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 **02006** Date: 2/12/2002

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

CAP Control:

Lot #: 8180 Exp date: 6/22/02

Target concentration: 0.101 g/100mL

Statistics: 11-6-07

Avg. solution concent.: 0.1017 g/100 mL

SD: ~~0.00112~~ 0.00113

Range (3xSD): 0.0983 to ~~0.1050~~ 0.1051

Precision CV (%): ~~1.1041~~ % 1.1093

Equivalent vapor concent.: 0.0827 g/210L

Analyst	Name	Signature	Date
1	Melissa Pemberton	Melissa L Pemberton	02/12/02
2	Edward Formoso	E. Formoso	02/12/02
3	Estuardo J. Miranda	E Miranda	02/12/02
4	Ruth Luthi	Ruth Luthi	02/14/02
5	William P Marshall	Wm P Marshall	02/19/02
6	Naziha Nuwayhid, PhD	[illegible]	02/26/02
7	Eugene Schwilke	Eug Schwilke	02/27/02
8	Ann Marie Gordon	Ann Marie Gordon	02/27/02
9	Egle Weiss	Egle Weiss	02/28/02
10			
11			
12			

Prepared by: Melissa Pemberton according to the approved protocol

Notice of Simulator Solution File Review

At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution data entry form along with a file review record and the chromatograms generated by the Toxicology Laboratory during the analyses of the solutions. This file has been reviewed by Tpr. Ken Denton and Mr. Rod Gullberg for accuracy and completeness. Where computations regarding simulator solution values have been found to be incorrect, the corrected values have been written in by Mr. Rod Gullberg along with initials and date. The corrected values were then evaluated to ensure that the solution still conformed to those standards established by the State Toxicologist.

Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear on their original affidavit along with a statement regarding their review of the results.

Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.

K.L. Denton 11/8/2007

Tpr. Ken Denton Date

R G Gullberg 11-8-2007

Rod G. Gullberg Date

WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/ s: KEN DENTON / ROA GULLBERG Date: 11-6-07

Location: TOX LAB SEATTLE Solution Batch Number: 02006

	YES	NO
Preparation date precedes all analysis dates:	☒	☐
Data entry corresponds to all chromatograms:	☒	☐
All signatures present on Analysis sheet:	☒	☐
Avg. solution concentration correct?:	☒	☐
Standard deviation correct:	☐	☒
Range correct:	☐	☒
Equivalent vapor concentration correct?	☒	☐
External Control information correct: (lot # and future date)	☒	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐
Corrections Necessary/ Comments	☒	☐

Reviewer Signature: R L Gullberg Date: 11-6-07

Reviewer Signature: K. L. Denton Date: 11/6/2007

Rev. Date: 10/31/2007

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02006, was prepared in the Washington State Toxicology Laboratory on 2/12/02. 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 2/12/03.

Dated: 3/1/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

11-07-2007

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02006, was prepared in the Washington State Toxicology Laboratory on 2/12/02. 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 2/12/03.

Dated: 3/1/02
Seattle, WA

Melissa L. Pemberton
Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

Melissa L. Pemberton
11/7/03

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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-five years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02006, was prepared in the Washington State Toxicology Laboratory on 2/12/02. 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 2/12/03.

Dated: 3/1/02
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/nf
EFSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02006, was prepared in the Washington State Toxicology Laboratory on 2/12/02. 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 2/12/03.

Dated: 3/1/02
Seattle, WA

Ruth Luthi
Forensic Toxicologist

RL/nf
RLSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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-eight years of analytical laboratory experience including twelve years of toxicology experience.

The simulator solution, Lot Number 02006, was prepared in the Washington State Toxicology Laboratory on 2/12/02. 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 2/12/03.

Dated: 3/1/02
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/nf
WMSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02006, was prepared in the Washington State Toxicology Laboratory on 2/12/02. 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 2/12/03.

Dated: 3/1/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNSIMSOL

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

11/8/07

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

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 02006, was prepared in the Washington State Toxicology Laboratory on 2/12/02. 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 2/12/03.

Dated: 3/1/02
Seattle, WA

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

GS/nf
GSSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 464-5435 • Fax (206) 389-2738

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Egle Weiss, 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: MS degree in Chemistry and twenty-six years experience in analytical chemistry, and seventeen years of experience in the Washington State Toxicology Laboratory.

The simulator solution, Lot Number 02006, was prepared in the Washington State Toxicology Laboratory on 2/12/02. 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 2/12/03.

Dated: 3/1/02
Seattle, WA

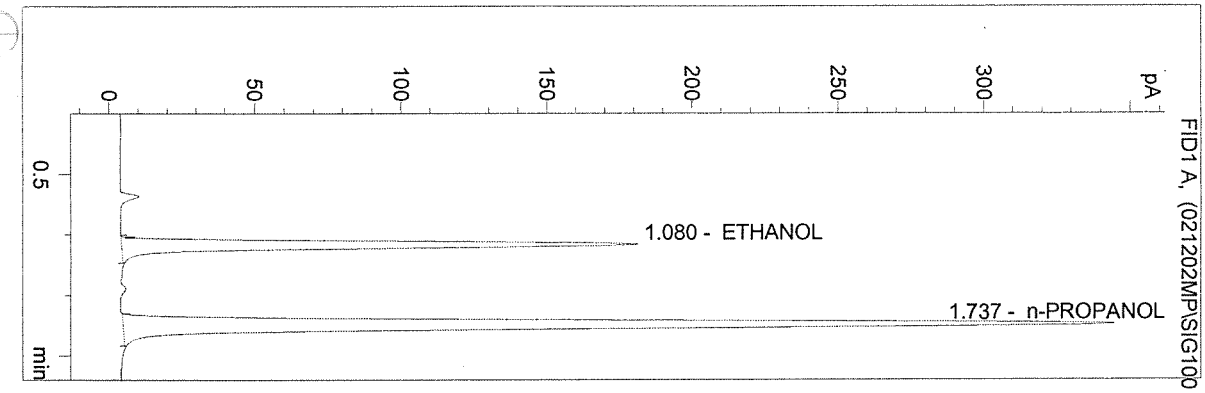
Egle Weiss
Forensic Toxicologist

EW/nf
EWSIMSOL

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:32:27 AM
Instrument 3
DB-ALC1

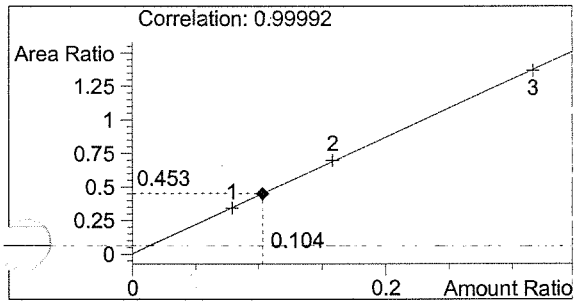
02006 SIM SOLN
M PEMBERTON

vial # 5

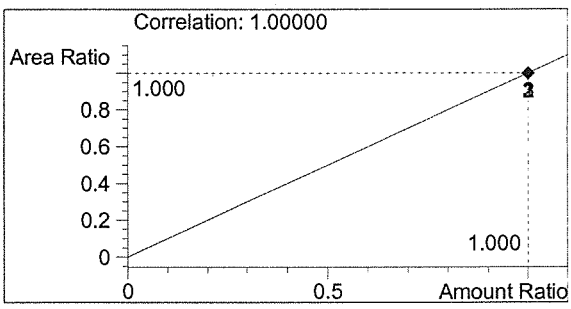


#	Compound	Area	RT
1	ETHANOL	702	1.080
2	n-PROPANOL	1549	1.737

Totals:



ETHANOL 0.104 mg/L



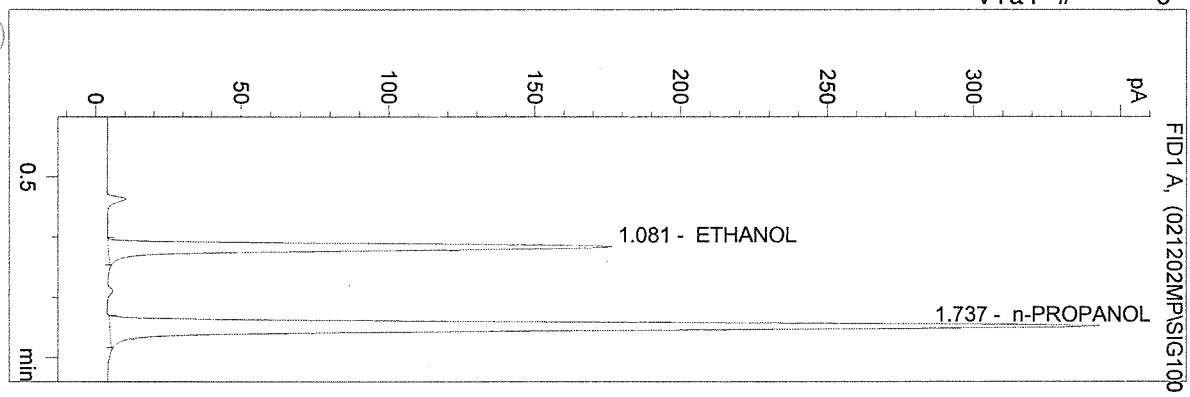
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:35:38 AM
Instrument 3
DB-ALC1

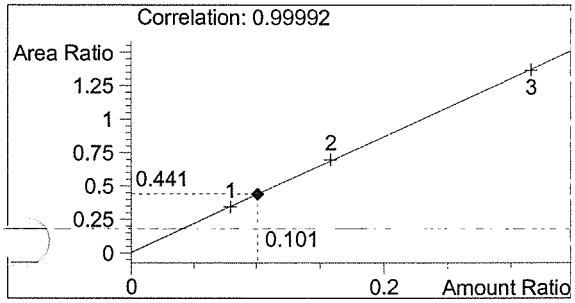
02006 SIM SOLN
M PEMBERTON

vial # 6

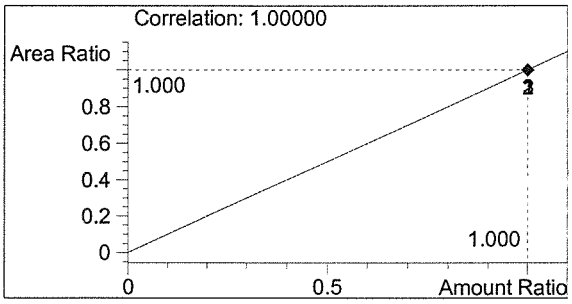


#	Compound	Area	RT
1	ETHANOL	678	1.081
2	n-PROPANOL	1537	1.737

Totals:



ETHANOL 0.101 mg/L



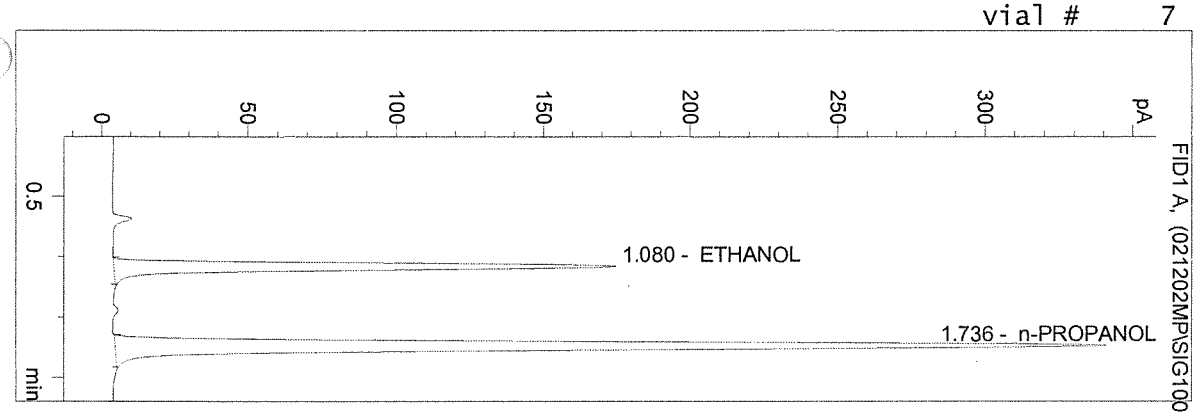
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:38:49 AM
Instrument 3
DB-ALC1

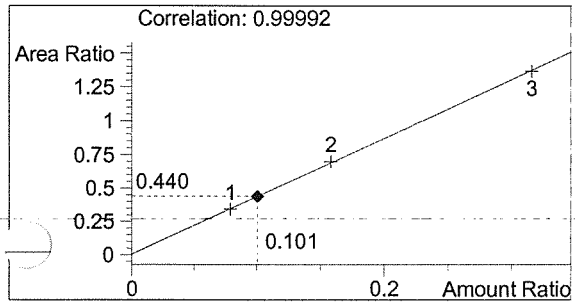
02006 SIM SOLN
M PEMBERTON

vial # 7

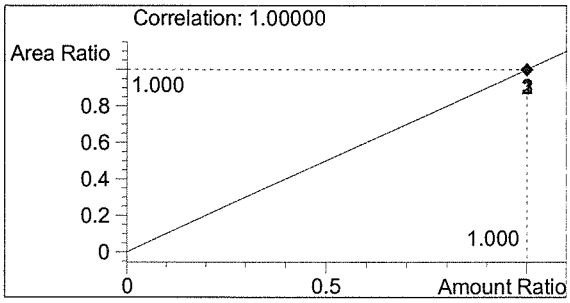


#	Compound	Area	RT
1	ETHANOL	675	1.080
2	n-PROPANOL	1533	1.736

Totals:



ETHANOL 0.101 mg/L

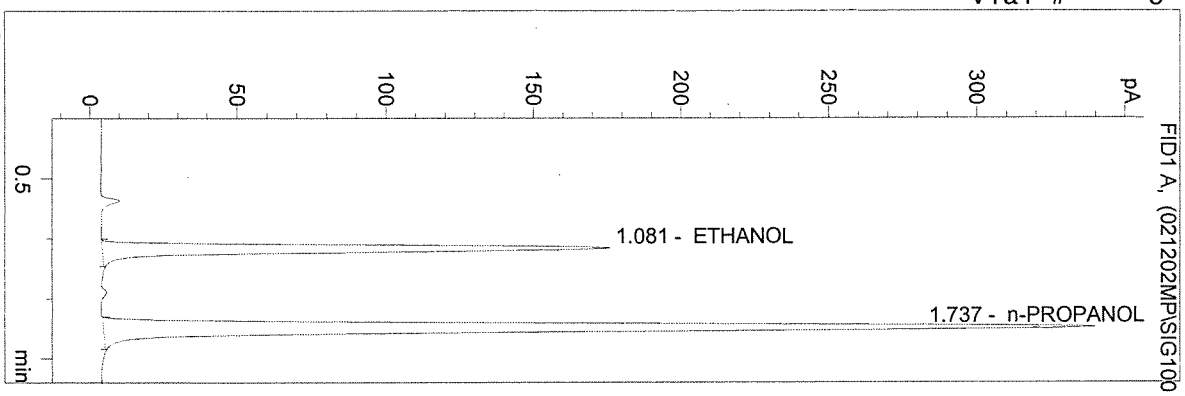


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:41:59 AM
Instrument 3
DB-ALC1

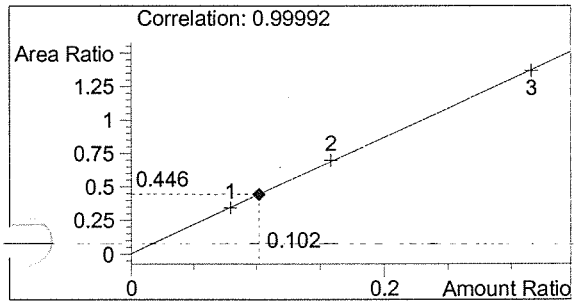
02006 SIM SOLN
M PEMBERTON

vial # 8

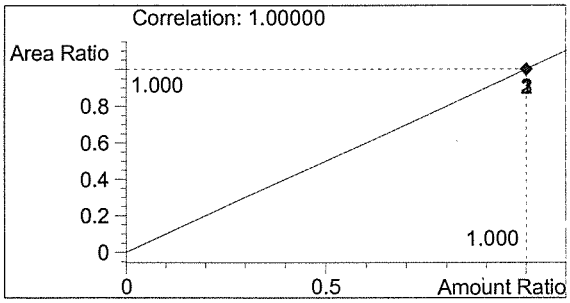


#	Compound	Area	RT
1	ETHANOL	686	1.081
2	n-PROPANOL	1537	1.737

Totals:



ETHANOL 0.102 mg/L



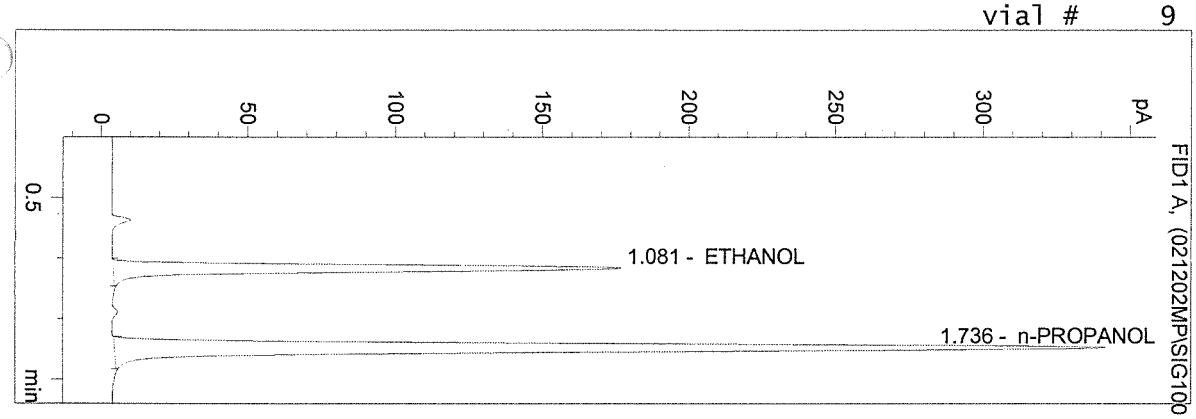
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:45:24 AM
Instrument 3
DB-ALC1

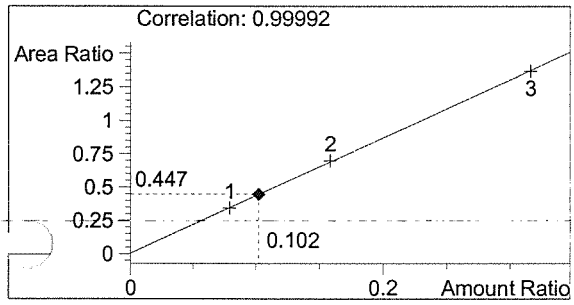
02006 SIM SOLN
M PEMBERTON

vial # 9

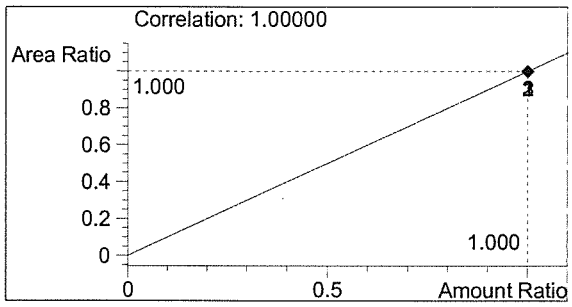


#	Compound	Area	RT
1	ETHANOL	689	1.081
2	n-PROPANOL	1543	1.736

Totals:



ETHANOL 0.102 mg/L

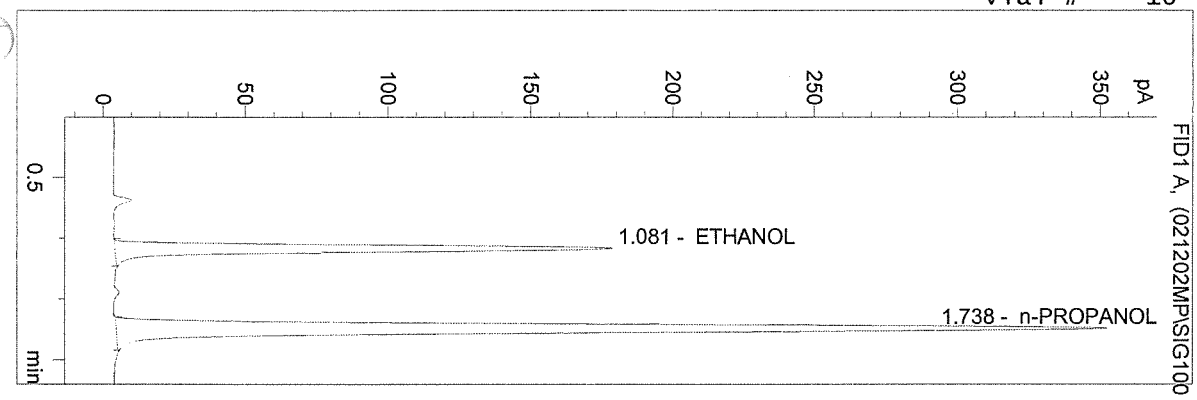


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:48:35 AM
Instrument 3
DB-ALC1

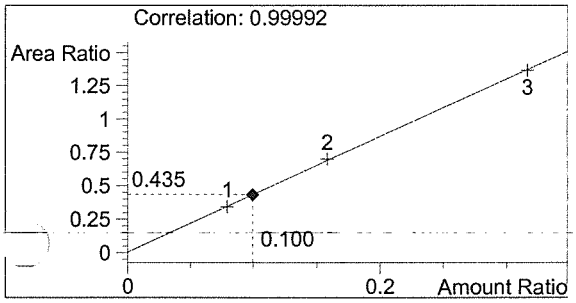
0.101 CAP
M PEMBERTON

vial # 10

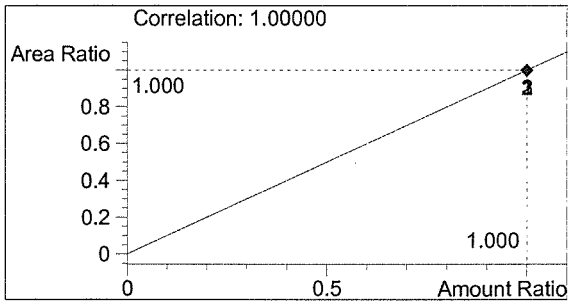


#	Compound	Area	RT
1	ETHANOL	690	1.081
2	n-PROPANOL	1585	1.738

Totals:



ETHANOL 0.100 mg/L



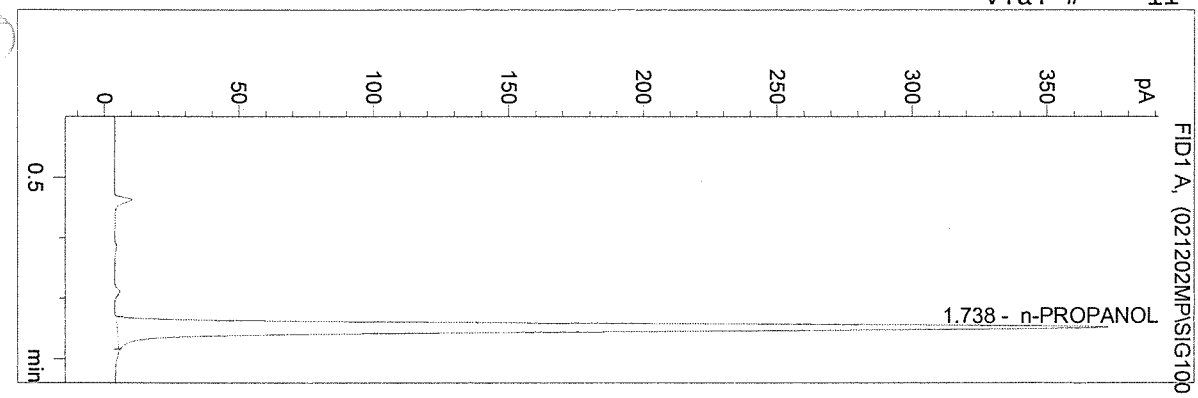
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:51:46 AM
Instrument 3
DB-ALC1

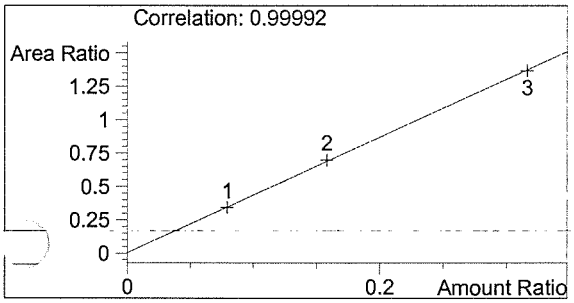
BLK
M PEMBERTON

vial # 11

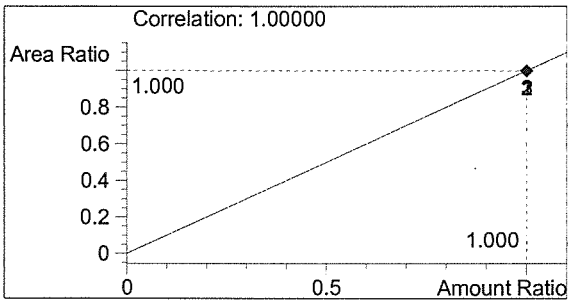


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1675	1.738

Totals:



ETHANOL 0.000 mg/L



n-PROPANOL 1.000 mg/L

Calibration Table

ETOH CALIBRATION

Calib. Data Modified : Tuesday, February 12, 2002 11:31:13 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

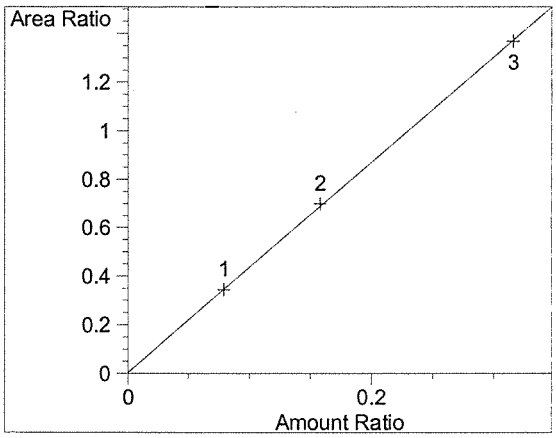
Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100ml]	Area	Amt/Area	Ref	Grp	Name
1.080	1	1	7.90000e-2	537.60443	1.46948e-4	1		ETHANOL
		2	1.58000e-1	1144.47058	1.38055e-4			
		3	3.16000e-1	2115.30103	1.49388e-4			
1.736	1	1	1.00000	1563.22656	6.39703e-4	I1		n-PROPANOL
		2	1.00000	1636.60449	6.11021e-4			
		3	1.00000	1545.62610	6.46987e-4			

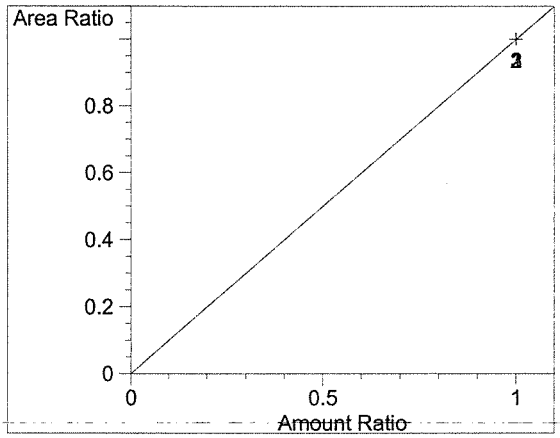
Peak Sum Table

No Entries in table

Calibration Curves



ETHANOL at exp. RT: 1.080
FID1 A,
Correlation: 0.99992
Residual Std. Dev.: 0.00887
Formula: y = mx + b
m: 4.33444
b: 3.70746e-3
x: Amount Ratio
y: Area Ratio



n-PROPANOL at exp. RT: 1.736
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

Sequence Parameters:

Operator:	M PEMBERTON
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	021202MP
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	

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	02006 SIM SOLN	BLDALCO3	1	Sample		
6	6	02006 SIM SOLN	BLDALCO3	1	Sample		
7	7	02006 SIM SOLN	BLDALCO3	1	Sample		
8	8	02006 SIM SOLN	BLDALCO3	1	Sample		
9	9	02006 SIM SOLN	BLDALCO3	1	Sample		
10	10	0.101 CAP	BLDALCO3	1	Ctrl Samp		
11	11	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	02006 SIM SOLN				
6	6	02006 SIM SOLN				
7	7	02006 SIM SOLN				
8	8	02006 SIM SOLN				
9	9	02006 SIM SOLN				
10	10	0.101 CAP				
11	11	BLK				

Sequence Table (Back Injector):

No entries - empty table!

Sequence Output Parameters:

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

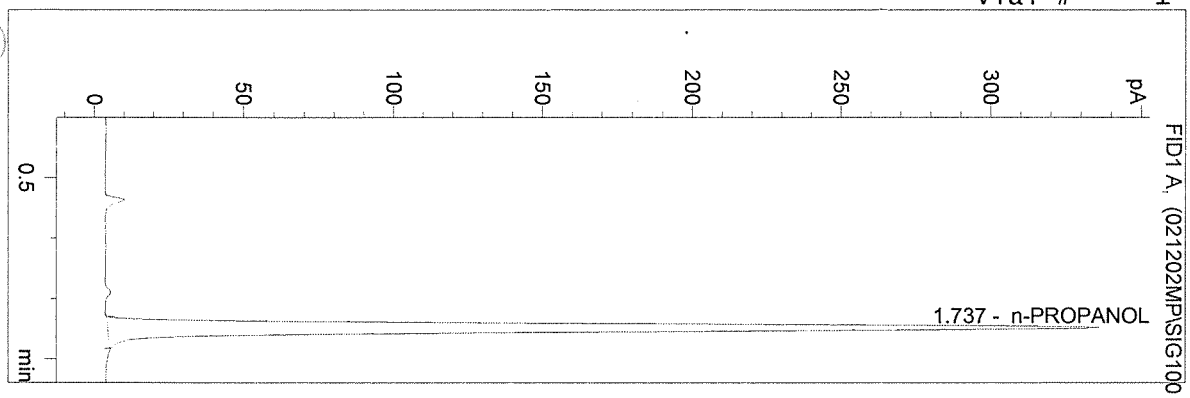
Sequence Summary Parameters:

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

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:19:28 AM
Instrument 3
DB-ALC1

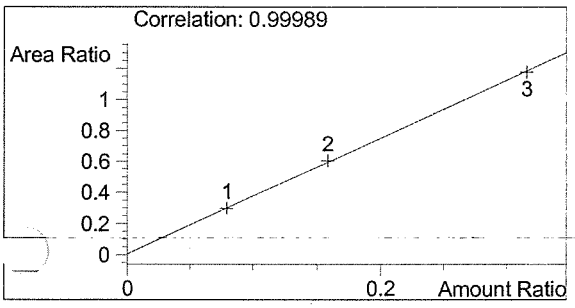
BLANK
M PEMBERTON

vial # 1

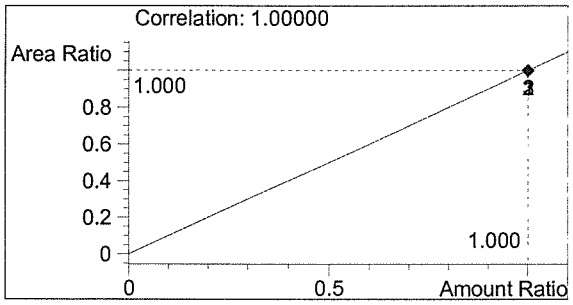


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1527	1.737

Totals:



ETHANOL 0.000 mg/L



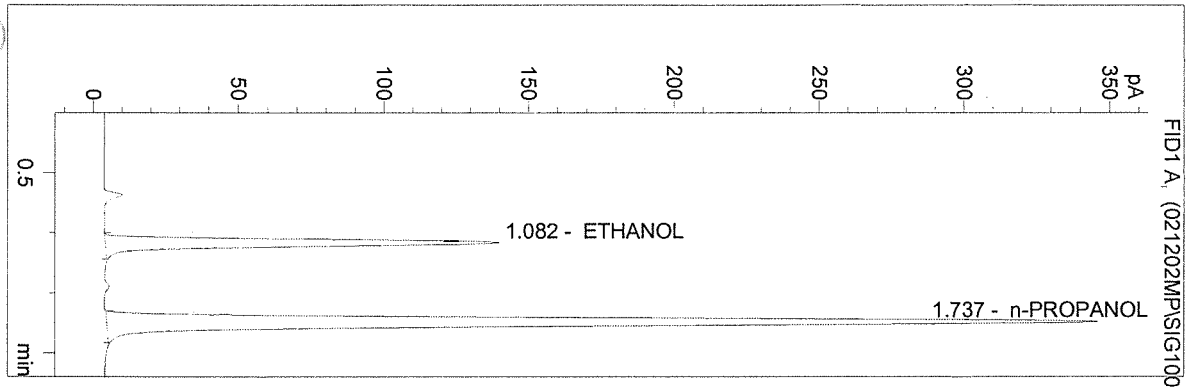
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:22:39 AM
Instrument 3
DB-ALC1

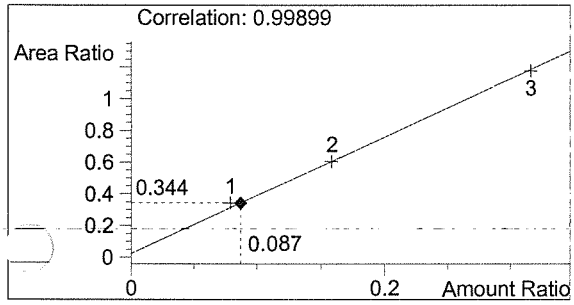
0.079 CALIBRATOR
M PEMBERTON

vial # 2

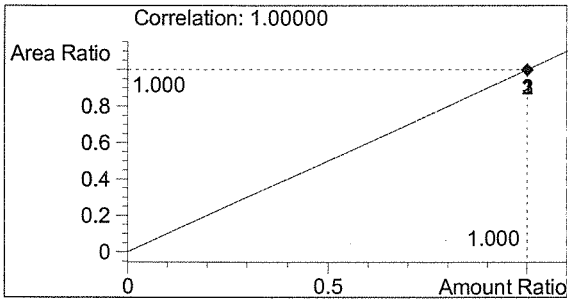


#	Compound	Area	RT
1	ETHANOL	538	1.082
2	n-PROPANOL	1563	1.737

Totals:



ETHANOL 0.087 mg/L



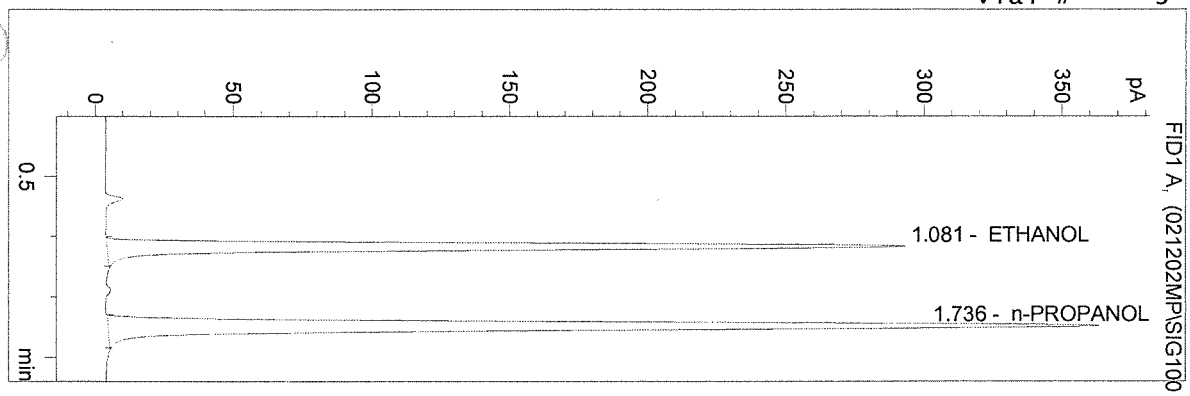
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:25:50 AM
Instrument 3
DB-ALC1

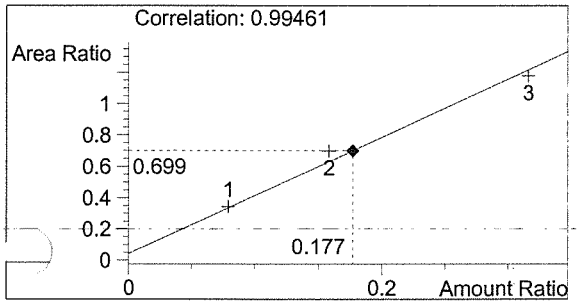
0.158 CALIBRATOR
M PEMBERTON

vial # 3

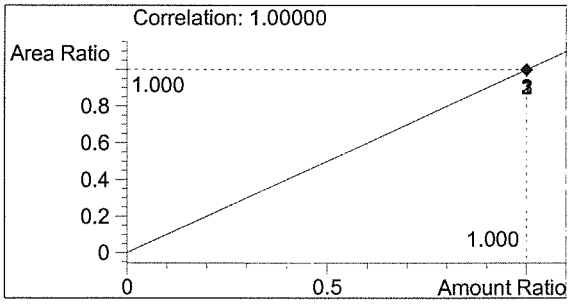


#	Compound	Area	RT
1	ETHANOL	1144	1.081
2	n-PROPANOL	1637	1.736

Totals:



ETHANOL 0.177 mg/L



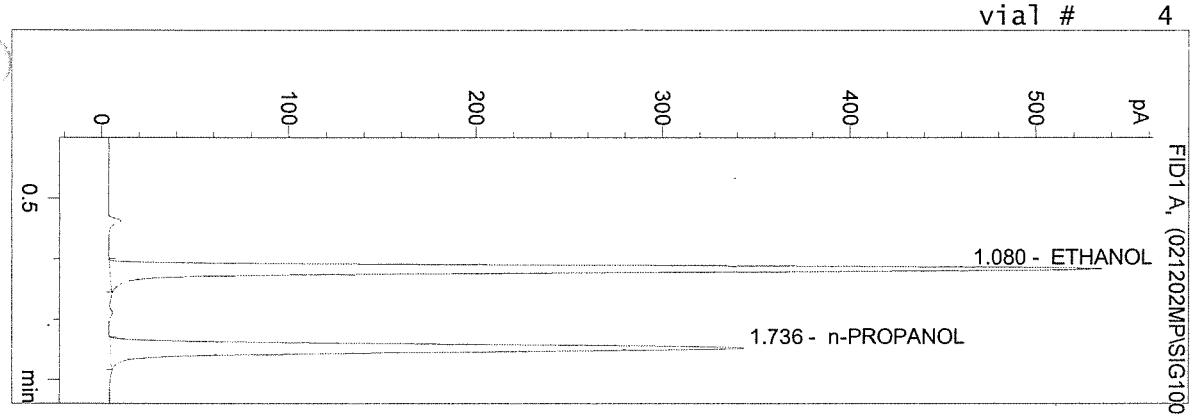
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 11:29:00 AM
Instrument 3
DB-ALC1

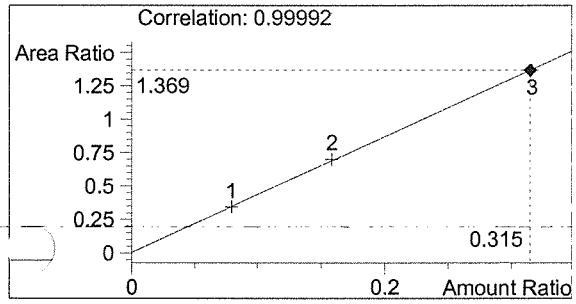
0.316 CALIBRATOR
M PEMBERTON

vial # 4

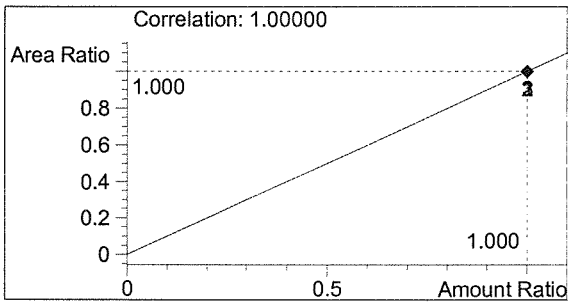


#	Compound	Area	RT
1	ETHANOL	2115	1.080
2	n-PROPANOL	1546	1.736

Totals:



ETHANOL 0.315 mg/L



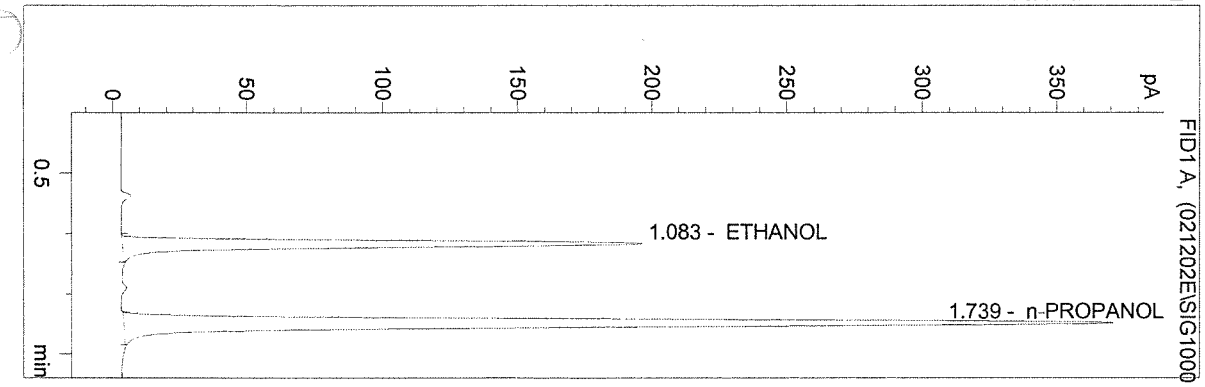
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 1:56:14 PM
Instrument 3
DB-ALC1

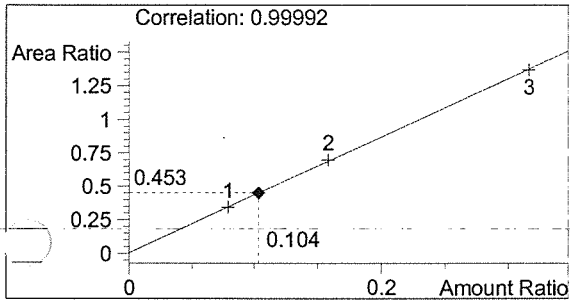
02006
ED FORMOSO

vial # 1

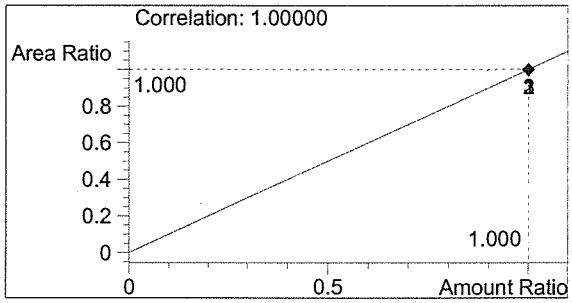


#	Compound	Area	RT
1	ETHANOL	754	1.083
2	n-PROPANOL	1667	1.739

Totals:



ETHANOL 0.104 mg/L



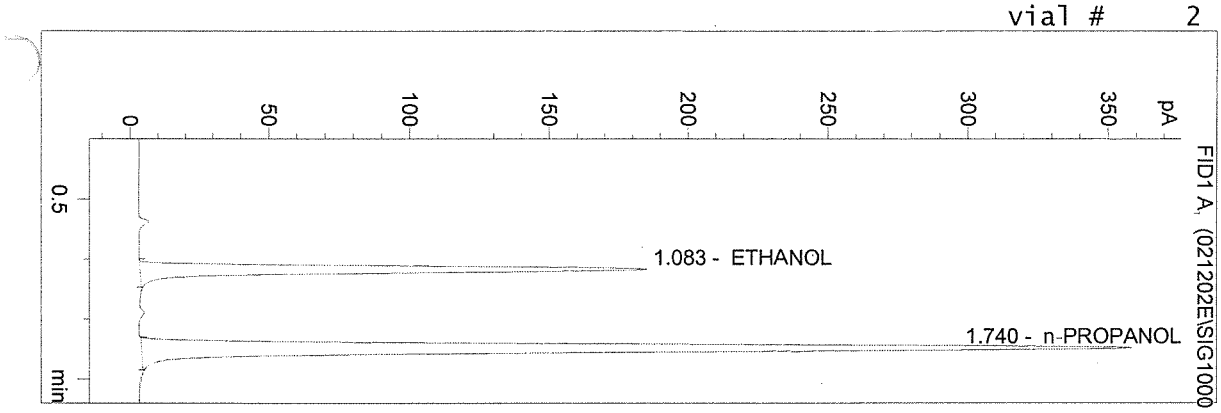
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 1:59:25 PM
Instrument 3
DB-ALC1

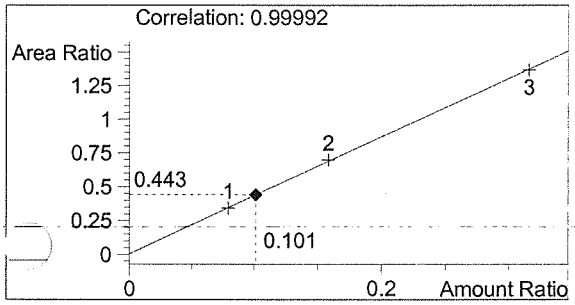
02006
ED FORMOSO

vial # 2

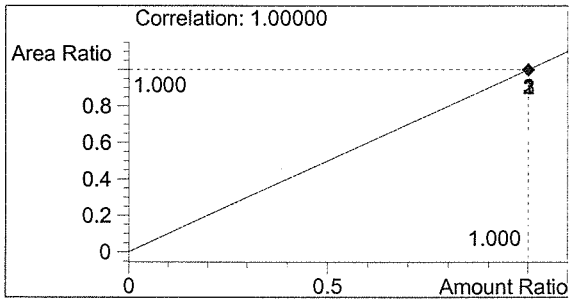


#	Compound	Area	RT
1	ETHANOL	714	1.083
2	n-PROPANOL	1613	1.740

Totals:



ETHANOL 0.101 mg/L



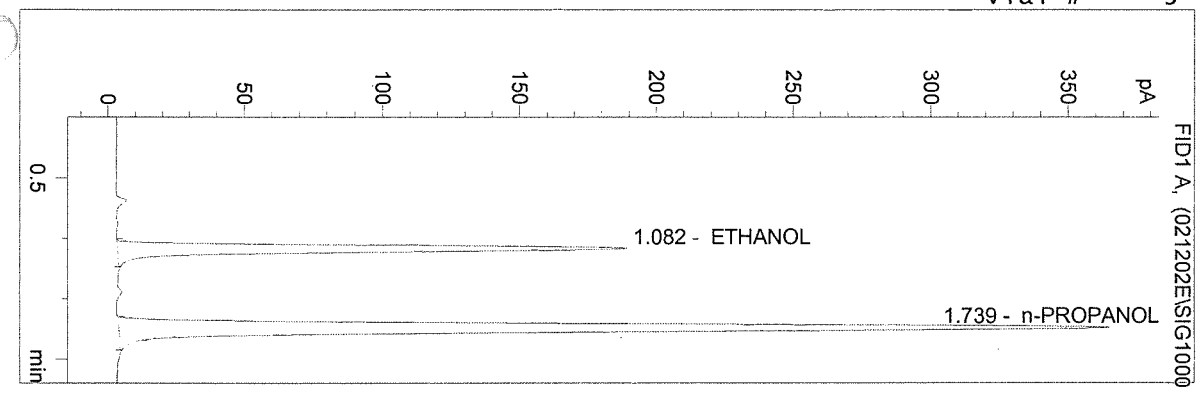
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 2:02:36 PM
Instrument 3
DB-ALC1

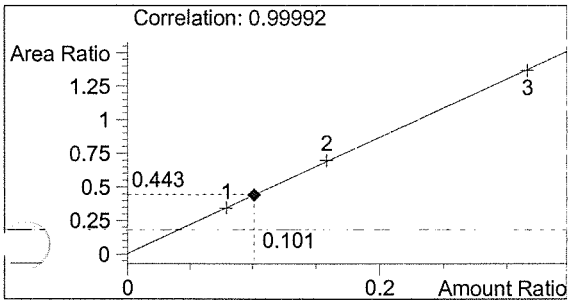
02006
ED FORMOSO

vial # 3

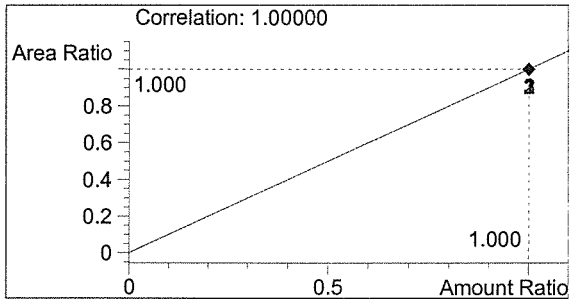


#	Compound	Area	RT
1	ETHANOL	724	1.082
2	n-PROPANOL	1635	1.739

Totals:



ETHANOL 0.101 mg/L



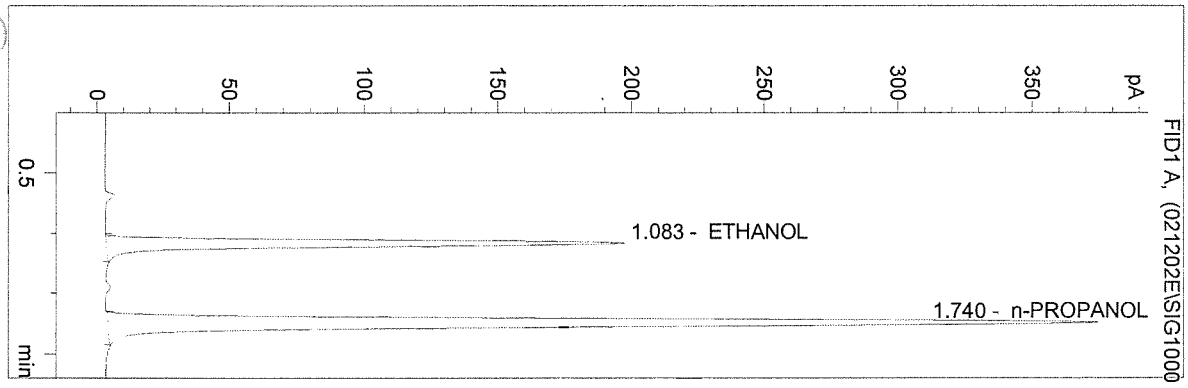
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 2:05:46 PM
Instrument 3
DB-ALC1

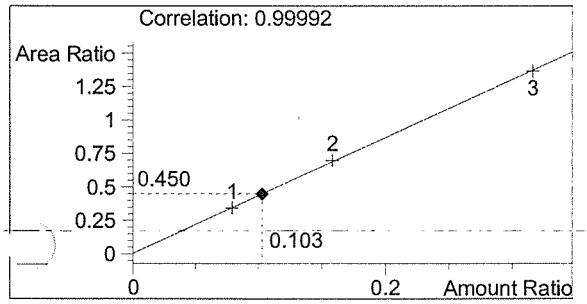
02006
ED FORMOSO

vial # 4

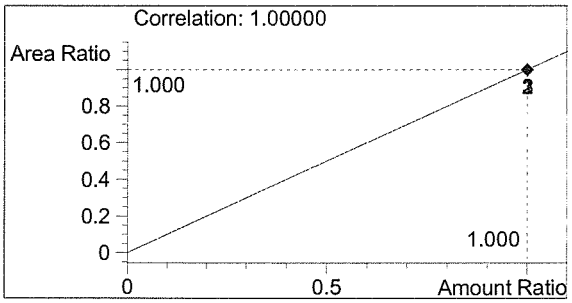


#	Compound	Area	RT
1	ETHANOL	754	1.083
2	n-PROPANOL	1676	1.740

Totals:



ETHANOL 0.103 mg/L



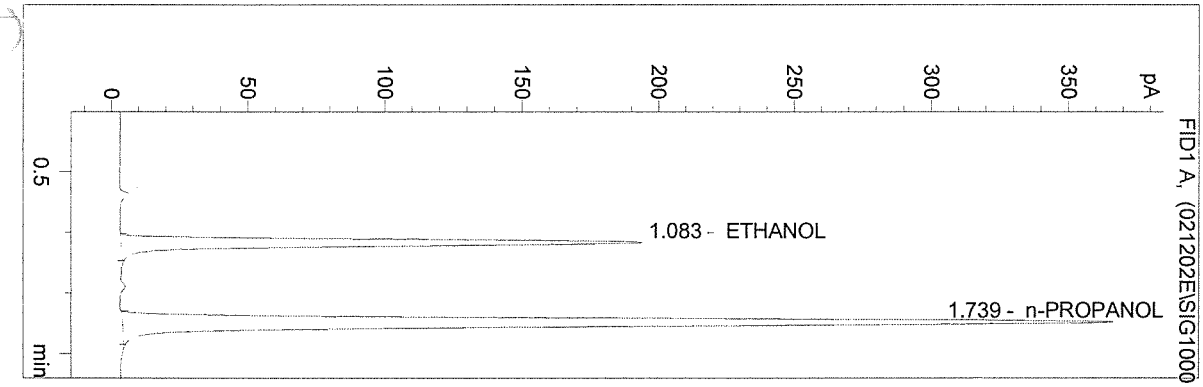
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 2:09:13 PM
Instrument 3
DB-ALC1

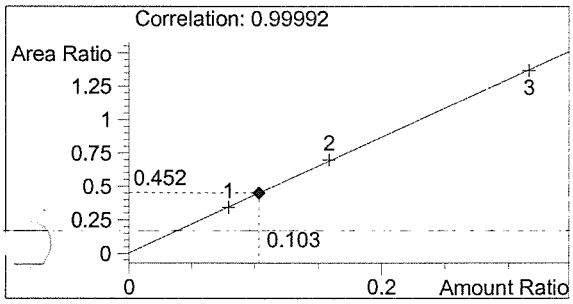
02006
ED FORMOSO

vial # 5

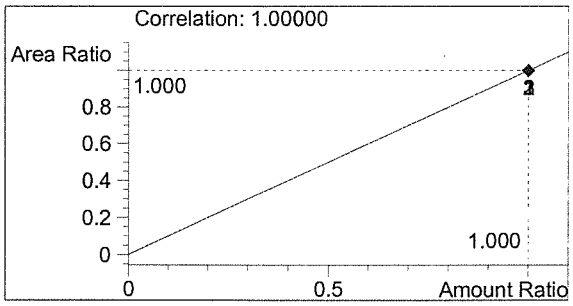


#	Compound	Area	RT
1	ETHANOL	741	1.083
2	n-PROPANOL	1639	1.739

Totals:



ETHANOL 0.103 mg/L



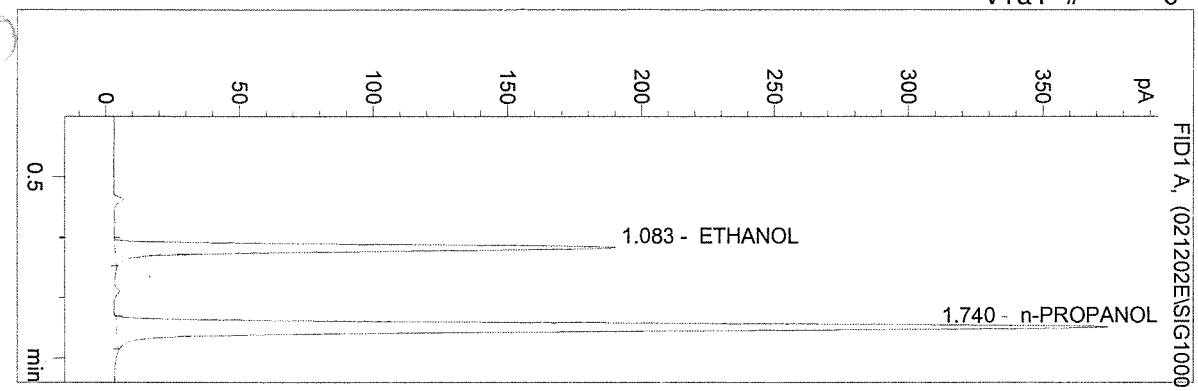
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/12/02 2:12:23 PM
Instrument 3
DB-ALC1

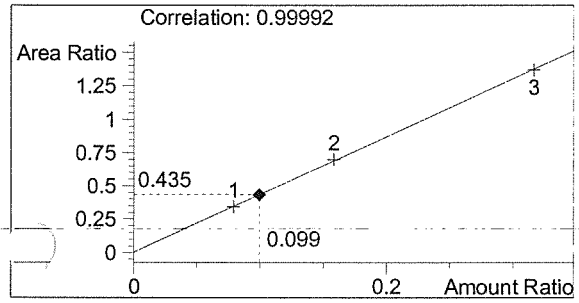
0.101 CAP
ED FORMOSO

vial # 6

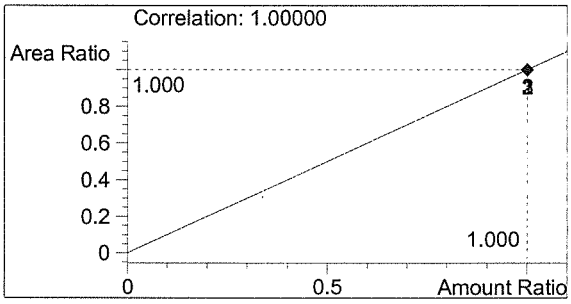


#	Compound	Area	RT
1	ETHANOL	736	1.083
2	n-PROPANOL	1692	1.740

Totals:



ETHANOL 0.099 mg/L



n-PROPANOL 1.000 mg/L

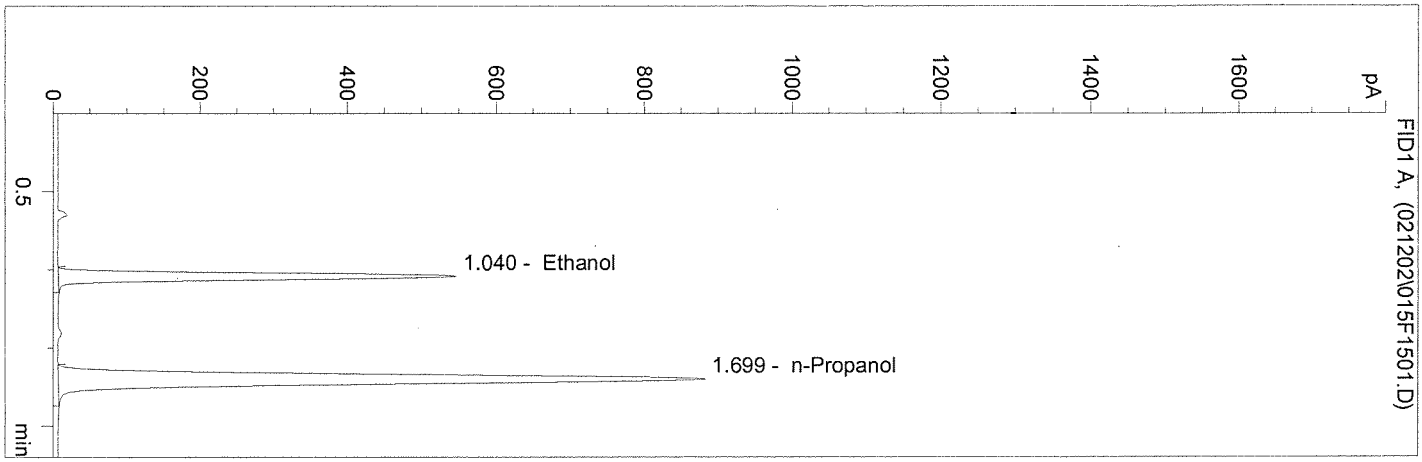
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/12/02 12:48:30 PM
Instrument 1
-ALC1

Calibrators in
ST 020834

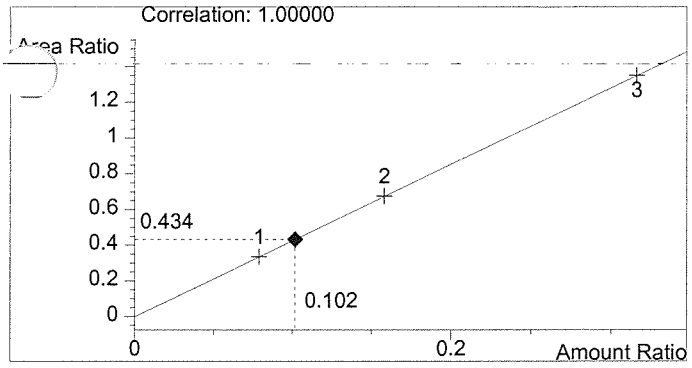
02006 Sim. Sol.
Estuardo J. Miranda

vial # 15

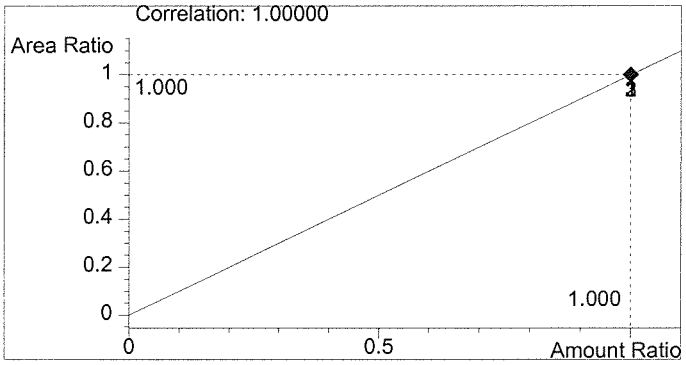


#	Compound	Area	RT
1	Ethanol	1577	1.040
2	n-Propanol	3632	1.699

Totals:



Ethanol 0.102 g/100ml



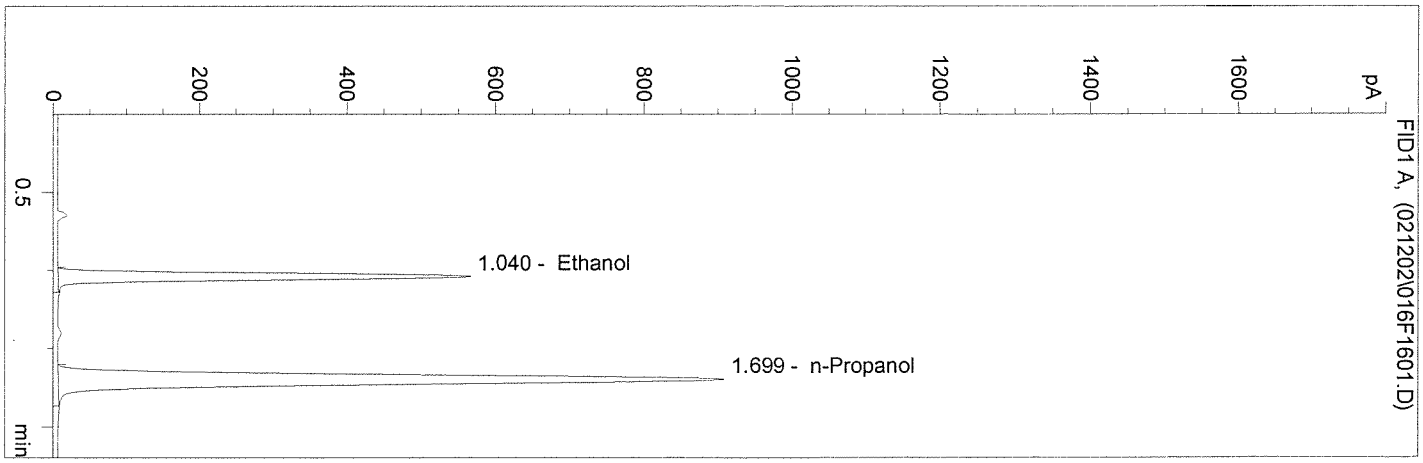
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/12/02 12:51:31 PM
Instrument 1
-ALC1

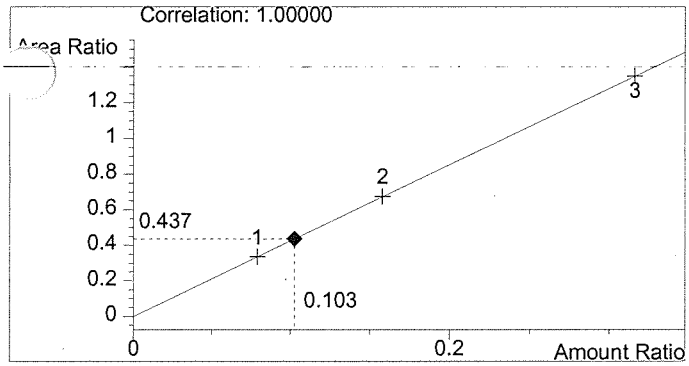
02006 Sim. Sol.
Estuardo J. Miranda

vial # 16

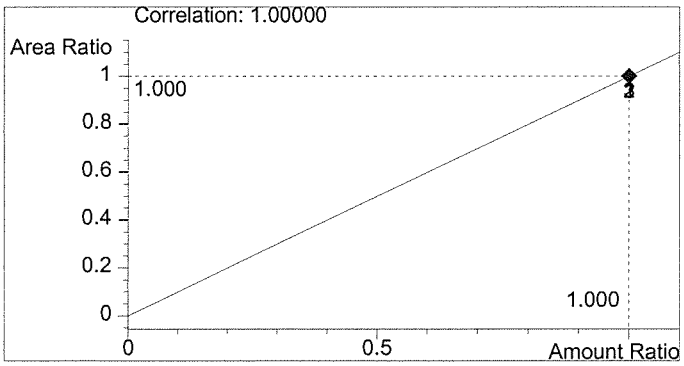


#	Compound	Area	RT
1	Ethanol	1637	1.040
2	n-Propanol	3743	1.699

Totals:



Ethanol 0.103 g/100ml



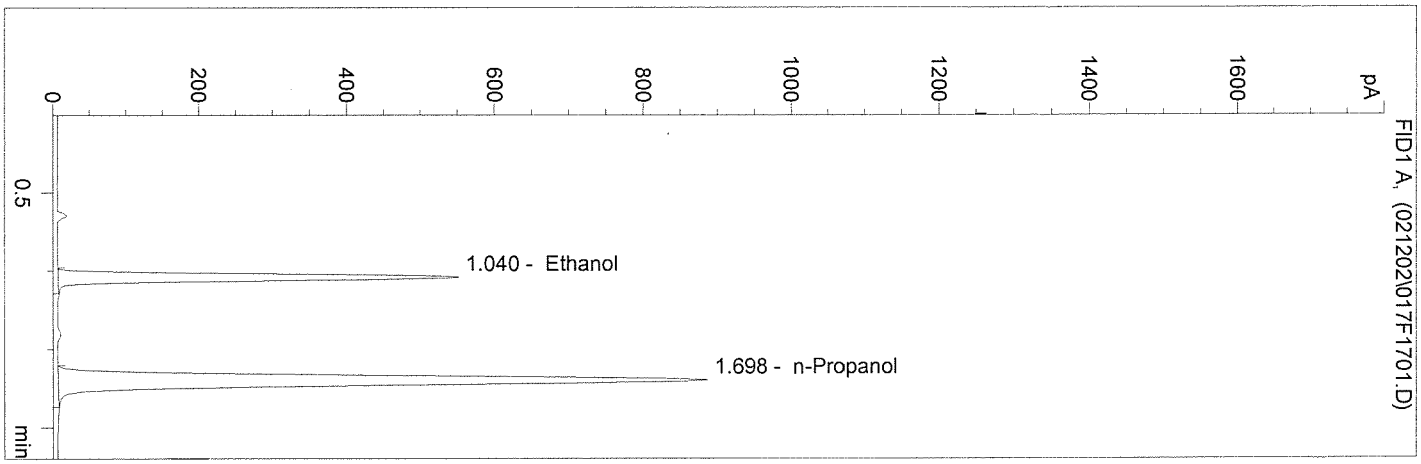
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

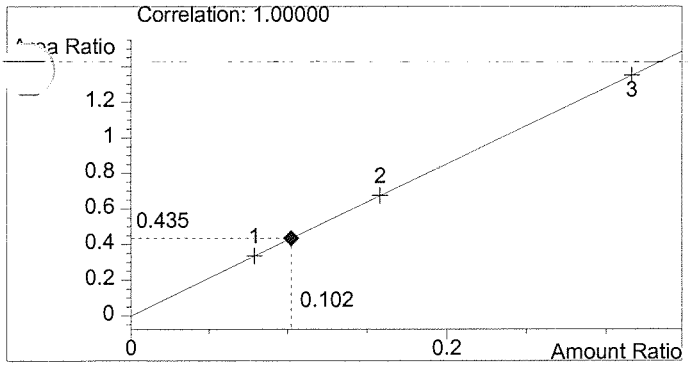
C:\HPCHEM\1\METHODS\BLDALCO.M
2/12/02 12:54:49 PM
Instrument 1
-ALC1

02006 Sim. Sol.
Estuardo J. Miranda

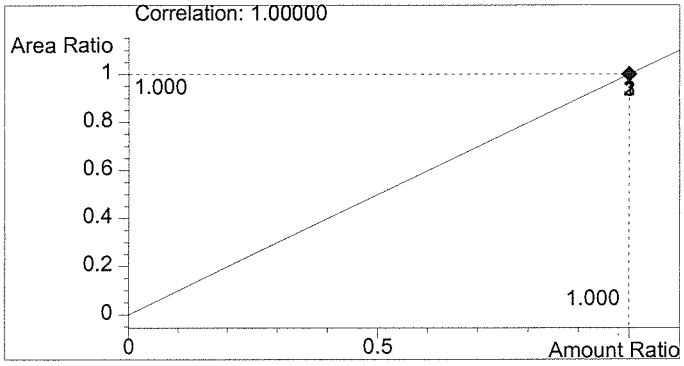
vial # 17



#	Compound	Area	RT
1	Ethanol	1584	1.040
2	n-Propanol	3639	1.698
Totals:			



Ethanol 0.102 g/100ml



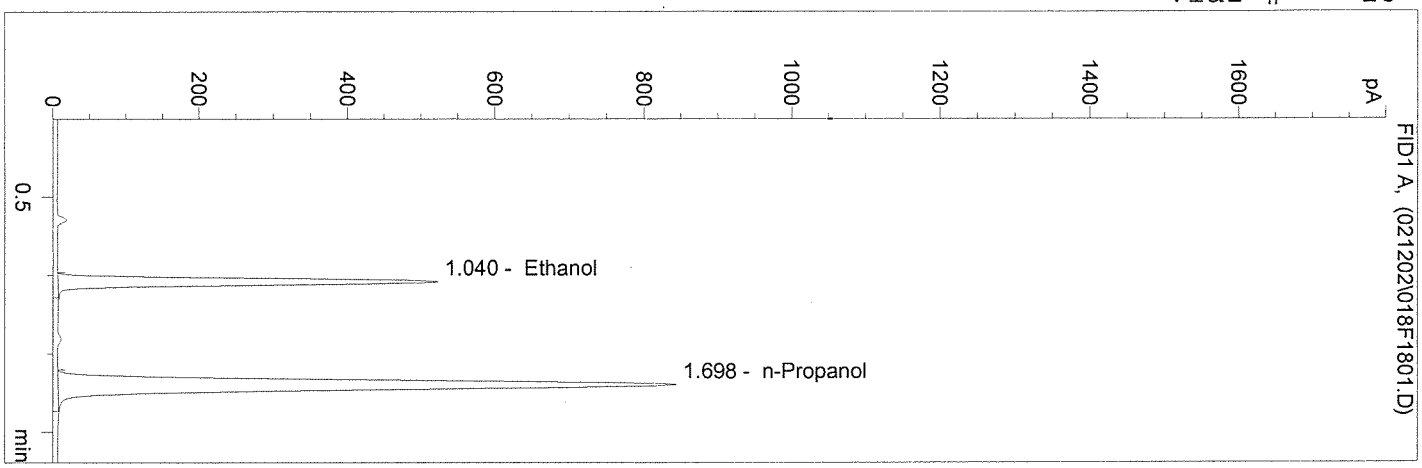
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/12/02 12:57:50 PM
Instrument 1
)-ALC1

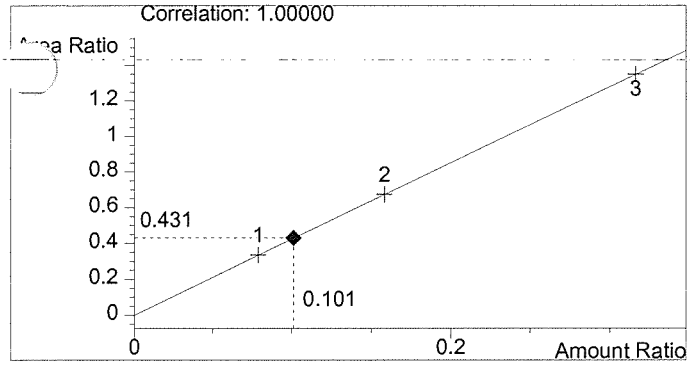
02006 Sim. Sol.
Estuardo J. Miranda

vial # 18

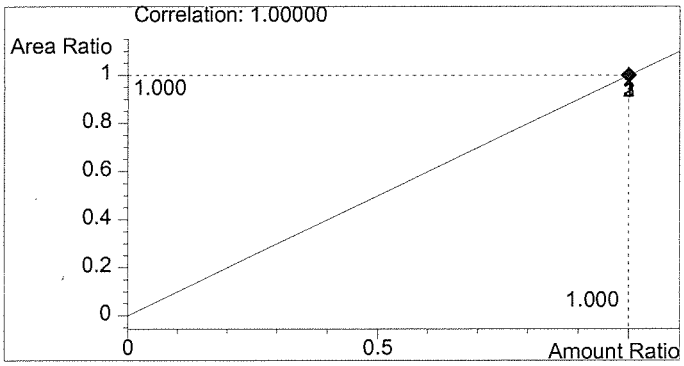


#	Compound	Area	RT
1	Ethanol	1498	1.040
2	n-Propanol	3472	1.698

Totals:



Ethanol 0.101 g/100ml



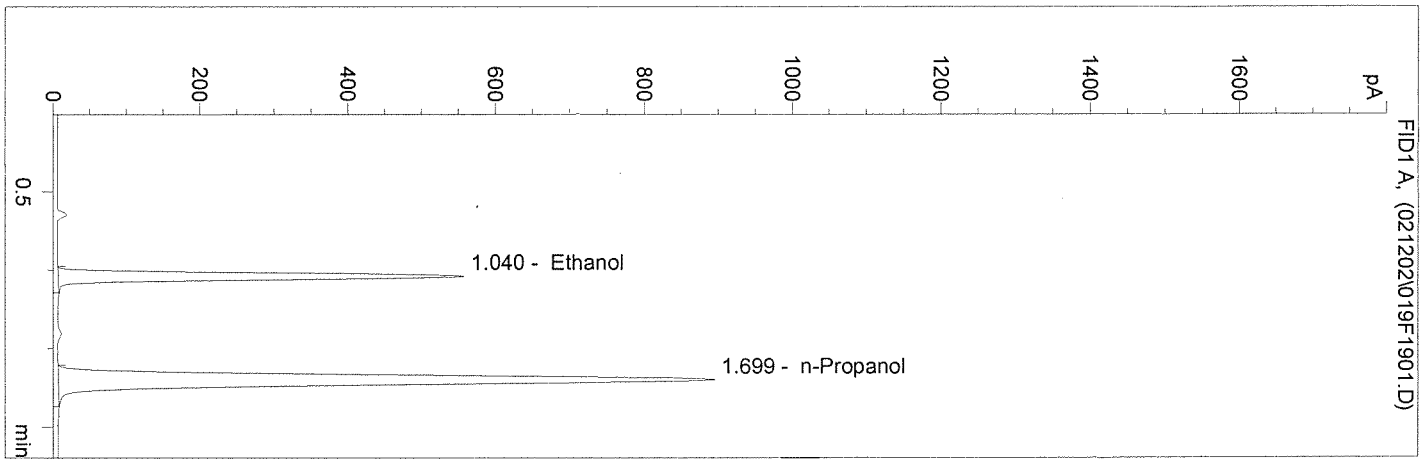
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/12/02 1:00:52 PM
Instrument 1
-ALC1

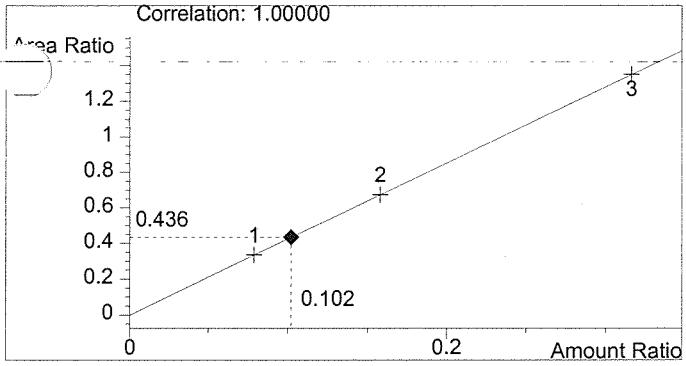
02006 Sim. Sol.
Estuardo J. Miranda

vial # 19

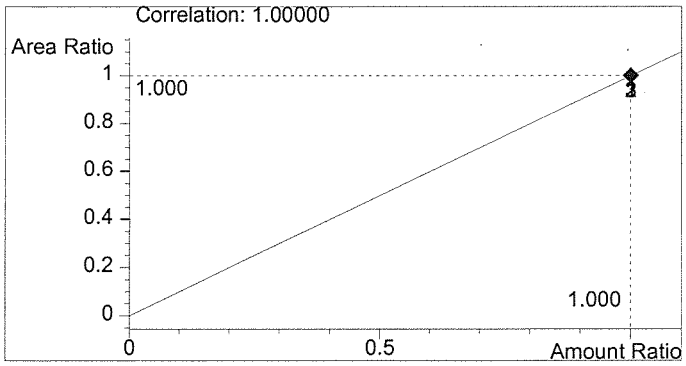


#	Compound	Area	RT
1	Ethanol	1604	1.040
2	n-Propanol	3682	1.699

Totals:



Ethanol 0.102 g/100ml



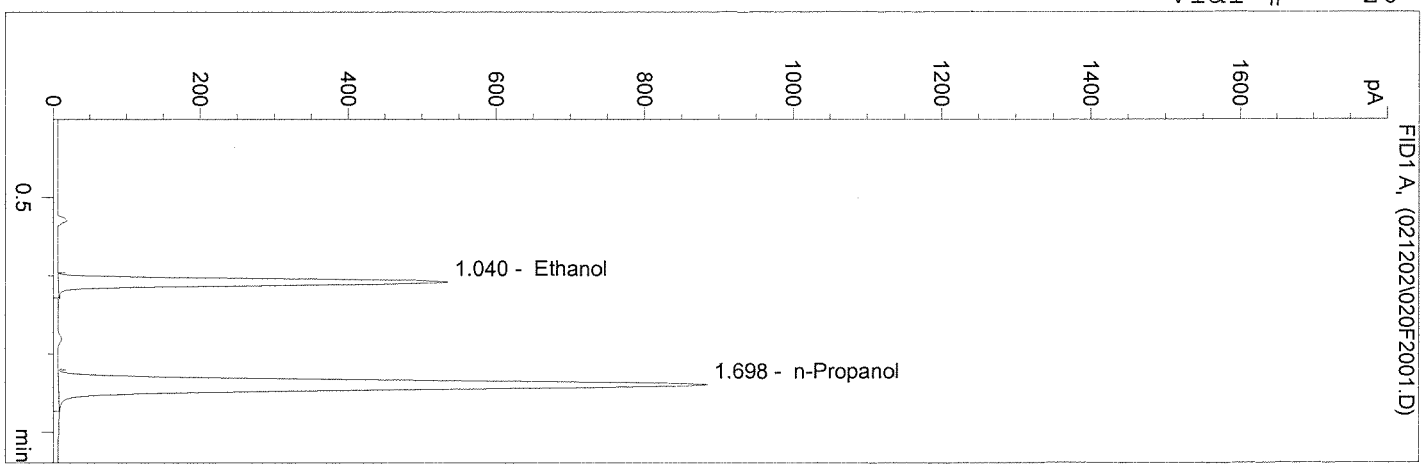
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/12/02 1:03:54 PM
Instrument 1
-ALC1

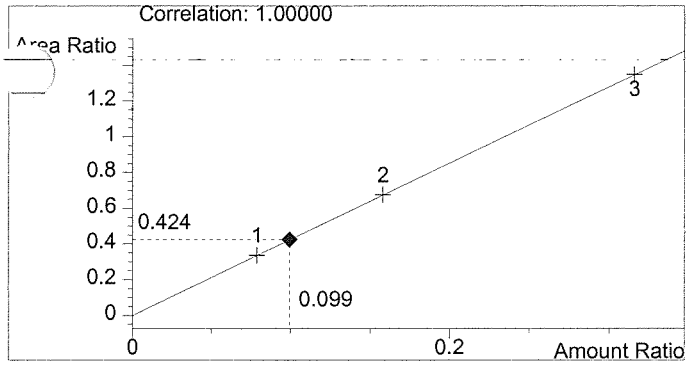
0.101 CAP Cont.
Estuardo J. Miranda

vial # 20

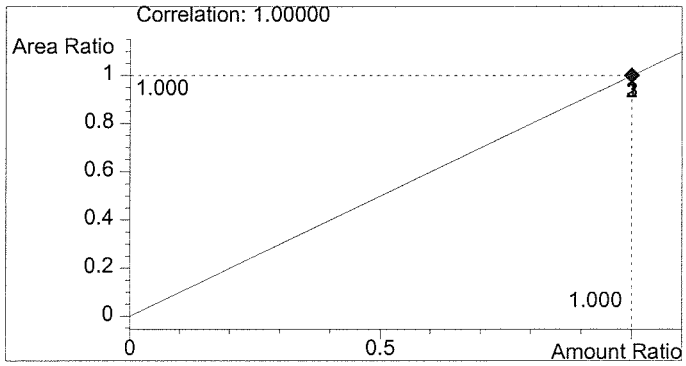


#	Compound	Area	RT
1	Ethanol	1542	1.040
2	n-Propanol	3638	1.698

Totals:



Ethanol 0.099 g/100ml

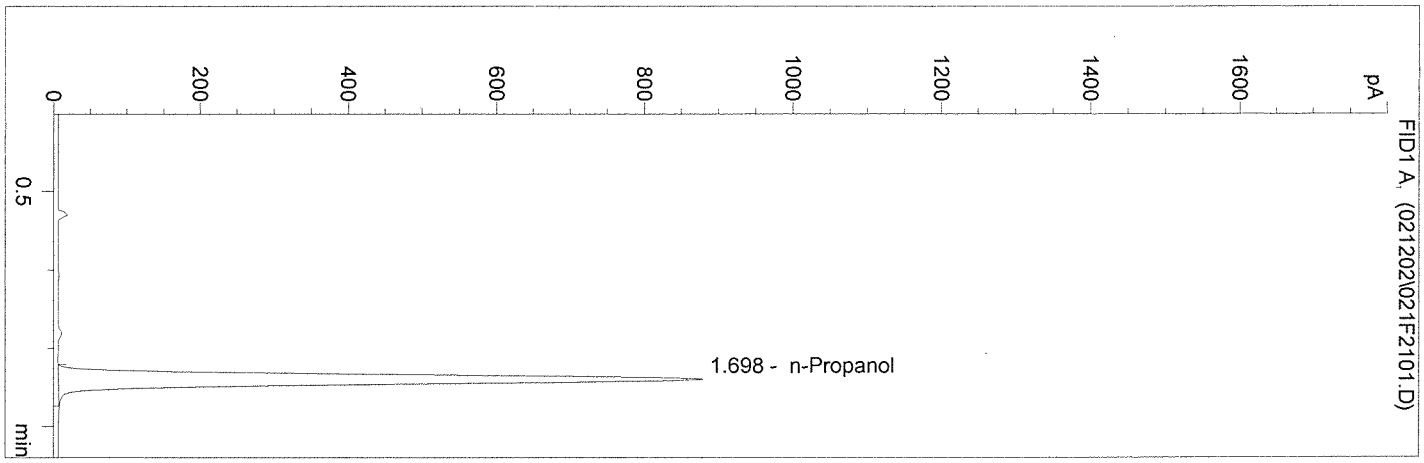


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/12/02 1:07:06 PM
Instrument 1
-ALC1

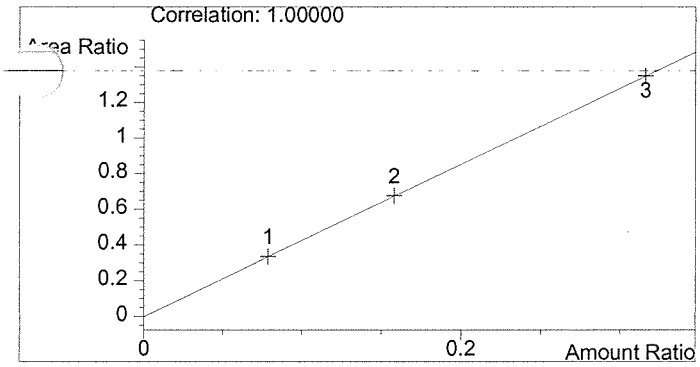
Blank
Estuardo J. Miranda

vial # 21

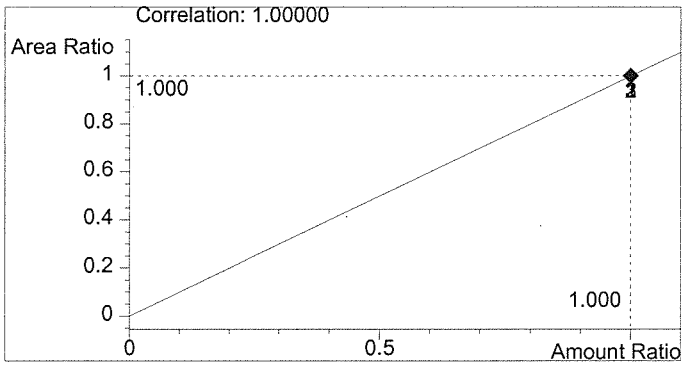


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3619	1.698

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

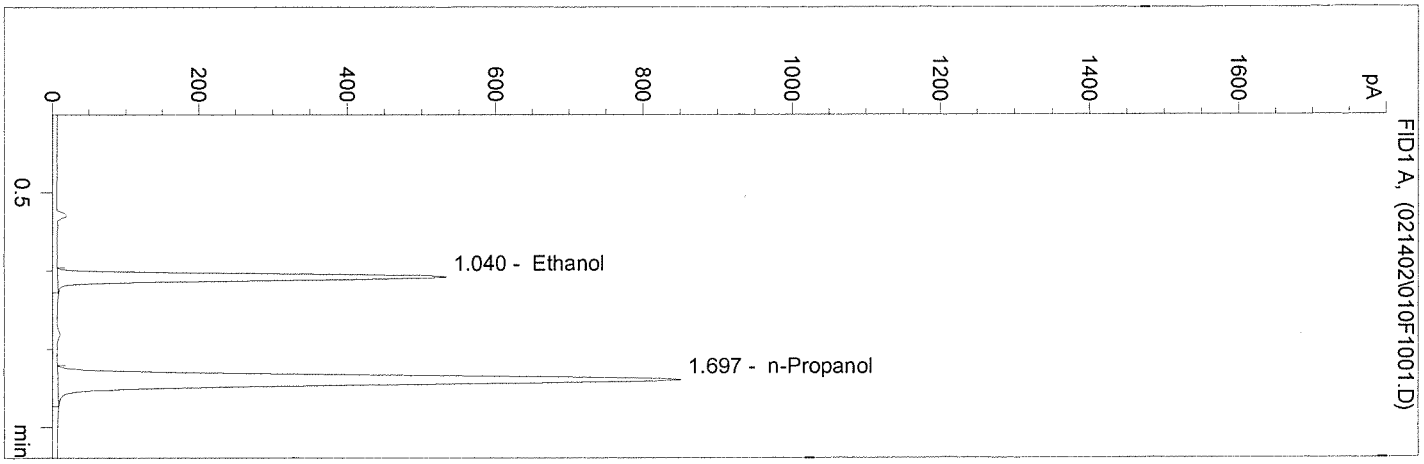
WASHINGTON STATE TOXICOLOGY LABORATORY

STD's + Control in 020930

C:\HPCHEM\1\METHODS\BLDALCO.M
2/14/02 12:03:33 PM
Instrument 1
DB-ALC1

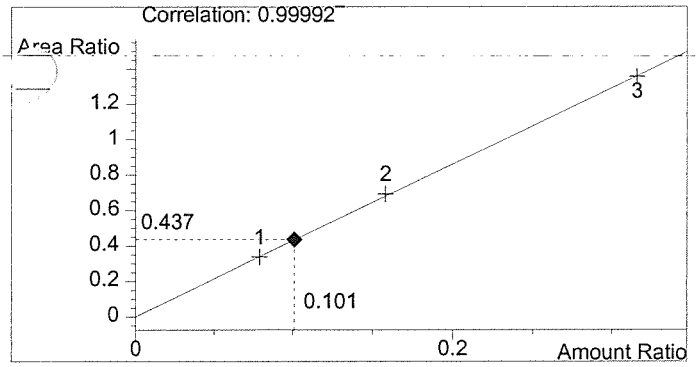
02006 SIM SOL
RUTH LUTHI

vial # 10

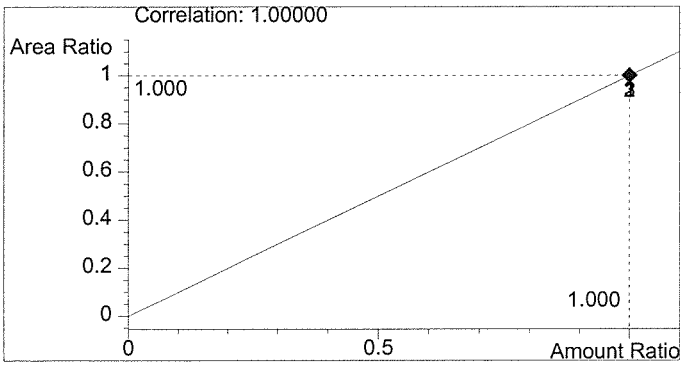


#	Compound	Area	RT
1	Ethanol	1533	1.040
2	n-Propanol	3507	1.697

Totals:



Ethanol 0.101 g/100ml

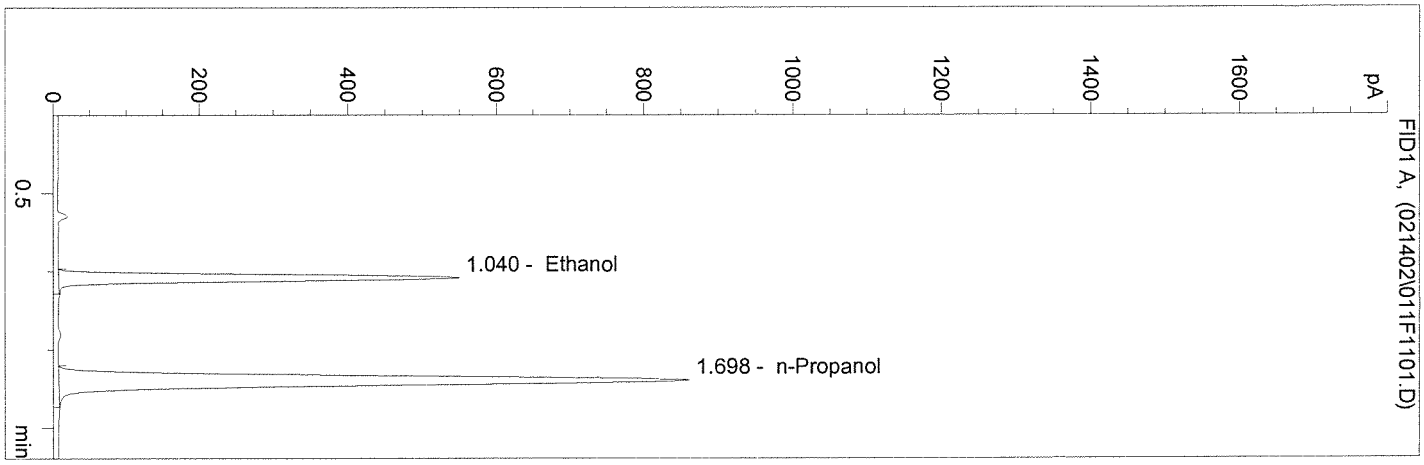


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/14/02 12:06:35 PM
Instrument 1
DB-ALC1

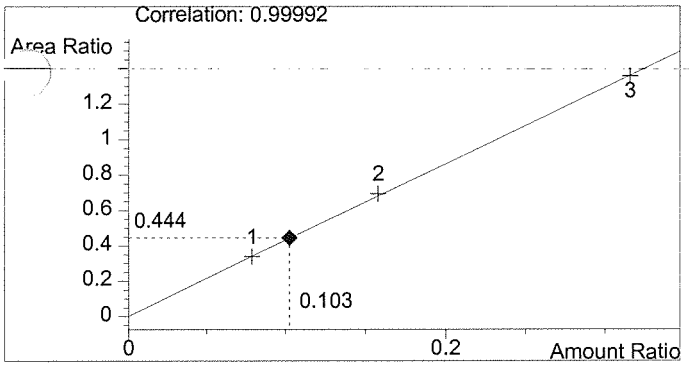
02006 SIM SOL
RUTH LUTHI

vial # 11

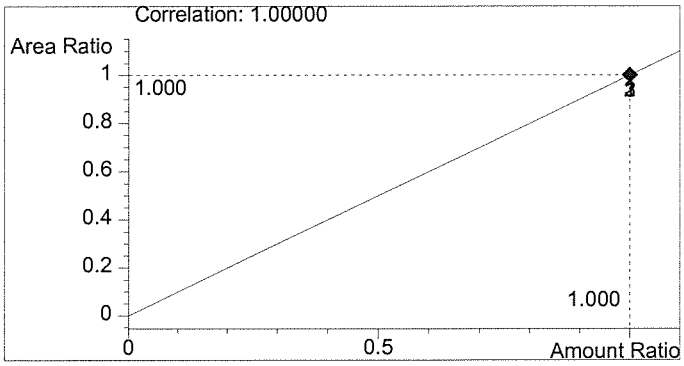


#	Compound	Area	RT
1	Ethanol	1575	1.040
2	n-Propanol	3547	1.698

Totals:



Ethanol 0.103 g/100ml



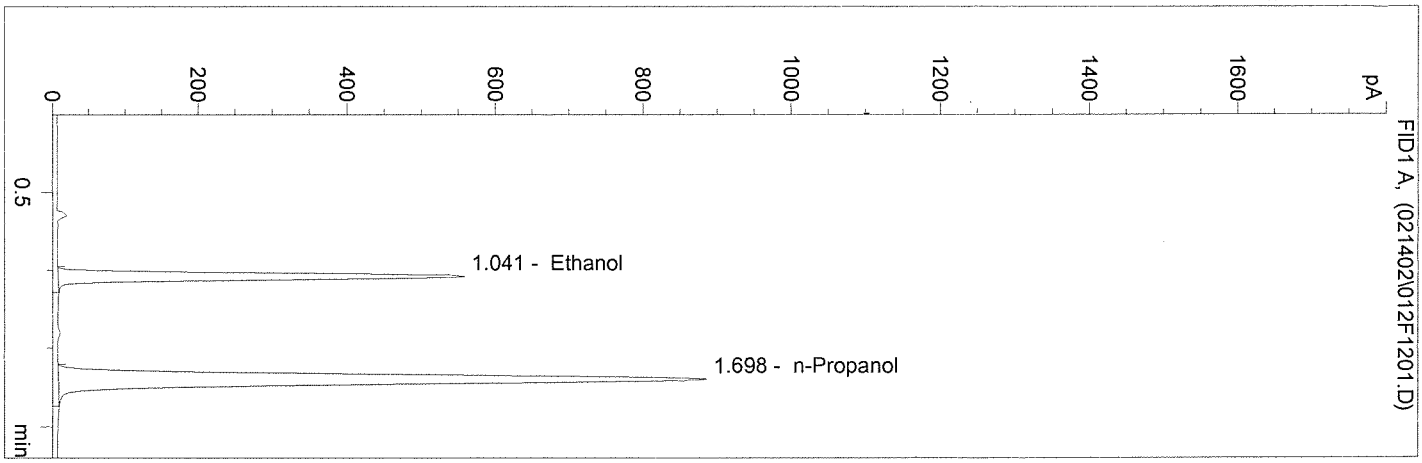
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/14/02 12:09:37 PM
Instrument 1
DB-ALC1

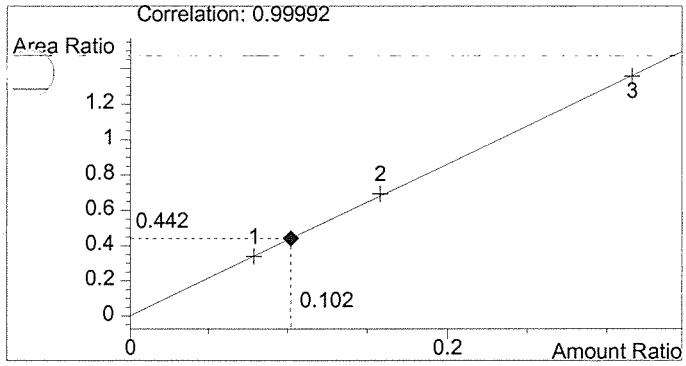
02006 SIM SOL
RUTH LUTHI

vial # 12

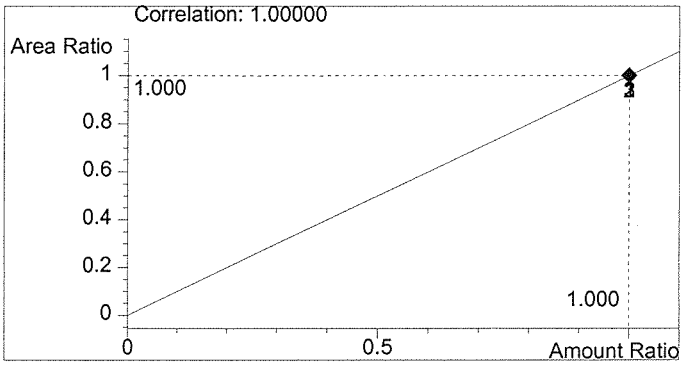


#	Compound	Area	RT
1	Ethanol	1612	1.041
2	n-Propanol	3649	1.698

Totals:



Ethanol 0.102 g/100ml

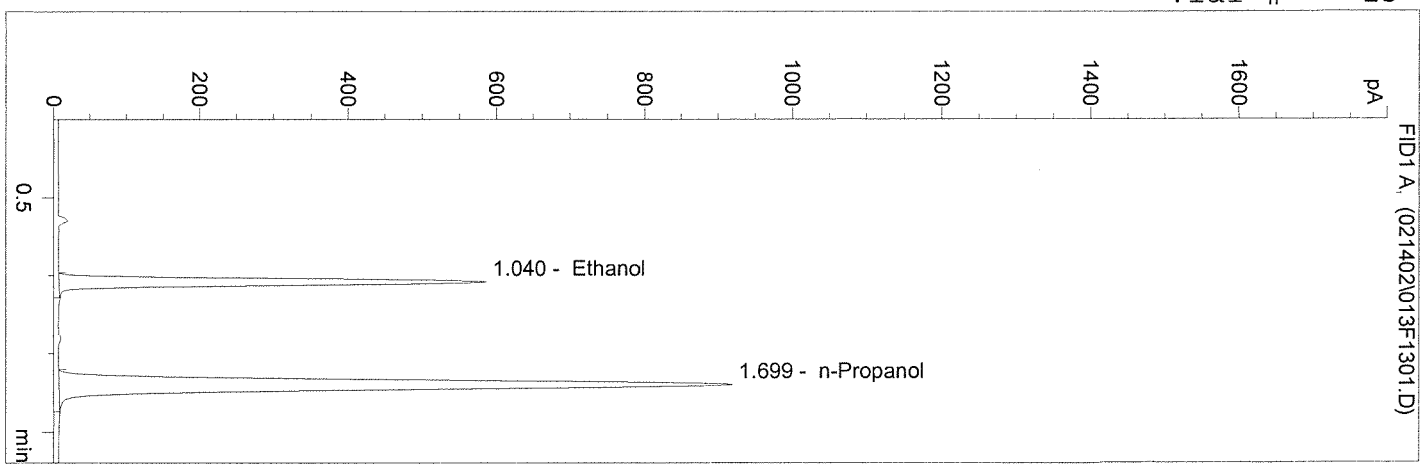


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/14/02 12:12:52 PM
Instrument 1
DB-ALC1

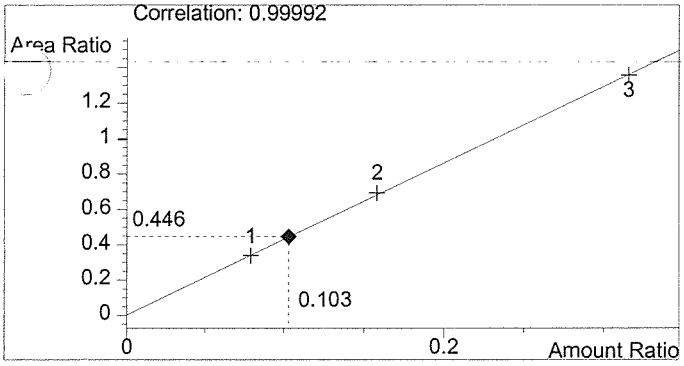
02006 SIM SOL
RUTH LUTHI

vial # 13

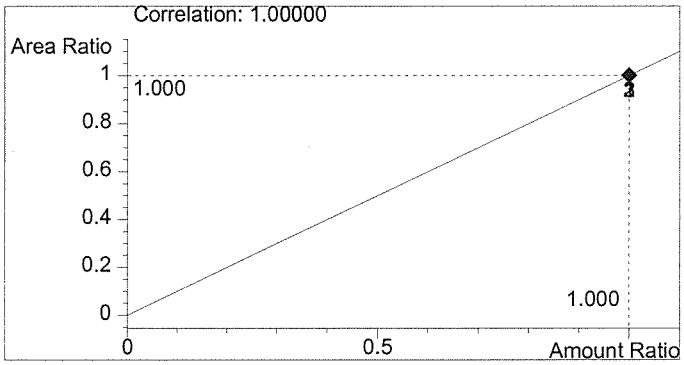


#	Compound	Area	RT
1	Ethanol	1689	1.040
2	n-Propanol	3787	1.699

Totals:



Ethanol 0.103 g/100ml



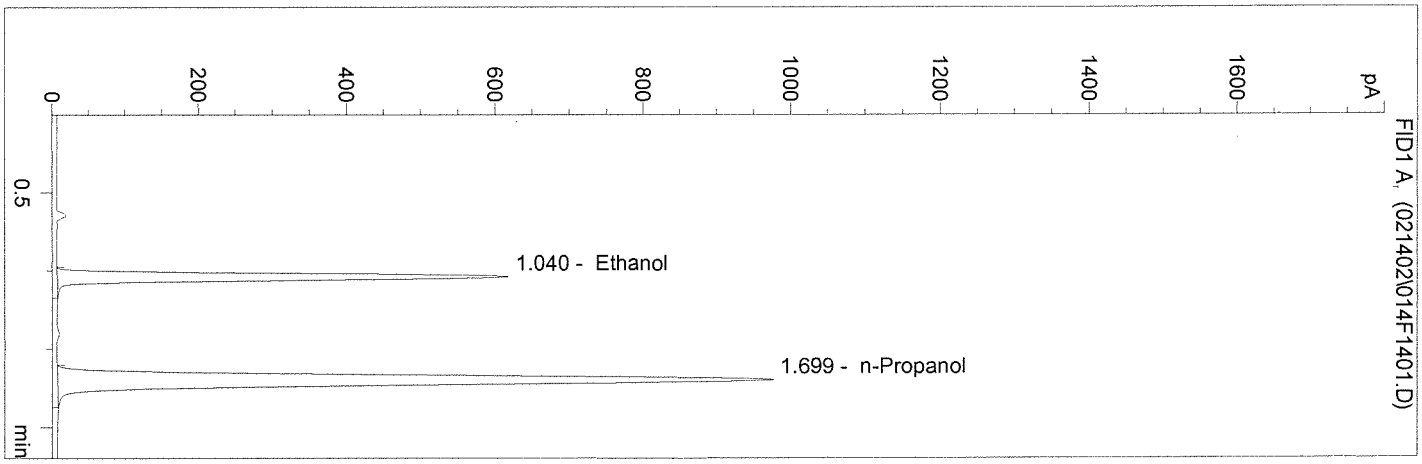
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/14/02 12:15:54 PM
Instrument 1
DB-ALC1

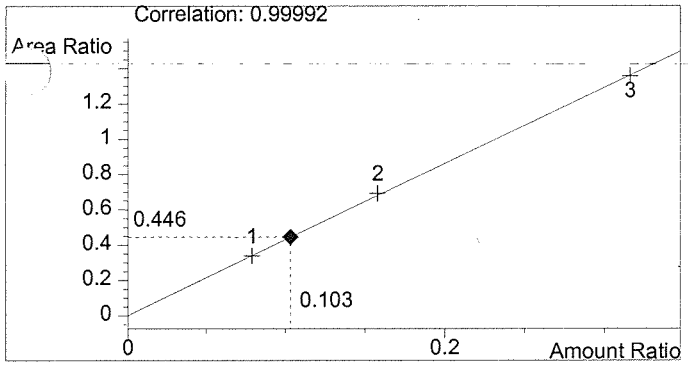
02006 SIM SOL
RUTH LUTHI

vial # 14

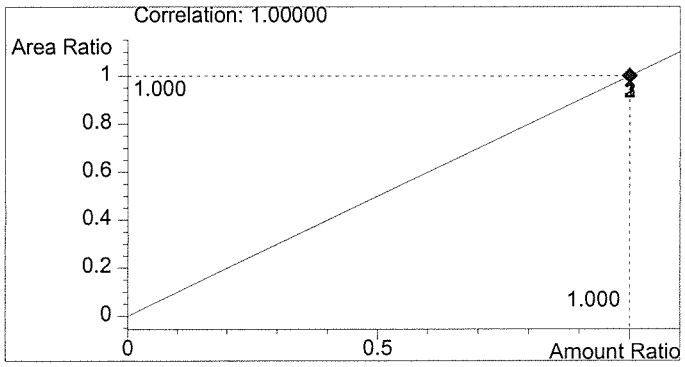


#	Compound	Area	RT
1	Ethanol	1795	1.040
2	n-Propanol	4021	1.699

Totals:



Ethanol 0.103 g/100ml



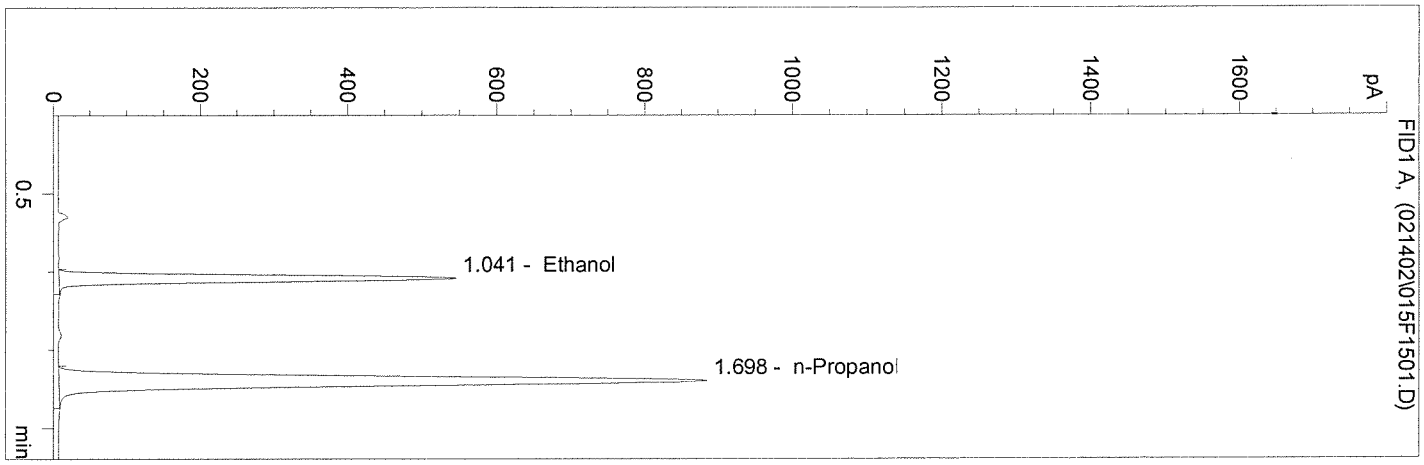
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

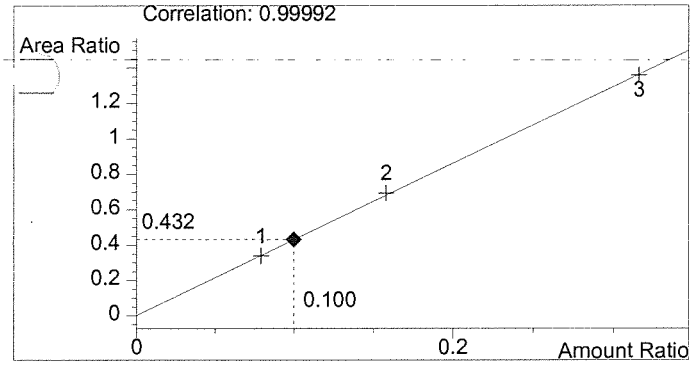
C:\HPCHEM\1\METHODS\BLDALCO.M
2/14/02 12:18:55 PM
Instrument 1
DB-ALC1

0.101 CAP
RUTH LUTHI

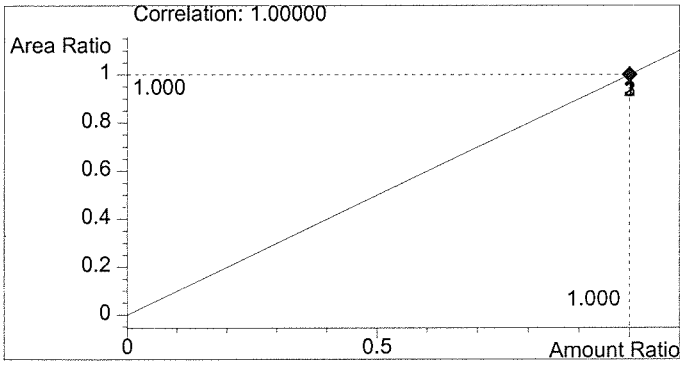
vial # 15



#	Compound	Area	RT
1	Ethanol	1575	1.041
2	n-Propanol	3646	1.698
Totals:			



Ethanol 0.100 g/100ml



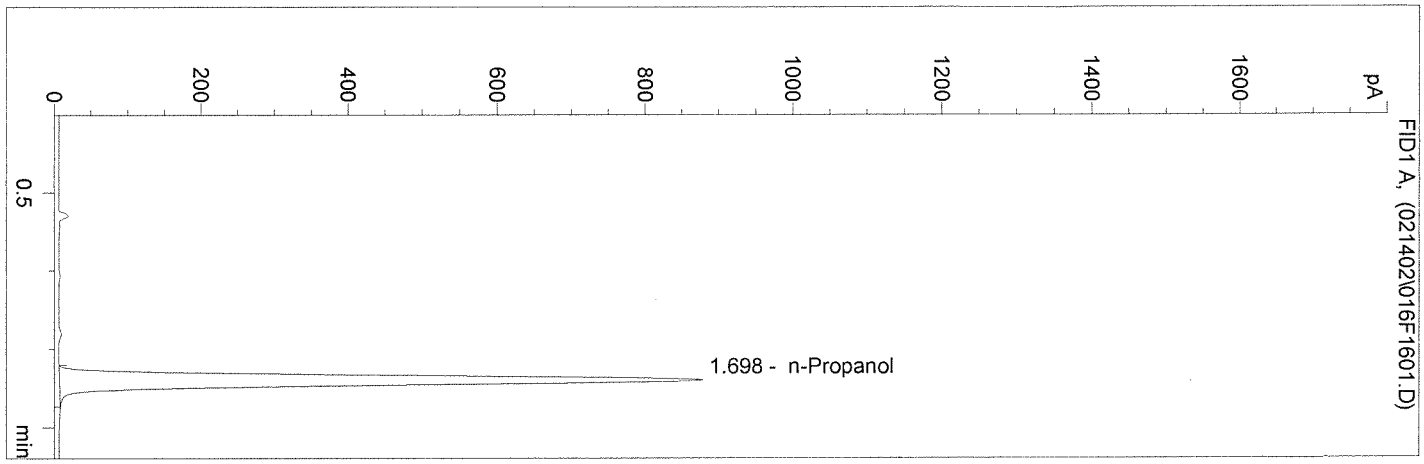
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/14/02 12:21:57 PM
Instrument 1
DB-ALC1

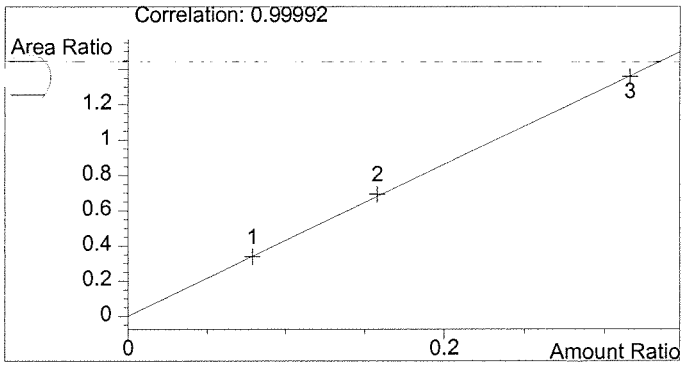
BLANK
RUTH LUTHI

vial # 16

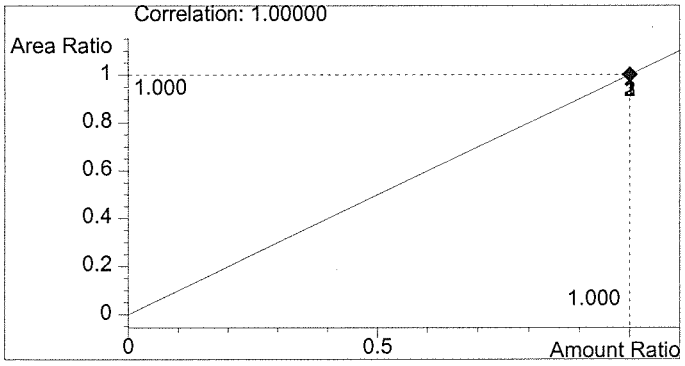


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3610	1.698

Totals:



Ethanol 0.000 g/100ml



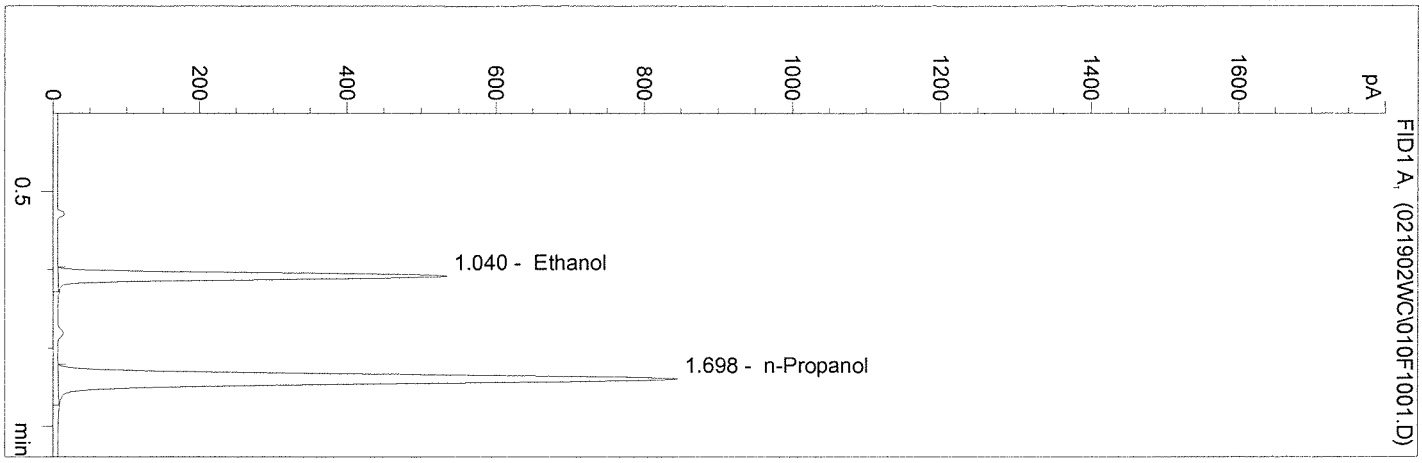
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:43:30 PM
Instrument 1
ALC1

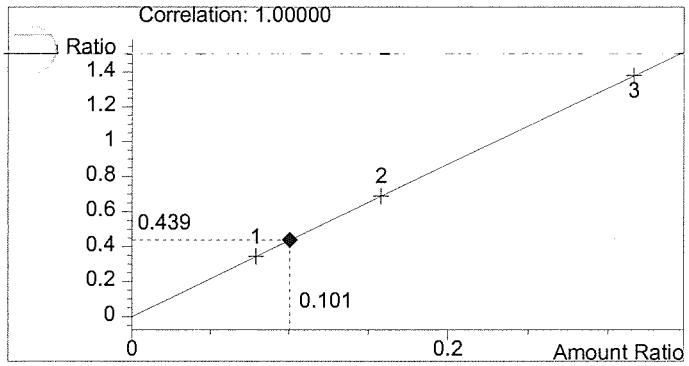
SIM 02006 -1
WP MARSHALL

vial # 10

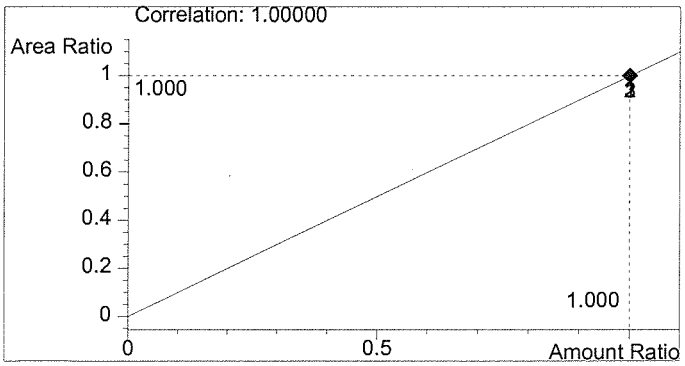


#	Compound	Area	RT
1	Ethanol	1524	1.040
2	n-Propanol	3472	1.698

Totals:



Ethanol 0.101 g/100ml

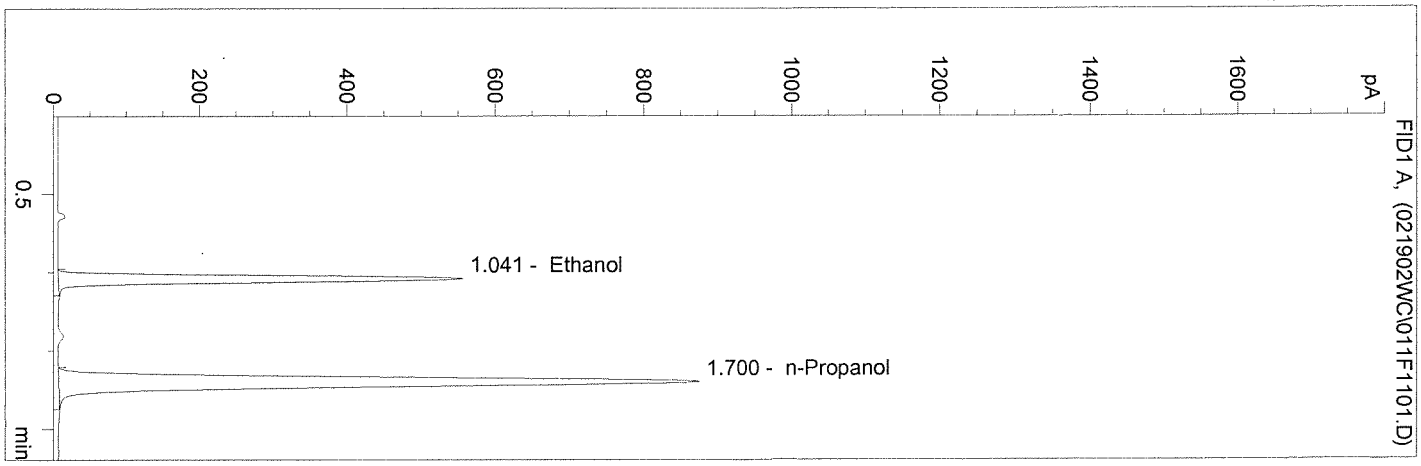


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:46:32 PM
Instrument 1
ALC1

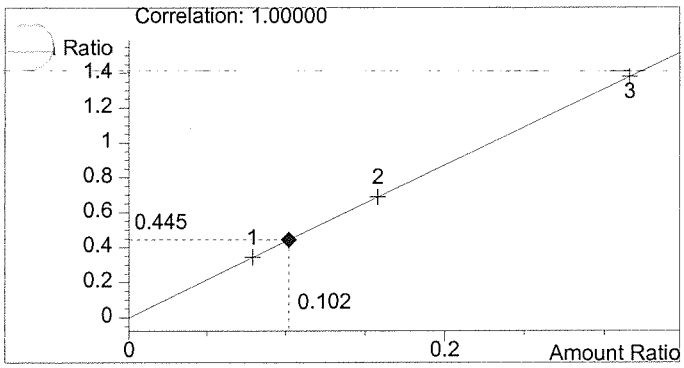
SIM 02006 -2
WP MARSHALL

vial # 11

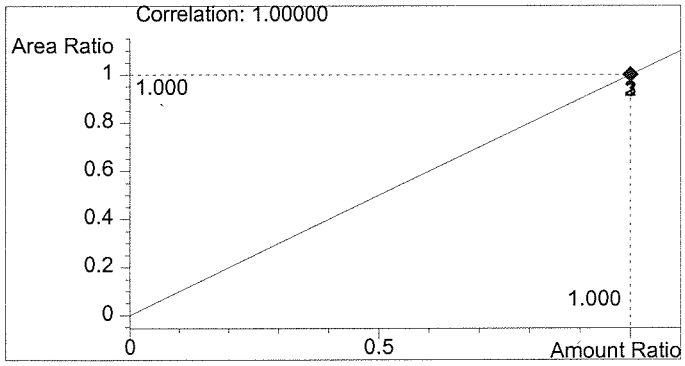


#	Compound	Area	RT
1	Ethanol	1603	1.041
2	n-Propanol	3602	1.700

Totals:



Ethanol 0.102 g/100ml

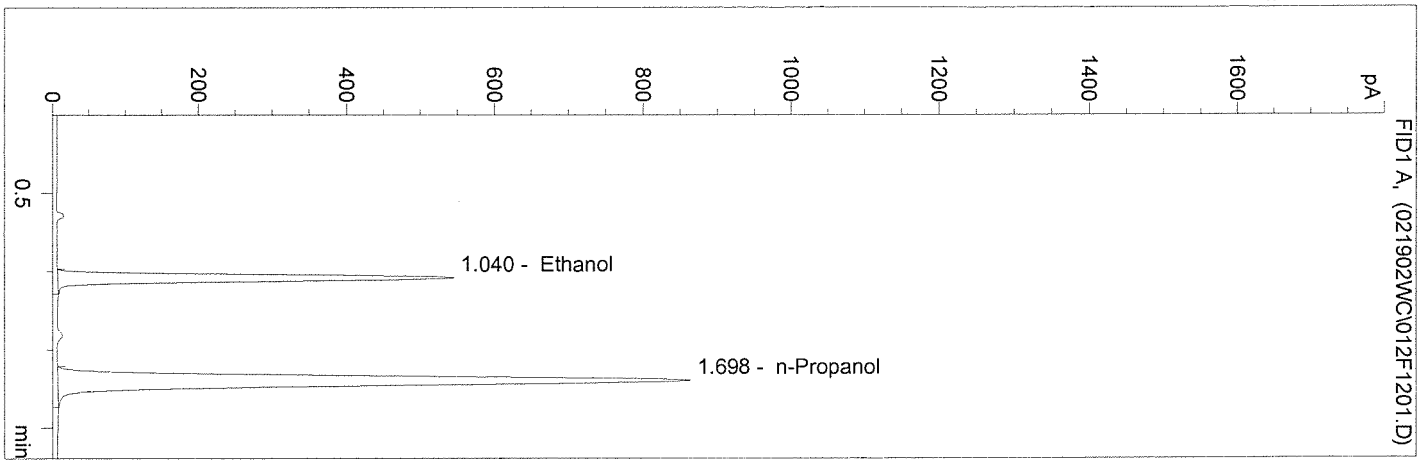


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:49:33 PM
Instrument 1
ALC1

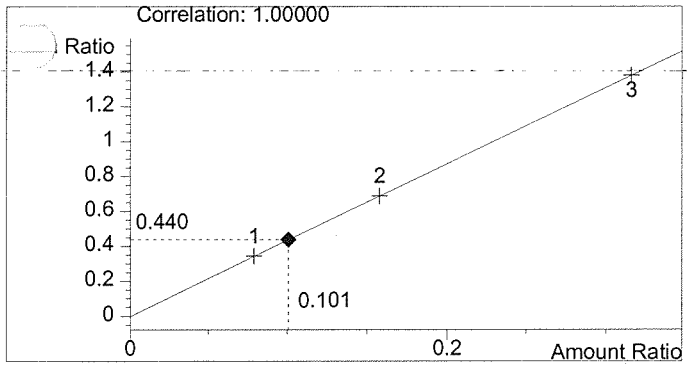
SIM 02006 -3
WP MARSHALL

vial # 12

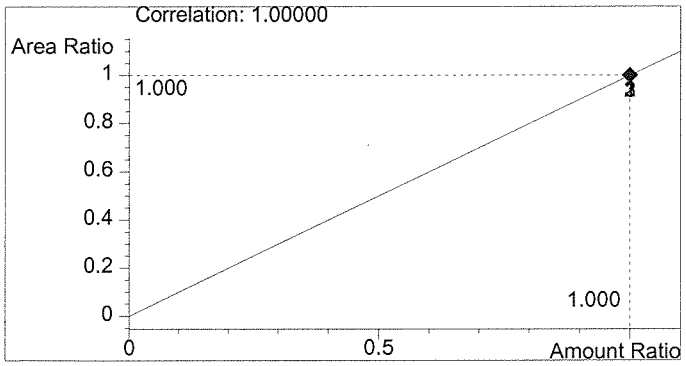


#	Compound	Area	RT
1	Ethanol	1562	1.040
2	n-Propanol	3548	1.698

Totals:



Ethanol 0.101 g/100ml



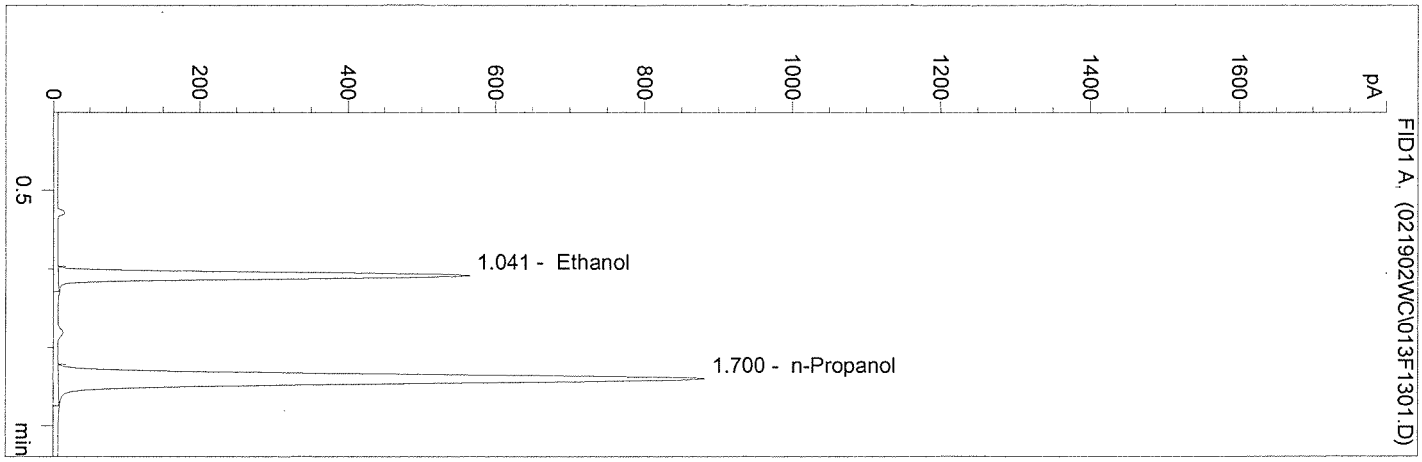
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:53:02 PM
Instrument 1
ALC1

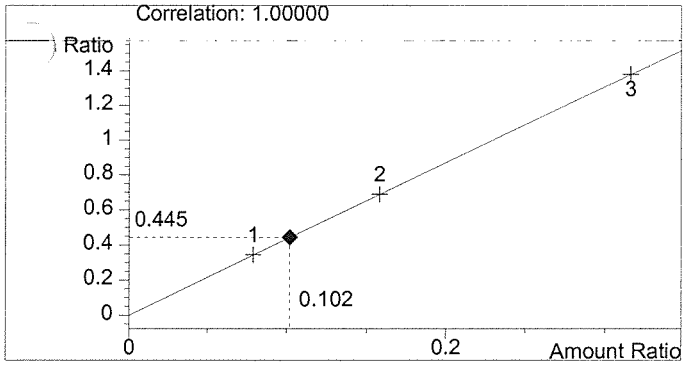
SIM 02006 -4
WP MARSHALL

vial # 13

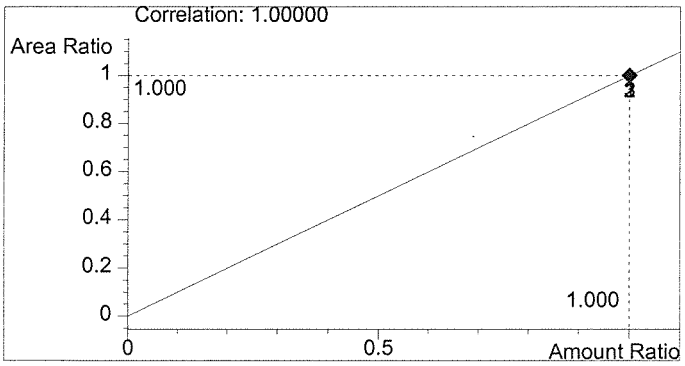


#	Compound	Area	RT
1	Ethanol	1609	1.041
2	n-Propanol	3613	1.700

Totals:



Ethanol 0.102 g/100ml

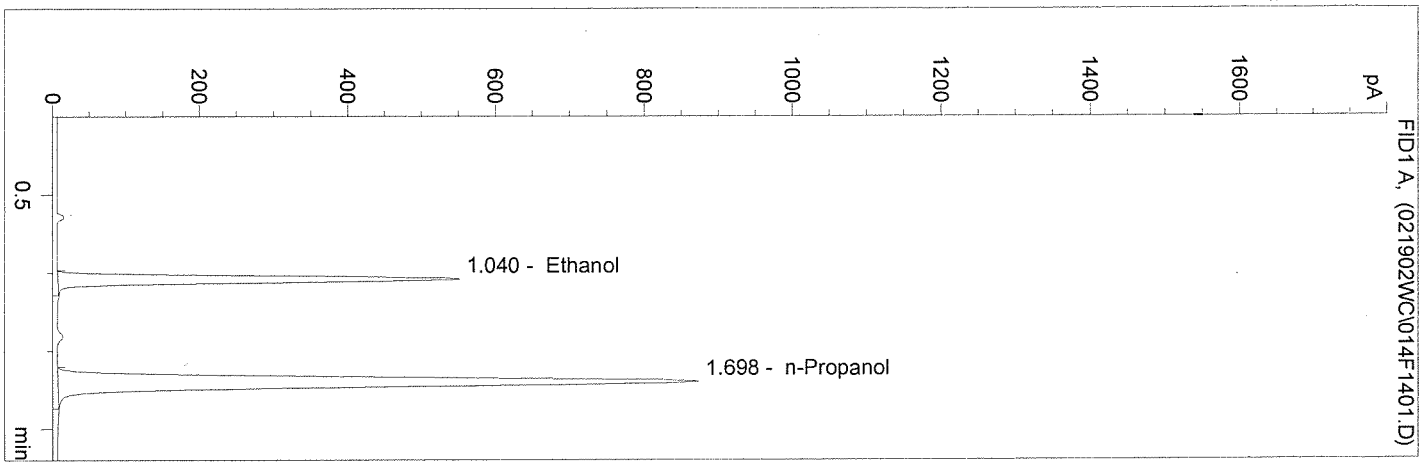


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:56:04 PM
Instrument 1
ALC1

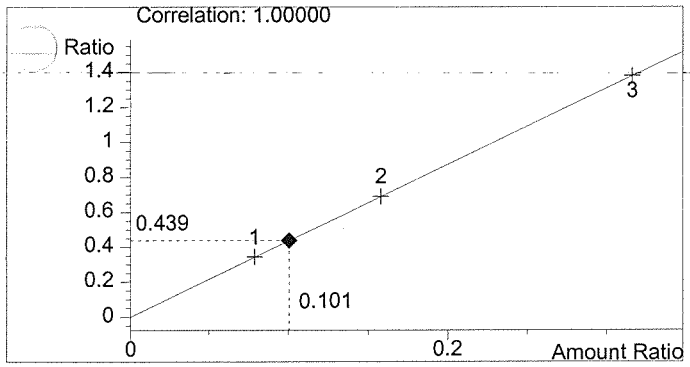
SIM 02006 -5
WP MARSHALL

vial # 14

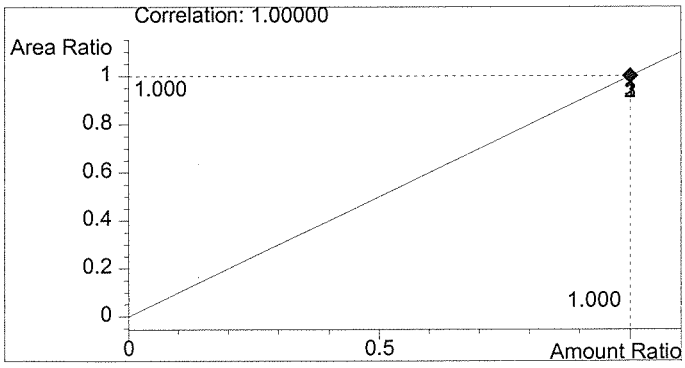


#	Compound	Area	RT
1	Ethanol	1575	1.040
2	n-Propanol	3585	1.698

Totals:



Ethanol 0.101 g/100ml



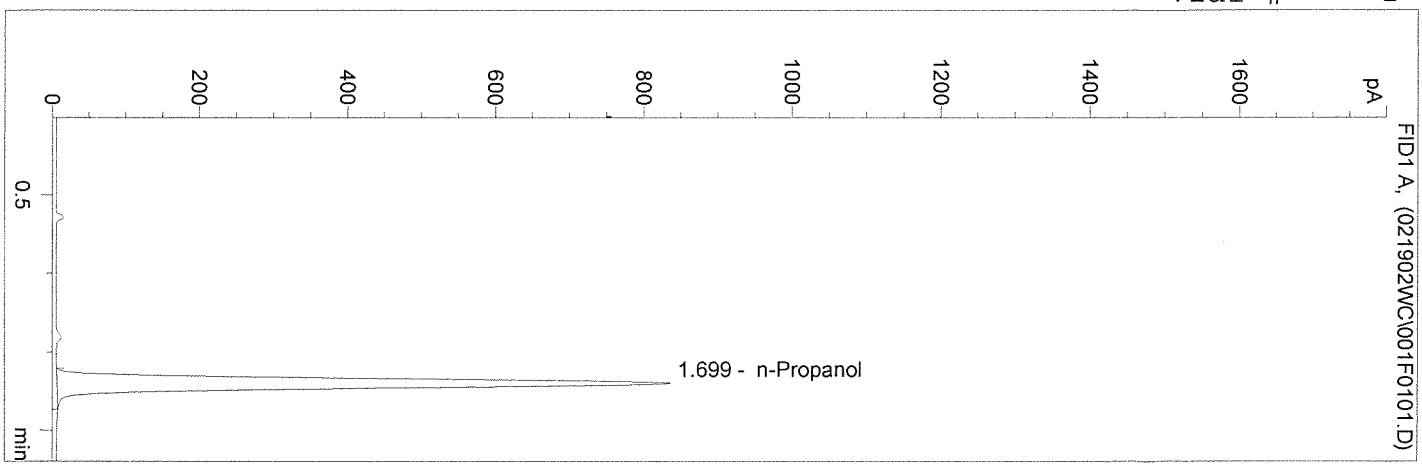
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:15:05 PM
Instrument 1
-ALC1

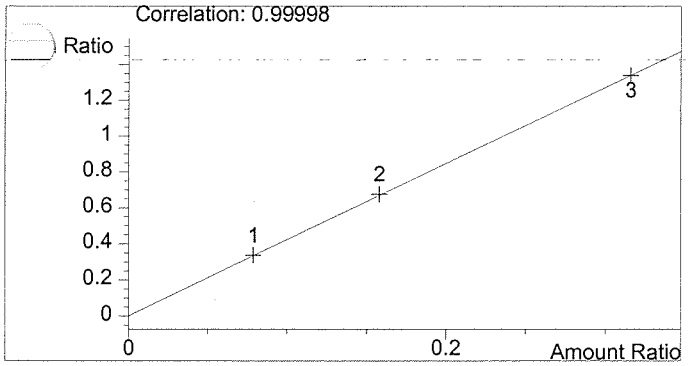
BLANK
WP MARSHALL

vial # 1

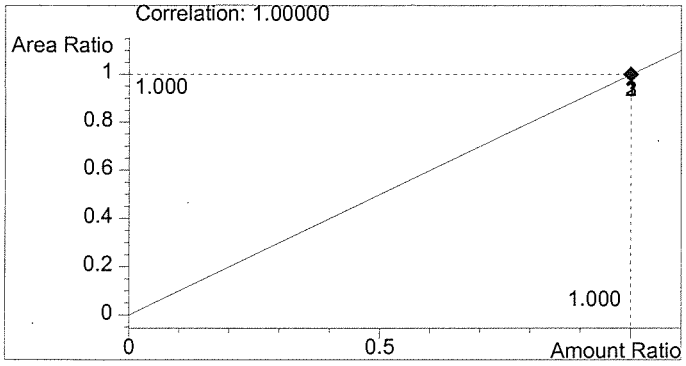


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3433	1.699

Totals:



Ethanol 0.000 g/100ml



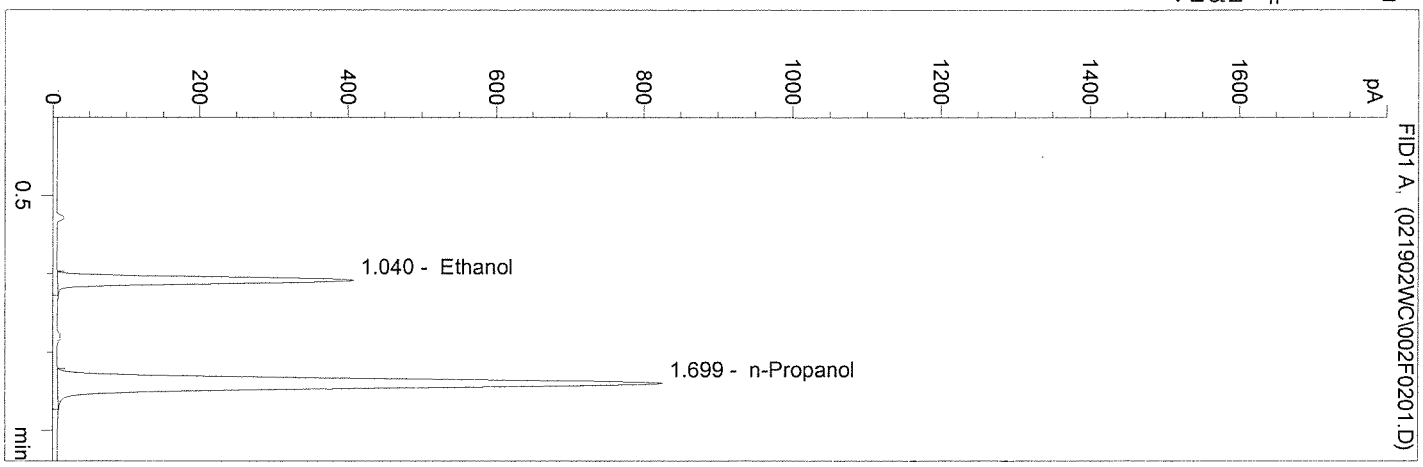
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:18:07 PM
Instrument 1
-ALC1

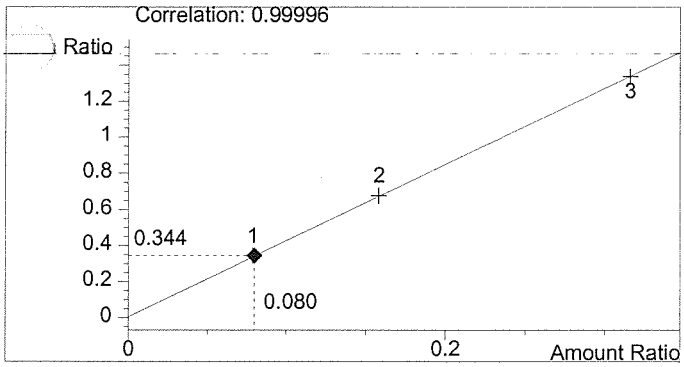
0.079 CALIBRATOR
WP MARSHALL

vial # 2

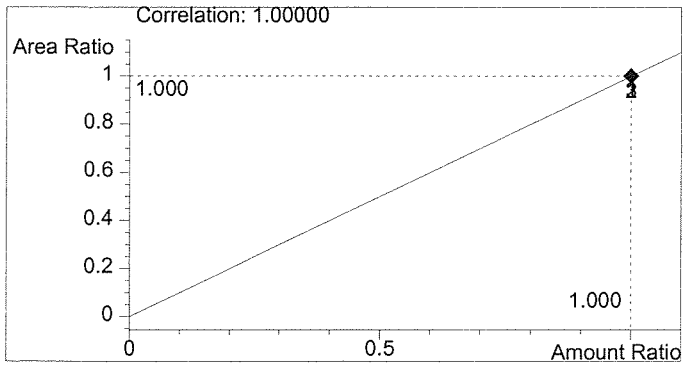


#	Compound	Area	RT
1	Ethanol	1170	1.040
2	n-Propanol	3396	1.699

Totals:



Ethanol 0.080 g/100ml



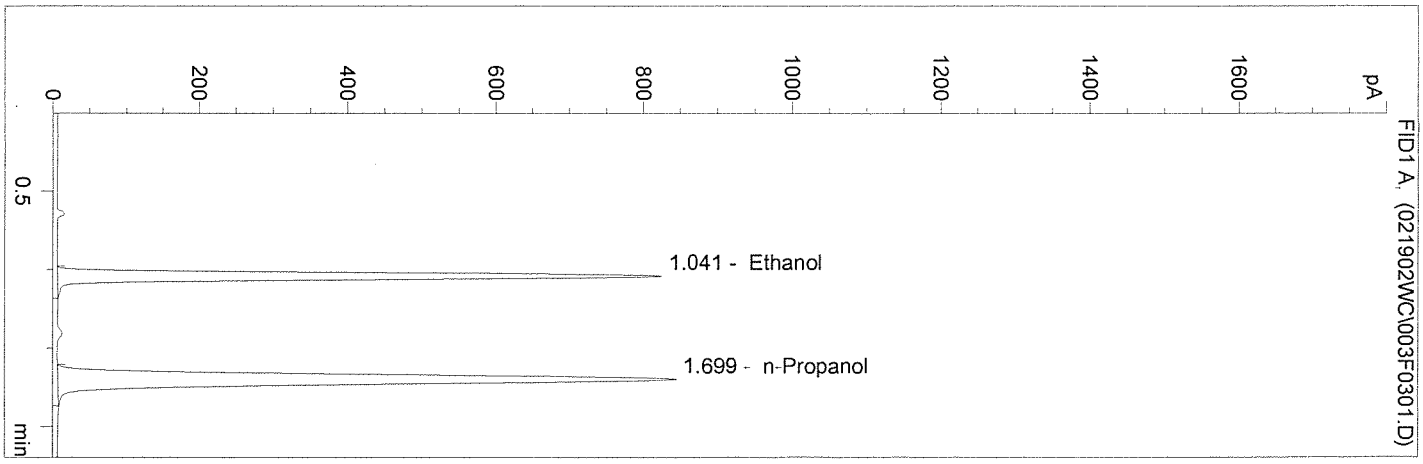
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:21:08 PM
Instrument 1
-ALC1

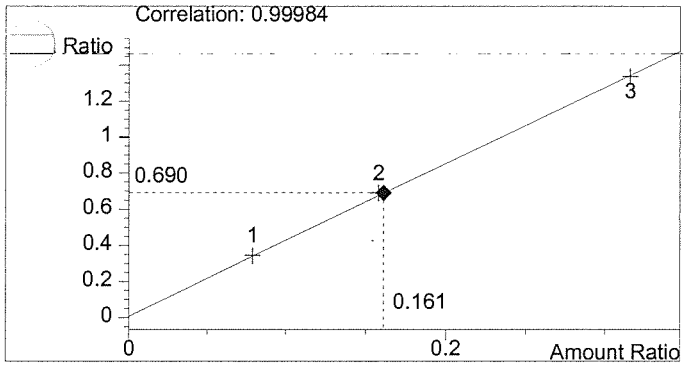
0.158 CALIBRATOR
WP MARSHALL

vial # 3

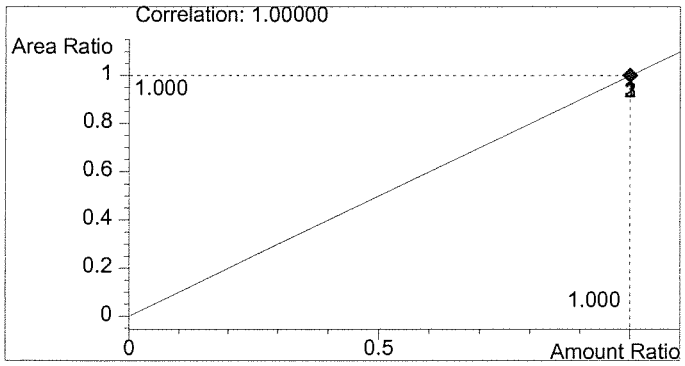


#	Compound	Area	RT
1	Ethanol	2400	1.041
2	n-Propanol	3477	1.699

Totals:



Ethanol 0.161 g/100ml



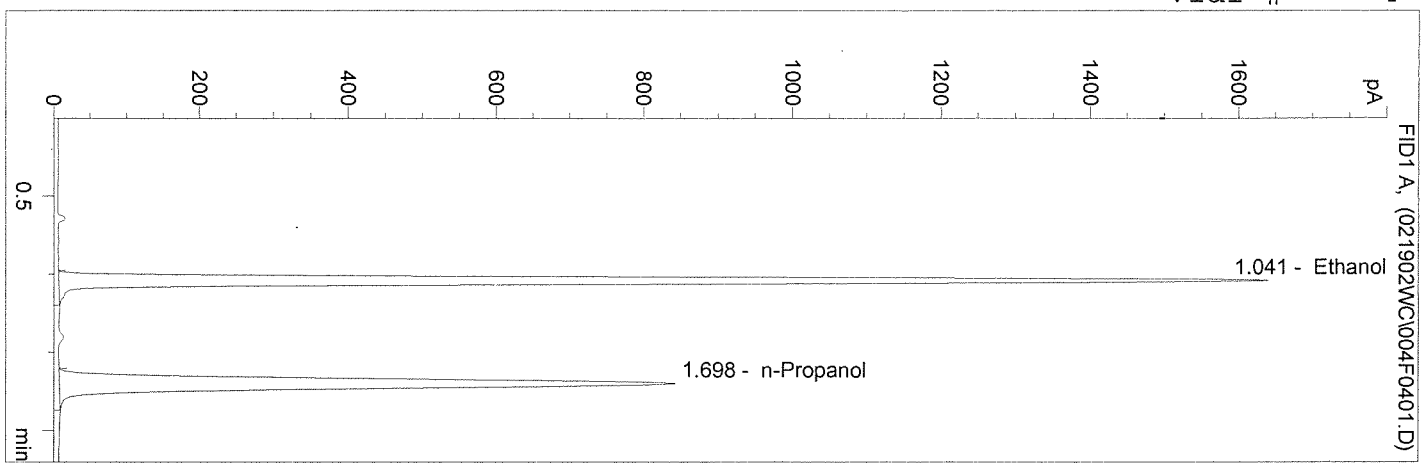
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:24:10 PM
Instrument 1
-ALC1

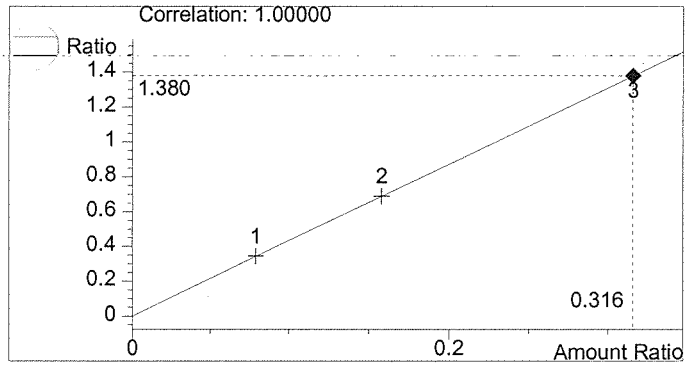
0.316 CALIBRATOR
WP MARSHALL

vial # 4

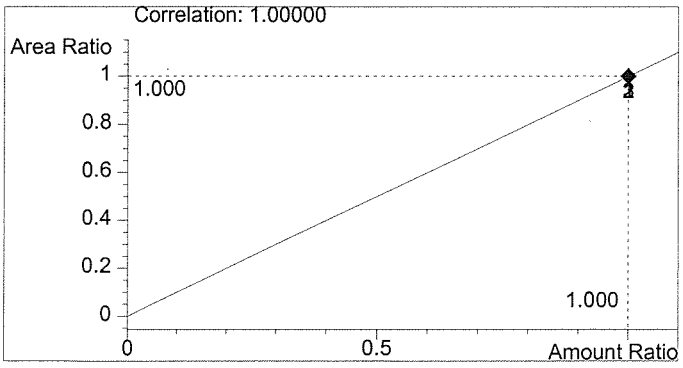


#	Compound	Area	RT
1	Ethanol	4771	1.041
2	n-Propanol	3458	1.698

Totals:



Ethanol 0.316 g/100ml



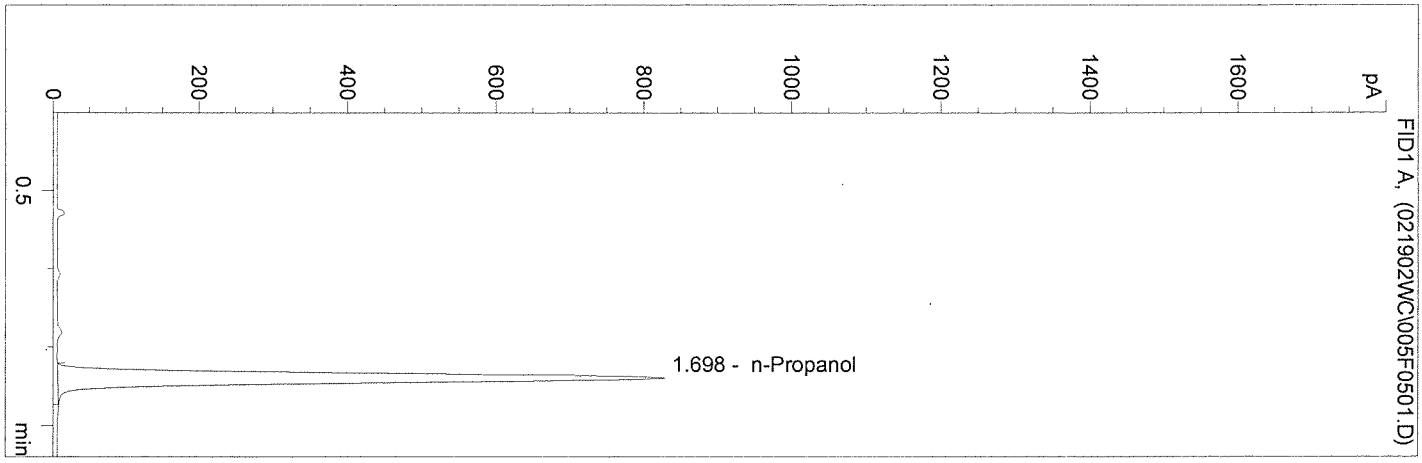
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:27:47 PM
Instrument 1
ALC1

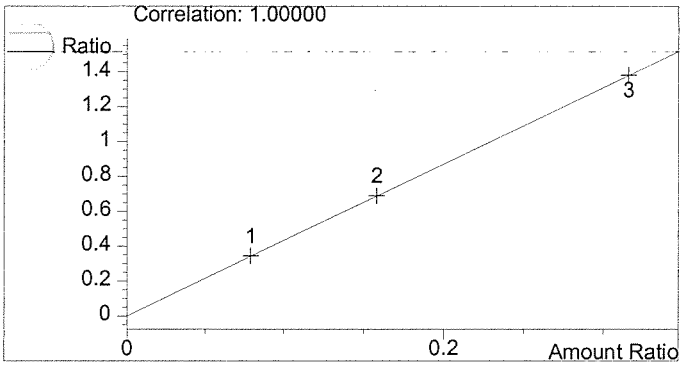
BLANK
WP MARSHALL

vial # 5

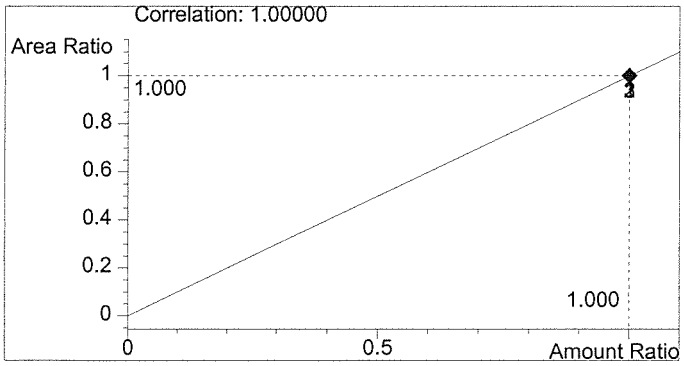


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3406	1.698

Totals:



Ethanol 0.000 g/100ml



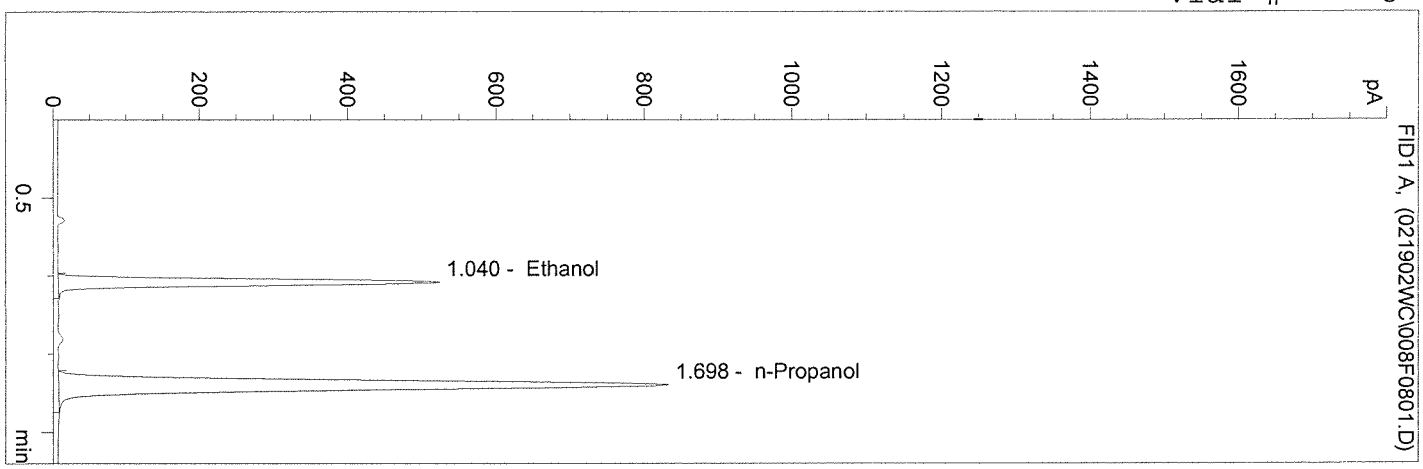
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/19/02 2:37:07 PM
Instrument 1
ALC1

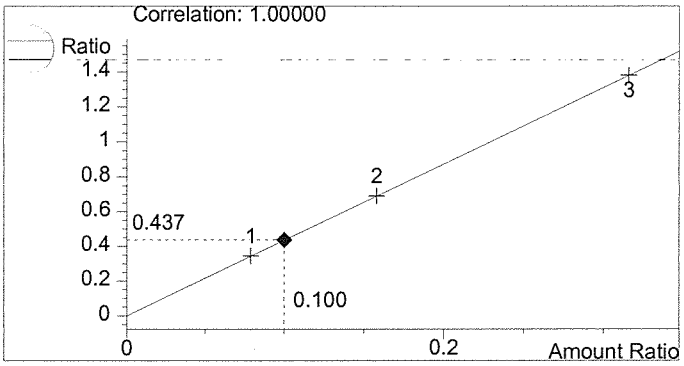
0.101 CAP WPM
WP MARSHALL

vial # 8

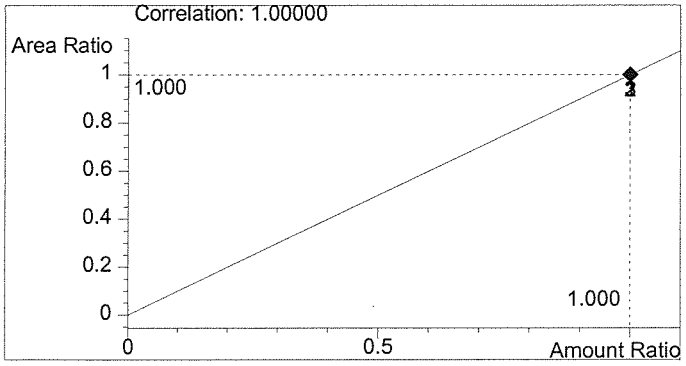


#	Compound	Area	RT
1	Ethanol	1493	1.040
2	n-Propanol	3416	1.698

Totals:



Ethanol 0.100 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	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	0.040 MIX	BLDALCO3	1	Sample		
6	6	Blank	BLDALCO3	1	Sample		
7	7	0.101 CAP	BLDALCO3	1	Ctrl Samp		
8	8	02006 SIM	BLDALCO3	1	Sample		
9	9	02006 SIM	BLDALCO3	1	Sample		
10	1	02006 SIM	BLDALCO3	1	Sample		
11	11	02006 SIM	BLDALCO3	1	Sample		
12	12	02006 SIM	BLDALCO3	1	Sample		
13	13	CAP 0.101	BLDALCO3	1	Ctrl Samp		
14	14	BLANK	BLDALCO3	1	Sample		

Calibration Part:

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

Sequence Table (Back Injector):

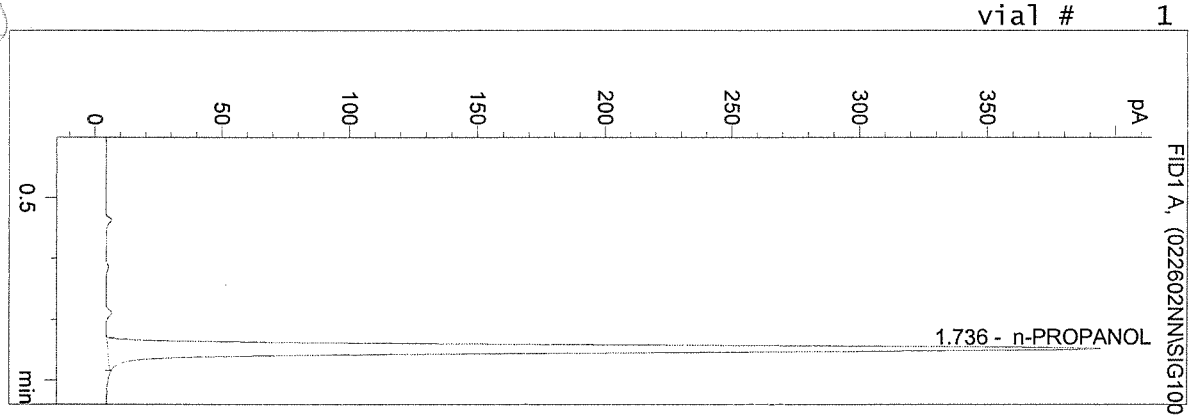
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 12:50:28 PM
Instrument 3
DB-ALC1

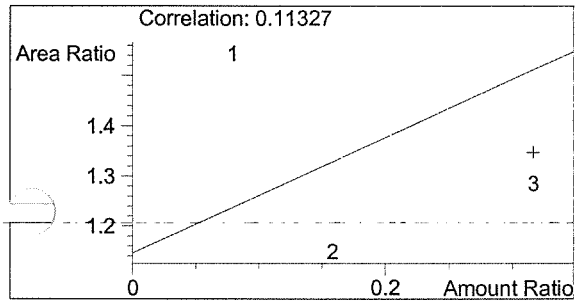
BLANK
Naziha Nuwayhid, PhD

vial # 1

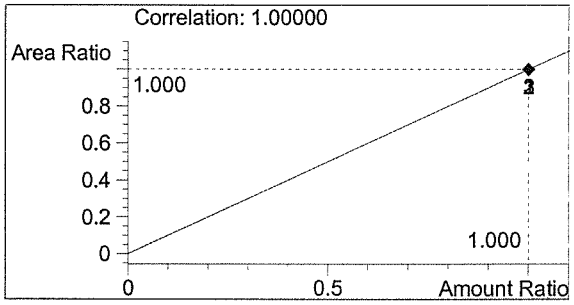


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1737	1.736

Totals:



ETHANOL 0.000 mg/L



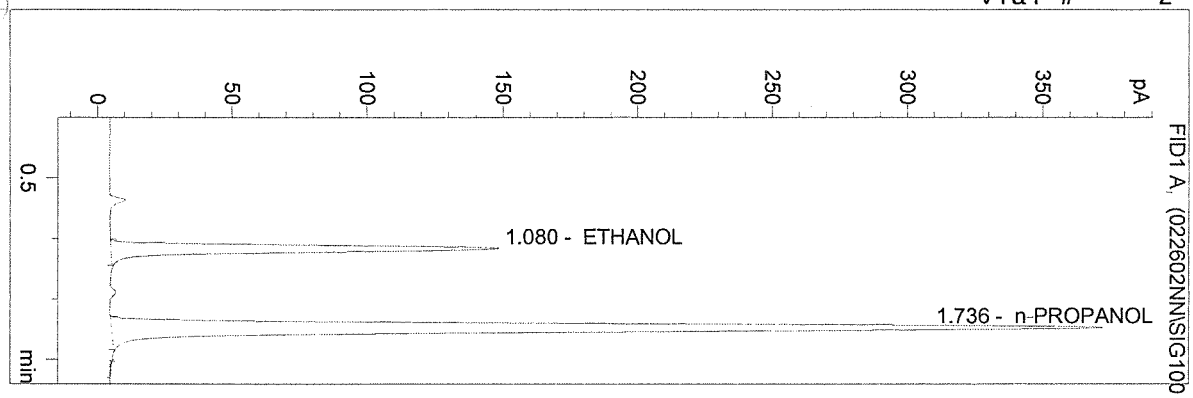
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 12:53:38 PM
Instrument 3
DB-ALC1

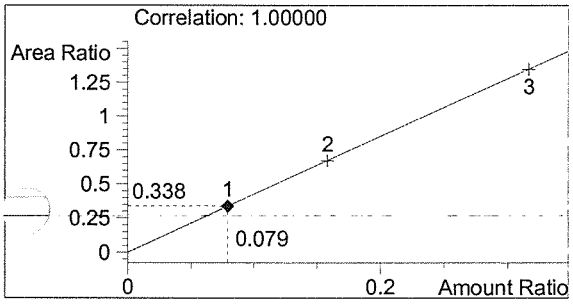
0.079 CAL
Naziha Nuwayhid, PhD

vial # 2

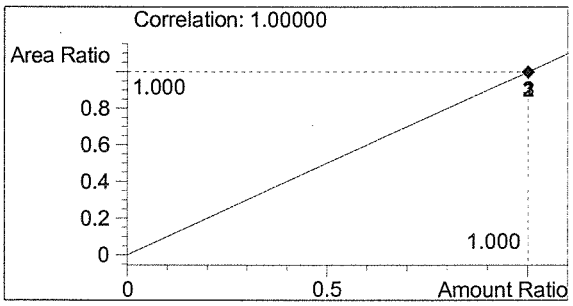


#	Compound	Area	RT
1	ETHANOL	565	1.080
2	n-PROPANOL	1671	1.736

Totals:



ETHANOL 0.079 mg/L



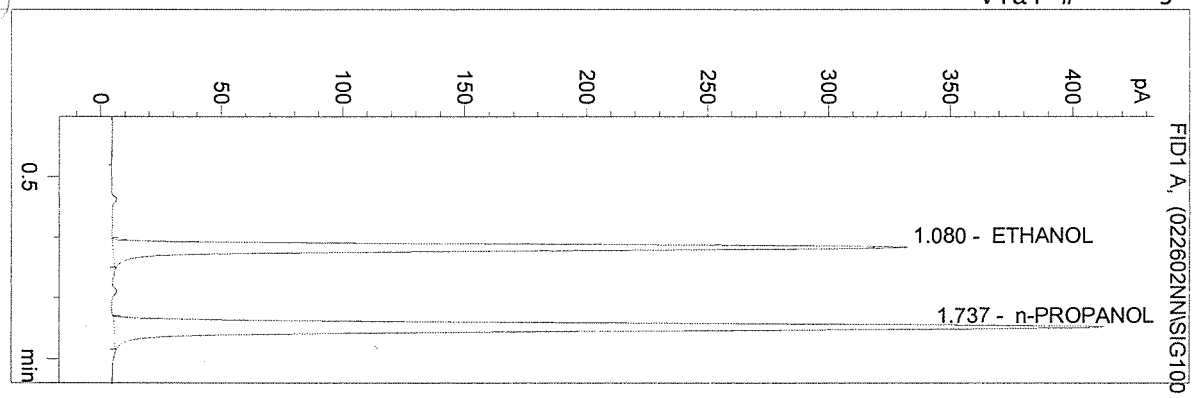
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 12:56:49 PM
Instrument 3
DB-ALC1

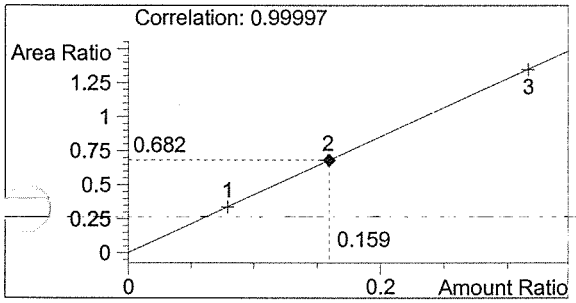
0.158 CAL
Naziha Nuwayhid, PhD

vial # 3

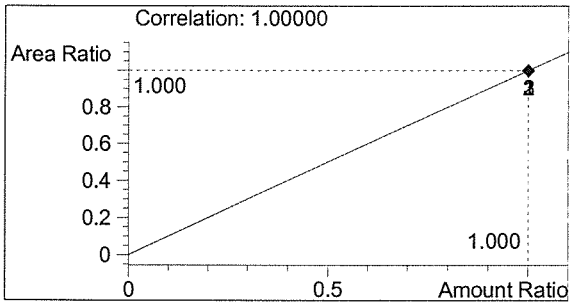


#	Compound	Area	RT
1	ETHANOL	1232	1.080
2	n-PROPANOL	1805	1.737

Totals:



ETHANOL 0.159 mg/L



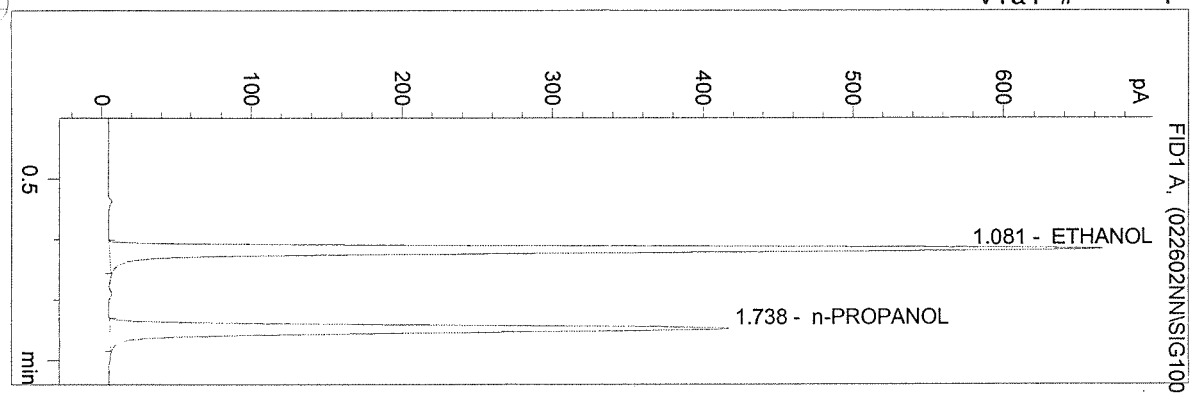
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:00:00 PM
Instrument 3
DB-ALC1

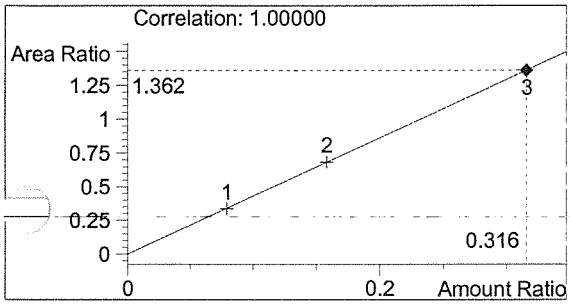
0.316 CAL
Naziha Nuwayhid, PhD

vial # 4

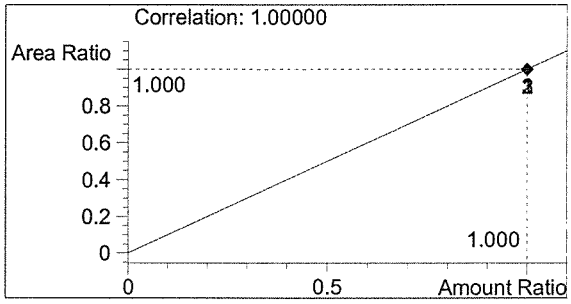


#	Compound	Area	RT
1	ETHANOL	2488	1.081
2	n-PROPANOL	1827	1.738

Totals:



ETHANOL 0.316 mg/L

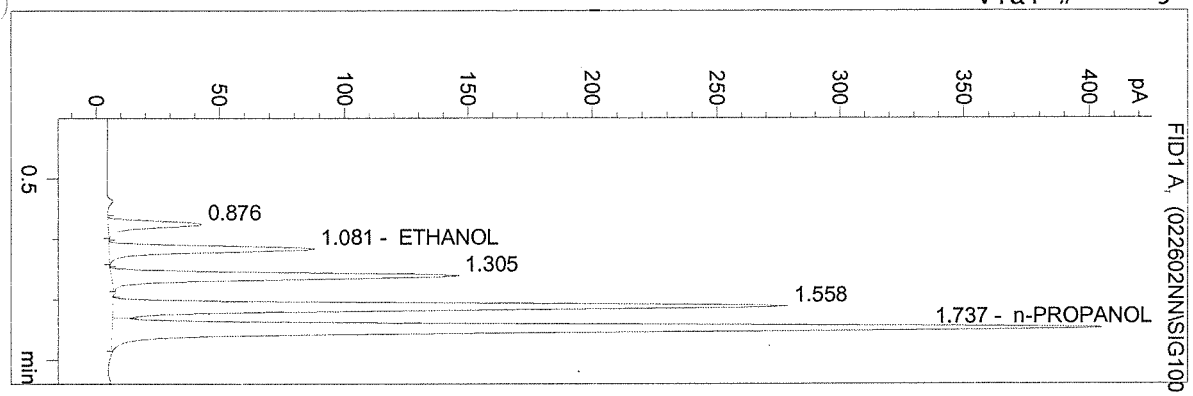


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:03:13 PM
Instrument 3
DB-ALC1

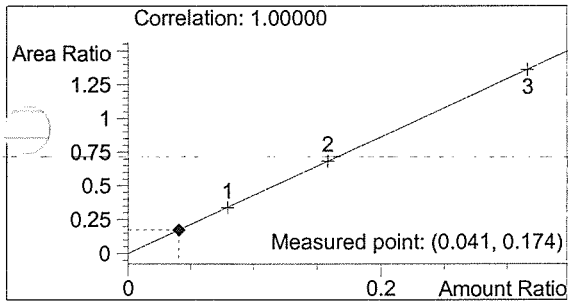
0.040 MIX
Naziha Nuwayhid, PhD

vial # 5

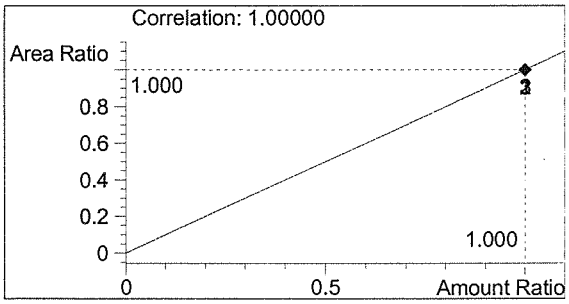


#	Compound	Area	RT
1		144	0.876
2	ETHANOL	308	1.081
3		543	1.305
4		1088	1.558
5	n-PROPANOL	1768	1.737

Totals:



ETHANOL 0.041 mg/L



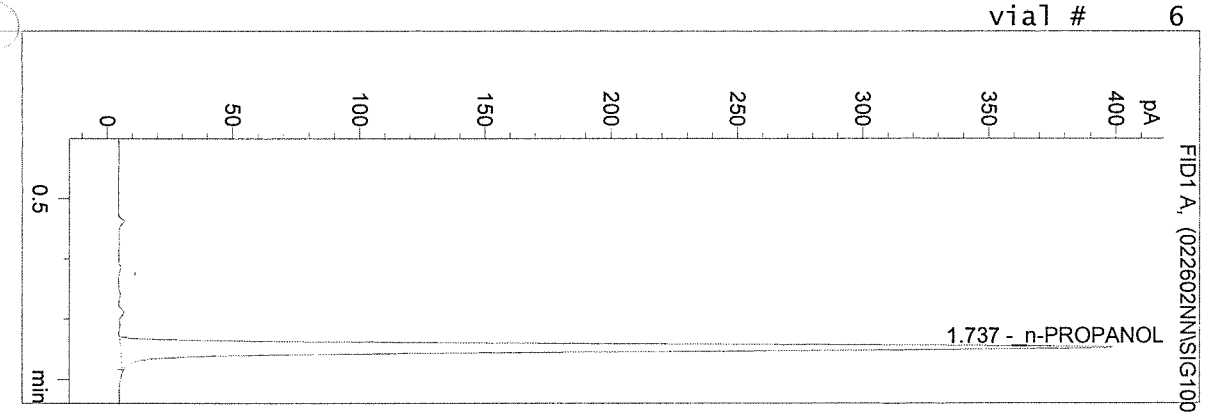
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:06:24 PM
Instrument 3
DB-ALC1

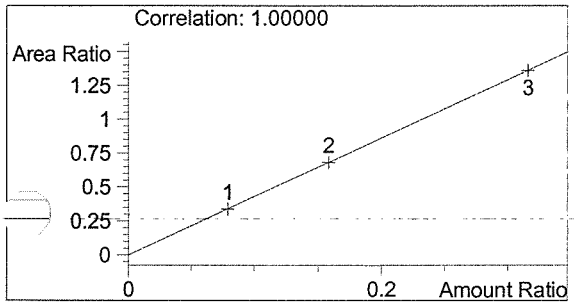
Blank
Naziha Nuwayhid, PhD

vial # 6

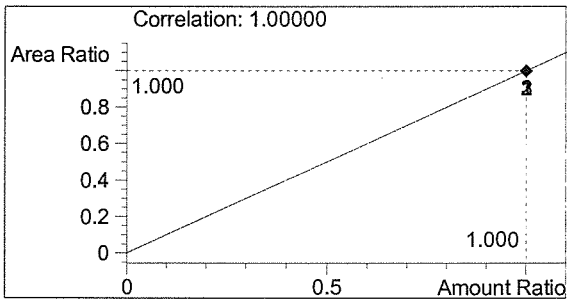


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1746	1.737

Totals:



ETHANOL 0.000 mg/L



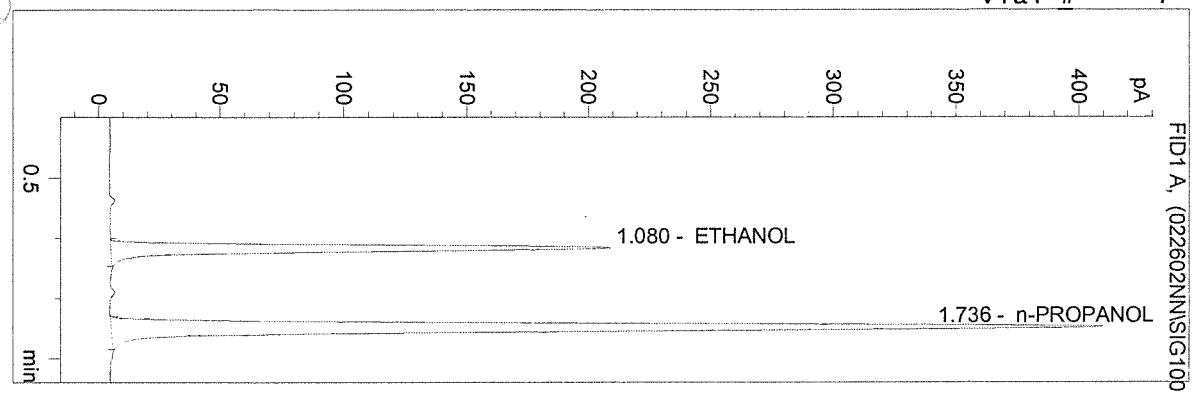
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:09:35 PM
Instrument 3
DB-ALC1

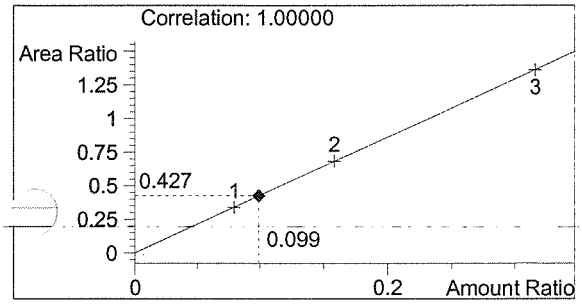
0.101 CAP
Naziha Nuwayhid, PhD

vial # 7

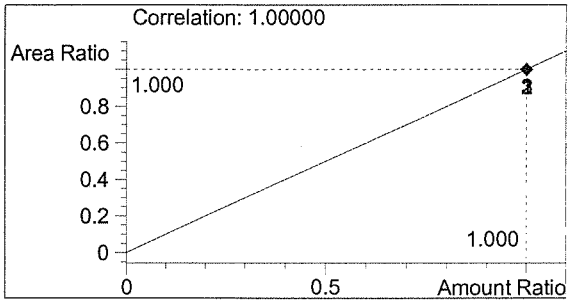


#	Compound	Area	RT
1	ETHANOL	768	1.080
2	n-PROPANOL	1798	1.736

Totals:



ETHANOL 0.099 mg/L

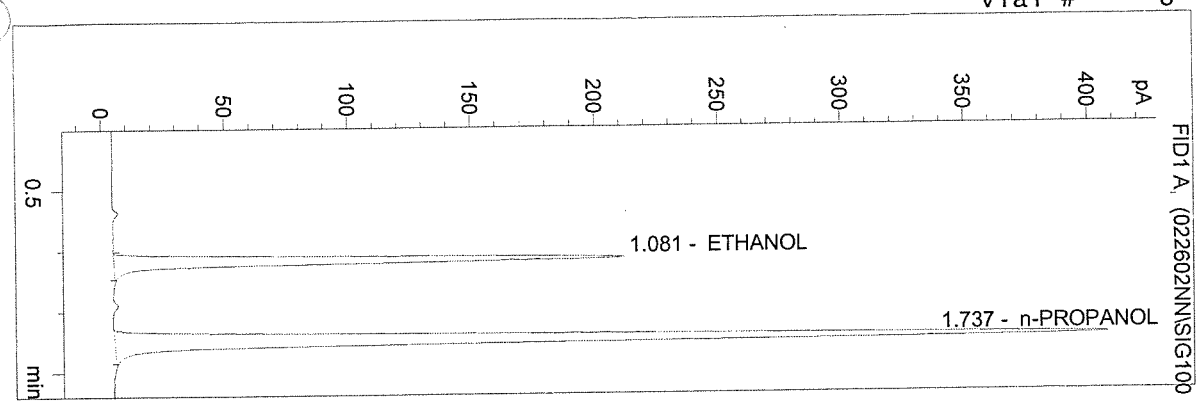


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:12:45 PM
Instrument 3
DB-ALC1

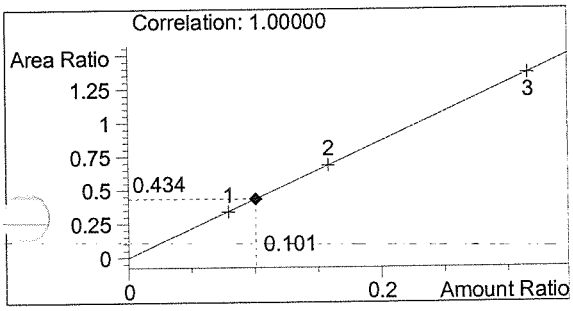
02006 SIM
Naziha Nuwayhid, PhD

vial # 8

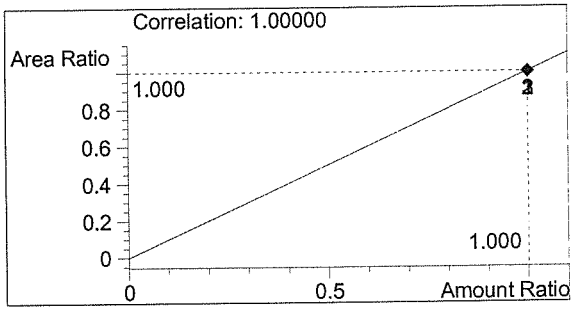


#	Compound	Area	RT
1	ETHANOL	778	1.081
2	n-PROPANOL	1794	1.737

Totals:



ETHANOL 0.101 mg/L



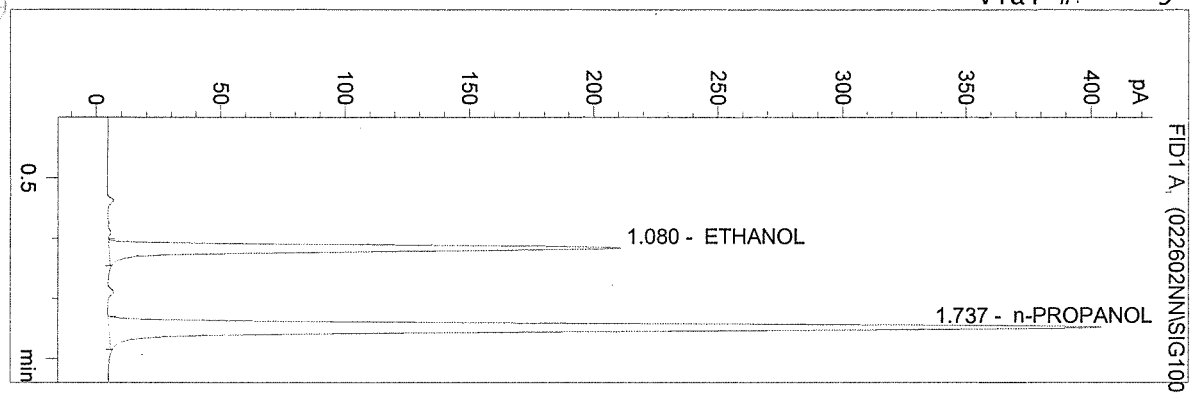
n-PROPANOL 1.000 mg/L

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:15:56 PM
Instrument 3
DB-ALC1

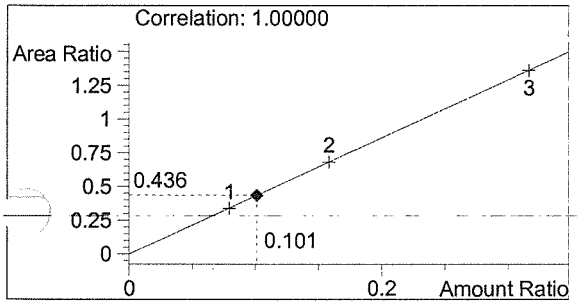
02006 SIM
Naziha Nuwayhid, PhD

vial # 9

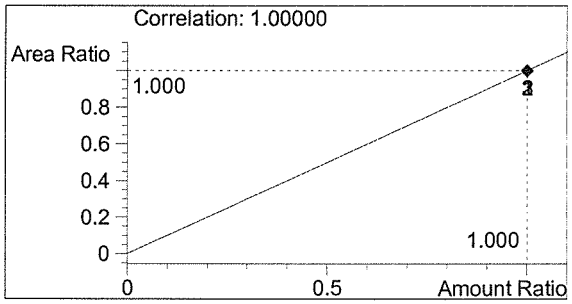


#	Compound	Area	RT
1	ETHANOL	772	1.080
2	n-PROPANOL	1771	1.737

Totals:



ETHANOL 0.101 mg/L

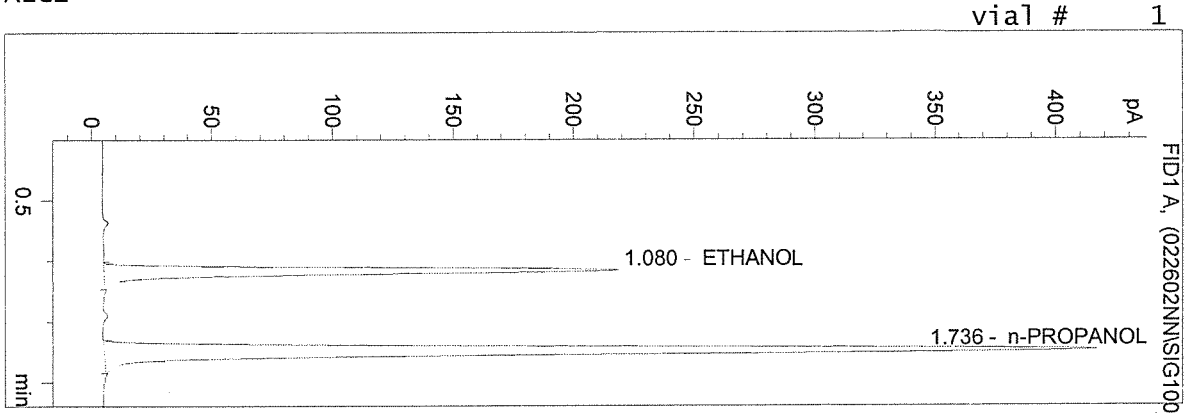


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:19:07 PM
Instrument 3
DB-ALC1

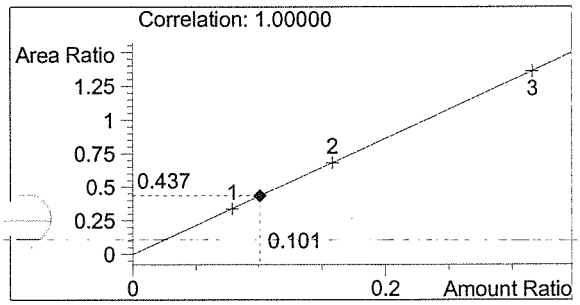
02006 SIM
Naziha Nuwayhid, PhD

vial # 1

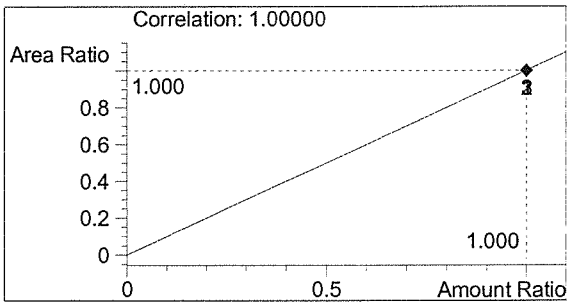


#	Compound	Area	RT
1	ETHANOL	802	1.080
2	n-PROPANOL	1837	1.736

Totals:



ETHANOL 0.101 mg/L

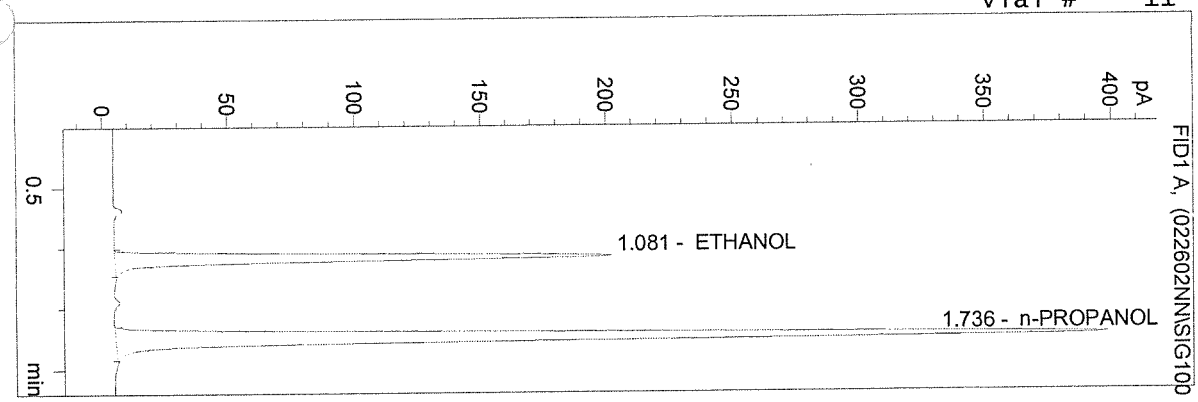


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:22:17 PM
Instrument 3
DB-ALC1

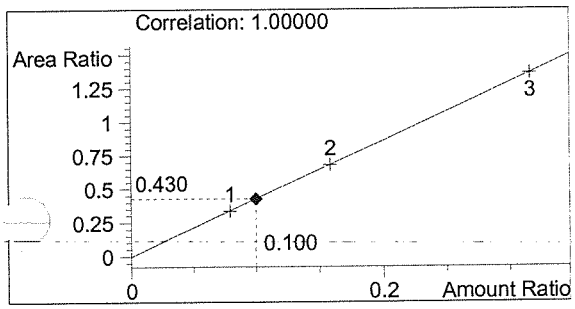
02006 SIM
Naziha Nuwayhid, PhD

vial # 11

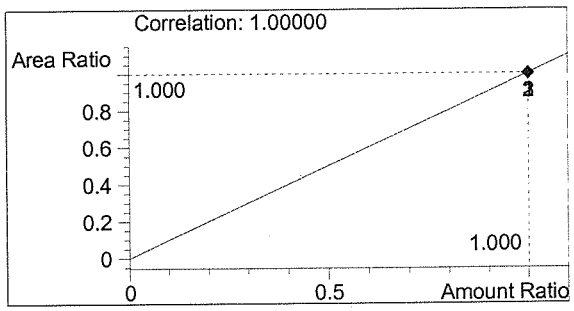


#	Compound	Area	RT
1	ETHANOL	765	1.081
2	n-PROPANOL	1779	1.736

Totals:



ETHANOL 0.100 mg/L

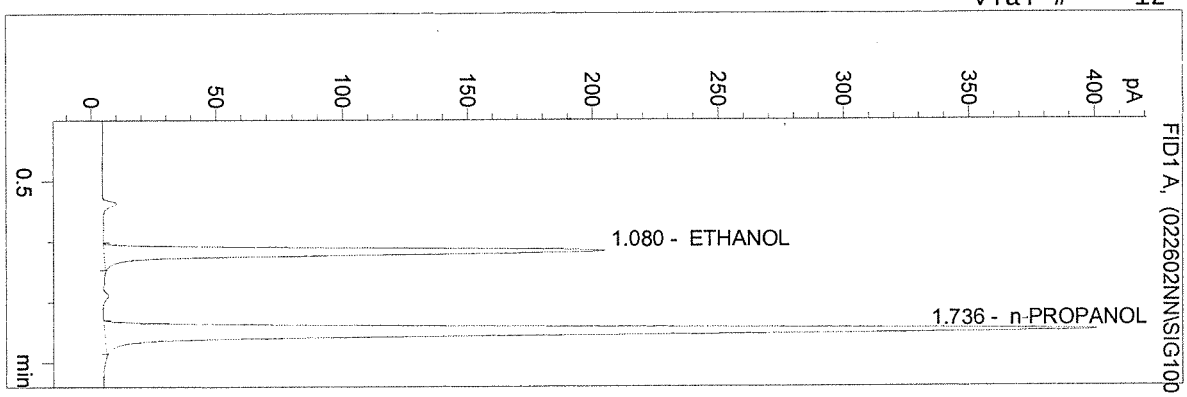


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:25:28 PM
Instrument 3
DB-ALC1

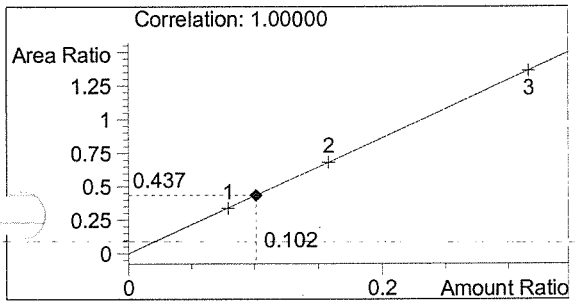
02006 SIM
Naziha Nuwayhid, PhD

vial # 12

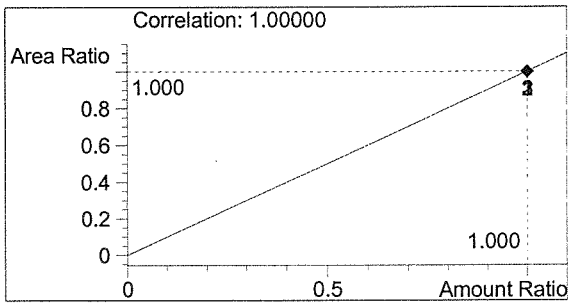


#	Compound	Area	RT
1	ETHANOL	788	1.080
2	n-PROPANOL	1801	1.736

Totals:



ETHANOL 0.102 mg/L

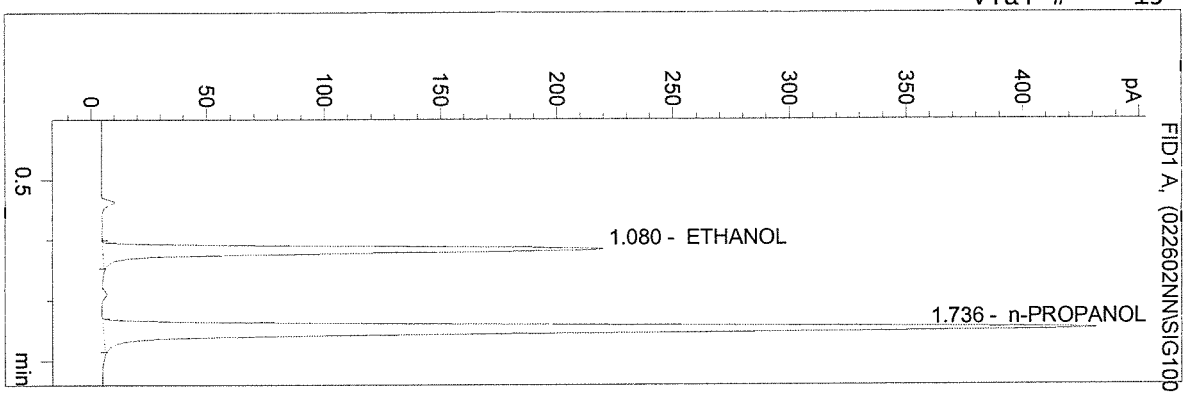


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:28:39 PM
Instrument 3
DB-ALC1

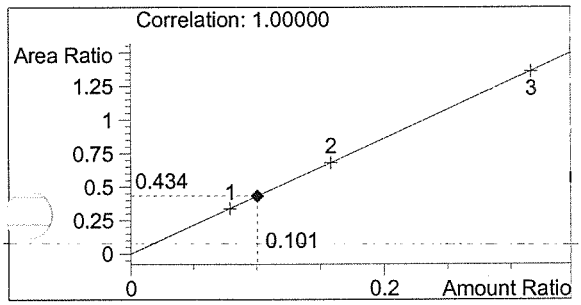
CAP 0.101
Naziha Nuwayhid, PhD

vial # 13

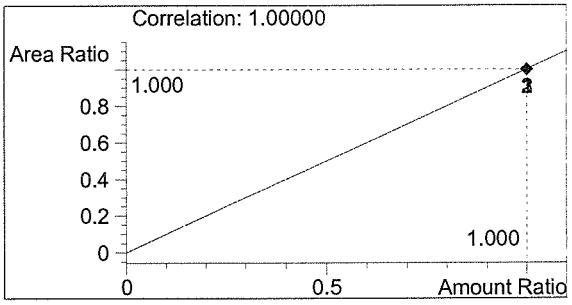


#	Compound	Area	RT
1	ETHANOL	842	1.080
2	n-PROPANOL	1939	1.736

Totals:



ETHANOL 0.101 mg/L

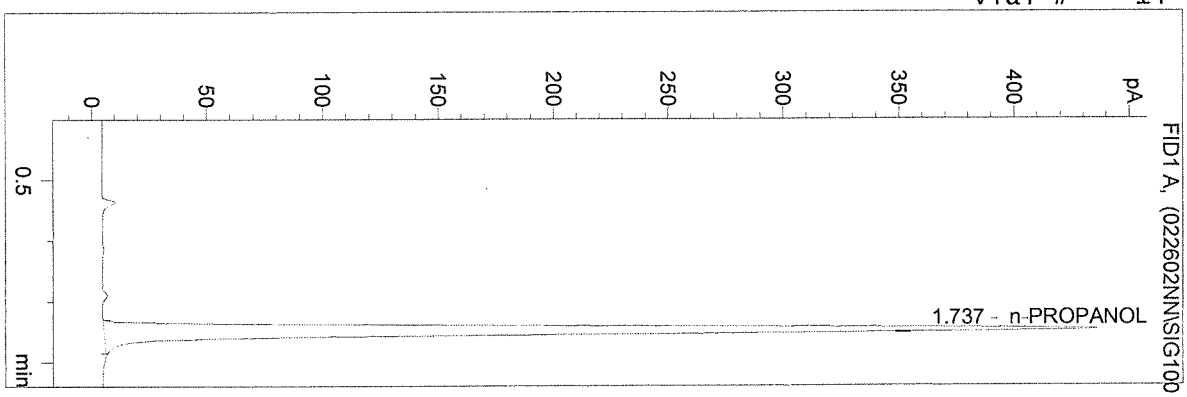


n-PROPANOL 1.000 mg/L

C:\HPCHEM\1\METHODS\BLDALCO3.M
2/26/02 1:31:50 PM
Instrument 3
DB-ALC1

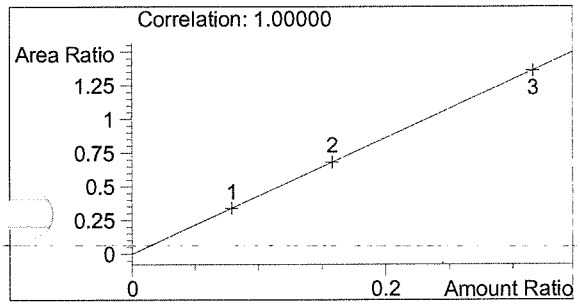
BLANK
Naziha Nuwayhid, PhD

vial # 14

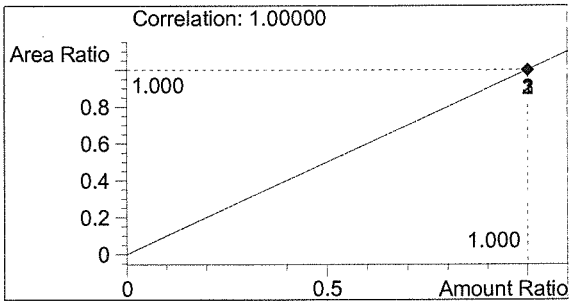


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1951	1.737

Totals:



ETHANOL 0.000 mg/L



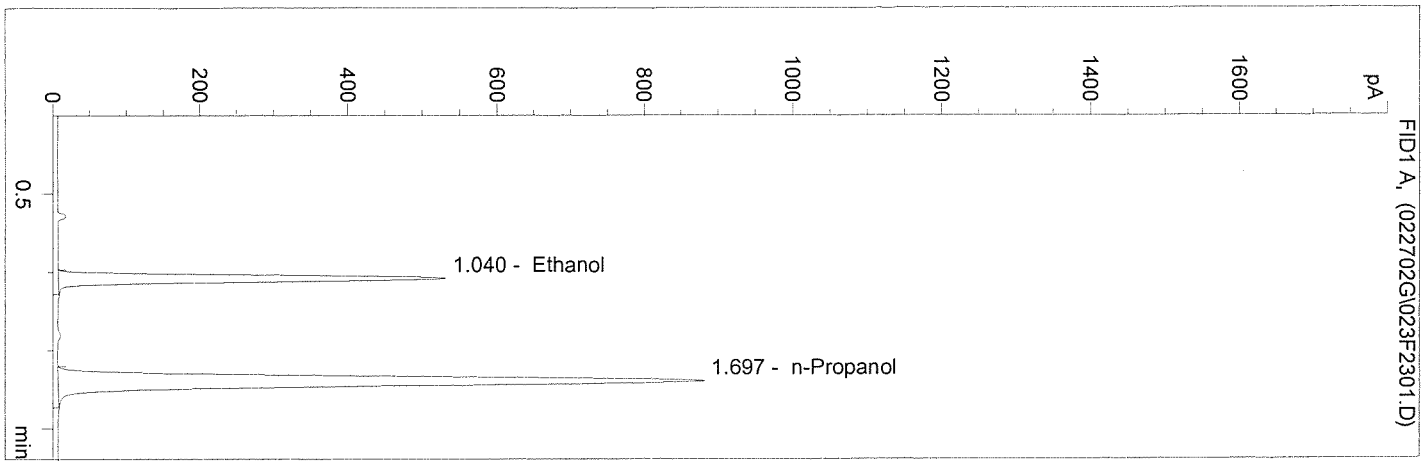
n-PROPANOL 1.000 mg/L

Cal 021155

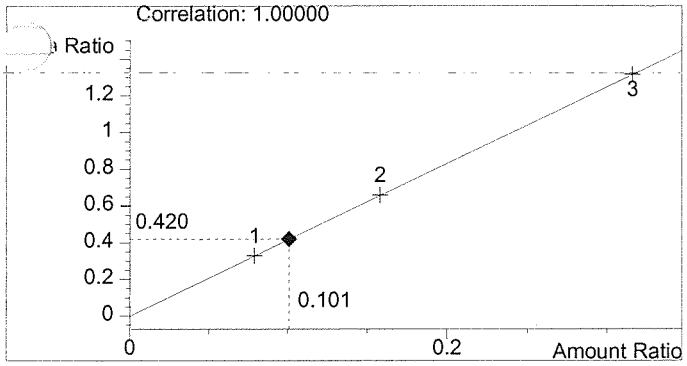
C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 11:19:56 AM
Instrument 1
-ALC1

SS02006
GENE SCHWILKE

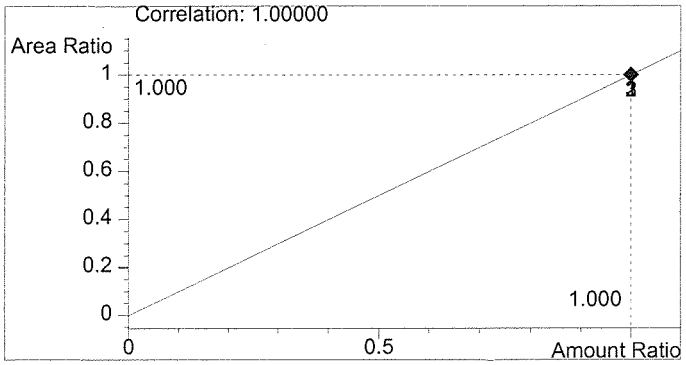
vial # 23



#	Compound	Area	RT
1	Ethanol	1529	1.040
2	n-Propanol	3638	1.697
Totals:			



Ethanol 0.101 g/100ml

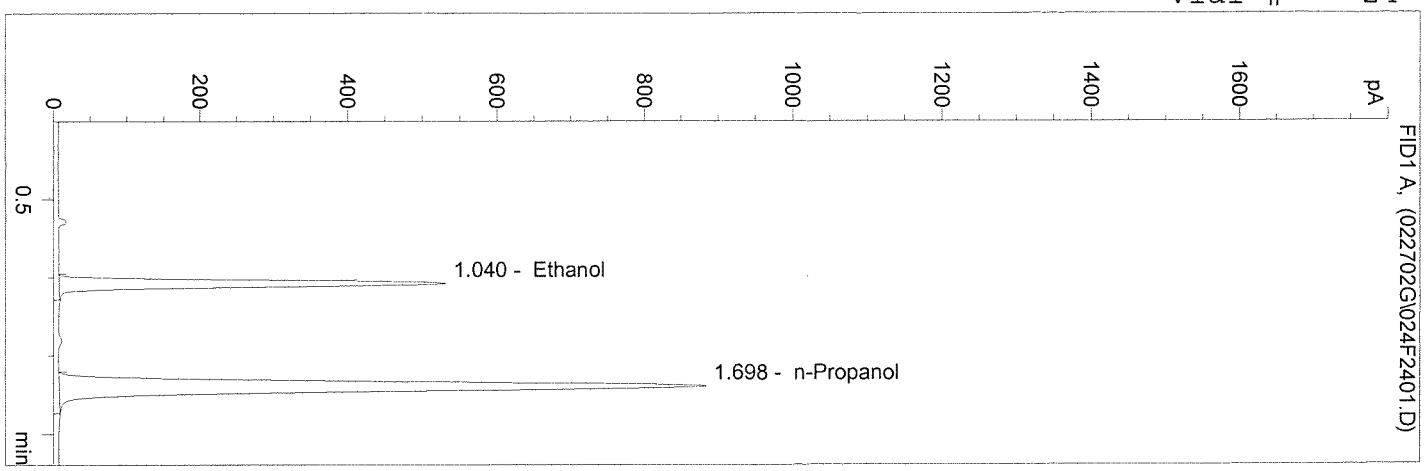


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 11:22:58 AM
Instrument 1
-ALC1

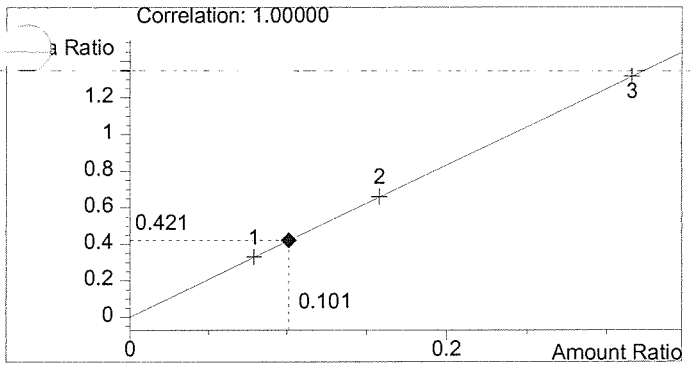
SS02006
GENE SCHWILKE

vial # 24

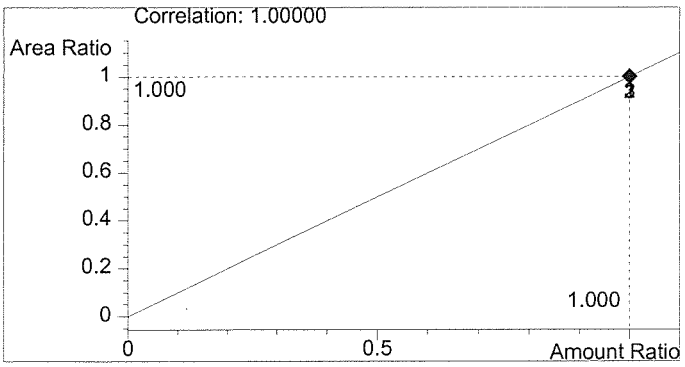


#	Compound	Area	RT
1	Ethanol	1540	1.040
2	n-Propanol	3655	1.698

Totals:



Ethanol 0.101 g/100ml

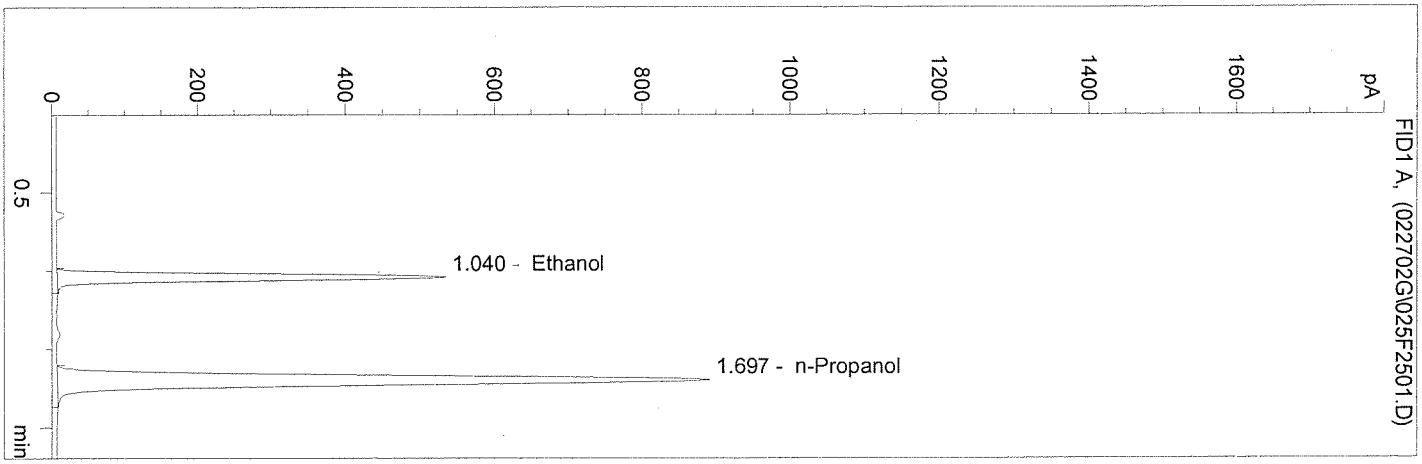


n-Propanol 1.000 g/100ml

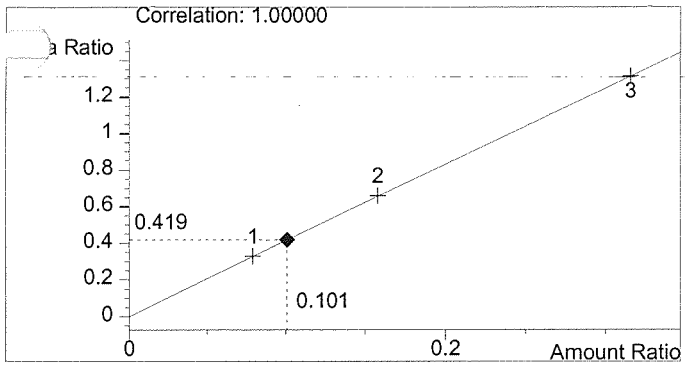
C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 11:26:11 AM
Instrument 1
-ALC1

SS02006
GENE SCHWILKE

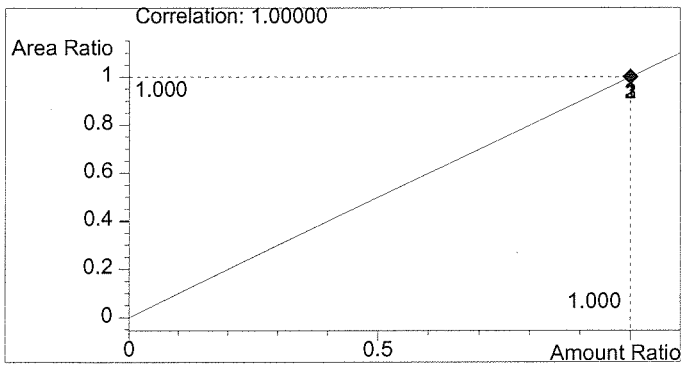
vial # 25



#	Compound	Area	RT
1	Ethanol	1545	1.040
2	n-Propanol	3684	1.697
Totals:			



Ethanol 0.101 g/100ml

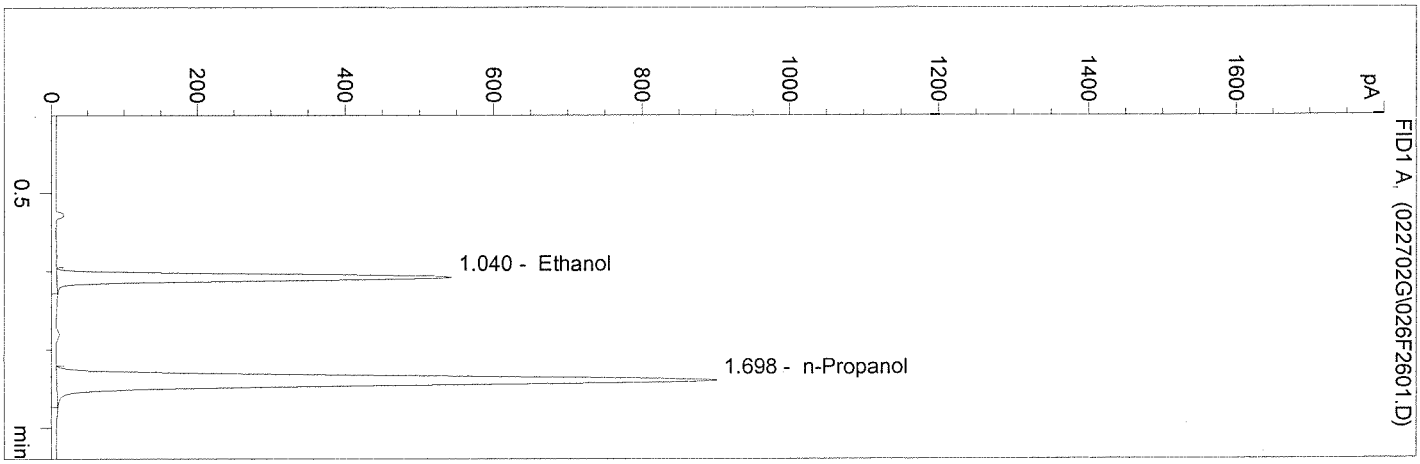


n-Propanol 1.000 g/100ml

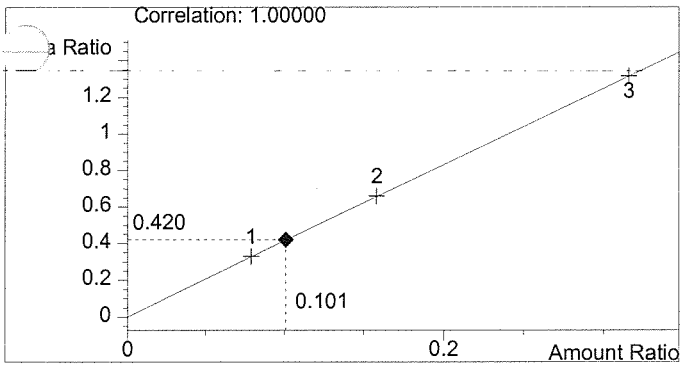
C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 11:29:13 AM
Instrument 1
-ALC1

SS02006
GENE SCHWILKE

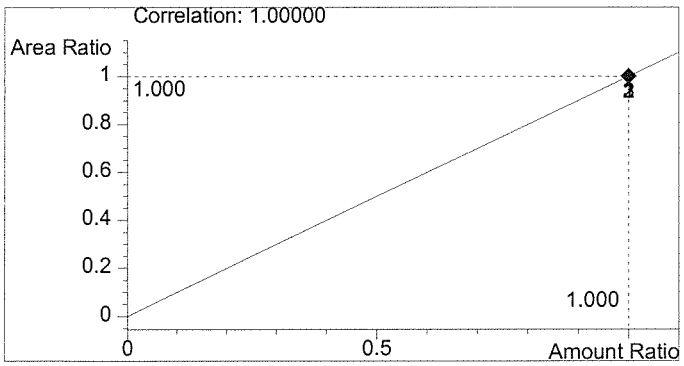
vial # 26



#	Compound	Area	RT
1	Ethanol	1565	1.040
2	n-Propanol	3723	1.698
Totals:			



Ethanol 0.101 g/100ml

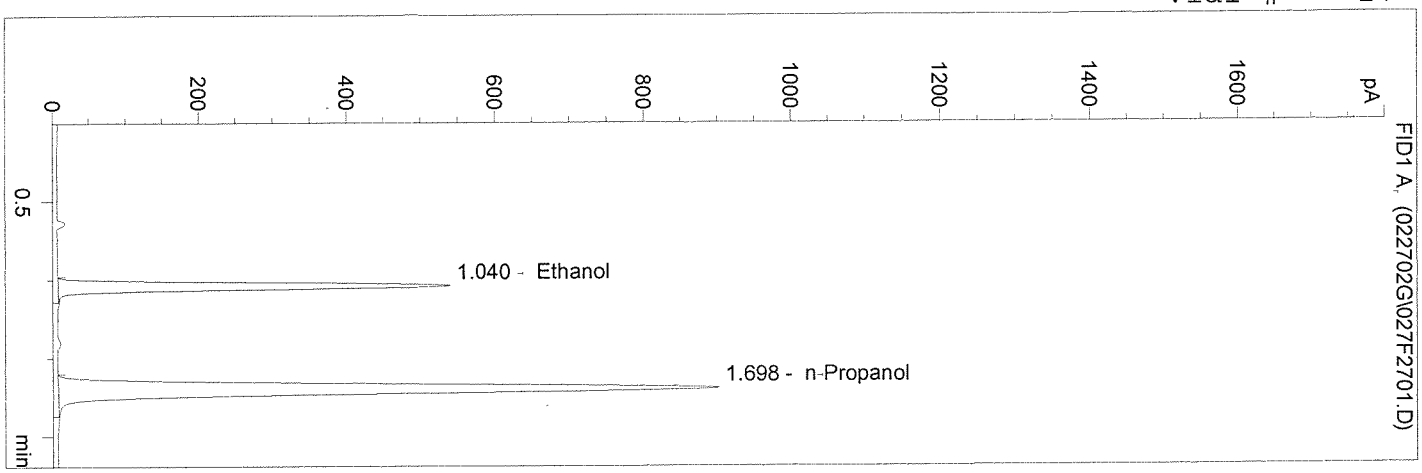


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 11:32:14 AM
Instrument 1
-ALC1

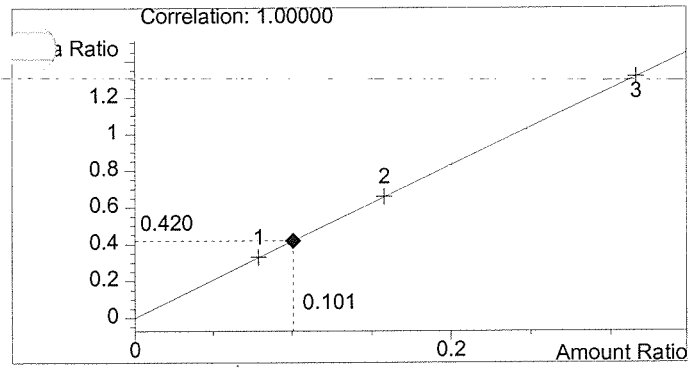
SS02006
GENE SCHWILKE

vial # 27

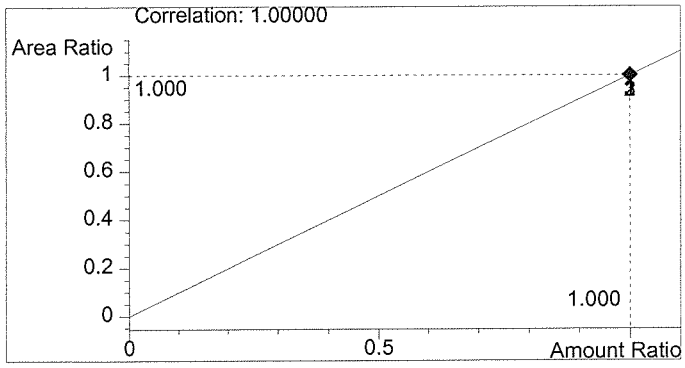


#	Compound	Area	RT
1	Ethanol	1559	1.040
2	n-Propanol	3715	1.698

Totals:



Ethanol 0.101 g/100ml



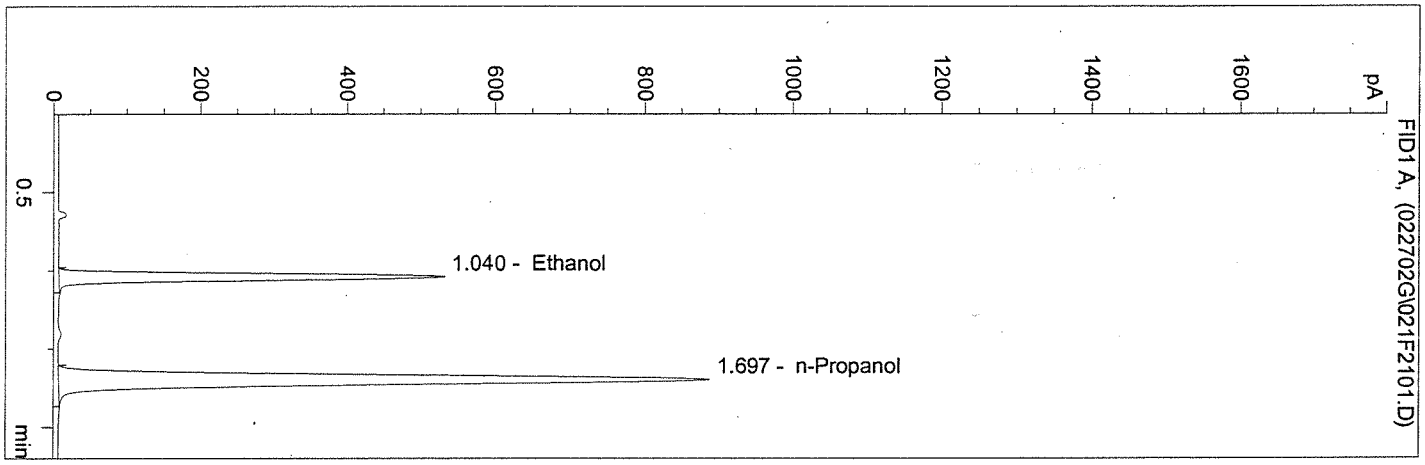
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 11:13:53 AM
Instrument 1
ALC1

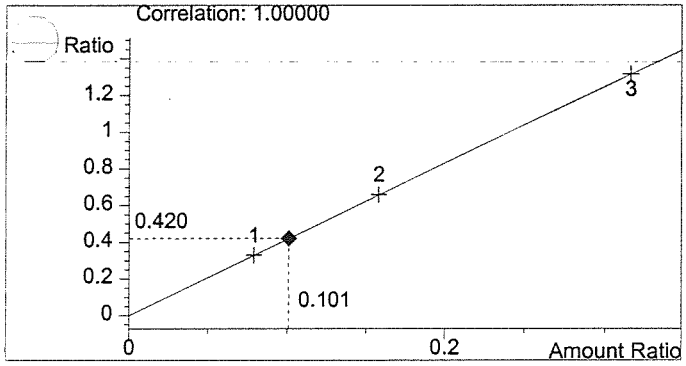
CAP 0.101
GENE SCHWILKE

vial # 21

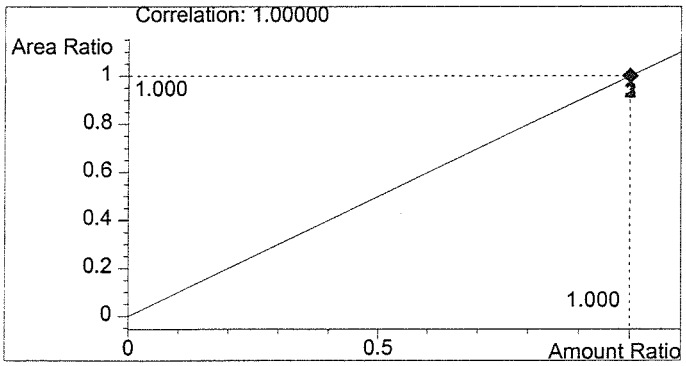


#	Compound	Area	RT
1	Ethanol	1544	1.040
2	n-Propanol	3672	1.697

Totals:



Ethanol 0.101 g/100ml

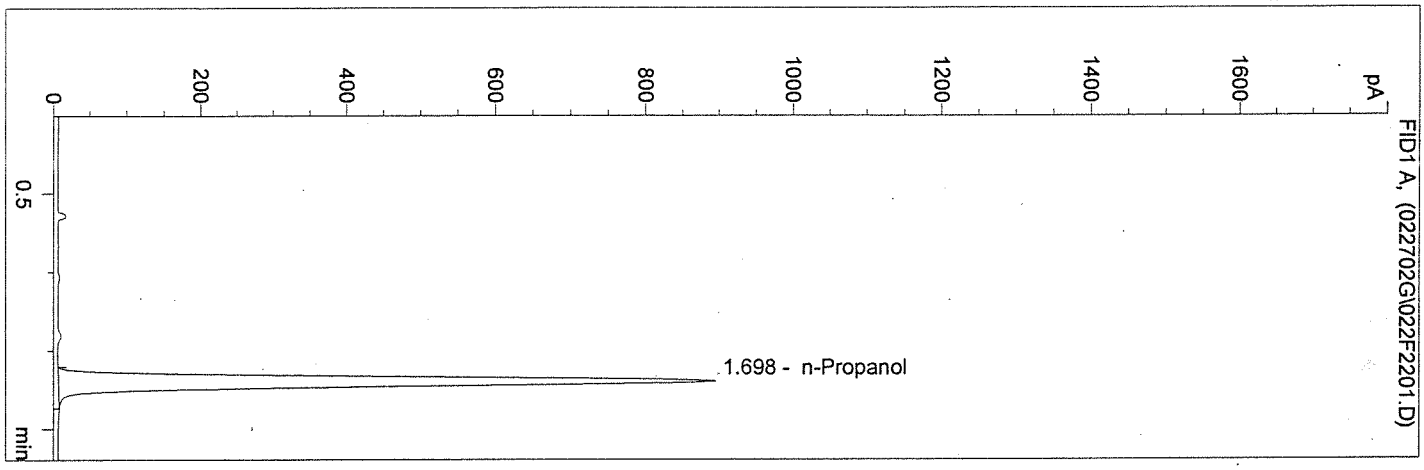


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 11:16:55 AM
Instrument 1
ALC1

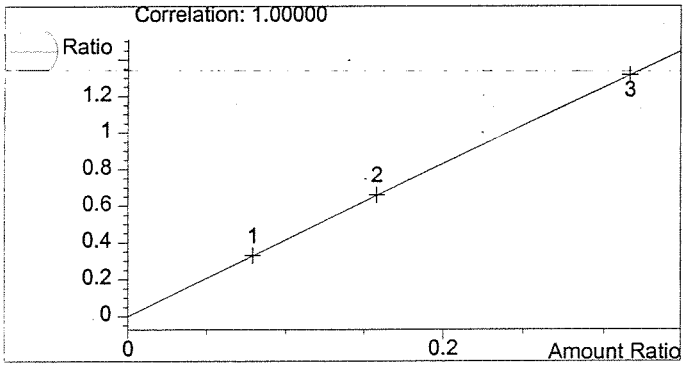
BLANK
GENE SCHWILKE

vial # 22

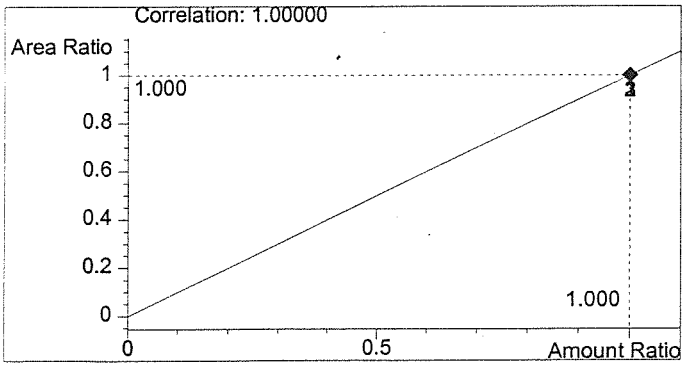


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3700	1.698

Totals:



Ethanol 0.000 g/100ml



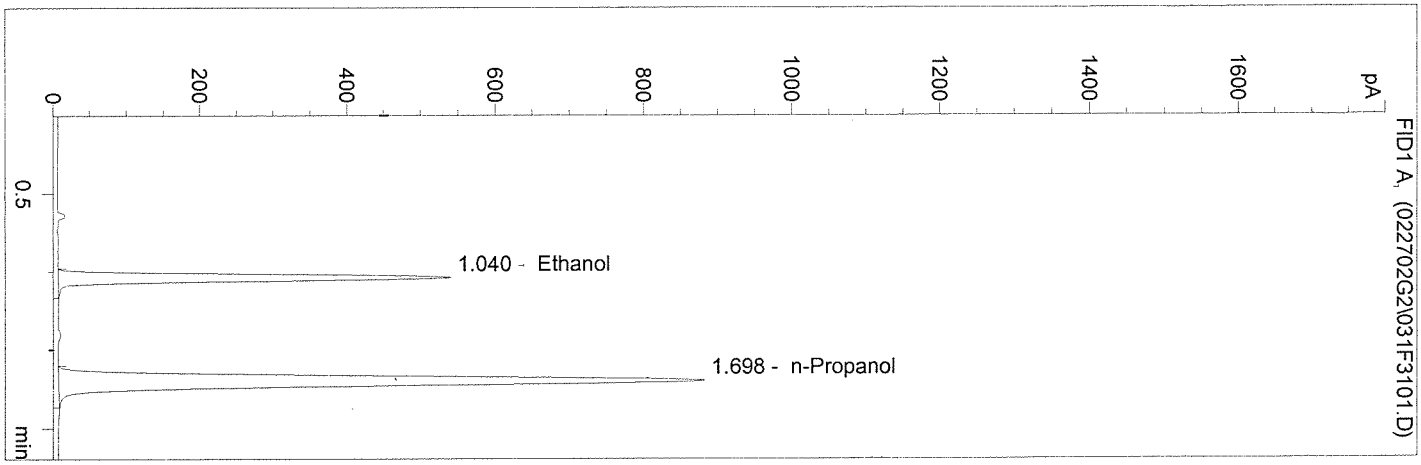
n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 1:33:57 PM
Instrument 1
ALC1

Cal. 021155

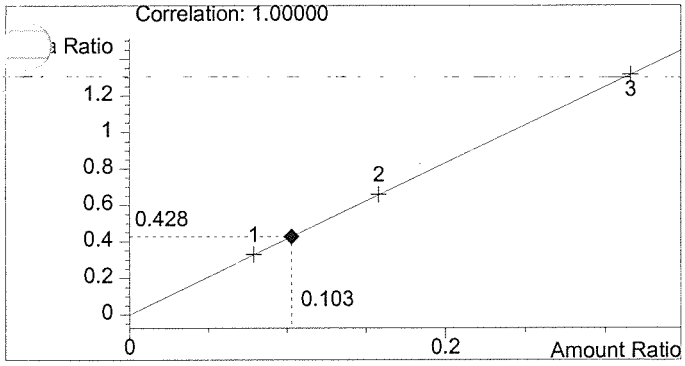
SS02006 AMG
GENE SCHWILKE

vial # 31

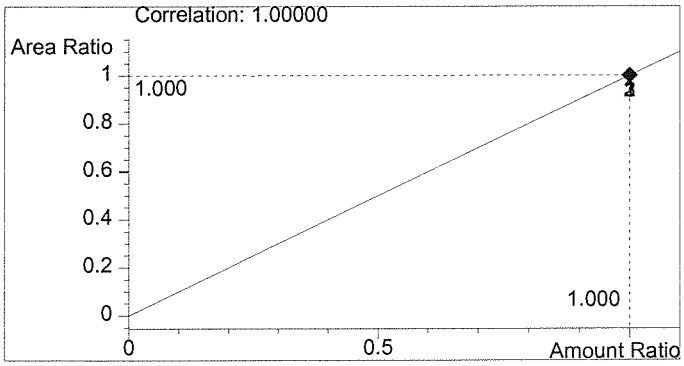


#	Compound	Area	RT
1	Ethanol	1558	1.040
2	n-Propanol	3637	1.698

Totals:



Ethanol 0.103 g/100ml



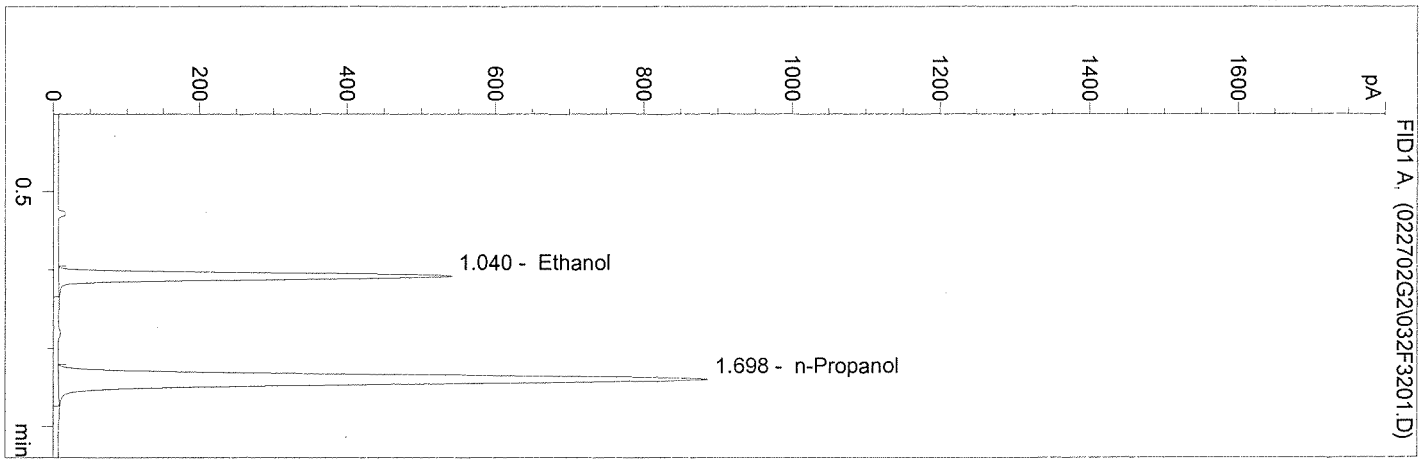
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 1:36:59 PM
Instrument 1
-ALC1

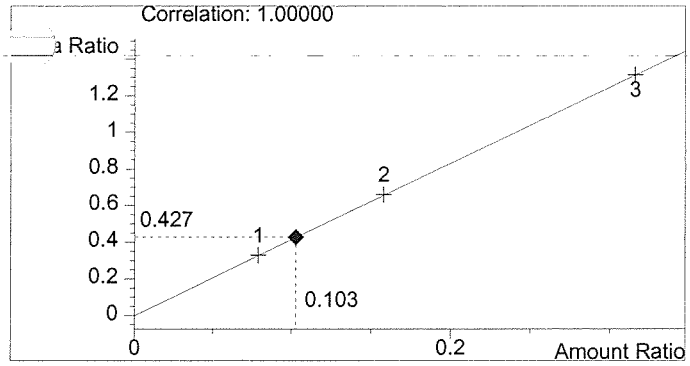
SS02006 AMG
GENE SCHWILKE

vial # 32

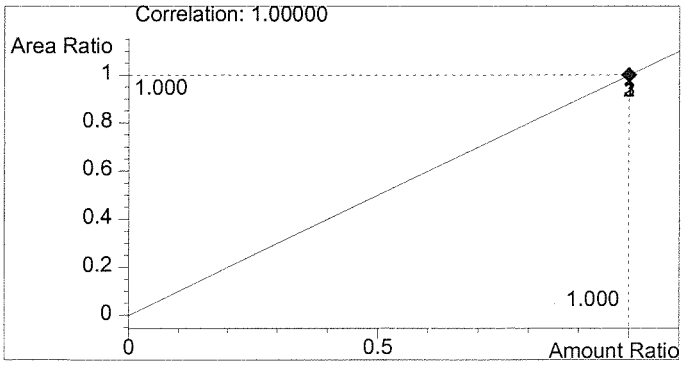


#	Compound	Area	RT
1	Ethanol	1562	1.040
2	n-Propanol	3653	1.698

Totals:



Ethanol 0.103 g/100ml



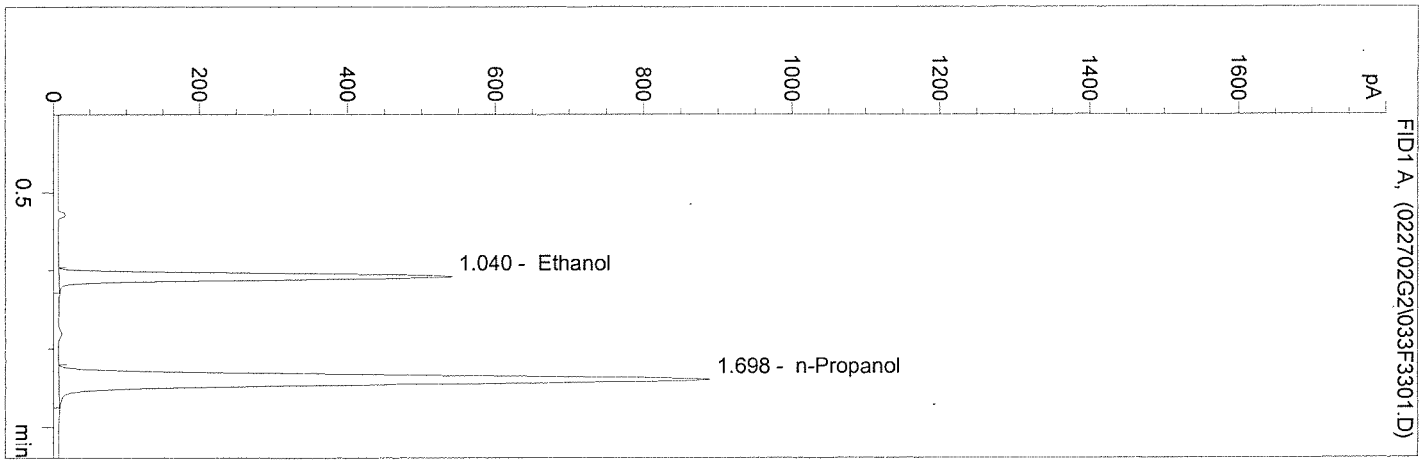
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 1:40:00 PM
Instrument 1
-ALC1

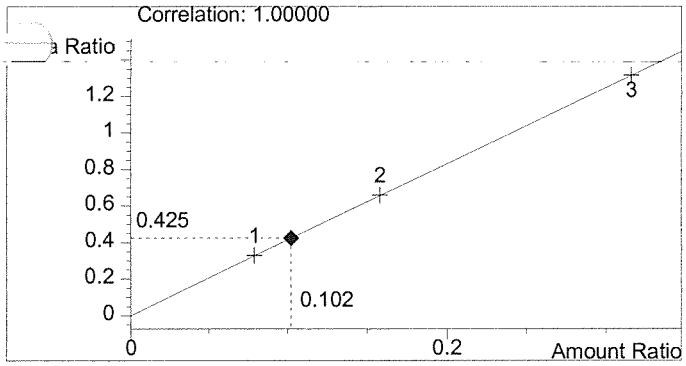
SS02006 AMG
GENE SCHWILKE

vial # 33

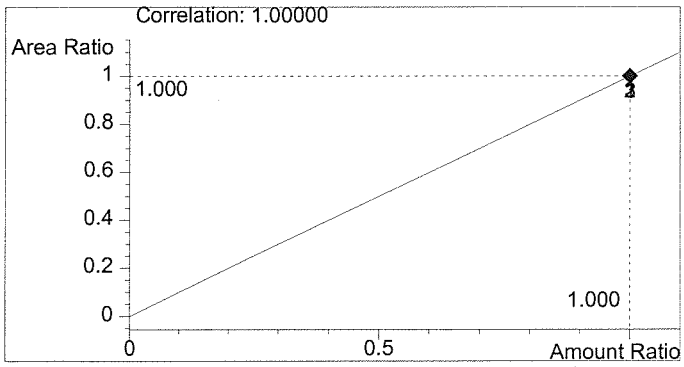


#	Compound	Area	RT
1	Ethanol	1555	1.040
2	n-Propanol	3658	1.698

Totals:



Ethanol 0.102 g/100ml

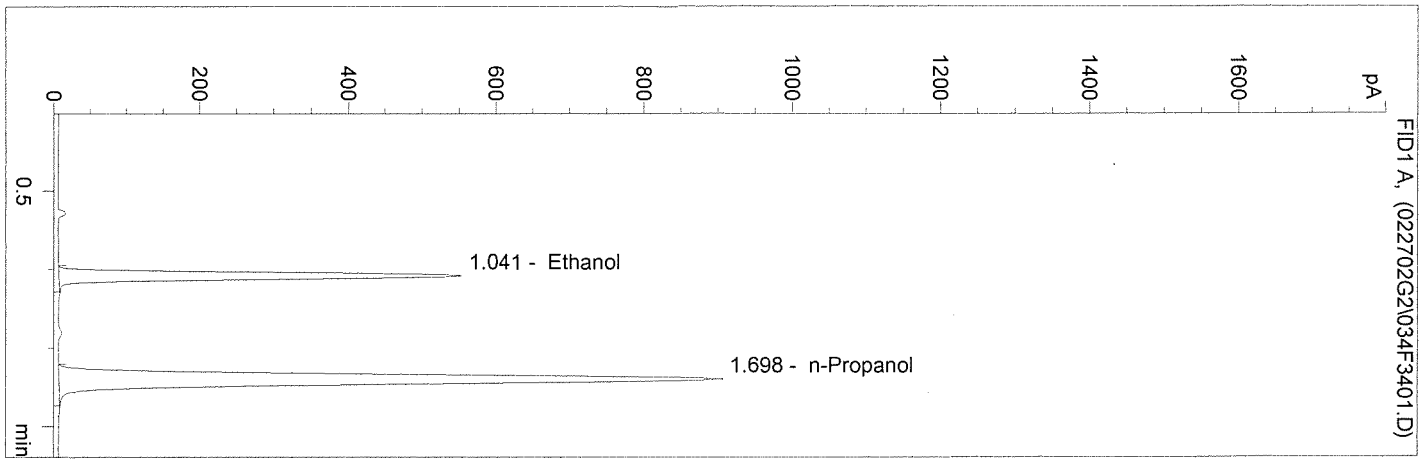


n-Propanol 1.000 g/100ml

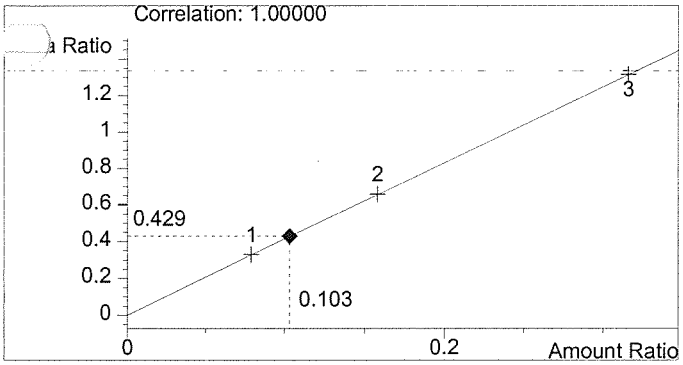
C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 1:43:02 PM
Instrument 1
-ALC1

SS02006 AMG
GENE SCHWILKE

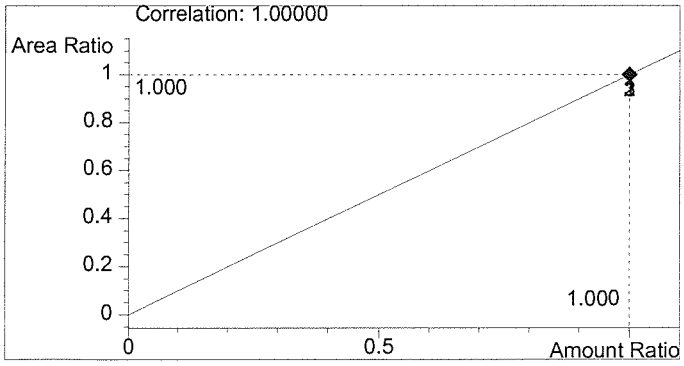
vial # 34



#	Compound	Area	RT
1	Ethanol	1608	1.041
2	n-Propanol	3746	1.698
Totals:			



Ethanol 0.103 g/100ml

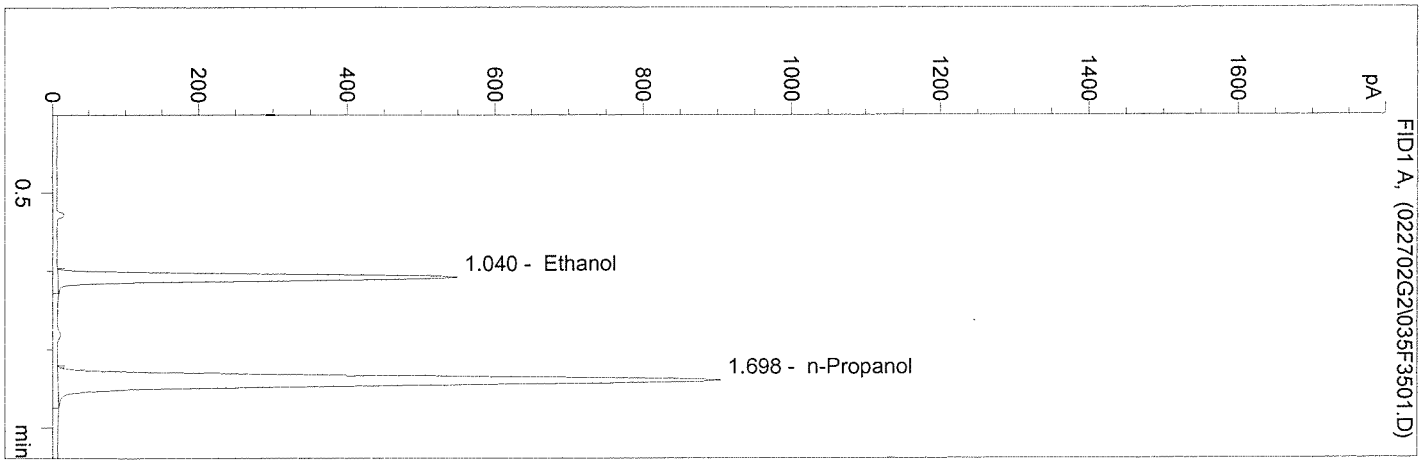


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 1:46:04 PM
Instrument 1
-ALC1

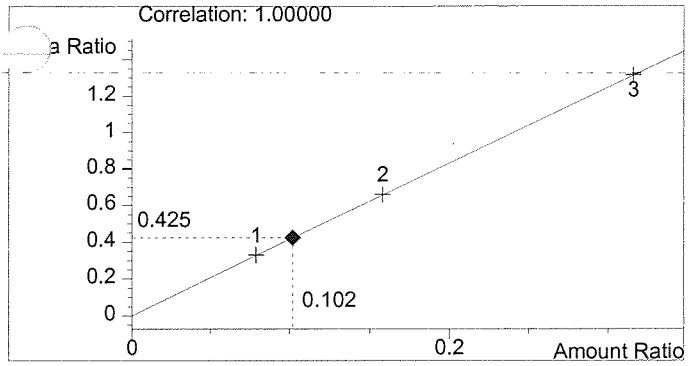
SS02006 AMG
GENE SCHWILKE

vial # 35

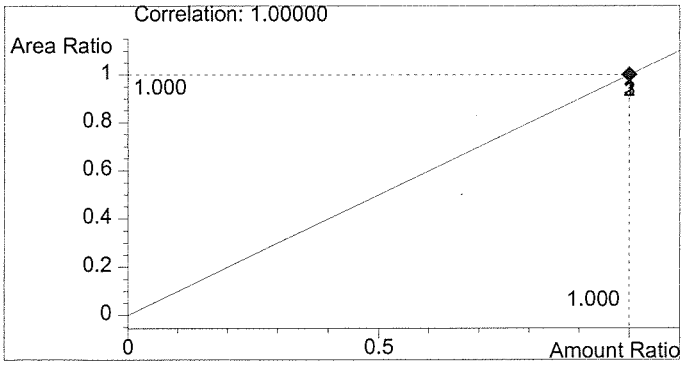


#	Compound	Area	RT
1	Ethanol	1581	1.040
2	n-Propanol	3721	1.698

Totals:



Ethanol 0.102 g/100ml

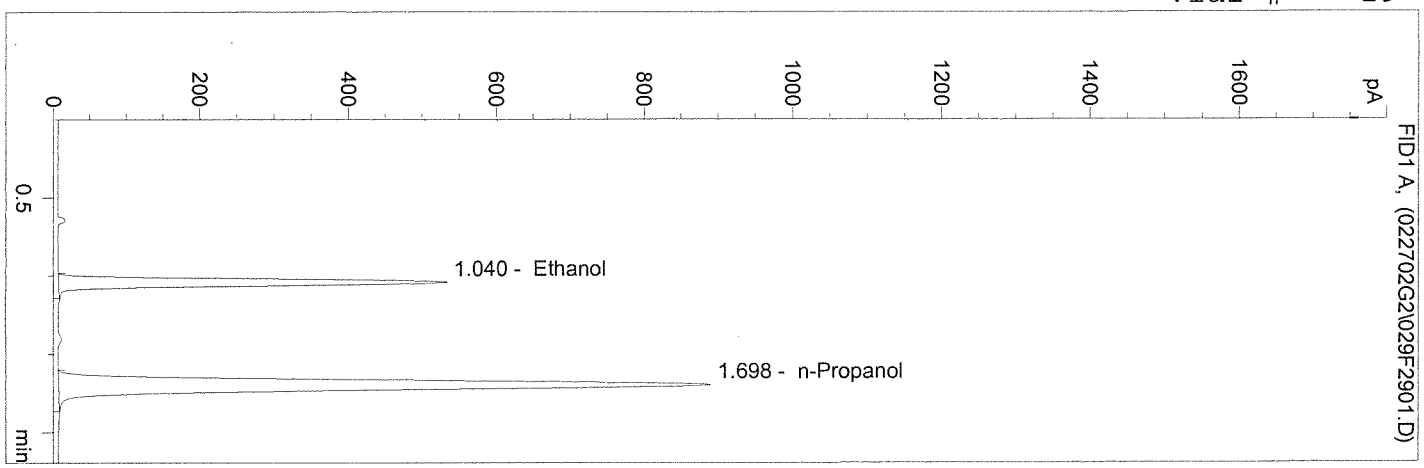


n-Propanol 1.000 g/100ml

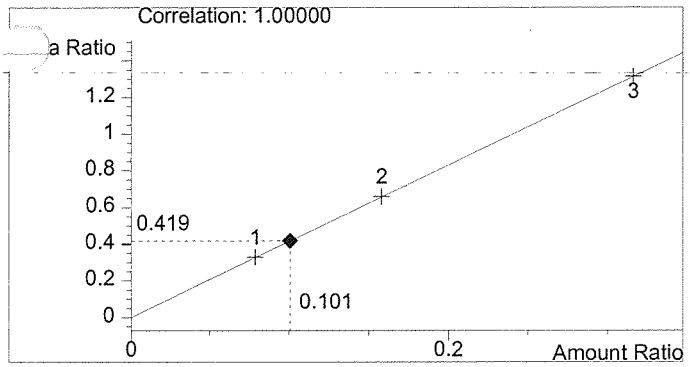
C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 1:27:53 PM
Instrument 1
-ALC1

CAP 0.101
GENE SCHWILKE

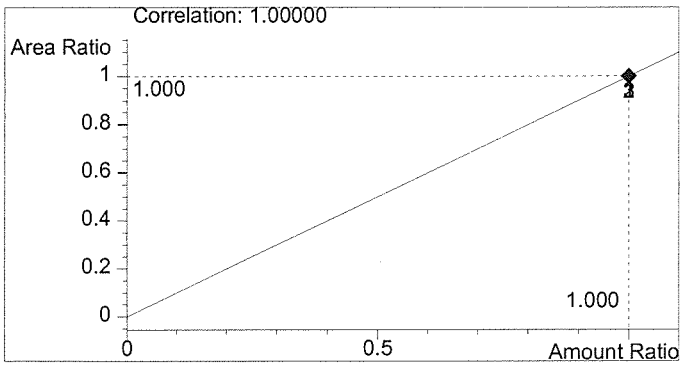
vial # 29



#	Compound	Area	RT
1	Ethanol	1542	1.040
2	n-Propanol	3676	1.698
Totals:			



Ethanol 0.101 g/100ml

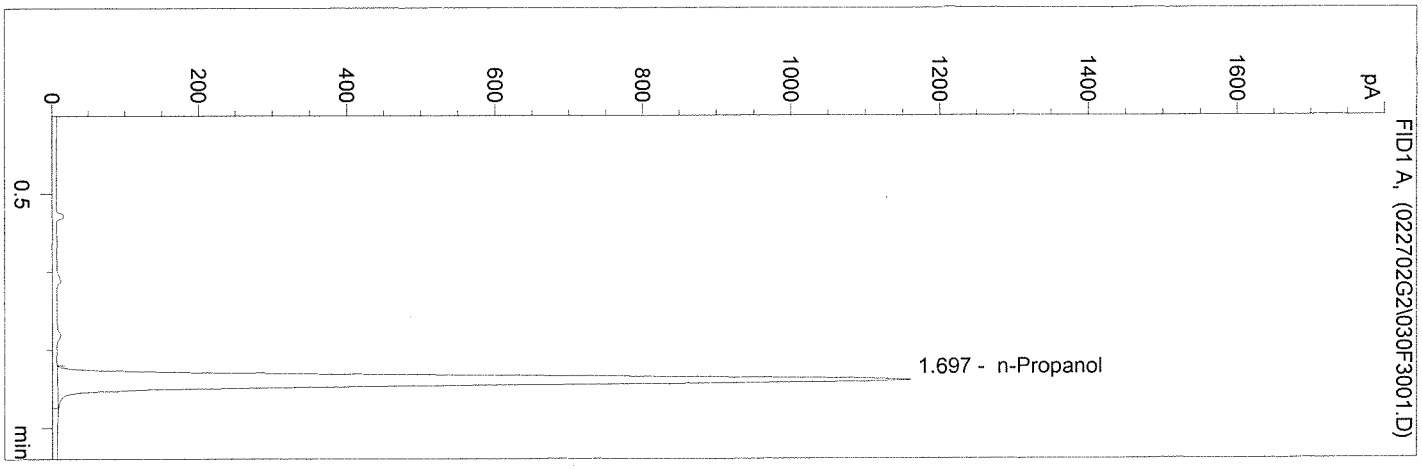


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/27/02 1:30:55 PM
Instrument 1
-ALC1

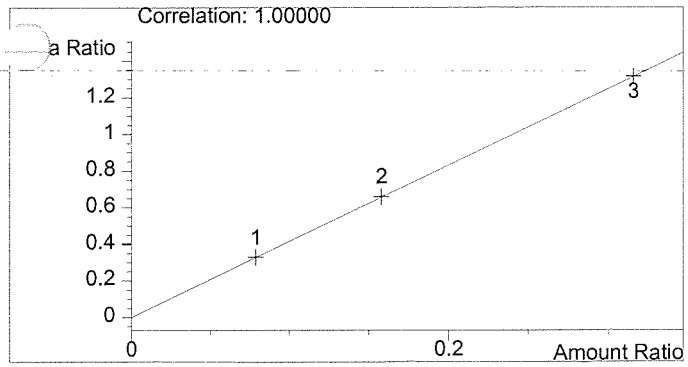
BLANK
GENE SCHWILKE

vial # 30

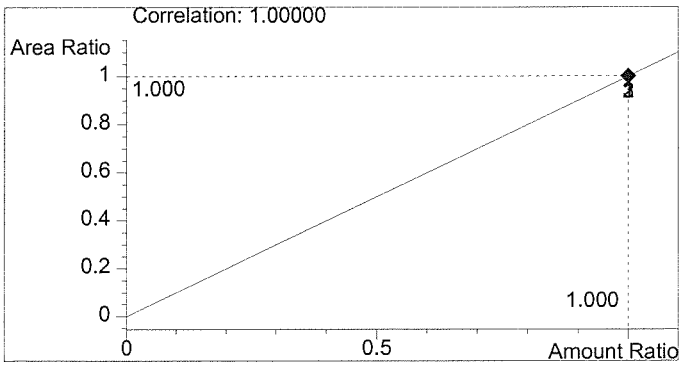


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4811	1.697

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

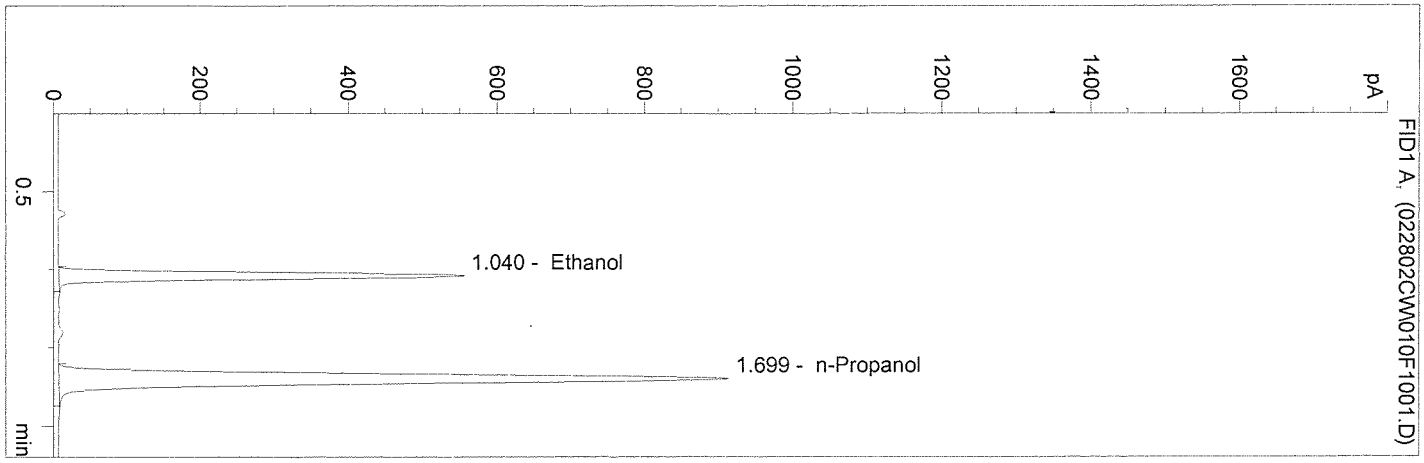
WASHINGTON STATE TOXICOLOGY LABORATORY

Calibration in 021187

C:\HPCHEM\1\METHODS\BLDALCO.M
2/28/02 9:54:38 AM
Instrument 1
-ALC1

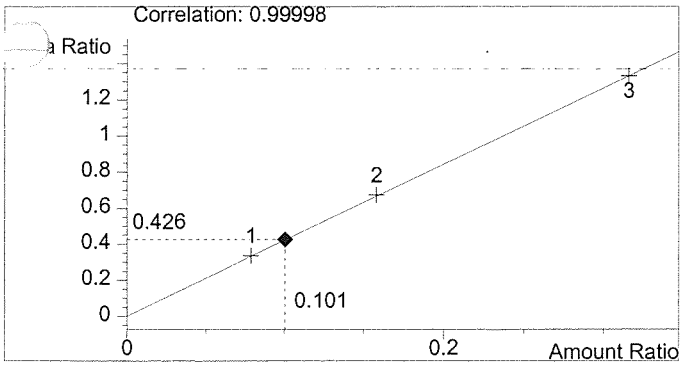
SIM SOL 02006
EGLE WEISS

vial # 10

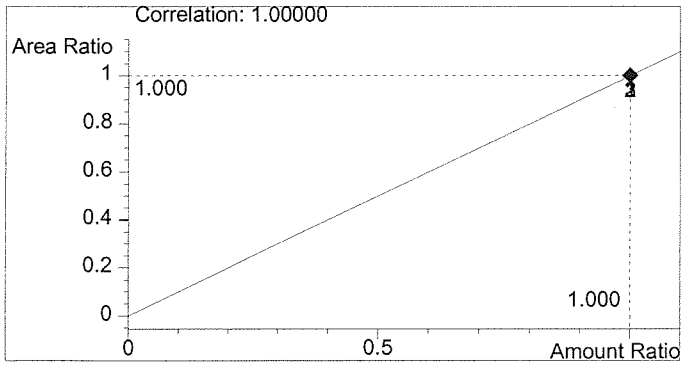


#	Compound	Area	RT
1	Ethanol	1609	1.040
2	n-Propanol	3773	1.699

Totals:



Ethanol 0.101 g/100ml

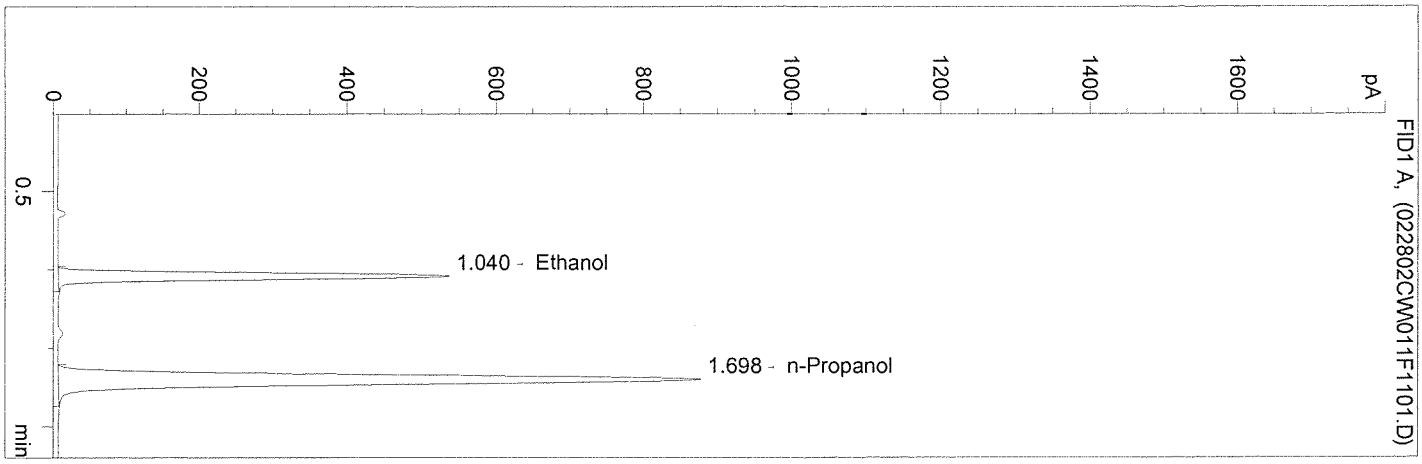


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/28/02 9:57:39 AM
Instrument 1
-ALC1

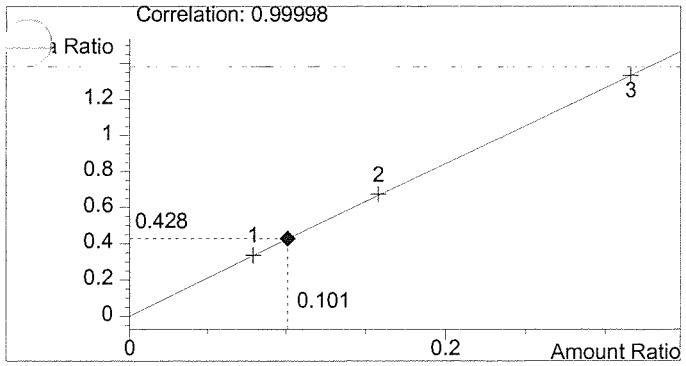
SIM SOL 02006
EGLE WEISS

vial # 11

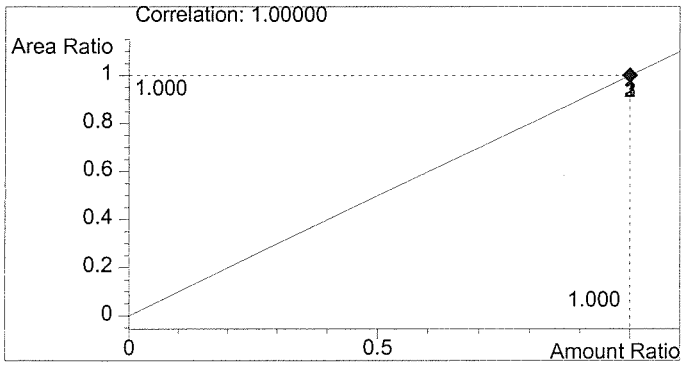


#	Compound	Area	RT
1	Ethanol	1549	1.040
2	n-Propanol	3620	1.698

Totals:



Ethanol 0.101 g/100ml



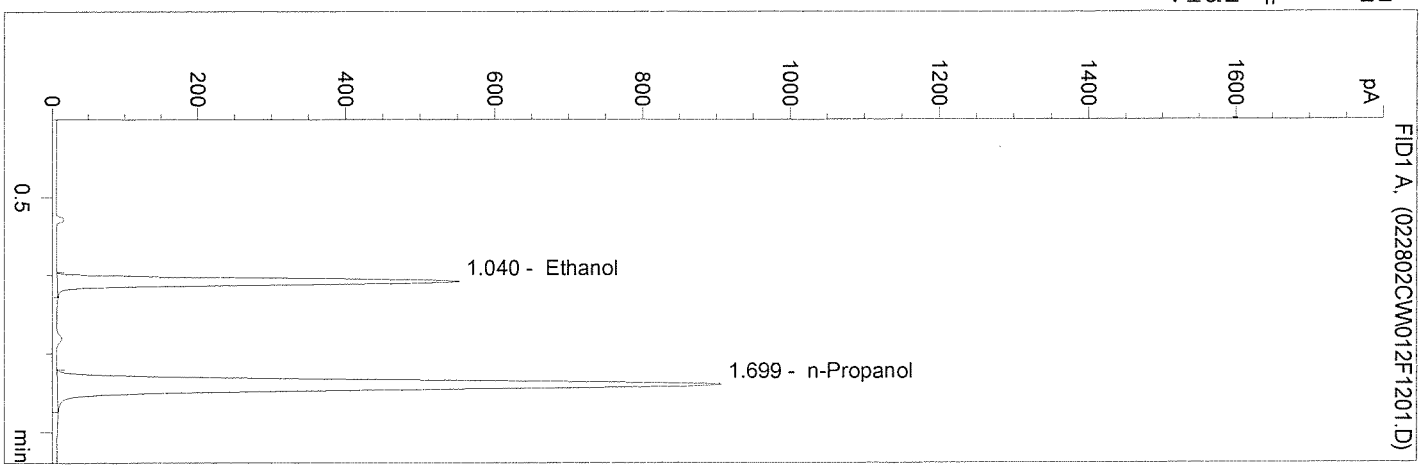
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/28/02 10:00:41 AM
Instrument 1
-ALC1

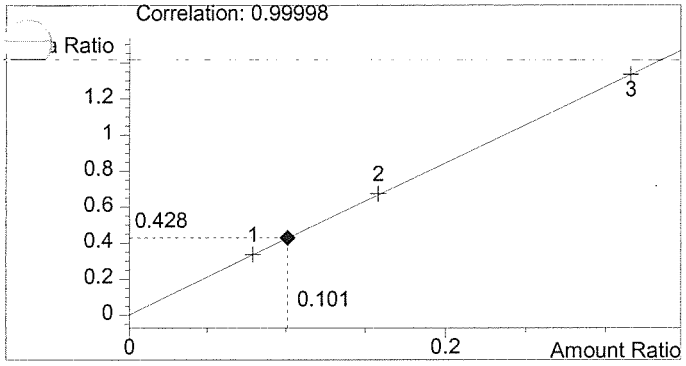
SIM SOL 02006
EGLE WEISS

vial # 12

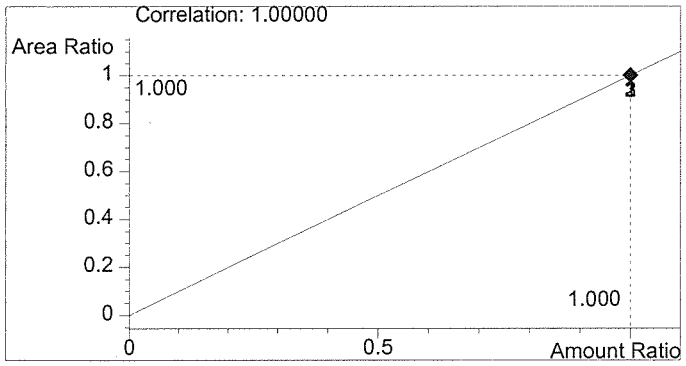


#	Compound	Area	RT
1	Ethanol	1605	1.040
2	n-Propanol	3749	1.699

Totals:



Ethanol 0.101 g/100ml



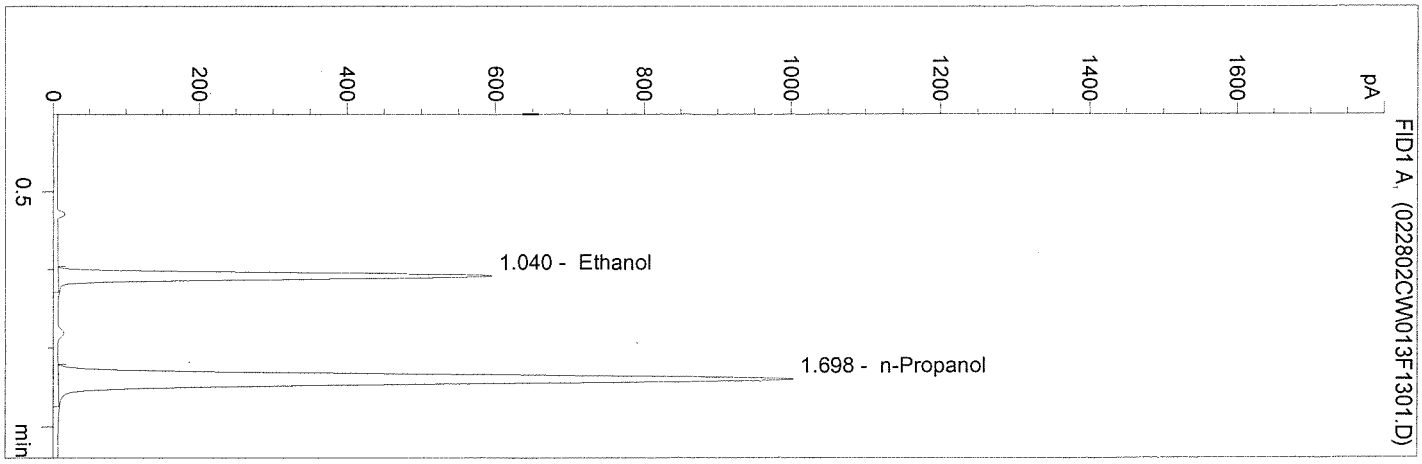
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/28/02 10:04:05 AM
Instrument 1
ALC1

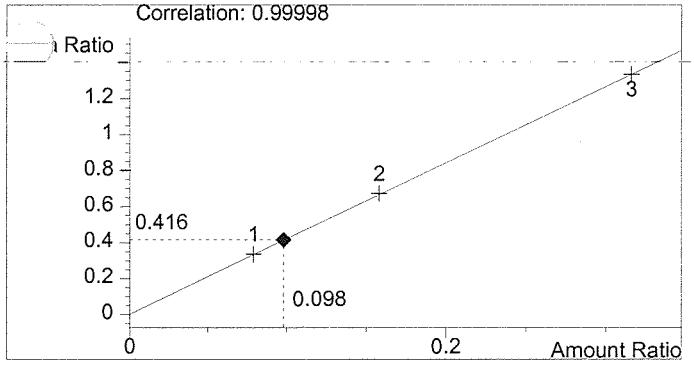
SIM SOL 02006
EGLE WEISS

vial # 13

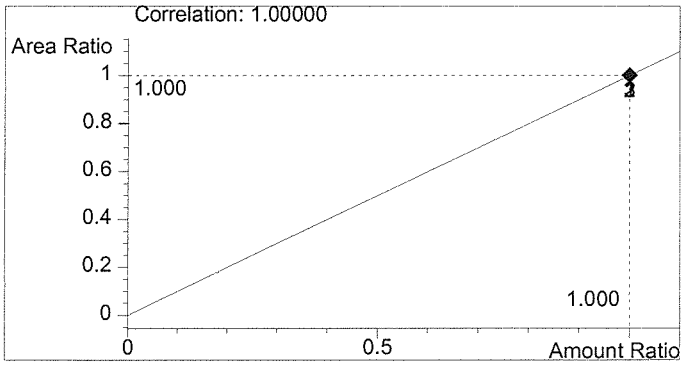


#	Compound	Area	RT
1	Ethanol	1719	1.040
2	n-Propanol	4132	1.698

Totals:



Ethanol 0.098 g/100ml

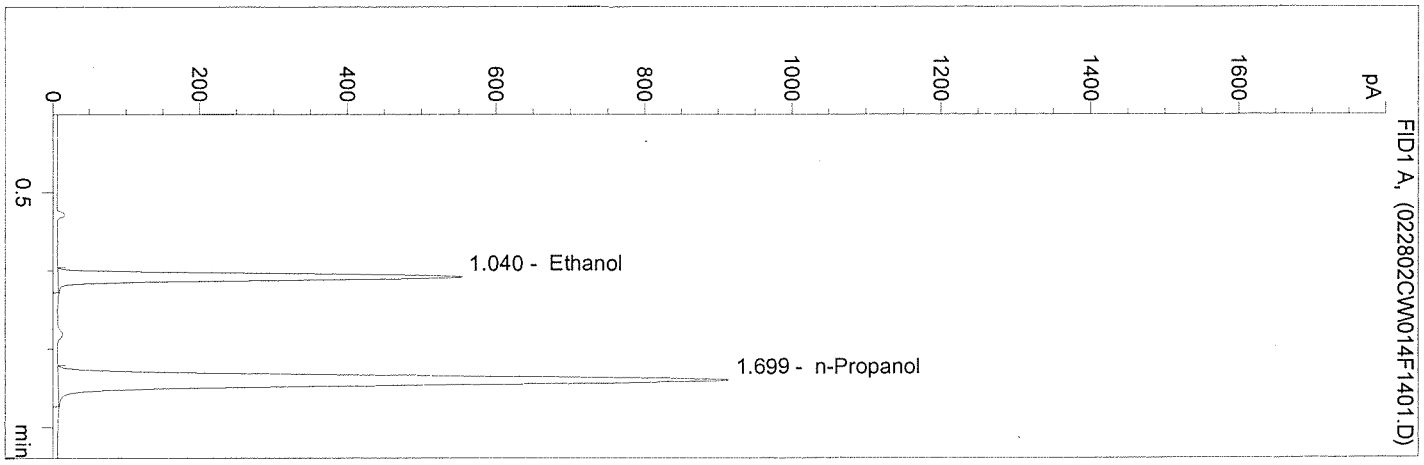


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
2/28/02 10:07:07 AM
Instrument 1
-ALC1

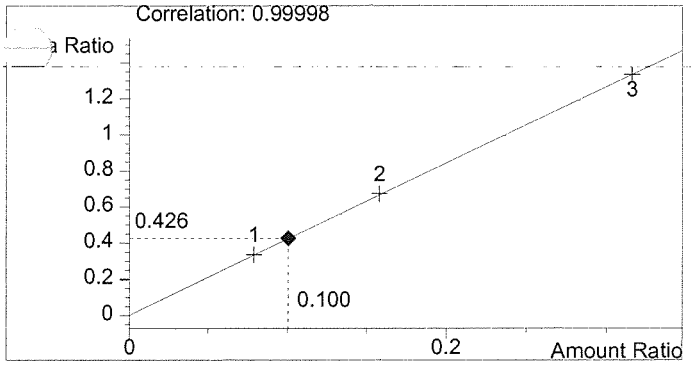
SIM SOL 02006
EGLE WEISS

vial # 14

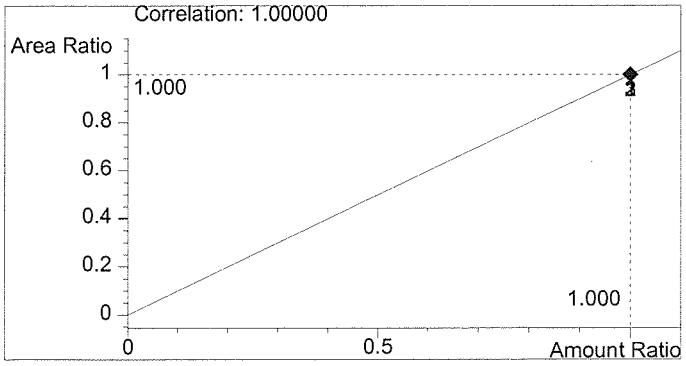


#	Compound	Area	RT
1	Ethanol	1606	1.040
2	n-Propanol	3770	1.699

Totals:



Ethanol 0.100 g/100ml



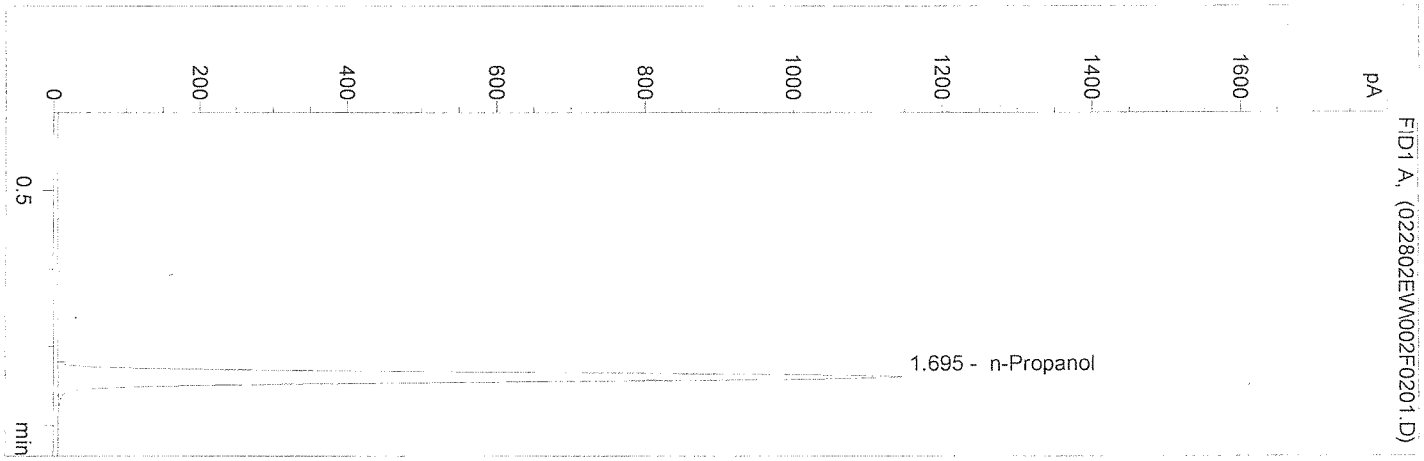
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
2/28/02 11:23:22 AM
Instrument 1
DB-ALC1

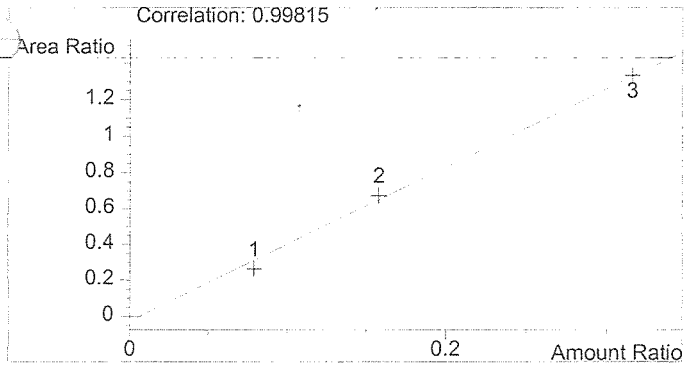
BLK
EGLE WEISS

vial # 2

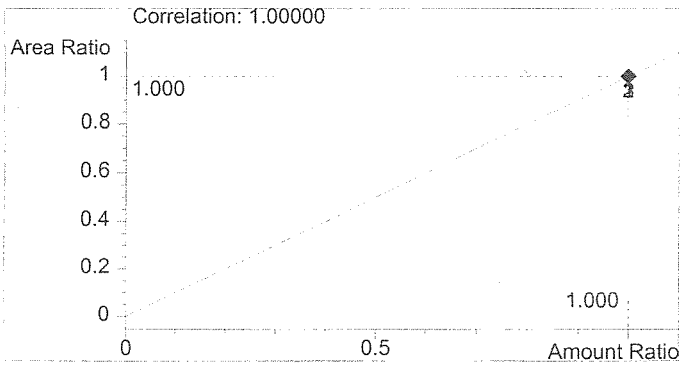


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4705	1.695

Totals:



Ethanol 0.000 g/100ml



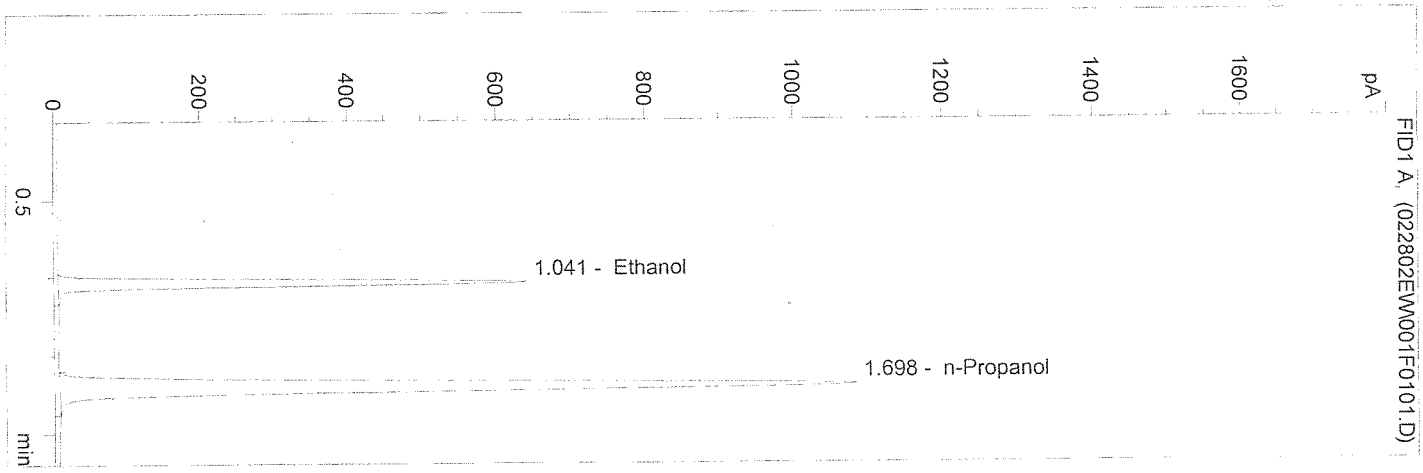
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
28/02 11:20:20 AM
Instrument 1
DB-ALC1

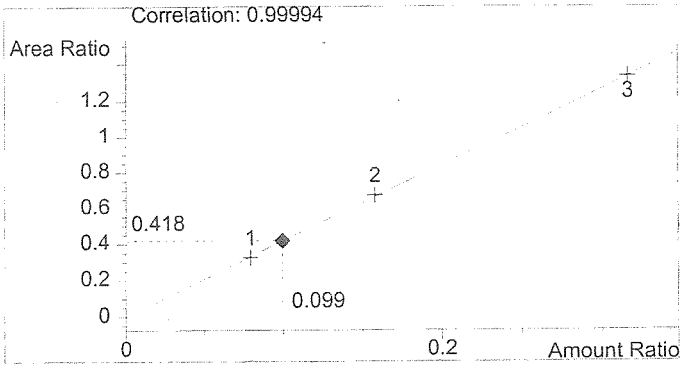
0.101 CONTROL
EGLE WEISS

vial # 1

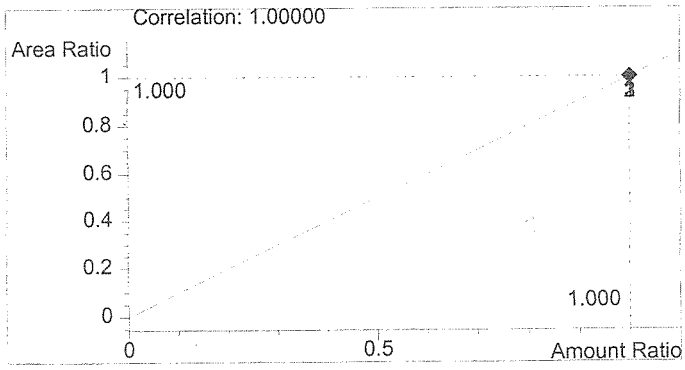


#	Compound	Area	RT
1	Ethanol	1874	1.041
2	n-Propanol	4485	1.698

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml