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

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

Batch number **03019** Date: 6/17/2003

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

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.103	0.103	0.103	0.104	0.101	0.101	0.100	0.102	0.101			
2	0.104	0.102	0.103	0.103	0.101	0.103	0.100	0.100	0.102			
3	0.103	0.103	0.103	0.103	0.101	0.102	0.100	0.101	0.101			
4	0.103	0.102	0.103	0.103	0.102	0.106	0.101	0.102	0.101			
5	0.103	0.102	0.103	0.103	0.101	0.103	0.102	0.101	0.102			
Ctrl	0.101	0.094	0.099	0.100	0.099	0.099	0.097	0.096	0.099			

External Control:

Lot #: A022167 Exp date: 01/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1021 g/100 mL

SD: 0.00124

Range (3xSD): 0.0984 to 0.1059

Precision CV (%): 1.2170 %

Equivalent vapor concent.: 0.0830 g/210L

Analyst	Name	Signature	Date
1	Edward Formoso		06/30/03
2	Mary E Wilson		06/17/03
3	Asa Louis		06/20/03
4	Estuardo J. Miranda		06/20/03
5	Eugene Schwilke		06/23/03
6	Jayne E.Thatcher		06/23/03
7	Naziha Nuwayhid, PhD		06/24/03
8	Melissa Pemberton		06/26/03
9	William P Marshall		06/25/03
10			
11			
12			

Prepared by: Edward Formoso according to the approved protocol

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03019, was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/bf
EFSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

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 03019, was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/bf
MPSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03019, was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/bf
AJLSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03019, was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/bf
MEWSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator Solution, Lot Number 03019 was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/bf
EMSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03019, was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

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

GS/bf
GSSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03019, was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/bf
JTSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Naziha Nuwayhid, do certify under penalty of perjury that:

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

I possess the following qualifications: Bachelor and Masters degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and three years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The simulator solution, Lot Number 03019, was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/bf
NNSIMSOL

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360•Seattle, Washington 98134-2027•(206) 262-6100•FAX (206) 262-6145

BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03019, was prepared in the Washington State Toxicology Laboratory on 6/17/03. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/17/04.

Dated: 7/2/03
Seattle, WA

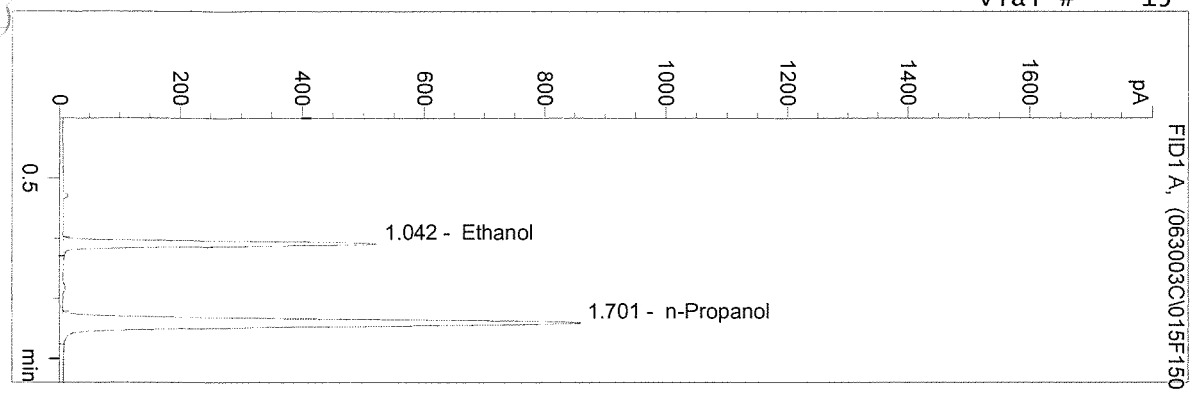
William P. Marshall
Forensic Toxicologist

WM/bf
WMSIMSOL

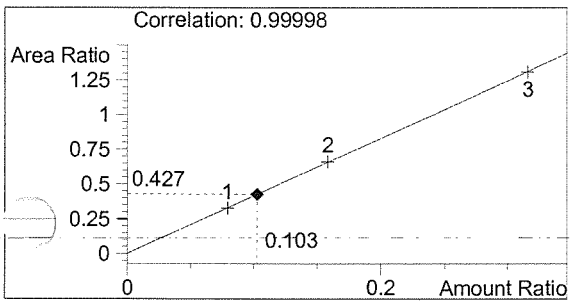
C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 10:39:05 AM
Instrument 1
ALC1

03019
ED FORMOSO

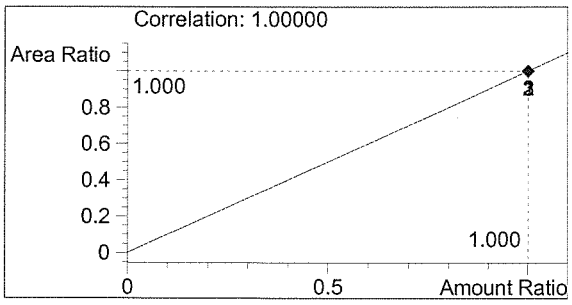
vial # 15



#	Compound	Area	RT
1	Ethanol	1529	1.042
2	n-Propanol	3580	1.701
Totals:			



Ethanol 0.103 g/100ml

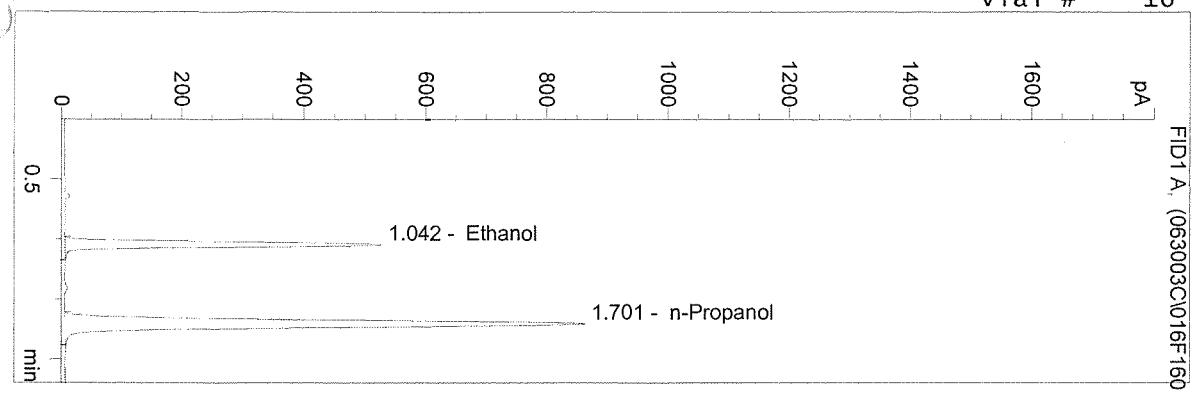


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 10:42:07 AM
Instrument 1
ALC1

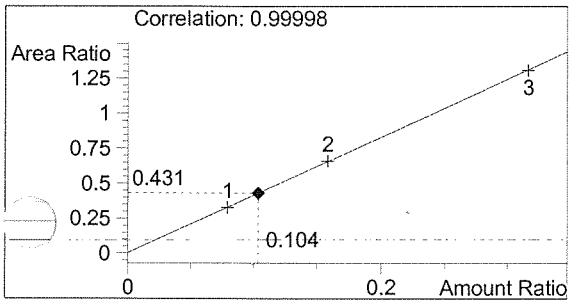
03019
ED FORMOSO

vial # 16

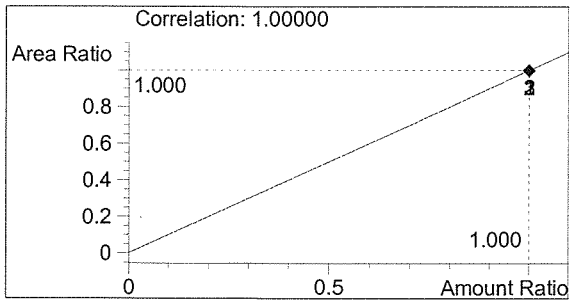


#	Compound	Area	RT
1	Ethanol	1548	1.042
2	n-Propanol	3593	1.701

Totals:



Ethanol 0.104 g/100ml

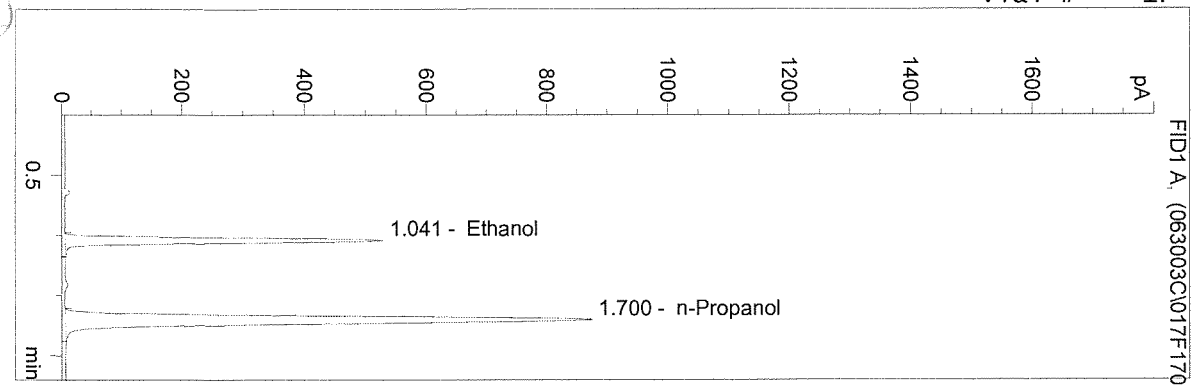


n-Propanol 1.000 g/100ml

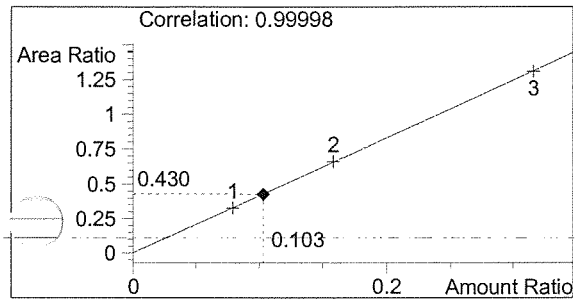
C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 10:45:28 AM
Instrument 1
ALC1

03019
ED FORMOSO

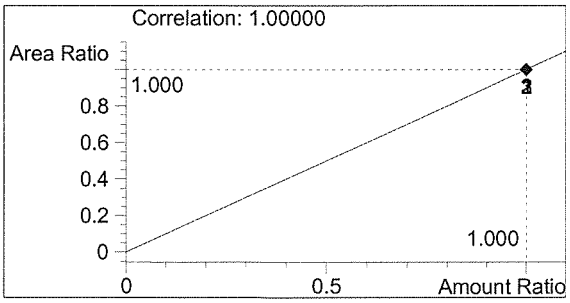
vial # 17



#	Compound	Area	RT
1	Ethanol	1569	1.041
2	n-Propanol	3652	1.700
Totals:			



Ethanol 0.103 g/100ml



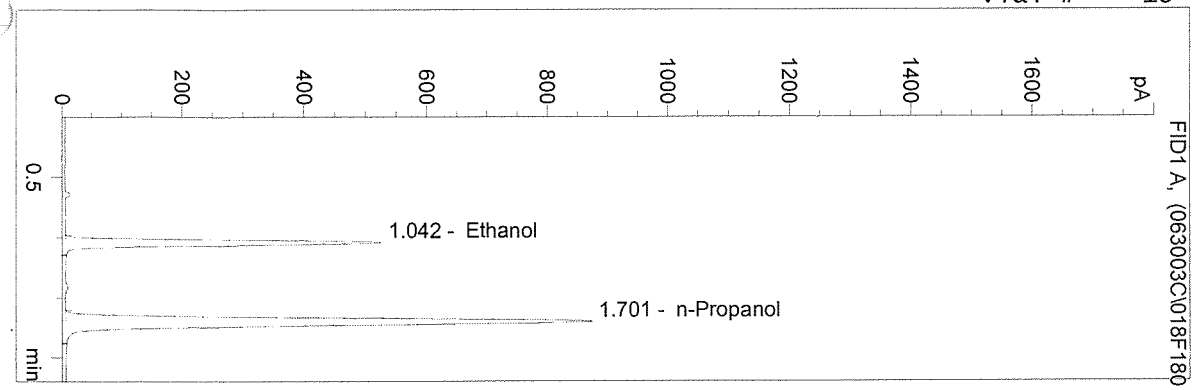
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 10:48:29 AM
Instrument 1
ALC1

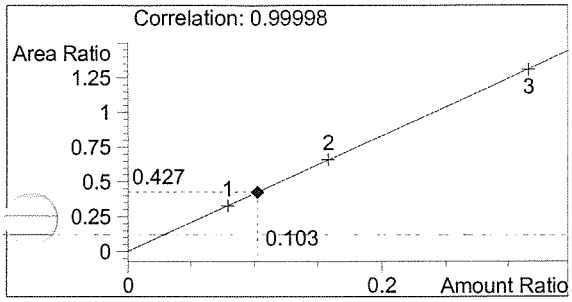
03019
ED FORMOSO

vial # 18

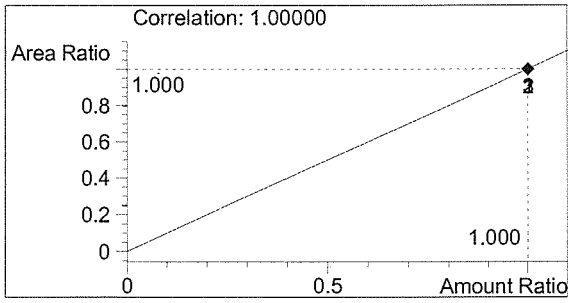


#	Compound	Area	RT
1	Ethanol	1564	1.042
2	n-Propanol	3663	1.701

Totals:



Ethanol 0.103 g/100ml

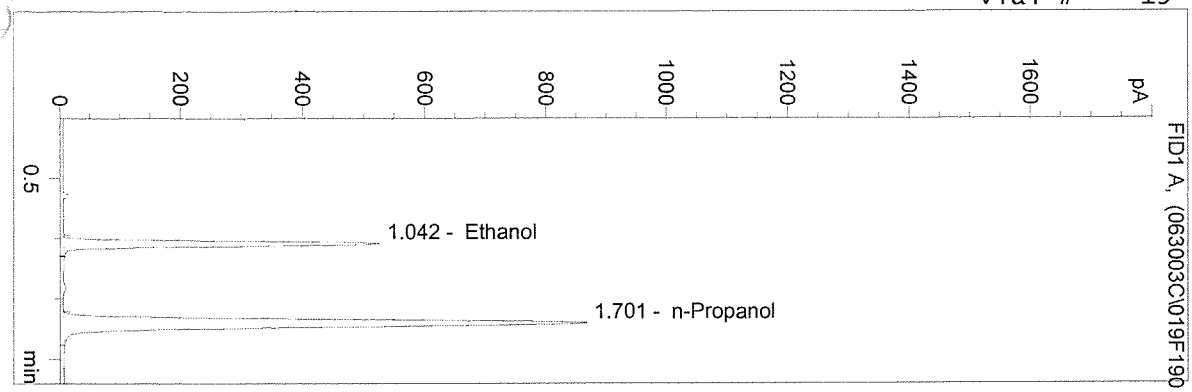


n-Propanol 1.000 g/100ml

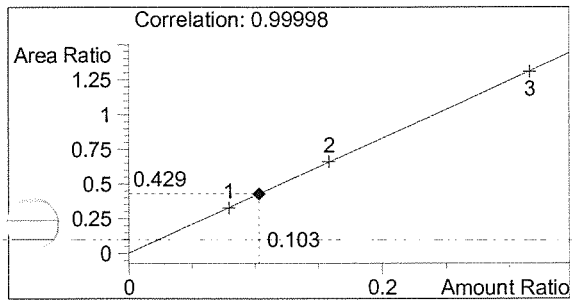
C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 10:51:31 AM
Instrument 1
ALC1

03019
ED FORMOSO

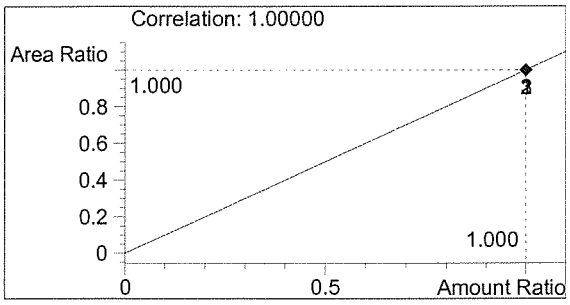
vial # 19



#	Compound	Area	RT
1	Ethanol	1553	1.042
2	n-Propanol	3619	1.701
Totals:			



Ethanol 0.103 g/100ml

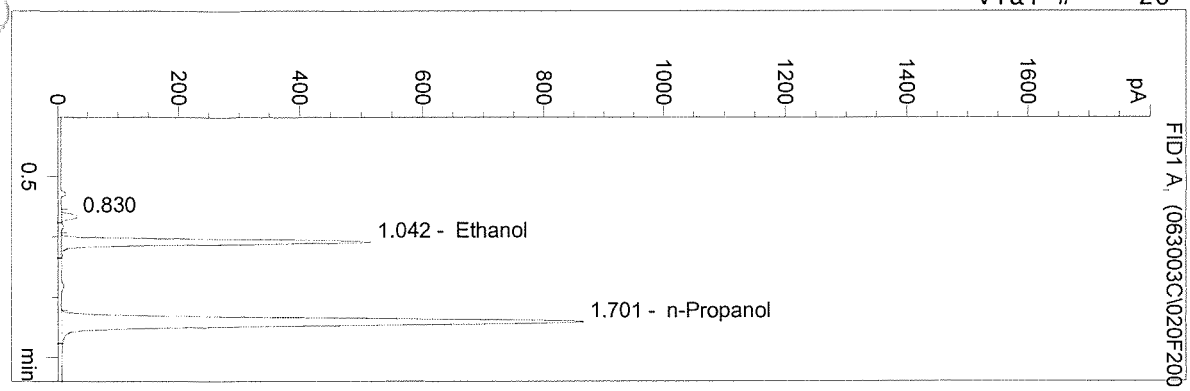


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 10:54:33 AM
Instrument 1
ALC1

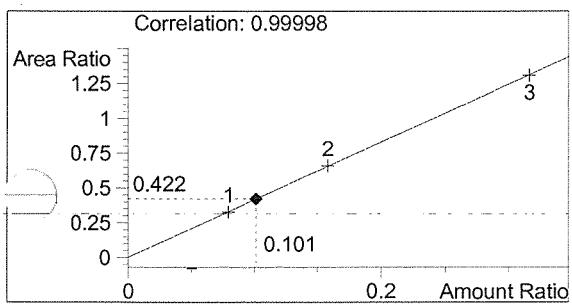
0.10 CONTROL
ED FORMOSO

vial # 20

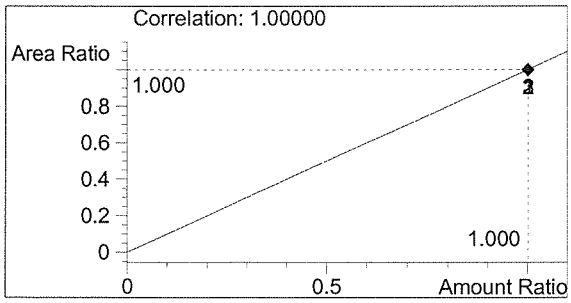


#	Compound	Area	RT
1		80	0.830
2	Ethanol	1520	1.042
3	n-Propanol	3605	1.701

Totals:



Ethanol 0.101 g/100ml

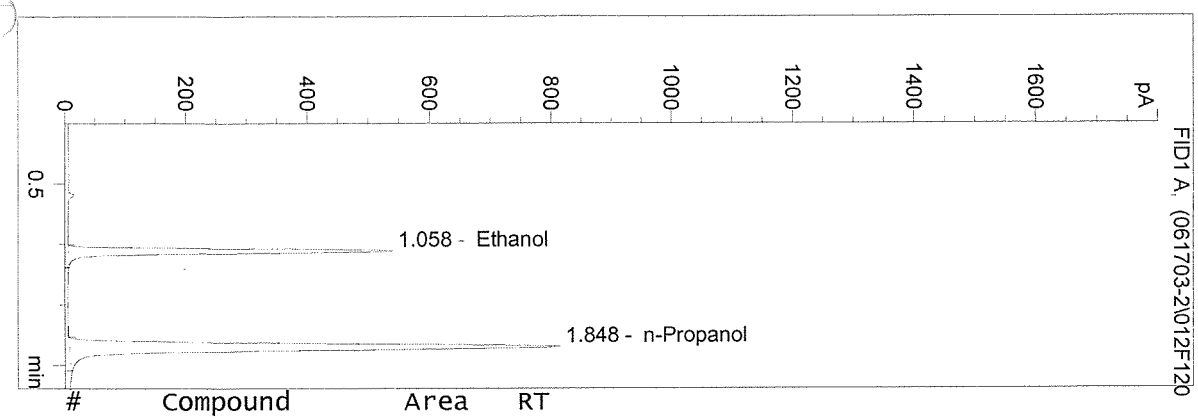


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/17/03 3:22:28 PM
Instrument 2
ALC1

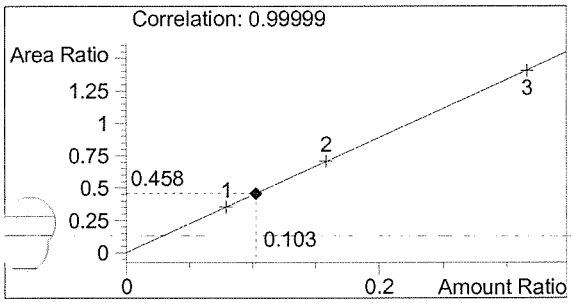
03019SS
MARY WILSON

vial # 12

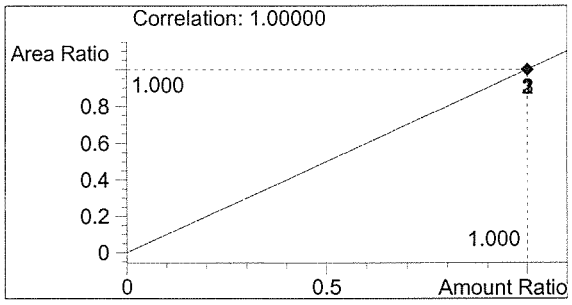


#	Compound	Area	RT
1	Ethanol	1437	1.058
2	n-Propanol	3134	1.848

Totals:



Ethanol 0.103 g/100ml



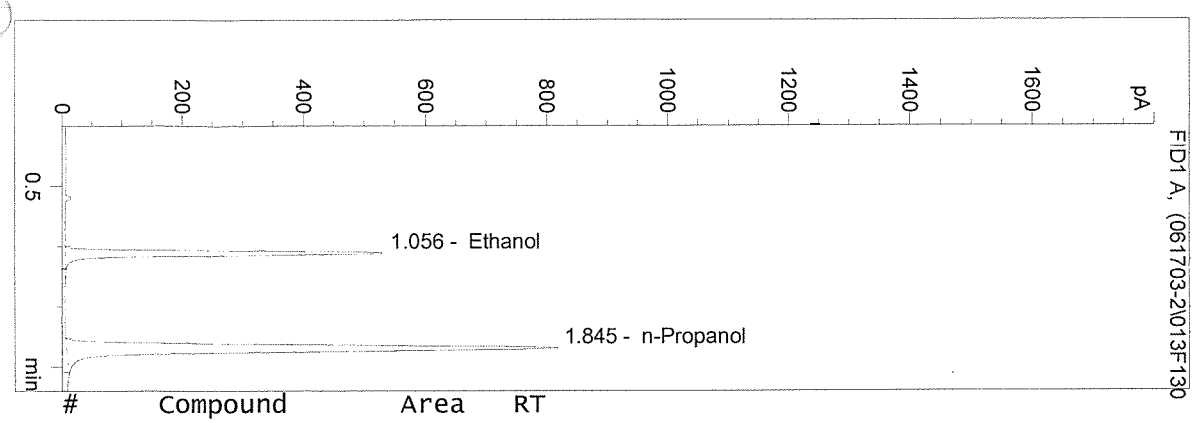
n-Propanol 1.000 g/100ml

Calibration C 033749

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/17/03 3:25:51 PM
Instrument 2
ALC1

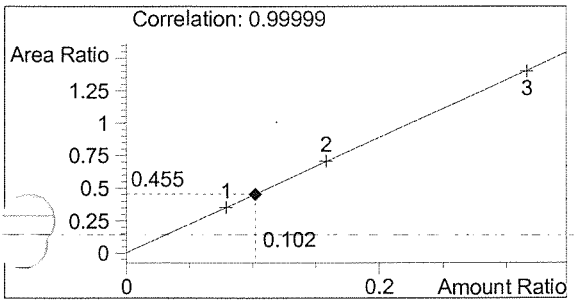
03019SS
MARY WILSON

vial # 13

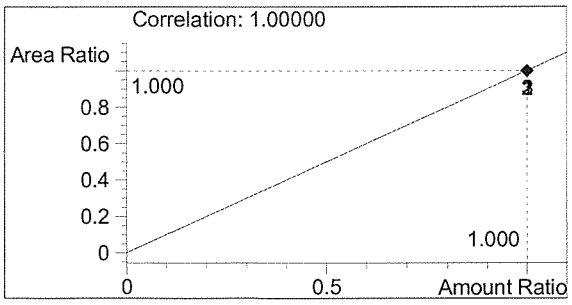


#	Compound	Area	RT
1	Ethanol	1433	1.056
2	n-Propanol	3148	1.845

Totals:



Ethanol 0.102 g/100ml

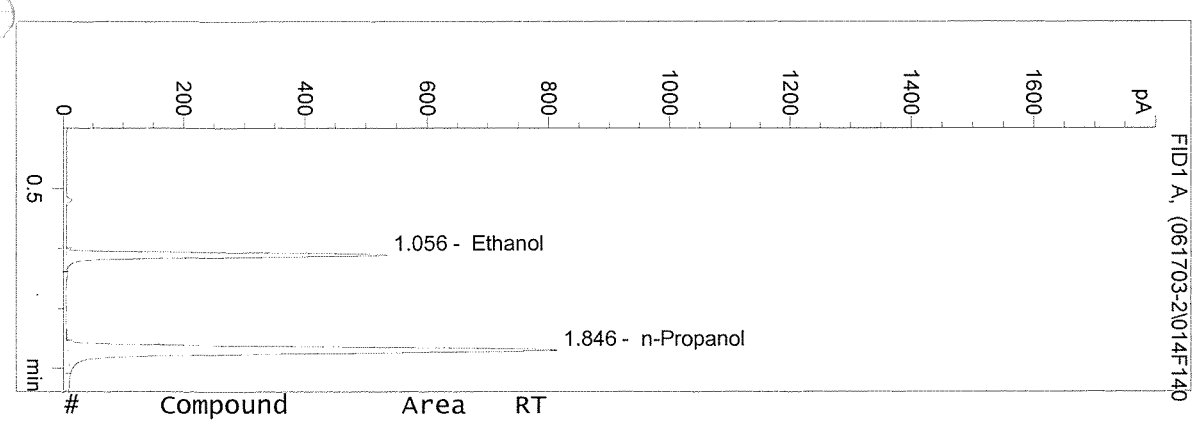


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/17/03 3:28:53 PM
Instrument 2
ALC1

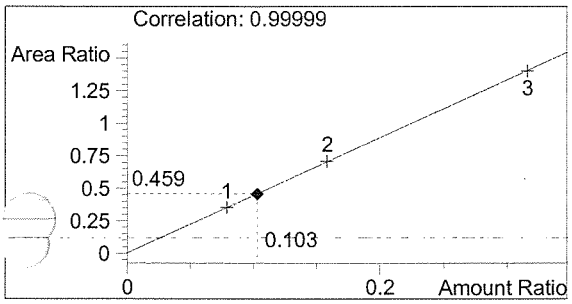
03019SS
MARY WILSON

vial # 14

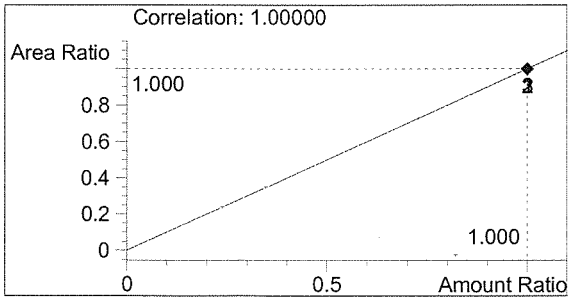


#	Compound	Area	RT
1	Ethanol	1436	1.056
2	n-Propanol	3130	1.846

Totals:



Ethanol 0.103 g/100ml



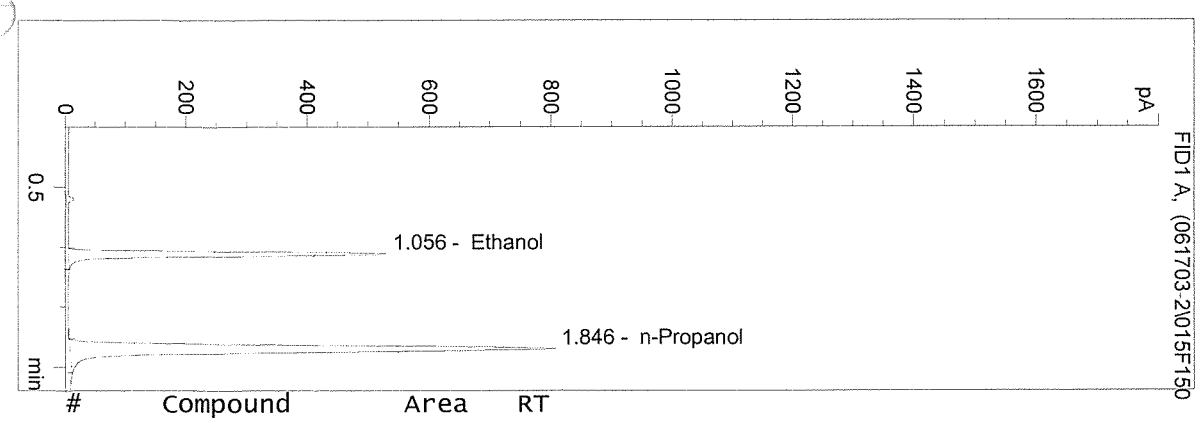
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/17/03 3:31:55 PM
Instrument 2
ALC1

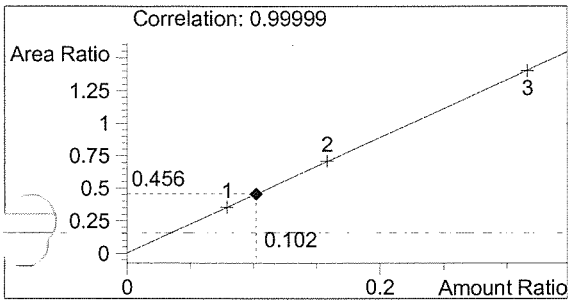
03019SS
MARY WILSON

vial # 15

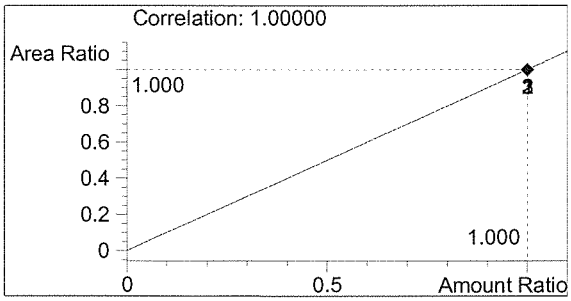


#	Compound	Area	RT
1	Ethanol	1415	1.056
2	n-Propanol	3104	1.846

Totals:



Ethanol 0.102 g/100ml



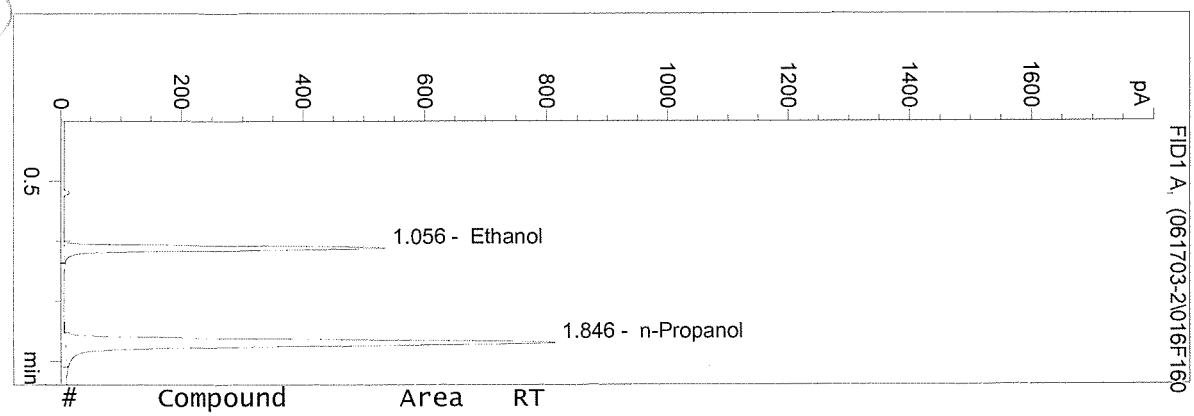
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/17/03 3:34:57 PM
Instrument 2
ALC1

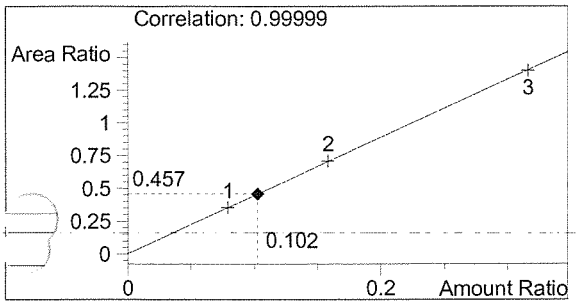
03019SS
MARY WILSON

vial # 16

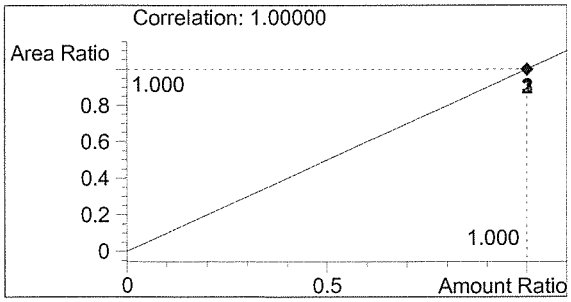


#	Compound	Area	RT
1	Ethanol	1432	1.056
2	n-Propanol	3131	1.846

Totals:



Ethanol 0.102 g/100ml



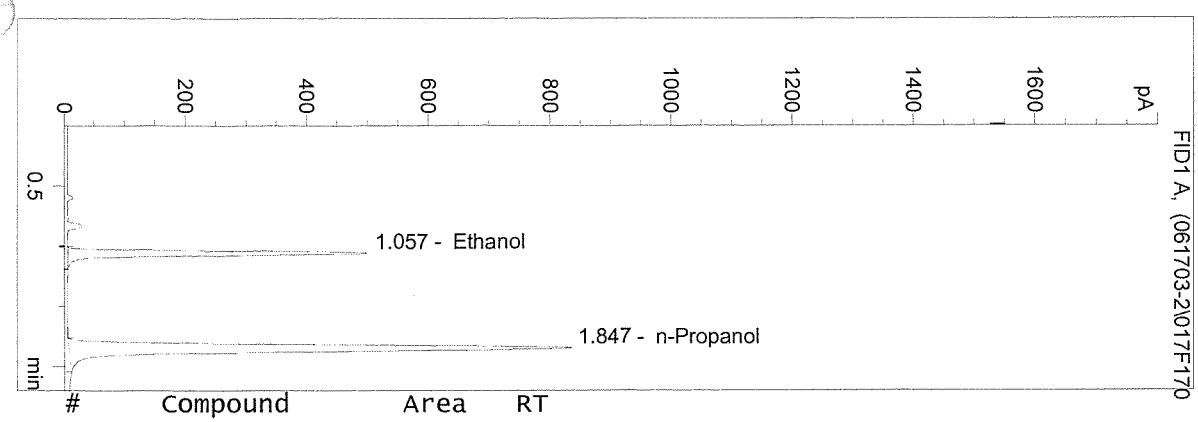
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/17/03 3:38:13 PM
Instrument 2
ALC1

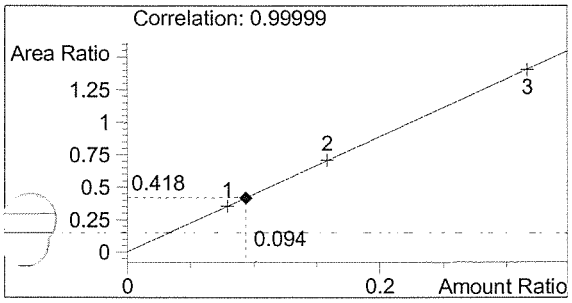
0.10CTL
MARY WILSON

vial # 17

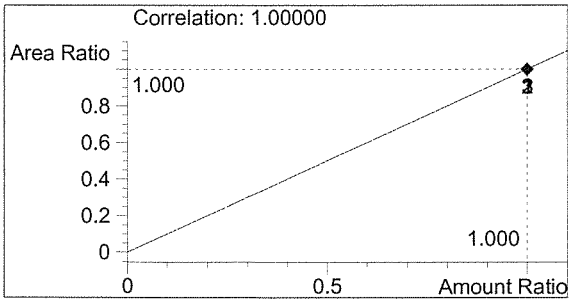


#	Compound	Area	RT
1	Ethanol	1345	1.057
2	n-Propanol	3215	1.847

Totals:



Ethanol 0.094 g/100ml



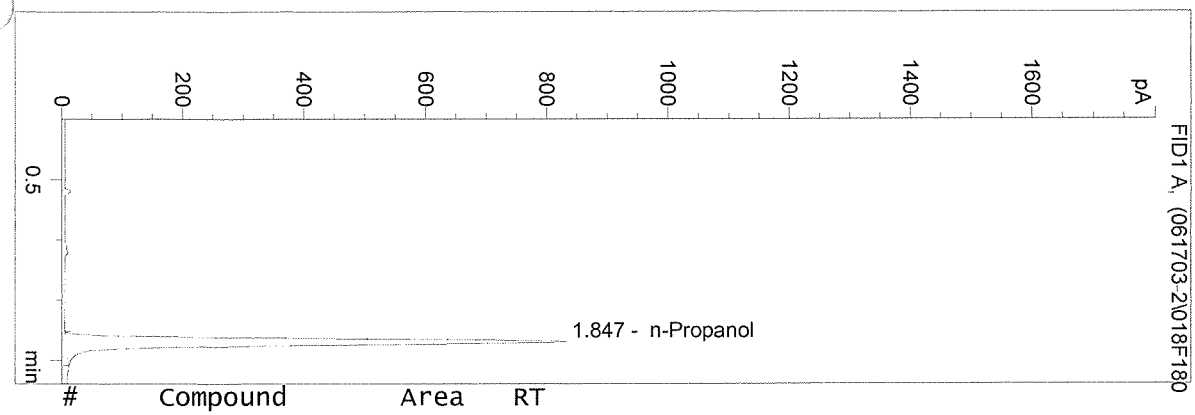
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
6/17/03 3:41:16 PM
Instrument 2
ALC1

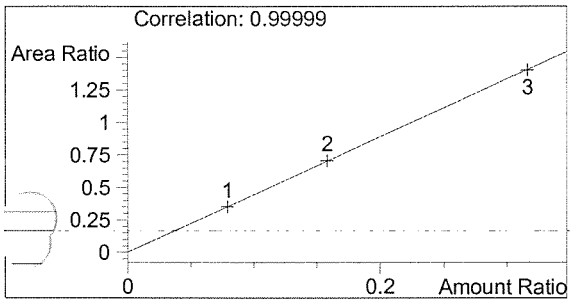
BLANK
MARY WILSON

vial # 18

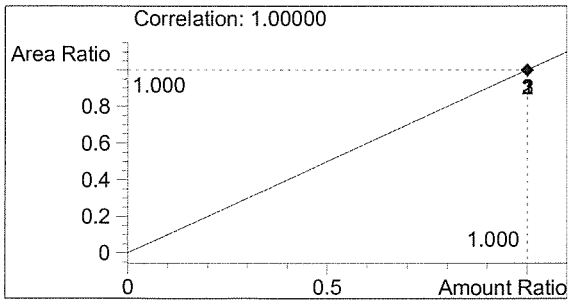


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3188	1.847

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	blank	BLDALCO3	1	Sample		
2	2	0.079 std	BLDALCO3	1	Calib		
3	3	0.158 std	BLDALCO3	1	Calib		
4	4	0.316 std	BLDALCO3	1	Calib		
5	5	0.040 vol	EMVOL	1	Calib		
6	6	0.080 vol	EMVOL	1	Calib		
7	7	0.02	BLDALCO3	1	Sample		
8	8	0.040 con	BLDALCO3	1	Ctrl Samp		
9	9	0.100 con	BLDALCO3	1	Ctrl Samp		
10	10	0.200 con	BLDALCO3	1	Ctrl Samp		
11	11	03019 sim sol	BLDALCO3	1	Sample		
12	12	03019 sim sol	BLDALCO3	1	Sample		
13	13	03019 sim sol	BLDALCO3	1	Sample		
14	14	03019 sim sol	BLDALCO3	1	Sample		
15	15	03019 sim sol	BLDALCO3	1	Sample		

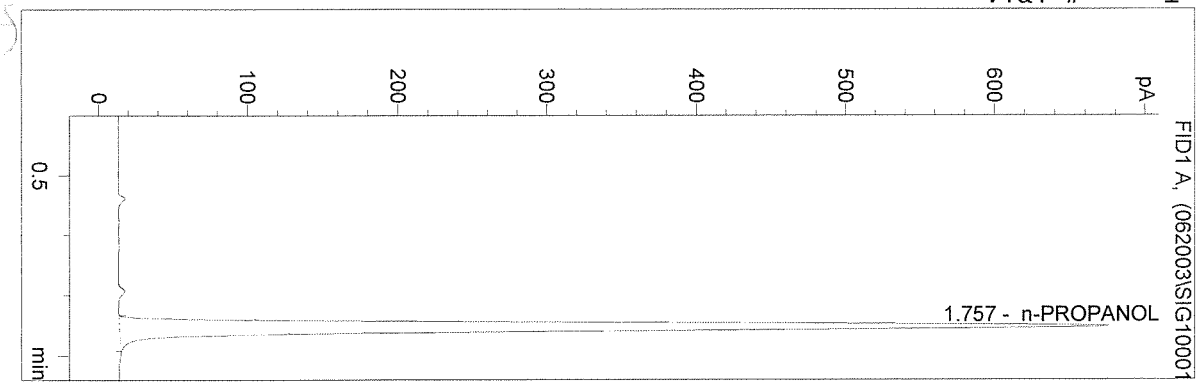
Sequence Table (Back Injector):

No entries - empty table!

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 7:53:55 AM
Instrument 3
ALC1

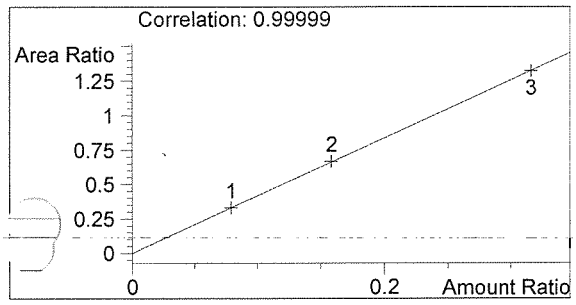
blank
alouis

vial # 1

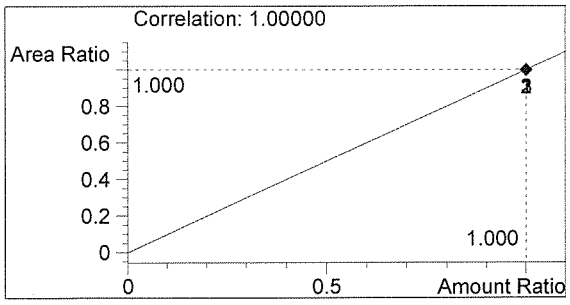


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3041	1.757

Totals:



ETHANOL 0.000 g/100mL



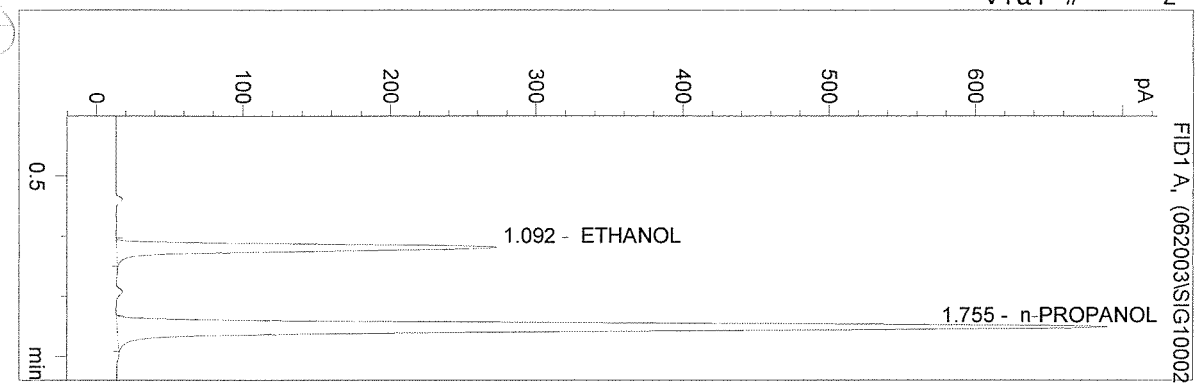
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 7:57:17 AM
Instrument 3
ALC1

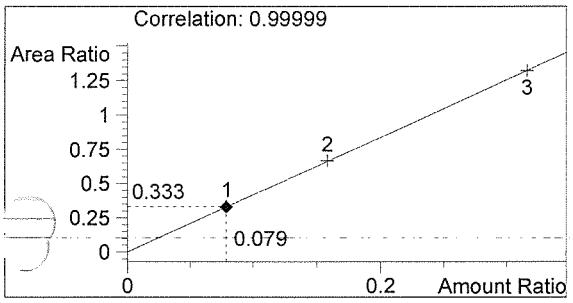
0.079 std
alouis

vial # 2

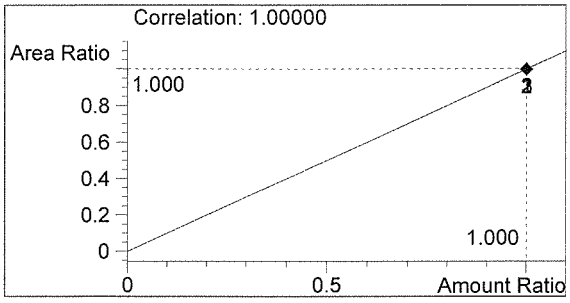


#	Compound	Area	RT
1	ETHANOL	1025	1.092
2	n-PROPANOL	3084	1.755

Totals:



ETHANOL 0.079 g/100mL



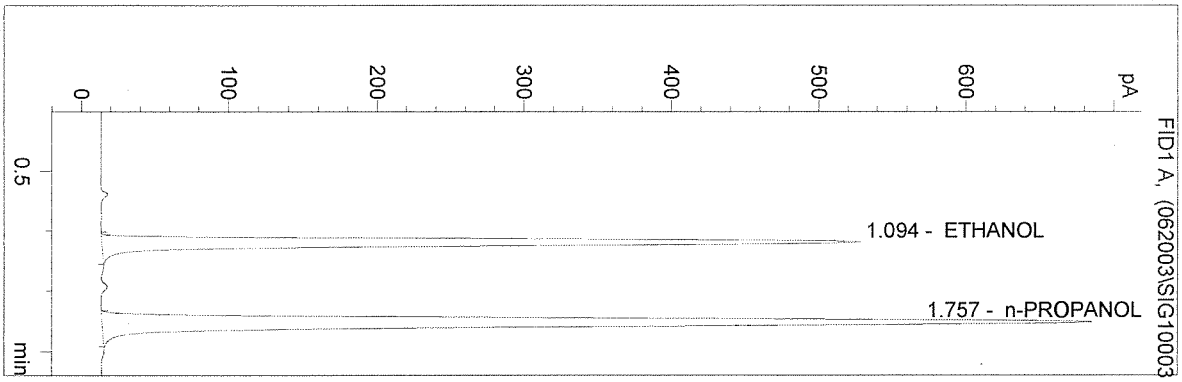
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:00:40 AM
Instrument 3
ALC1

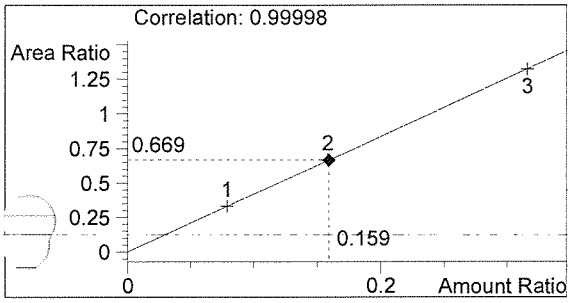
0.158 std
alouis

vial # 3

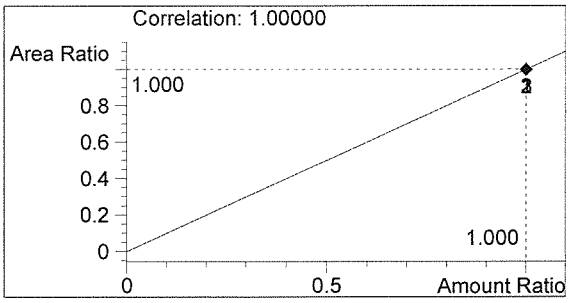


#	Compound	Area	RT
1	ETHANOL	2063	1.094
2	n-PROPANOL	3083	1.757

Totals:



ETHANOL 0.159 g/100mL

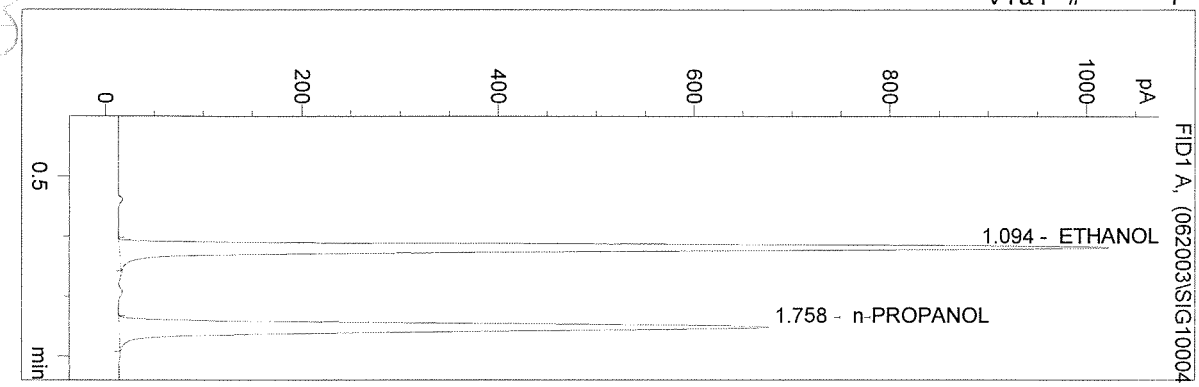


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:04:03 AM
Instrument 3
ALC1

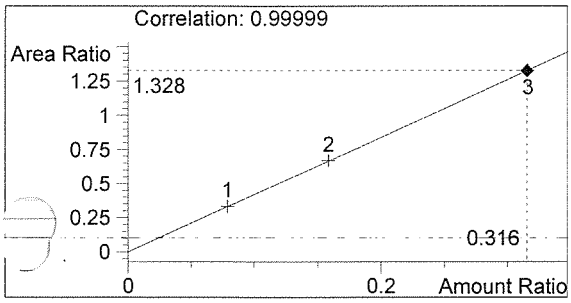
0.316 std
alouis

vial # 4

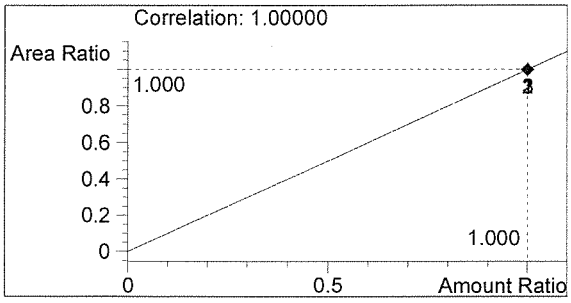


#	Compound	Area	RT
1	ETHANOL	4070	1.094
2	n-PROPANOL	3064	1.758

Totals:



ETHANOL 0.316 g/100mL

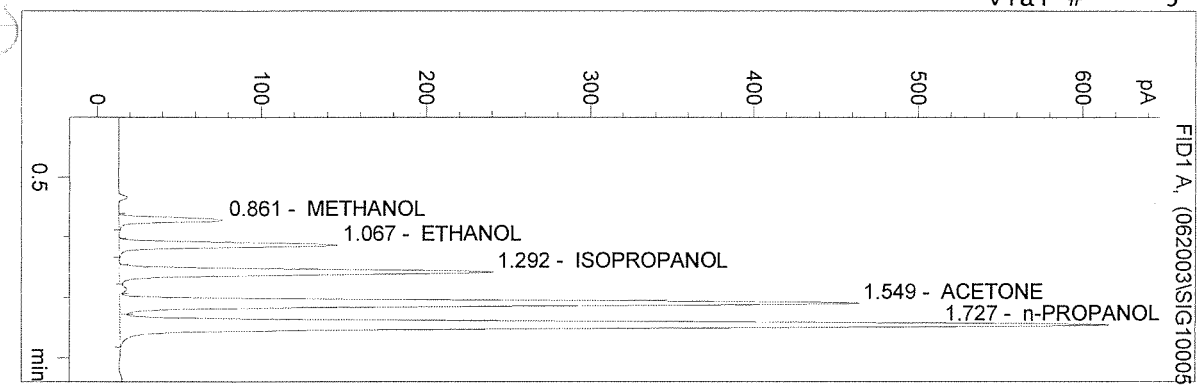


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\EMVOL.M
6/20/03 8:07:22 AM
Instrument 3
ALC1

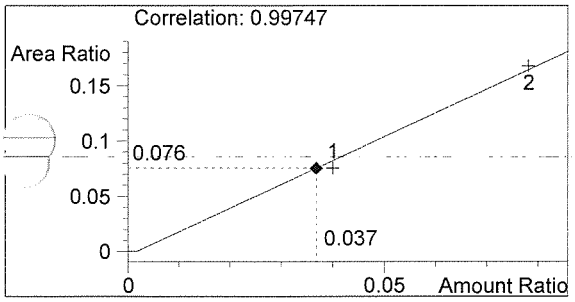
0.040 vol
alouis

vial # 5

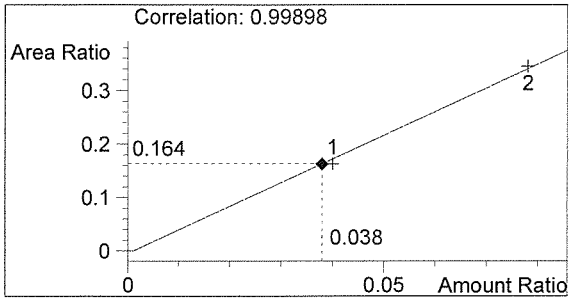


#	Compound	Area	RT
1	METHANOL	172	0.861
2	ETHANOL	372	1.067
3	ISOPROPANOL	724	1.292
4	ACETONE	1515	1.549
5	n-PROPANOL	2271	1.727

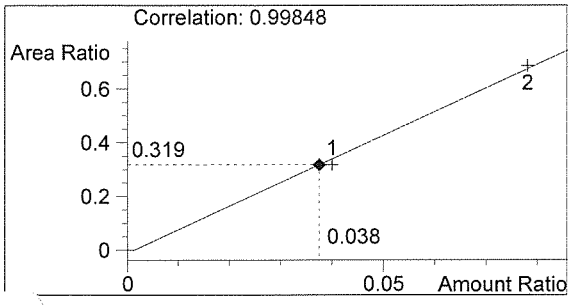
Totals:



METHANOL 0.037 g/100mL

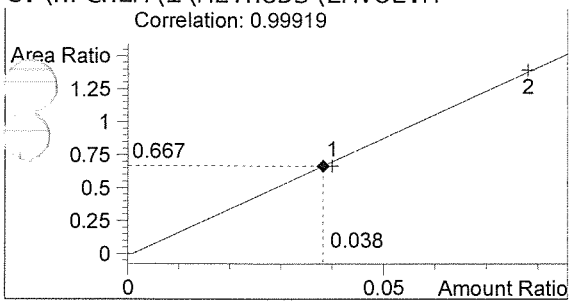


ETHANOL 0.038 g/100mL

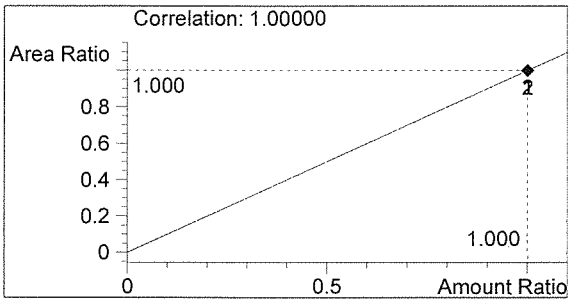


ISOPROPANOL 0.038 g/100mL

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



ACETONE 0.038 g/100mL



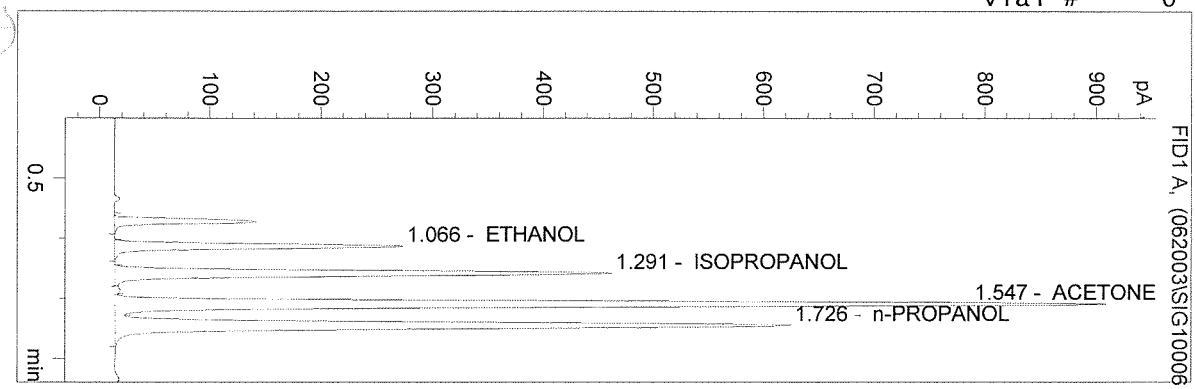
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\EMVOL.M
6/20/03 8:10:28 AM
Instrument 3
ALC1

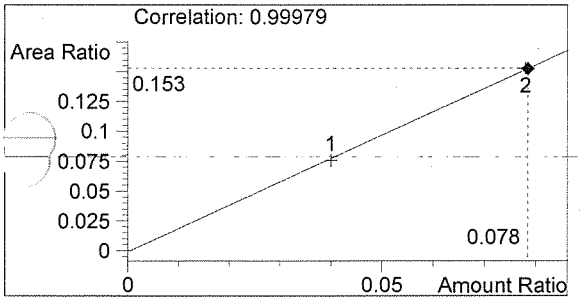
0.080 vol
alouis

vial # 6

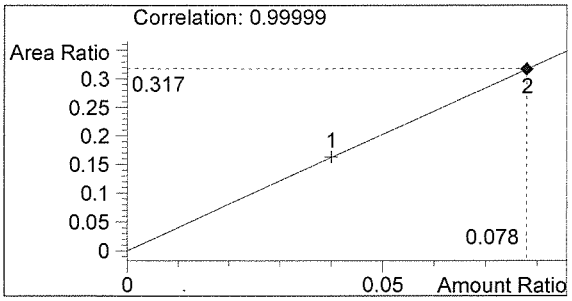


#	Compound	Area	RT
1	METHANOL	352	0.860
2	ETHANOL	730	1.066
3	ISOPROPANOL	1435	1.291
4	ACETONE	3014	1.547
5	n-PROPANOL	2301	1.726

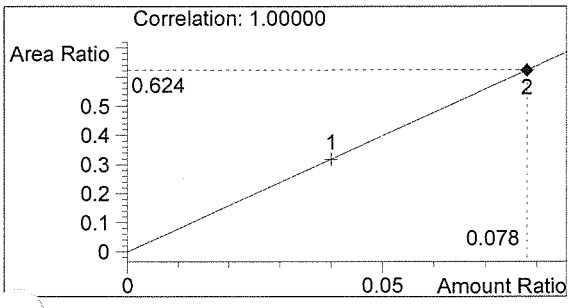
Totals:



METHANOL 0.078 g/100mL

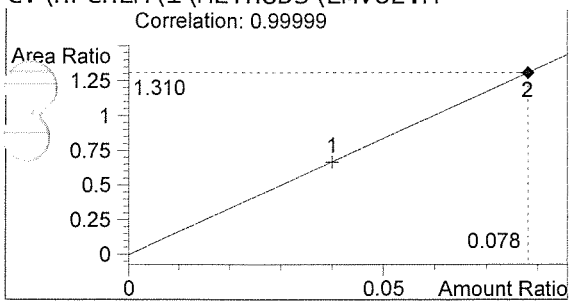


ETHANOL 0.078 g/100mL

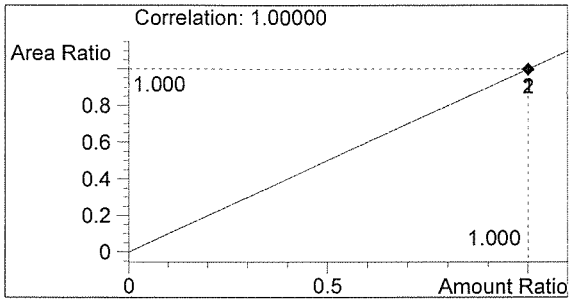


ISOPROPANOL 0.078 g/100mL

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



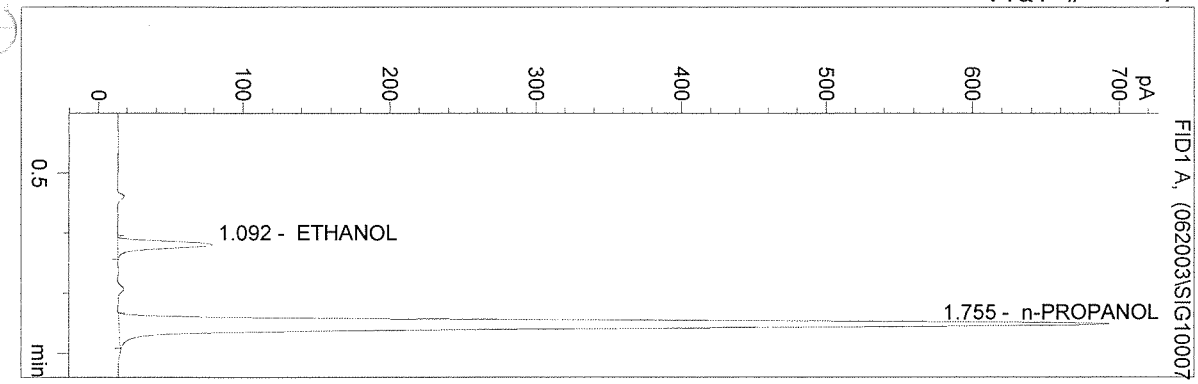
ACETONE 0.078 g/100mL



n-PROPANOL 1.000 g/100mL

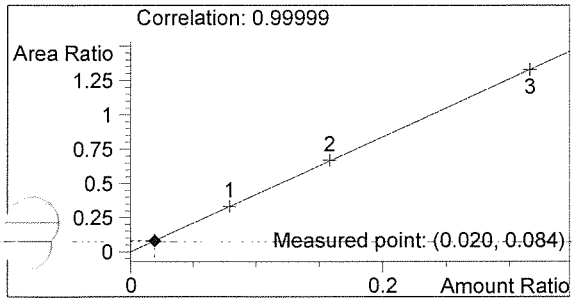
C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:13:35 AM 0.02
Instrument 3 alouis
ALC1

vial # 7

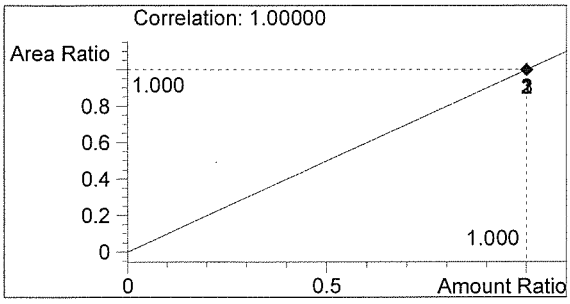


#	Compound	Area	RT
1	ETHANOL	260	1.092
2	n-PROPANOL	3116	1.755

Totals:



ETHANOL 0.020 g/100mL

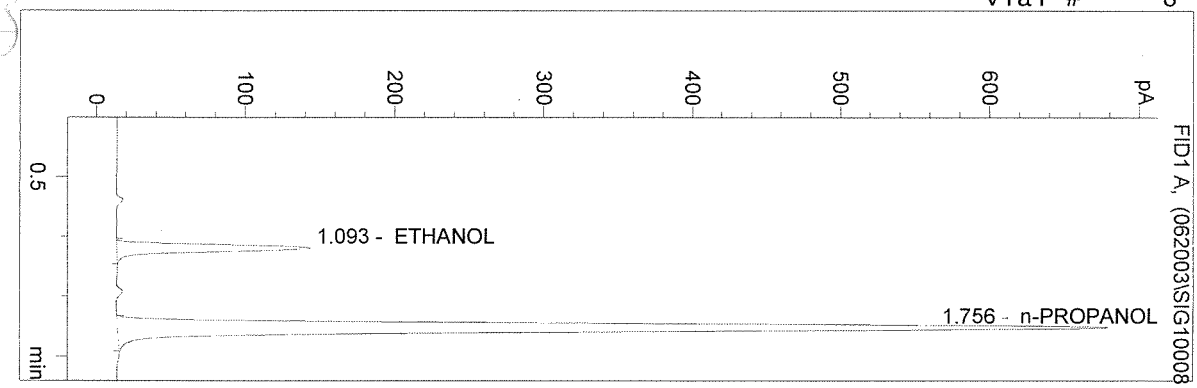


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:16:58 AM
Instrument 3
ALC1

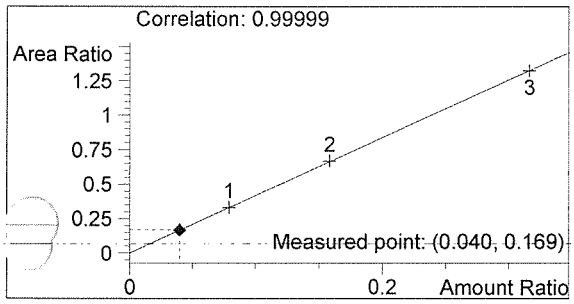
0.040 con
alouis

vial # 8

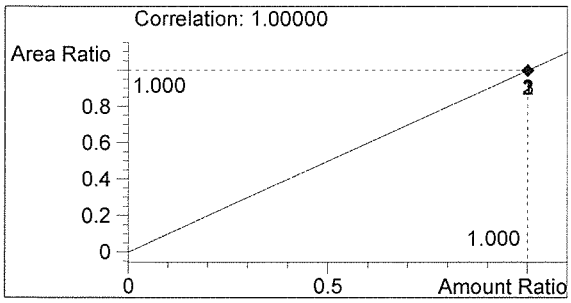


#	Compound	Area	RT
1	ETHANOL	514	1.093
2	n-PROPANOL	3046	1.756

Totals:



ETHANOL 0.040 g/100mL

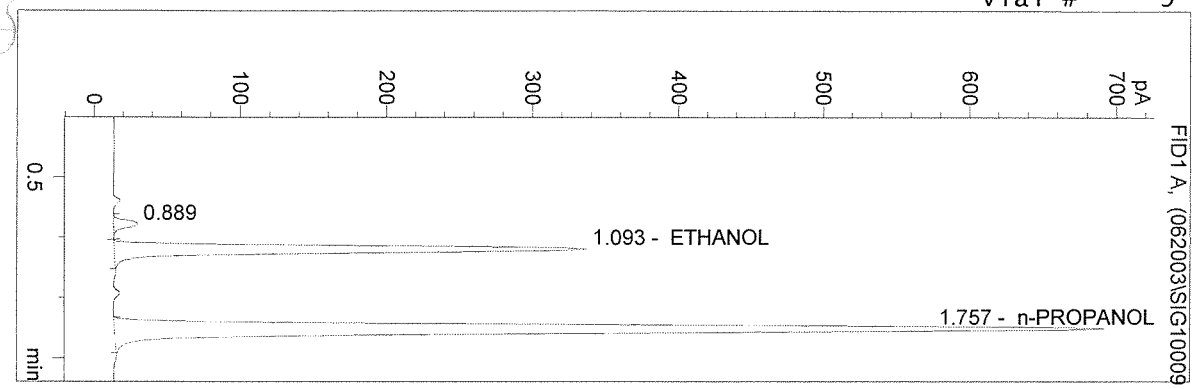


n-PROPANOL 1.000 g/100mL

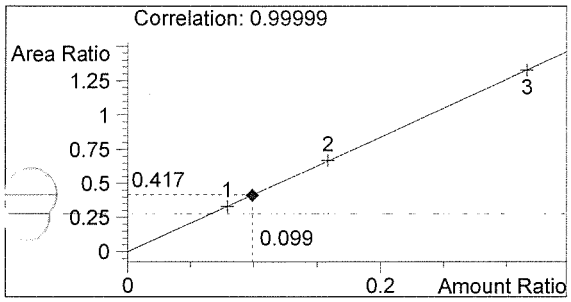
C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:20:20 AM
Instrument 3
BLDALC1

0.100 con
alouis

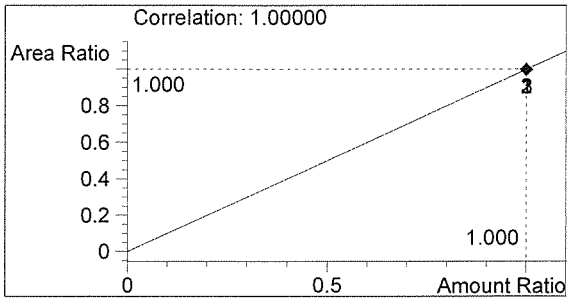
vial # 9



#	Compound	Area	RT
1		69	0.889
2	ETHANOL	1307	1.093
3	n-PROPANOL	3134	1.757
Totals:			



ETHANOL 0.099 g/100mL

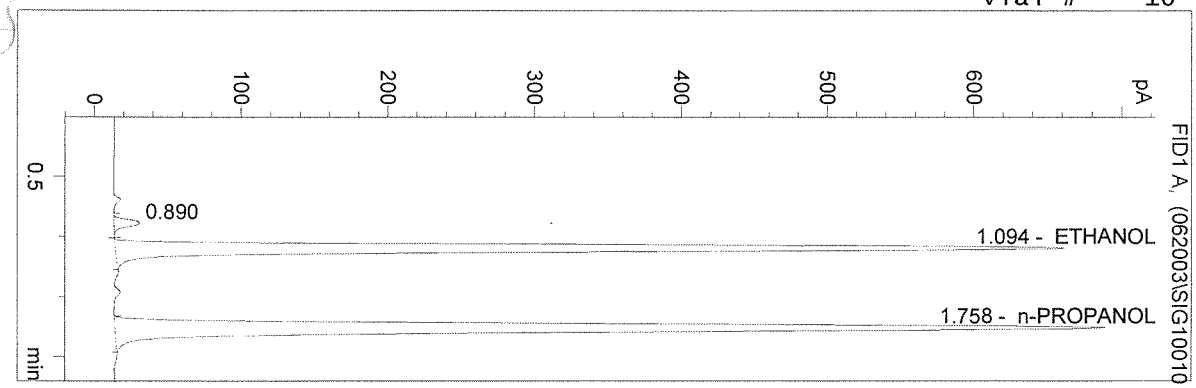


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:23:43 AM
Instrument 3
ALC1

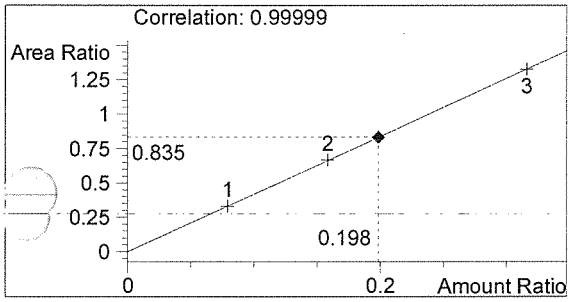
0.200 con
alouis

vial # 10

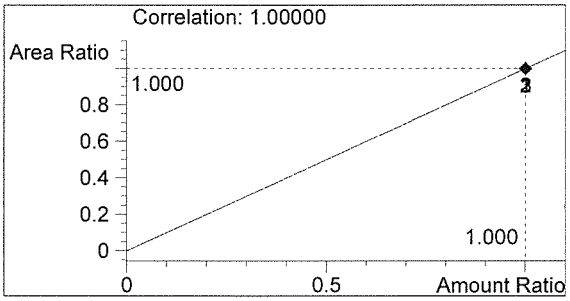


#	Compound	Area	RT
1		70	0.890
2	ETHANOL	2591	1.094
3	n-PROPANOL	3102	1.758

Totals:



ETHANOL 0.198 g/100mL

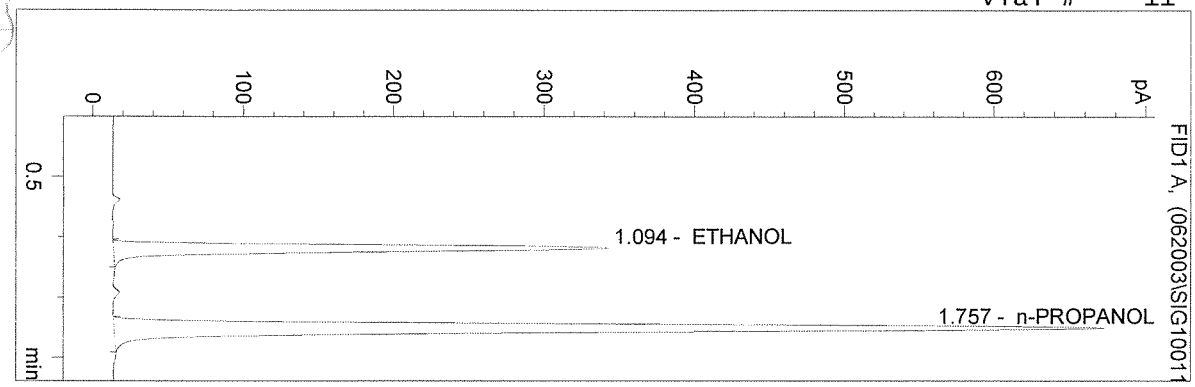


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:27:06 AM
Instrument 3
ALC1

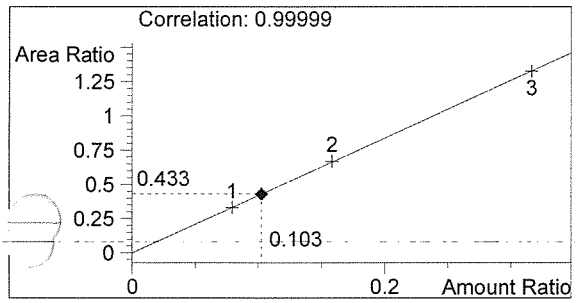
03019 sim sol
alouis

vial # 11

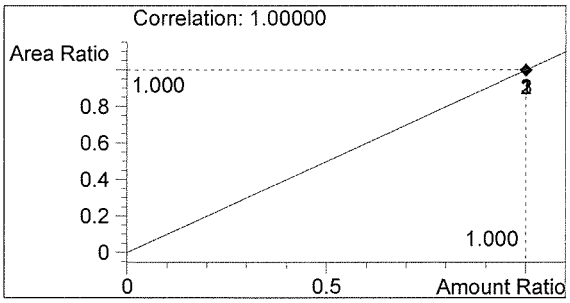


#	Compound	Area	RT
1	ETHANOL	1305	1.094
2	n-PROPANOL	3017	1.757

Totals:



ETHANOL 0.103 g/100mL

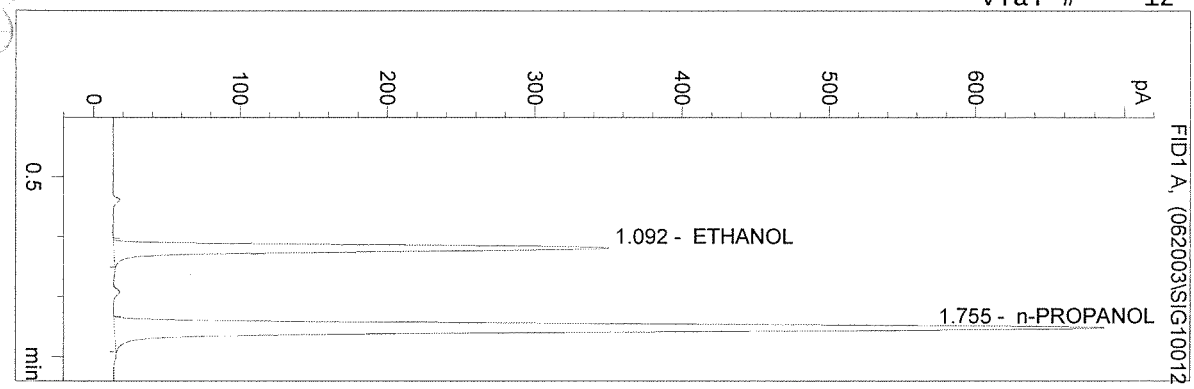


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:30:28 AM
Instrument 3
ALC1

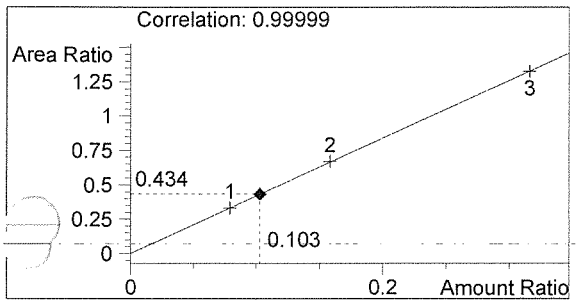
03019 sim sol
alouis

vial # 12

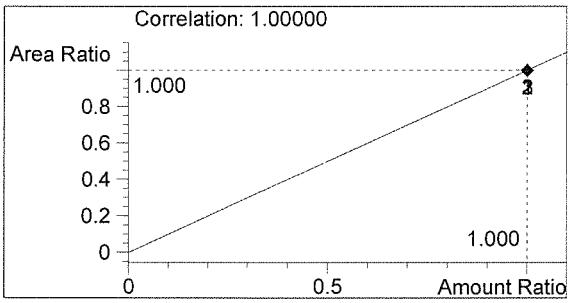


#	Compound	Area	RT
1	ETHANOL	1331	1.092
2	n-PROPANOL	3067	1.755

Totals:



ETHANOL 0.103 g/100mL

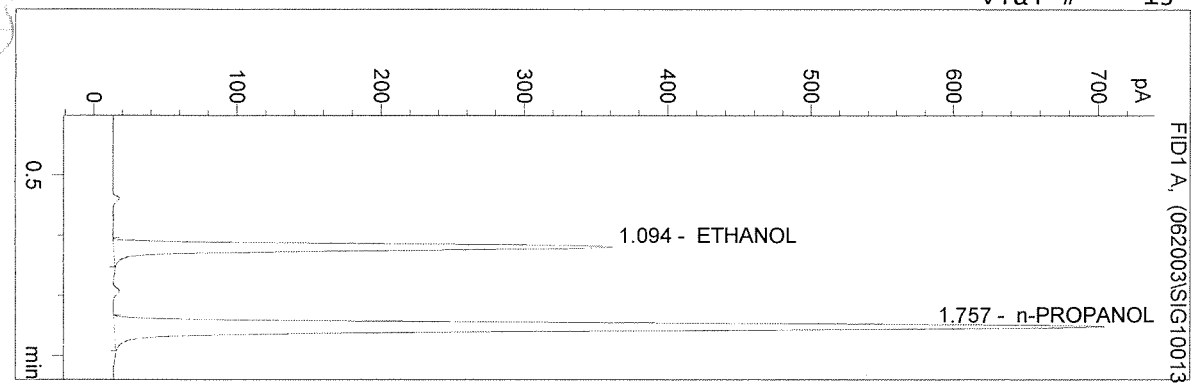


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:33:51 AM
Instrument 3
ALC1

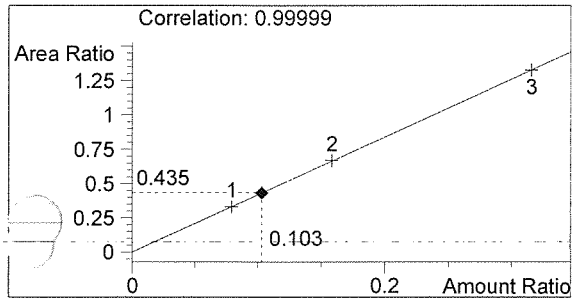
03019 sim sol
alouis

vial # 13

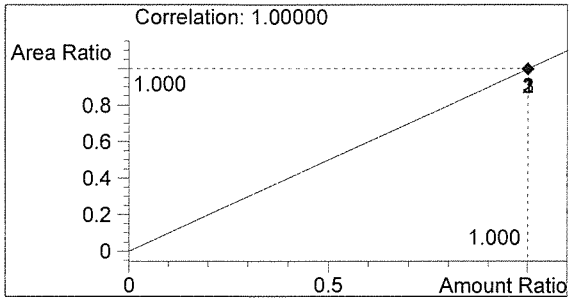


#	Compound	Area	RT
1	ETHANOL	1360	1.094
2	n-PROPANOL	3128	1.757

Totals:



ETHANOL 0.103 g/100mL

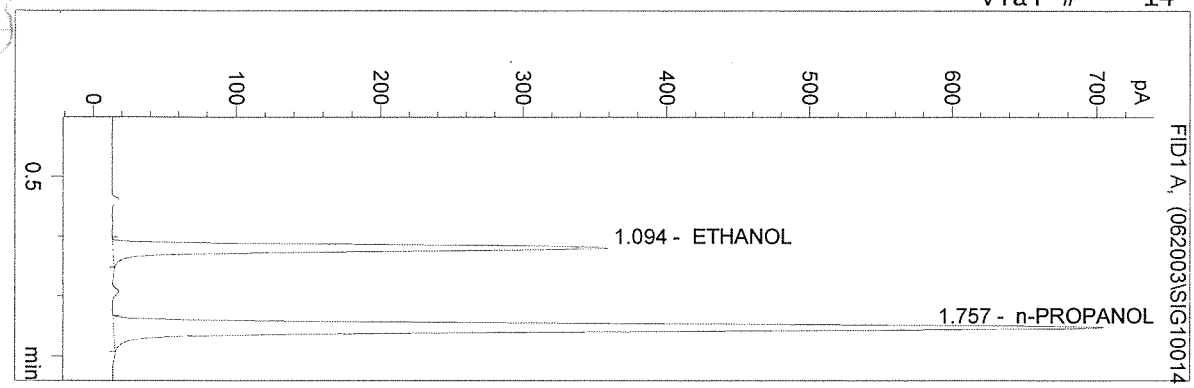


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:37:14 AM
Instrument 3
ALC1

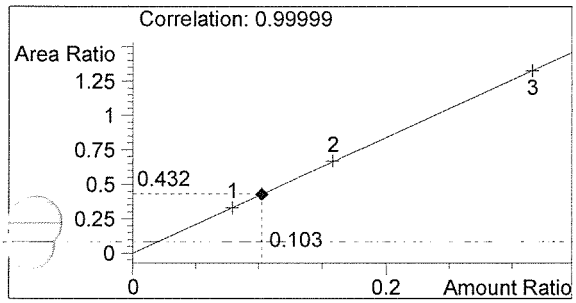
03019 sim sol
alouis

vial # 14

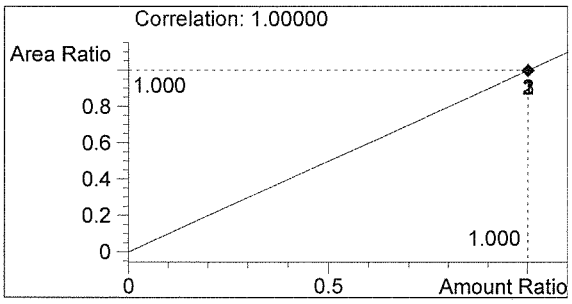


#	Compound	Area	RT
1	ETHANOL	1359	1.094
2	n-PROPANOL	3144	1.757

Totals:



ETHANOL 0.103 g/100mL

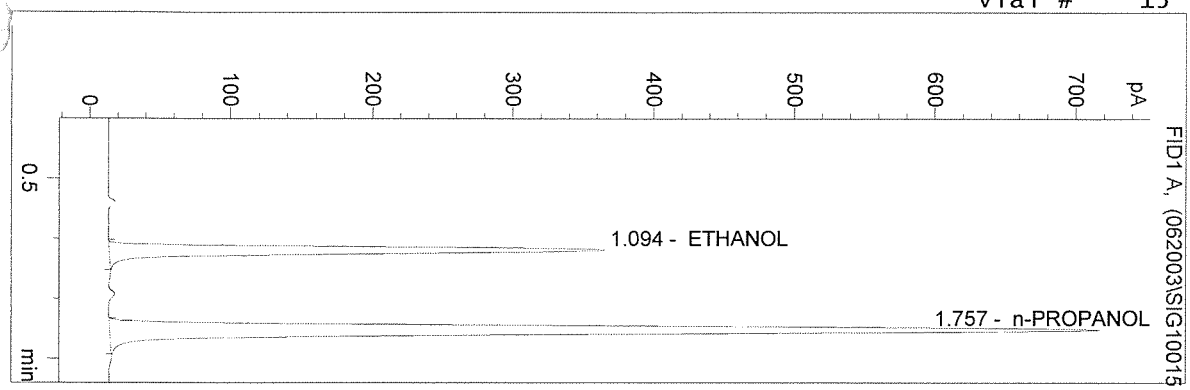


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/20/03 8:40:36 AM
Instrument 3
ALC1

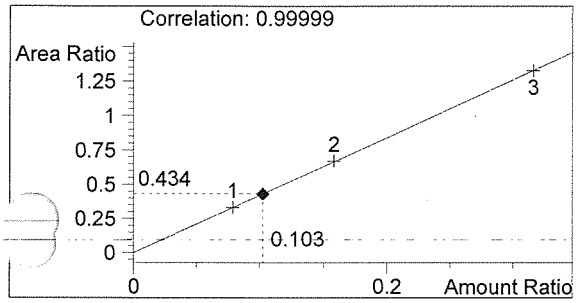
03019 sim sol
alouis

vial # 15

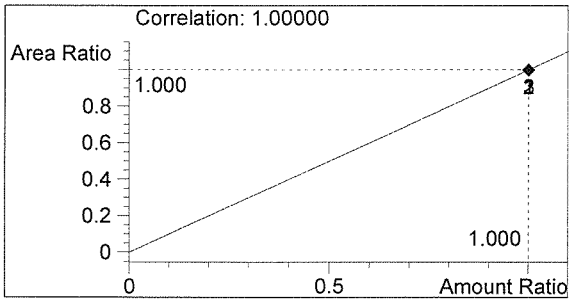


#	Compound	Area	RT
1	ETHANOL	1391	1.094
2	n-PROPANOL	3207	1.757

Totals:



ETHANOL 0.103 g/100mL



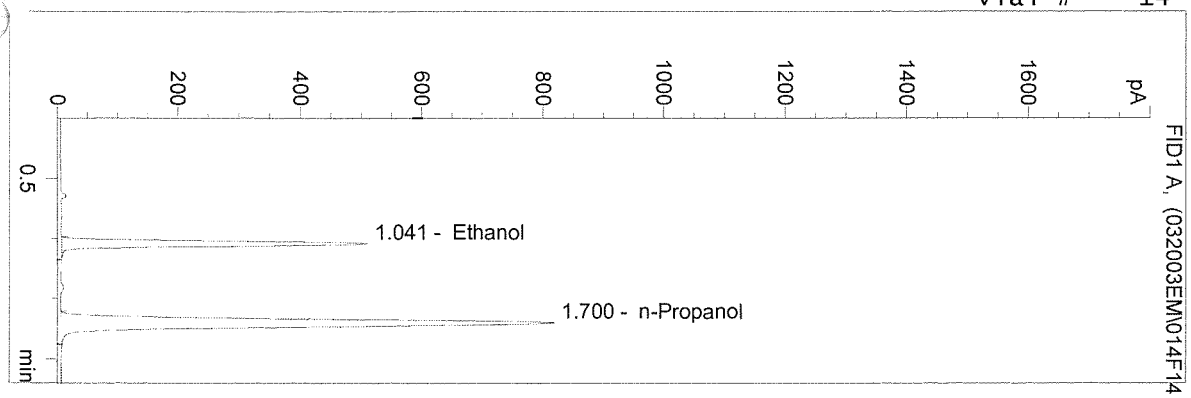
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/20/03 10:02:15 AM
Instrument 1
ALC1

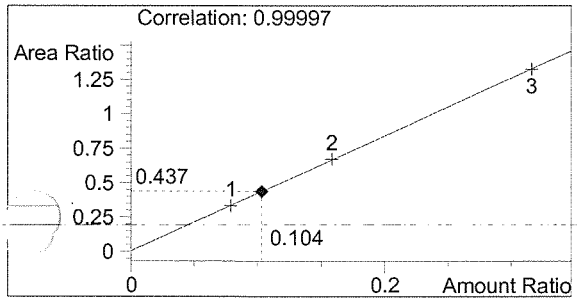
Sim. Sol. 03019
Estuardo J. Miranda

vial # 14

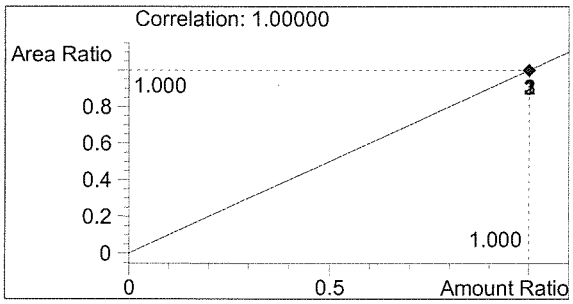


#	Compound	Area	RT
1	Ethanol	1489	1.041
2	n-Propanol	3404	1.700

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

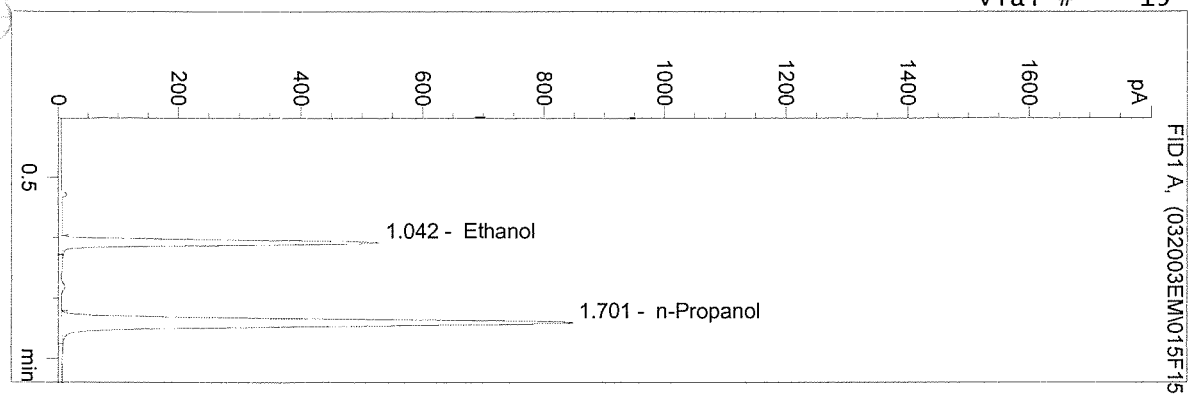
cal. w/ 033857
IA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/20/03 10:05:17 AM
Instrument 1
ALC1

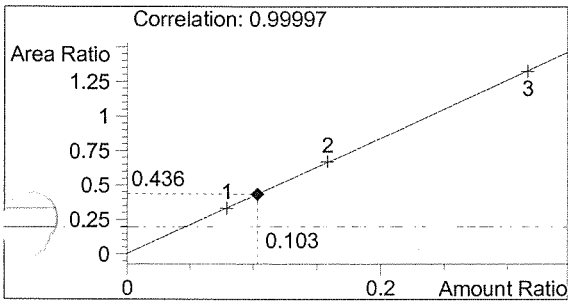
Sim. Sol. 03019
Estuardo J. Miranda

vial # 15

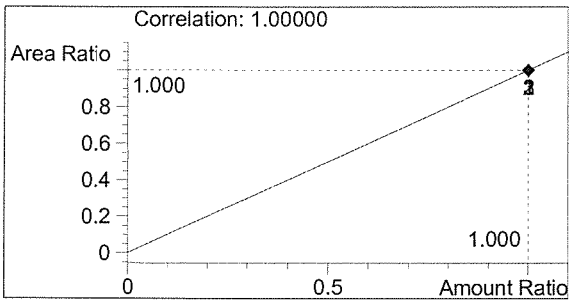


#	Compound	Area	RT
1	Ethanol	1532	1.042
2	n-Propanol	3512	1.701

Totals:



Ethanol 0.103 g/100ml



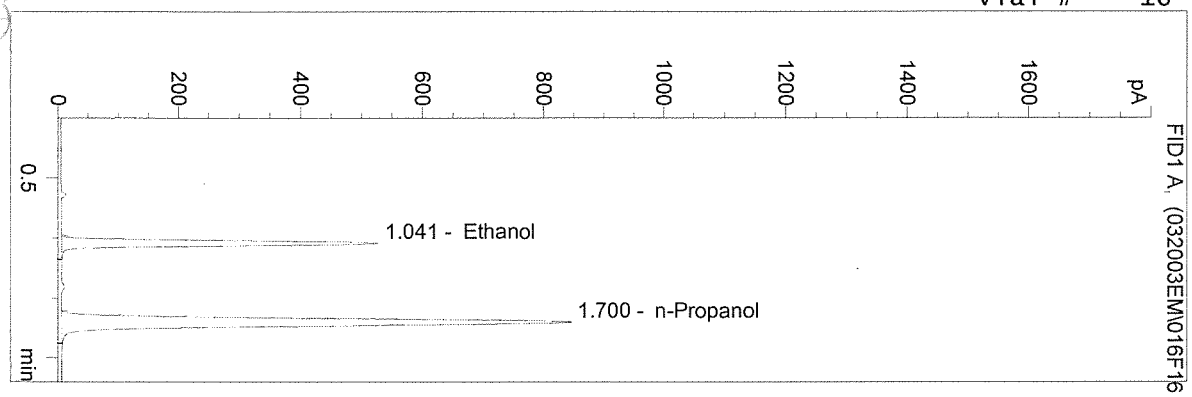
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

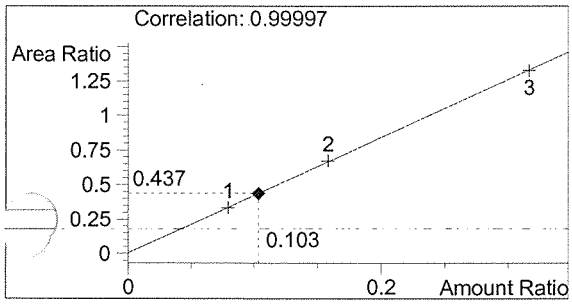
C:\HPCHEM\1\METHODS\BLDALCO.M
6/20/03 10:08:19 AM
Instrument 1
ALC1

Sim. Sol. 03019
Estuardo J. Miranda

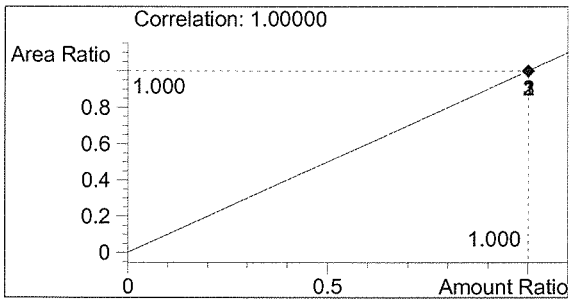
vial # 16



#	Compound	Area	RT
1	Ethanol	1532	1.041
2	n-Propanol	3505	1.700
Totals:			



Ethanol 0.103 g/100ml



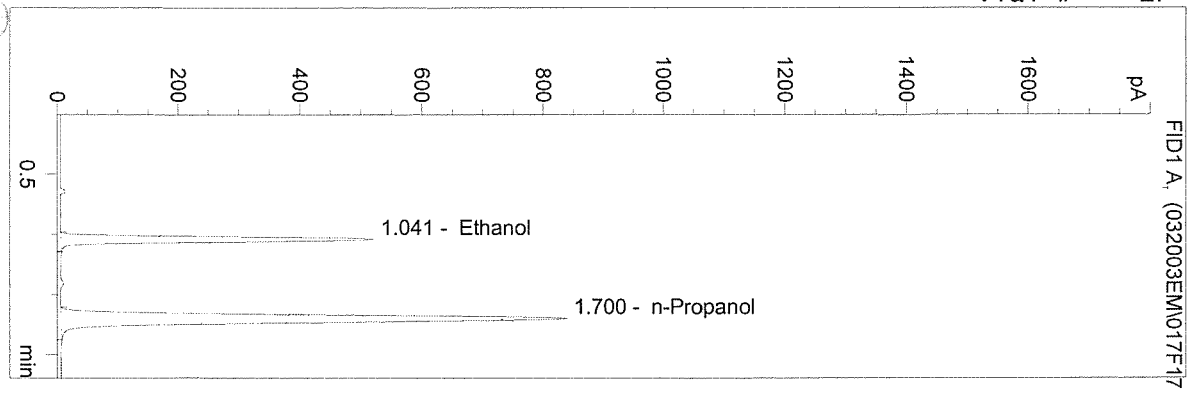
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

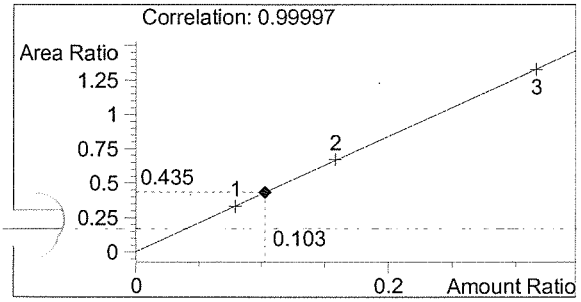
C:\HPCHEM\1\METHODS\BLDALCO.M
6/20/03 10:11:39 AM
Instrument 1
ALC1

Sim. Sol. 03019
Estuardo J. Miranda

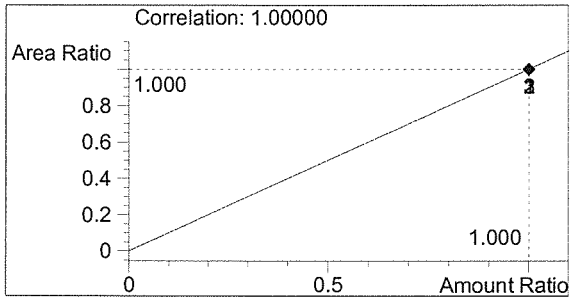
vial # 17



#	Compound	Area	RT
1	Ethanol	1517	1.041
2	n-Propanol	3491	1.700
Totals:			



Ethanol 0.103 g/100ml



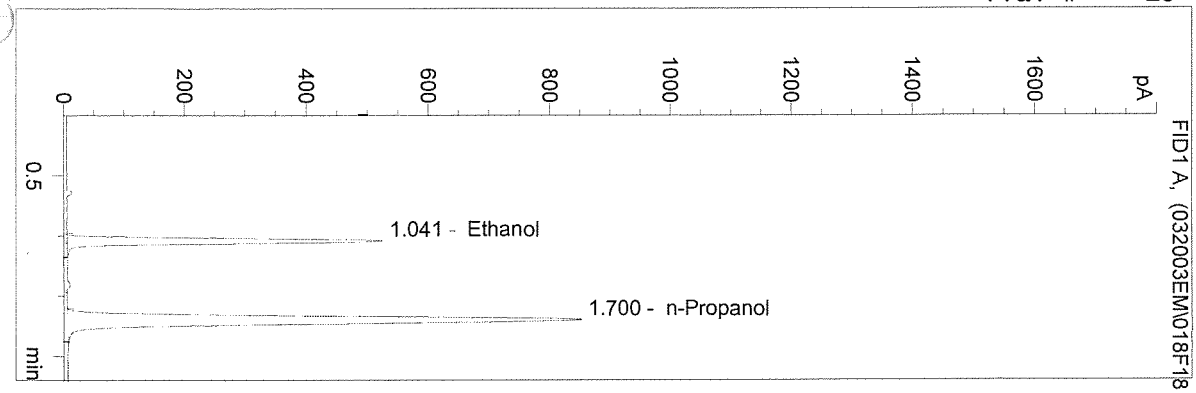
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

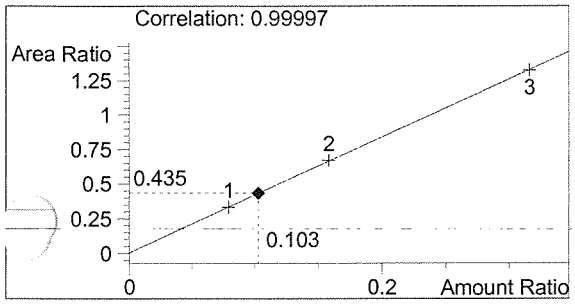
C:\HPCHEM\1\METHODS\BLDALCO.M
6/20/03 10:14:41 AM
Instrument 1
ALC1

Sim. Sol. 03019
Estuardo J. Miranda

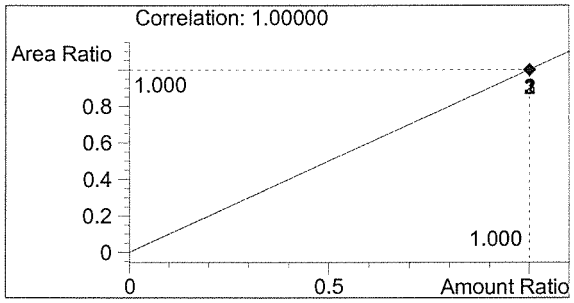
vial # 18



#	Compound	Area	RT
1	Ethanol	1539	1.041
2	n-Propanol	3541	1.700
Totals:			



Ethanol 0.103 g/100ml



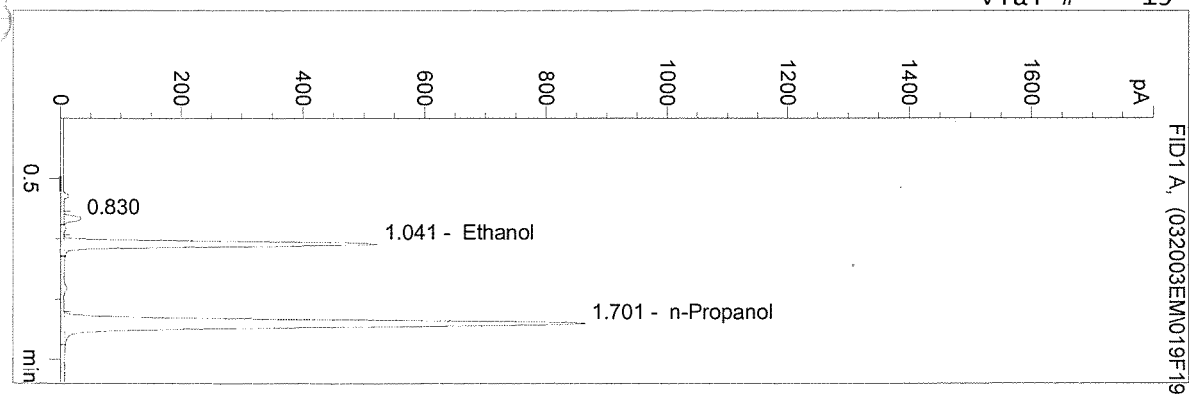
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

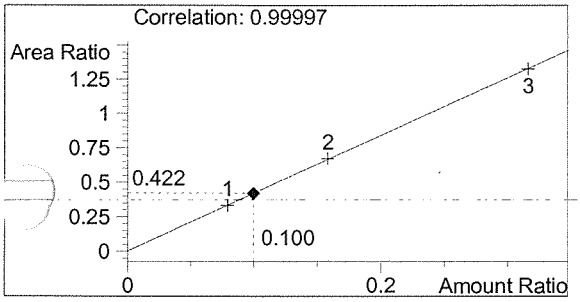
C:\HPCHEM\1\METHODS\BLDALCO.M
6/20/03 10:17:43 AM
Instrument 1
ALC1

0.100 Control
Estuardo J. Miranda

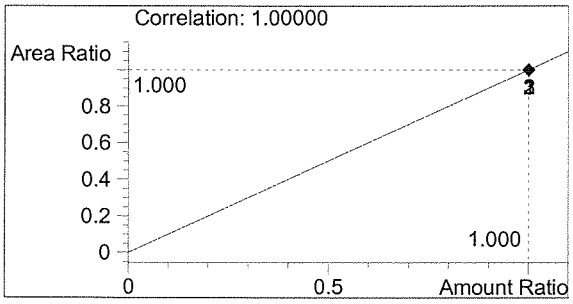
vial # 19



#	Compound	Area	RT
1		80	0.830
2	Ethanol	1511	1.041
3	n-Propanol	3583	1.701
Totals:			



Ethanol 0.100 g/100ml



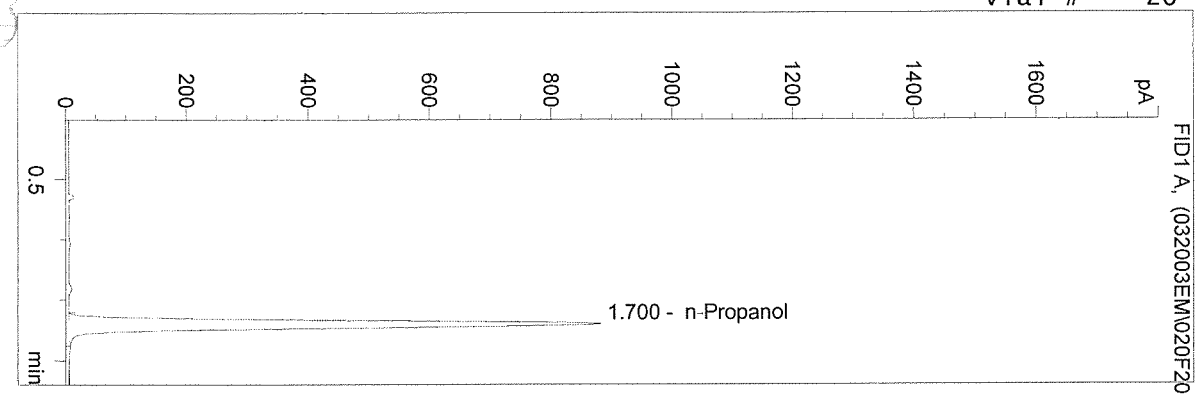
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/20/03 10:20:44 AM
Instrument 1
ALC1

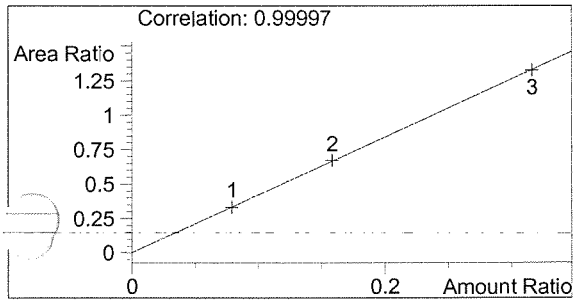
Blank
Estuardo J. Miranda

vial # 20

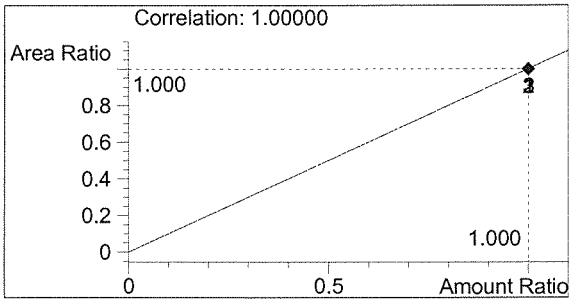


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3665	1.700

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

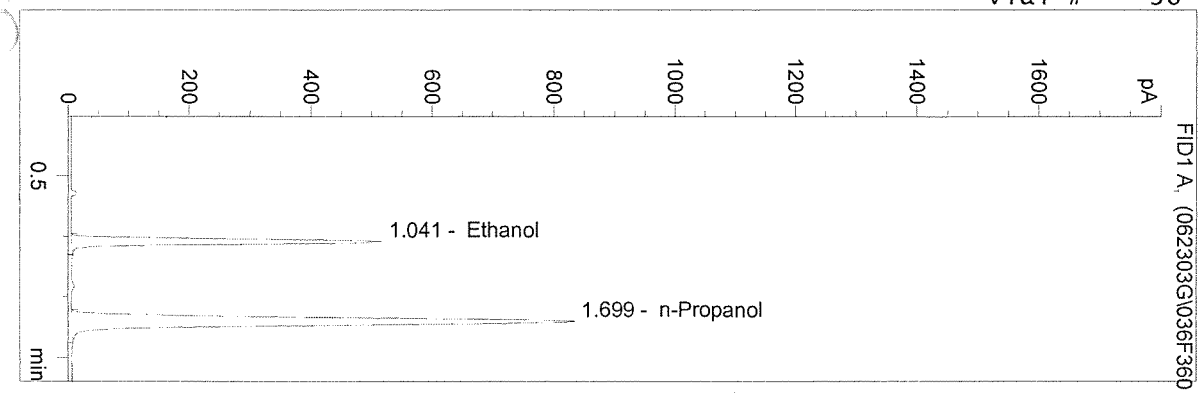
WASHINGTON STATE TOXICOLOGY LABORATORY

STDS 033889

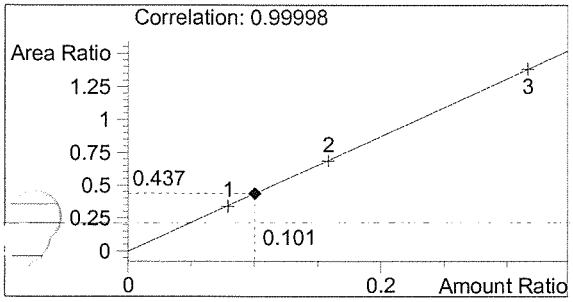
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 10:36:20 AM
Instrument 1
ALC1

0.08SSOL 03019
Gene Schwilke

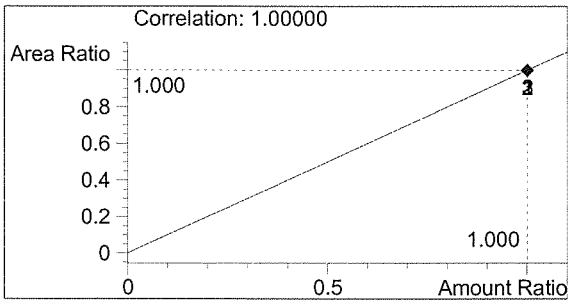
vial # 36



#	Compound	Area	RT
1	Ethanol	1523	1.041
2	n-Propanol	3482	1.699
Totals:			



Ethanol 0.101 g/100ml



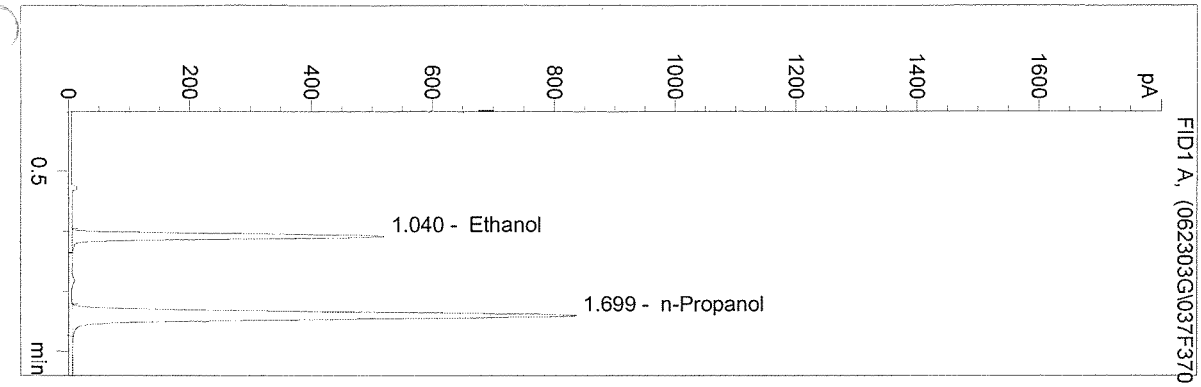
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

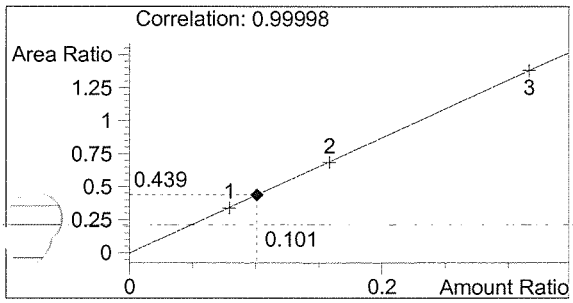
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 10:39:27 AM
Instrument 1
ALC1

0.08SSOL 03019
Gene Schwilke

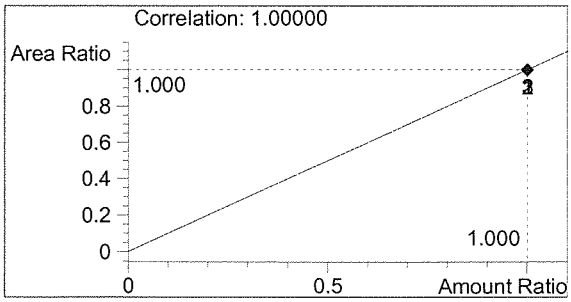
vial # 37



#	Compound	Area	RT
1	Ethanol	1531	1.040
2	n-Propanol	3486	1.699
Totals:			



Ethanol 0.101 g/100ml

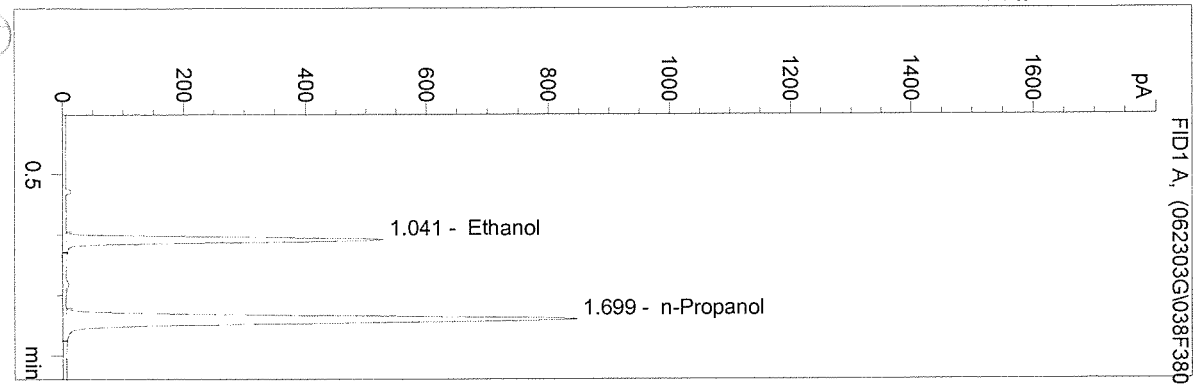


n-Propanol 1.000 g/100ml

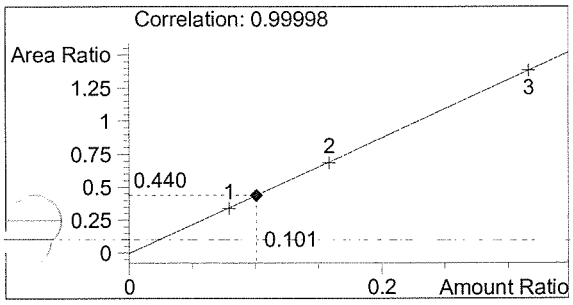
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 10:42:28 AM
Instrument 1
ALC1

0.08SSOL 03019
Gene Schwilke

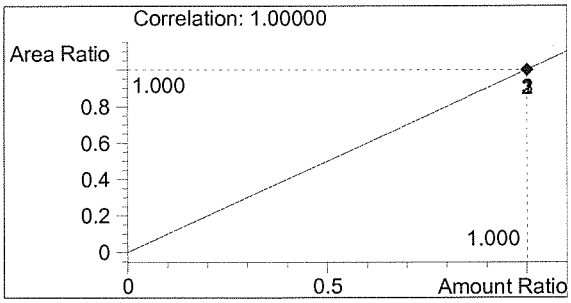
vial # 38



#	Compound	Area	RT
1	Ethanol	1550	1.041
2	n-Propanol	3525	1.699
Totals:			



Ethanol 0.101 g/100ml



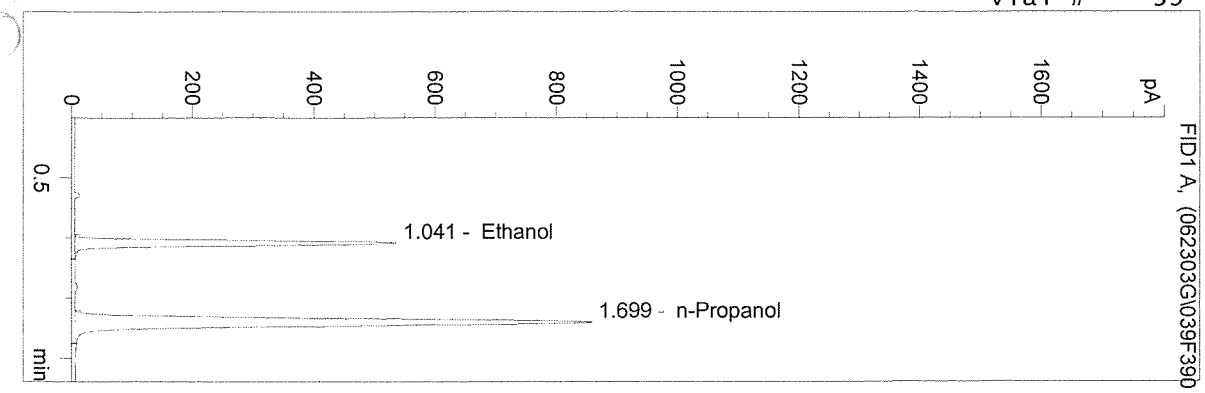
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

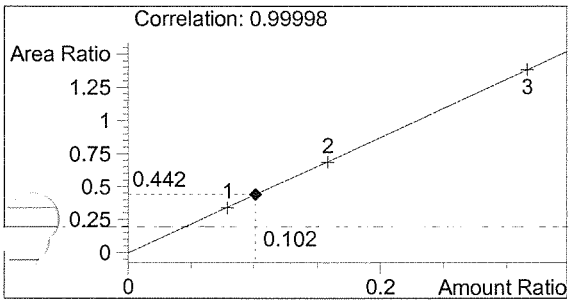
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 10:45:30 AM
Instrument 1
ALC1

0.08SSOL 03019
Gene Schwilke

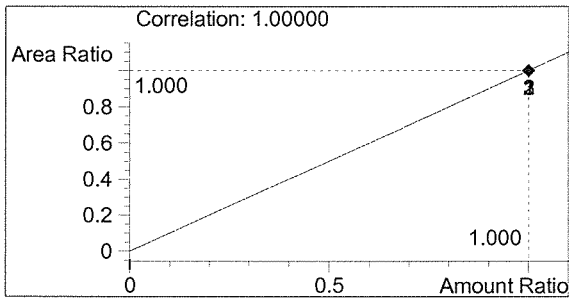
vial # 39



#	Compound	Area	RT
1	Ethanol	1576	1.041
2	n-Propanol	3570	1.699
Totals:			



Ethanol 0.102 g/100ml

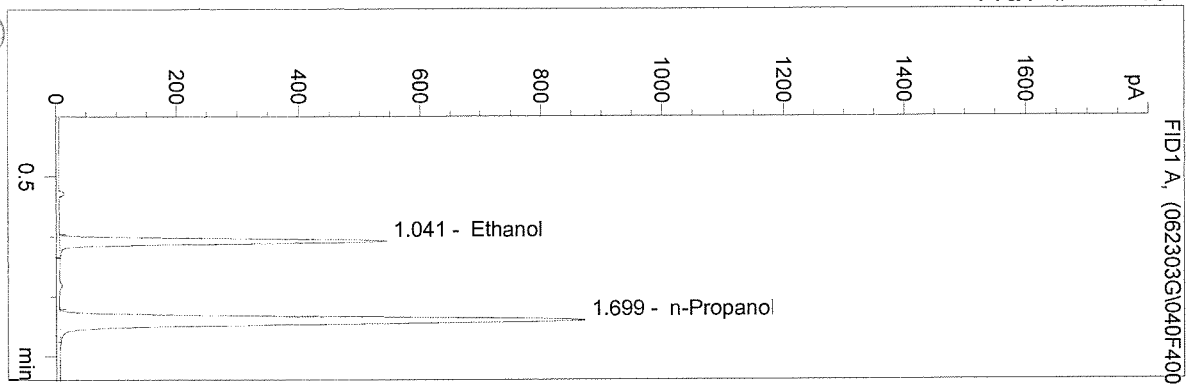


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 10:48:33 AM
Instrument 1
ALC1

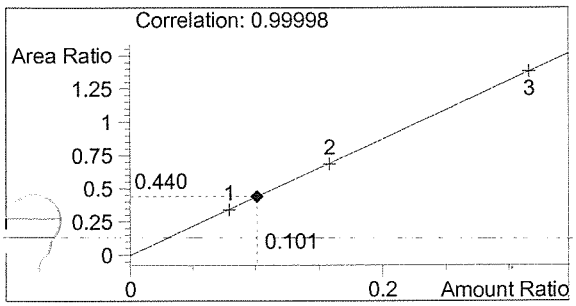
0.08SSOL 03019
Gene Schwilke

vial # 40

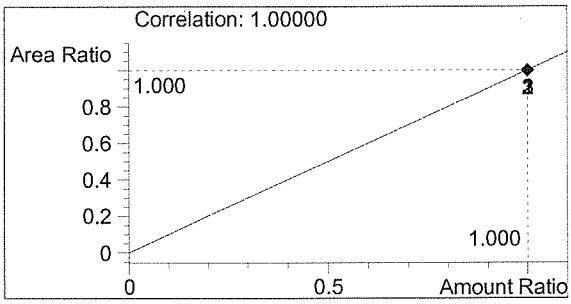


#	Compound	Area	RT
1	Ethanol	1597	1.041
2	n-Propanol	3626	1.699

Totals:



Ethanol 0.101 g/100ml



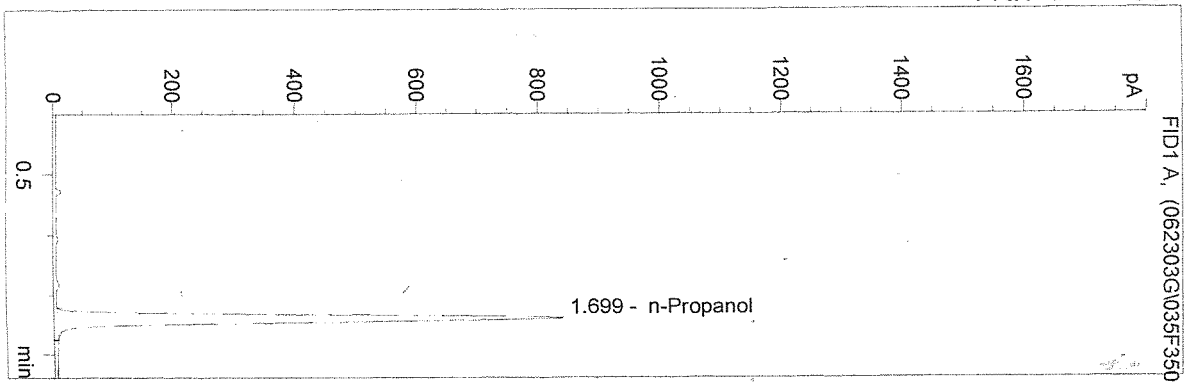
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 10:33:18 AM
Instrument 1
3-ALC1

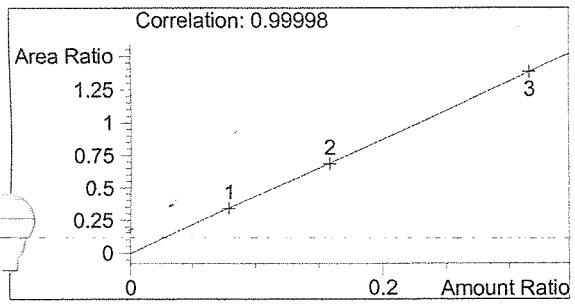
BLANK
Gene Schwilke

vial # 35

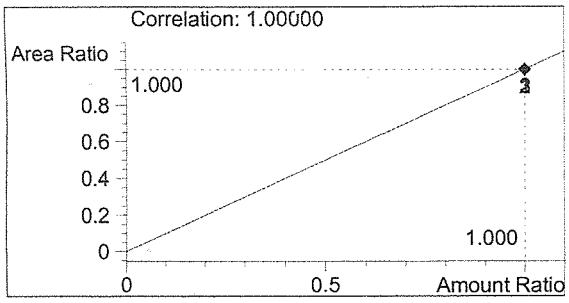


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3496	1.699

Totals:



Ethanol 0.000 g/100ml



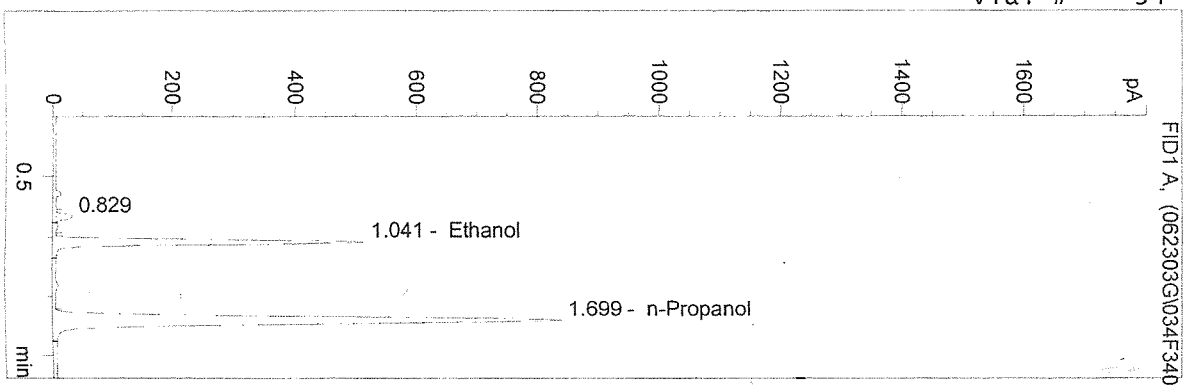
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

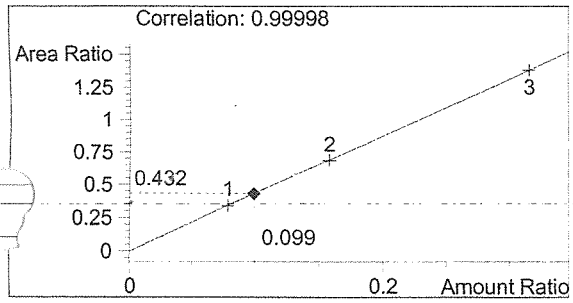
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 10:30:17 AM
Instrument 1
3-ALC1

CAP 0.100
Gene Schwilke

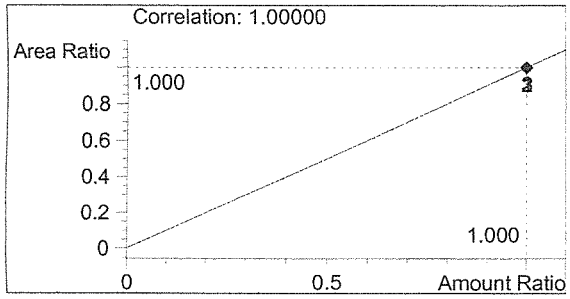
vial # 34



#	Compound	Area	RT
1		80	0.829
2	Ethanol	1508	1.041
3	n-Propanol	3489	1.699
Totals:			



Ethanol 0.099 g/100ml

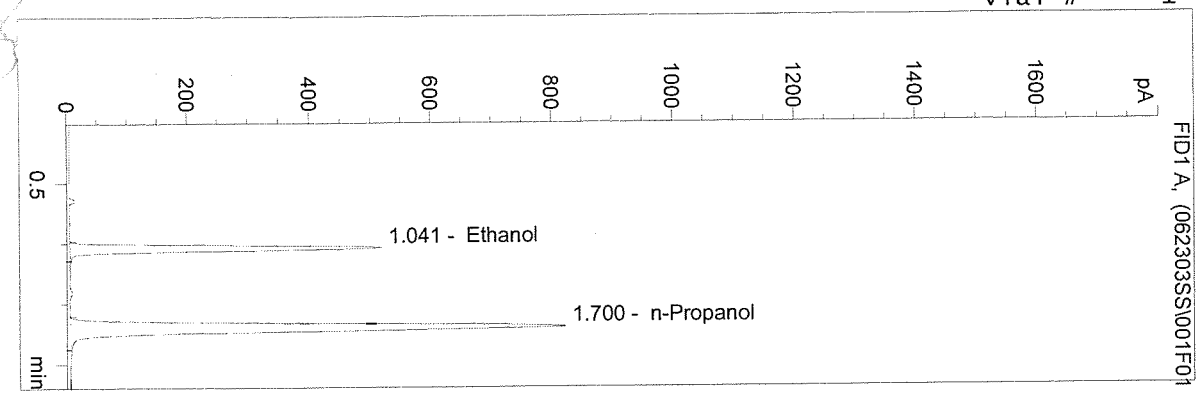


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 3:20:41 PM
Instrument 1
ALC1

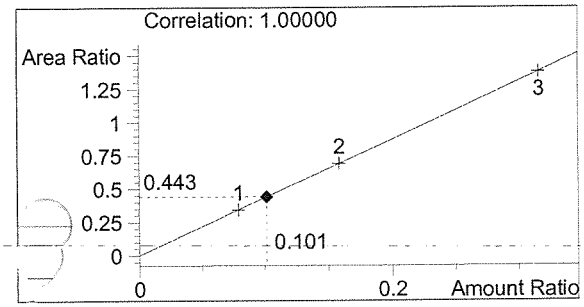
03019
Jayne E. Thatcher

vial # 1

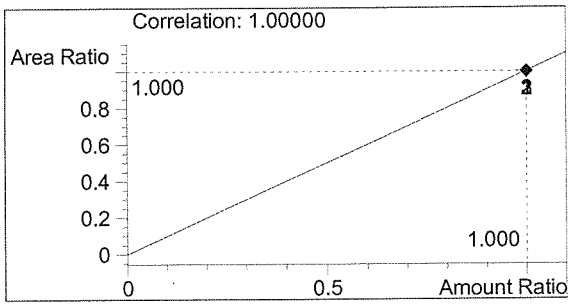


#	Compound	Area	RT
1	Ethanol	1515	1.041
2	n-Propanol	3420	1.700

Totals:



Ethanol 0.101 g/100ml



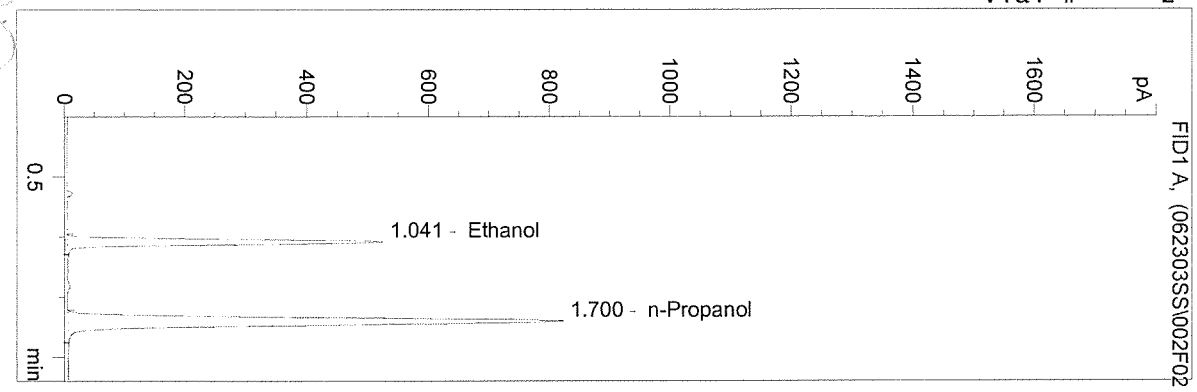
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

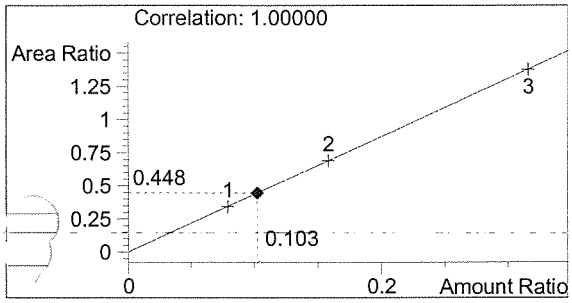
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 3:23:43 PM
Instrument 1
ALC1

03019
Jayne E. Thatcher

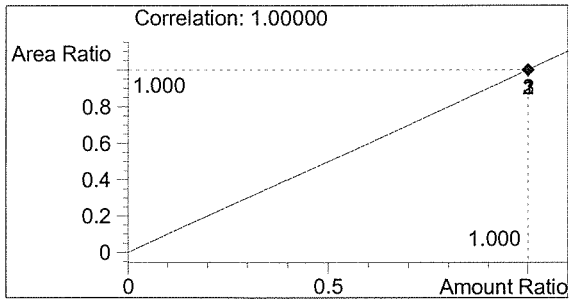
vial # 2



#	Compound	Area	RT
1	Ethanol	1530	1.041
2	n-Propanol	3412	1.700
Totals:			



Ethanol 0.103 g/100ml



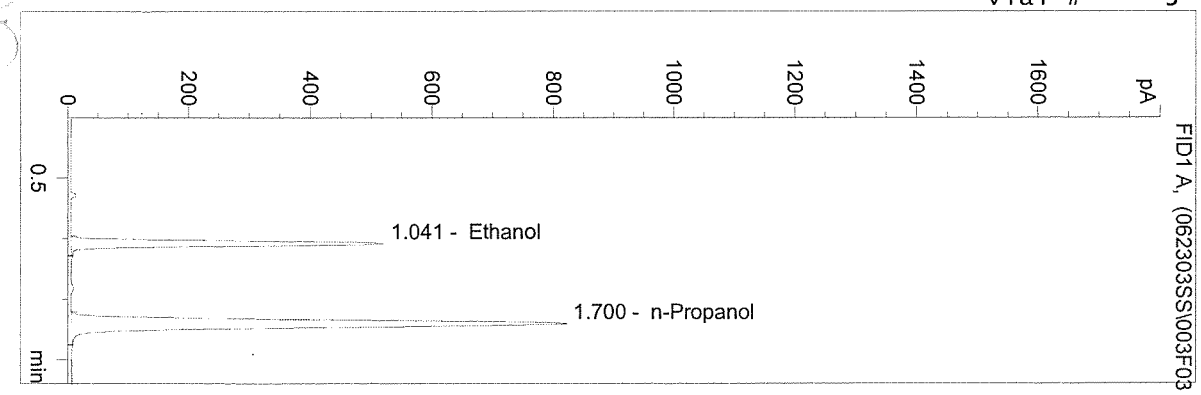
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

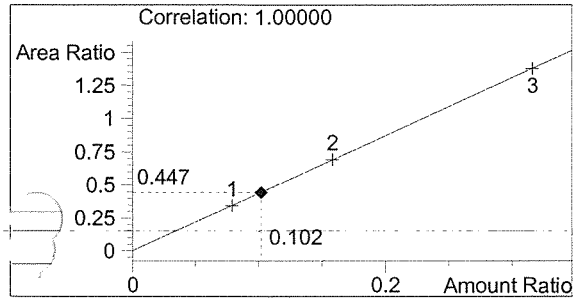
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 3:26:45 PM
Instrument 1
ALC1

03019
Jayne E. Thatcher

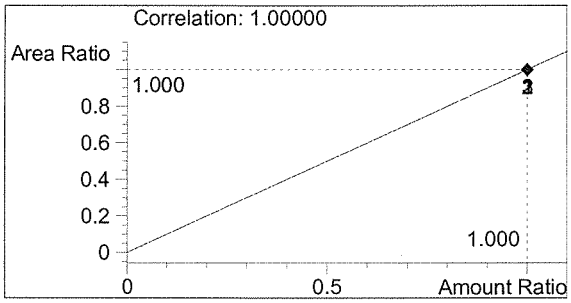
vial # 3



#	Compound	Area	RT
1	Ethanol	1523	1.041
2	n-Propanol	3411	1.700
Totals:			



Ethanol 0.102 g/100ml



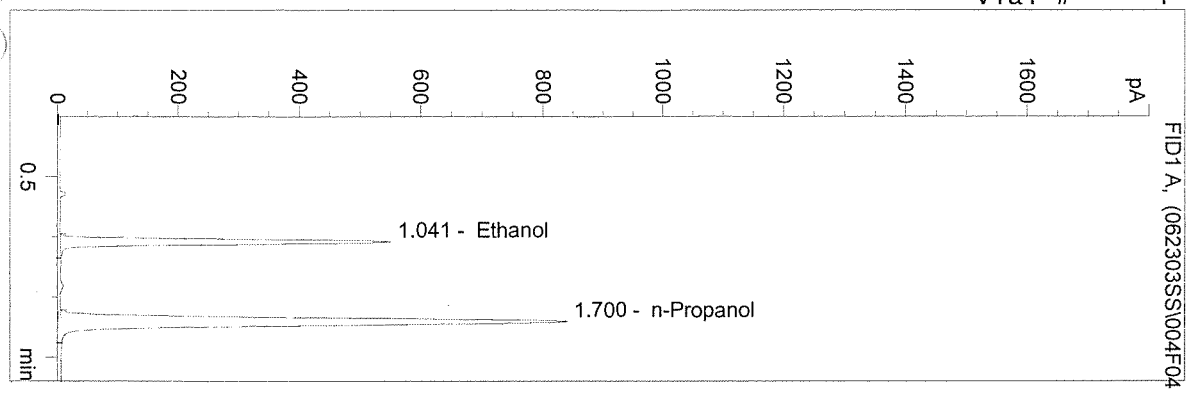
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

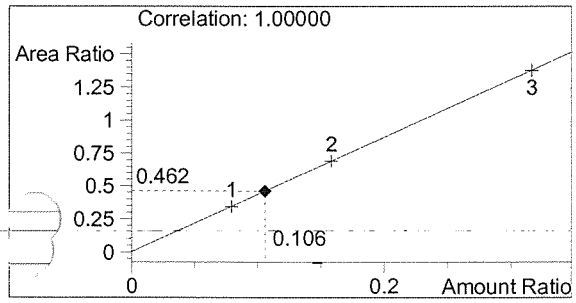
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 3:29:47 PM
Instrument 1
ALC1

03019
Jayne E. Thatcher

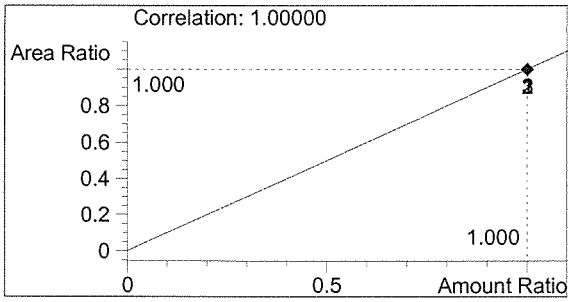
vial # 4



#	Compound	Area	RT
1	Ethanol	1615	1.041
2	n-Propanol	3492	1.700
Totals:			



Ethanol 0.106 g/100ml



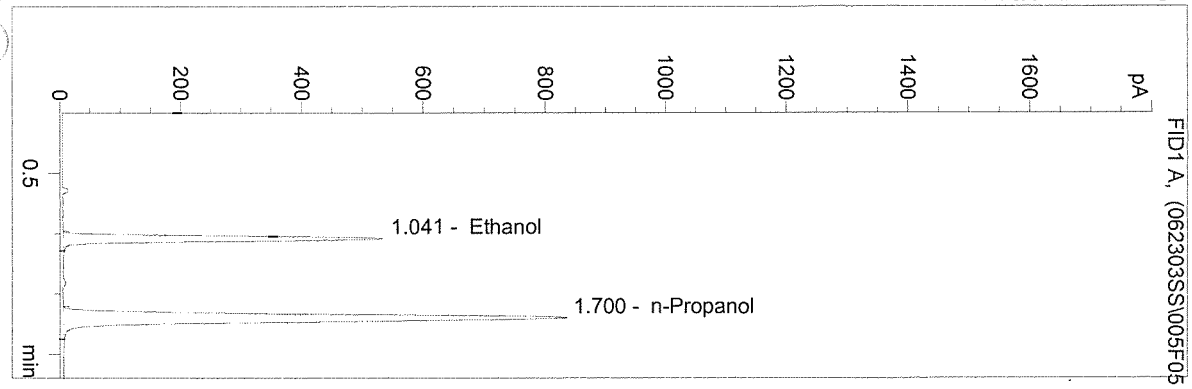
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

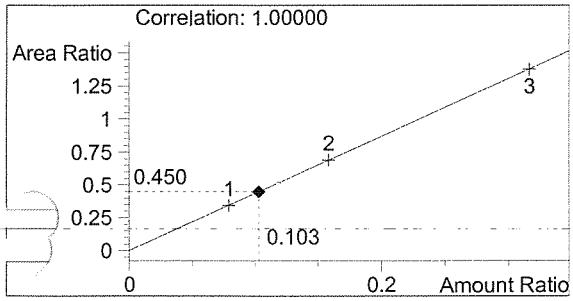
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 3:33:15 PM
Instrument 1
ALC1

03019
Jayne E. Thatcher

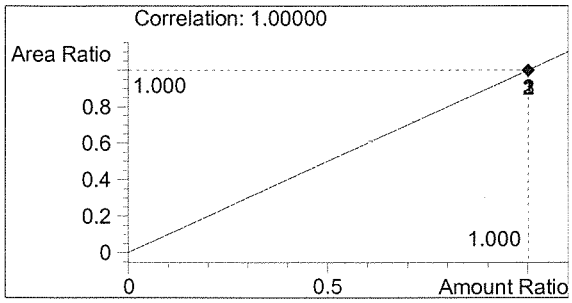
vial # 5



#	Compound	Area	RT
1	Ethanol	1563	1.041
2	n-Propanol	3474	1.700
Totals:			



Ethanol 0.103 g/100ml



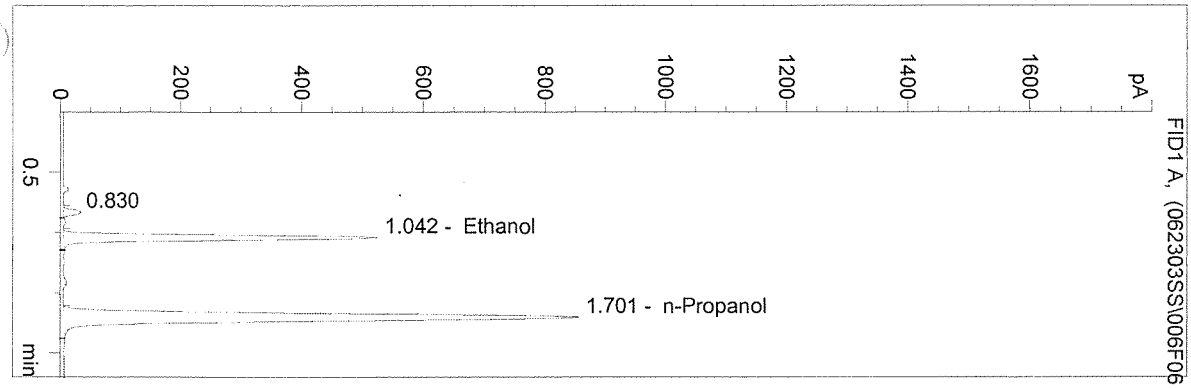
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

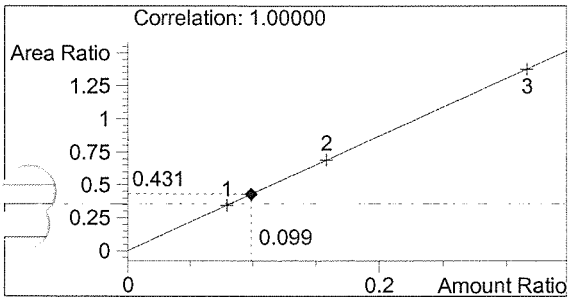
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 3:36:16 PM
Instrument 1
ALC1

0.10 control
Jayne E. Thatcher

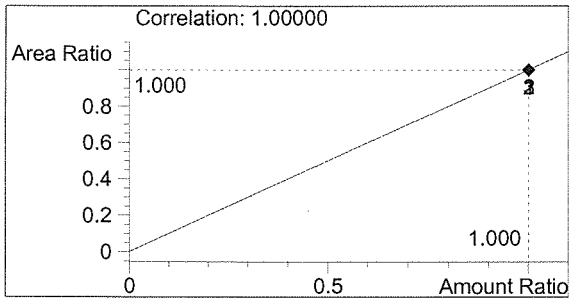
vial # 6



#	Compound	Area	RT
1		82	0.830
2	Ethanol	1533	1.042
3	n-Propanol	3554	1.701
Totals:			



Ethanol 0.099 g/100ml

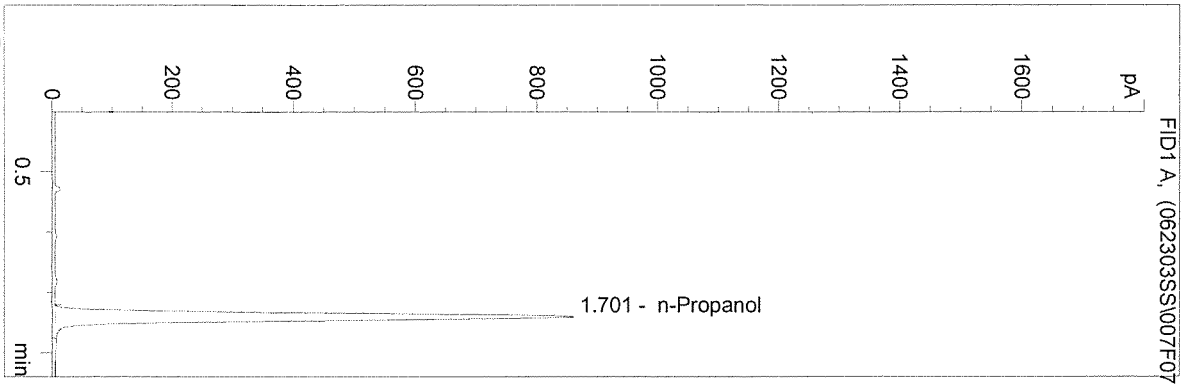


n-Propanol 1.000 g/100ml

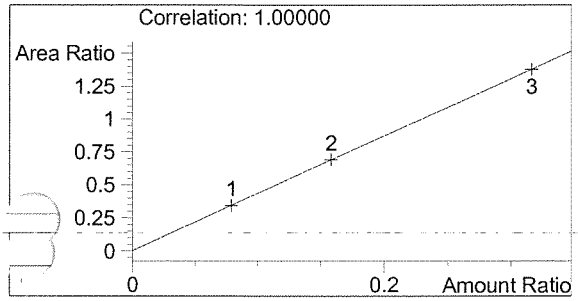
C:\HPCHEM\1\METHODS\BLDALCO.M
6/23/03 3:39:18 PM
Instrument 1
ALC1

BLANK
Jayne E. Thatcher

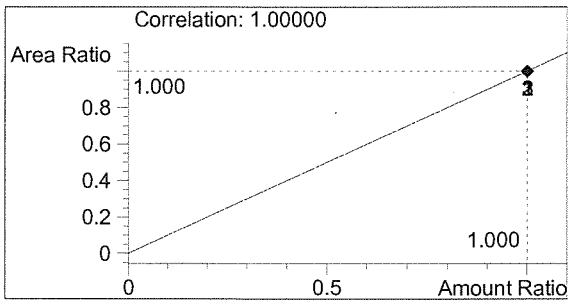
vial # 7



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3582	1.701
Totals:			



Ethanol 0.000 g/100ml



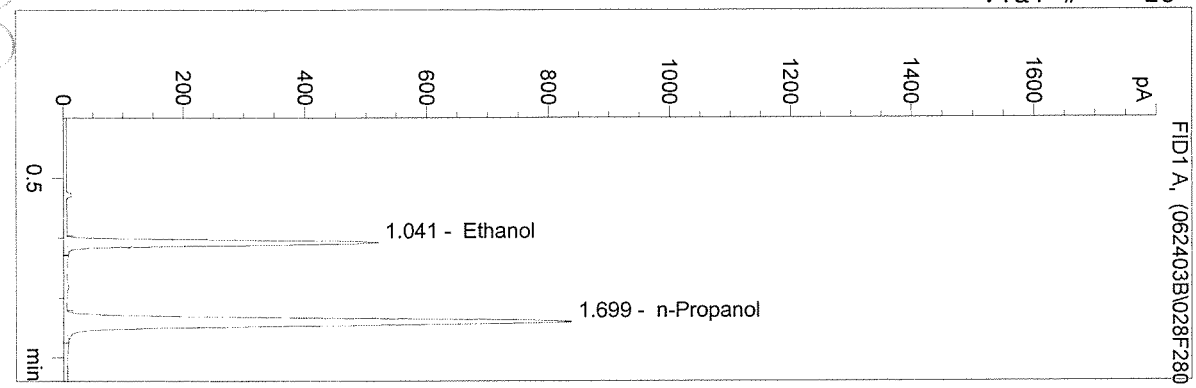
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
6/24/03 7:43:33 PM
Instrument 1
ALC1

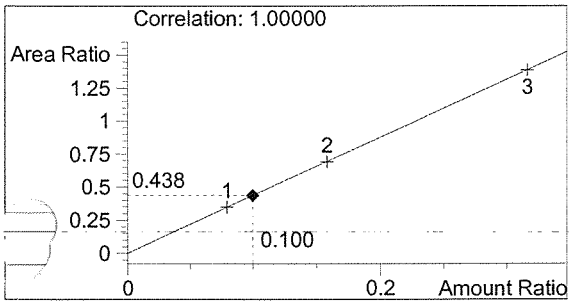
03019 Sim-1
N Nuwayhid, PhD

vial # 28

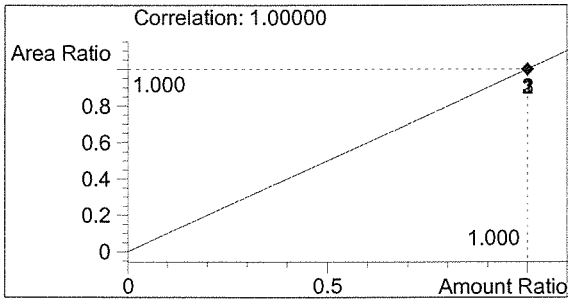


#	Compound	Area	RT
1	Ethanol	1531	1.041
2	n-Propanol	3497	1.699

Totals:



Ethanol 0.100 g/100ml

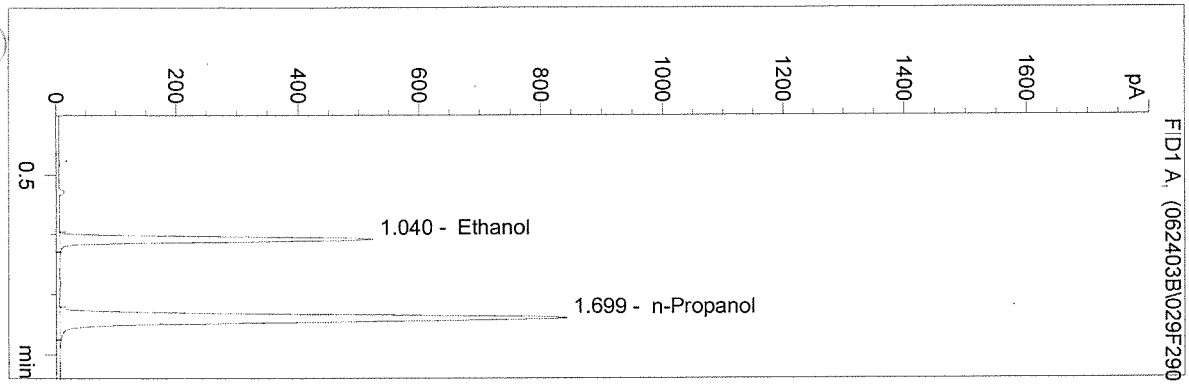


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/24/03 7:46:43 PM
Instrument 1
ALC1

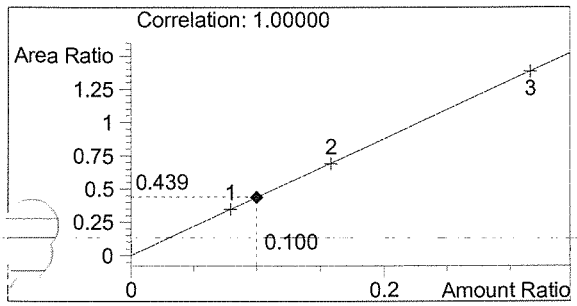
03019 Sim-2
N Nuwayhid, PhD

vial # 29

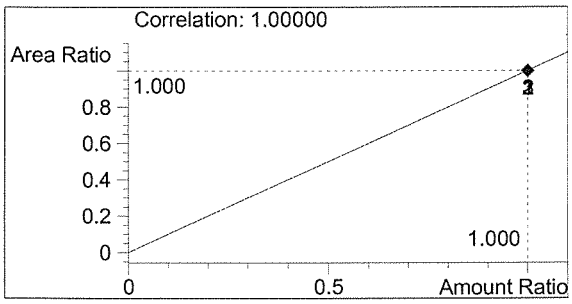


#	Compound	Area	RT
1	Ethanol	1541	1.040
2	n-Propanol	3509	1.699

Totals:



Ethanol 0.100 g/100ml

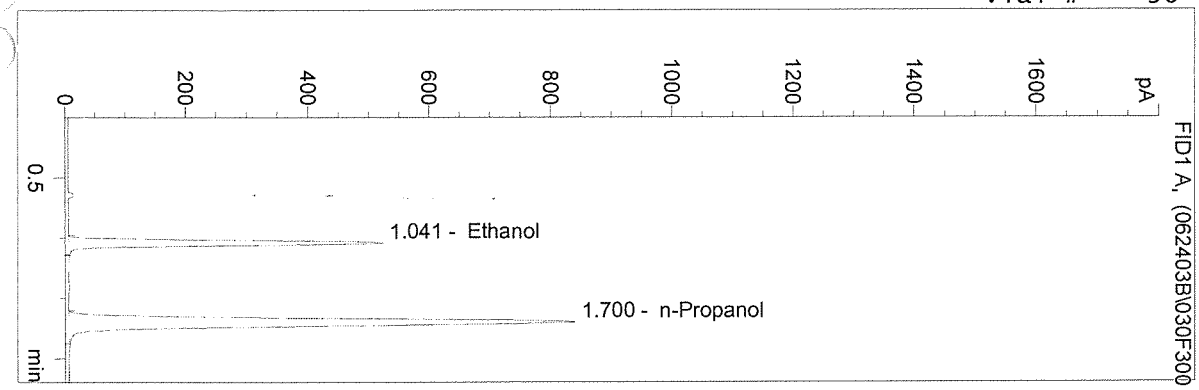


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/24/03 7:49:44 PM
Instrument 1
BLDALC1

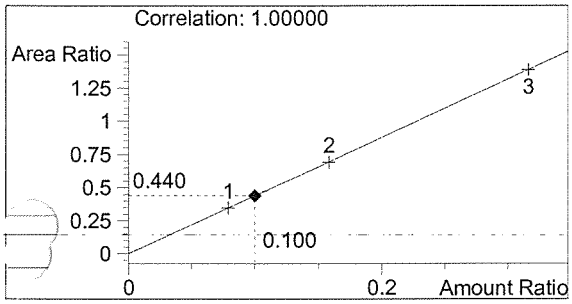
03019 Sim-3
N Nuwayhid, PhD

vial # 30

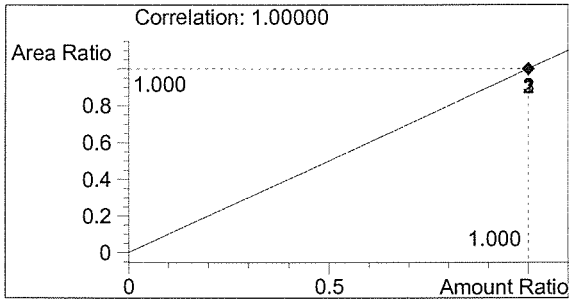


#	Compound	Area	RT
1	Ethanol	1539	1.041
2	n-Propanol	3498	1.700

Totals:



Ethanol 0.100 g/100ml

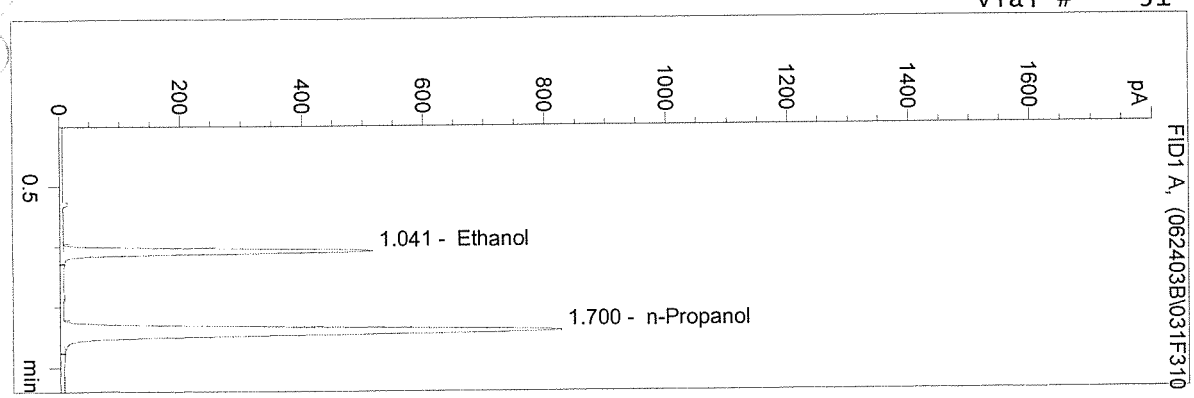


n-Propanol 1.000 g/100ml

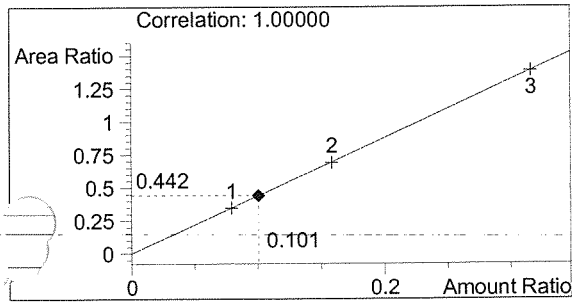
C:\HPCHEM\1\METHODS\BLDALCO.M
6/24/03 7:52:46 PM
Instrument 1
ALC1

03019 Sim-4
N Nuwayhid, PhD

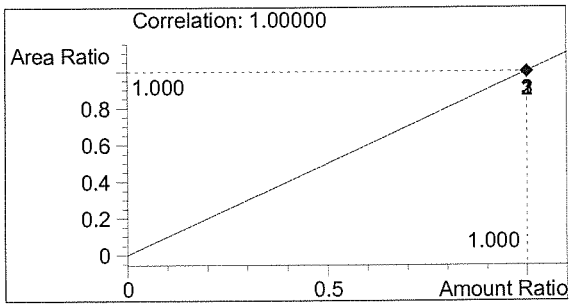
vial # 31



#	Compound	Area	RT
1	Ethanol	1523	1.041
2	n-Propanol	3443	1.700
Totals:			



Ethanol 0.101 g/100ml

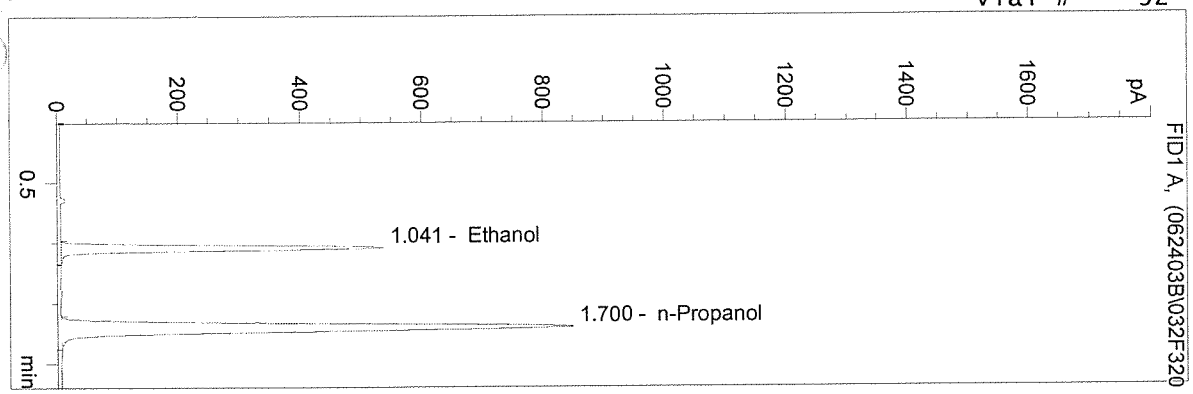


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/24/03 7:55:49 PM
Instrument 1
ALC1

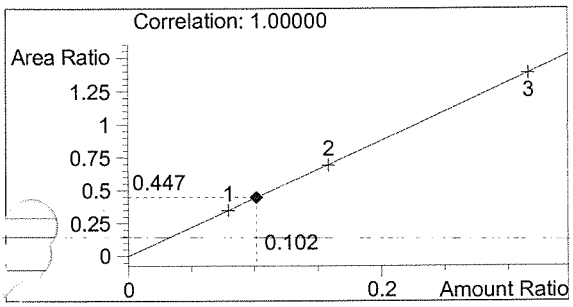
03019 Sim-5
N Nuwayhid, PhD

vial # 32

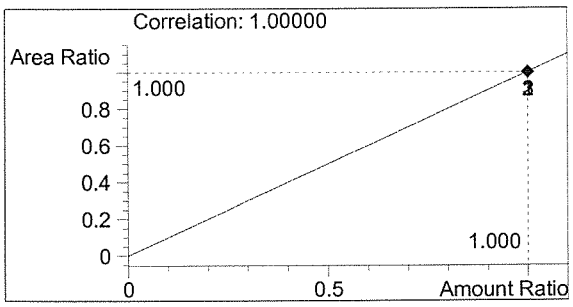


#	Compound	Area	RT
1	Ethanol	1578	1.041
2	n-Propanol	3534	1.700

Totals:



Ethanol 0.102 g/100ml

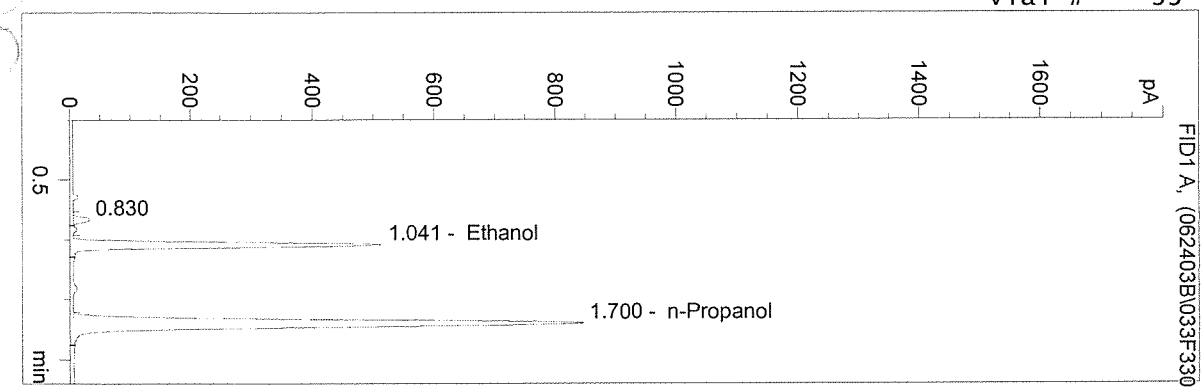


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/24/03 7:59:10 PM
Instrument 1
ALC1

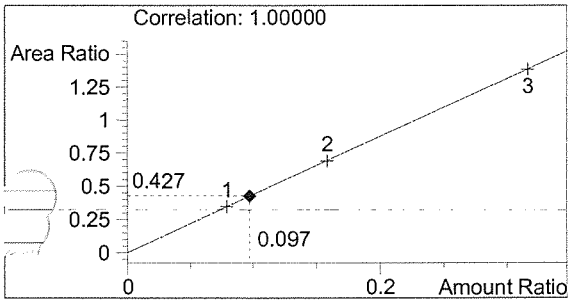
0.100 CTRL
N Nuwayhid, PhD

vial # 33

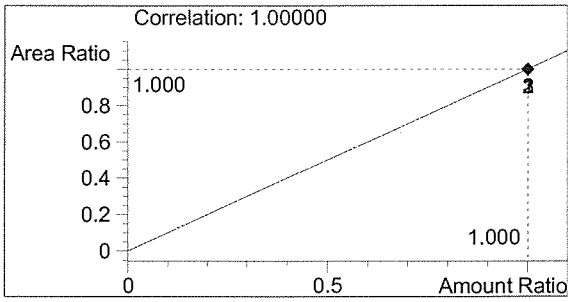


#	Compound	Area	RT
1		79	0.830
2	Ethanol	1502	1.041
3	n-Propanol	3517	1.700

Totals:



Ethanol 0.097 g/100ml

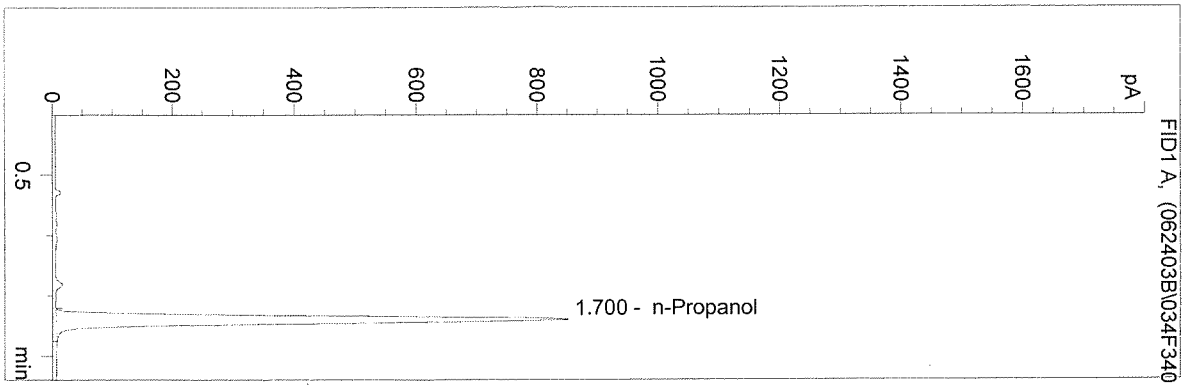


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/24/03 8:02:12 PM
Instrument 1
ALC1

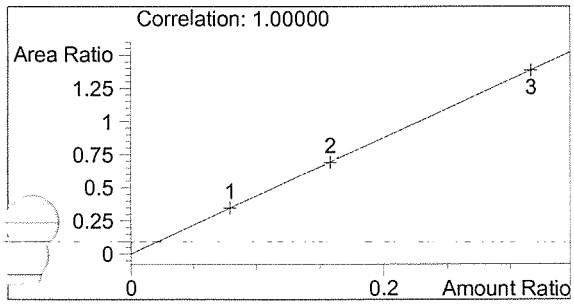
Blank
N Nuwayhid, PhD

vial # 34

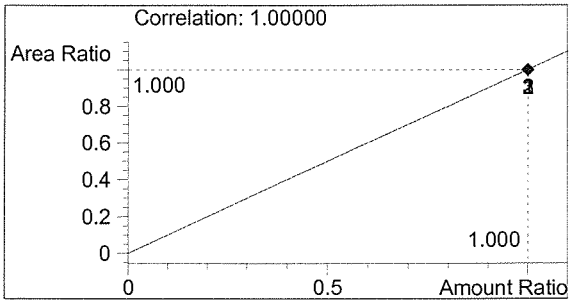


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3544	1.700

Totals:



Ethanol 0.000 g/100ml

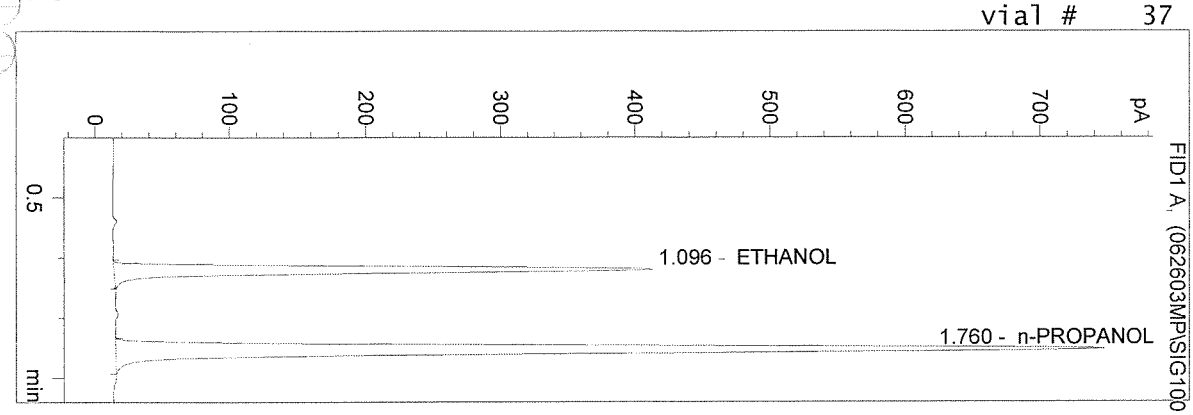


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 9:00:40 AM
Instrument 3
ALC1

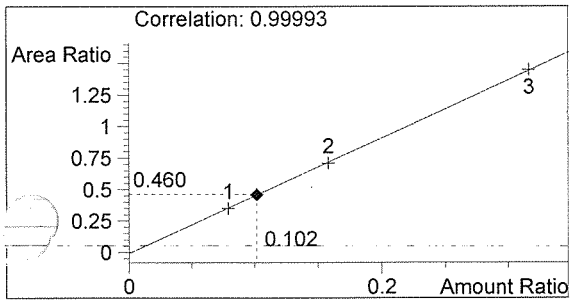
03019 0.08 SIM
M PEMBERTON

vial # 37

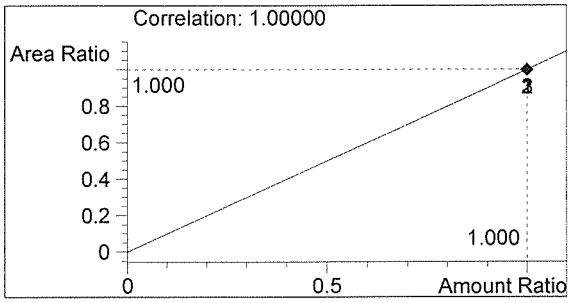


#	Compound	Area	RT
1	ETHANOL	1504	1.096
2	n-PROPANOL	3266	1.760

Totals:



ETHANOL 0.102 g/100mL

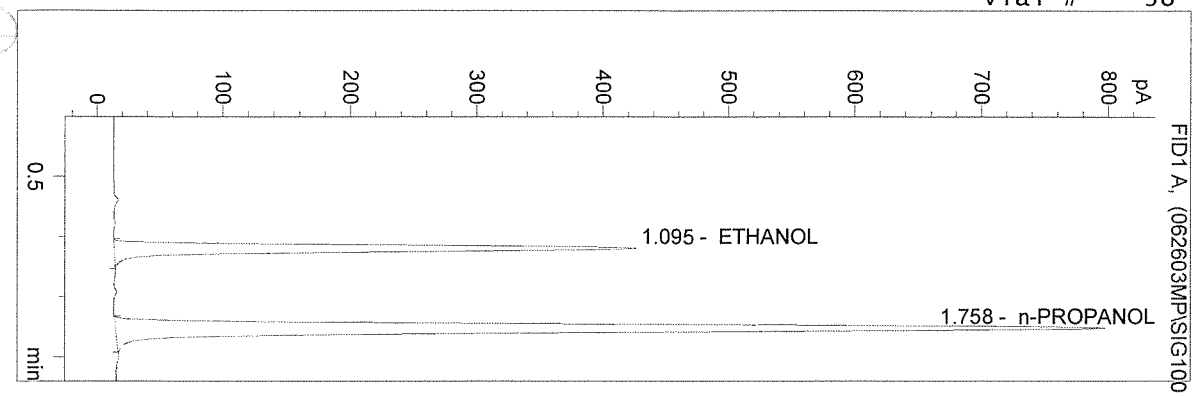


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 9:03:26 AM
Instrument 3
ALC1

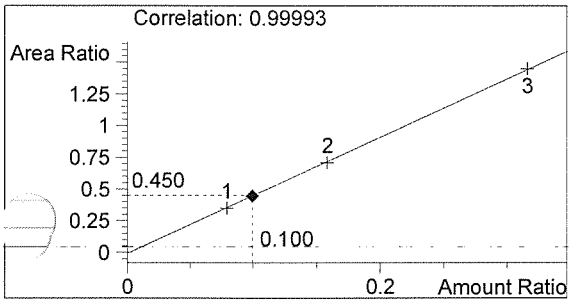
03019 0.08 SIM
M PEMBERTON

vial # 38

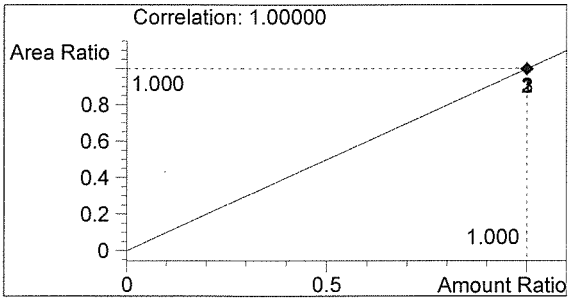


#	Compound	Area	RT
1	ETHANOL	1588	1.095
2	n-PROPANOL	3528	1.758

Totals:



ETHANOL 0.100 g/100mL

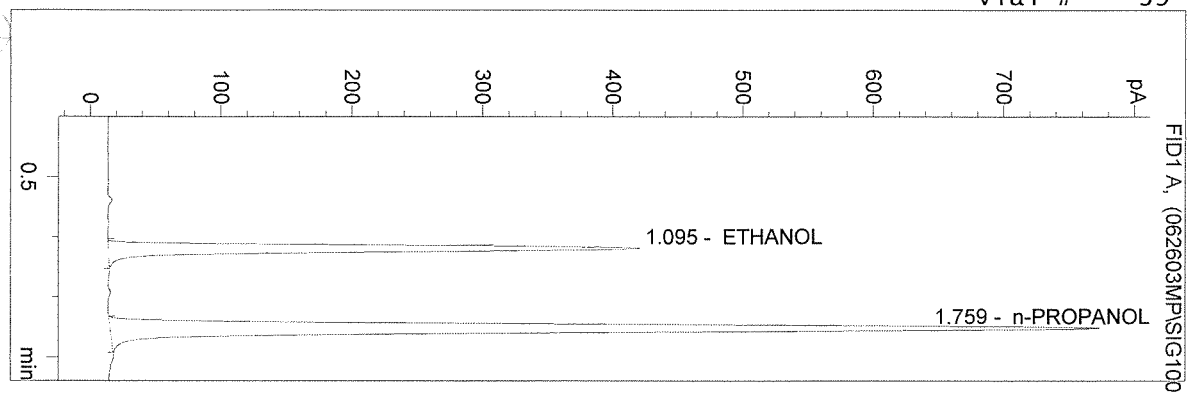


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 9:06:16 AM
Instrument 3
ALC1

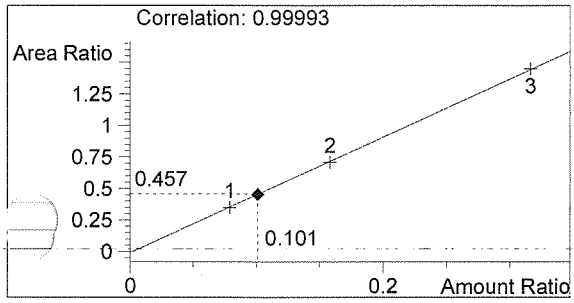
03019 0.08 SIM
M PEMBERTON

vial # 39

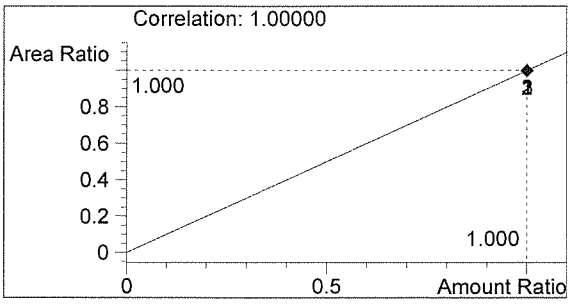


#	Compound	Area	RT
1	ETHANOL	1557	1.095
2	n-PROPANOL	3405	1.759

Totals:



ETHANOL 0.101 g/100mL

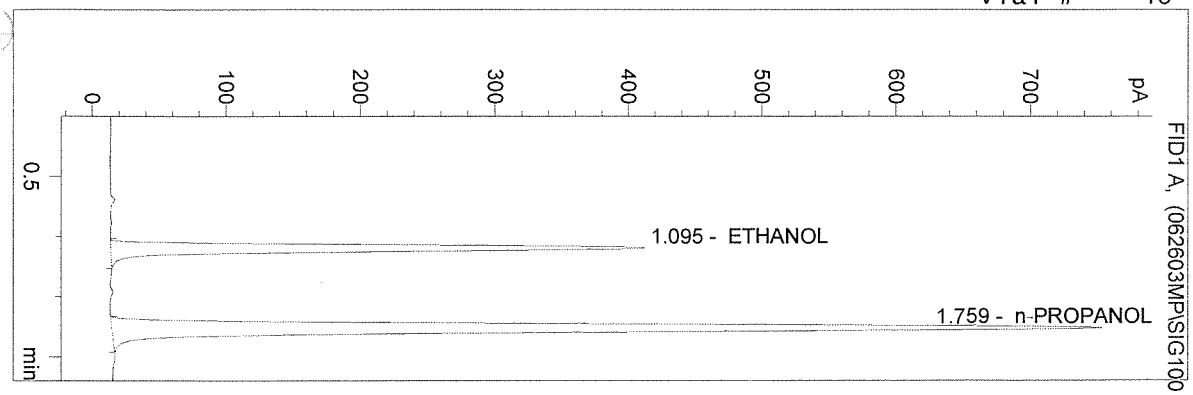


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 9:09:03 AM
Instrument 3
ALC1

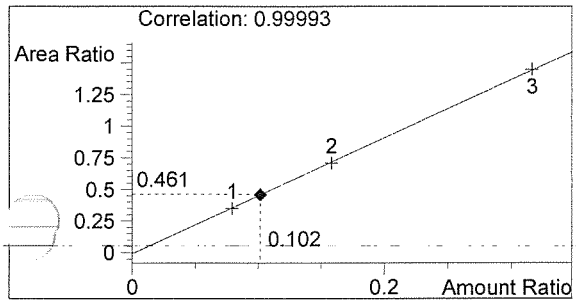
03019 0.08 SIM
M PEMBERTON

vial # 40

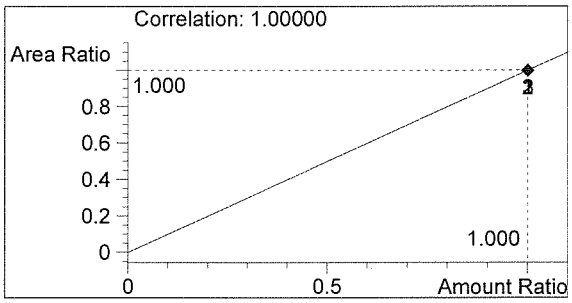


#	Compound	Area	RT
1	ETHANOL	1525	1.095
2	n-PROPANOL	3310	1.759

Totals:



ETHANOL 0.102 g/100mL

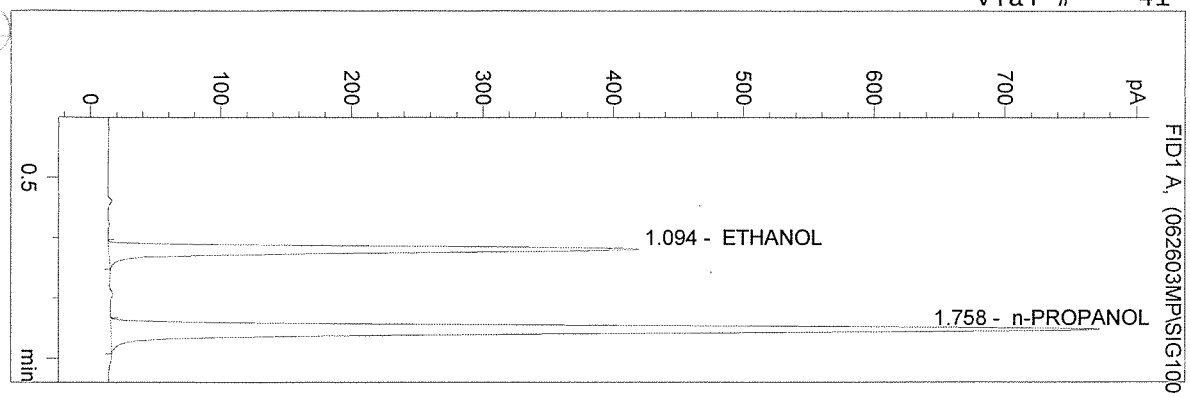


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 9:12:18 AM
Instrument 3
ALC1

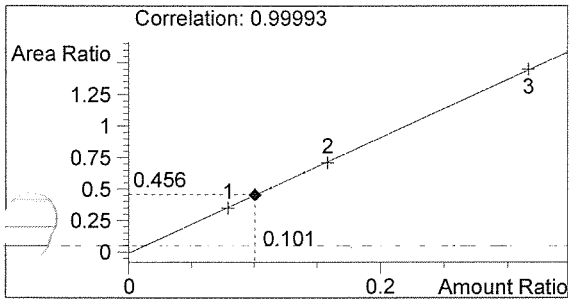
03019 0.08 SIM
M PEMBERTON

vial # 41

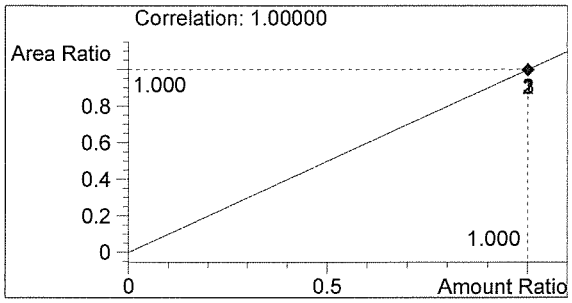


#	Compound	Area	RT
1	ETHANOL	1548	1.094
2	n-PROPANOL	3398	1.758

Totals:



ETHANOL 0.101 g/100mL

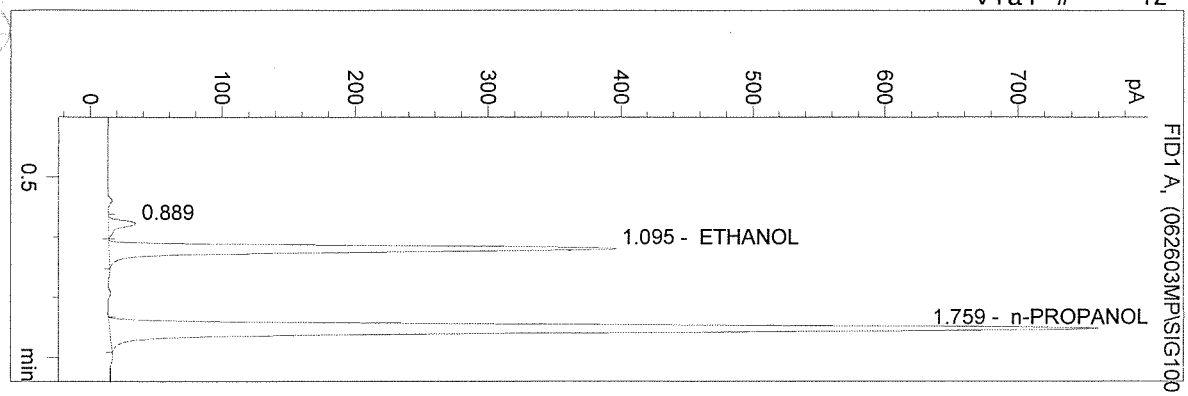


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 9:15:00 AM
Instrument 3
ALC1

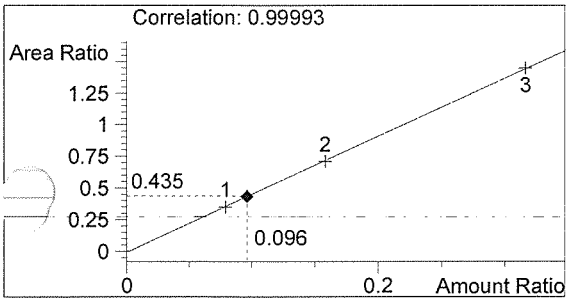
0.10 CONTROL
M PEMBERTON

vial # 42

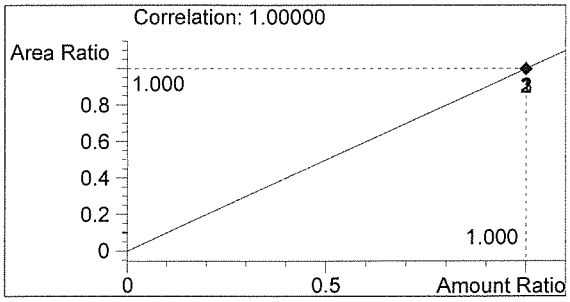


#	Compound	Area	RT
1		85	0.889
2	ETHANOL	1451	1.095
3	n-PROPANOL	3334	1.759

Totals:



ETHANOL 0.096 g/100mL

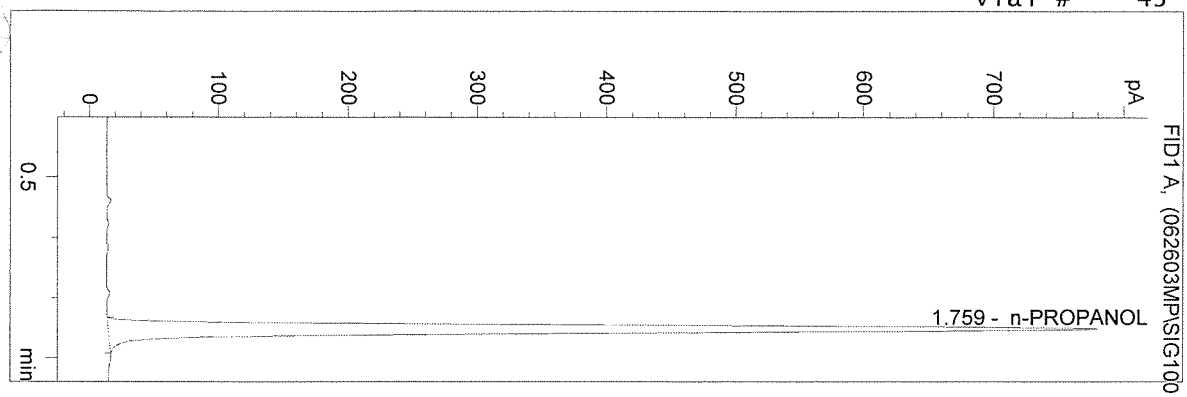


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 9:17:51 AM
Instrument 3
ALC1

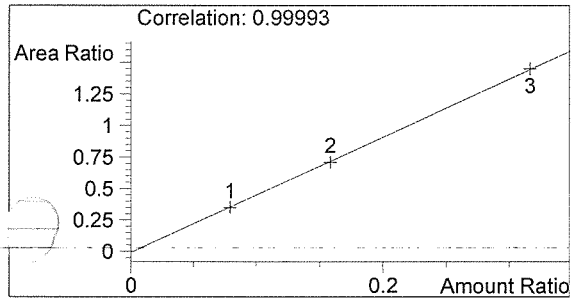
BLK
M PEMBERTON

vial # 43

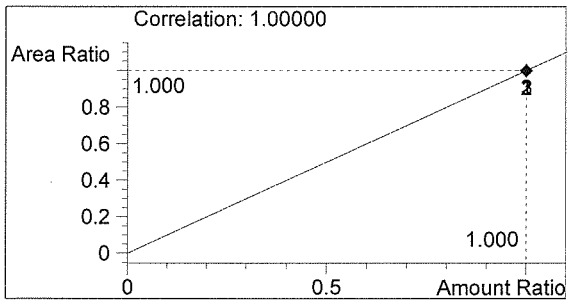


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3442	1.759

Totals:



ETHANOL 0.000 g/100mL

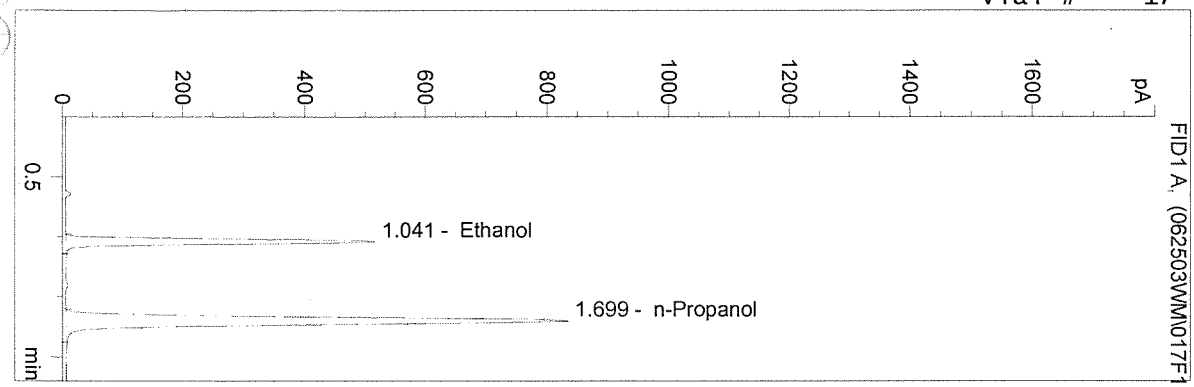


n-PROPANOL 1.000 g/100mL

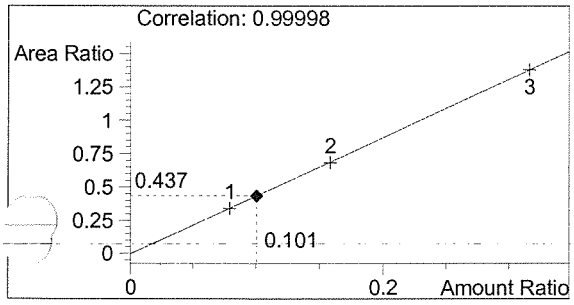
C:\HPCHEM\1\METHODS\BLDALCO.M
6/25/03 11:24:14 AM
Instrument 1
ALC1

SIM 03019
WP MARSHALL

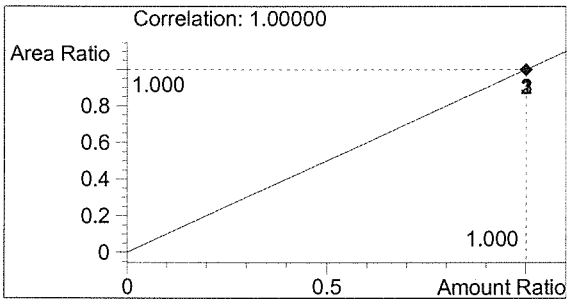
vial # 17



#	Compound	Area	RT
1	Ethanol	1523	1.041
2	n-Propanol	3487	1.699
Totals:			



Ethanol 0.101 g/100ml

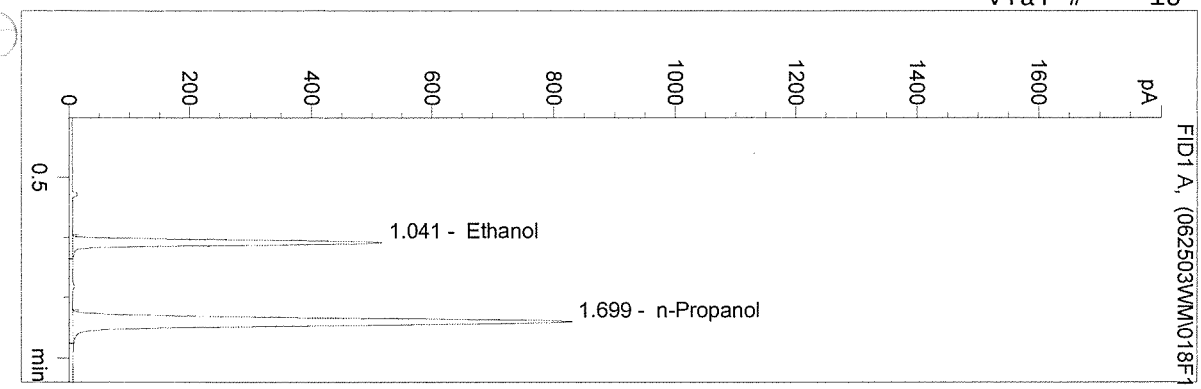


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/25/03 11:27:16 AM
Instrument 1
ALC1

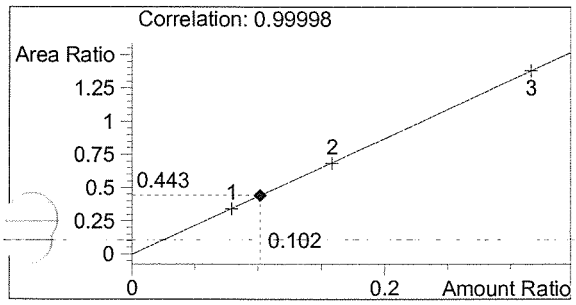
SIM 03019
WP MARSHALL

vial # 18

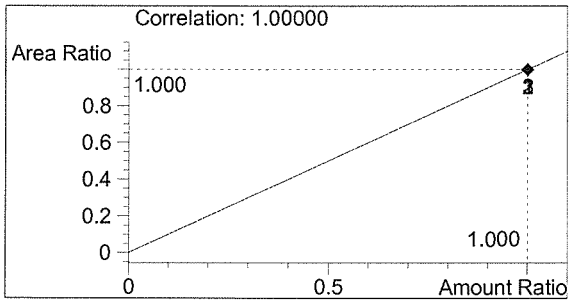


#	Compound	Area	RT
1	Ethanol	1531	1.041
2	n-Propanol	3459	1.699

Totals:



Ethanol 0.102 g/100ml

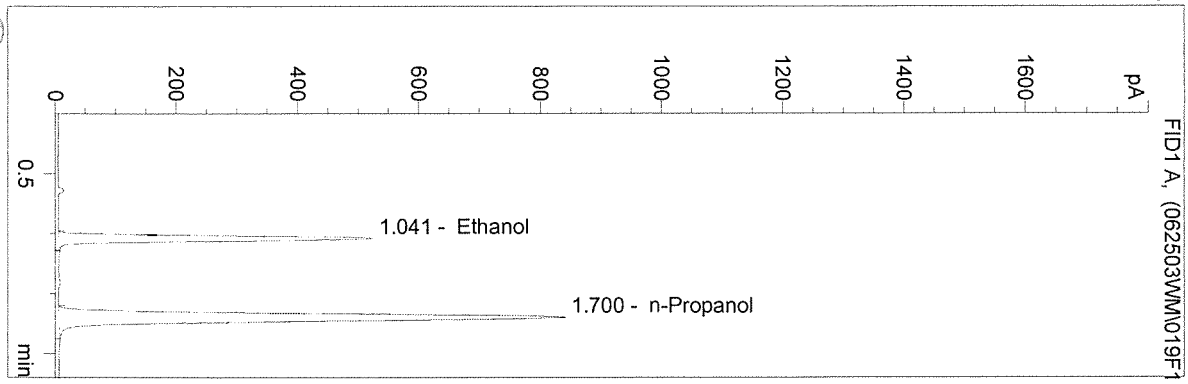


n-Propanol 1.000 g/100ml

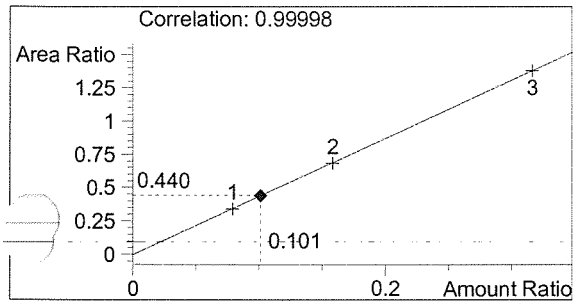
C:\HPCHEM\1\METHODS\BLDALCO.M
6/25/03 11:30:17 AM
Instrument 1
ALC1

SIM 03019
WP MARSHALL

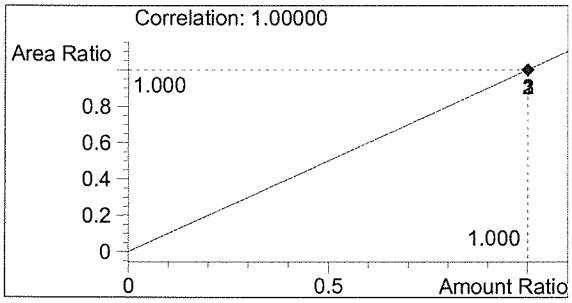
vial # 19



#	Compound	Area	RT
1	Ethanol	1543	1.041
2	n-Propanol	3504	1.700
Totals:			



Ethanol 0.101 g/100ml

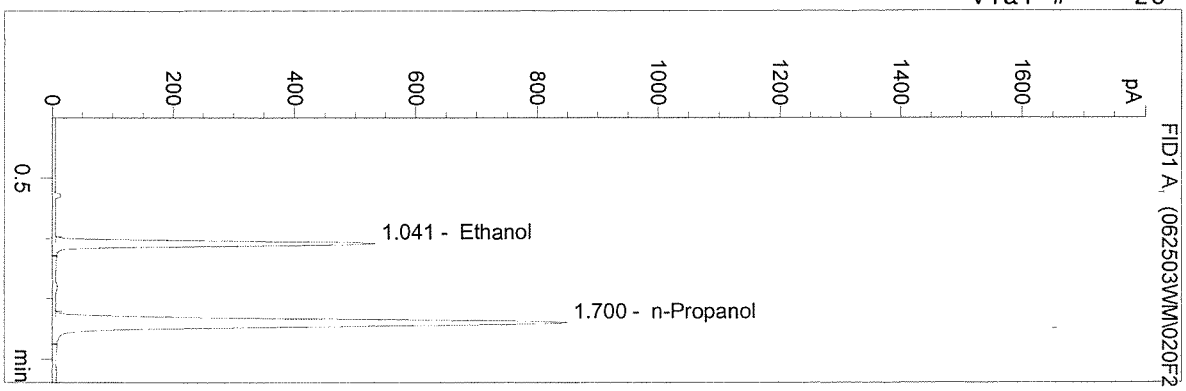


n-Propanol 1.000 g/100ml

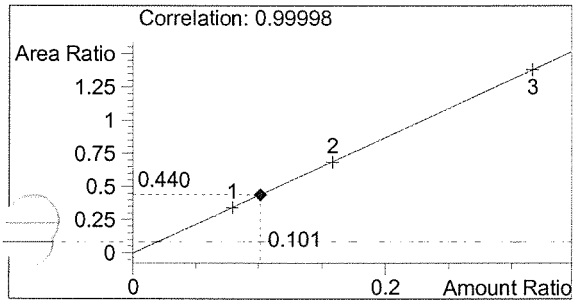
C:\HPCHEM\1\METHODS\BLDALCO.M
6/25/03 11:33:19 AM
Instrument 1
ALC1

SIM 03019
WP MARSHALL

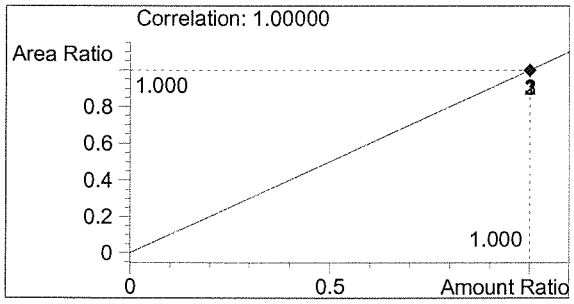
vial # 20



#	Compound	Area	RT
1	Ethanol	1557	1.041
2	n-Propanol	3535	1.700
Totals:			



Ethanol 0.101 g/100ml

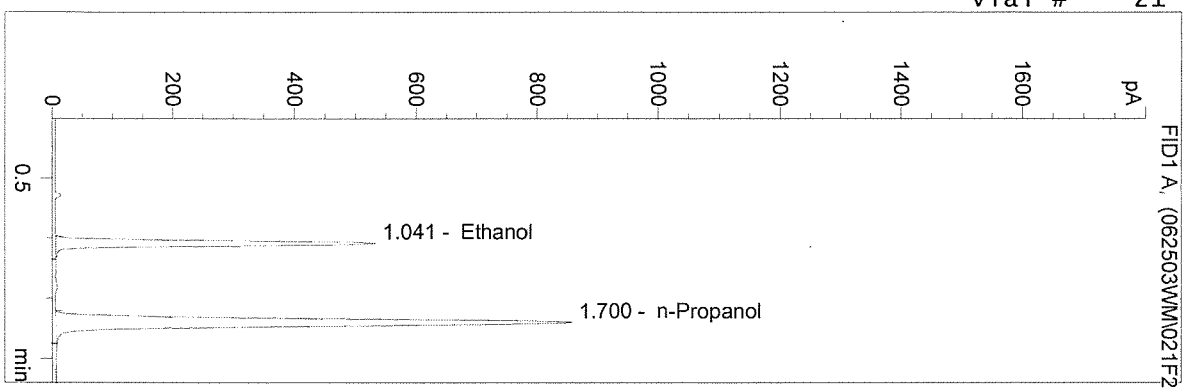


n-Propanol 1.000 g/100ml

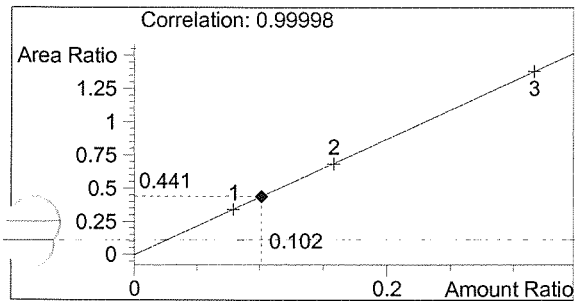
C:\HPCHEM\1\METHODS\BLDALCO.M
6/25/03 11:36:40 AM
Instrument 1
ALC1

SIM 03019
WP MARSHALL

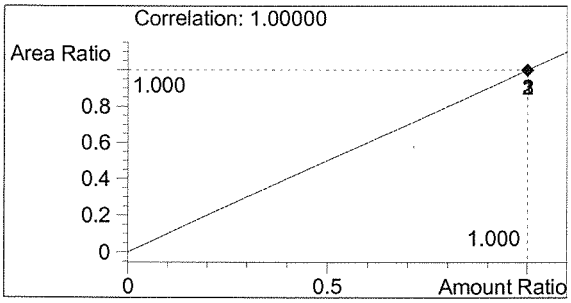
vial # 21



#	Compound	Area	RT
1	Ethanol	1573	1.041
2	n-Propanol	3567	1.700
Totals:			



Ethanol 0.102 g/100ml

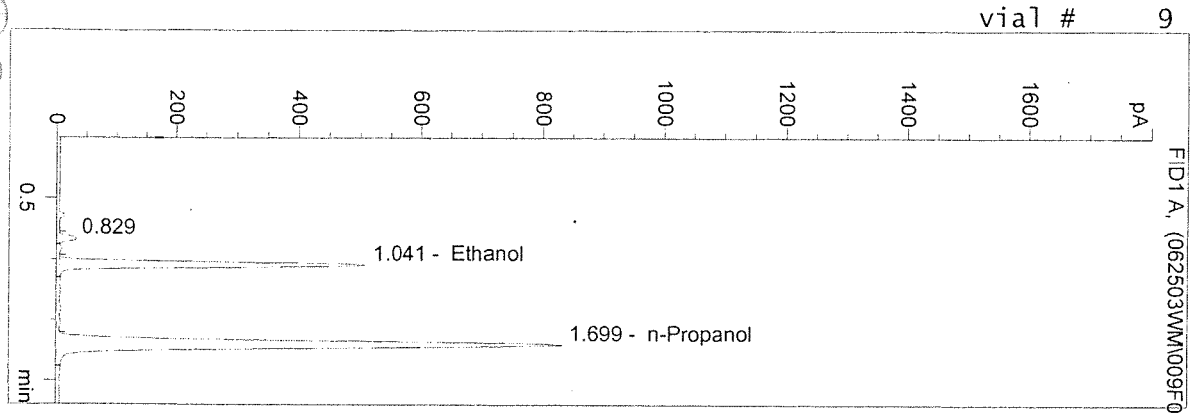


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/25/03 10:59:22 AM
Instrument 1
DB-ALC1

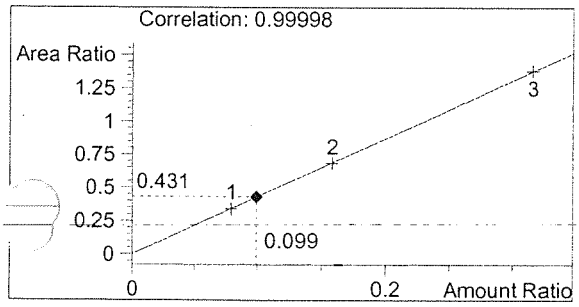
CONTROL 0.10 WM
WP MARSHALL

vial # 9

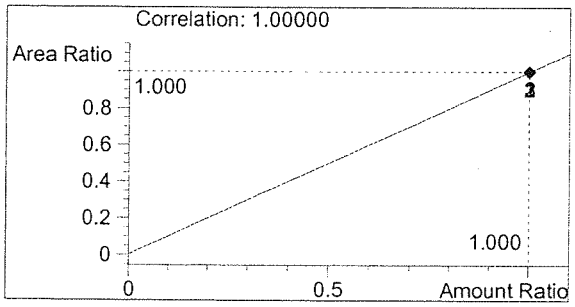


#	Compound	Area	RT
1		81	0.829
2	Ethanol	1495	1.041
3	n-Propanol	3468	1.699

Totals:



Ethanol 0.099 g/100ml

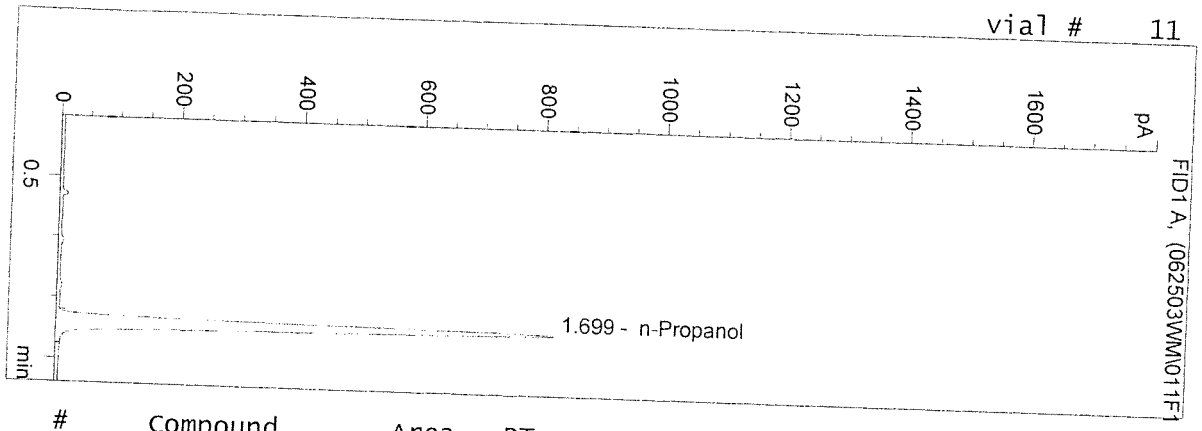


n-Propanol 1.000 g/100ml

STDS
033981

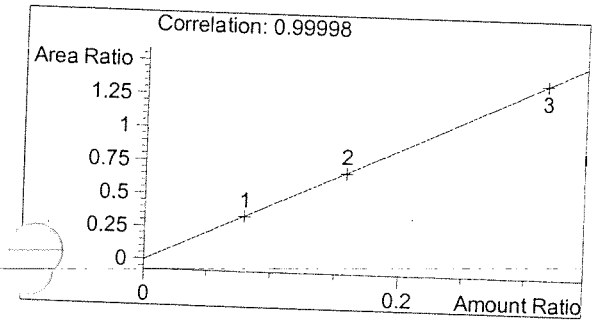
C:\HPCHEM\1\METHODS\BLDALCO.M
6/25/03 11:05:25 AM
Instrument 1
DB-ALC1

BLANK
WP MARSHALL

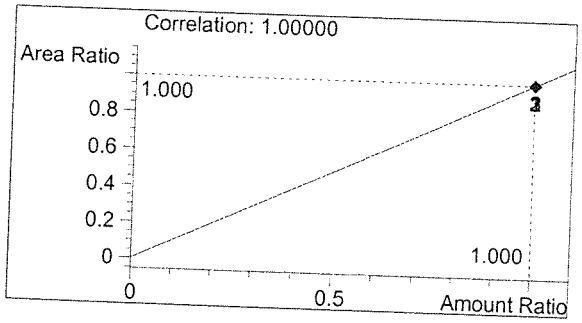


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3431	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml