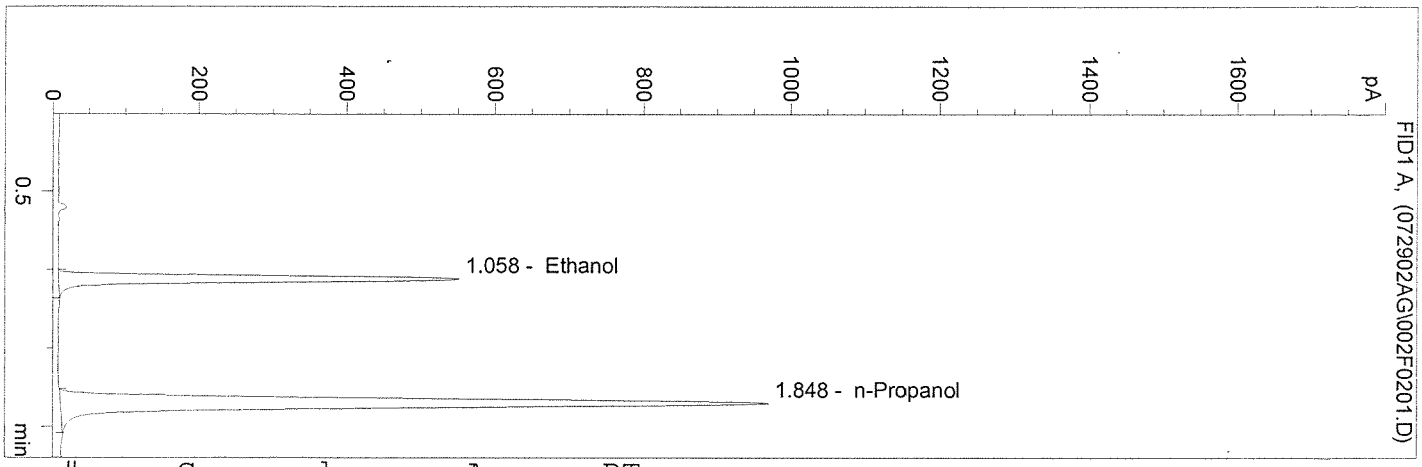
7/29/02 1:54:40 PM
Instrument 2
DB-ALC1

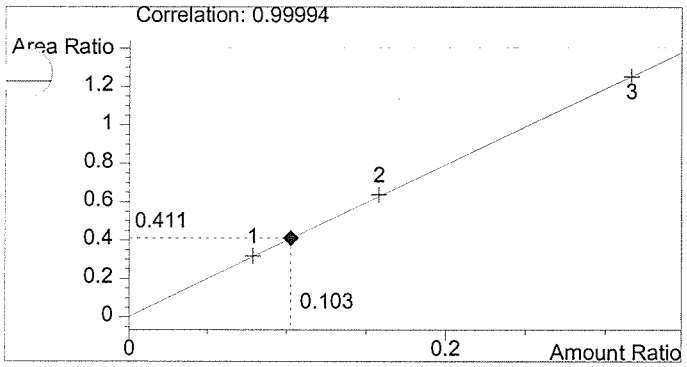
SIM SOL 02028-2
ANN MARIE GORDON

vial # 2

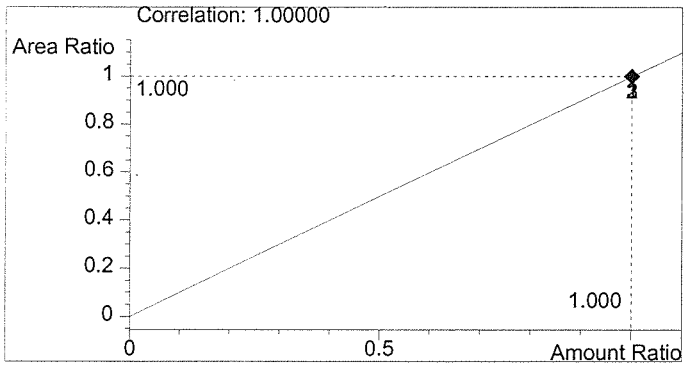


#	Compound	Area	RT
1	Ethanol	1548	1.058
2	n-Propanol	3768	1.848

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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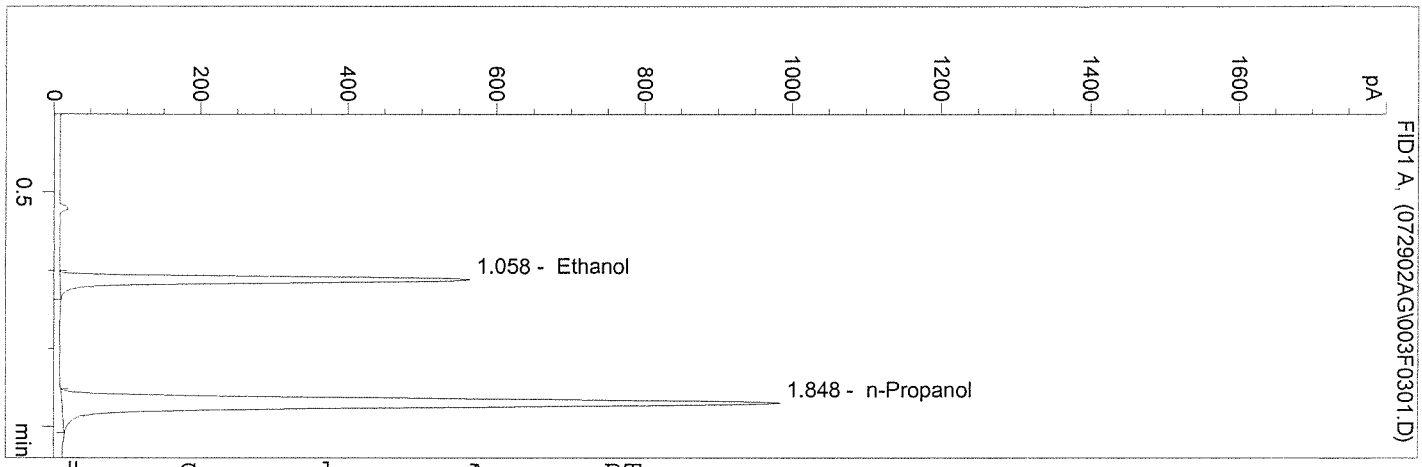
7/29/02 1:57:42 PM
Instrument 2
DB-ALC1

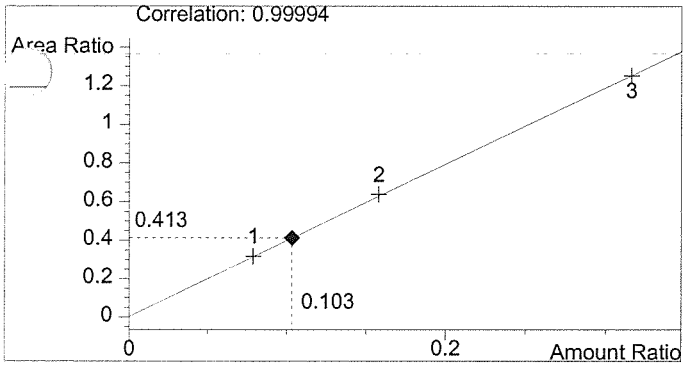
SIM SOL 02028-3
ANN MARIE GORDON

vial # 3

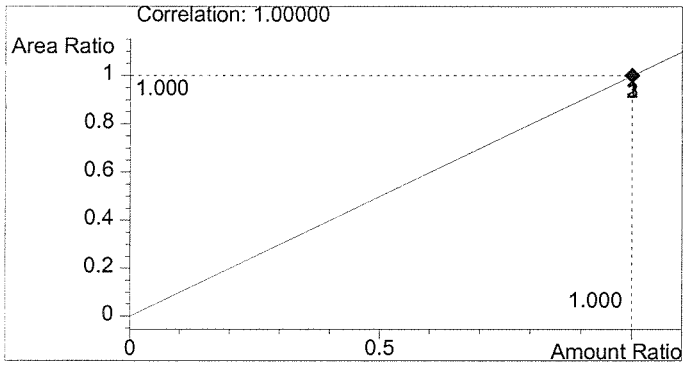


#	Compound	Area	RT
1	Ethanol	1579	1.058
2	n-Propanol	3823	1.848

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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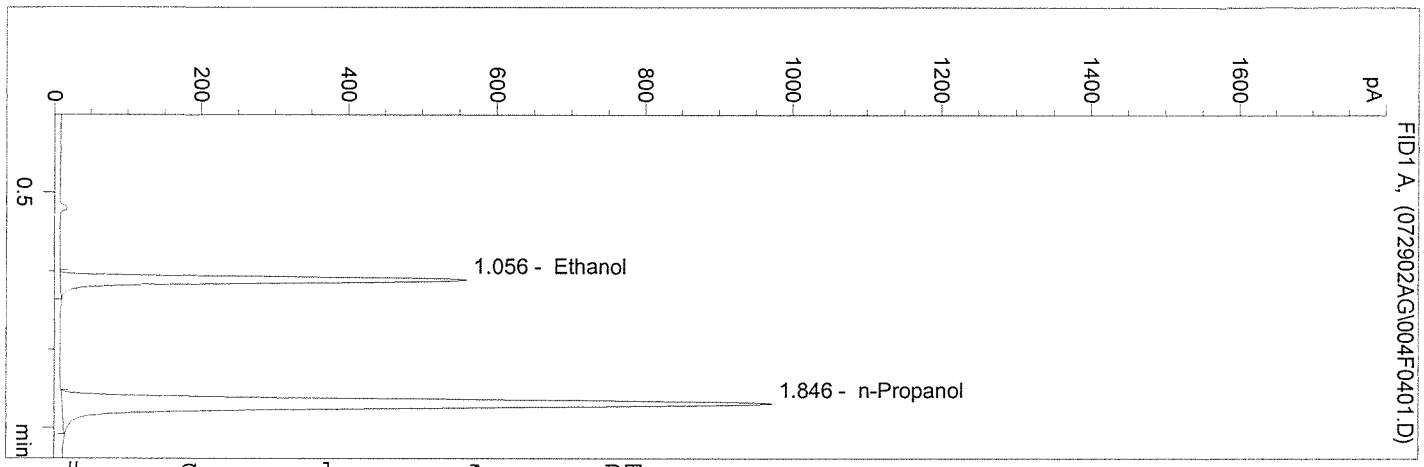
7/29/02 2:00:43 PM
Instrument 2
DB-ALC1

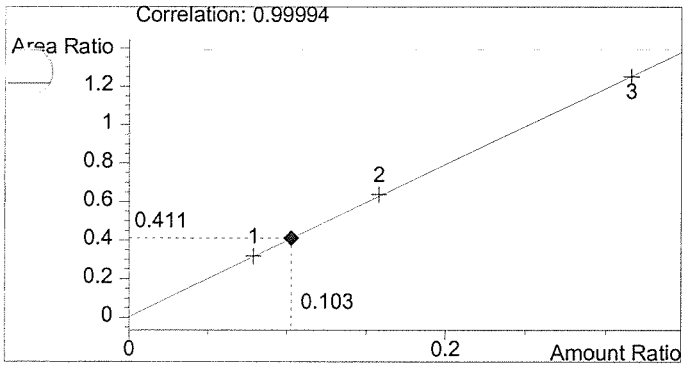
SIM SOL 02028-4
ANN MARIE GORDON

vial # 4

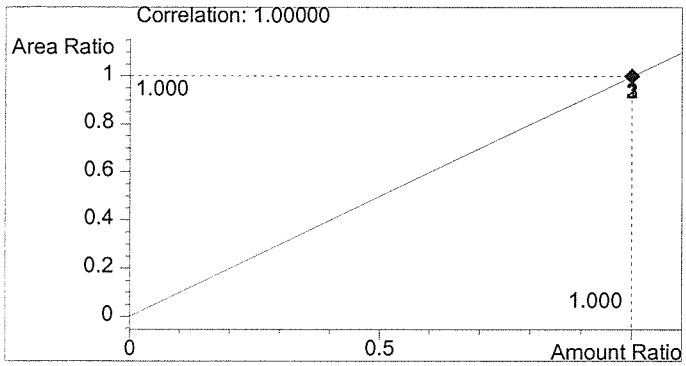


#	Compound	Area	RT
1	Ethanol	1555	1.056
2	n-Propanol	3786	1.846

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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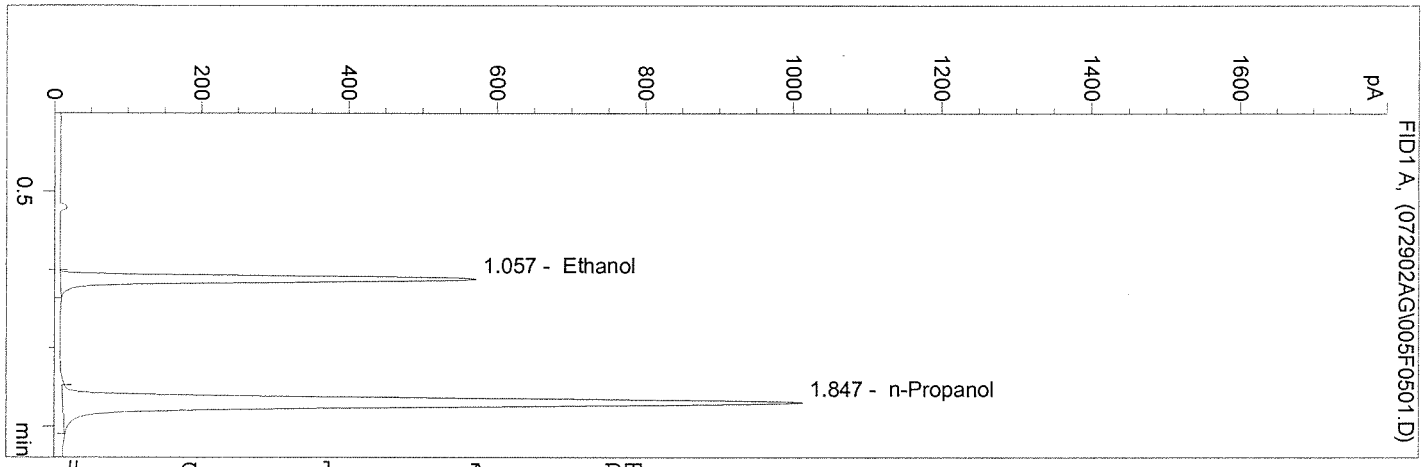
7/29/02 2:04:20 PM
Instrument 2
DB-ALC1

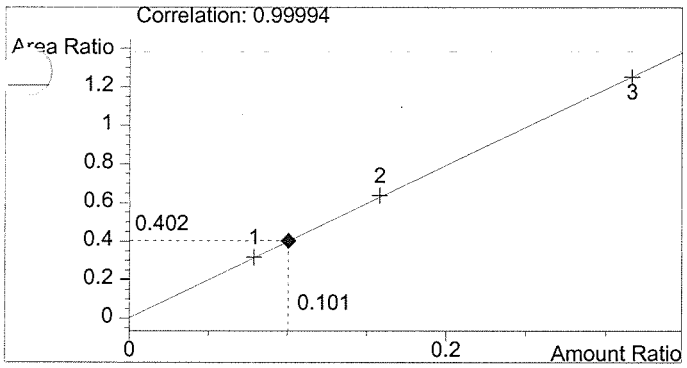
SIM SOL 02028+5
ANN MARIE GORDON

vial # 5

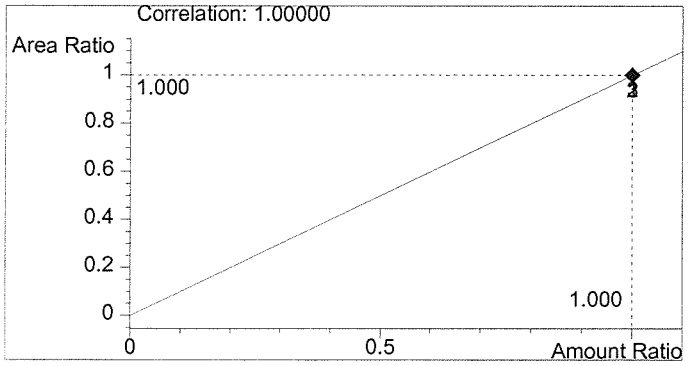


#	Compound	Area	RT
1	Ethanol	1603	1.057
2	n-Propanol	3985	1.847

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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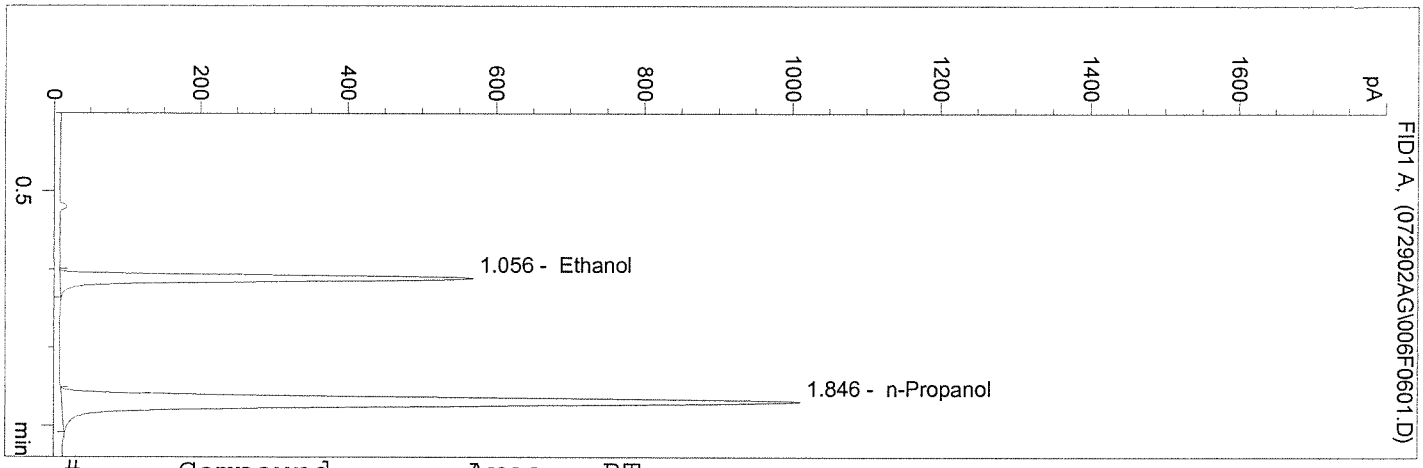
7/29/02 2:07:22 PM
Instrument 2
DB-ALC1

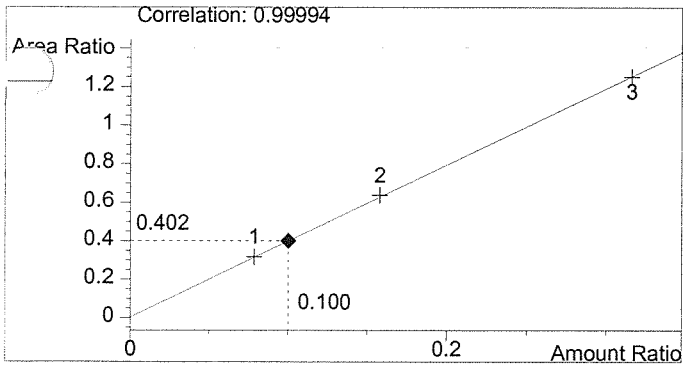
0.1 CTRL
ANN MARIE GORDON

vial # 6

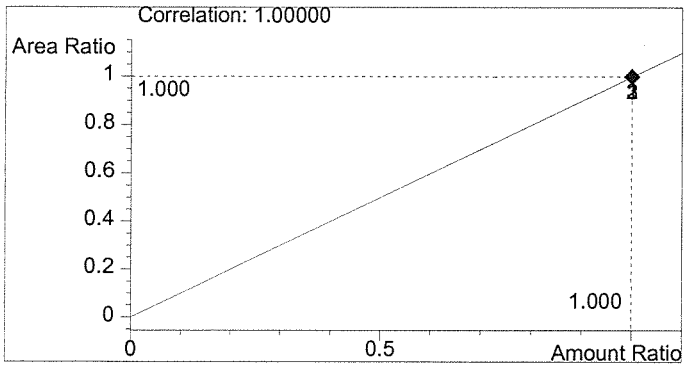


#	Compound	Area	RT
1	Ethanol	1581	1.056
2	n-Propanol	3937	1.846

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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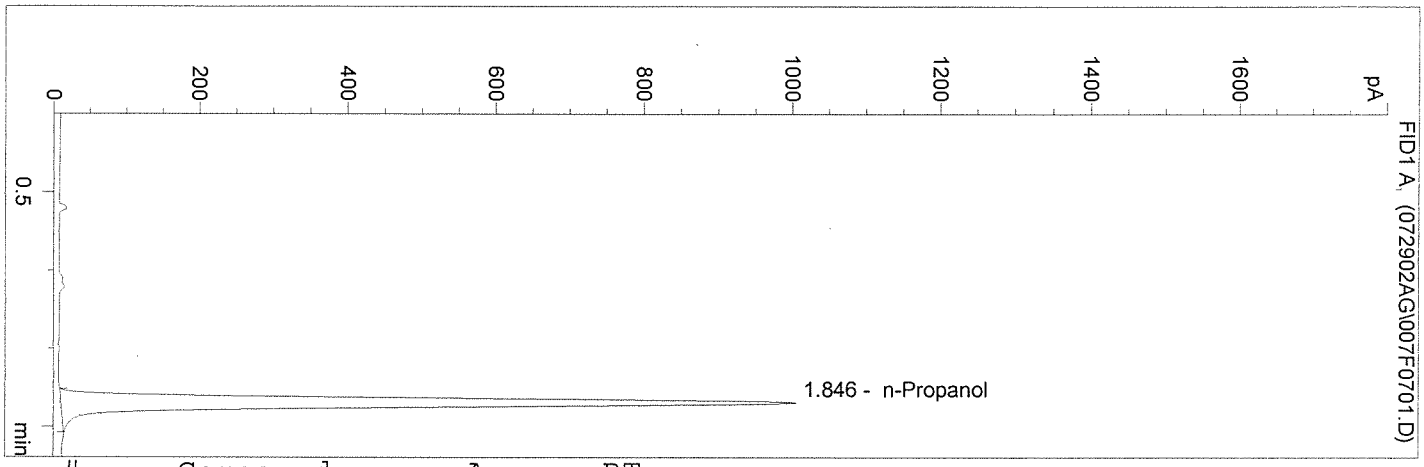
7/29/02 2:10:24 PM
Instrument 2
DB-ALC1

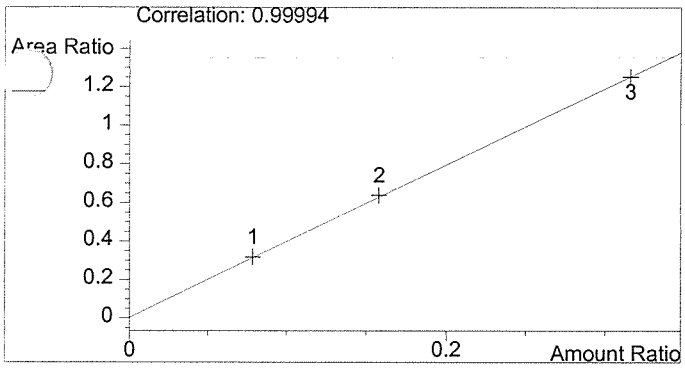
BLANK
ANN MARIE GORDON

vial # 7

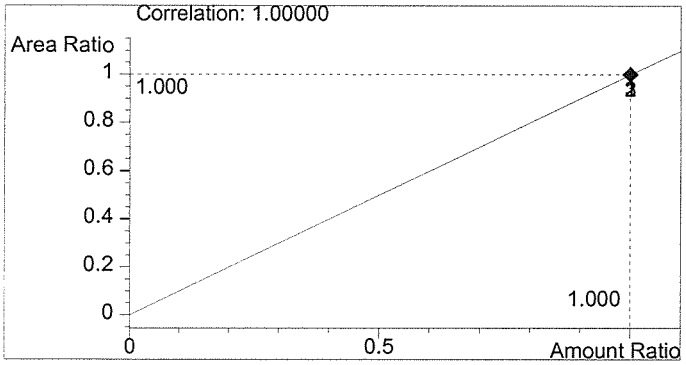


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3921	1.846

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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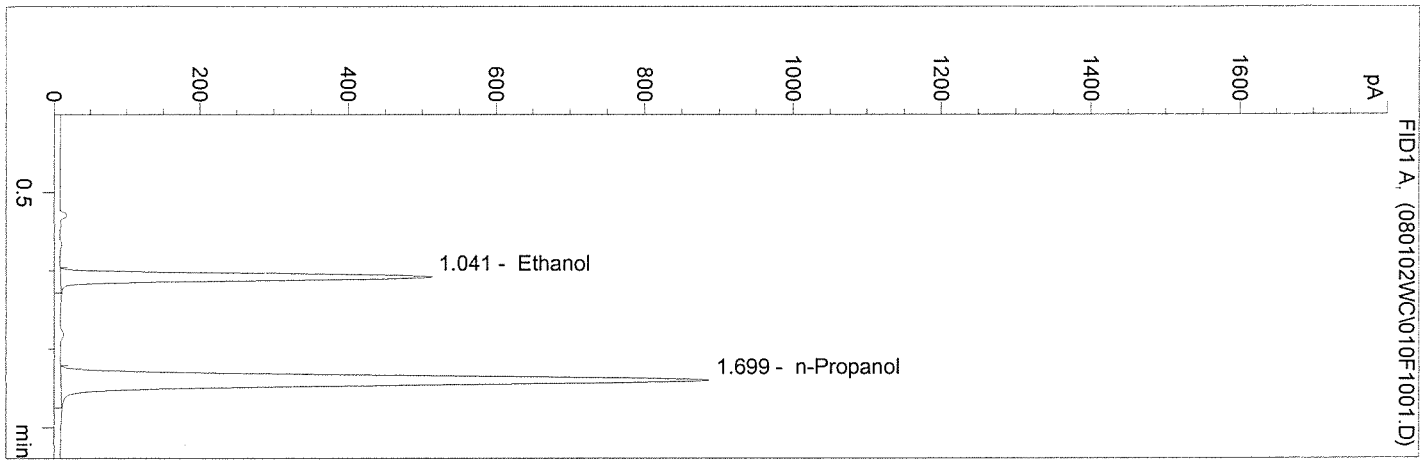
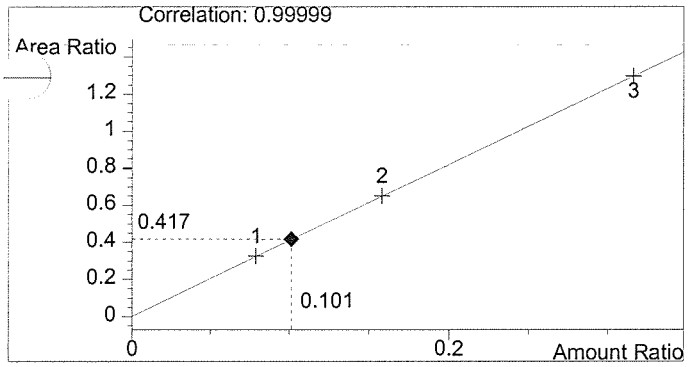
8/1/02 10:33:45 AM
Instrument 1
DB-ALC1

SIM 02028
WP MARSHALL

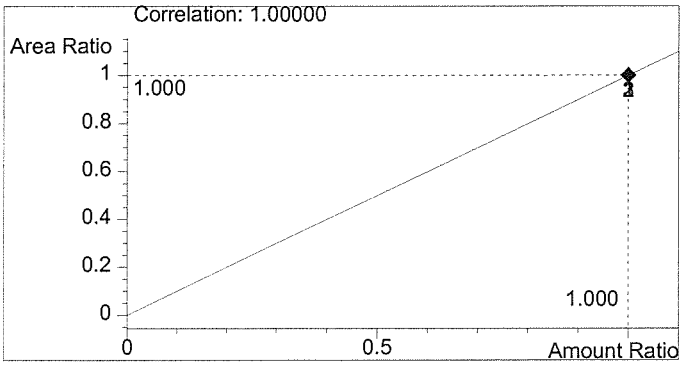
vial # 10



#	Compound	Area	RT
1	Ethanol	1547	1.041
2	n-Propanol	3707	1.699
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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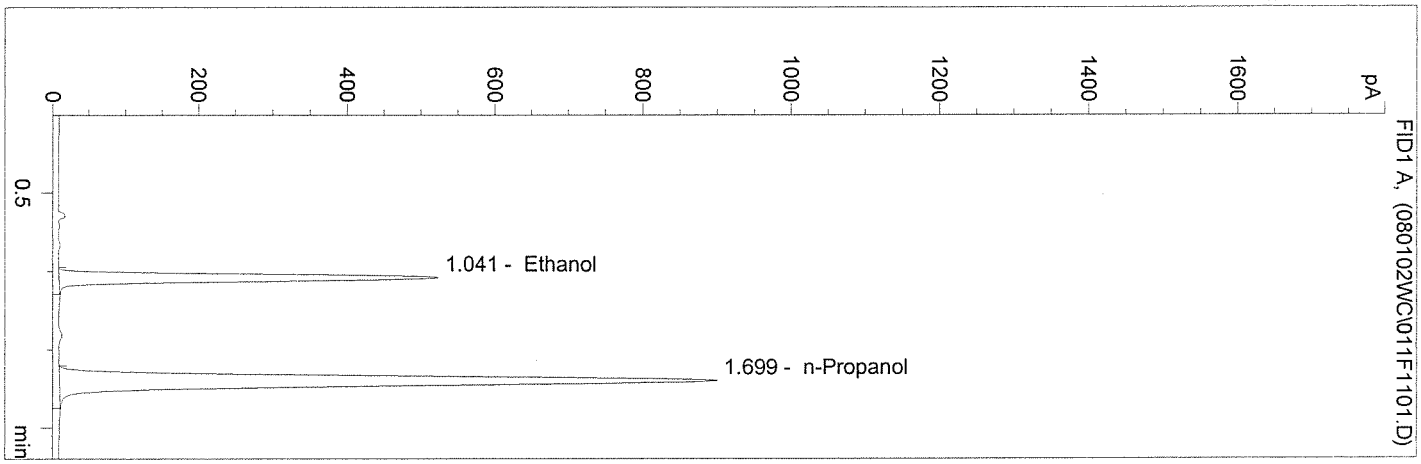
8/1/02 10:36:34 AM
Instrument 1
DB-ALC1

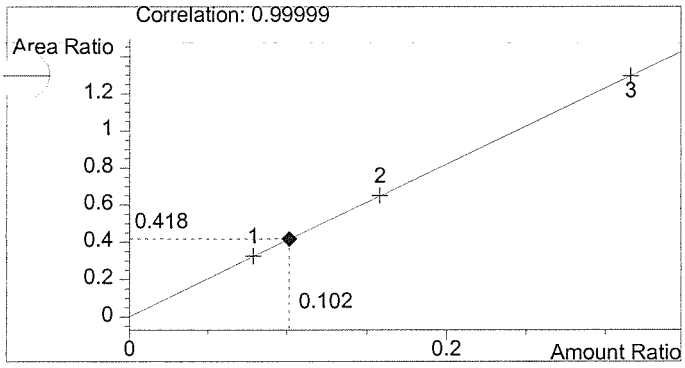
SIM 02028
WP MARSHALL

vial # 11

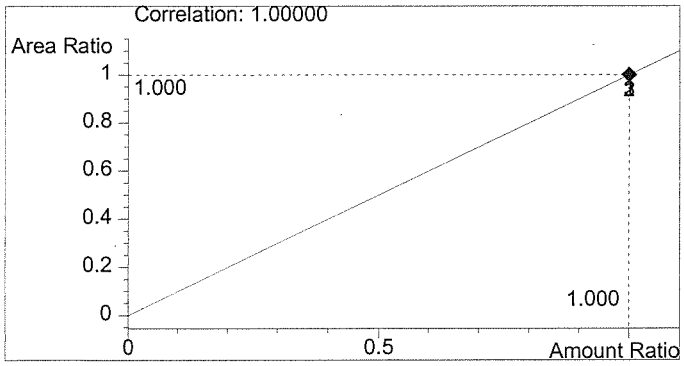


#	Compound	Area	RT
1	Ethanol	1574	1.041
2	n-Propanol	3761	1.699

Totals:



Ethanol 0.102 g/100ml



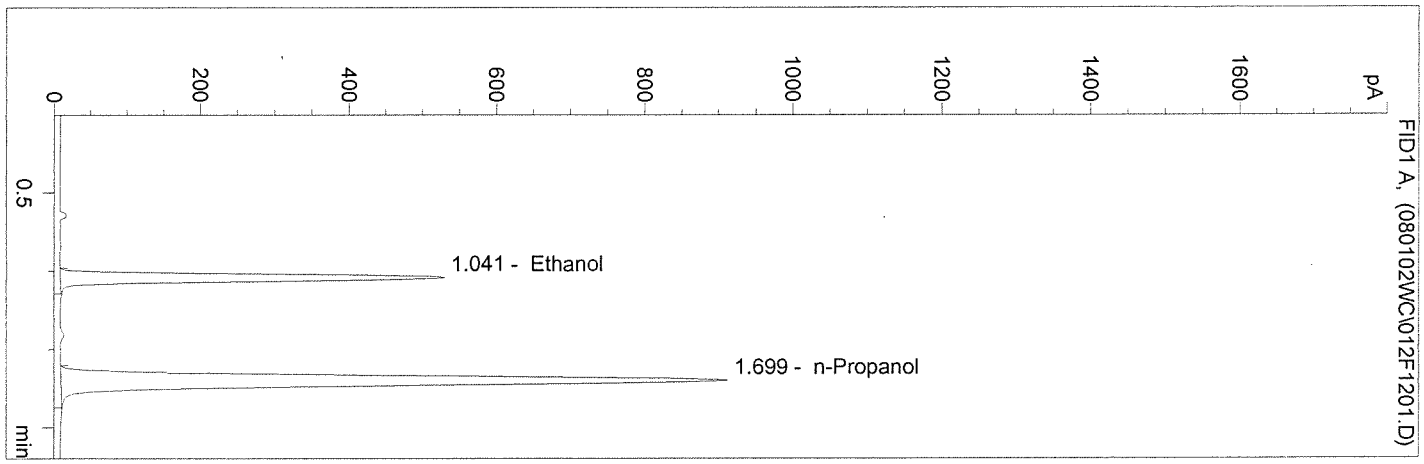
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
8/1/02 10:39:16 AM
Instrument 1
DB-ALC1

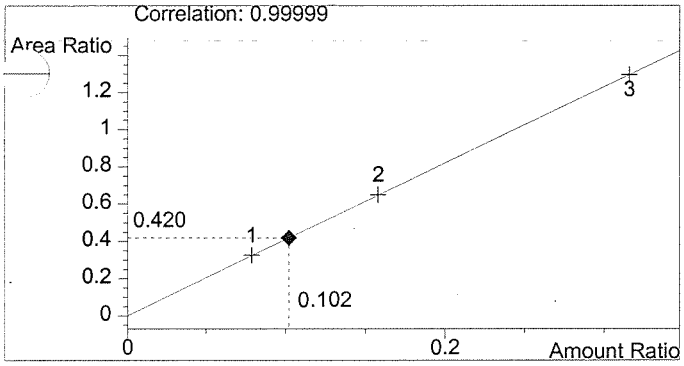
SIM 02028
WP MARSHALL

vial # 12

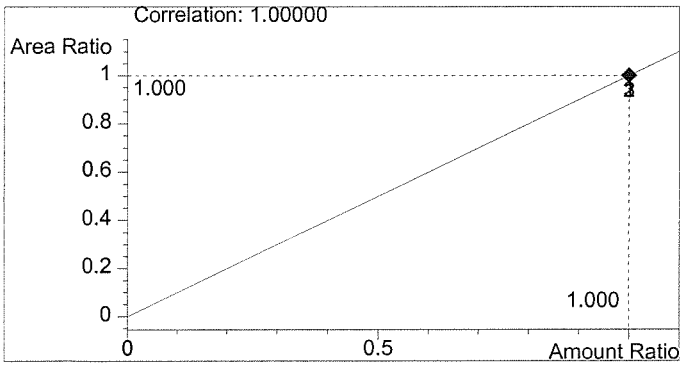


#	Compound	Area	RT
1	Ethanol	1603	1.041
2	n-Propanol	3813	1.699

Totals:



Ethanol 0.102 g/100ml



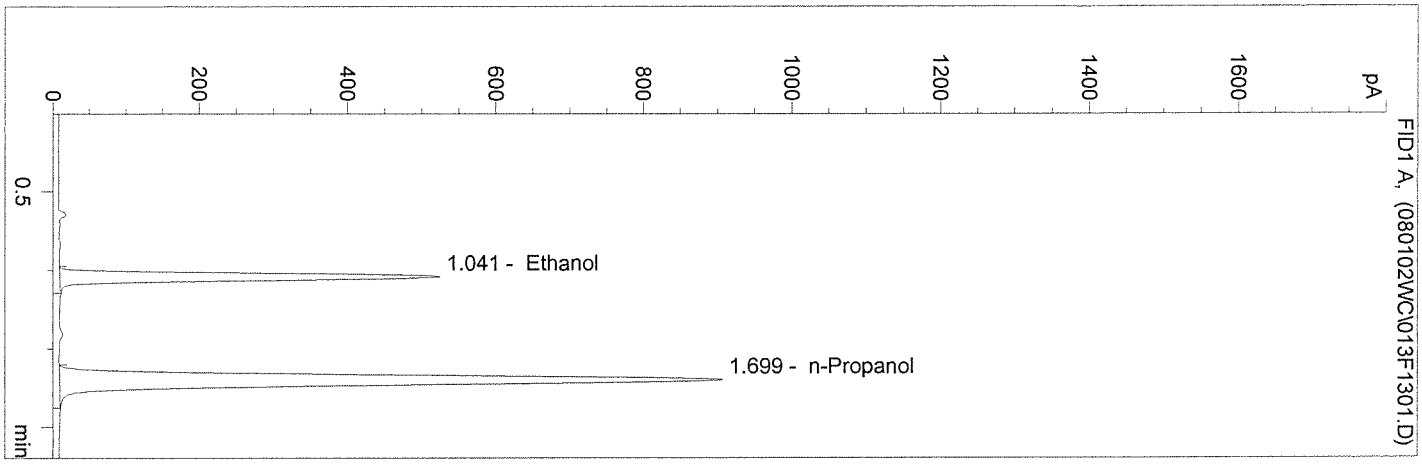
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
8/1/02 10:42:42 AM
Instrument 1
DB-ALC1

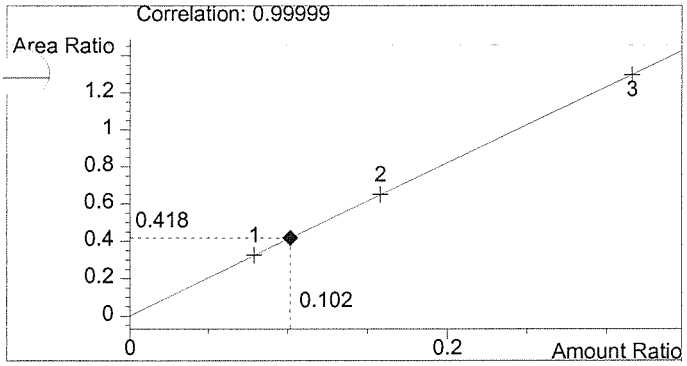
SIM 02028
WP MARSHALL

vial # 13

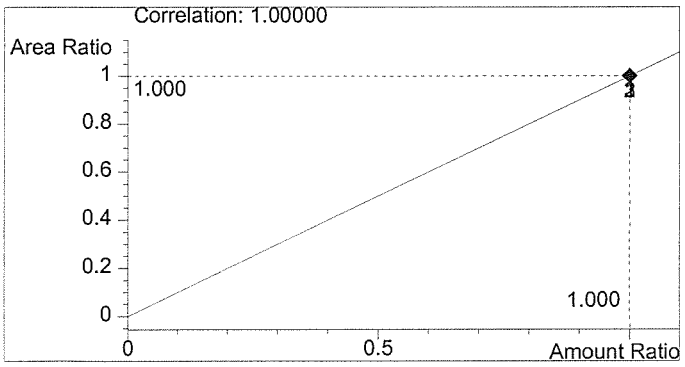


#	Compound	Area	RT
1	Ethanol	1585	1.041
2	n-Propanol	3794	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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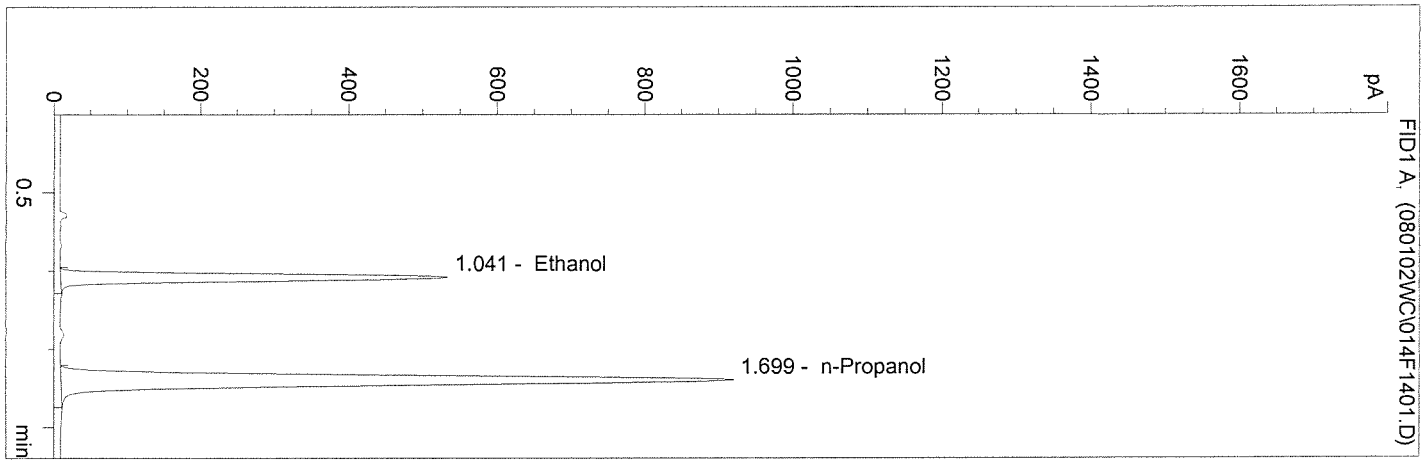
Instrument 1
DB-ALC1

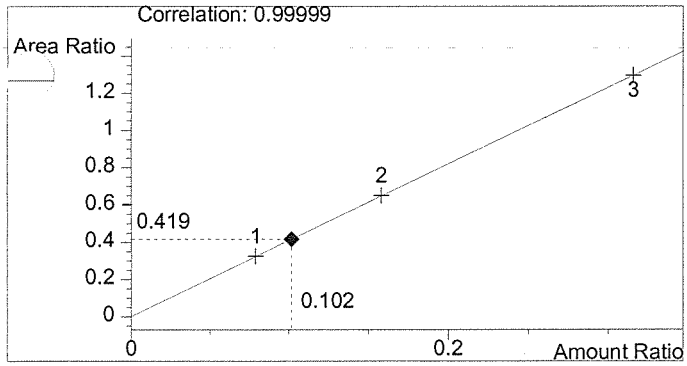
SIM 02028
WP MARSHALL

vial # 14

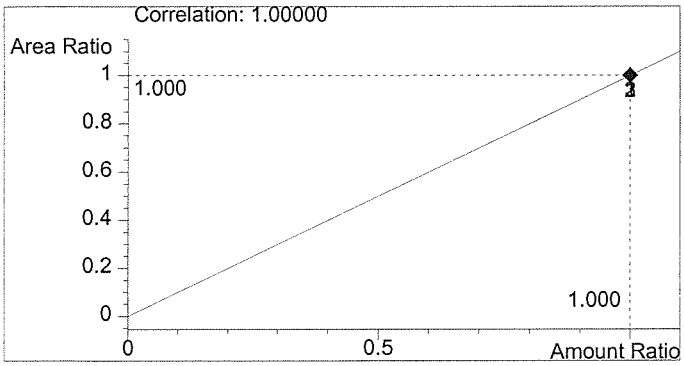


#	Compound	Area	RT
1	Ethanol	1614	1.041
2	n-Propanol	3856	1.699

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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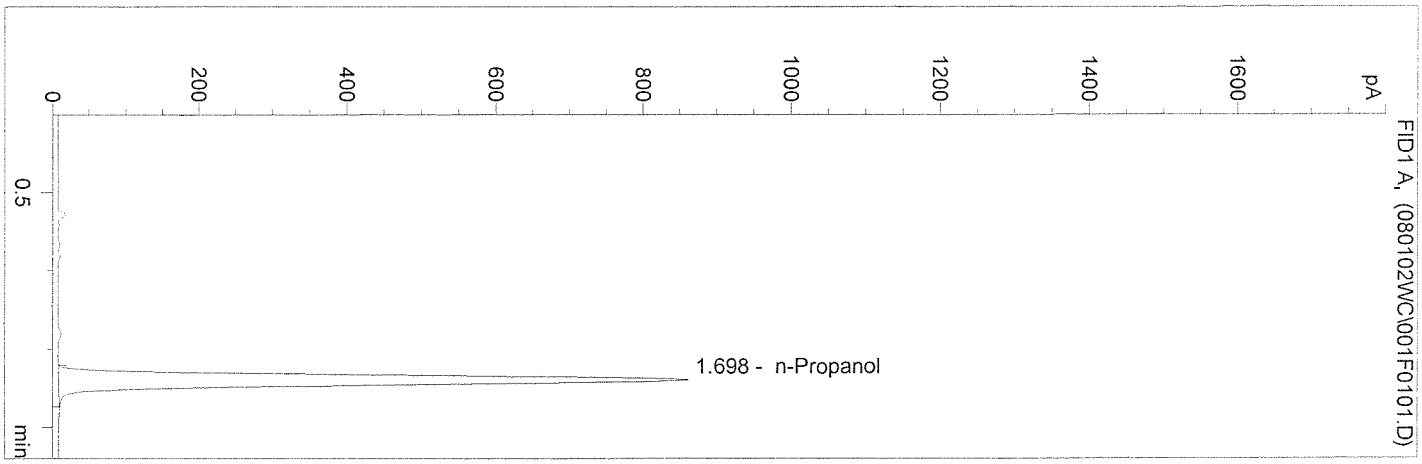
8/1/02 10:07:43 AM
Instrument 1
DB-ALC1

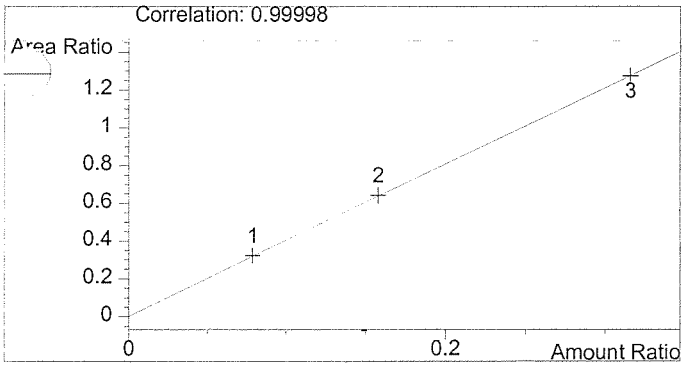
BLANK
WP MARSHALL

vial # 1

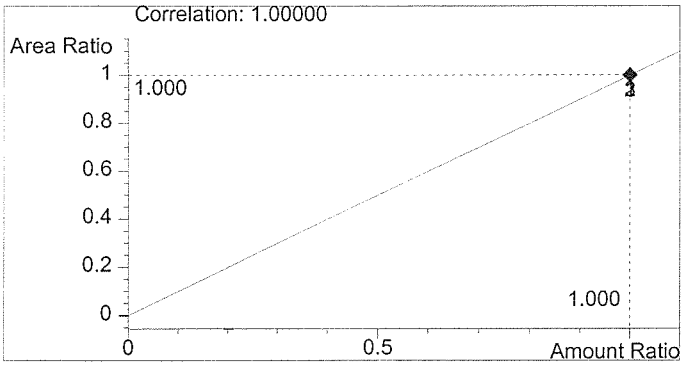


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3590	1.698

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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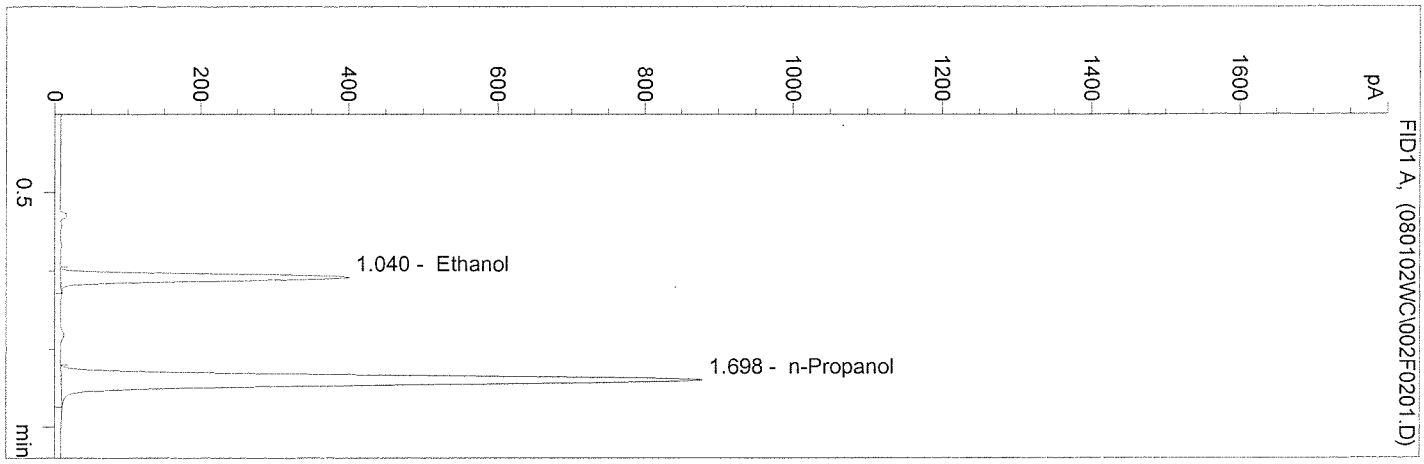
Instrument 1
DB-ALC1

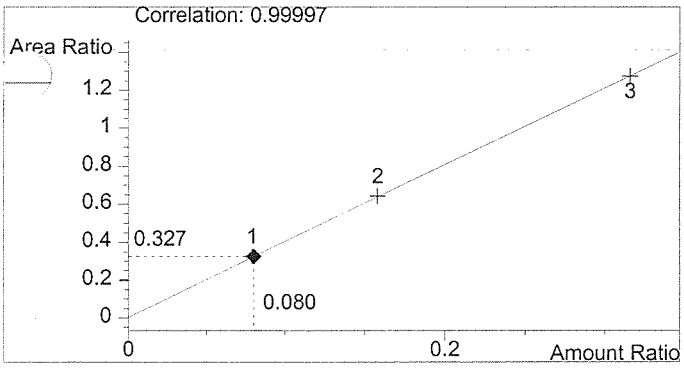
0.079 CALIBRATOR
WP MARSHALL

vial # 2

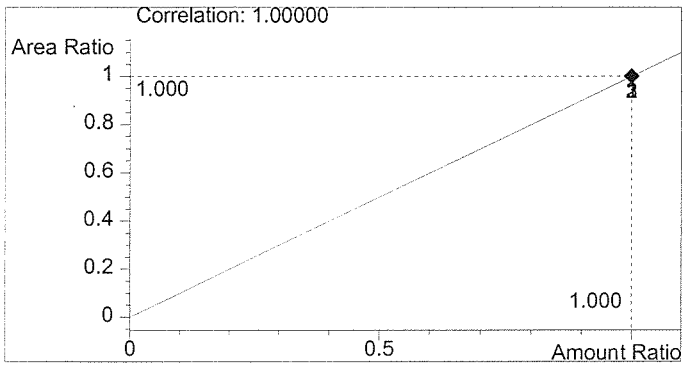


#	Compound	Area	RT
1	Ethanol	1199	1.040
2	n-Propanol	3670	1.698

Totals:



Ethanol 0.080 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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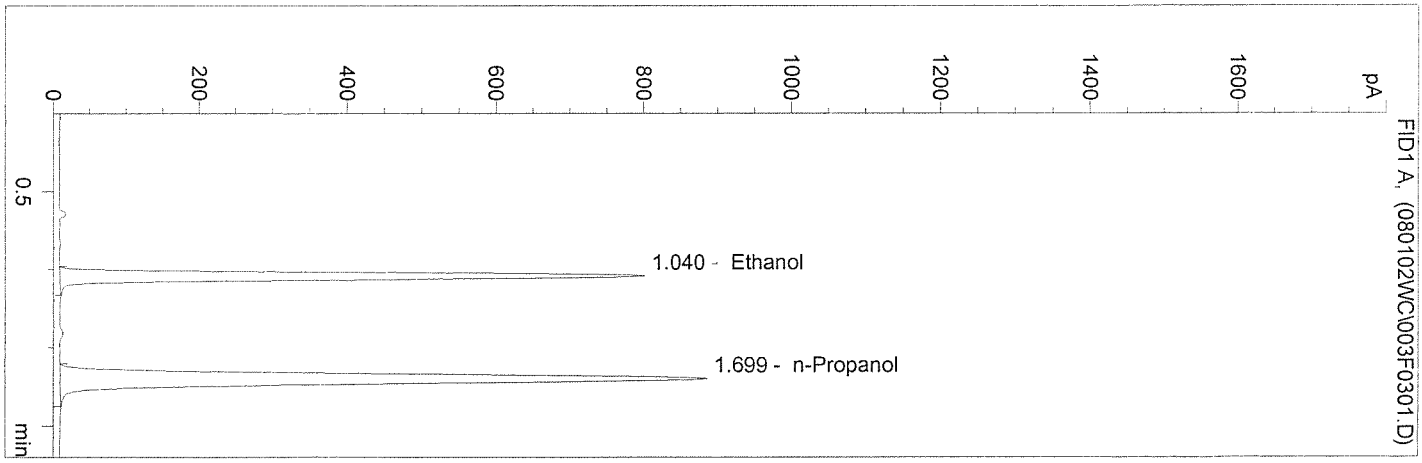
8/1/02 10:13:13 AM
Instrument 1
DB-ALC1

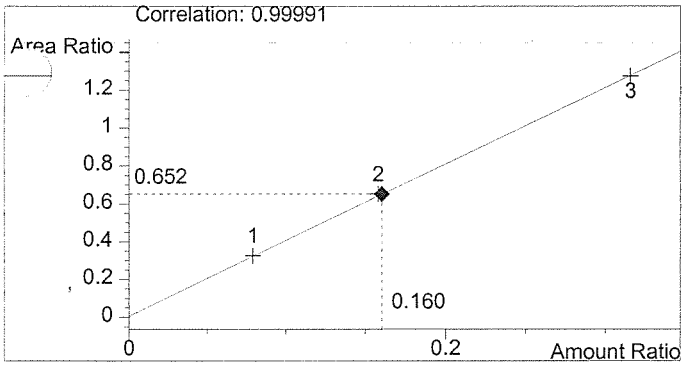
0.158 CALIBRATOR
WP MARSHALL

vial # 3

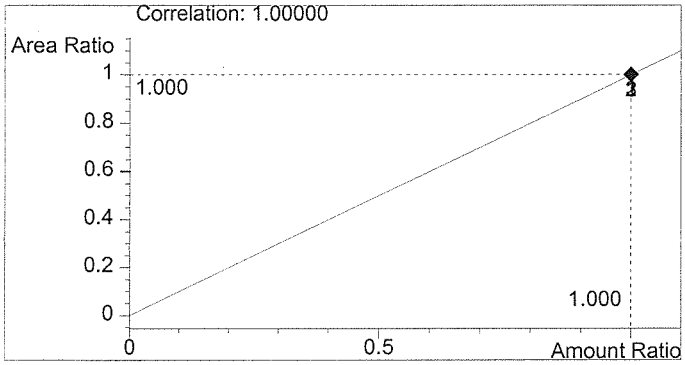


#	Compound	Area	RT
1	Ethanol	2409	1.040
2	n-Propanol	3697	1.699

Totals:



Ethanol 0.160 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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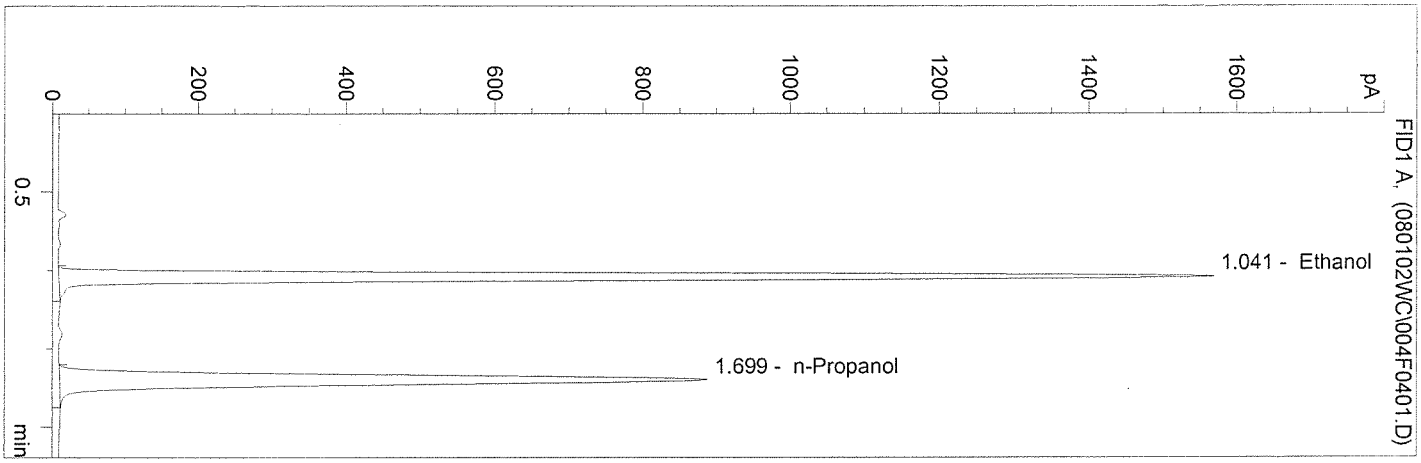
8/1/02 10:15:57 AM
Instrument 1
DB-ALC1

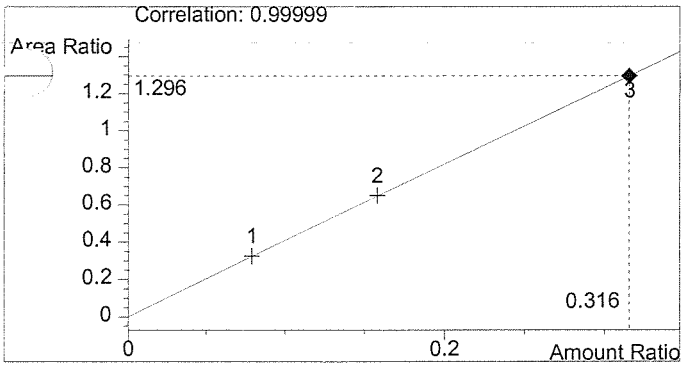
0.316 CALIBRATOR
WP MARSHALL

vial # 4

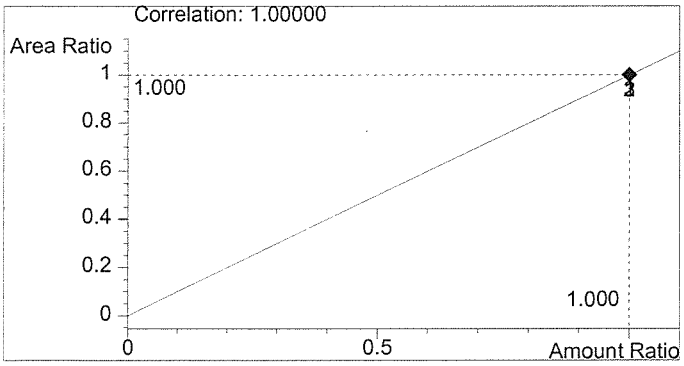


#	Compound	Area	RT
1	Ethanol	4821	1.041
2	n-Propanol	3721	1.699

Totals:



Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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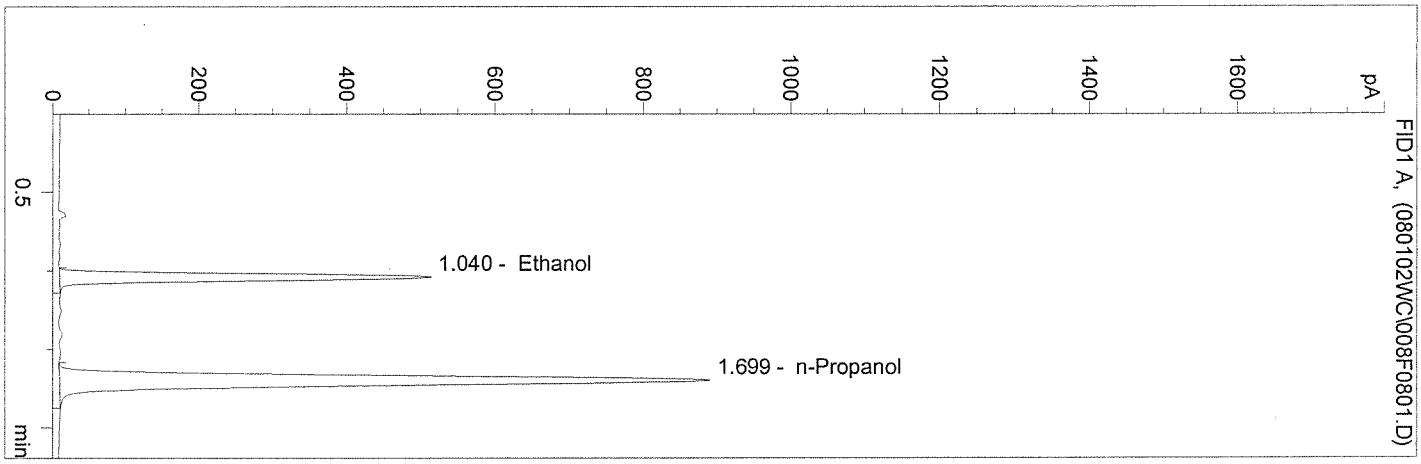
8/1/02 10:27:33 AM
Instrument 1
DB-ALC1

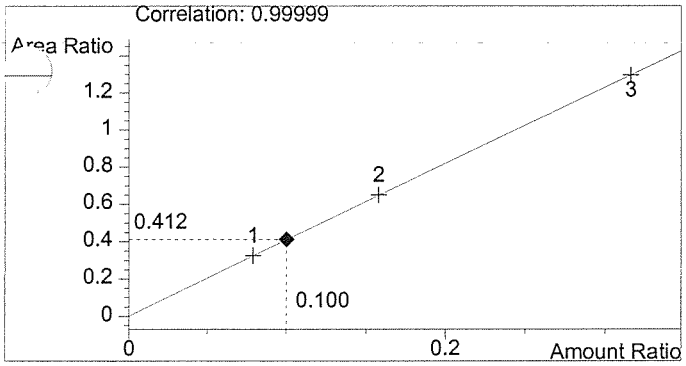
CONTROL 0.10 WM
WP MARSHALL

vial # 8

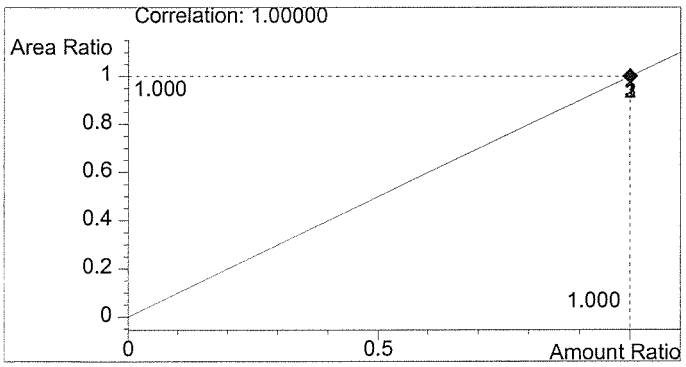


#	Compound	Area	RT
1	Ethanol	1528	1.040
2	n-Propanol	3706	1.699

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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8/1/02 10:31:02 AM
Instrument 1
DB-ALC1

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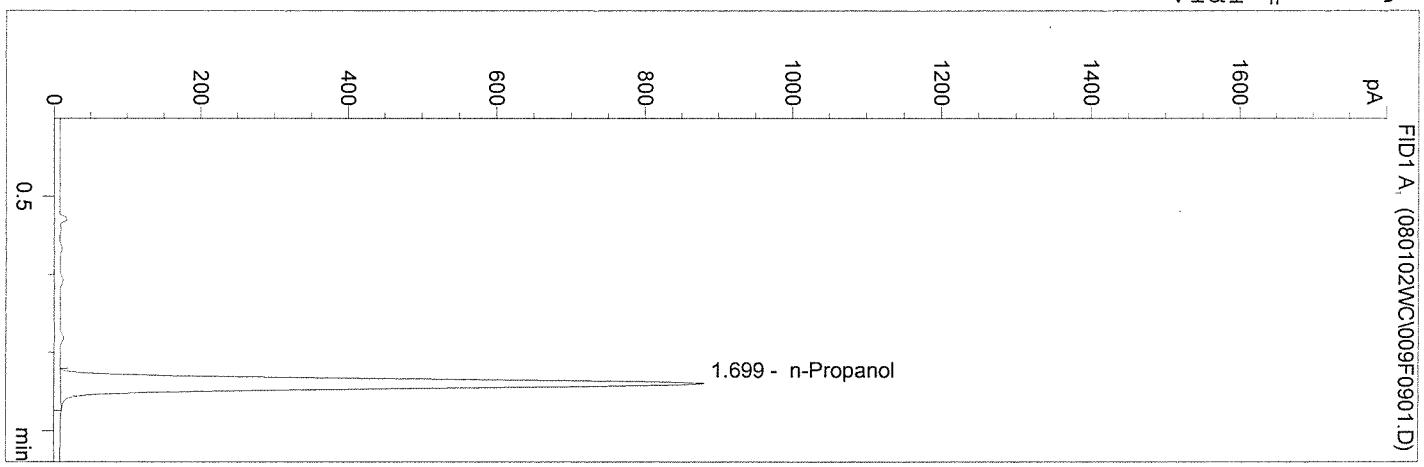
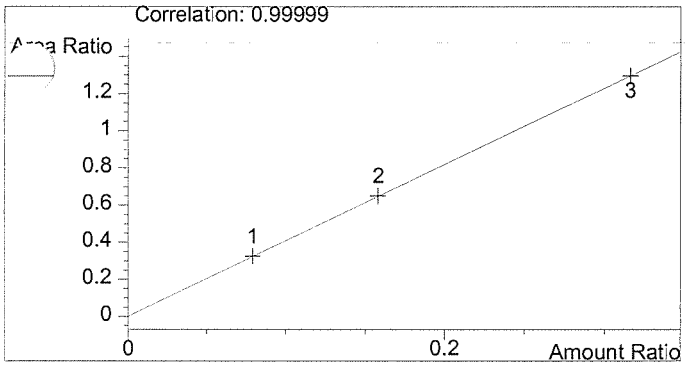
WP MARSHALL

vial # 9

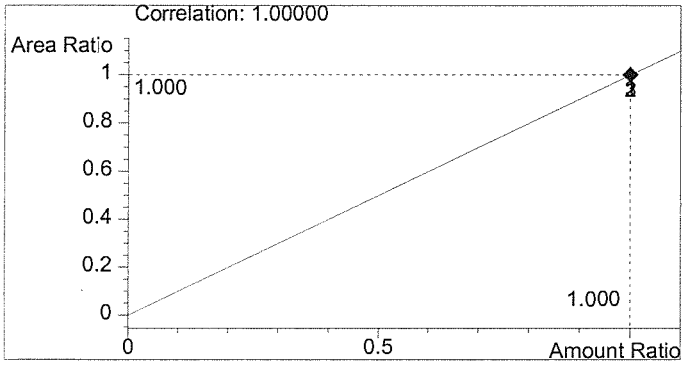


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3675	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml