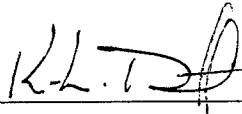


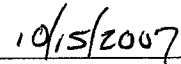
Notice of Simulator Solution File Review

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.

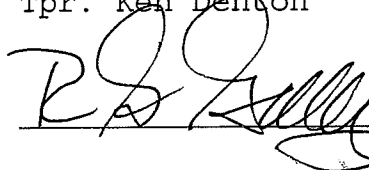
Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.





Tpr. Ken Denton

Date





Rod G. Gullberg

Date

Washington State Toxicology Laboratory
Simulator Solution Data Entry Review Form

Reviewer KEN BENTON / TROY GULLBERG Date 10-9-07
Location T07 LAB SEATTLE Batch Number 05018

Form Review Criteria

Preparation date precedes all analysis dates: Okay Not Okay ___
Data entry corresponds to all chromatograms: Okay Not Okay ___
All signatures present: Okay Not Okay ___



Computations:

Avg. solution concentration: Correct Not Correct ___
Standard deviation: Correct Not Correct ___
Range: Correct Not Correct ___
Precision: Correct Not Correct ___
Equivalent vapor concent.: Correct Not Correct ___
External Control Information
(lot # and future date): Correct Not Correct ___

Complies with accuracy and precision requirements established by the
State Toxicologist: Yes No ___

Corrections Necessary:

Comments:

Reviewer Signature:  Date: 10-9-07
Reviewer Signature:  Date: 10/9/2007

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 **0.04** g/210L **Quality Assurance solution**

Batch number **05018**

Date: 5/24/2005

Preparation: 11.1 mL of absolute ethyl alcohol diluted to 18 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	Anal 10	Anal 11	Anal 12
1	0.049	0.049	0.049									
2	0.049	0.049	0.049									
3	0.050	0.049	0.049									
4	0.050	0.049	0.049									
5	0.050	0.049	0.049									
Ctrl	0.100	0.098	0.099									

External Control:

Lot #: A028603 Exp date: 12/07

Target concentration: 0.10 g/100mL

Statistics:

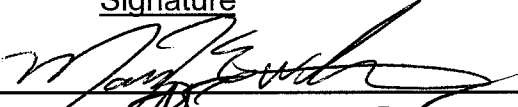
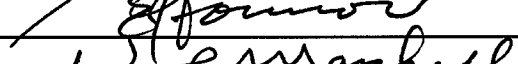
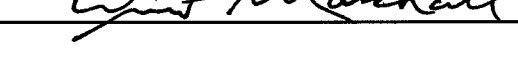
Avg. solution concent.: 0.0492 g/100 mL

SD: 0.00041

Range (3xSD): 0.0480 to 0.0504

Precision CV (%): 0.8415 %

Equivalent vapor concent.: 0.0400 g/210L

Analyst	Name	Signature	Date
1	Mary E Wilson		05/24/2005
2	Edward Formoso		05/25/2005
3	William P Marshall		05/26/2005
4			
5			
6			
7			
8			
9			
10			
11			
12			

Prepared by: Mary E Wilson

according to the approved protocol



STATE OF WASHINGTON
WASHINGTON STATE PATROL

WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360•Seattle, Washington 98134-2927•(206) 262-6100•FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

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

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

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

The quality assurance solution, Lot Number 05018, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0492 grams per 100ml.

Dated: 6/8/05
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/la
MEWQA





STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360•Seattle, Washington 98134-2927•(206) 262-6100•FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

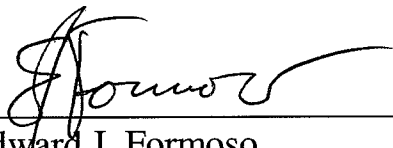
I, Edward J. Formoso, do certify under penalty of perjury as follows:

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

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

The quality assurance solution, Lot Number 05018, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0492 grams per 100ml.

Dated: 6/8/05
Seattle, WA



Edward J. Formoso
Forensic Toxicologist

EJF/la
EFQA



STATE OF WASHINGTON
WASHINGTON STATE PATROL

WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360•Seattle, Washington 98134-2927•(206) 262-6100•FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

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

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

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

The quality assurance solution, Lot Number 05018 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0492 grams per 100ml.

Dated: 6/8/05
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/la
WMQA



Sequence Parameters:

Operator: mary wilson
 Data File Naming: Auto
 Data Directory: D:\HPCHEM\1\DATA\
 Data Subdirectory: 050524MW
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none
 Sequence Comment:

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	0.10ctlmw	BLDALCO	1	Ctrl Samp		
2	Vial 2	blank	BLDALCO	1	Sample		
3	Vial 3	05018 QA SOL	BLDALCO	1	Sample		
4	Vial 4	05018 QA SOL	BLDALCO	1	Sample		
5	Vial 5	05018 QA SOL	BLDALCO	1	Sample		
6	Vial 6	05018 QA SOL	BLDALCO	1	Sample		
7	Vial 7	05018 QA SOL	BLDALCO	1	Sample		
8	Vial 8	0.10ctlmw	BLDALCO	1	Ctrl Samp		
9	Vial 9	blank	BLDALCO	1	Sample		
10	Vial 10	05017 sim sol	BLDALCO	1	Sample		
11	Vial 11	05017 sim sol	BLDALCO	1	Sample		
12	Vial 12	05017 sim sol	BLDALCO	1	Sample		
13	Vial 13	05017 sim sol	BLDALCO	1	Sample		
14	Vial 14	05017 sim sol	BLDALCO	1	Sample		
15	Vial 15	0.10ctlmw	BLDALCO	1	Ctrl Samp		
16	Vial 16	blank	BLDALCO	1	Sample		
17	Vial 17	05019 QA SOL	BLDALCO	1	Sample		
18	Vial 18	05019 QA SOL	BLDALCO	1	Sample		
19	Vial 19	05019 QA SOL	BLDALCO	1	Sample		
20	Vial 20	05019 QA SOL	BLDALCO	1	Sample		
21	Vial 21	05019 QA SOL	BLDALCO	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval

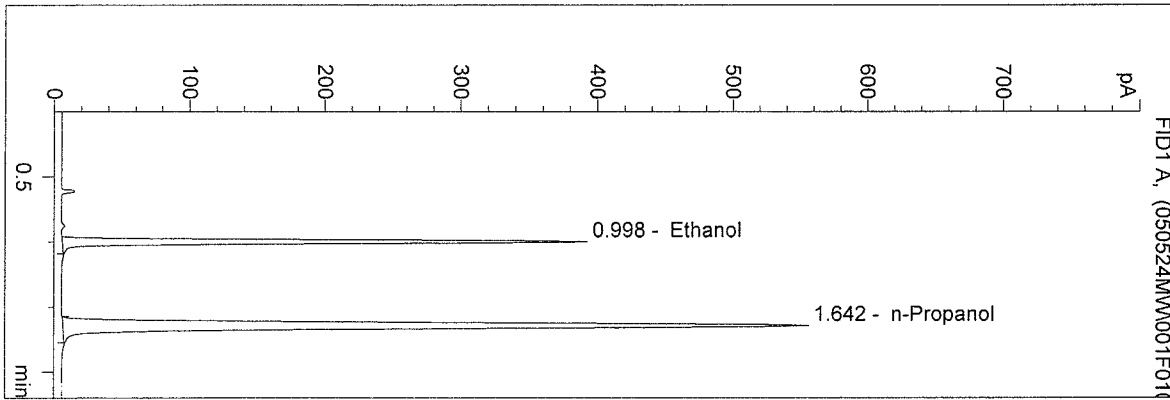
Sequence Table (Back Injector):

No entries - empty table!

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/24/2005 2:03:08 PM
 Instrument 4
 DB-ALC1

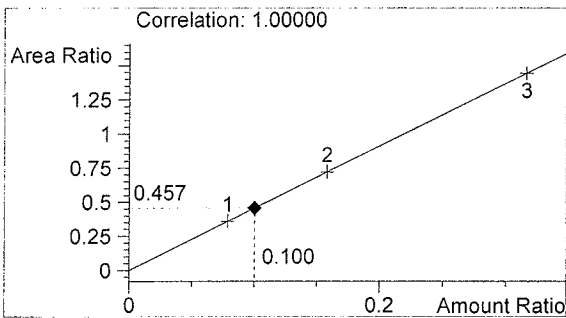
0.10ctlmw
 mary wilson

vial # 1

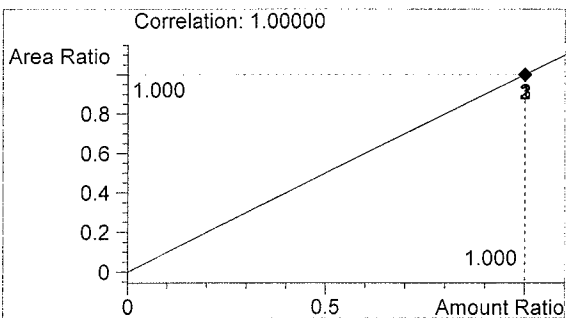


#	Compound	Area	RT
1	Ethanol	792	0.998
2	n-Propanol	1733	1.642

Totals:



Ethanol 0.100 g/100ml

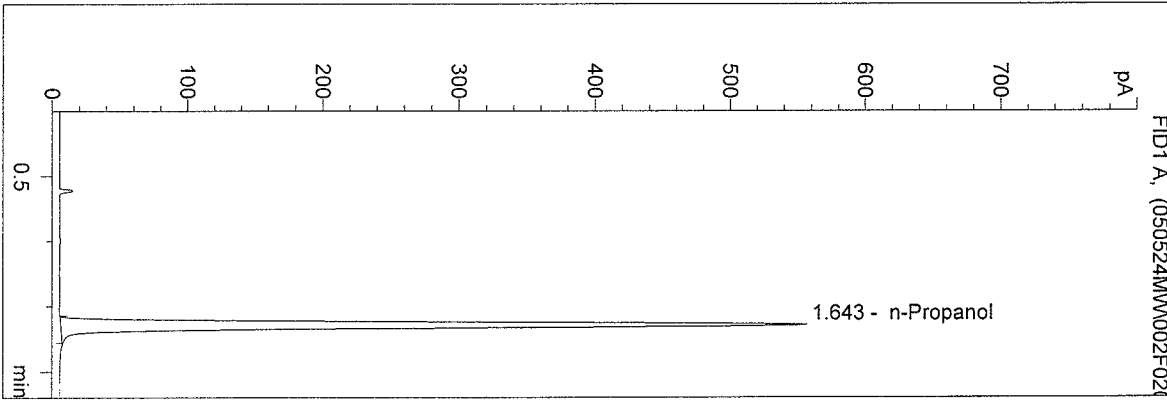


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/24/2005 2:06:26 PM
 Instrument 4
 DB-ALC1

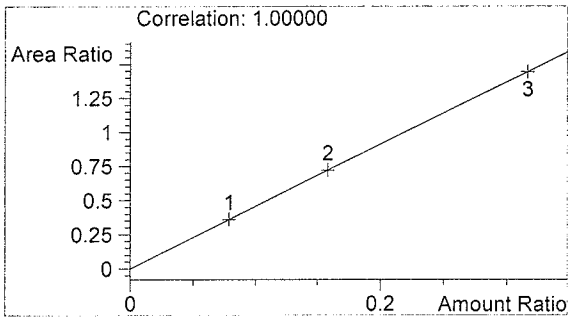
blank
 mary wilson

vial # 2

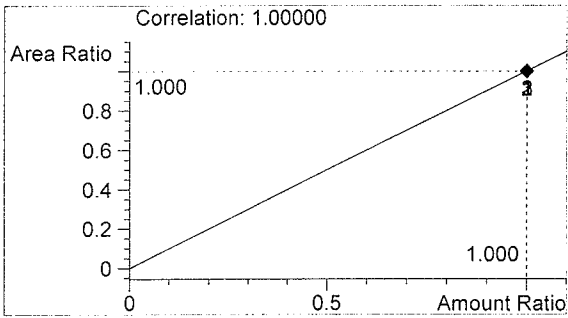


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1735	1.643

Totals:



Ethanol 0.000 g/100ml

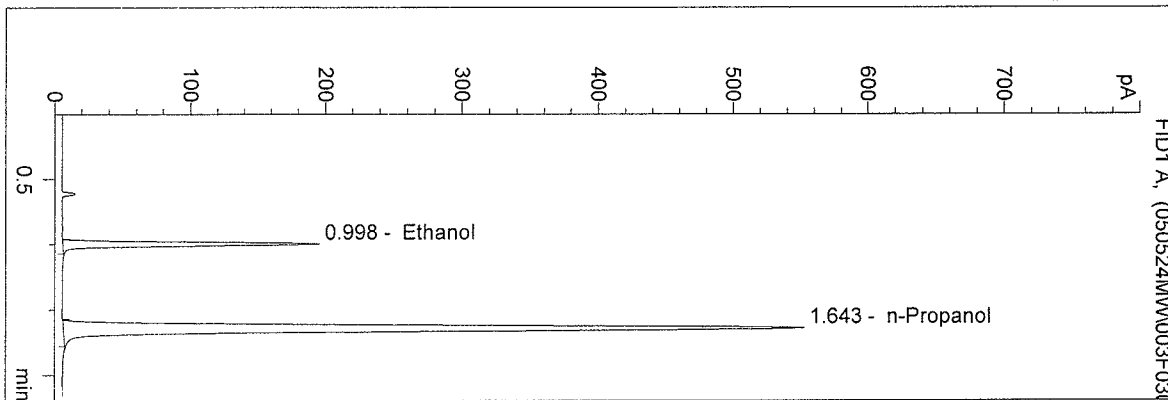


n-Propanol 1.000 g/100ml

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 5/24/2005 2:09:44 PM
 Instrument 4
 DB-ALC1

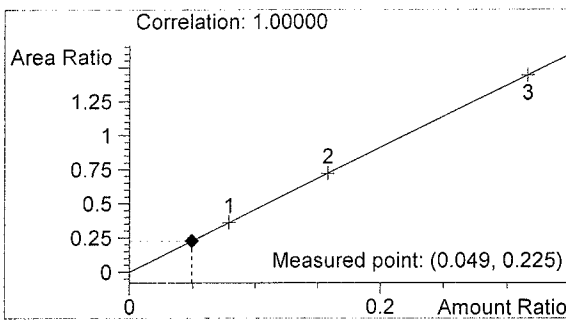
05018 QA SOL
 mary wilson

vial # 3

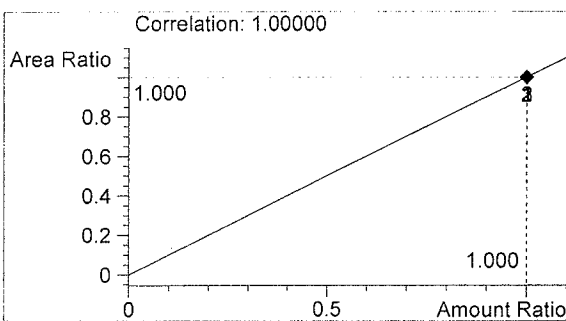


#	Compound	Area	RT
1	Ethanol	387	0.998
2	n-Propanol	1722	1.643

Totals:



Ethanol 0.049 g/100ml

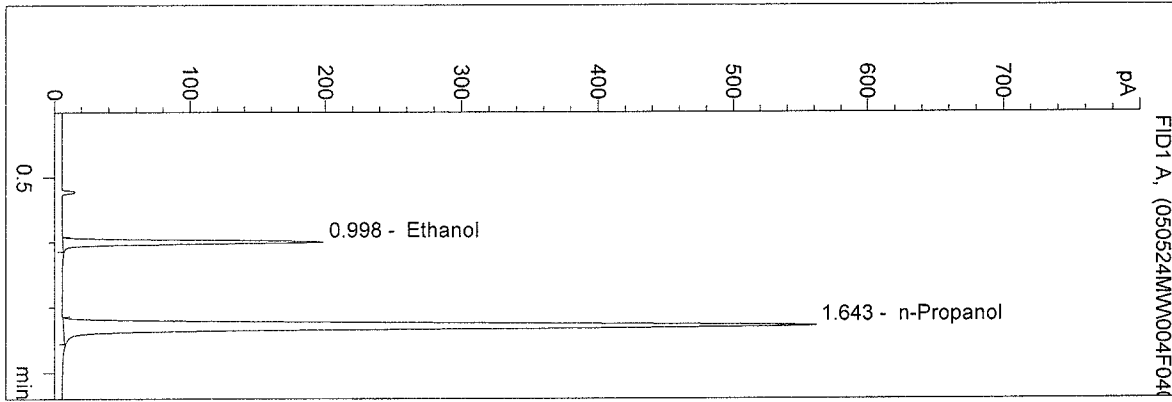


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/24/2005 2:12:55 PM
 Instrument 4
 DB-ALC1

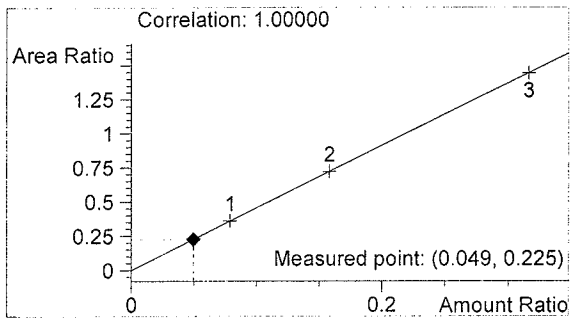
05018 QA SOL
 mary wilson

vial # 4

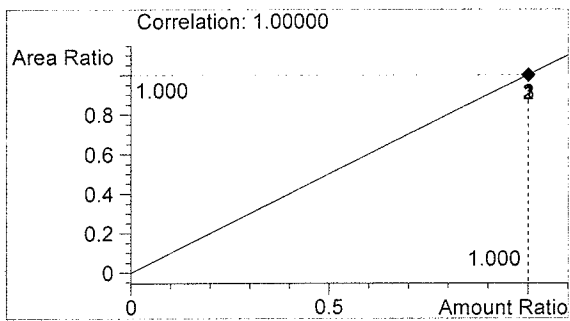


#	Compound	Area	RT
1	Ethanol	394	0.998
2	n-Propanol	1751	1.643

Totals:



Ethanol 0.049 g/100ml

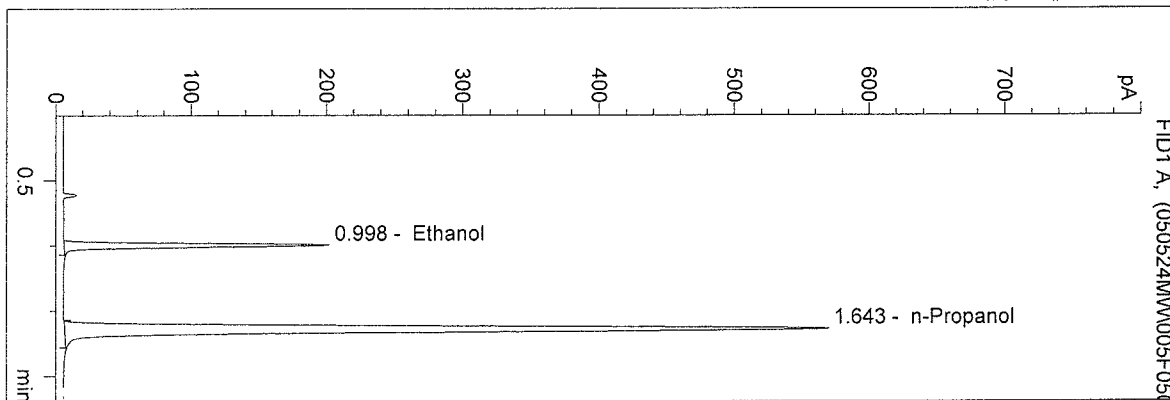


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/24/2005 2:16:05 PM
 Instrument 4
 DB-ALC1

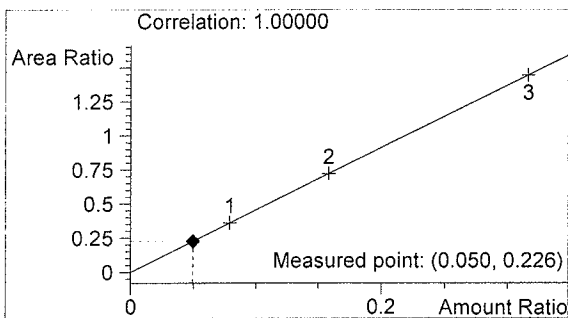
05018 QA SOL
 mary wilson

vial # 5

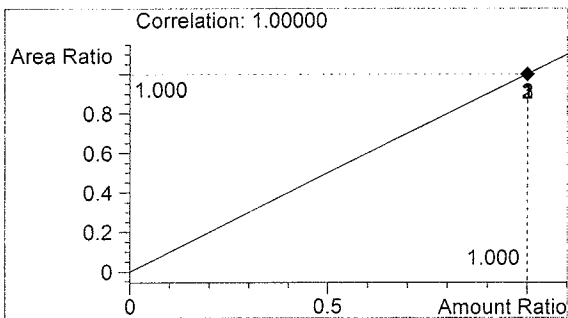


#	Compound	Area	RT
1	Ethanol	402	0.998
2	n-Propanol	1777	1.643

Totals:



Ethanol 0.050 g/100ml

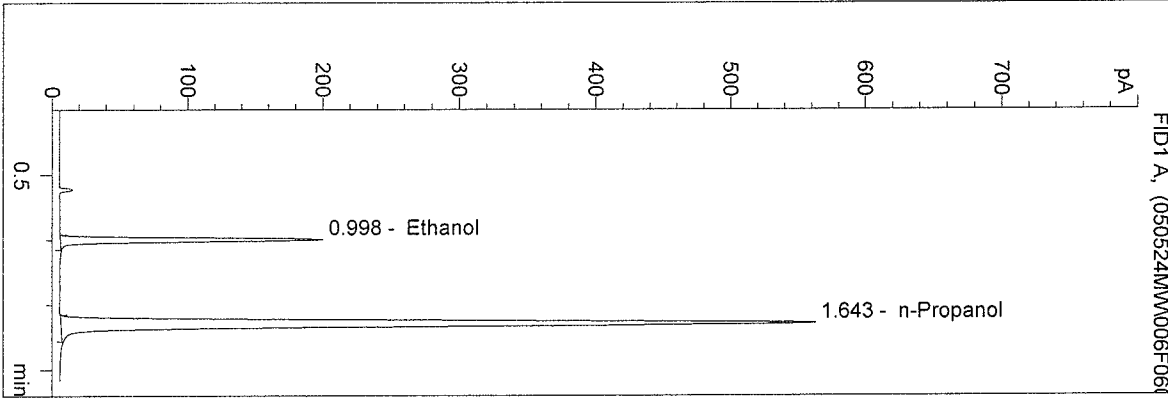


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/24/2005 2:19:14 PM
 Instrument 4
 DB-ALC1

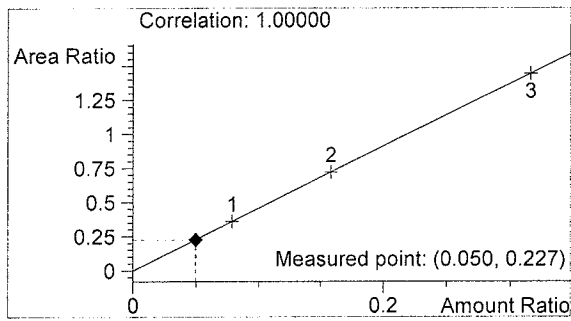
05018 QA SOL
 mary wilson

vial # 6

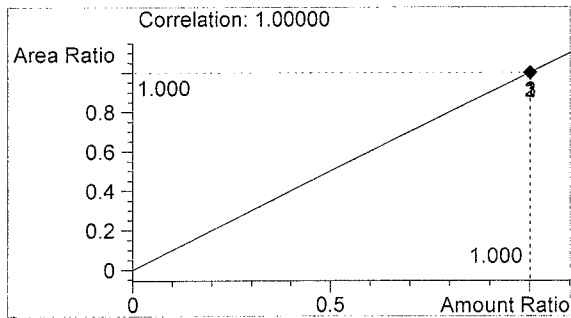


#	Compound	Area	RT
1	Ethanol	398	0.998
2	n-Propanol	1755	1.643

Totals:



Ethanol 0.050 g/100ml

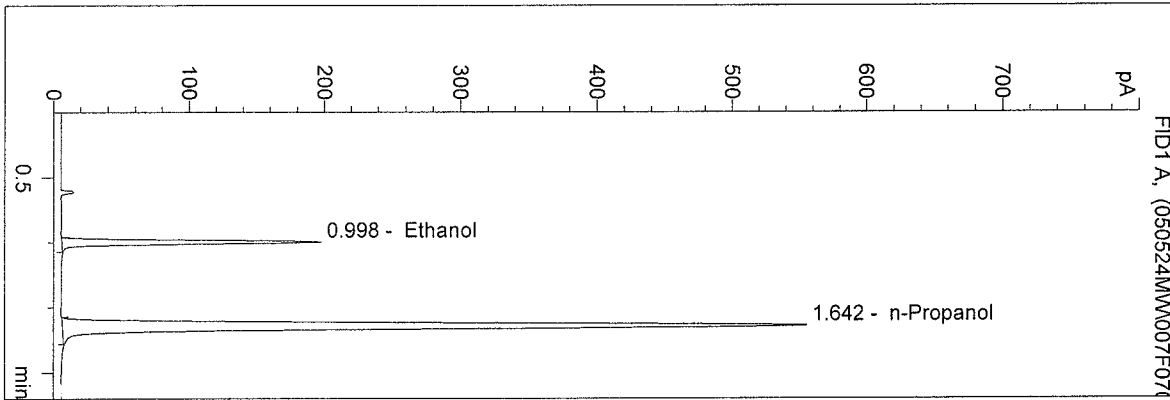


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/24/2005 2:24:49 PM
 Instrument 4
 DB-ALC1

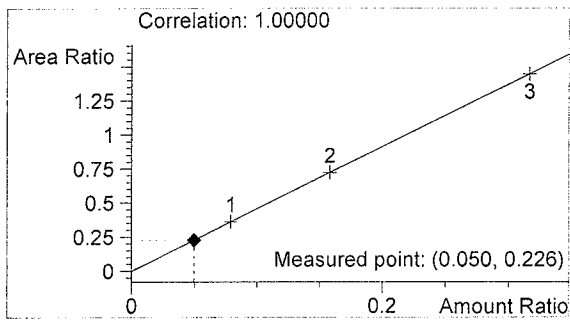
05018 QA SOL
 mary wilson

vial # 7

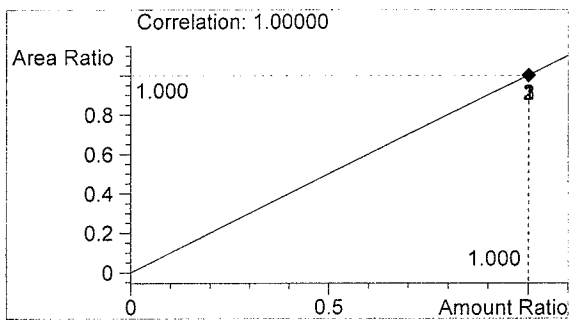


#	Compound	Area	RT
1	Ethanol	391	0.998
2	n-Propanol	1731	1.642

Totals:



Ethanol 0.050 g/100ml

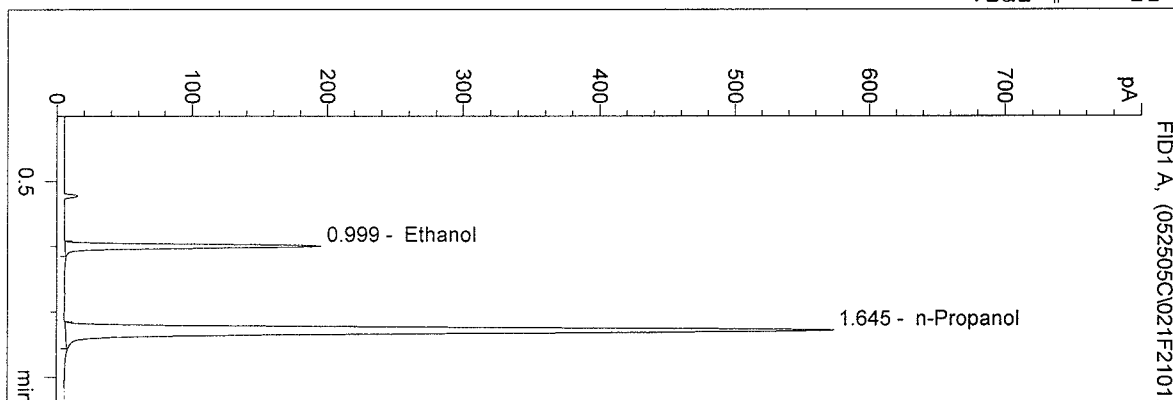


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/25/2005 2:05:27 PM
 Instrument 4
 DB-ALC1

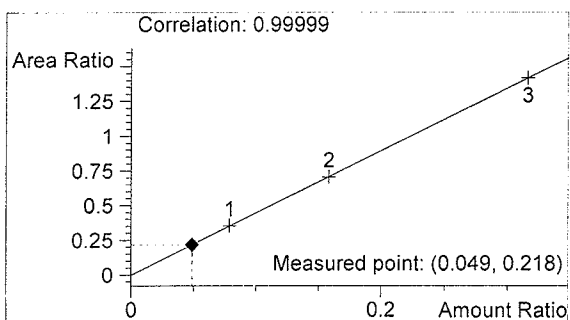
05018
 ED FORMOSO

vial # 21

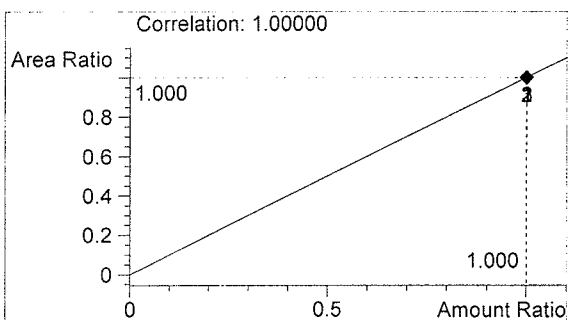


#	Compound	Area	RT
1	Ethanol	389	0.999
2	n-Propanol	1787	1.645

Totals:



Ethanol 0.049 g/100ml

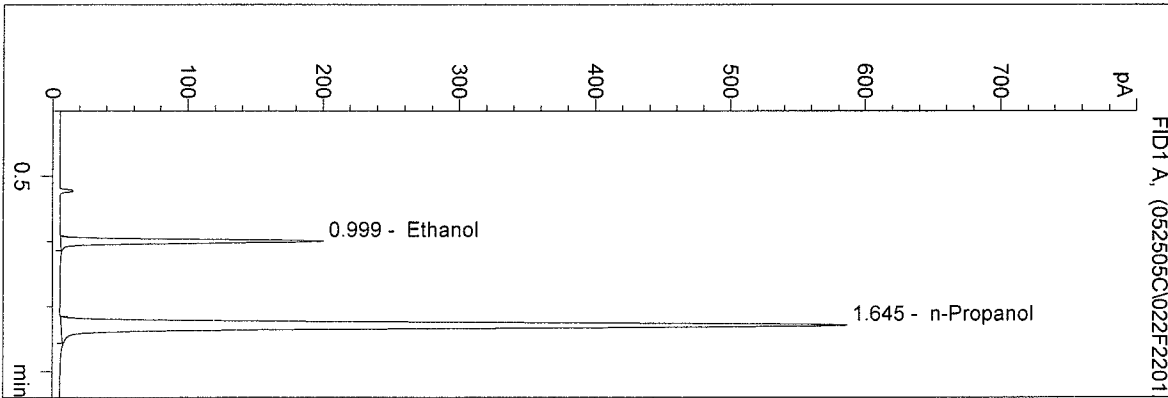


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/25/2005 2:08:44 PM
 Instrument 4
 DB-ALC1

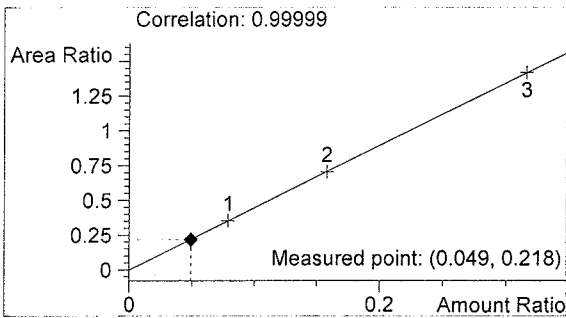
05018
 ED FORMOSO

vial # 22

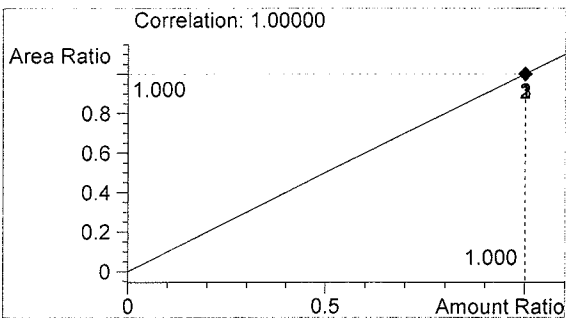


#	Compound	Area	RT
1	Ethanol	400	0.999
2	n-Propanol	1833	1.645

Totals:



Ethanol 0.049 g/100ml

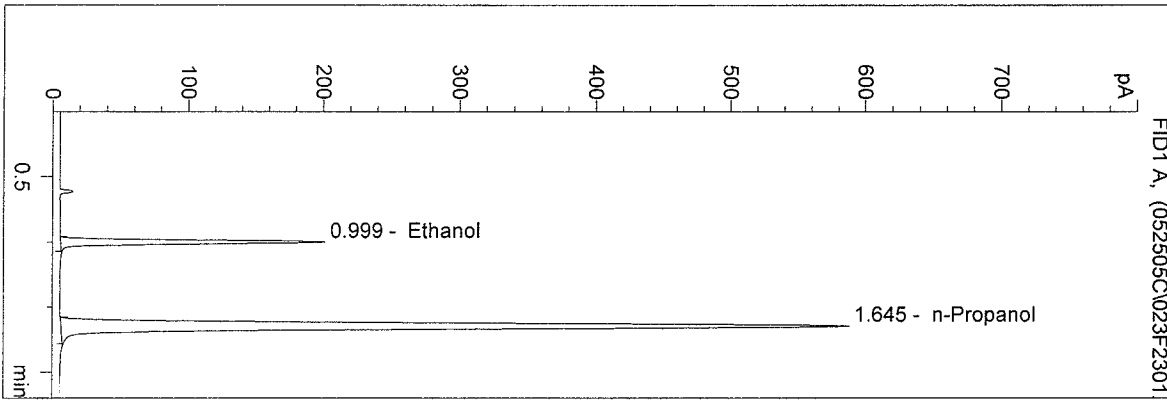


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/25/2005 2:12:05 PM
 Instrument 4
 DB-ALC1

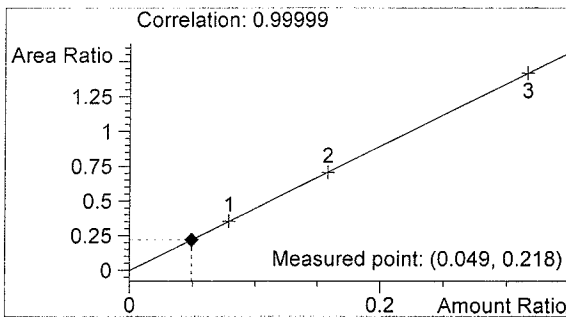
05018
 ED FORMOSO

vial # 23

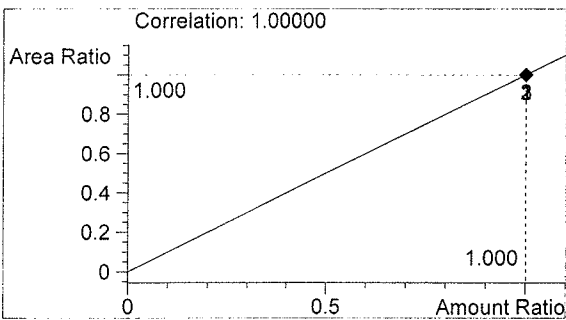


#	Compound	Area	RT
1	Ethanol	400	0.999
2	n-Propanol	1832	1.645

Totals:



Ethanol 0.049 g/100ml

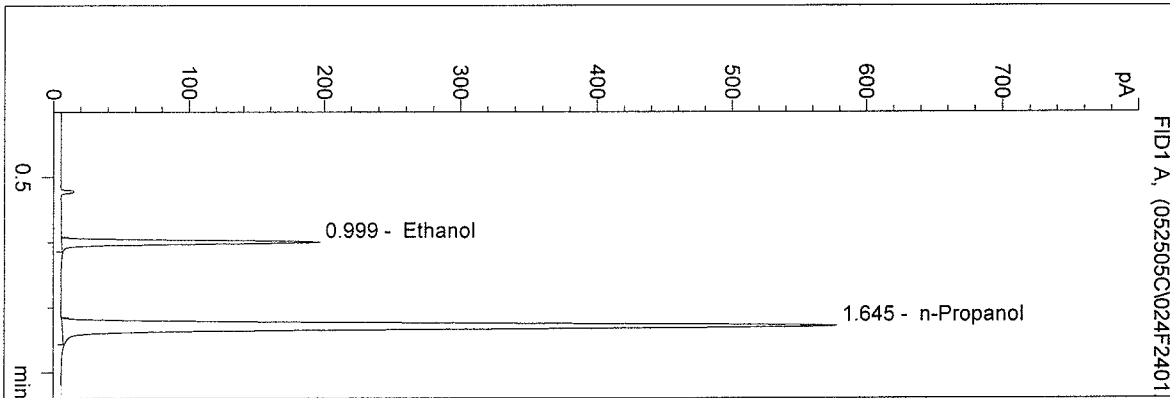


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/25/2005 2:15:22 PM
 Instrument 4
 DB-ALC1

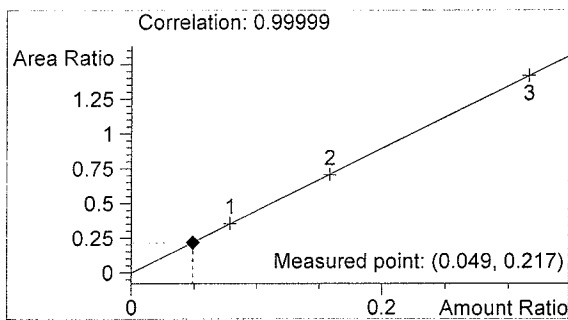
05018
 ED FORMOSO

vial # 24

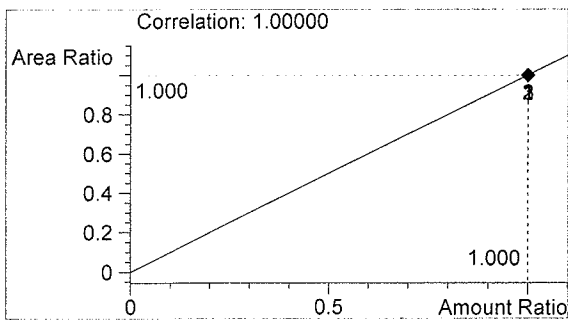


#	Compound	Area	RT
1	Ethanol	391	0.999
2	n-Propanol	1803	1.645

Totals:



Ethanol 0.049 g/100ml

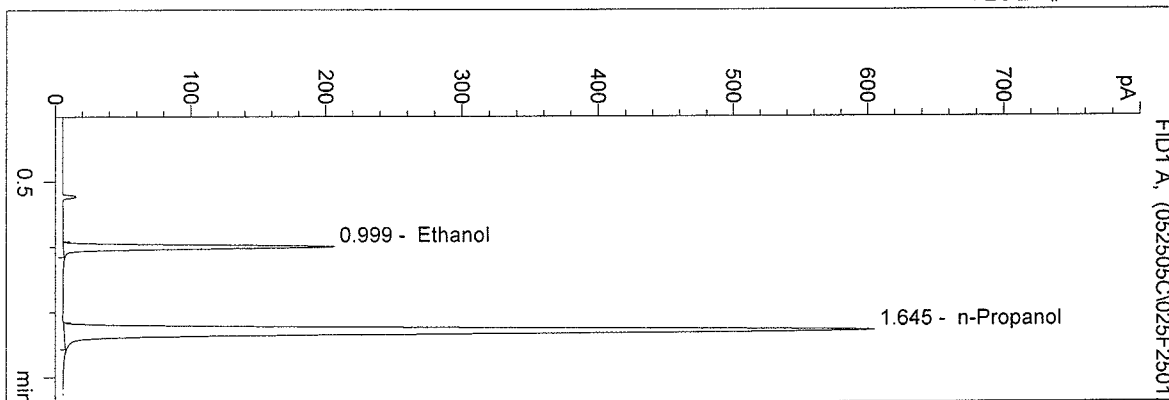


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/25/2005 2:18:39 PM
 Instrument 4
 DB-ALC1

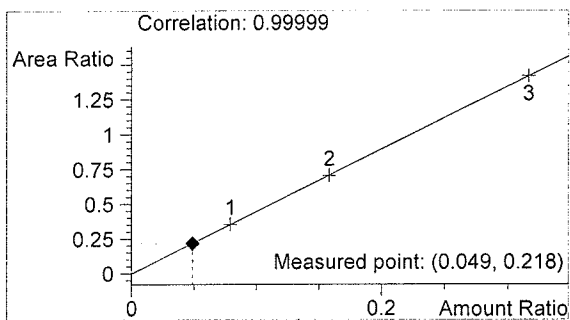
05018
 ED FORMOSO

vial # 25

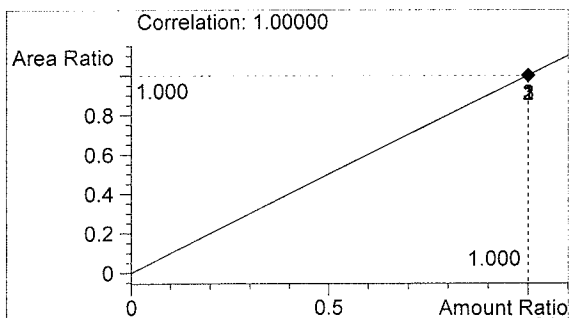


#	Compound	Area	RT
1	Ethanol	410	0.999
2	n-Propanol	1887	1.645

Totals:



Ethanol 0.049 g/100ml

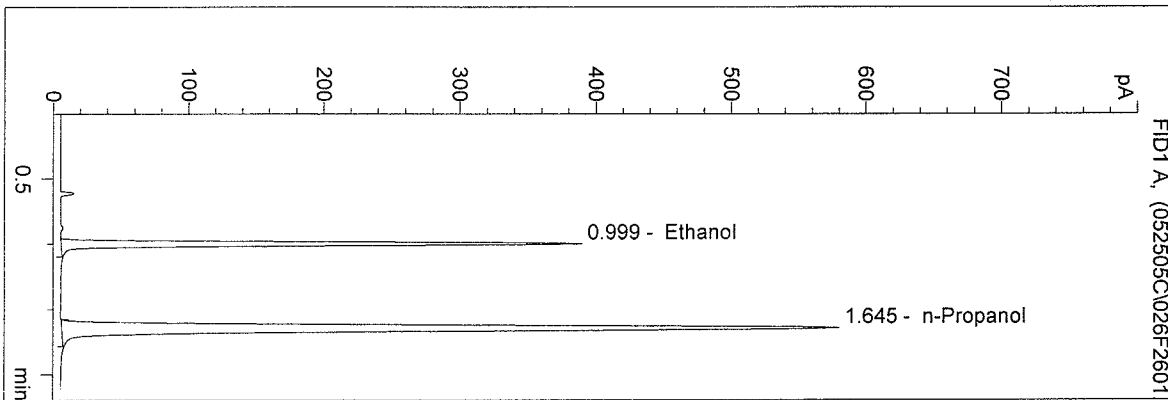


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 5/25/2005 2:21:55 PM
 Instrument 4
 DB-ALC1

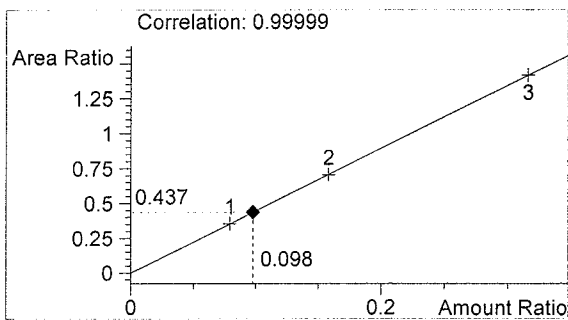
0.10 CONTROL
 ED FORMOSO

vial # 26

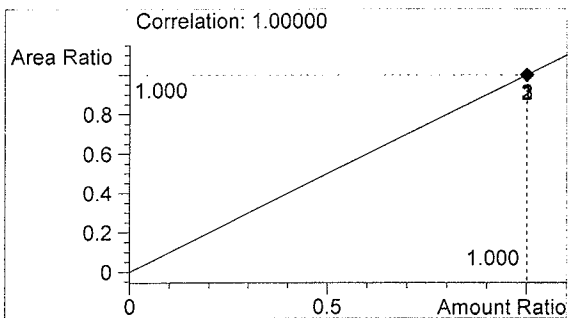


#	Compound	Area	RT
1	Ethanol	790	0.999
2	n-Propanol	1809	1.645

Totals:



Ethanol 0.098 g/100ml

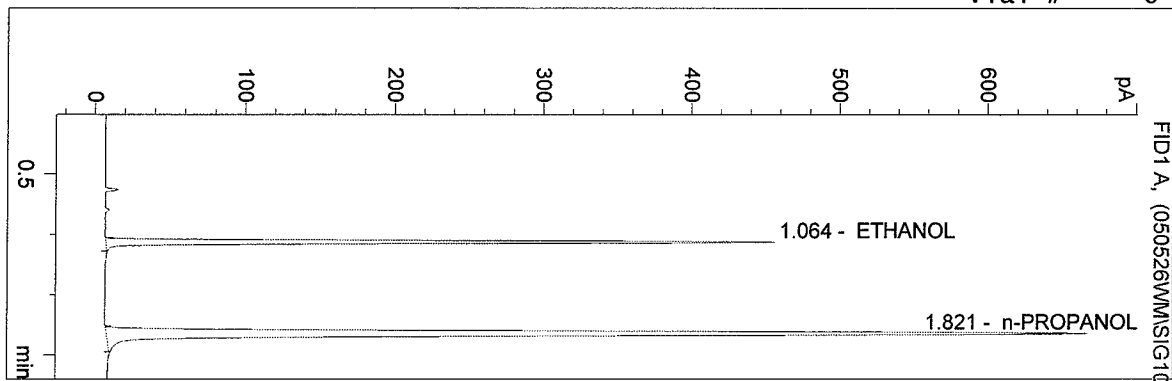


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 9:01:43 AM
 Instrument 3
 DB-ALC2

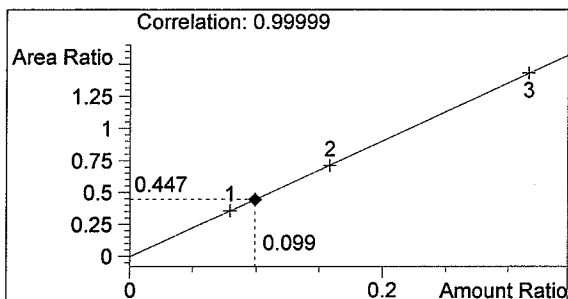
0.10 CONTROL
 WP Marshall

vial # 6

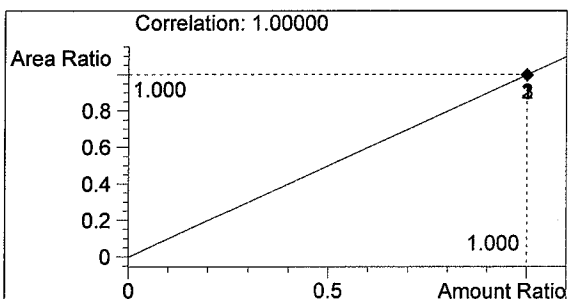


#	Compound	Area	RT
1	ETHANOL	785	1.064
2	n-PROPANOL	1755	1.821

Totals:



ETHANOL 0.099 g/100mL

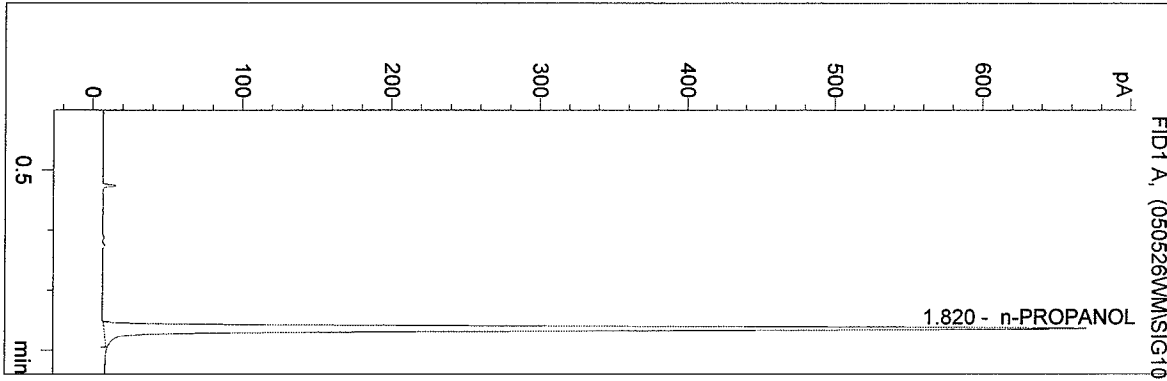


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 9:04:51 AM
 Instrument 3
 DB-ALC2

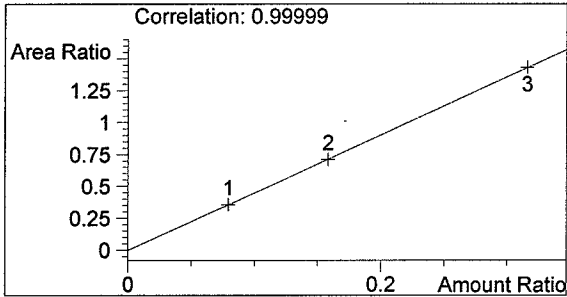
BLANK
 WP Marshall

vial # 7

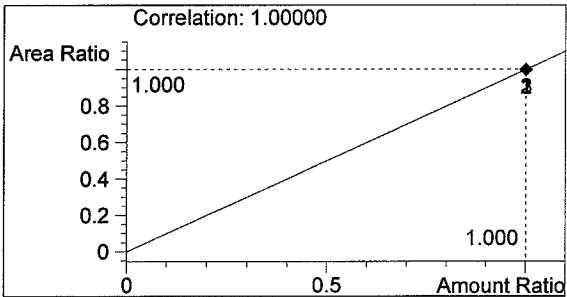


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1760	1.820

Totals:



ETHANOL 0.000 g/100mL

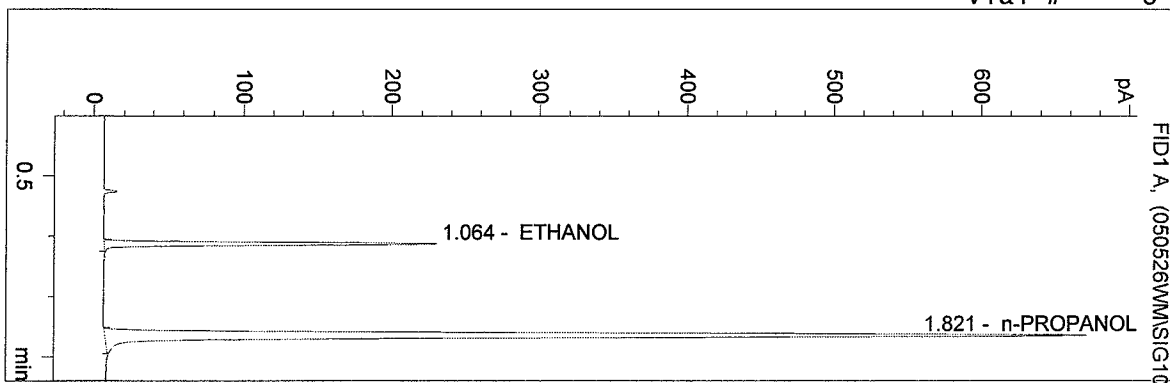


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 9:07:58 AM
 Instrument 3
 DB-ALC2

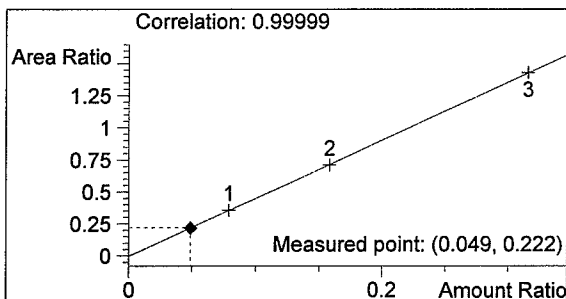
SIM 05018
 WP Marshall

vial # 8

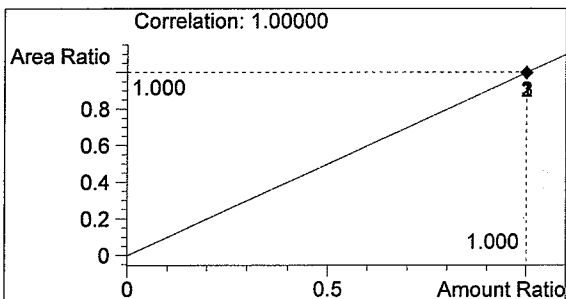


#	Compound	Area	RT
1	ETHANOL	391	1.064
2	n-PROPANOL	1765	1.821

Totals:



ETHANOL 0.049 g/100mL

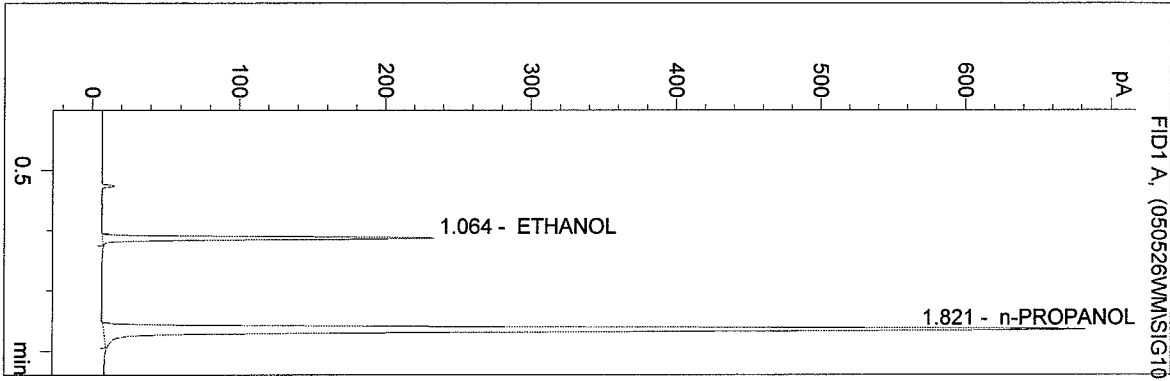


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 9:11:05 AM
 Instrument 3
 DB-ALC2

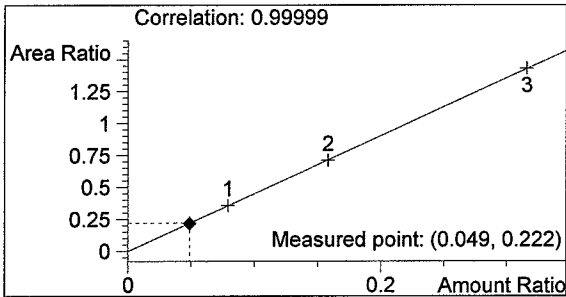
SIM 05018
 WP Marshall

vial # 9

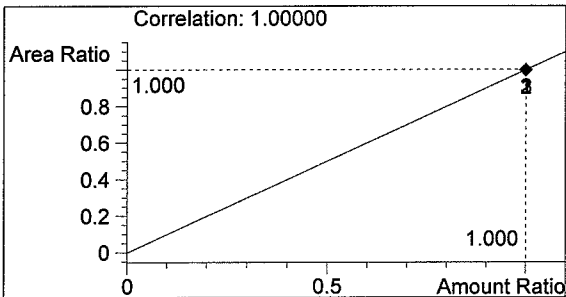


#	Compound	Area	RT
1	ETHANOL	397	1.064
2	n-PROPANOL	1792	1.821

Totals:



ETHANOL 0.049 g/100mL

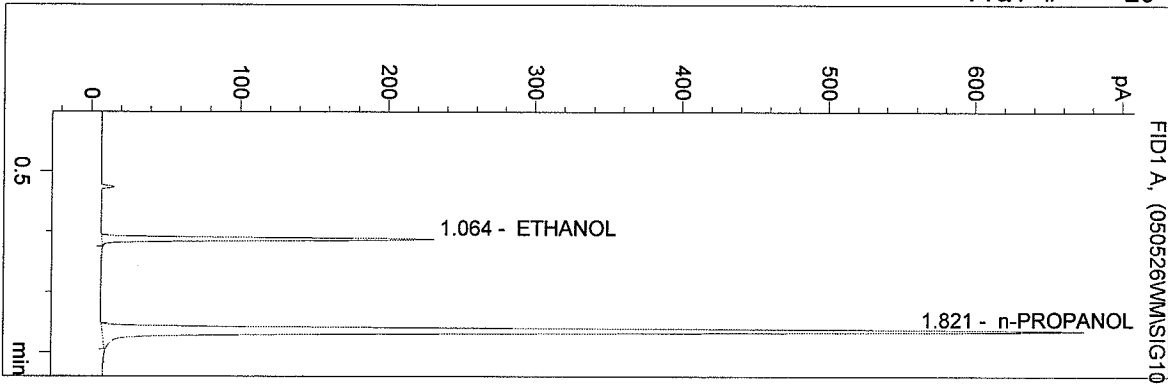


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 9:14:12 AM
 Instrument 3
 DB-ALC2

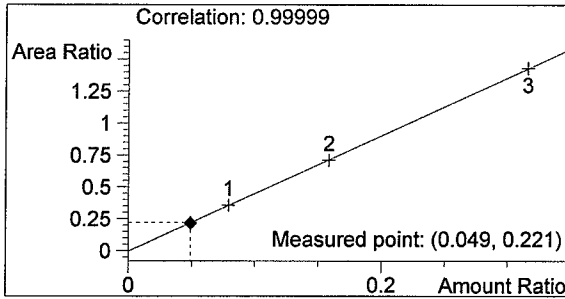
SIM 05018
 WP Marshall

vial # 10

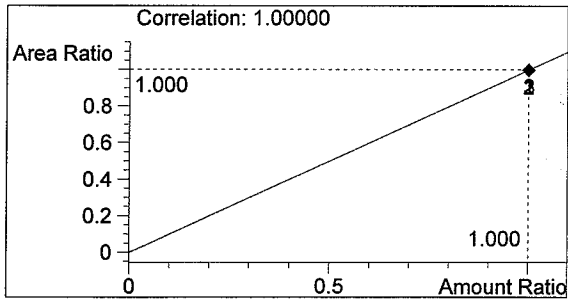


#	Compound	Area	RT
1	ETHANOL	392	1.064
2	n-PROPANOL	1772	1.821

Totals:



ETHANOL 0.049 g/100mL



n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M

5/26/05 9:17:19 AM

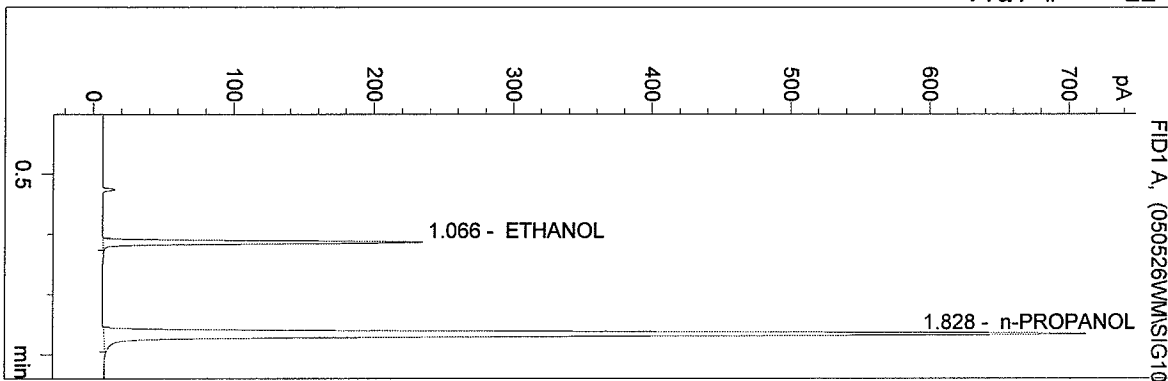
Instrument 3

DB-ALC2

SIM 05018

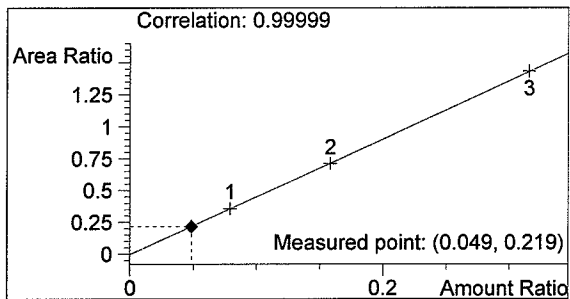
WP Marshall

vial # 11

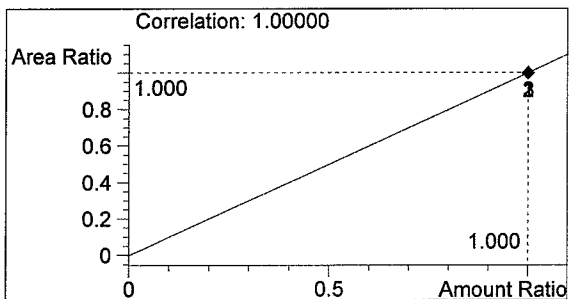


#	Compound	Area	RT
1	ETHANOL	411	1.066
2	n-PROPANOL	1877	1.828

Totals:



ETHANOL 0.049 g/100mL



n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M

5/26/05 9:20:26 AM

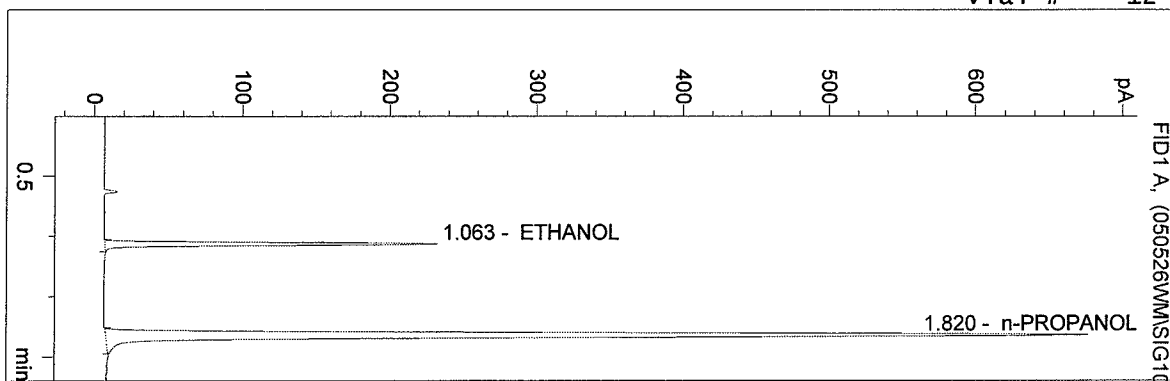
Instrument 3

DB-ALC2

SIM 05018

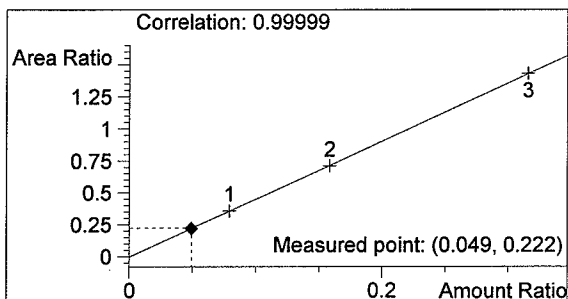
WP Marshall

vial # 12

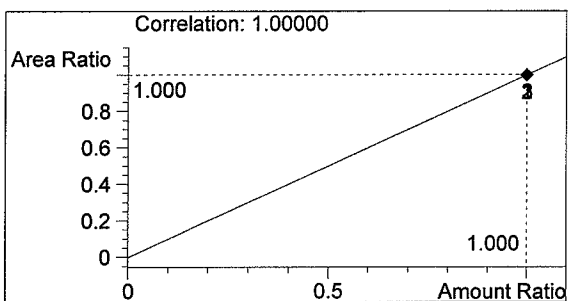


#	Compound	Area	RT
1	ETHANOL	395	1.063
2	n-PROPANOL	1777	1.820

Totals:



ETHANOL 0.049 g/100mL



n-PROPANOL 1.000 g/100mL

Sequence Parameters:

Operator: WP Marshall

Data File Naming: Prefix/Counter

Signal 1 Prefix: SIG1

Counter: 0001

Signal 2 Prefix: SIG2

Counter: 0001

Data Directory: C:\HPCHEM\1\DATA\

Data Subdirectory: 050526WM

Part of Methods to run: According to Runtime Checklist

Barcode Reader: not used

Shutdown Cmd/Macro: none

Sequence Comment:

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	BLANK	BLDALCO3	1	Sample		
6	6	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
7	7	BLANK	BLDALCO3	1	Sample		
8	8	SIM 05018	BLDALCO3	1	Sample		
9	9	SIM 05018	BLDALCO3	1	Sample		
10	10	SIM 05018	BLDALCO3	1	Sample		
11	11	SIM 05018	BLDALCO3	1	Sample		
12	12	SIM 05018	BLDALCO3	1	Sample		
13	13	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
14	14	BLANK	BLDALCO3	1	Sample		
15	15	SIM 05019	BLDALCO3	1	Sample		
16	16	SIM 05019	BLDALCO3	1	Sample		
17	17	SIM 05019	BLDALCO3	1	Sample		
18	18	SIM 05019	BLDALCO3	1	Sample		
19	19	SIM 05019	BLDALCO3	1	Sample		
20	20	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
21	21	BLANK	BLDALCO3	1	Sample		
22	22	SIM 05020	BLDALCO3	1	Sample		
23	23	SIM 05020	BLDALCO3	1	Sample		
24	24	SIM 05020	BLDALCO3	1	Sample		
25	25	SIM 05020	BLDALCO3	1	Sample		
26	26	SIM 05020	BLDALCO3	1	Sample		
27	27	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
28	28	BLANK	BLDALCO3	1	Sample		
29	29	SIM 05021	BLDALCO3	1	Sample		
30	30	SIM 05021	BLDALCO3	1	Sample		
31	31	SIM 05021	BLDALCO3	1	Sample		
32	32	SIM 05021	BLDALCO3	1	Sample		
33	33	SIM 05021	BLDALCO3	1	Sample		

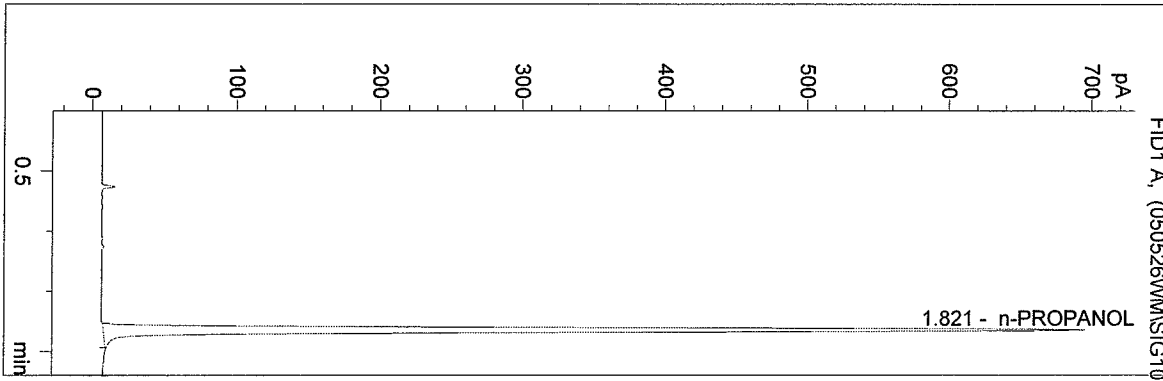
Sequence Table (Back Injector):

No entries - empty table!

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 8:46:08 AM
 Instrument 3
 DB-ALC2

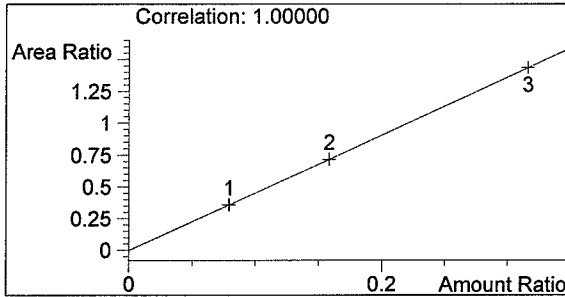
BLANK
 WP Marshall

vial # 1

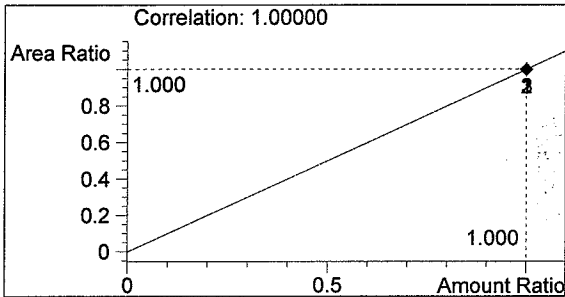


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1822	1.821

Totals:



ETHANOL 0.000 g/100mL

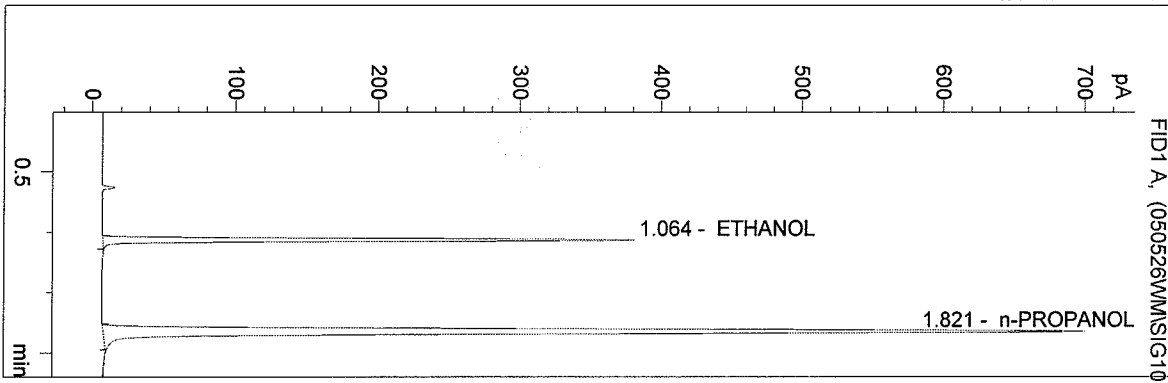


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 8:49:15 AM
 Instrument 3
 DB-ALC2

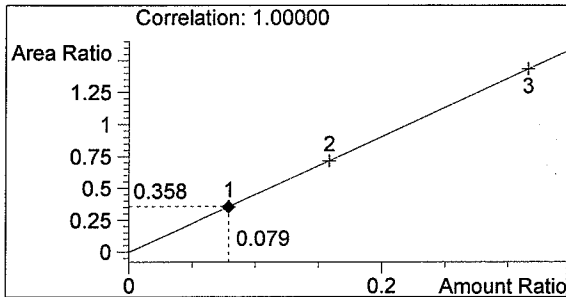
0.079 CAL
 WP Marshall

vial # 2

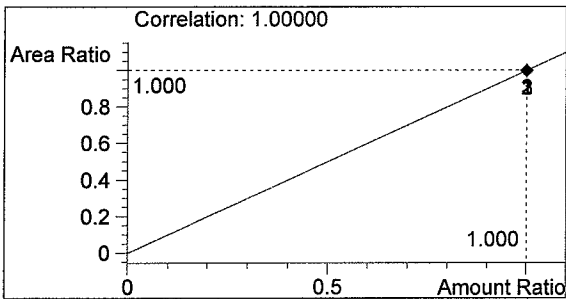


#	Compound	Area	RT
1	ETHANOL	658	1.064
2	n-PROPANOL	1838	1.821

Totals:



ETHANOL 0.079 g/100mL

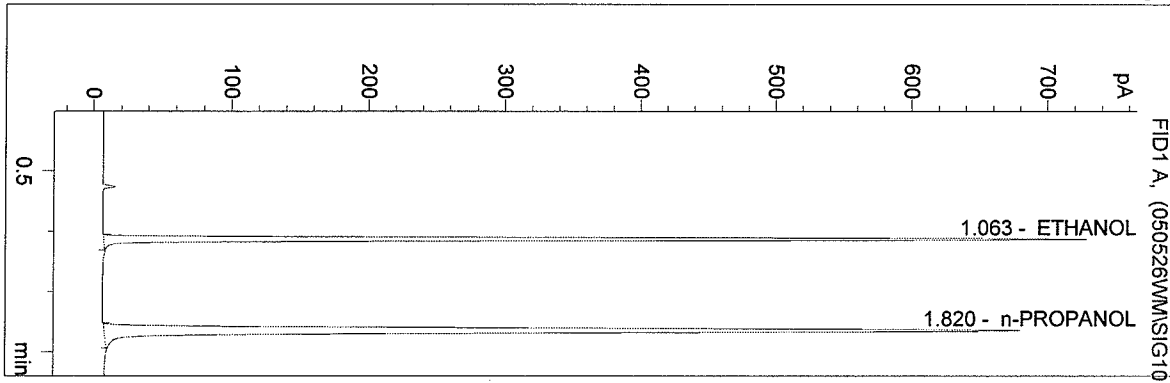


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 8:52:22 AM
 Instrument 3
 DB-ALC2

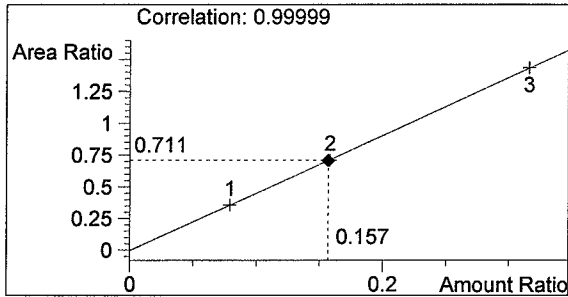
0.158 CAL
 WP Marshall

vial # 3

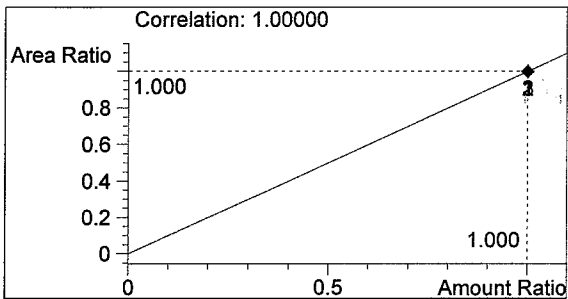


#	Compound	Area	RT
1	ETHANOL	1268	1.063
2	n-PROPANOL	1784	1.820

Totals:



ETHANOL 0.157 g/100mL

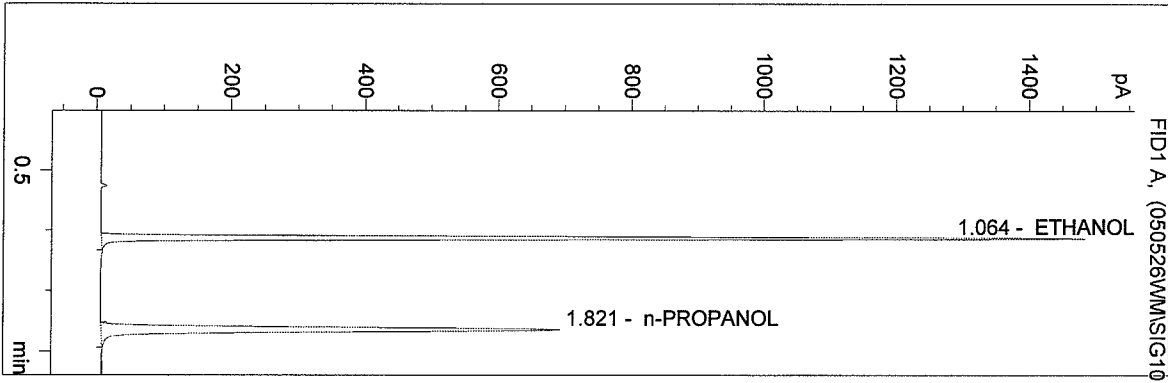


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 8:55:29 AM
 Instrument 3
 DB-ALC2

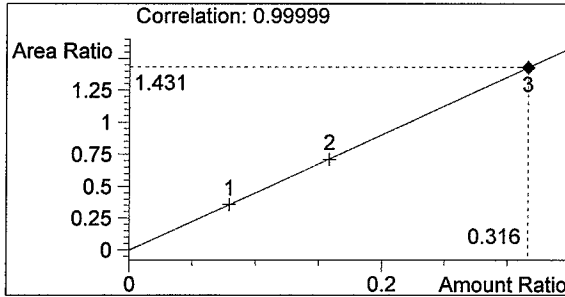
0.316 CAL
 WP Marshall

vial # 4

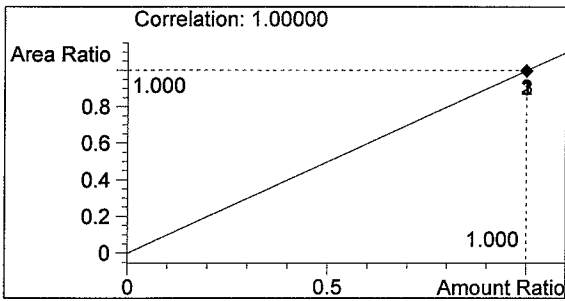


#	Compound	Area	RT
1	ETHANOL	2619	1.064
2	n-PROPANOL	1830	1.821

Totals:



ETHANOL 0.316 g/100mL

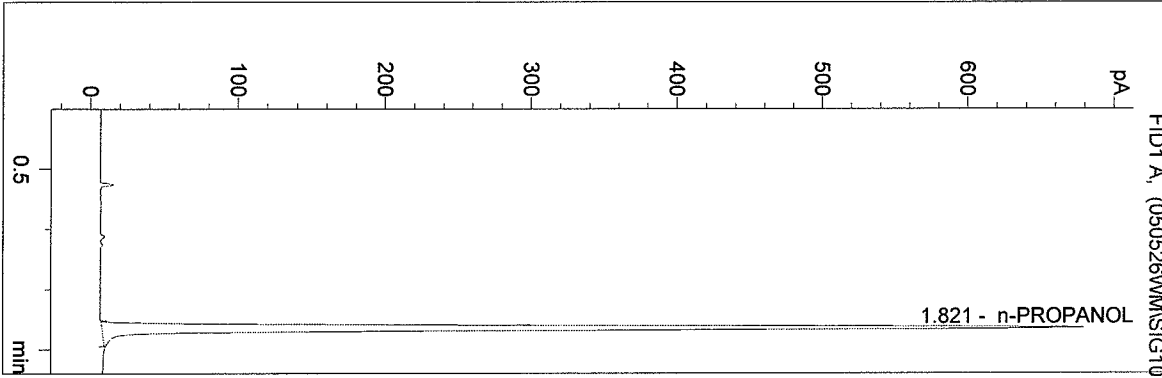


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
 5/26/05 8:58:37 AM
 Instrument 3
 DB-ALC2

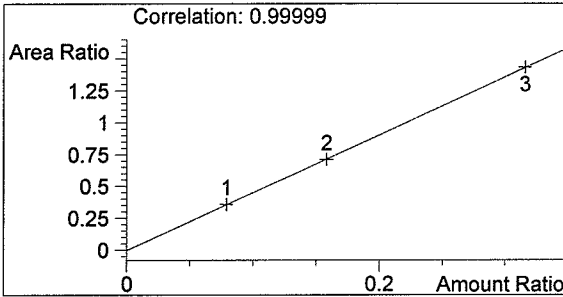
BLANK
 WP Marshall

vial # 5

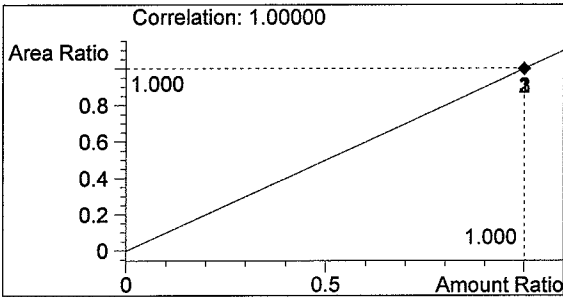


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1788	1.821

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL