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 **03034** Date: 9/17/2003

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	0.104	0.104	0.102	0.101	0.102	0.101	0.102	0.100	0.103	0.100	0.100
2	0.104	0.104	0.104	0.101	0.101	0.103	0.099	0.100	0.101	0.104	0.100	0.101
3	0.104	0.104	0.104	0.101	0.101	0.102	0.102	0.099	0.100	0.105	0.103	0.100
4	0.105	0.104	0.104	0.101	0.101	0.102	0.101	0.100	0.100	0.104	0.100	0.101
5	0.104	0.104	0.104	0.101	0.101	0.102	0.100	0.100	0.102	0.105	0.100	0.101
Ctrl	0.102	0.102	0.102	0.098	0.099	0.100	0.098	0.096	0.097	0.101	0.098	0.099

External Control:

Lot #: A024546 Exp date: 9/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1019 g/100 mL

SD: 0.00174

Range (3xSD): 0.0967 to 0.1071

Precision CV (%): 1.7033 %

Equivalent vapor concent.: 0.0829 g/210L

Analyst	Name	Signature	Date
1	Asa Louis		09/17/03
2	Mary E Wilson		09/17/03
3	Estuardo J. Miranda		09/17/03
4	Edward Formoso		09/17/03
5	Ann Marie Gordon		09/17/03
6	William P Marshall		09/18/03
7	Naziha Nuwayhid, PhD		09/19/03
8	Melissa Pemberton		09/26/03
9	Jayne E. Thatcher		09/29/03
10	Brian Capron		10/10/03
11	Kari D. Gruendell		10/10/03
12	Dorota B Schranz, PhD		10/13/03

Prepared by: Asa Louis according to the approved protocol

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/bf
MPSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Asa J. Louis
Forensic Toxicologist

AJL/bf
AJLSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Mary E. Wilson
Forensic Toxicologist

MEW/bf
MEWSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

E Miranda

Estuardo J. Miranda
Forensic Toxicologist

EM/bf
EMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/bf
EFSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/bf
AGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

William P. Marshall
Forensic Toxicologist

WM/bf
WMSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/bf
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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Jayne E. Thatcher
Forensic Toxicologist

JET/bf
JTSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Brian Capron, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and eight years of experience in forensic toxicology.

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Brian Capron

Brian Capron
Forensic Toxicologist

BC/bf
BCSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Kari D. Gruendell, do certify under penalty of perjury that:

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

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

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

Kari D. Gruendell
Kari D. Gruendell
Forensic Toxicologist

KDG/bf
KDGSIMSOL

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

I, Dorota Schranz, 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: Ph.D. degree in Medical Sciences, M.S. degree in Medical Technology, and nine years analytical laboratory experience.

The simulator solution, Lot Number 03034, was prepared in the Washington State Toxicology Laboratory on 9/17/03. 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 9/17/04.

Dated: 12/3/03
Seattle, WA

D. Schranz

Dorota Schranz, Ph.D.
Forensic Toxicology Technical Lead

DS/bf
DSSIMSOL

Calibration Table

Calib. Data Modified : Monday, September 29, 2003 9:50:41 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

Signal 1: FID1 A,

RetTime [min]	Lvl	Sig		Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.037	1		1	7.90000e-2	1319.65308	5.98642e-5	1		Ethanol
			2	1.58000e-1	2730.15405	5.78722e-5			
			3	3.16000e-1	5184.48193	6.09511e-5			
1.687	1		1	1.00000	3844.06812	2.60141e-4	I1		n-Propanol
			2	1.00000	3894.92432	2.56744e-4			
			3	1.00000	3842.79687	2.60227e-4			

Peak Sum Table

No Entries in table

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Calibration Curves

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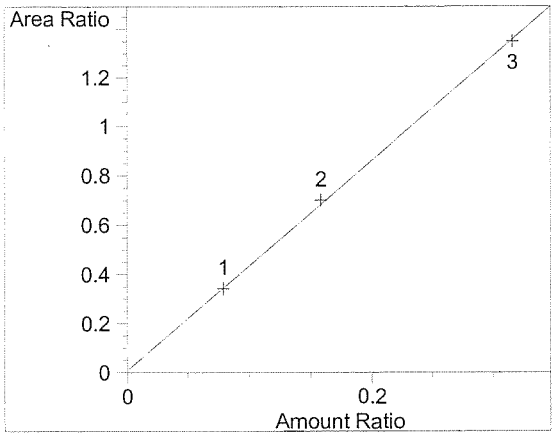
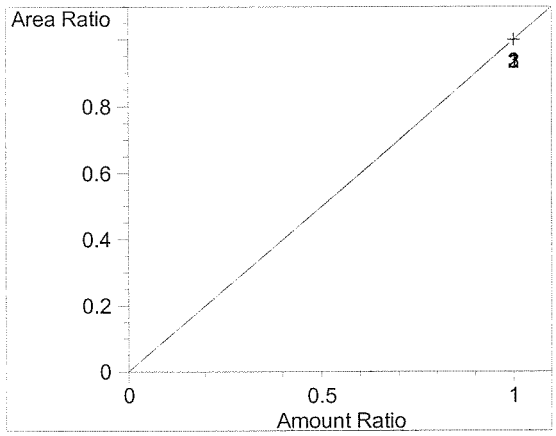


Ethanol at exp. RT: 1.037
FID1 A,
Correlation: 0.99976
Residual Std. Dev.: 0.01532
Formula: y = mx + b
m: 4.27246
b: 7.68017e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.687
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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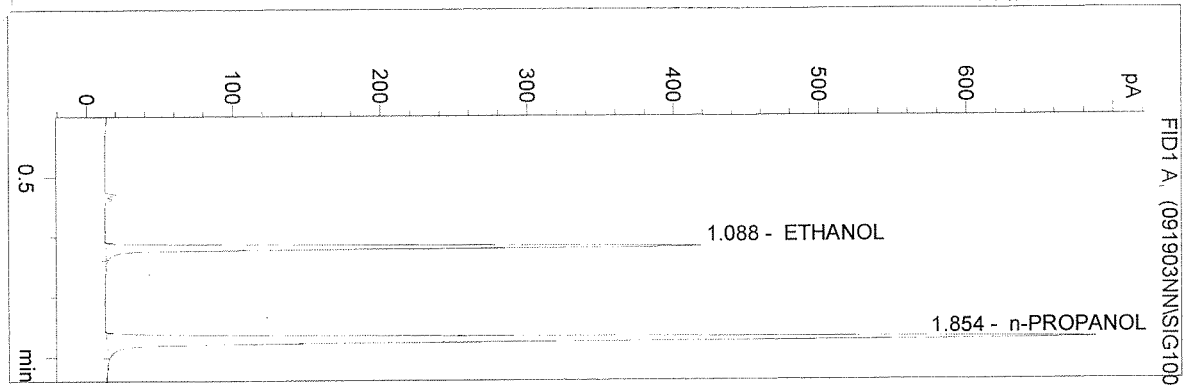
WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO3.M
'19/03 1:20:35 PM
ıstrument 3

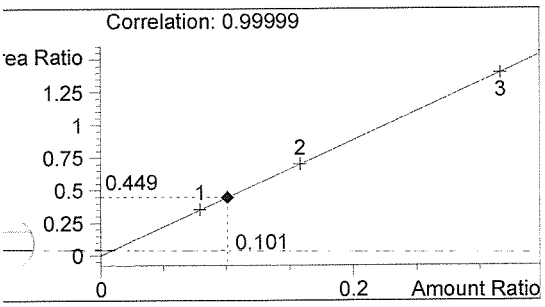
03034 sim-1
N Nuwayhid, PhD

vial # 31

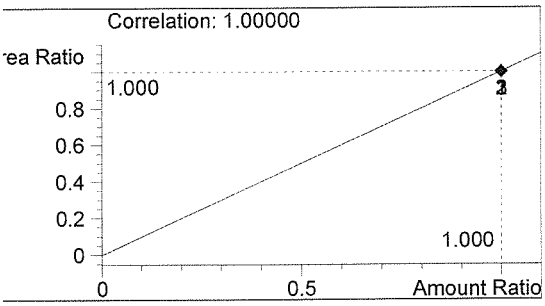


#	Compound	Area	RT
1	ETHANOL	867	1.088
2	n-PROPANOL	1931	1.854

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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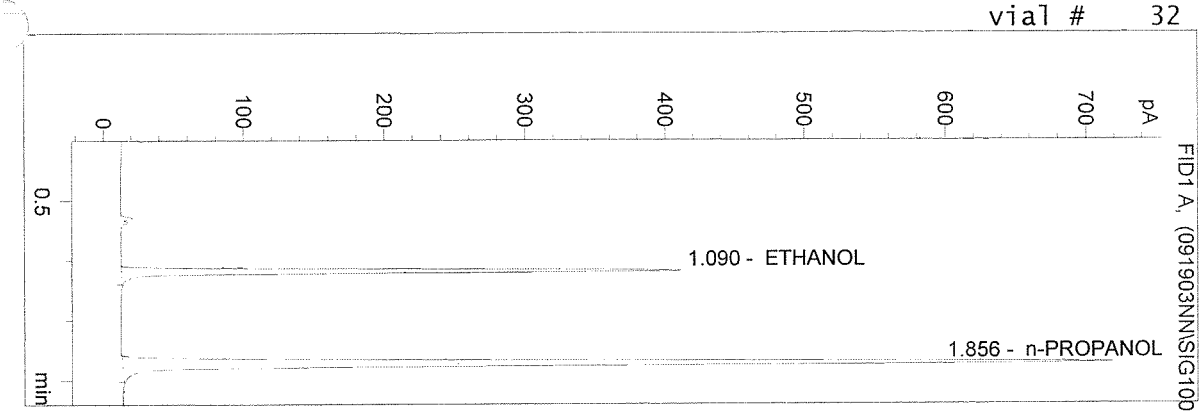
ıstrument 3

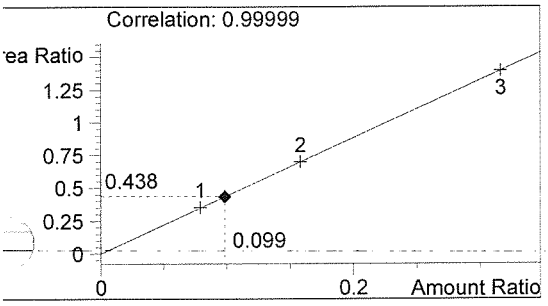
03034 sim-2
N Nuwayhid, PhD

vial # 32

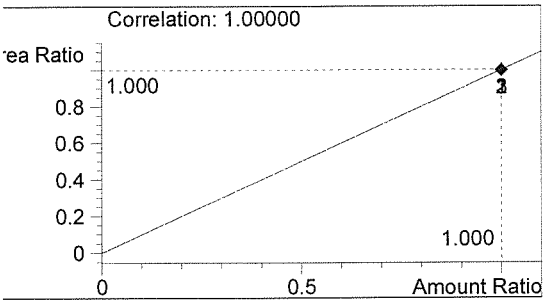


#	Compound	Area	RT
1	ETHANOL	892	1.090
2	n-PROPANOL	2037	1.856

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

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\HPCHEM\1\METHODS\BLDALCO3.M
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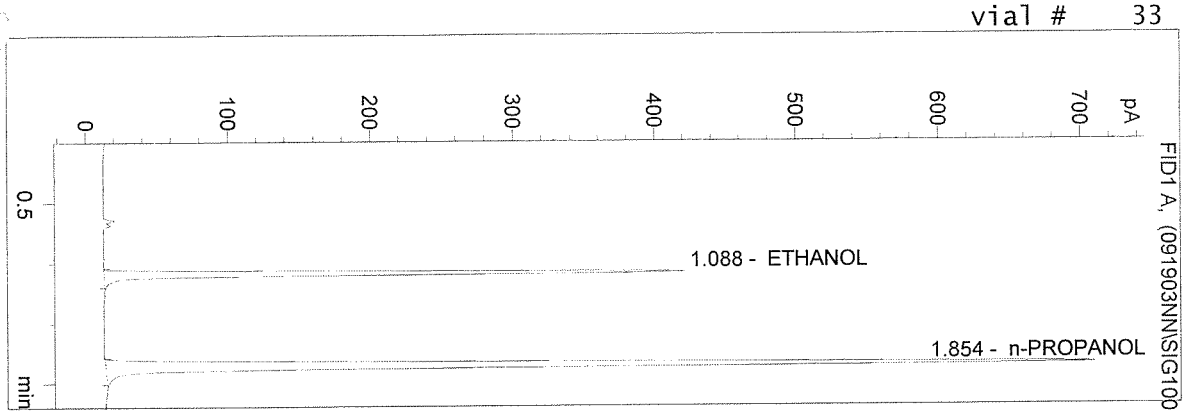
strument 3

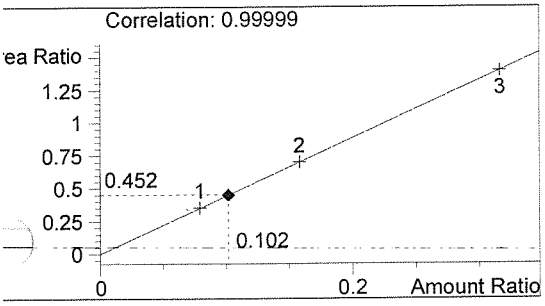
03034 sim-3
N Nuwayhid, PhD

vial # 33

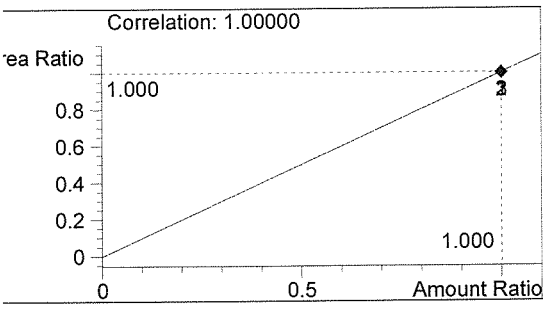


#	Compound	Area	RT
1	ETHANOL	913	1.088
2	n-PROPANOL	2023	1.854

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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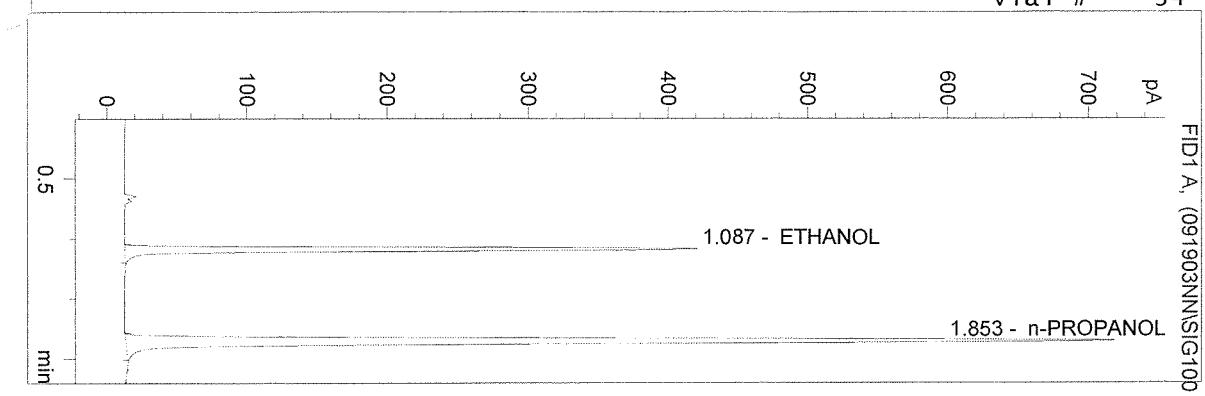
nstrument 3

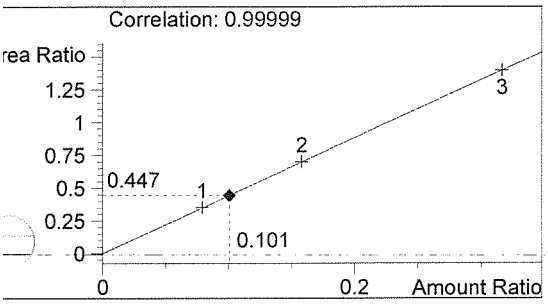
03034 sim-4
N Nuwayhid, PhD

vial # 34

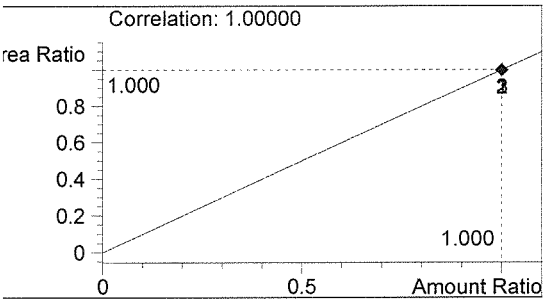


#	Compound	Area	RT
1	ETHANOL	923	1.087
2	n-PROPANOL	2062	1.853

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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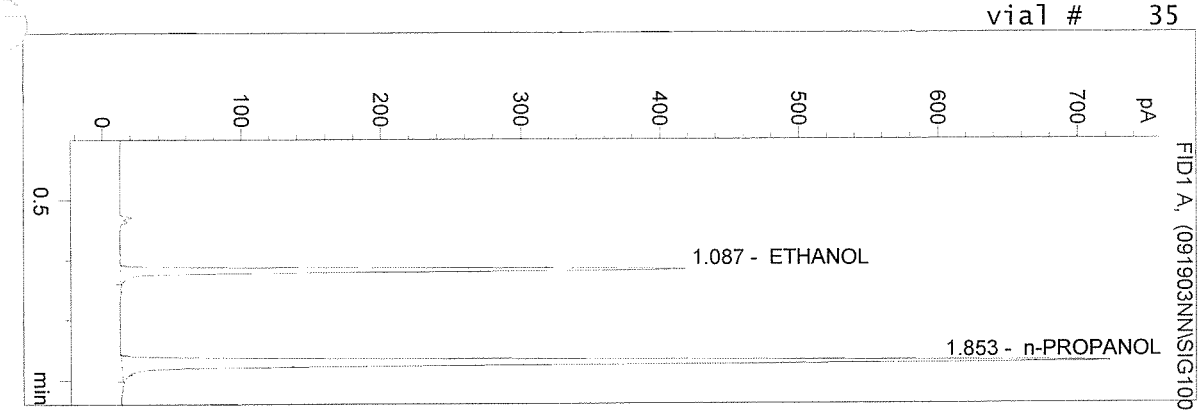
ıstrument 3

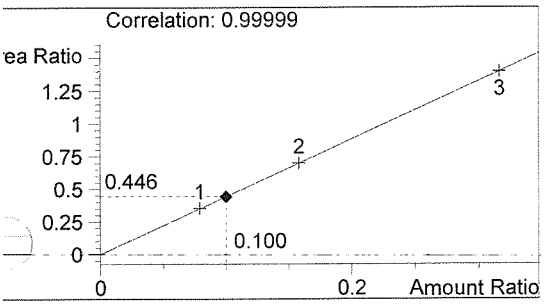
03034 sim-5
N Nuwayhid, PhD

vial # 35

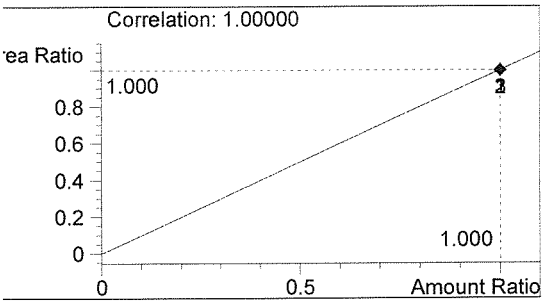


#	Compound	Area	RT
1	ETHANOL	928	1.087
2	n-PROPANOL	2082	1.853

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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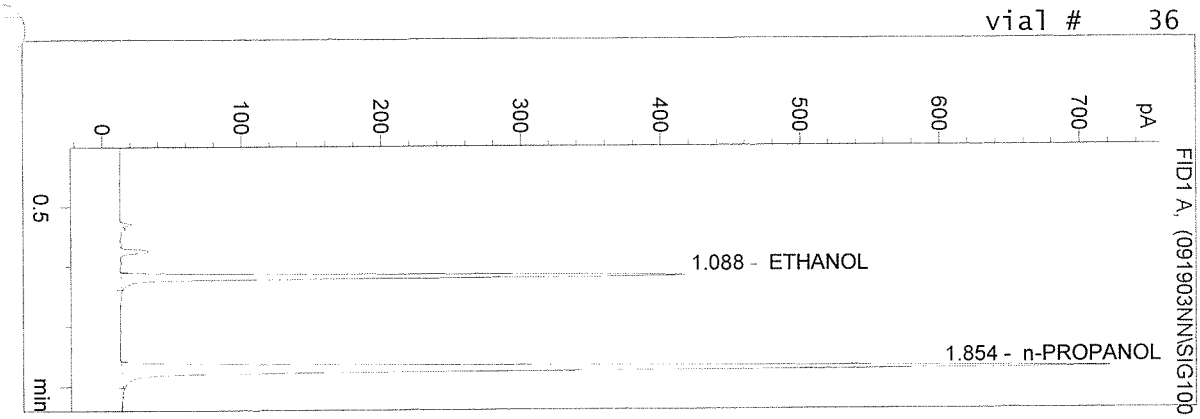
'19/03 1:36:11 PM
ıstrument 3

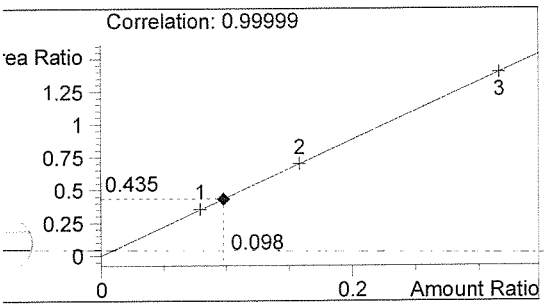
0.100 CTRL
N Nuwayhid, PhD

vial # 36

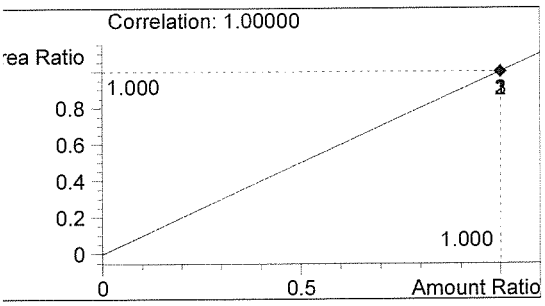


#	Compound	Area	RT
1	ETHANOL	891	1.088
2	n-PROPANOL	2049	1.854

Totals:



ETHANOL 0.098 g/100mL



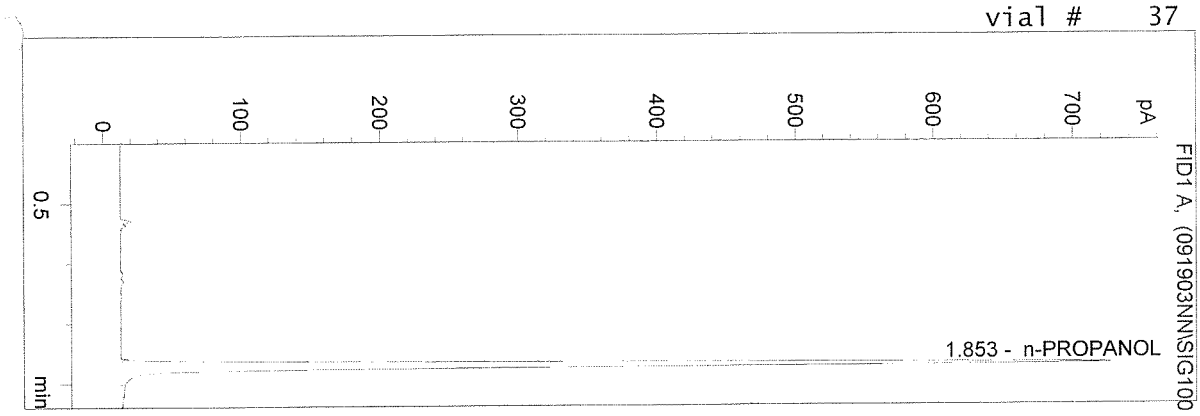
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO3.M
'19/03 1:39:32 PM
ıstrument 3

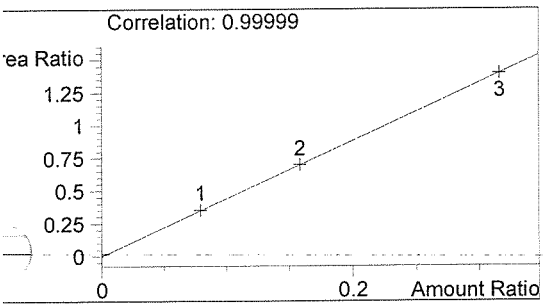
Blank
N Nuwayhid, PhD

vial # 37

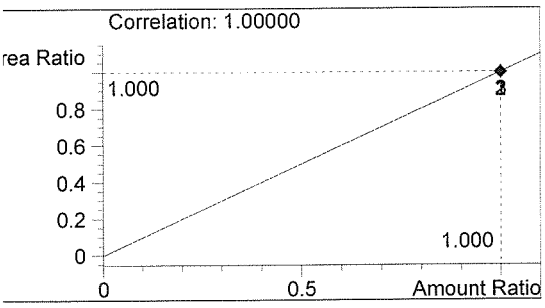


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2062	1.853

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	0.10 con	BLDALCO2	1	Ctrl Samp		
2	2	blk	BLDALCO2	1	Sample		
3	3	03034 sim sol	BLDALCO2	1	Sample		
4	4	03034 sim sol	BLDALCO2	1	Sample		
5	5	03034 sim sol	BLDALCO2	1	Sample		
6	6	03034 sim sol	BLDALCO2	1	Sample		
7	7	03034 sim sol	BLDALCO2	1	Sample		
8	8	0.10 control mw	BLDALCO2	1	Ctrl Samp		
9	9	blank mw	BLDALCO2	1	Sample		
10	10	03034 sim sol mw	BLDALCO2	1	Sample		
11	11	03034 sim sol mw	BLDALCO2	1	Sample		
12	12	03034 sim sol mw	BLDALCO2	1	Sample		
13	13	03034 sim sol mw	BLDALCO2	1	Sample		
14	14	03034 sim sol mw	BLDALCO2	1	Sample		
15	15	0.10 control em	BLDALCO2	1	Ctrl Samp		
16	16	blank em	BLDALCO2	1	Sample		
17	17	03034 sim sol em	BLDALCO2	1	Sample		
18	18	03034 sim sol em	BLDALCO2	1	Sample		
19	18	03034 sim sol em	BLDALCO2	1	Sample		
20	20	03034 sim sol em	BLDALCO2	1	Sample		
21	21	03034 sim sol em	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

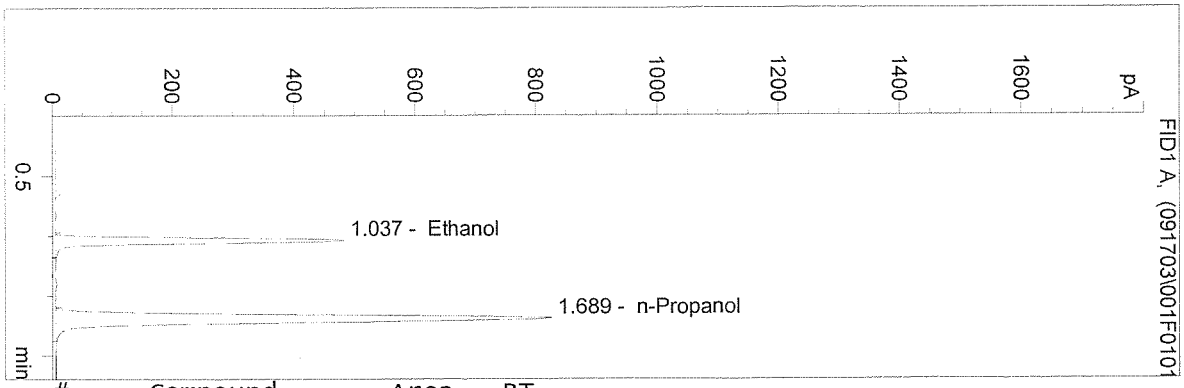
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'17/03 2:32:13 PM
ıstrument 2
ALC1

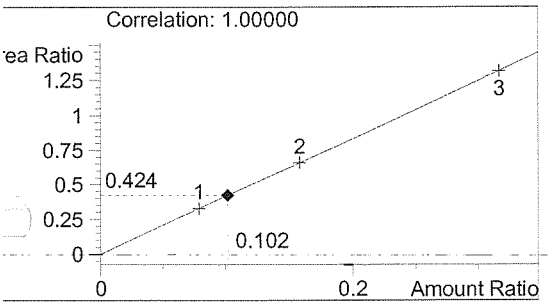
0.10 con
alouis

vial # 1

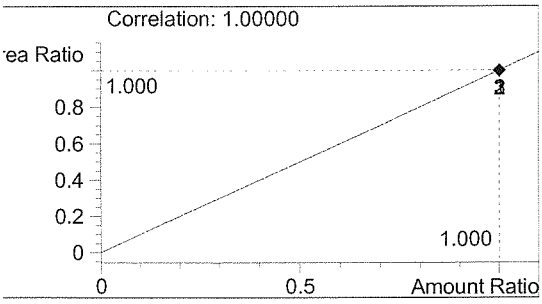


#	Compound	Area	RT
1	Ethanol	1479	1.037
2	n-Propanol	3488	1.689

Totals:



Ethanol 0.102 g/100ml



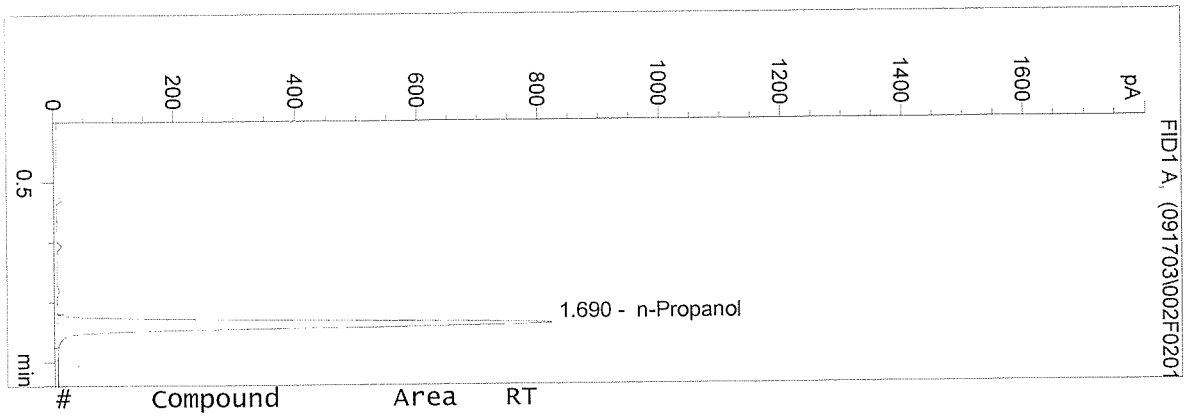
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
17/03 2:35:15 PM
strument 2
ALC1

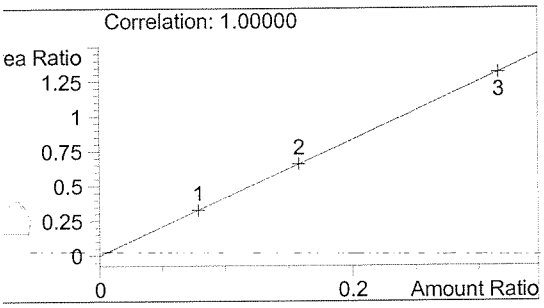
blk
alouis

vial # 2

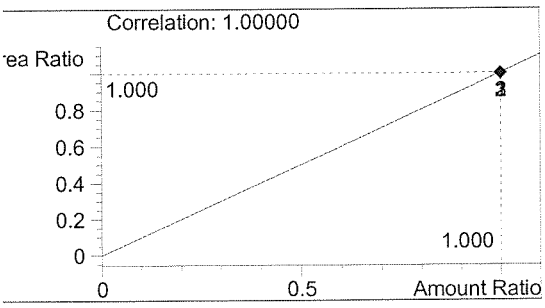


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3486	1.690

Totals:



Ethanol 0.000 g/100ml



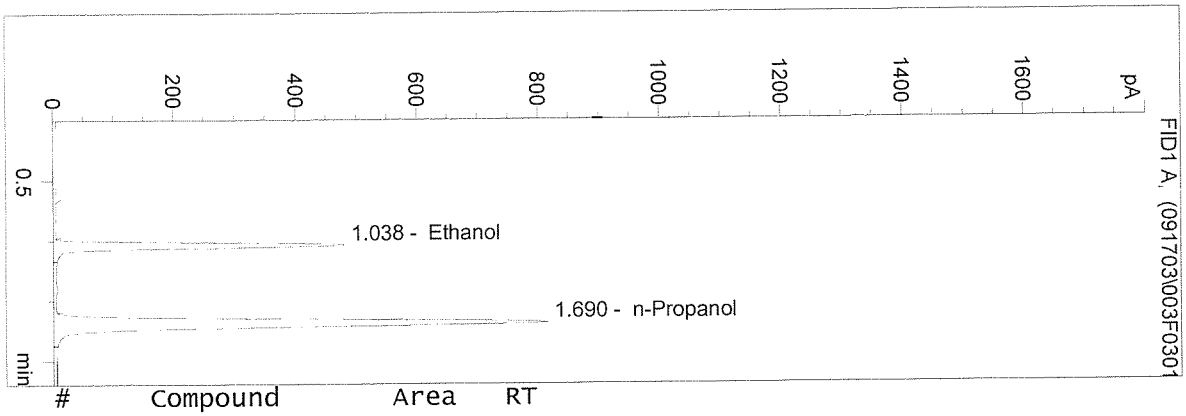
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
17/03 2:38:17 PM
strument 2
ALC1

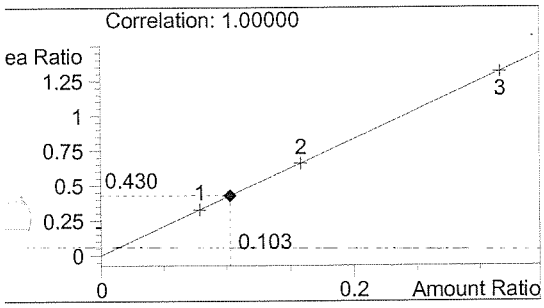
03034 sim sol
alouis

vial # 3

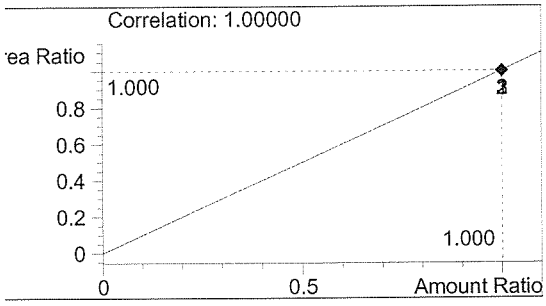


#	Compound	Area	RT
1	Ethanol	1479	1.038
2	n-Propanol	3441	1.690

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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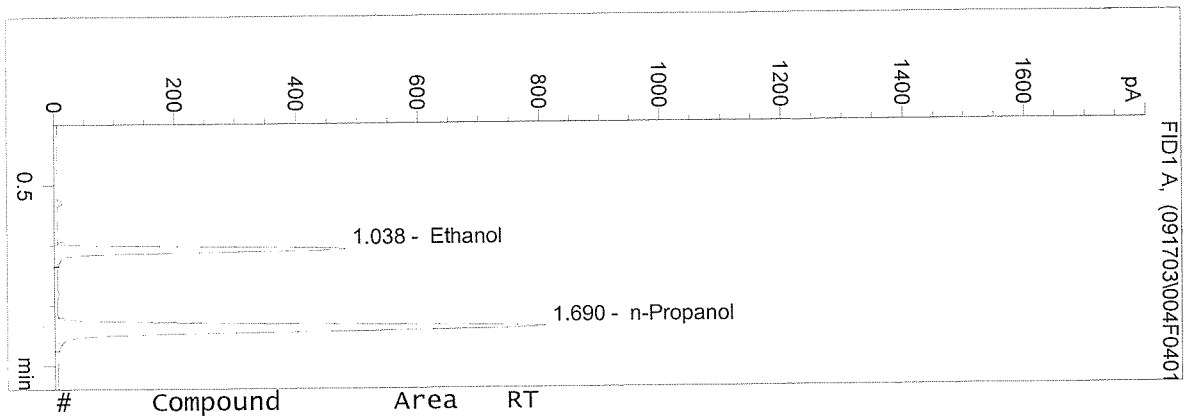
\HPCHEM\2\METHODS\BLDALCO2.M
17/03 2:41:19 PM
strument 2
ALC1

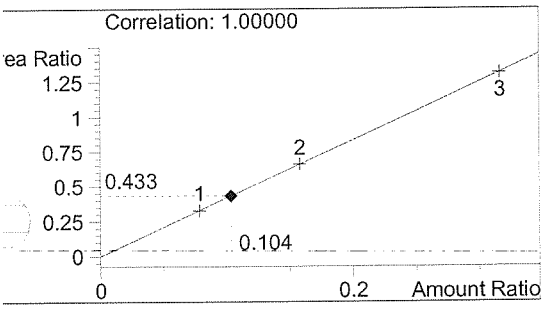
03034 sim sol
alouis

vial # 4

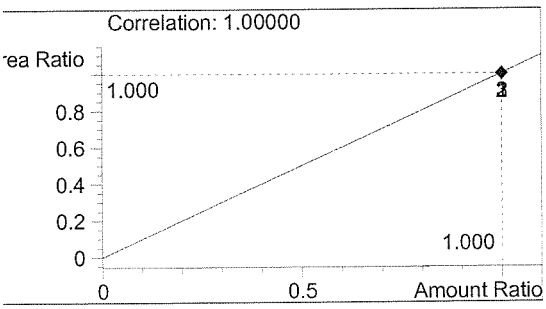


#	Compound	Area	RT
1	Ethanol	1483	1.038
2	n-Propanol	3423	1.690

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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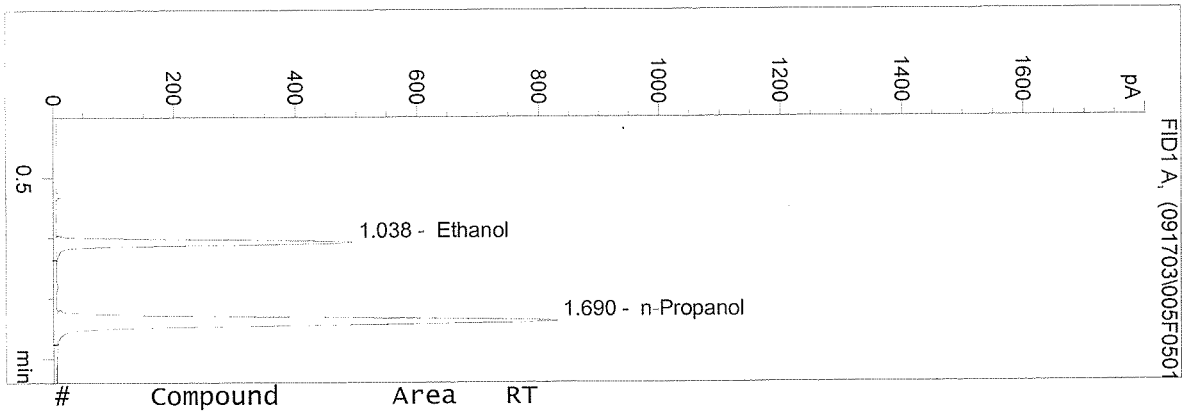
\HPCHEM\2\METHODS\BLDALCO2.M
17/03 2:44:45 PM
strument 2
ALC1

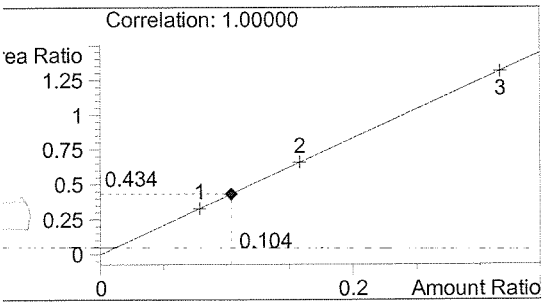
03034 sim sol
alouis

vial # 5

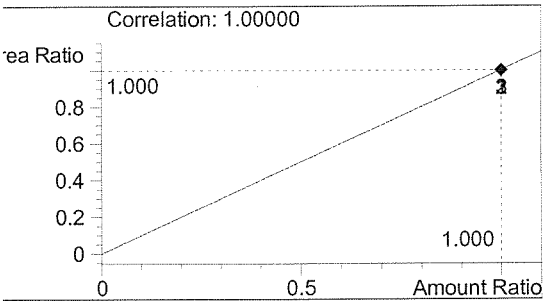


#	Compound	Area	RT
1	Ethanol	1522	1.038
2	n-Propanol	3510	1.690

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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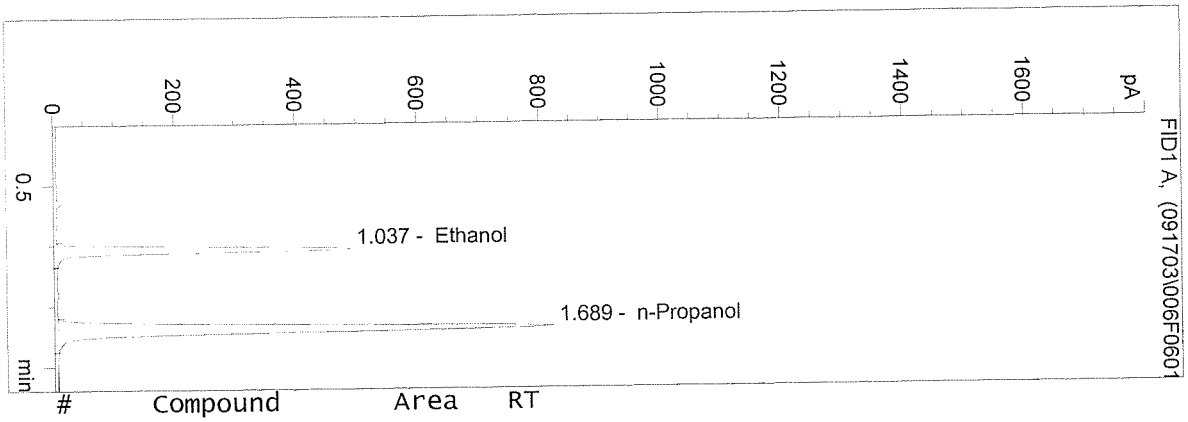
\HPCHEM\2\METHODS\BLDALCO2.M
17/03 2:47:47 PM
strument 2
ALC1

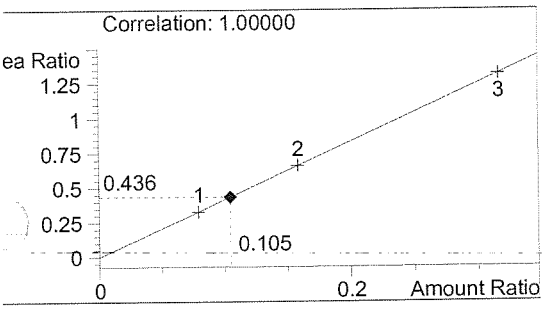
03034 sim sol
alouis

vial # 6

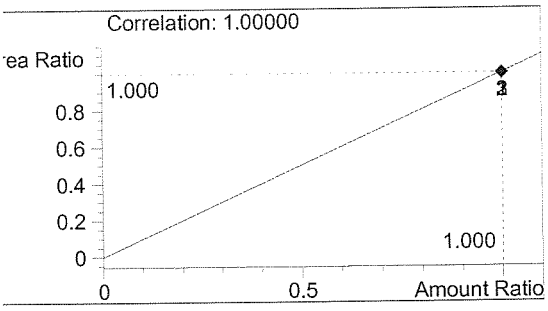


#	Compound	Area	RT
1	Ethanol	1511	1.037
2	n-Propanol	3469	1.689

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

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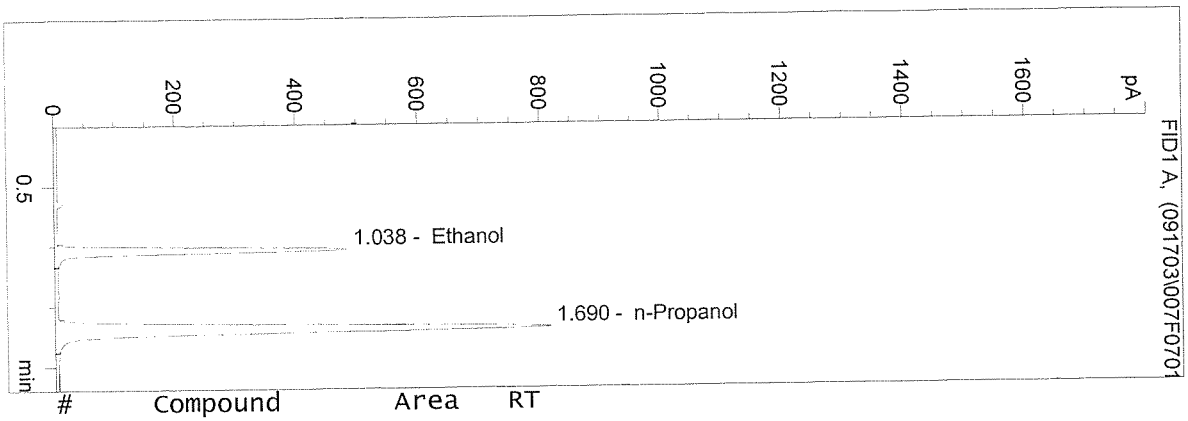
\HPCHEM\2\METHODS\BLDALCO2.M
17/03 2:50:49 PM
strument 2
ALC1

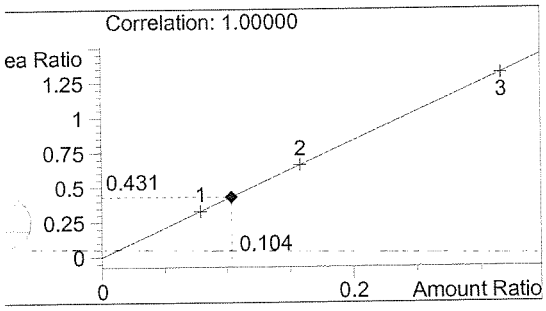
03034 sim sol
alouis

vial # 7

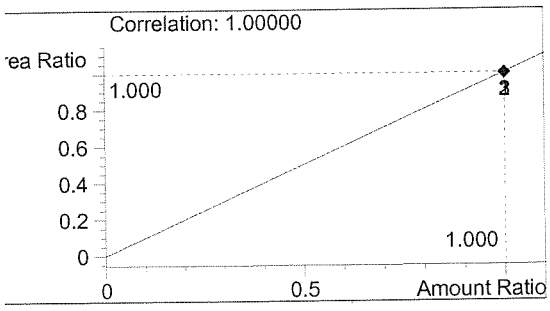


#	Compound	Area	RT
1	Ethanol	1489	1.038
2	n-Propanol	3452	1.690

Totals:



Ethanol 0.104 g/100ml



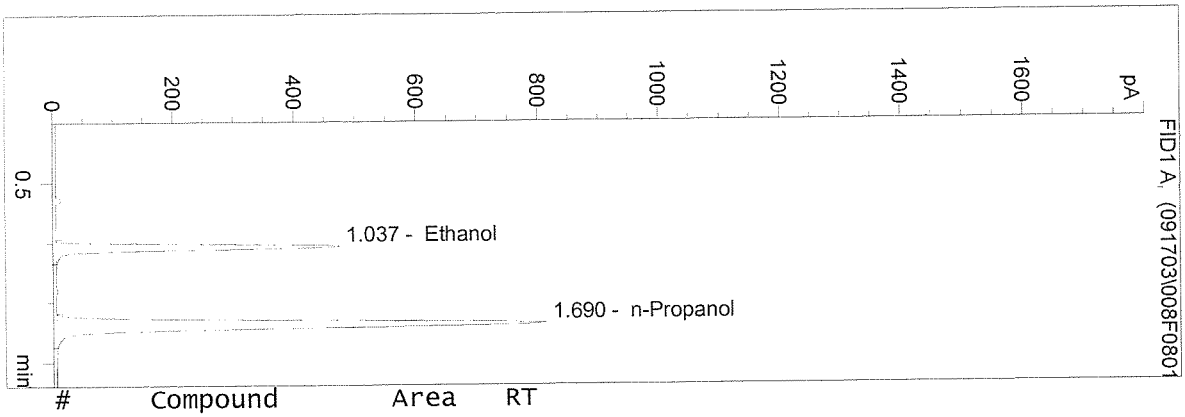
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
17/03 2:53:51 PM
strument 2
ALC1

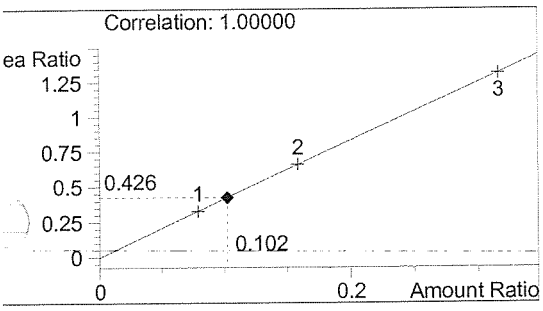
0.10 control mw
alouis

vial # 8

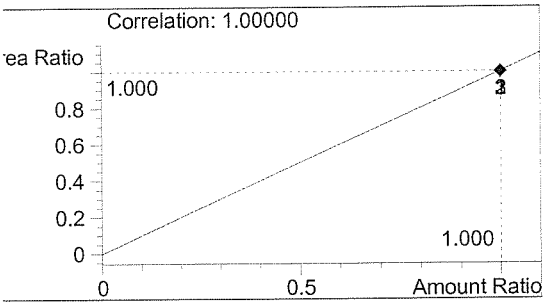


#	Compound	Area	RT
1	Ethanol	1466	1.037
2	n-Propanol	3440	1.690

Totals:



Ethanol 0.102 g/100ml



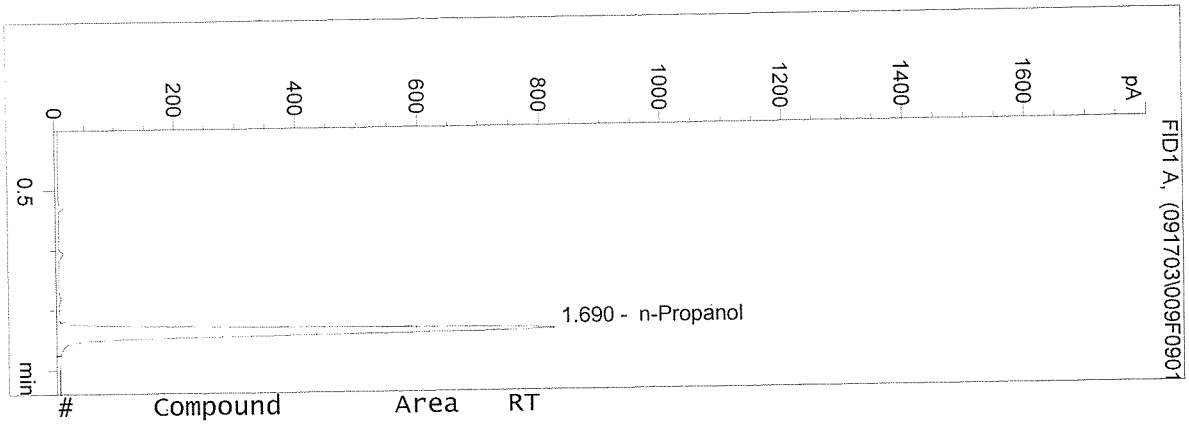
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
L7/03 2:57:05 PM
strument 2
LC1

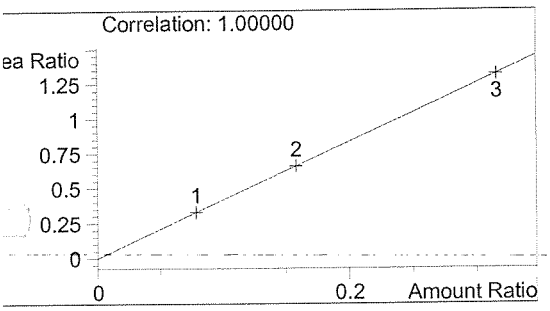
blank mw
alouis

vial # 9

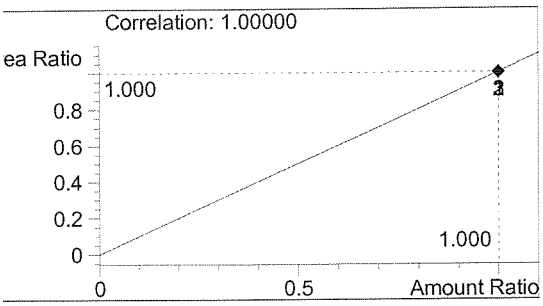


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3480	1.690

Totals:



Ethanol 0.000 g/100ml



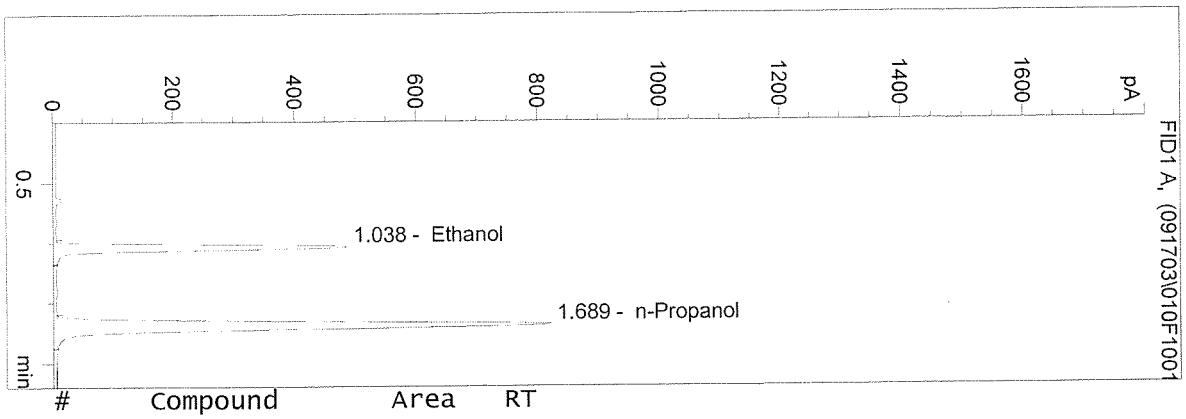
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
17/03 3:00:07 PM
strument 2
ALC1

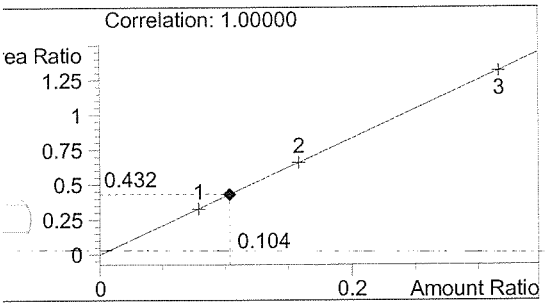
03034 sim sol mw
alouis

vial # 10

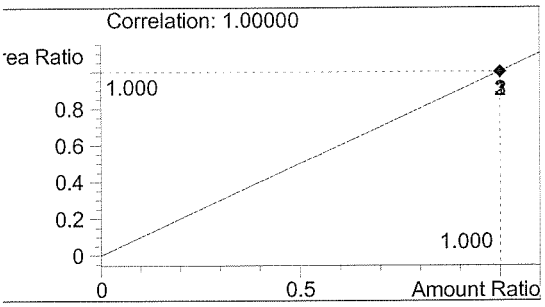


#	Compound	Area	RT
1	Ethanol	1495	1.038
2	n-Propanol	3463	1.689

Totals:



Ethanol 0.104 g/100ml



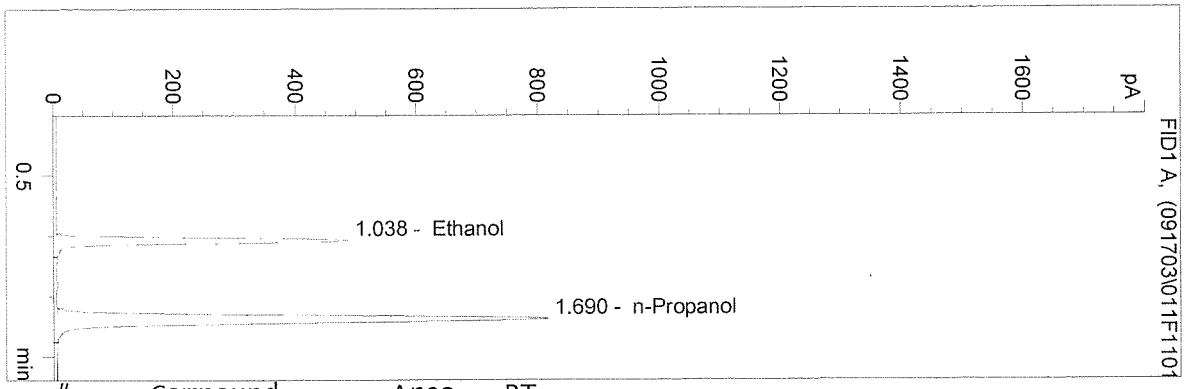
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'17/03 3:03:08 PM
strument 2
ALC1

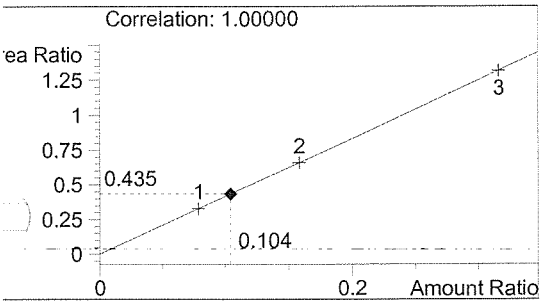
03034 sim sol mw
alouis

vial # 11

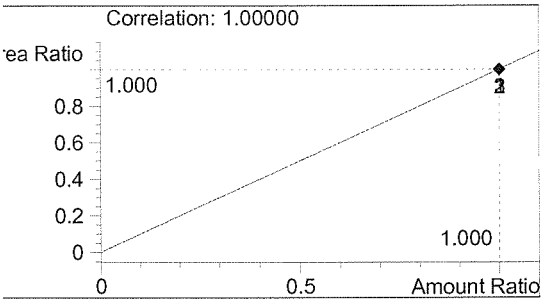


#	Compound	Area	RT
1	Ethanol	1499	1.038
2	n-Propanol	3450	1.690

Totals:



Ethanol 0.104 g/100ml



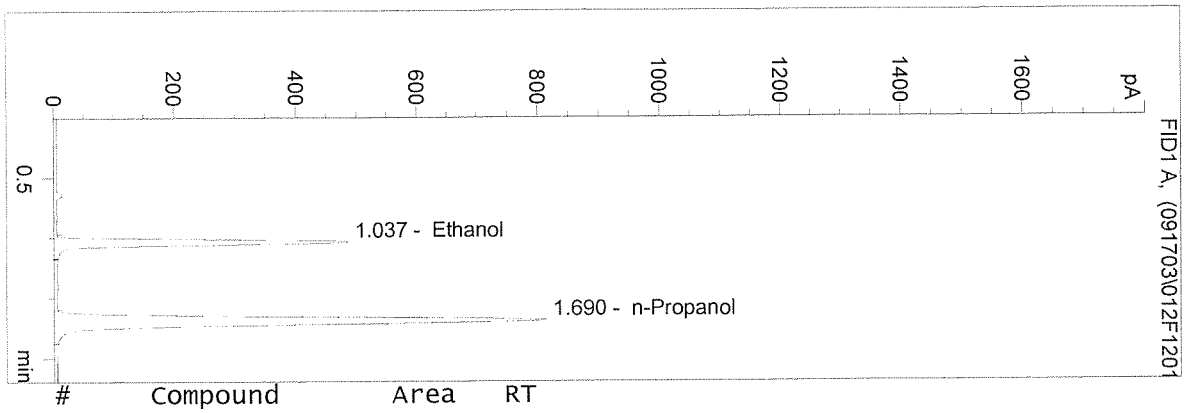
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
17/03 3:06:10 PM
strument 2
ALC1

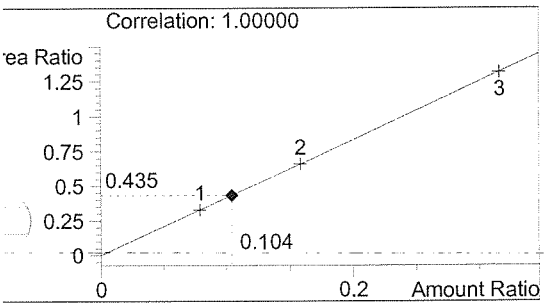
03034 sim sol mw
alouis

vial # 12

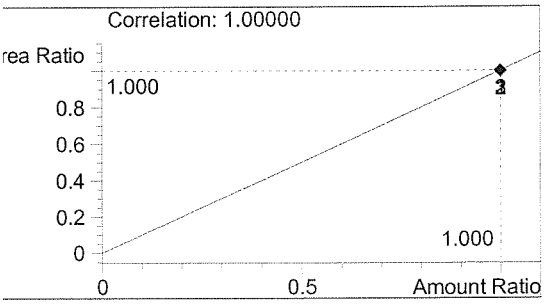


#	Compound	Area	RT
1	Ethanol	1495	1.037
2	n-Propanol	3435	1.690

Totals:



Ethanol 0.104 g/100ml



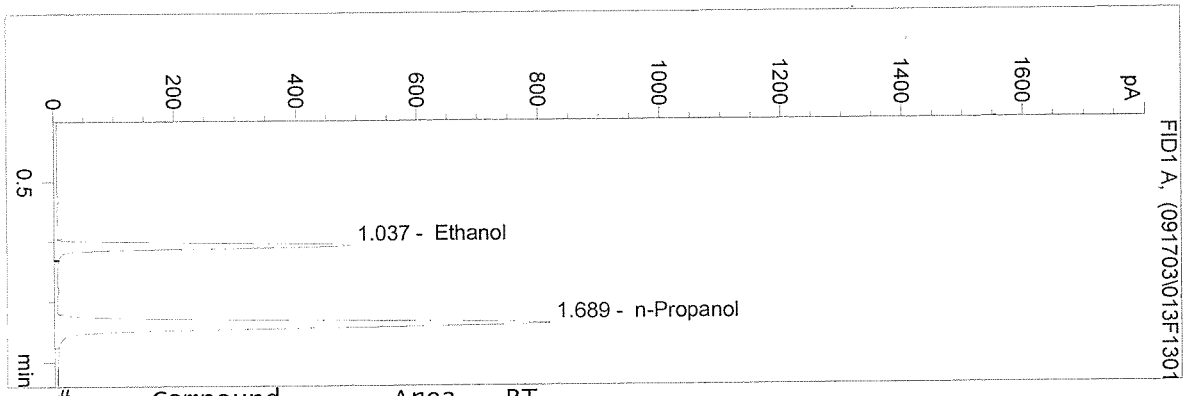
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
17/03 3:09:28 PM
strument 2
ALC1

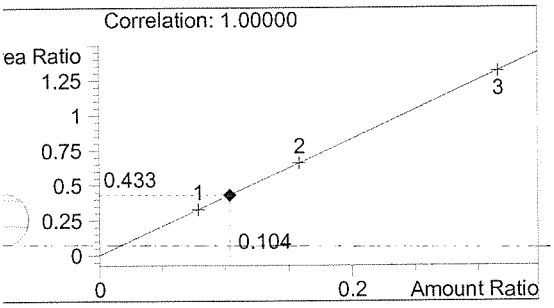
03034 sim sol mw
alouis

vial # 13

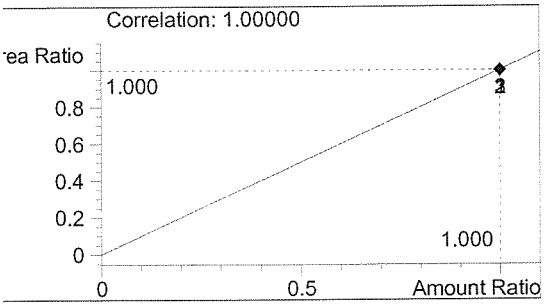


#	Compound	Area	RT
1	Ethanol	1496	1.037
2	n-Propanol	3457	1.689

Totals:



Ethanol 0.104 g/100ml



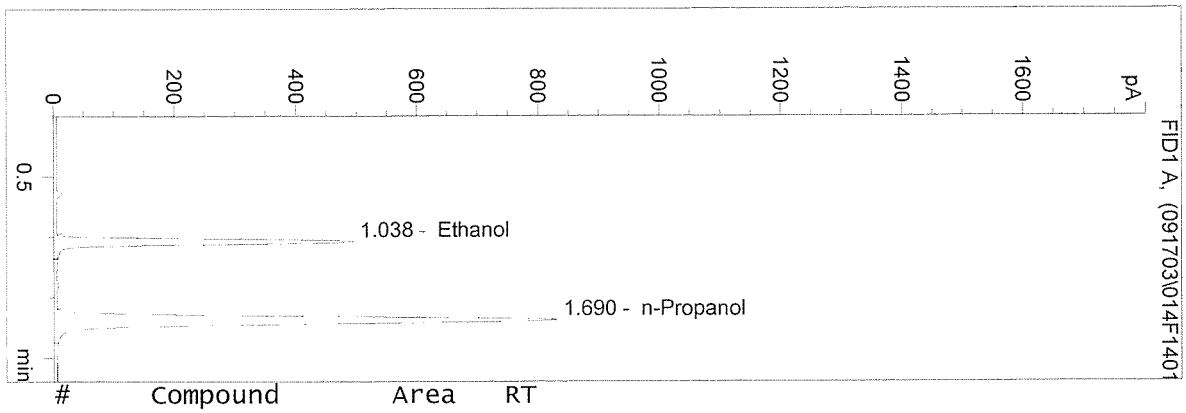
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'17/03 3:12:30 PM
ıstrument 2
ALC1

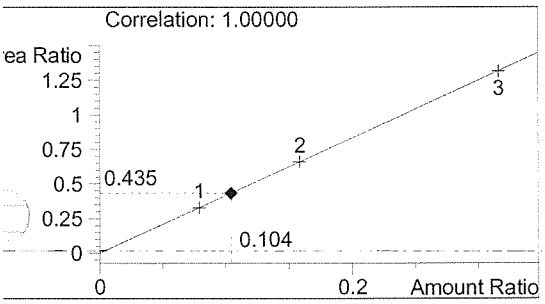
03034 sim sol mw
alouis

vial # 14

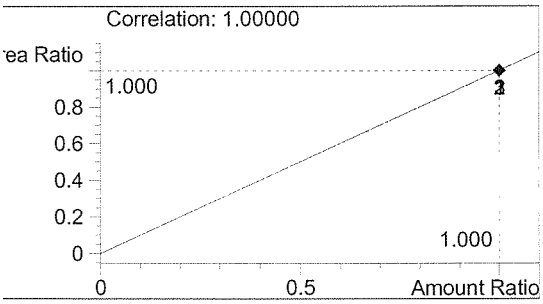


#	Compound	Area	RT
1	Ethanol	1524	1.038
2	n-Propanol	3506	1.690

Totals:



Ethanol 0.104 g/100ml



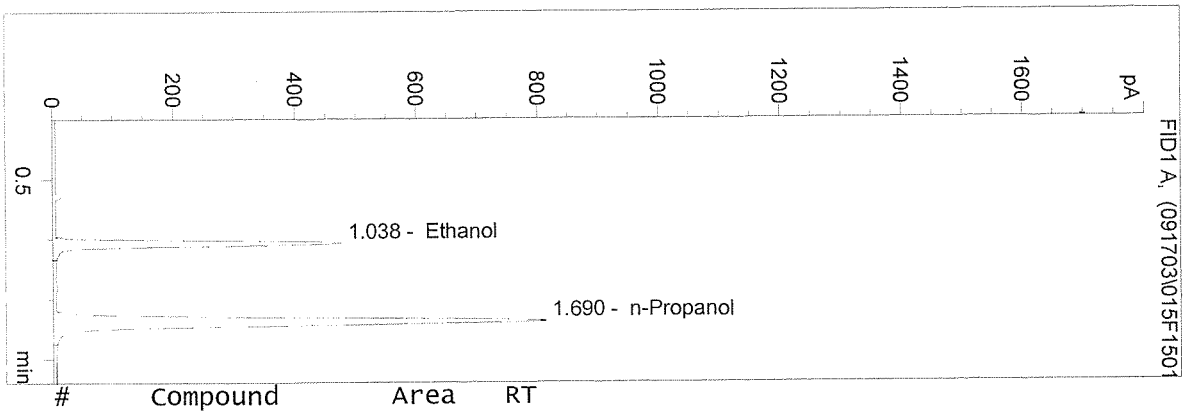
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
17/03 3:15:32 PM
strument 2
ALC1

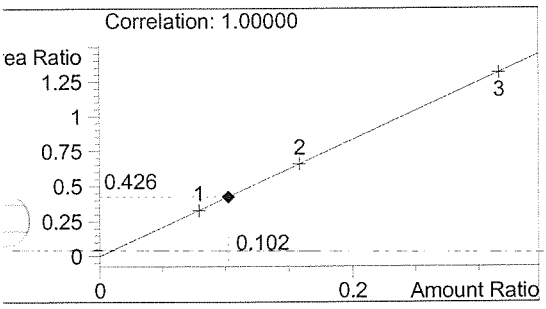
0.10 control em
alouis

vial # 15

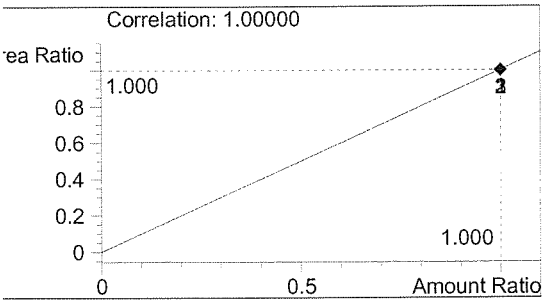


#	Compound	Area	RT
1	Ethanol	1460	1.038
2	n-Propanol	3427	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
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strument 2
ALC1

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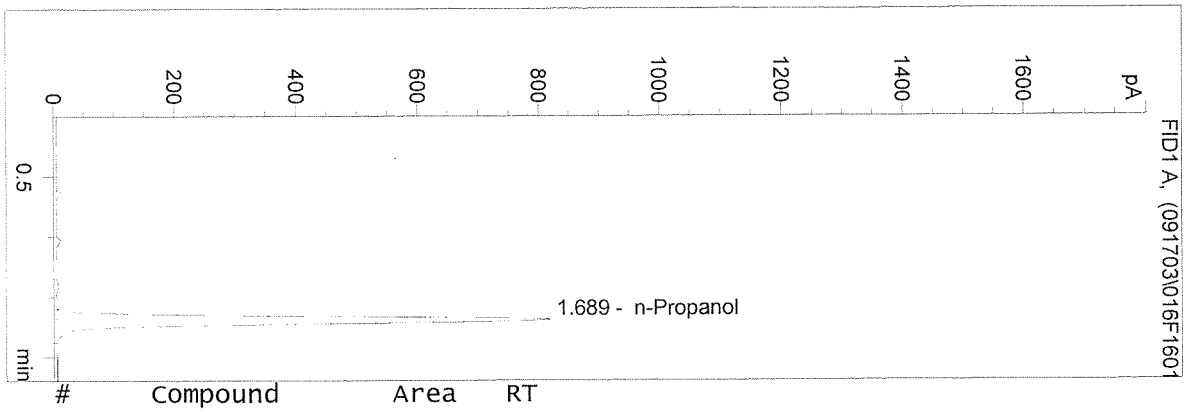
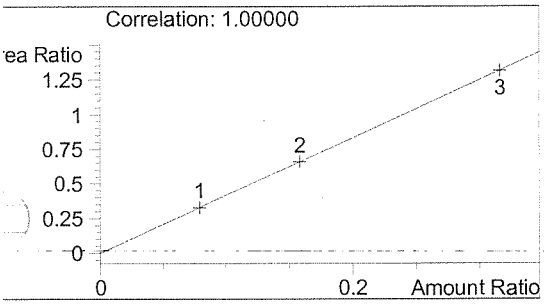
alouis

vial # 16

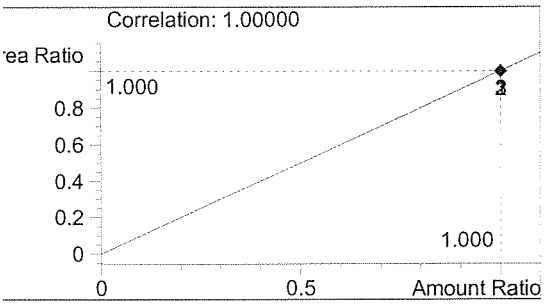


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3458	1.689

Totals:



Ethanol 0.000 g/100ml



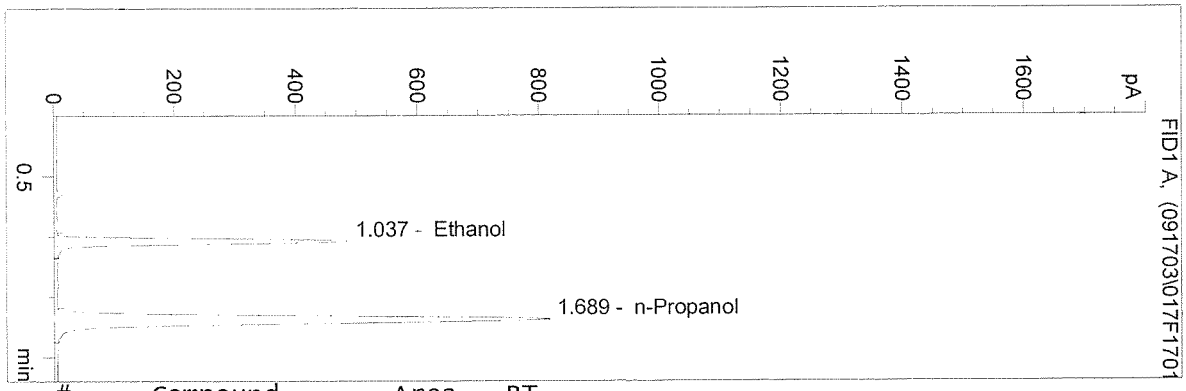
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
17/03 3:21:52 PM
strument 2
ALC1

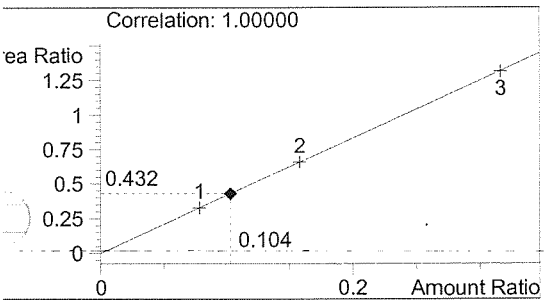
03034 sim sol em
alouis

vial # 17

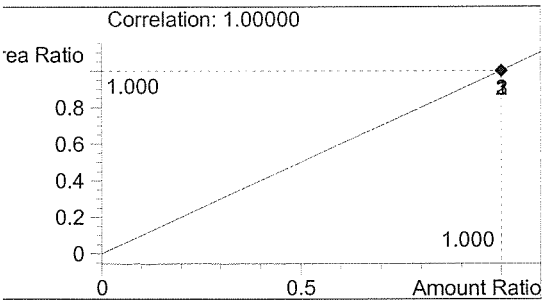


#	Compound	Area	RT
1	Ethanol	1496	1.037
2	n-Propanol	3460	1.689

Totals:



Ethanol 0.104 g/100ml



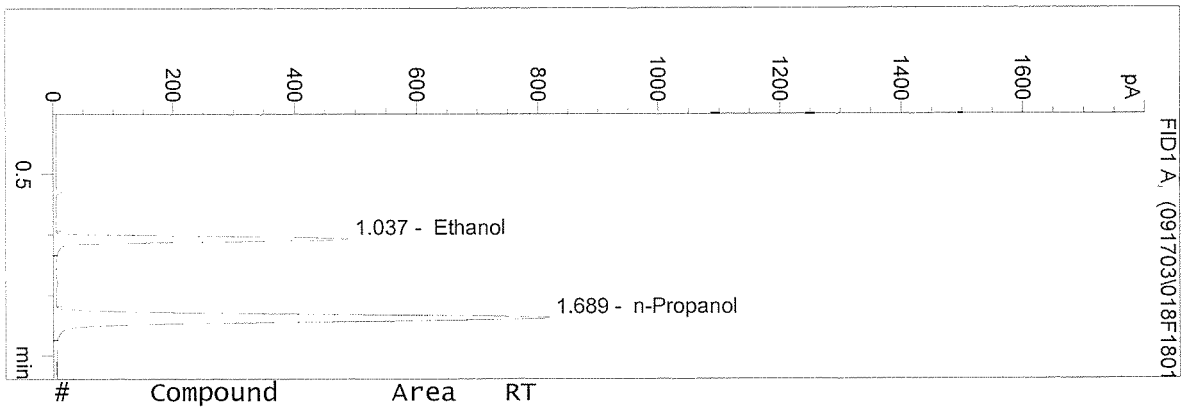
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'17/03 3:24:54 PM
ıstrument 2
ALC1

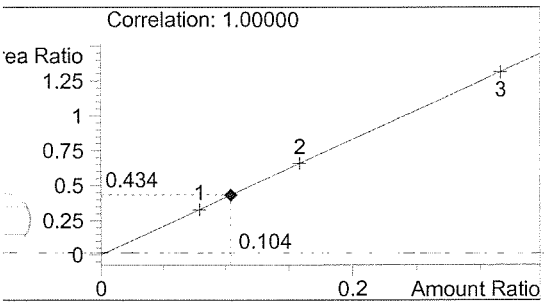
03034 sim sol em
alouis

vial # 18

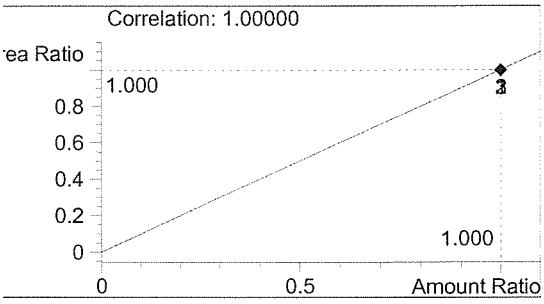


#	Compound	Area	RT
1	Ethanol	1500	1.037
2	n-Propanol	3455	1.689

Totals:



Ethanol 0.104 g/100ml



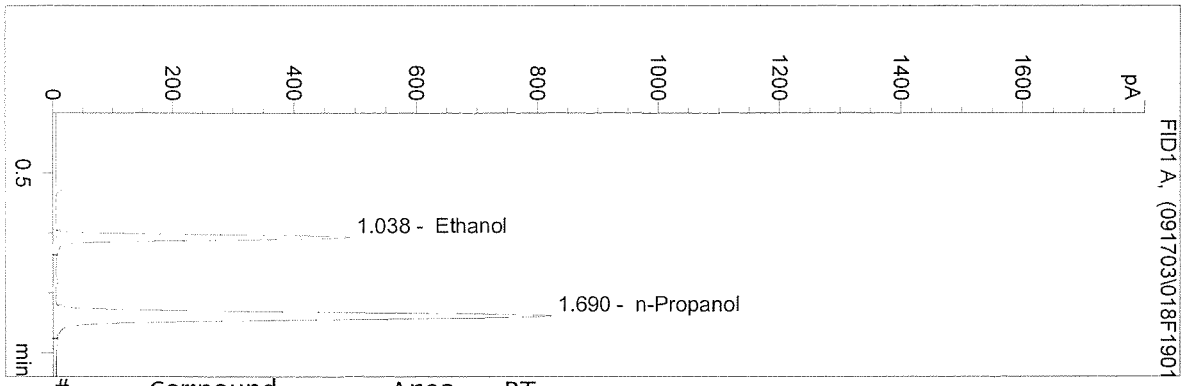
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

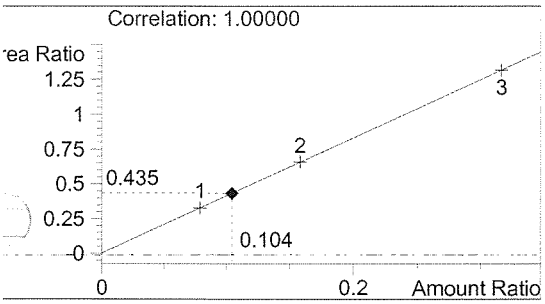
:\HPCHEM\2\METHODS\BLDALCO2.M
/17/03 3:27:56 PM
nstrument 2
ALC1

03034 sim sol em
alouis

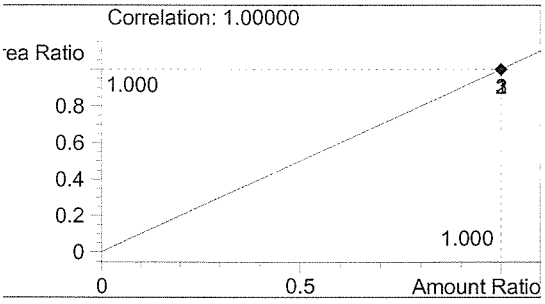
vial # 18



#	Compound	Area	RT
1	Ethanol	1512	1.038
2	n-Propanol	3475	1.690
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'17/03 3:30:58 PM
ıstrument 2
ALC1

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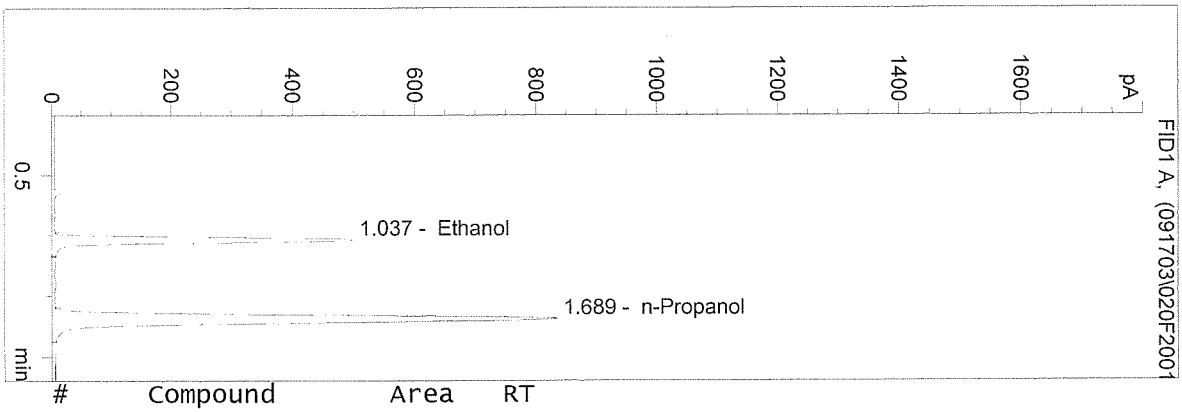
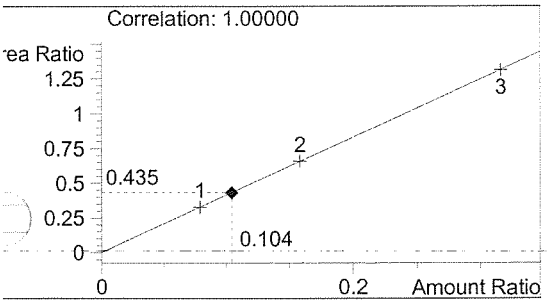
alouis

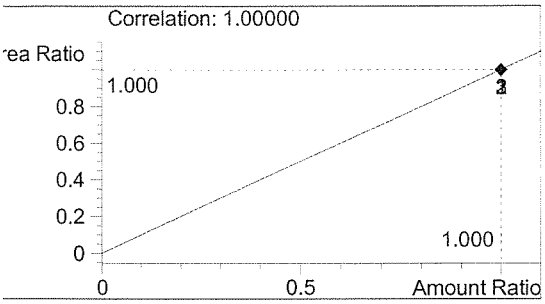
vial # 20



#	Compound	Area	RT
1	Ethanol	1532	1.037
2	n-Propanol	3521	1.689
Totals:			



Ethanol 0.104 g/100ml



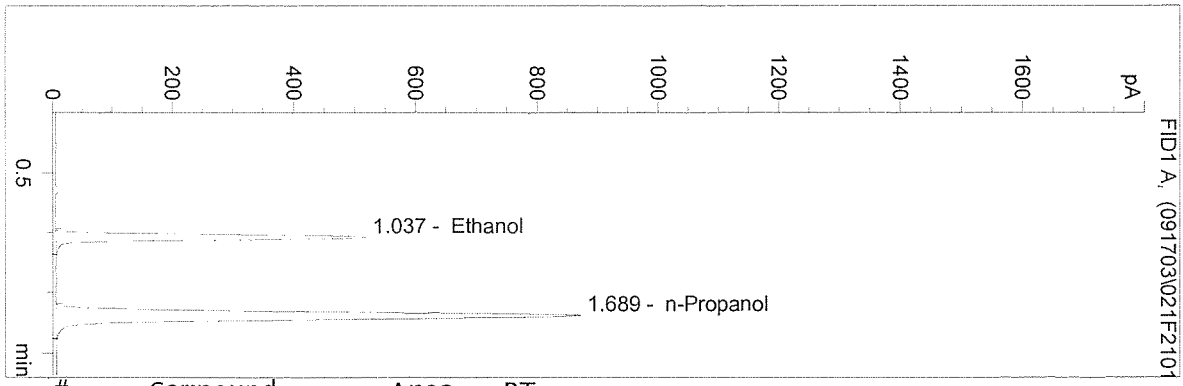
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/17/03 3:34:19 PM
nstrument 2
ALC1

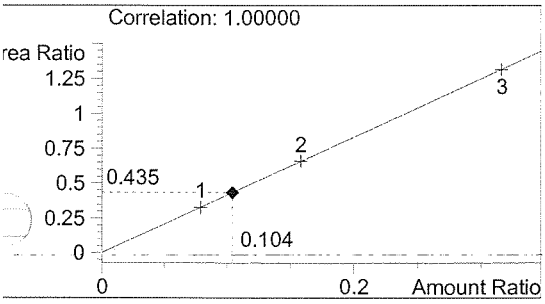
03034 sim sol em
alouis

vial # 21

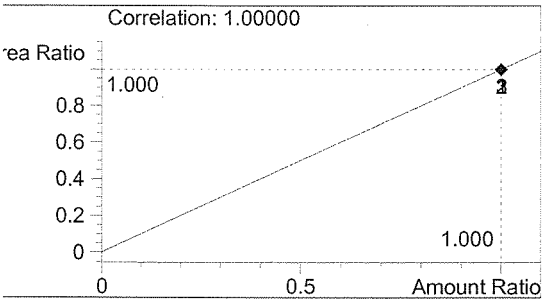


#	Compound	Area	RT
1	Ethanol	1598	1.037
2	n-Propanol	3674	1.689

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO3.M
/17/03 4:41:02 PM
nstrument 3

03034
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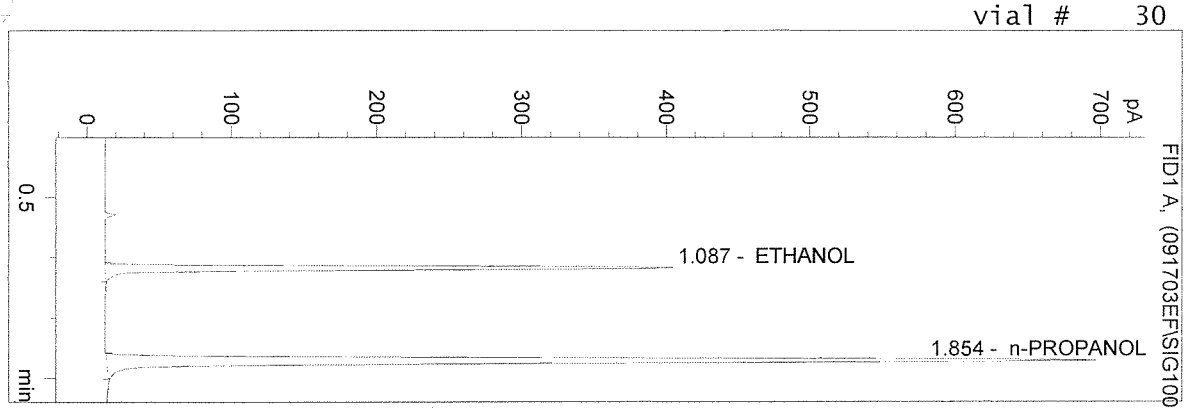
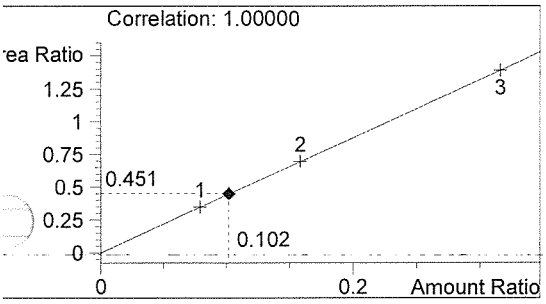
vial # 30

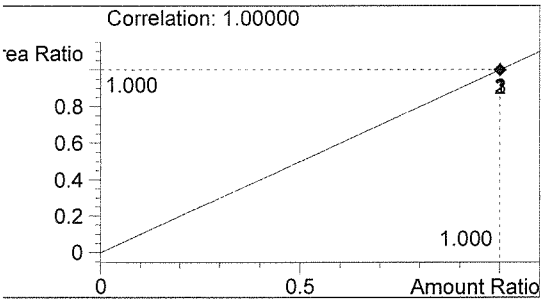


#	Compound	Area	RT
1	ETHANOL	896	1.087
2	n-PROPANOL	1988	1.854

Totals:



ETHANOL 0.102 g/100mL



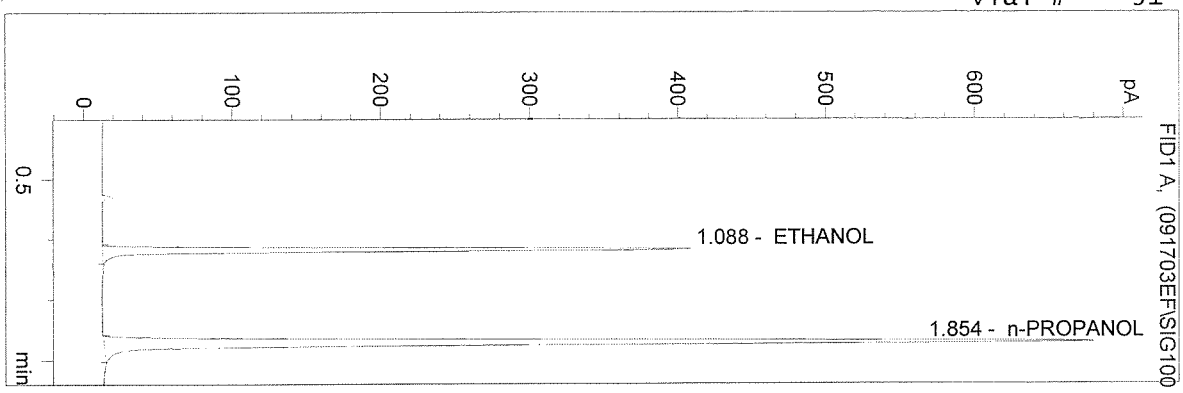
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO3.M
'17/03 4:44:06 PM
ıstrument 3

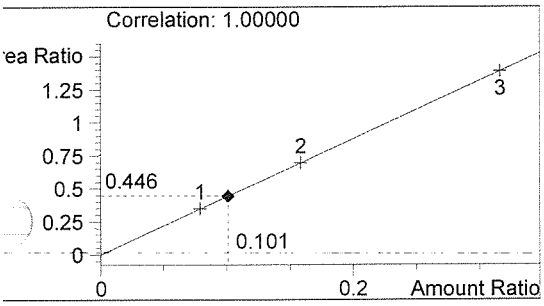
03034
ED FORMOSO

vial # 31

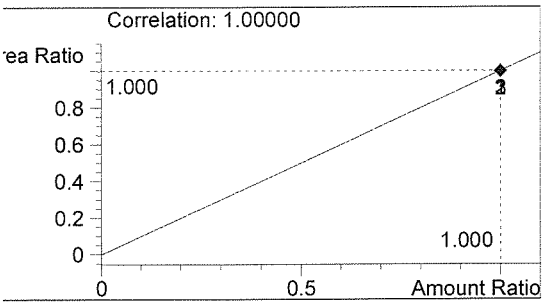


#	Compound	Area	RT
1	ETHANOL	856	1.088
2	n-PROPANOL	1917	1.854

Totals:



ETHANOL 0.101 g/100mL



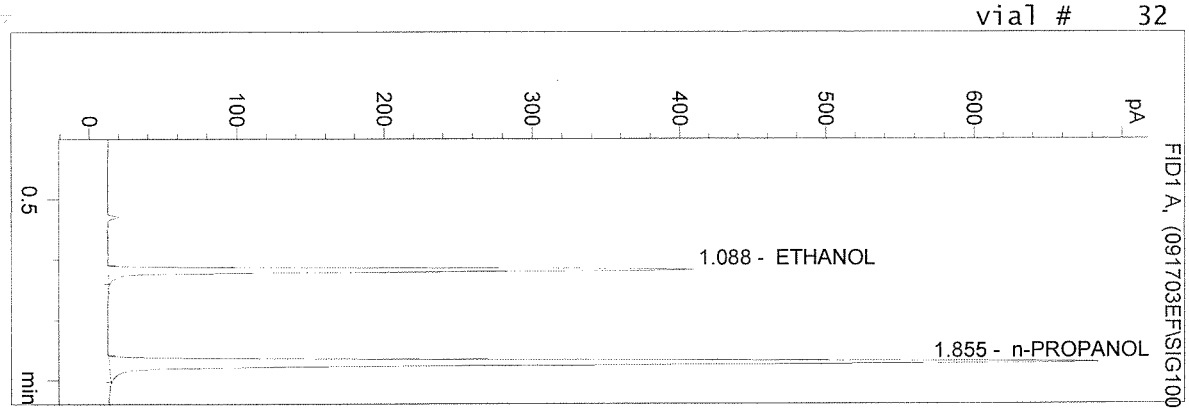
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO3.M
'17/03 4:47:11 PM
ıstrument 3

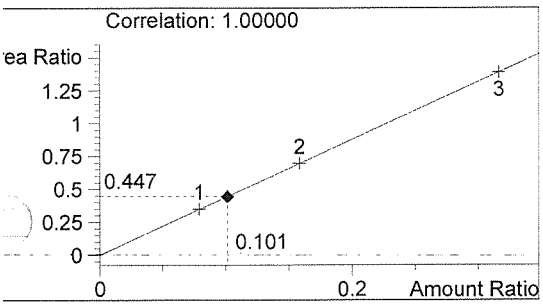
03034
ED FORMOSO

vial # 32

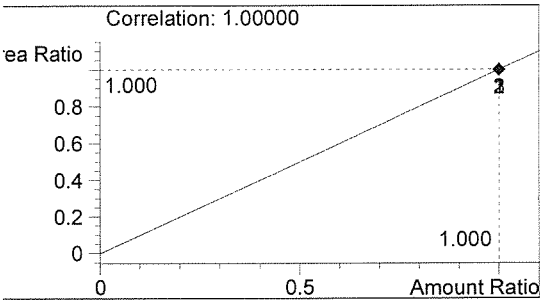


#	Compound	Area	RT
1	ETHANOL	866	1.088
2	n-PROPANOL	1936	1.855

Totals:



ETHANOL 0.101 g/100mL



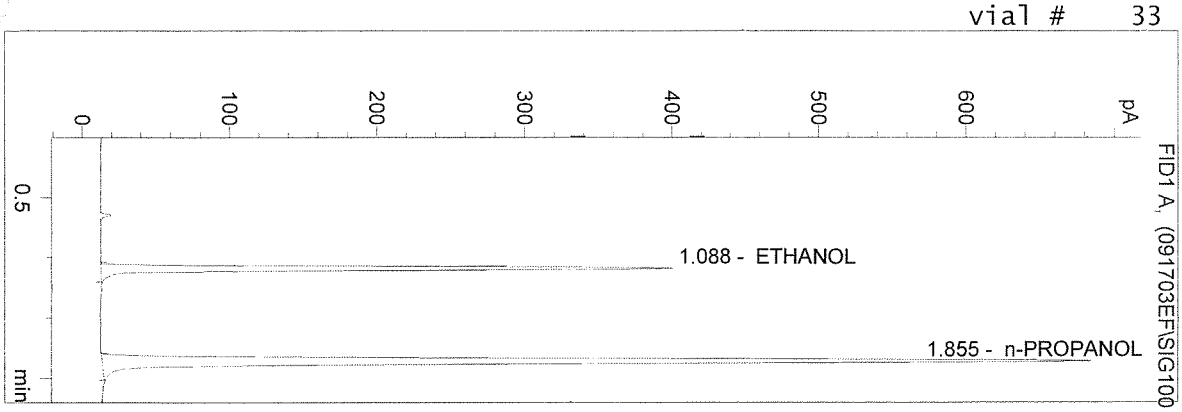
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO3.M
/17/03 4:50:31 PM
nstrument 3

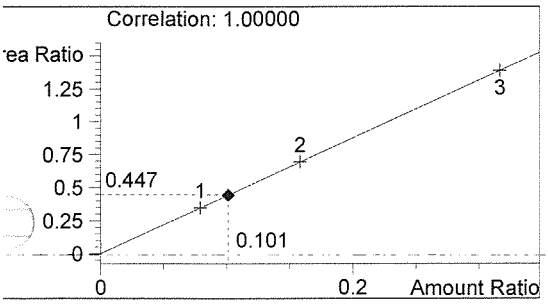
03034
ED FORMOSO

vial # 33

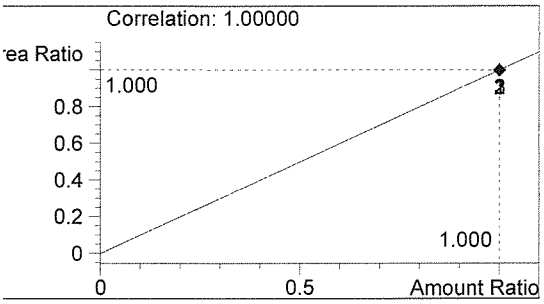


#	Compound	Area	RT
1	ETHANOL	866	1.088
2	n-PROPANOL	1939	1.855

Totals:



ETHANOL 0.101 g/100mL



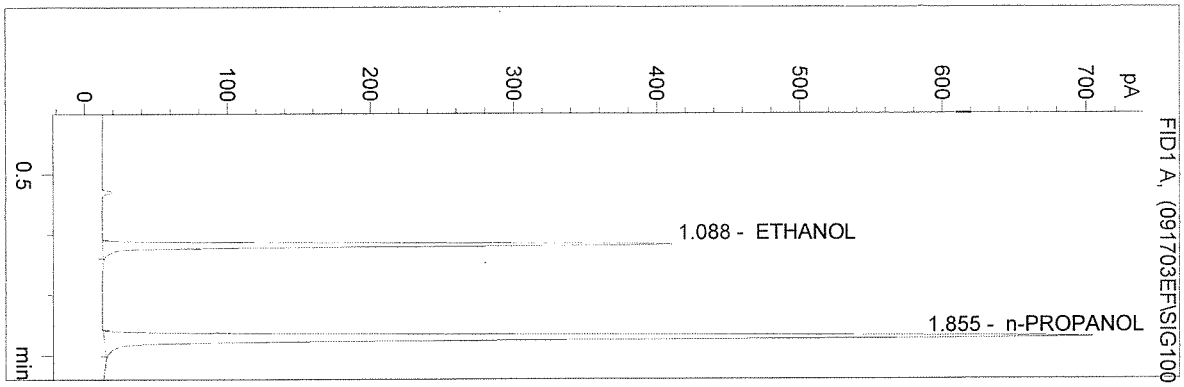
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO3.M
'17/03 4:53:35 PM
ıstrument 3

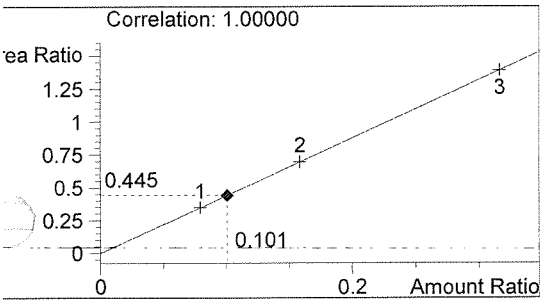
03034
ED FORMOSO

vial # 34

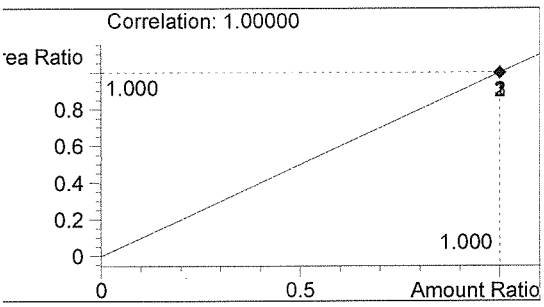


#	Compound	Area	RT
1	ETHANOL	892	1.088
2	n-PROPANOL	2007	1.855

Totals:



ETHANOL 0.101 g/100mL



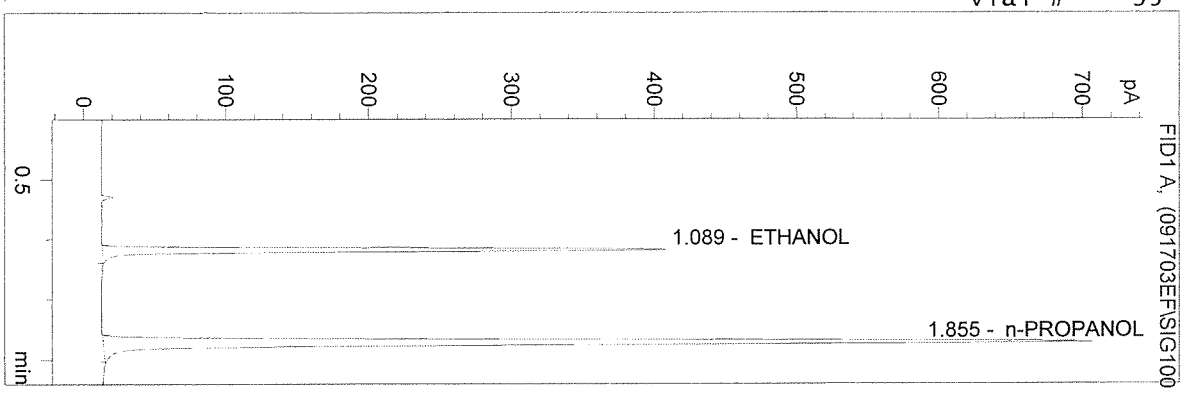
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO3.M
'17/03 4:56:39 PM
ıstrument 3

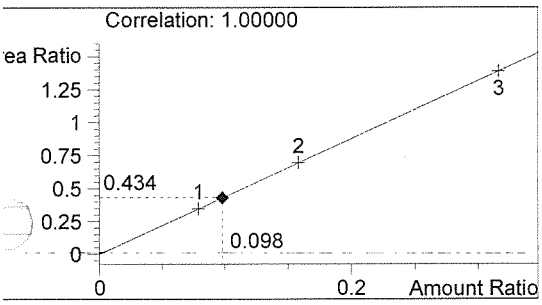
0.10 CONTROL
ED FORMOSO

vial # 35

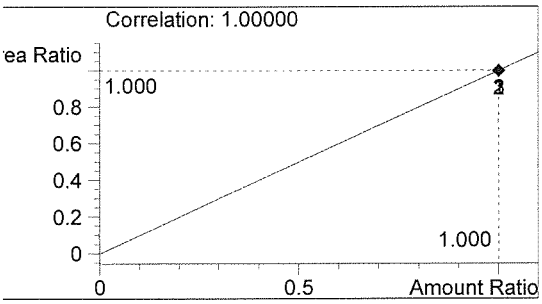


#	Compound	Area	RT
1	ETHANOL	870	1.089
2	n-PROPANOL	2007	1.855

Totals:



ETHANOL 0.098 g/100mL



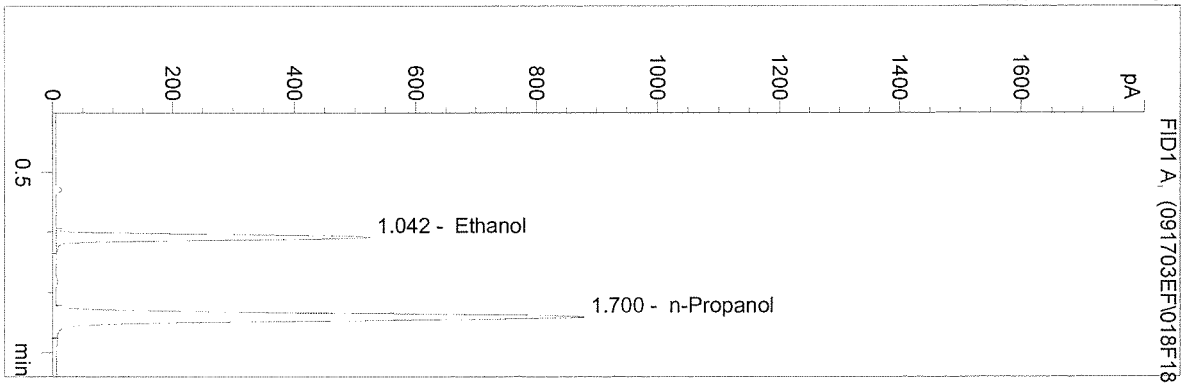
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO.M
'17/03 3:59:50 PM
ıstrument 1
ALC1

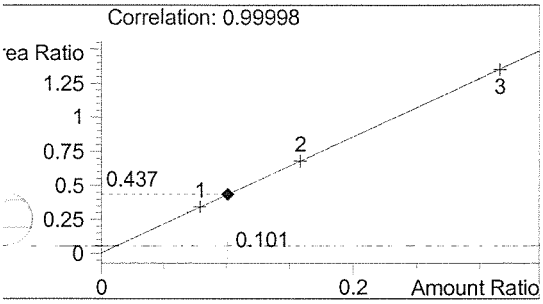
03034 AMG
ED FORMOSO

vial # 18

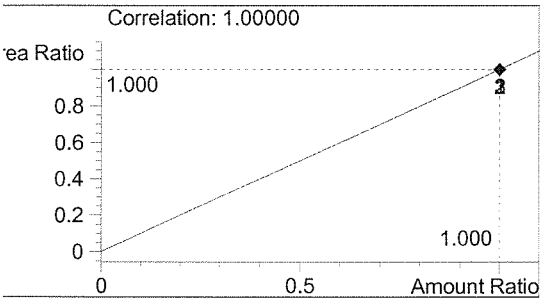


#	Compound	Area	RT
1	Ethanol	1631	1.042
2	n-Propanol	3734	1.700

Totals:



Ethanol 0.101 g/100ml



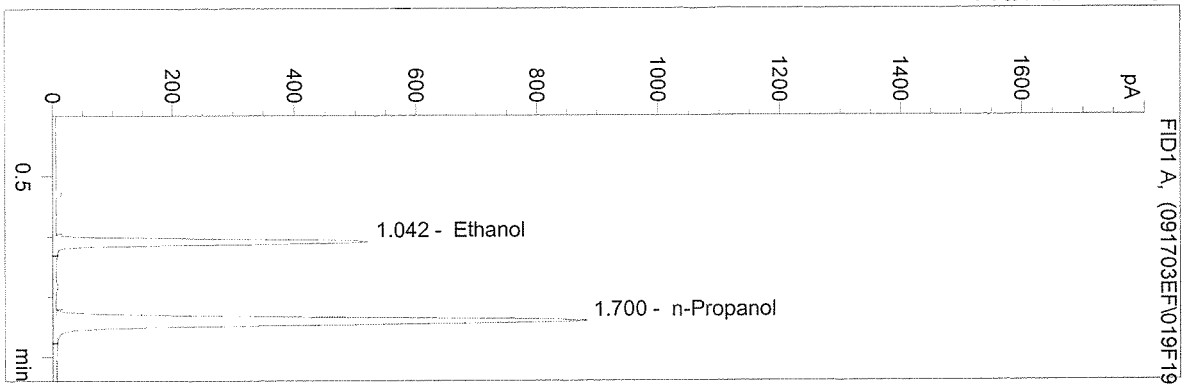
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\1\METHODS\BLDALCO.M
'17/03 4:02:51 PM
ıstrument 1
ALC1

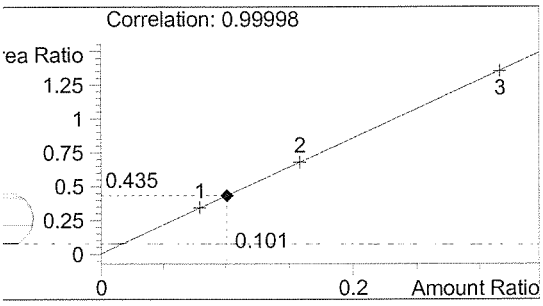
03034 AMG
ED FORMOSO

vial # 19

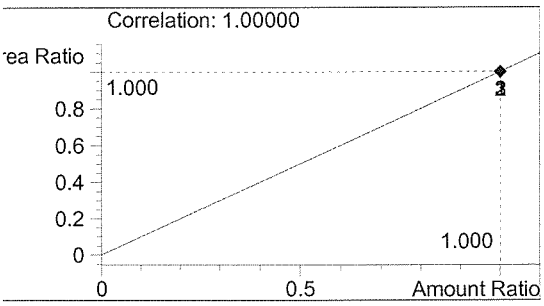


#	Compound	Area	RT
1	Ethanol	1637	1.042
2	n-Propanol	3760	1.700

Totals:



Ethanol 0.101 g/100ml



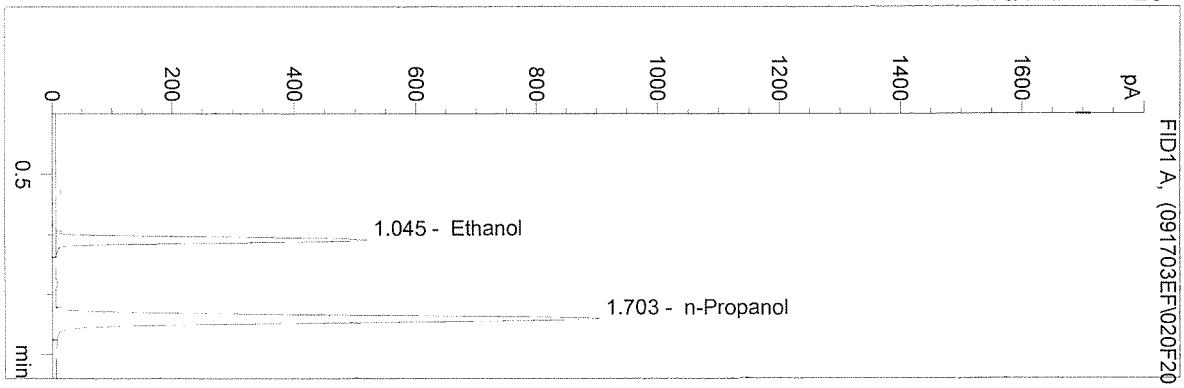
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO.M
'17/03 4:05:54 PM
ıstrument 1
ALC1

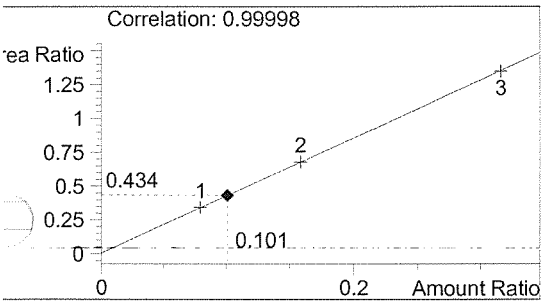
03034 AMG
ED FORMOSO

vial # 20

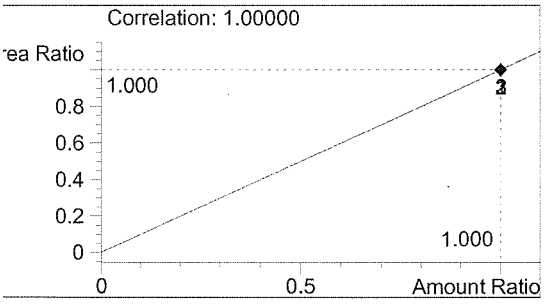


#	Compound	Area	RT
1	Ethanol	1695	1.045
2	n-Propanol	3903	1.703

Totals:



Ethanol 0.101 g/100ml



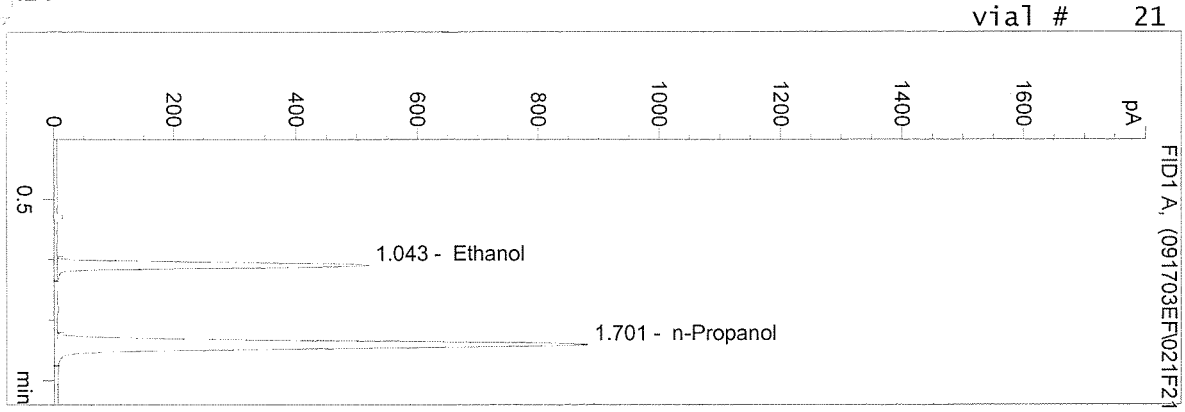
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO.M
/17/03 4:09:11 PM
nstrument 1
ALC1

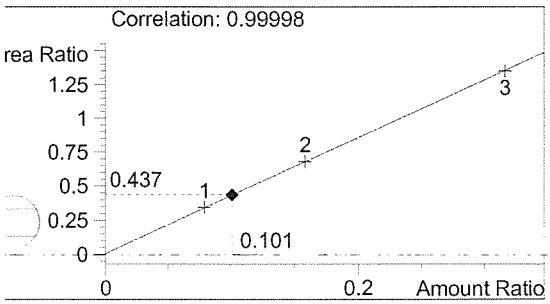
03034 AMG
ED FORMOSO

vial # 21

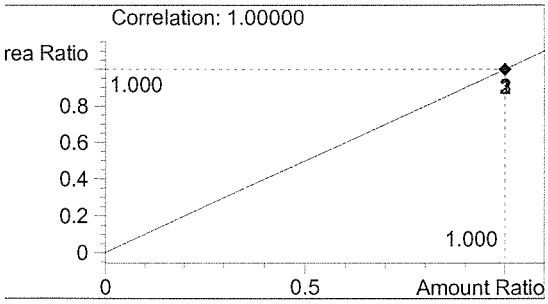


#	Compound	Area	RT
1	Ethanol	1646	1.043
2	n-Propanol	3769	1.701

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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'17/03 4:12:12 PM
ıstrument 1
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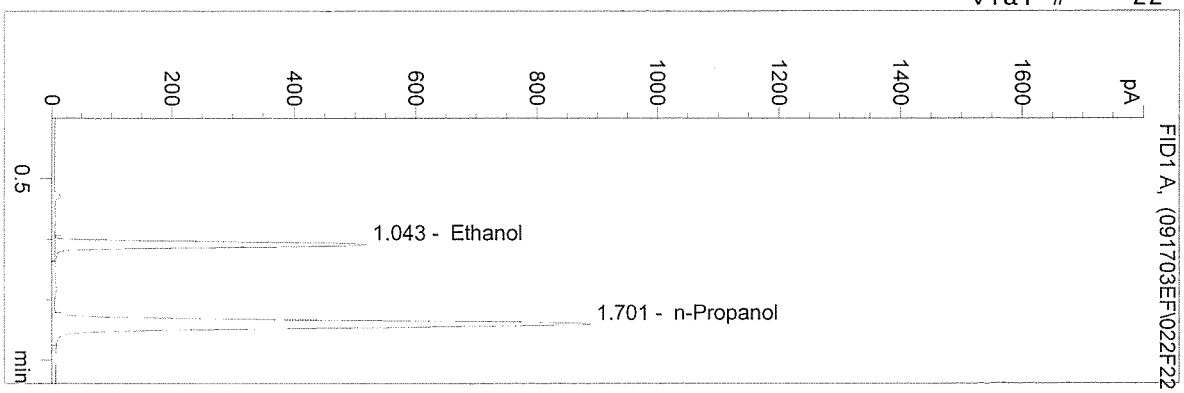
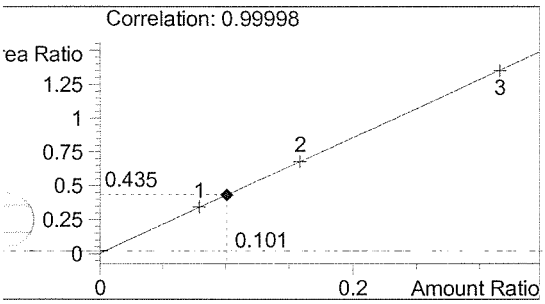
03034 AMG
ED FORMOSO

vial # 22

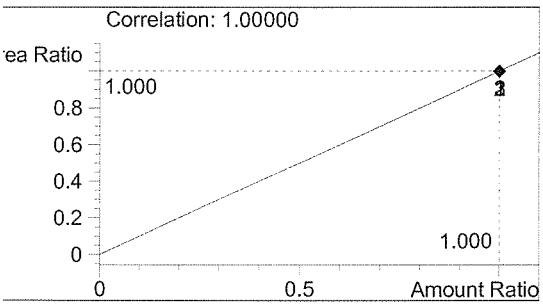


#	Compound	Area	RT
1	Ethanol	1656	1.043
2	n-Propanol	3803	1.701

Totals:



Ethanol 0.101 g/100ml



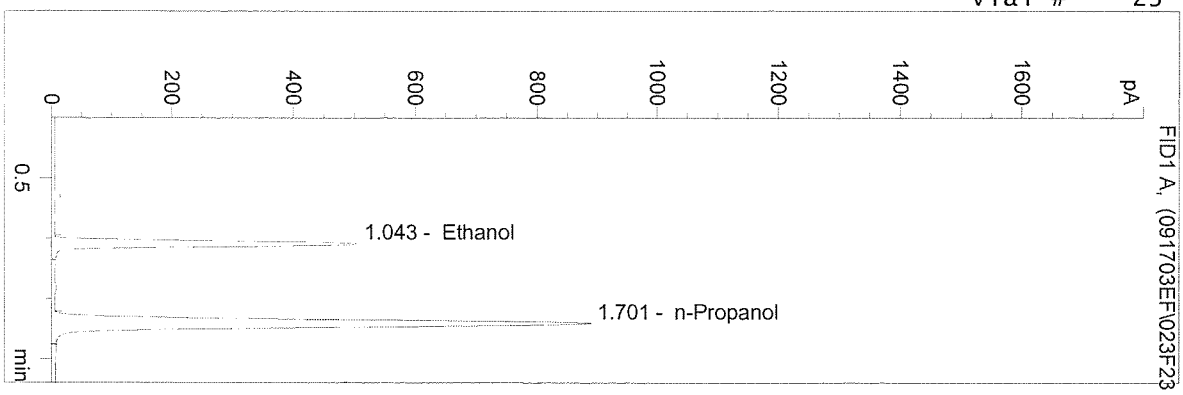
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\1\METHODS\BLDALCO.M
/17/03 4:15:14 PM
nstrument 1
ALC1

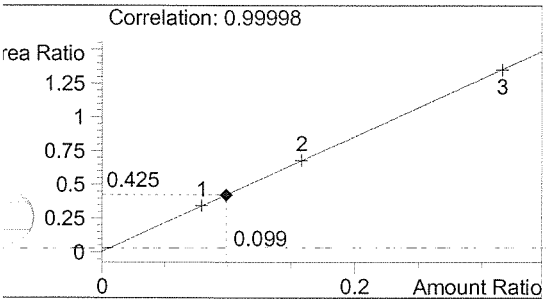
0.10 CONT AMG
ED FORMOSO

vial # 23

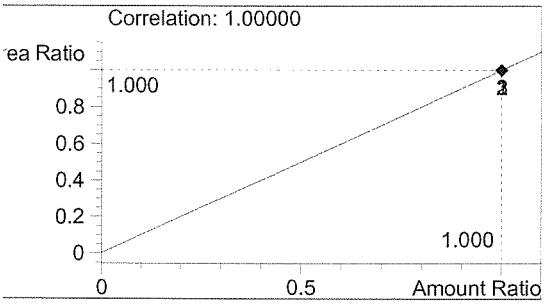


#	Compound	Area	RT
1	Ethanol	1624	1.043
2	n-Propanol	3821	1.701

Totals:



Ethanol 0.099 g/100ml



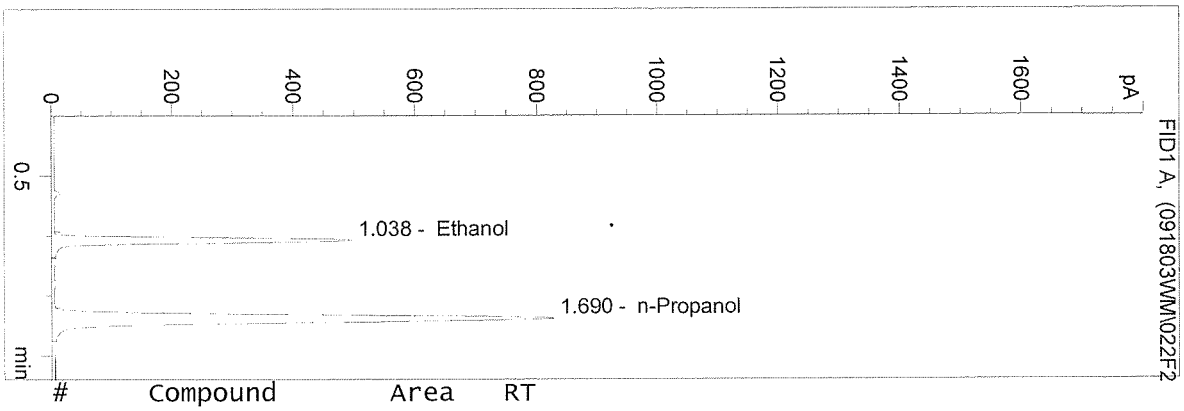
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'18/03 11:30:32 AM
strument 2
ALC1

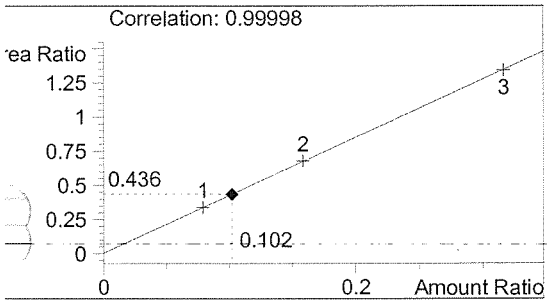
SIM 03034
WP MARSHALL

vial # 22

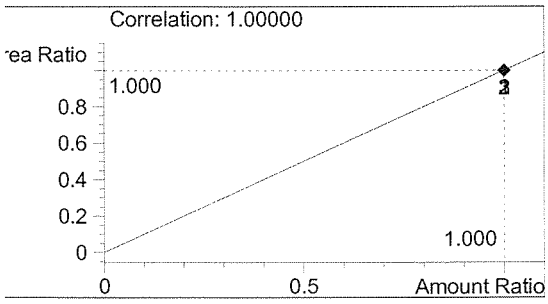


#	Compound	Area	RT
1	Ethanol	1524	1.038
2	n-Propanol	3493	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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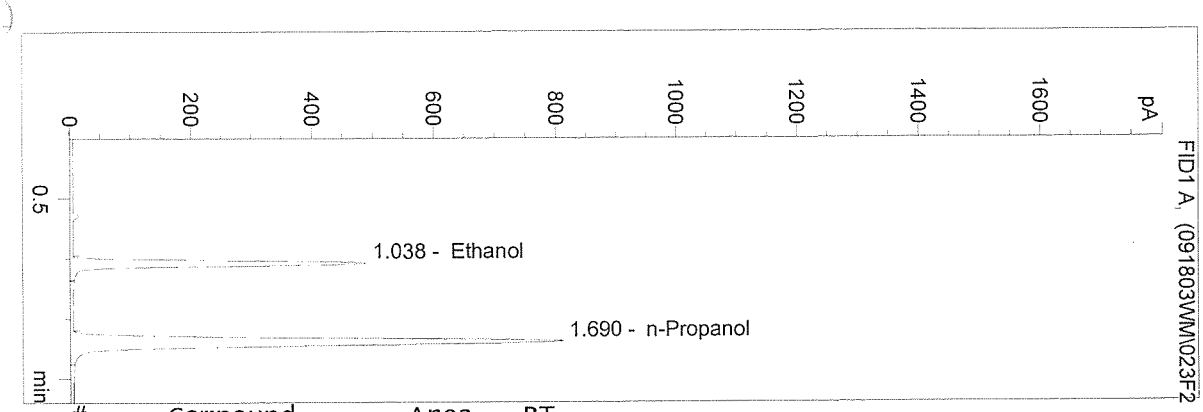
SIM
03028

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
18/03 11:33:33 AM
strument 2
ALC1

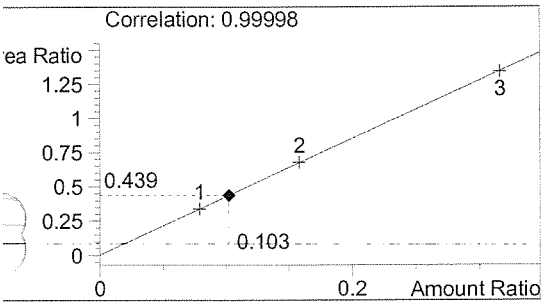
SIM 03034
WP MARSHALL

vial # 23

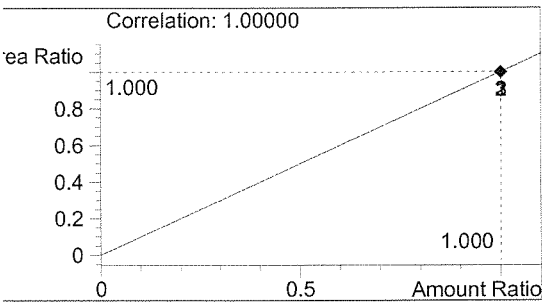


#	Compound	Area	RT
1	Ethanol	1498	1.038
2	n-Propanol	3412	1.690

Totals:



Ethanol 0.103 g/100ml



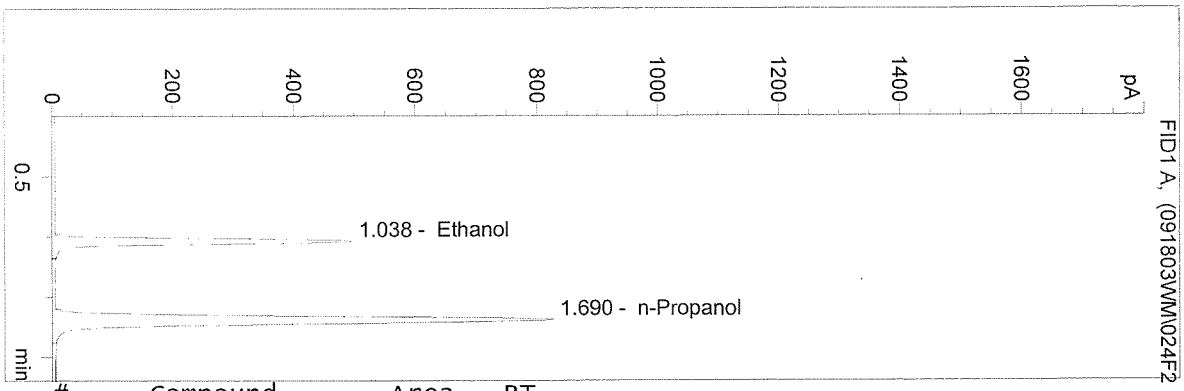
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'18/03 11:36:44 AM
ıstrument 2
ALC1

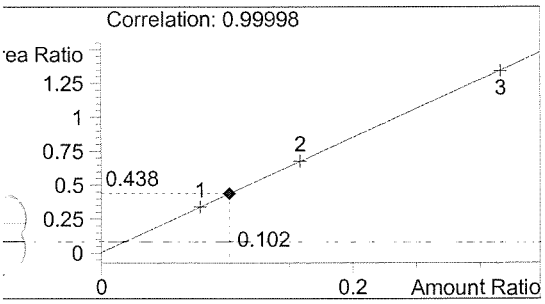
SIM 03034
WP MARSHALL

vial # 24

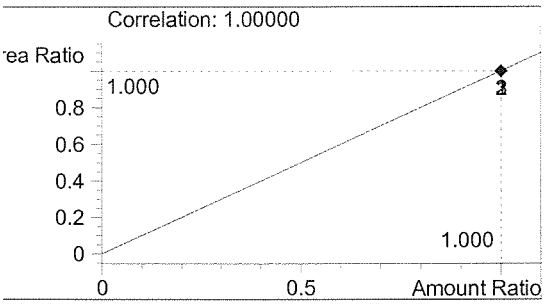


#	Compound	Area	RT
1	Ethanol	1528	1.038
2	n-Propanol	3486	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
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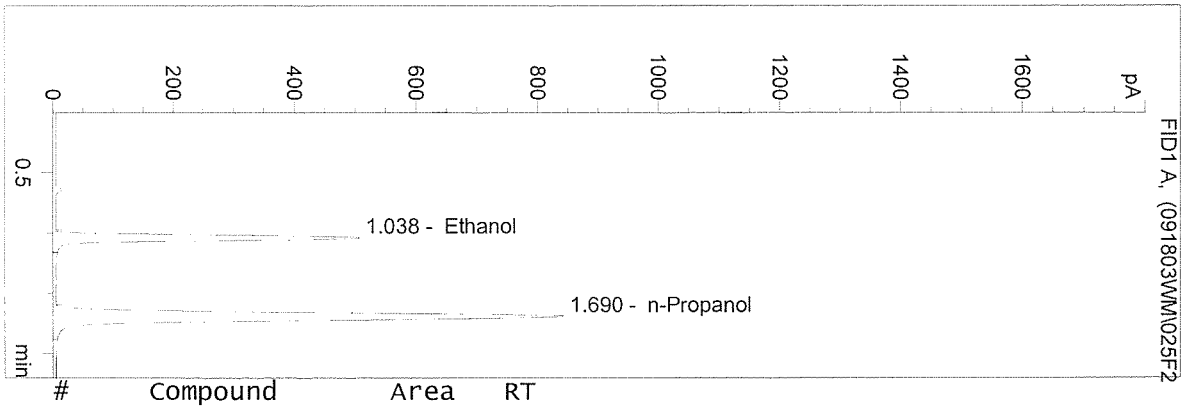
ıstrument 2
-ALC1

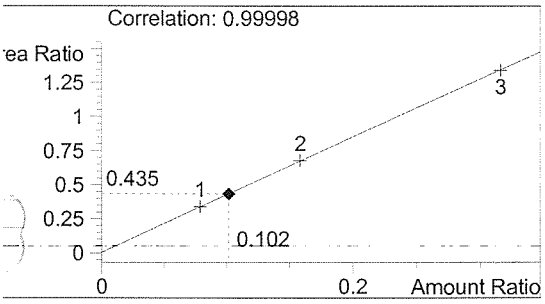
SIM 03034
WP MARSHALL

vial # 25

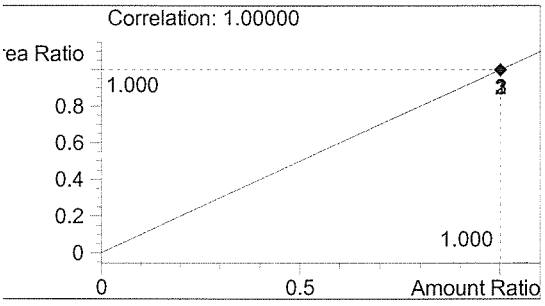


#	Compound	Area	RT
1	Ethanol	1550	1.038
2	n-Propanol	3560	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
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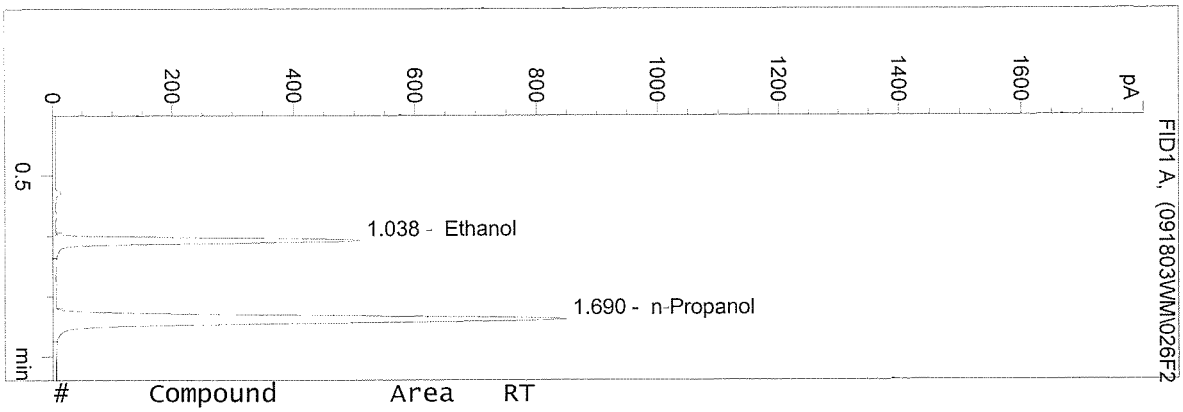
ıstrument 2
ALC1

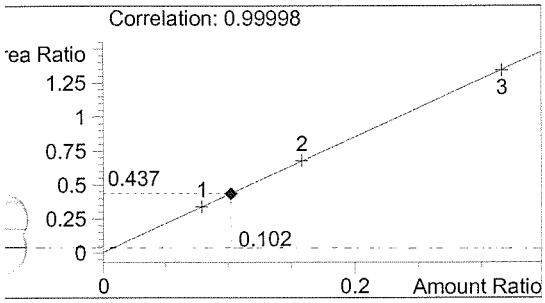
SIM 03035
WP MARSHALL

vial # 26

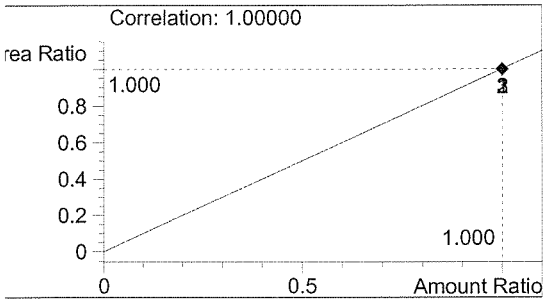


#	Compound	Area	RT
1	Ethanol	1566	1.038
2	n-Propanol	3581	1.690

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
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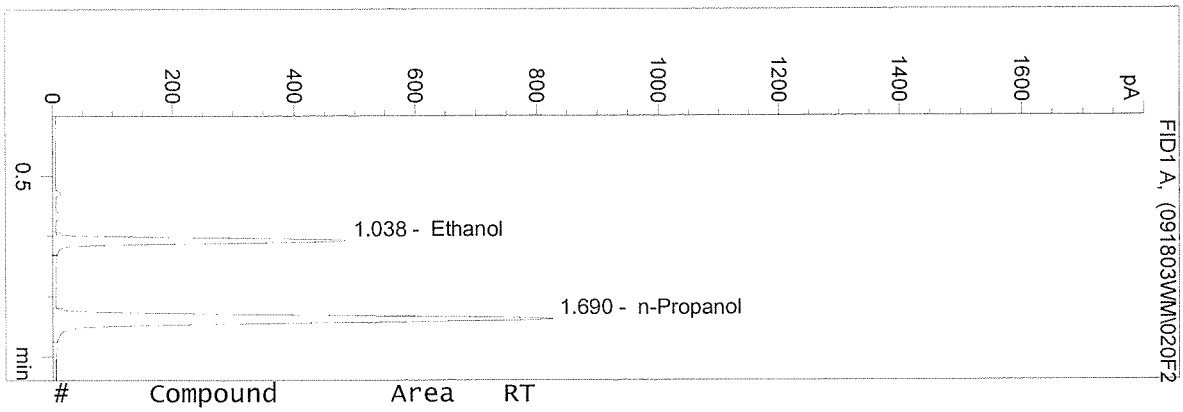
strument 2
ALC1

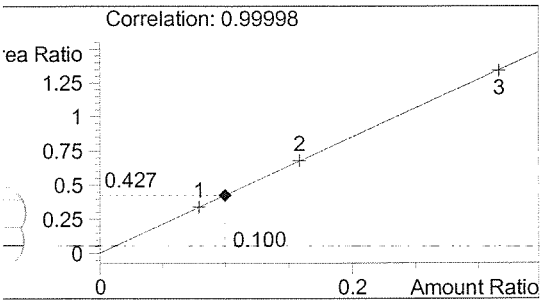
CONTROL 0.10 WM
WP MARSHALL

vial # 20

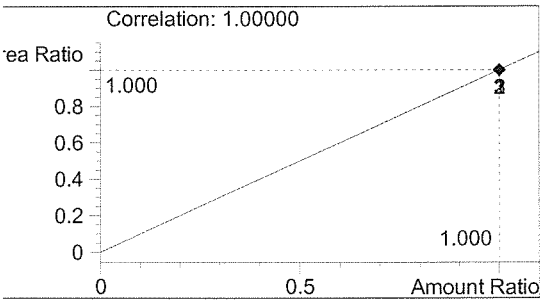


#	Compound	Area	RT
1	Ethanol	1494	1.038
2	n-Propanol	3500	1.690

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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/18/03 11:27:30 AM
nstrument 2
ALC1

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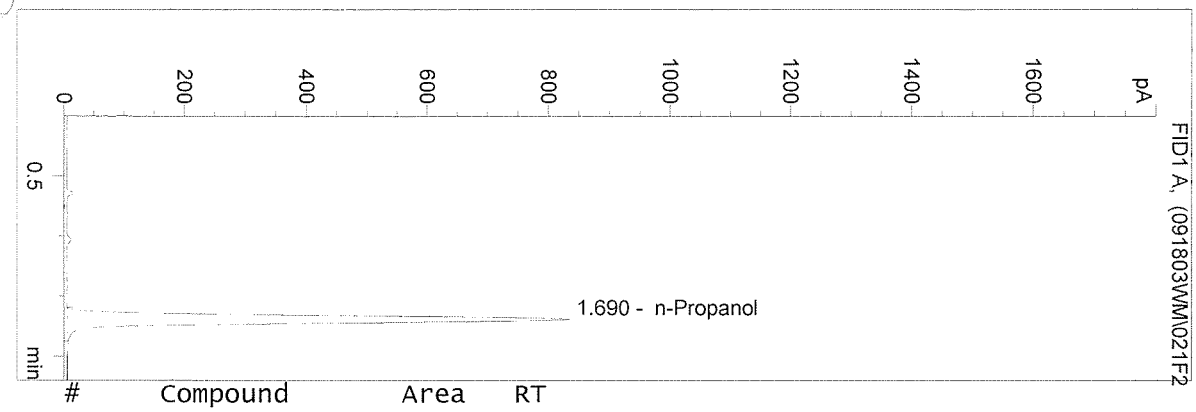
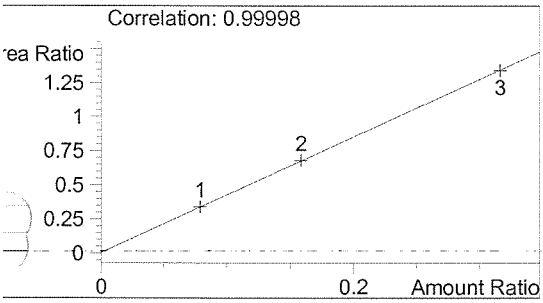
WP MARSHALL

vial # 21

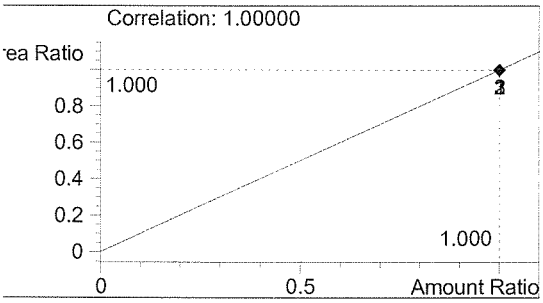


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3525	1.690

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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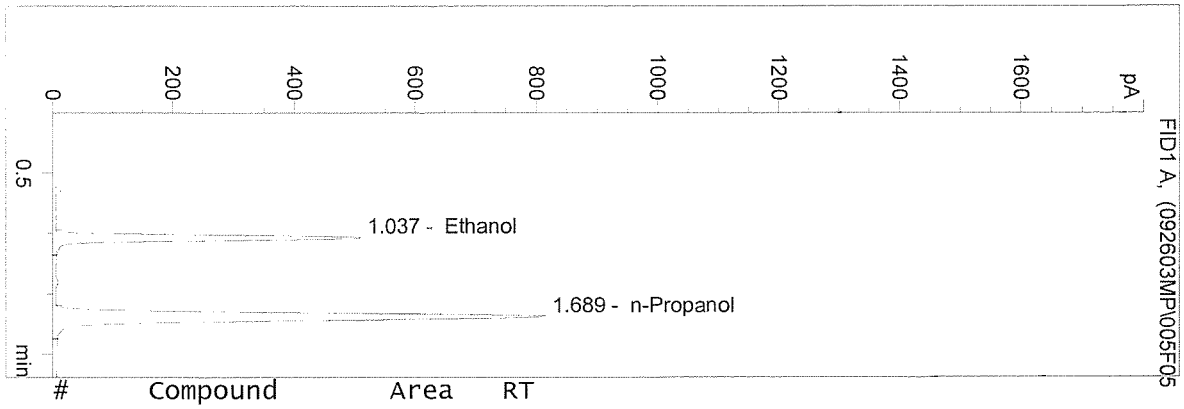
/26/03 11:04:48 AM
nstrument 2
?-ALC1

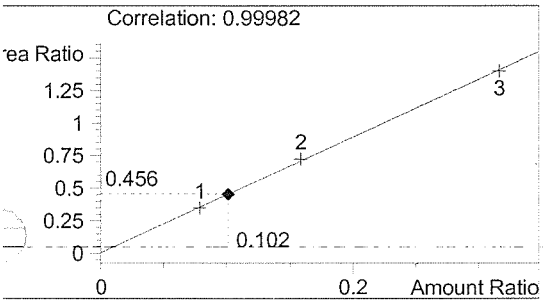
03034 sim soln
m pemberton

vial # 5

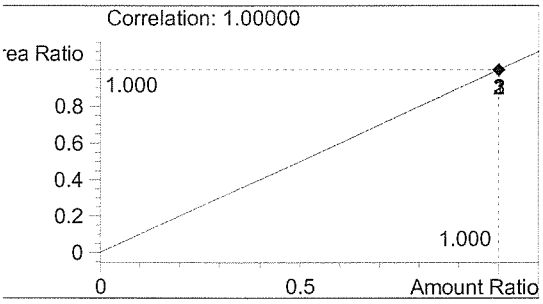


#	Compound	Area	RT
1	Ethanol	1567	1.037
2	n-Propanol	3439	1.689

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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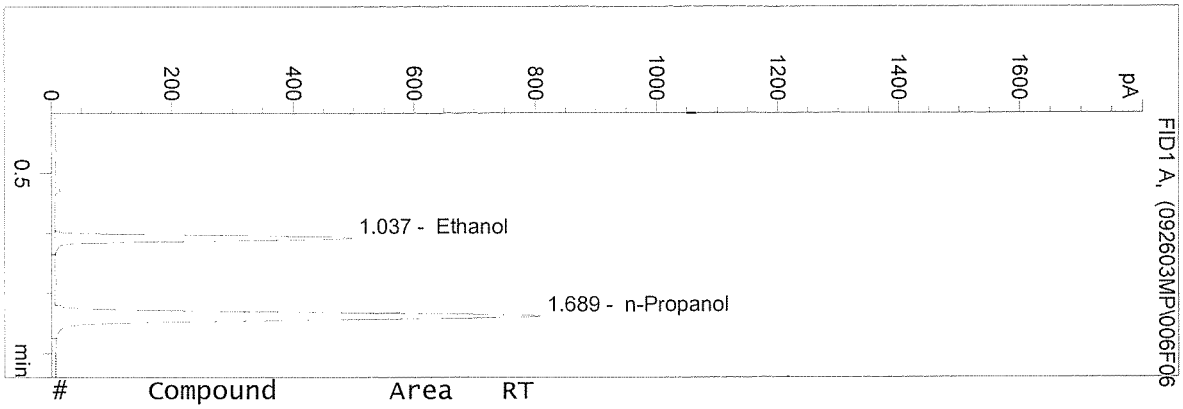
/26/03 11:07:50 AM
ıstrument 2
'-ALC1

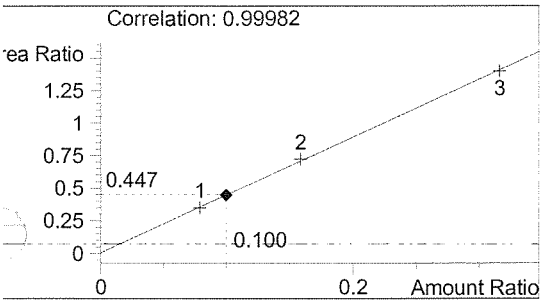
03034 sim soln
m pemberton

vial # 6

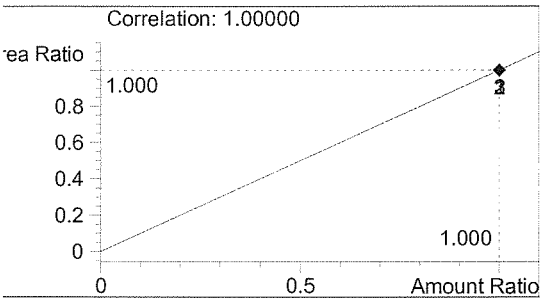


#	Compound	Area	RT
1	Ethanol	1523	1.037
2	n-Propanol	3403	1.689

Totals:



Ethanol 0.100 g/100ml



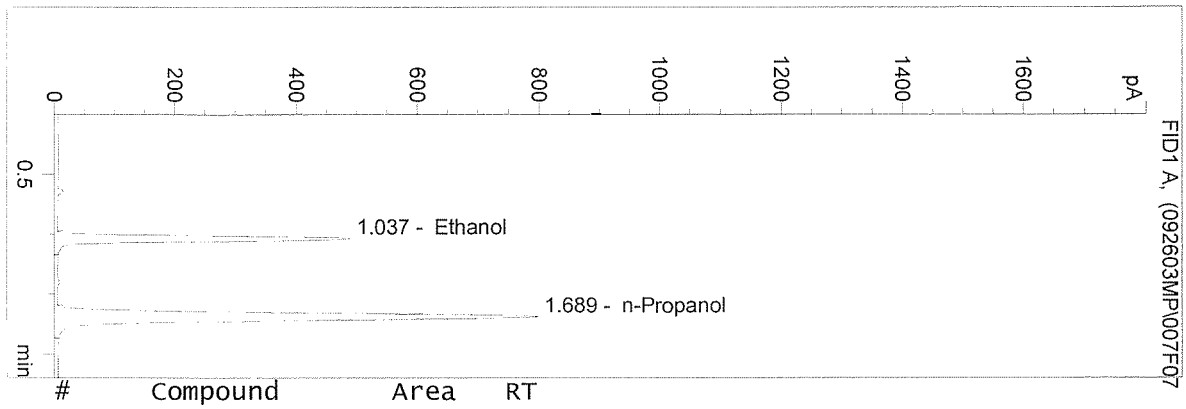
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'26/03 11:10:52 AM
ıstrument 2
'-ALC1

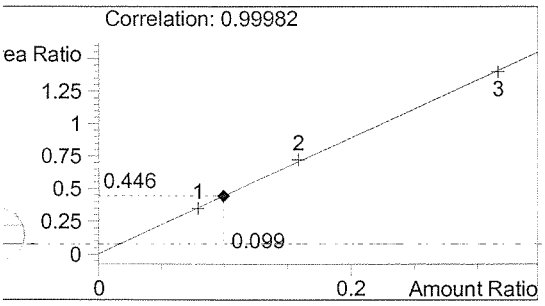
03034 sim soln
m pemberton

vial # 7

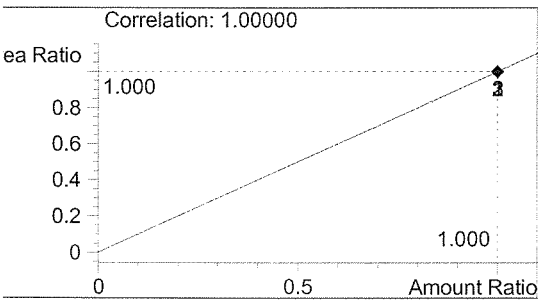


#	Compound	Area	RT
1	Ethanol	1500	1.037
2	n-Propanol	3366	1.689

Totals:



Ethanol 0.099 g/100ml



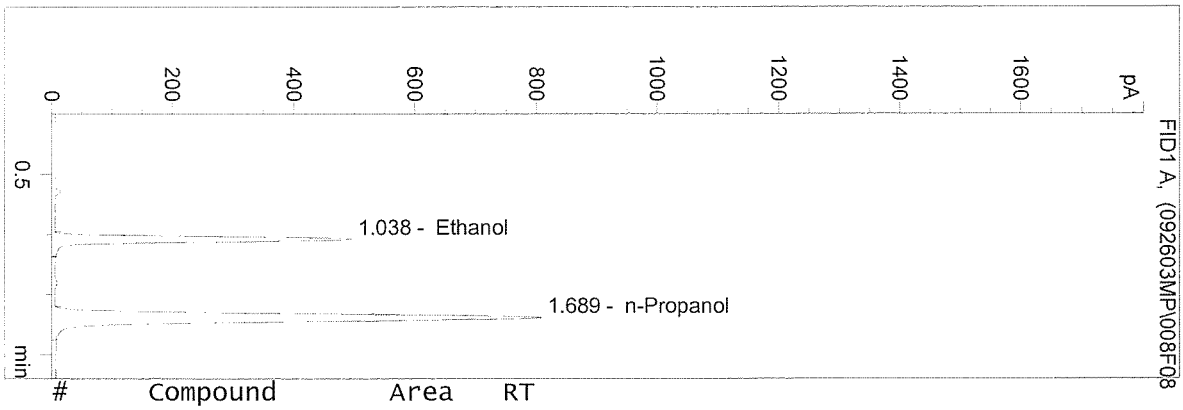
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/26/03 11:13:54 AM
nstrument 2
?-ALC1

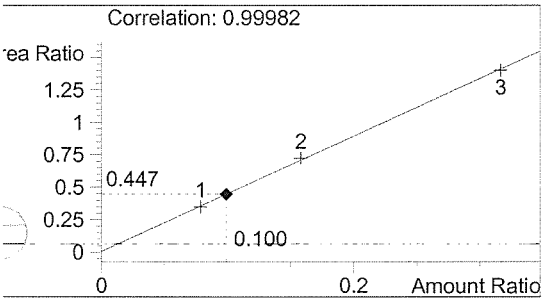
03034 sim soln
m pemberton

vial # 8

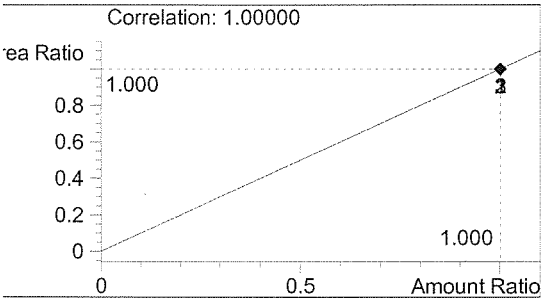


#	Compound	Area	RT
1	Ethanol	1523	1.038
2	n-Propanol	3406	1.689

Totals:



Ethanol 0.100 g/100ml



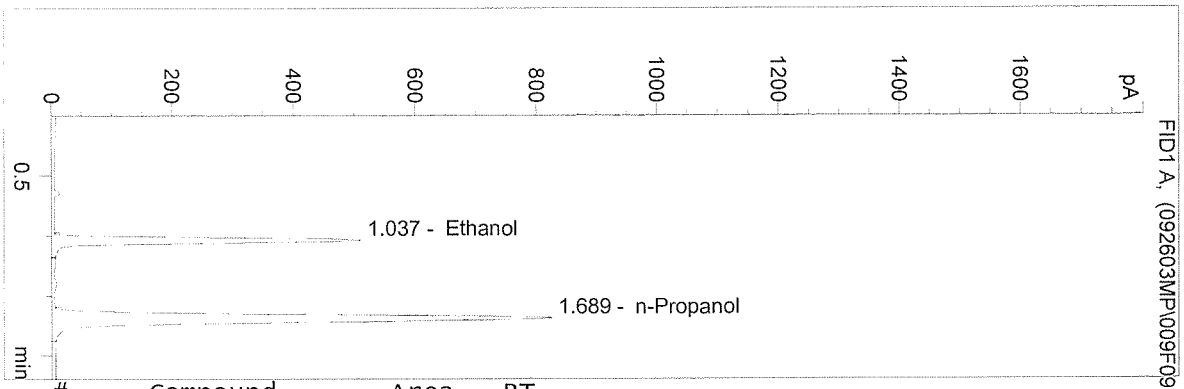
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'26/03 11:17:24 AM
ıstrument 2
'-ALC1

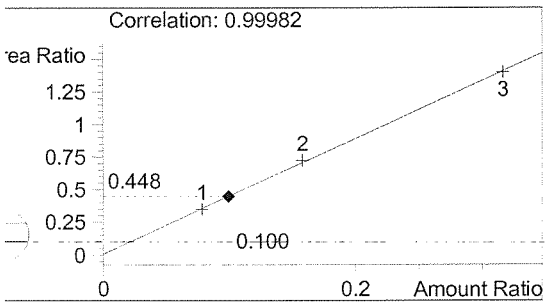
03034 sim soln
m pemberton

vial # 9

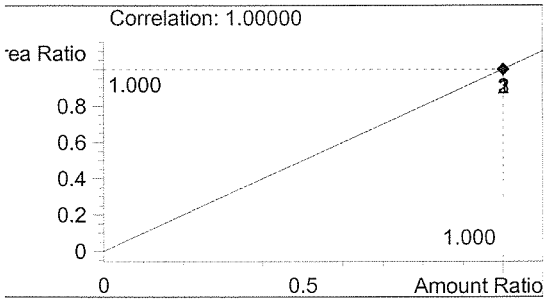


#	Compound	Area	RT
1	Ethanol	1568	1.037
2	n-Propanol	3496	1.689

Totals:



Ethanol 0.100 g/100ml



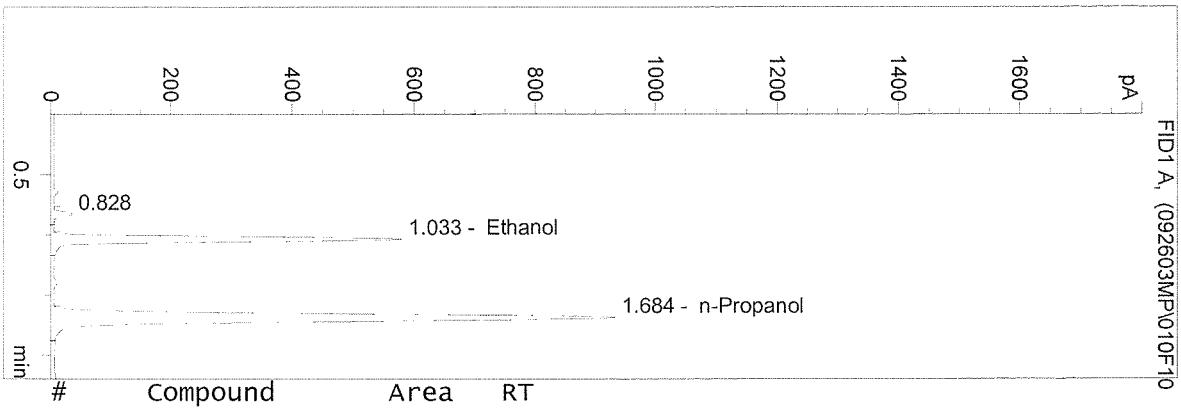
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'26/03 11:20:26 AM
ıstrument 2
'-ALC1

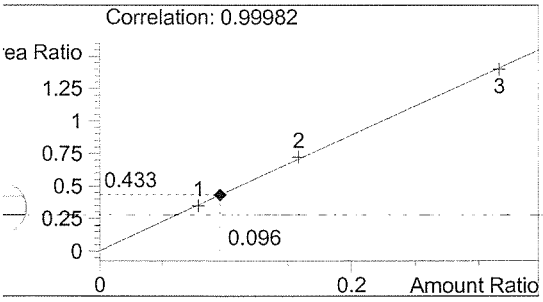
0.10 control
m pemberton

vial # 10

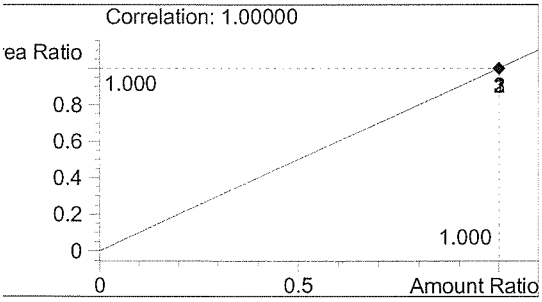


#	Compound	Area	RT
1		87	0.828
2	Ethanol	1681	1.033
3	n-Propanol	3882	1.684

Totals:



Ethanol 0.096 g/100ml



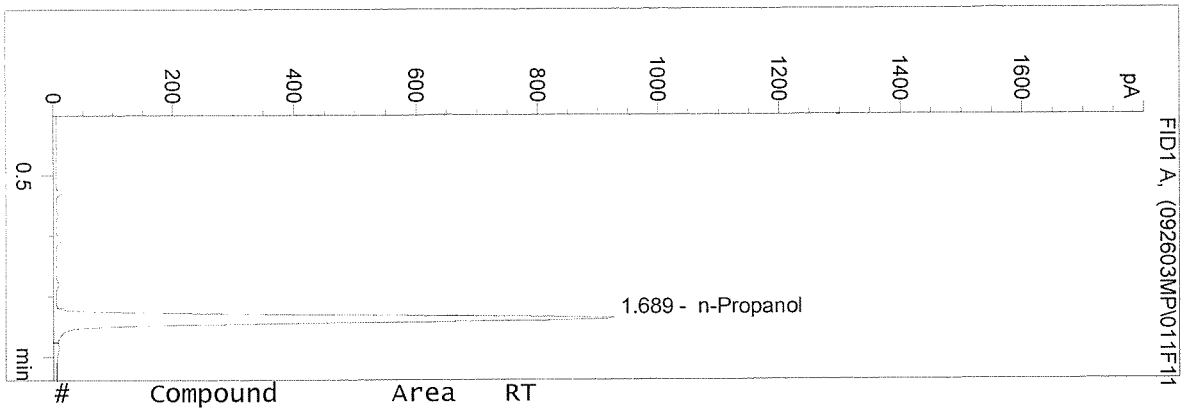
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'26/03 11:23:29 AM
ıstrument 2
'-ALC1

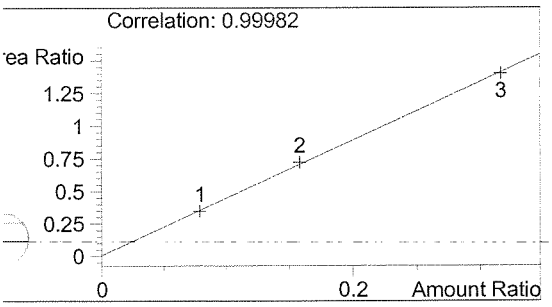
blk
m pemberton

vial # 11

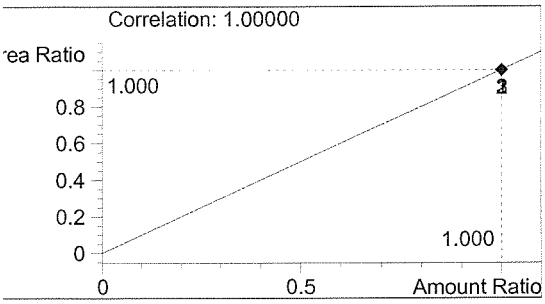


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3907	1.689

Totals:



Ethanol 0.000 g/100ml



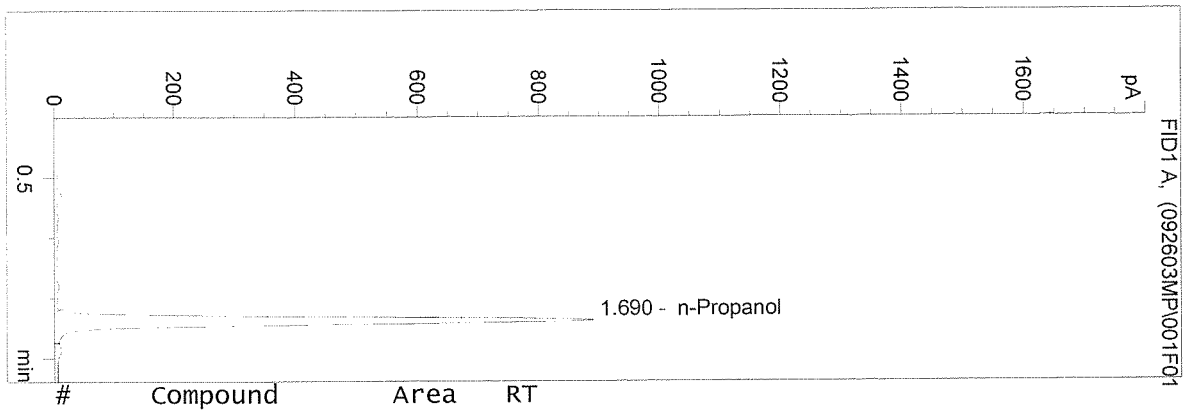
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
26/03 10:52:07 AM
strument 2
-ALC1

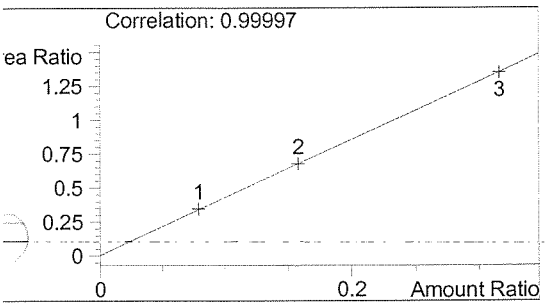
BLK
m pemberton

vial # 1

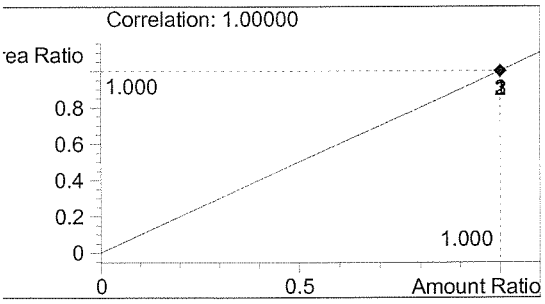


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3780	1.690

Totals:



Ethanol 0.000 g/100ml



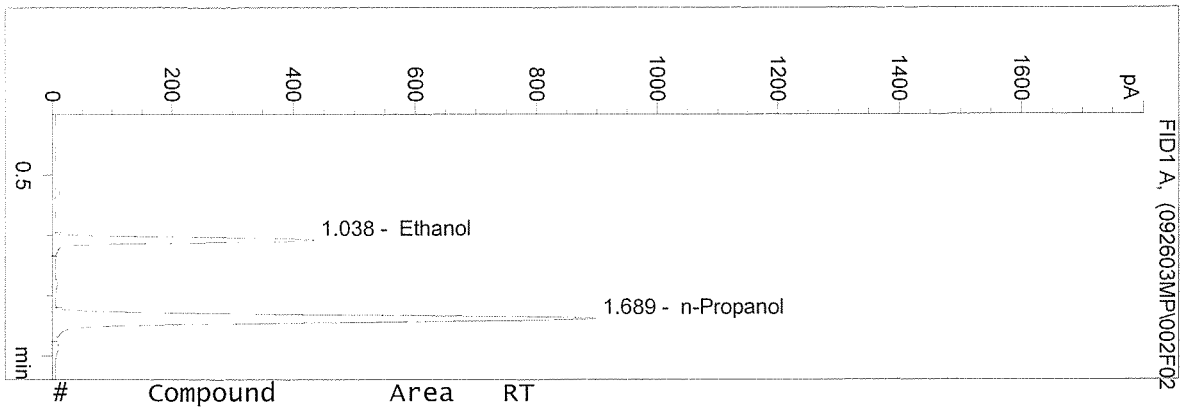
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/26/03 10:55:09 AM
nstrument 2
?-ALC1

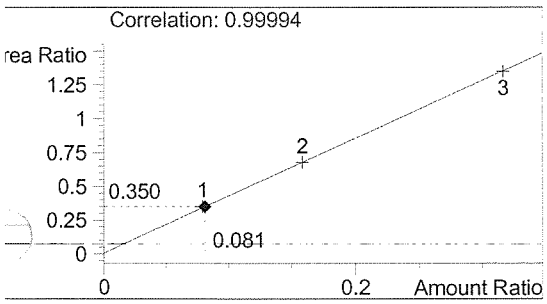
0.079 CAL
m pemberton

vial # 2

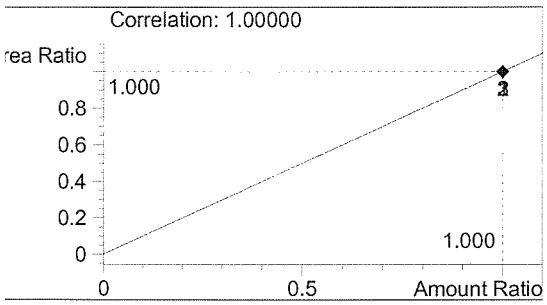


#	Compound	Area	RT
1	Ethanol	1329	1.038
2	n-Propanol	3792	1.689

Totals:



Ethanol 0.081 g/100ml



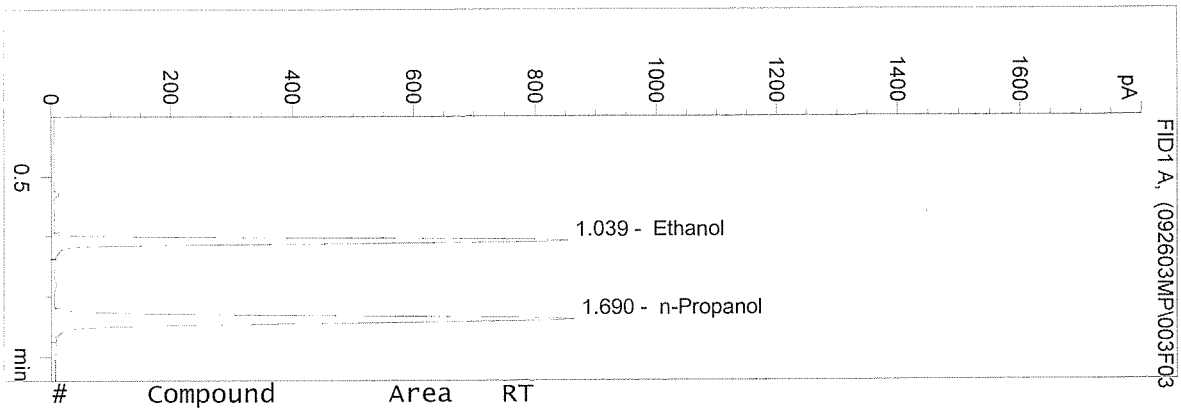
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'26/03 10:58:10 AM
ıstrument 2
'-ALC1

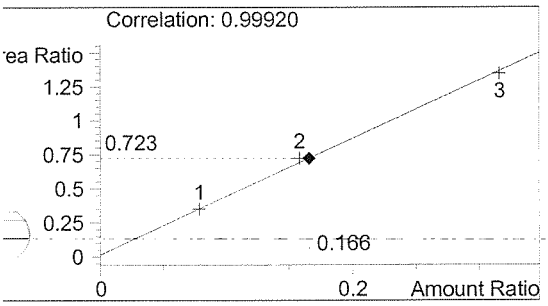
0.158 CAL
m pemberton

vial # 3

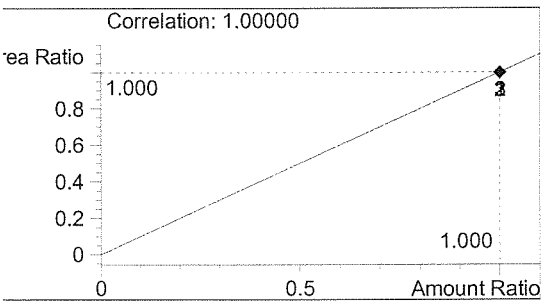


#	Compound	Area	RT
1	Ethanol	2634	1.039
2	n-Propanol	3641	1.690

Totals:



Ethanol 0.166 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
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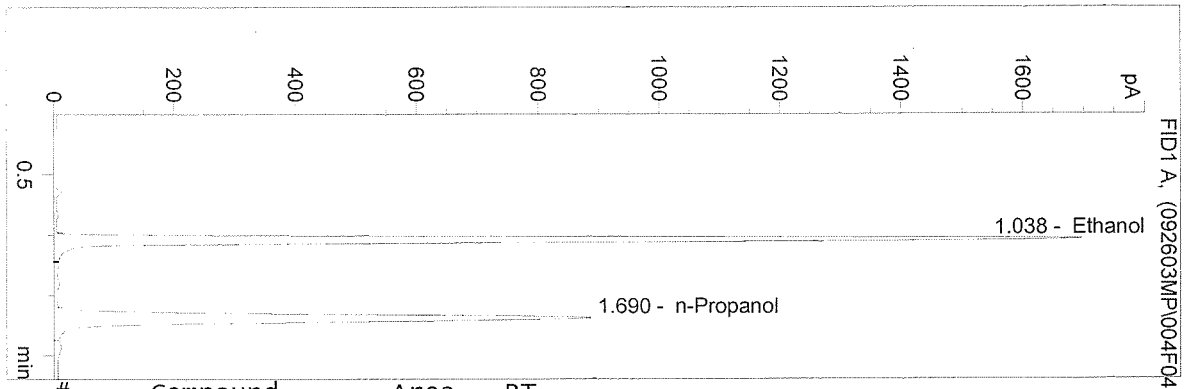
ıstrument 2
'-ALC1

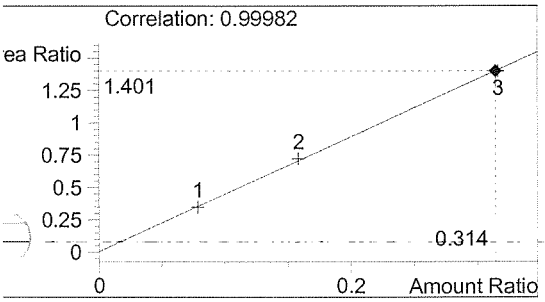
0.316 CAL
m pemberton

vial # 4

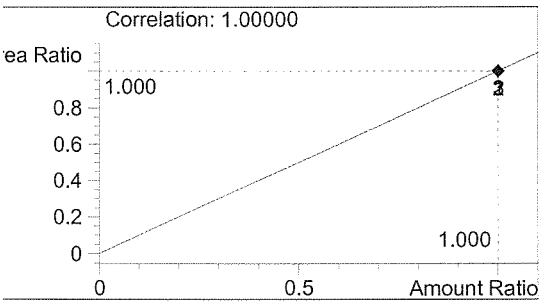


#	Compound	Area	RT
1	Ethanol	5237	1.038
2	n-Propanol	3738	1.690

Totals:



Ethanol 0.314 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	m pemberton
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	092603MP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Vial Information Part:

Line	Vial	Vial Information
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLK	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	03034 sim soln	BLDALCO2	1	Sample		
6	6	03034 sim soln	BLDALCO2	1	Sample		
7	7	03034 sim soln	BLDALCO2	1	Sample		
8	8	03034 sim soln	BLDALCO2	1	Sample		
9	9	03034 sim soln	BLDALCO2	1	Sample		
10	10	0.10 control	BLDALCO2	1	Ctrl Samp		
11	11	blk	BLDALCO2	1	Sample		

Calibration Part:

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

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

Quantification Part:

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	1	BLK				
2	2	0.079 CAL				
3	3	0.158 CAL				
4	4	0.316 CAL				
5	5	03034 sim soln				
6	6	03034 sim soln				
7	7	03034 sim soln				
8	8	03034 sim soln				
9	9	03034 sim soln				
10	10	0.10 control				
11	11	blk				

Sequence Table (Back Injector):

No entries - empty table!

Sequence Output Parameters:

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

Sequence Summary Parameters:

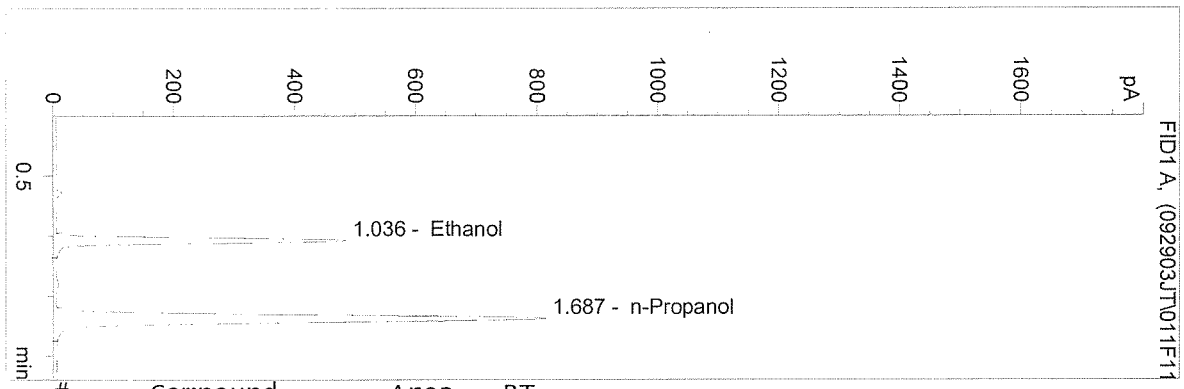
One page header: No
Print Configuration: No
Print Sequence: No
Print Logbook: No
Print Method(s): No
Print Analysis reports: No
Print Statistics for Calib. runs: No
Print Statistics for Sample runs: No
Summary style: Sample Summary

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/29/03 10:10:28 AM
ıstrument 2
3-ALC1

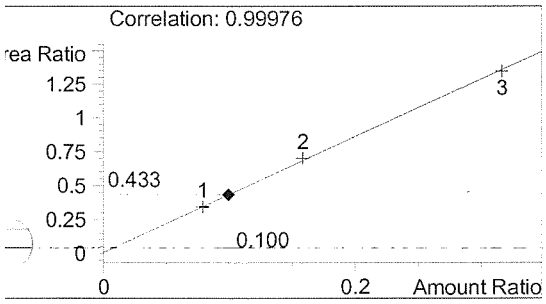
03034 Sim Soln
Jayne E. Thatcher

vial # 11

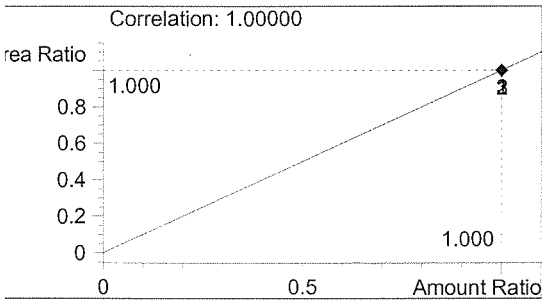


#	Compound	Area	RT
1	Ethanol	1486	1.036
2	n-Propanol	3430	1.687

Totals:



Ethanol 0.100 g/100ml



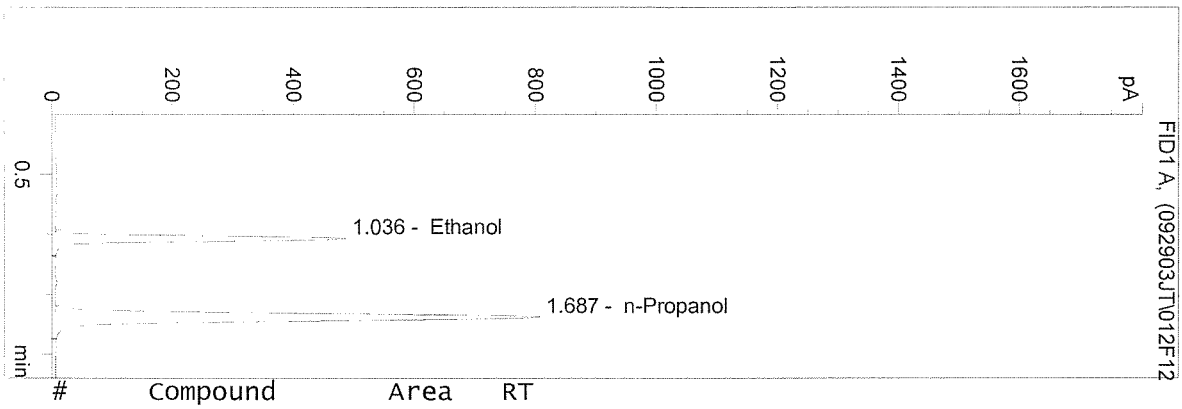
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/29/03 10:13:30 AM
nstrument 2
3-ALC1

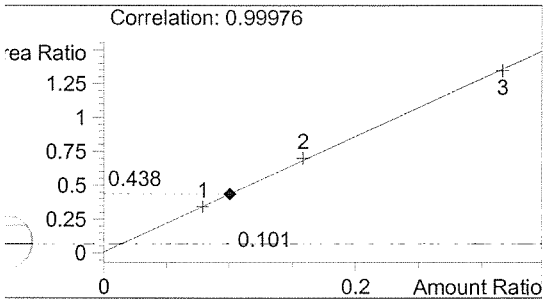
03034 Sim Soln
Jayne E. Thatcher

vial # 12

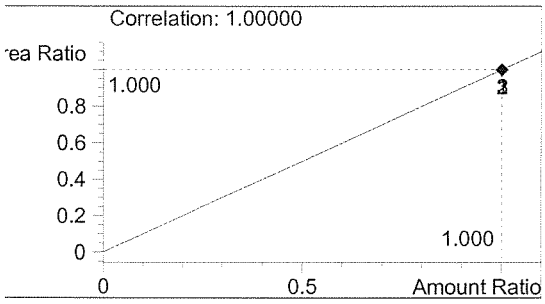


#	Compound	Area	RT
1	Ethanol	1489	1.036
2	n-Propanol	3398	1.687

Totals:



Ethanol 0.101 g/100ml



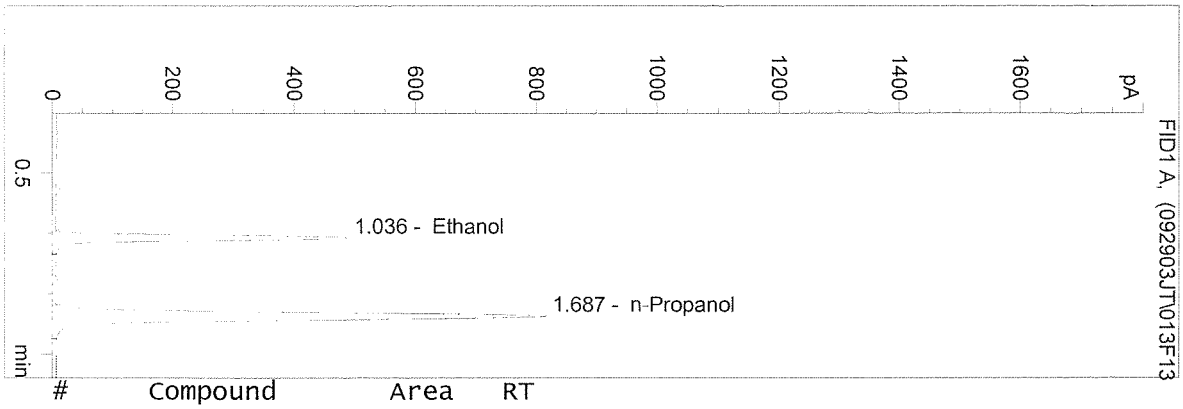
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/29/03 10:16:53 AM
ıstrument 2
ᵉ-ALC1

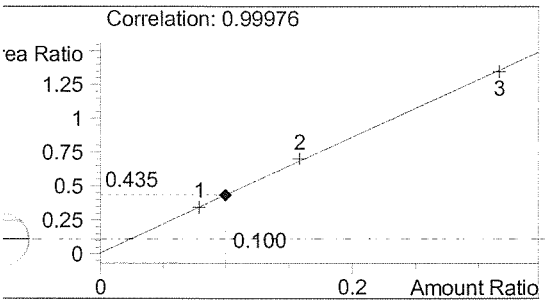
03034 Sim Soln
Jayne E. Thatcher

vial # 13

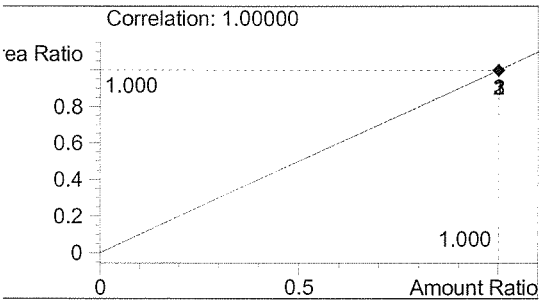


#	Compound	Area	RT
1	Ethanol	1499	1.036
2	n-Propanol	3447	1.687

Totals:



Ethanol 0.100 g/100ml



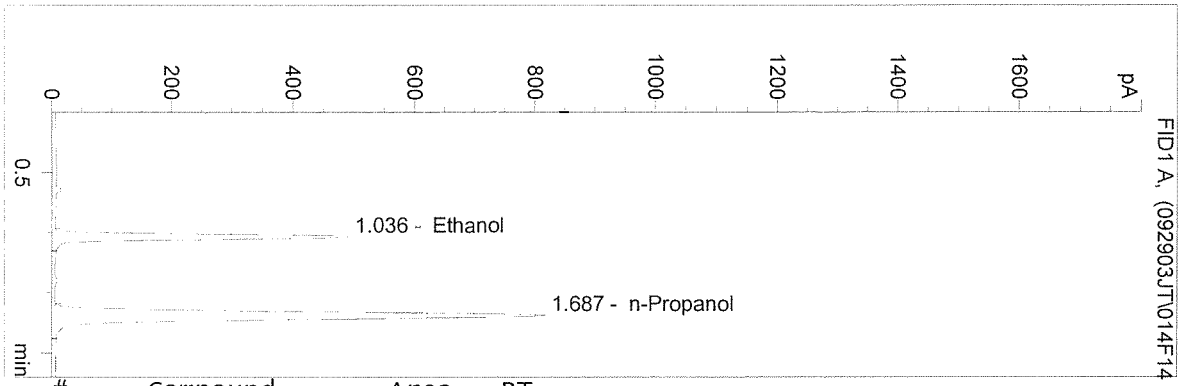
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/29/03 10:19:55 AM
nstrument 2
3-ALC1

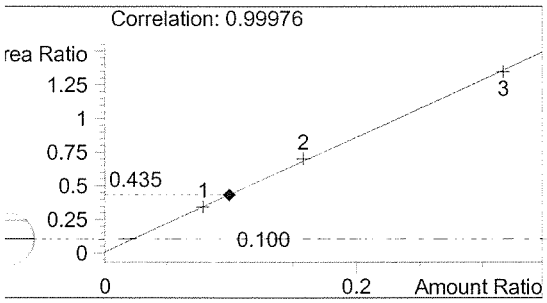
03034 Sim Soln
Jayne E. Thatcher

vial # 14

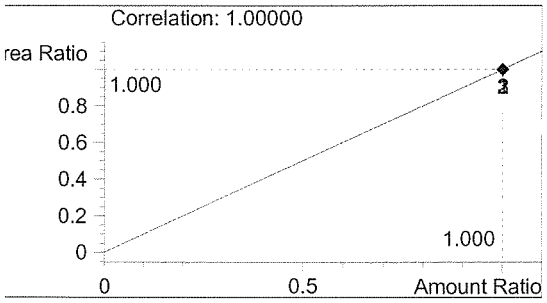


#	Compound	Area	RT
1	Ethanol	1495	1.036
2	n-Propanol	3440	1.687

Totals:



Ethanol 0.100 g/100ml



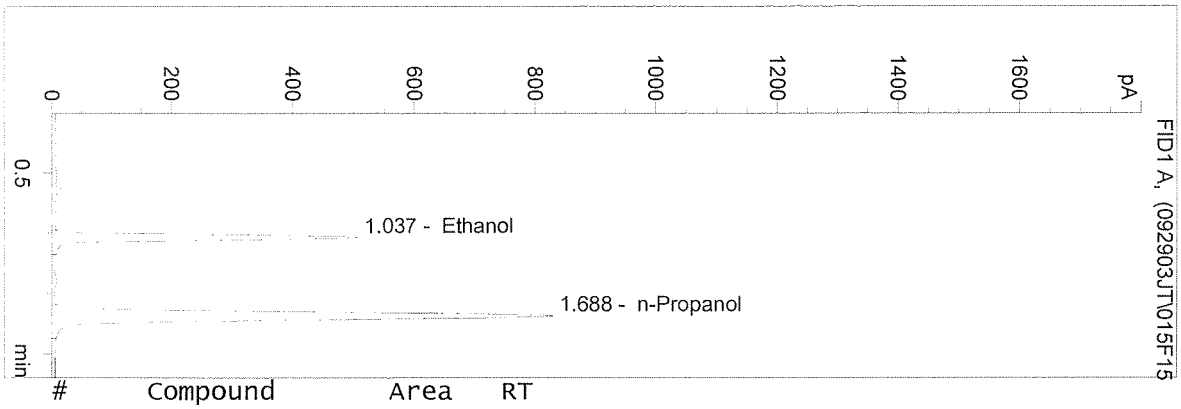
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
/29/03 10:22:57 AM
nstrument 2
R-ALC1

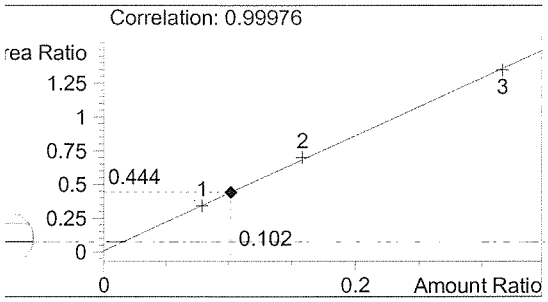
03034 Sim Soln
Jayne E. Thatcher

vial # 15

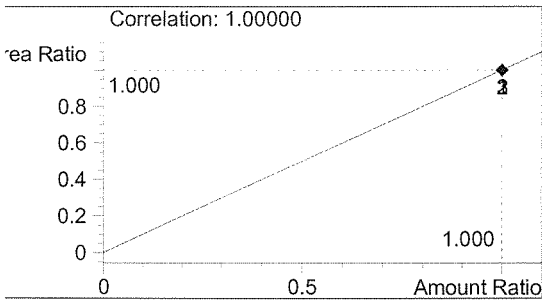


#	Compound	Area	RT
1	Ethanol	1555	1.037
2	n-Propanol	3502	1.688

Totals:



Ethanol 0.102 g/100ml



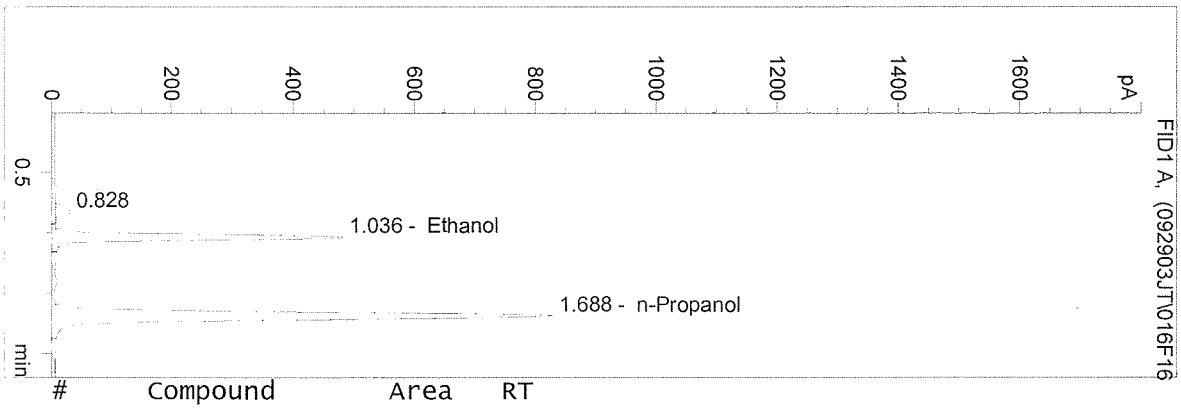
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

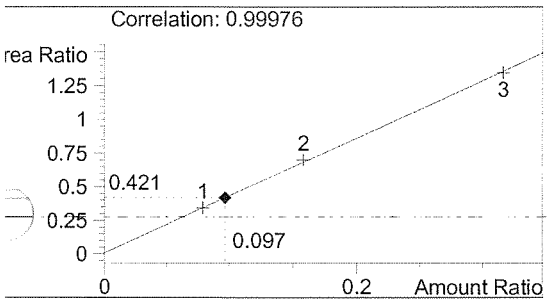
:\HPCHEM\2\METHODS\BLDALCO2.M
/29/03 10:25:59 AM
nstrument 2
3-ALC1

0.10 CONTROL
Jayne E. Thatcher

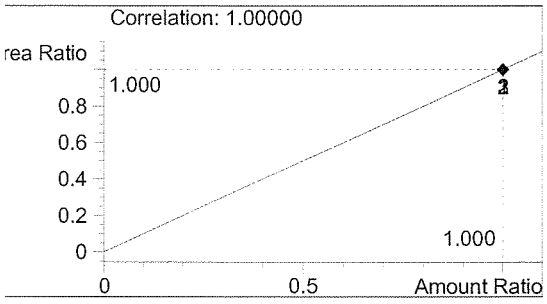
vial # 16



#	Compound	Area	RT
1		81	0.828
2	Ethanol	1466	1.036
3	n-Propanol	3485	1.688
Totals:			



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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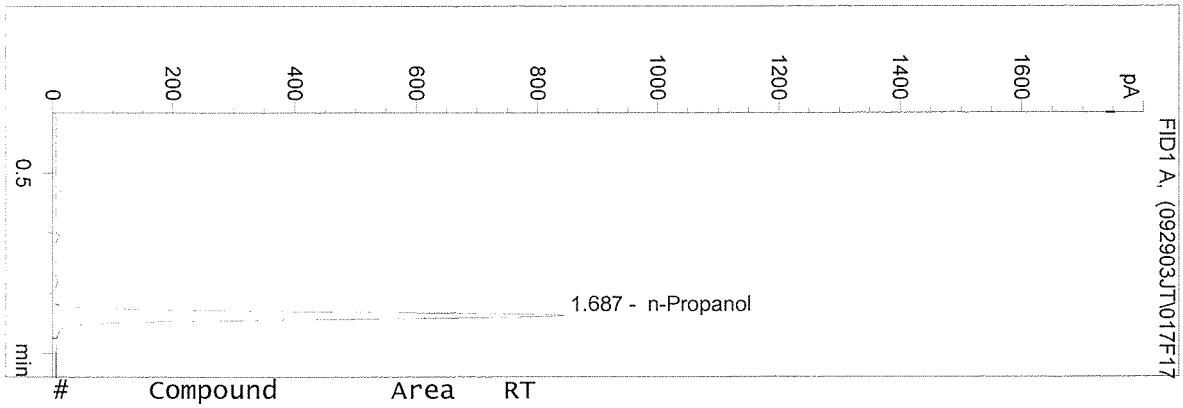
nstrument 2
?-ALC1

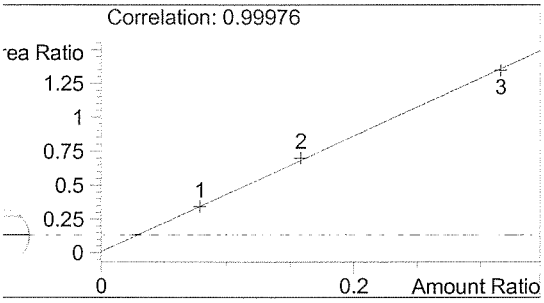
BLANK
Jayne E. Thatcher

vial # 17

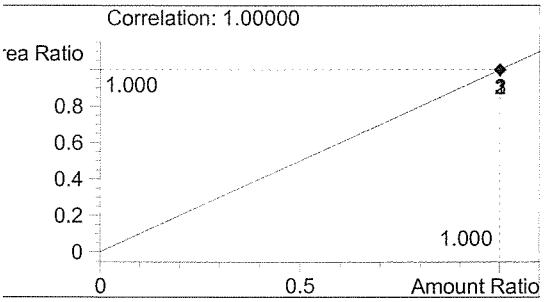


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3562	1.687

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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ıstrument 2
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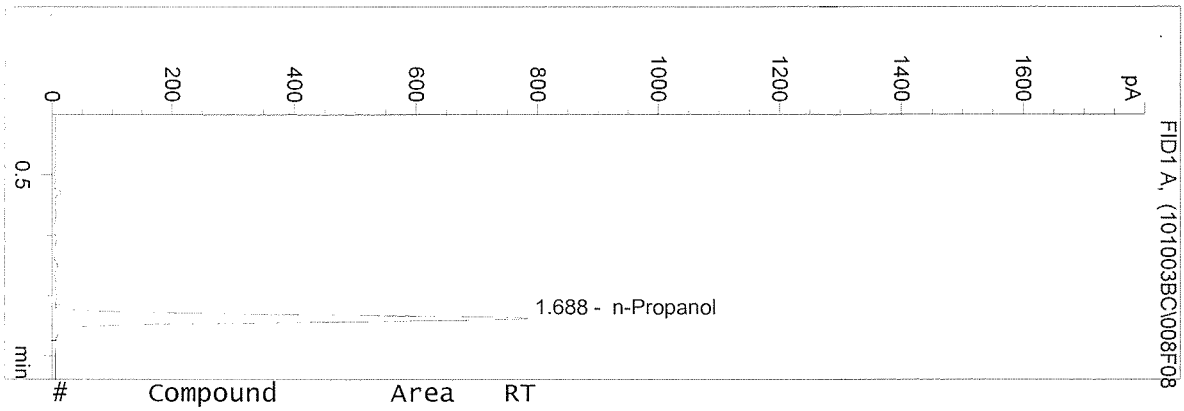
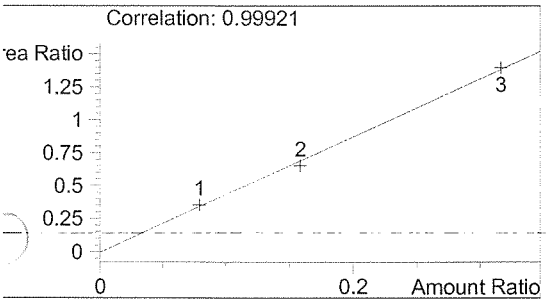
BLANK
BRIAN CAPRON

vial # 8

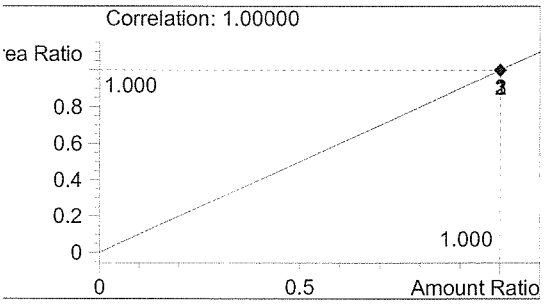


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3312	1.688

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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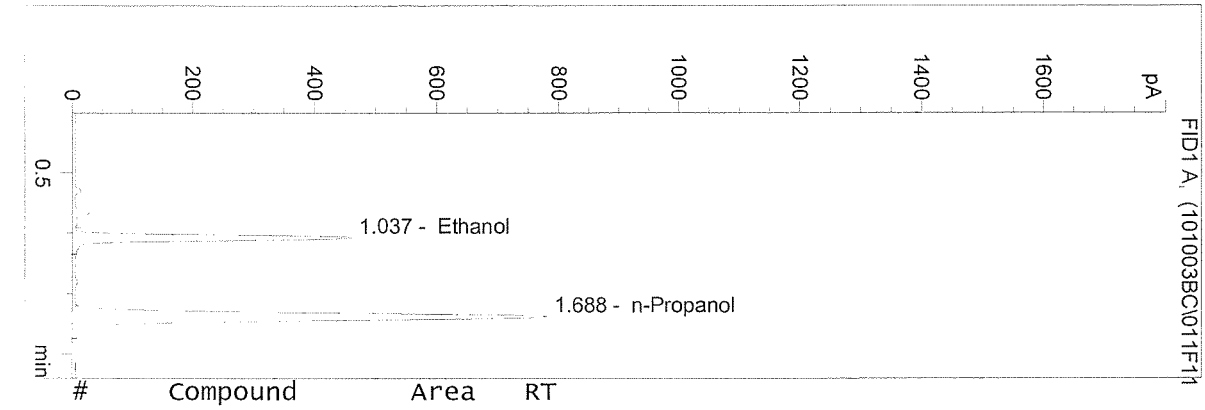
ıstrument 2
ℓ-ALC1

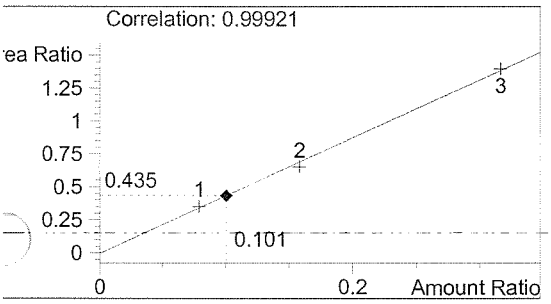
0.10 CONTROL
BRIAN CAPRON

vial # 11

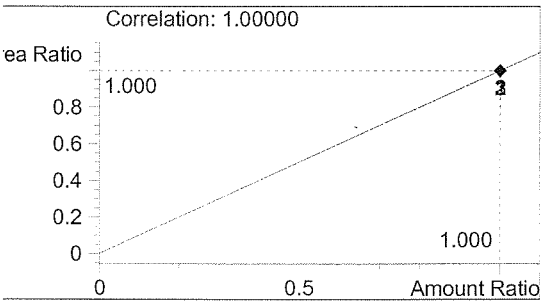


#	Compound	Area	RT
1	Ethanol	1440	1.037
2	n-Propanol	3309	1.688

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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ıstrument 2
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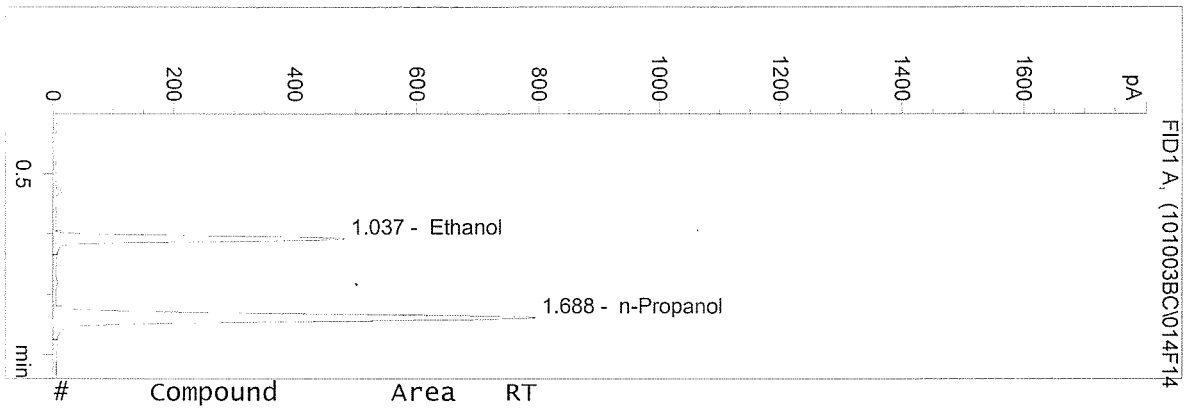
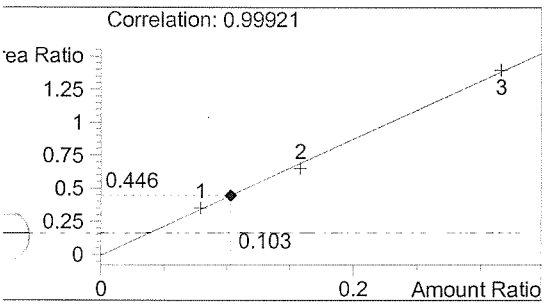
SIM 03034
BRIAN CAPRON

vial # 14

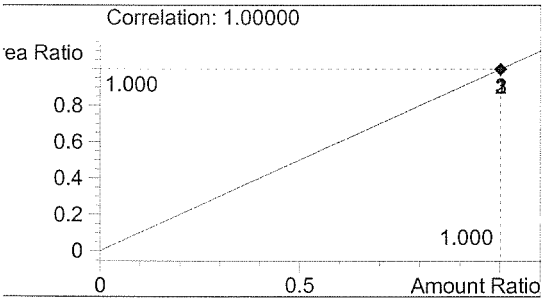


#	Compound	Area	RT
1	Ethanol	1499	1.037
2	n-Propanol	3358	1.688

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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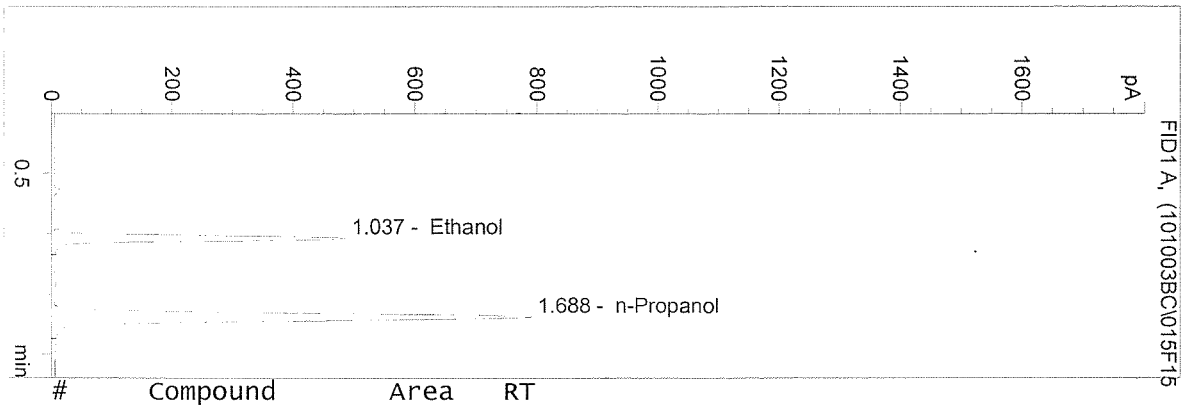
nstrument 2
3-ALC1

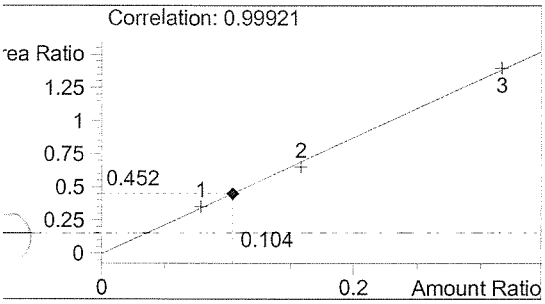
SIM 03034
BRIAN CAPRON

vial # 15

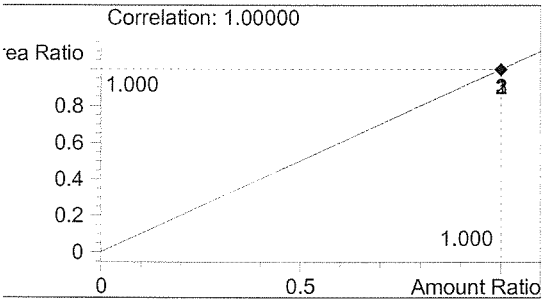


#	Compound	Area	RT
1	Ethanol	1509	1.037
2	n-Propanol	3340	1.688

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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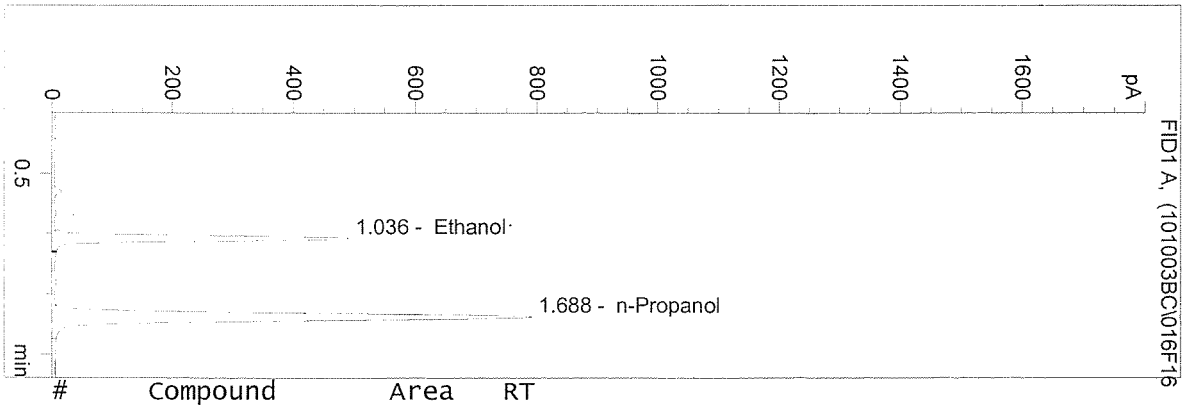
3-ALC1

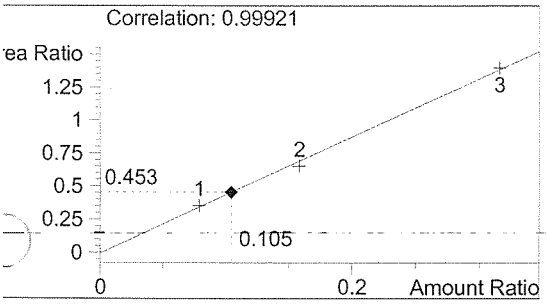
SIM 03034
BRIAN CAPRON

vial # 16

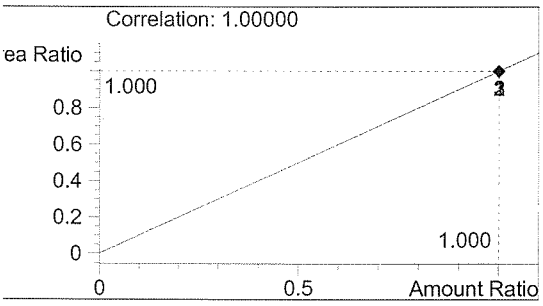


#	Compound	Area	RT
1	Ethanol	1513	1.036
2	n-Propanol	3340	1.688

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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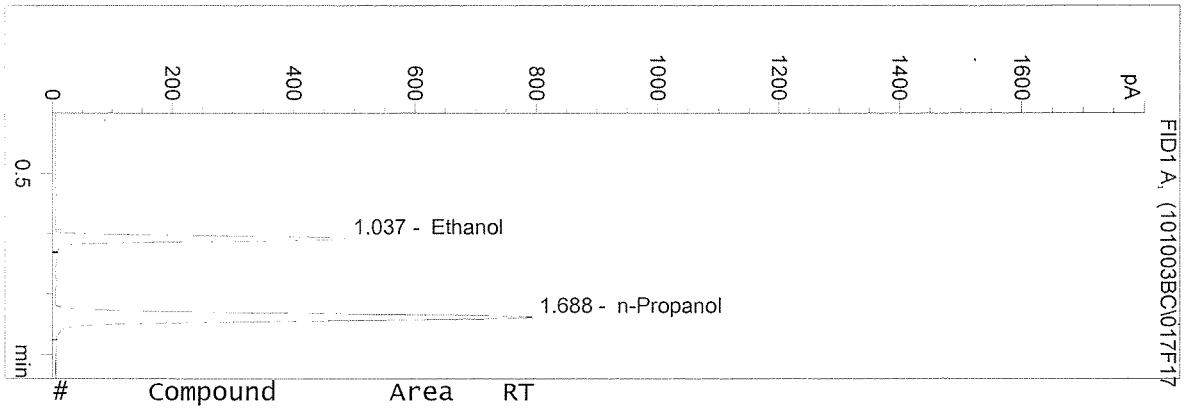
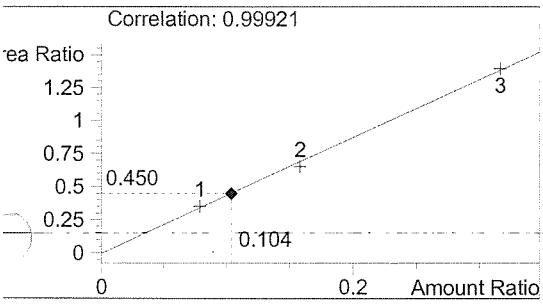
SIM 03034
BRIAN CAPRON

vial # 17

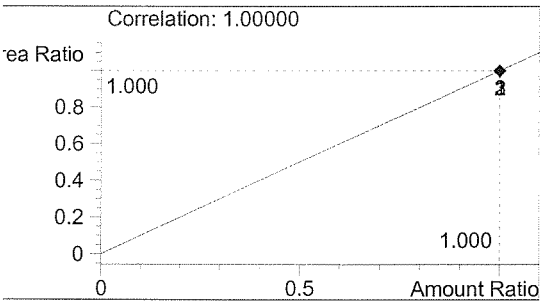


#	Compound	Area	RT
1	Ethanol	1510	1.037
2	n-Propanol	3355	1.688

Totals:



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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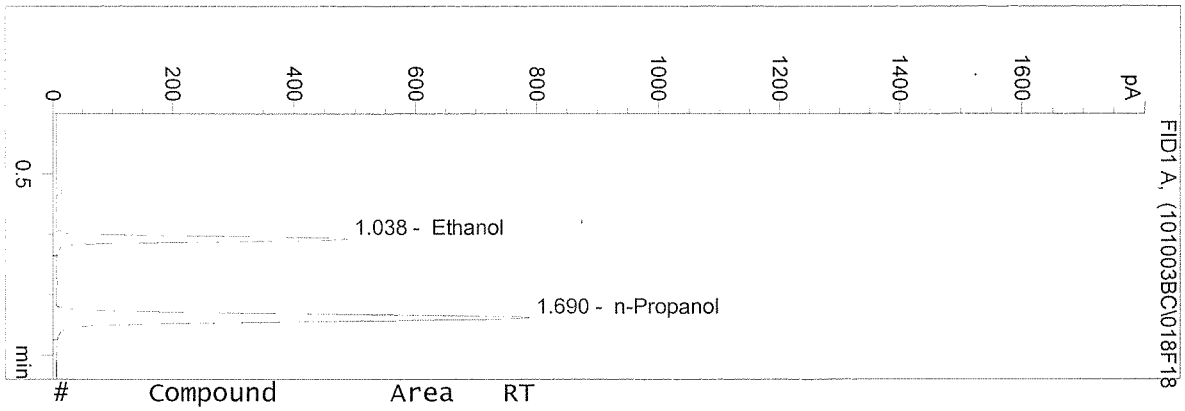
3-ALC1

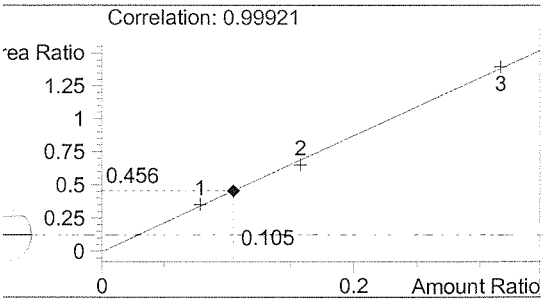
SIM 03034
BRIAN CAPRON

vial # 18

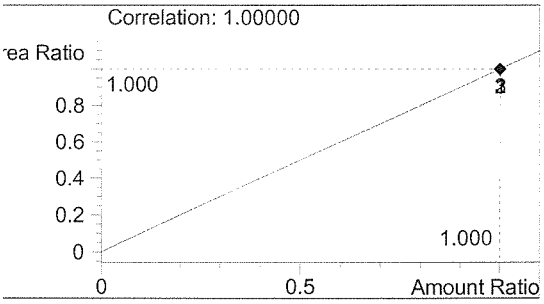


#	Compound	Area	RT
1	Ethanol	1520	1.038
2	n-Propanol	3335	1.690

Totals:



Ethanol 0.105 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	Kari D. Gruendell
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	101003S
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Sample		
6	6	0.04 MIX	VOL	1	Calib		
7	7	0.08 MIX	VOL	1	Calib		
8	8	BLANK	BLDALCO2	1	Sample		
9	9	0.02 STD	BLDALCO2	1	Sample		
10	10	0.04 CAP	BLDALCO2	1	Ctrl Samp		
11	11	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
12	12	0.20 CONTROL	BLDALCO2	1	Ctrl Samp		
13	13	BLANK	BLDALCO2	1	Sample		
14	14	SIM 03034	BLDALCO2	1	Sample		
15	15	SIM 03034	BLDALCO2	1	Sample		
16	16	SIM 03034	BLDALCO2	1	Sample		
17	17	SIM 03034	BLDALCO2	1	Sample		
18	18	SIM 03034	BLDALCO2	1	Sample		
19	19	0.10 CONTROL	BLDALCO2	1	Sample		
20	20	BLANK	BLDALCO2	1	Sample		
21	21	SIM 03035	BLDALCO2	1	Sample		
22	22	SIM 03035	BLDALCO2	1	Sample		
23	23	SIM 03035	BLDALCO2	1	Sample		
24	24	SIM 03035	BLDALCO2	1	Sample		
25	25	SIM 03035	BLDALCO2	1	Sample		
26	26	0.10 CONTROL	BLDALCO2	1	Sample		
27	27	BLANK	BLDALCO2	1	Sample		

Sequence Table (Back Injector):

No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

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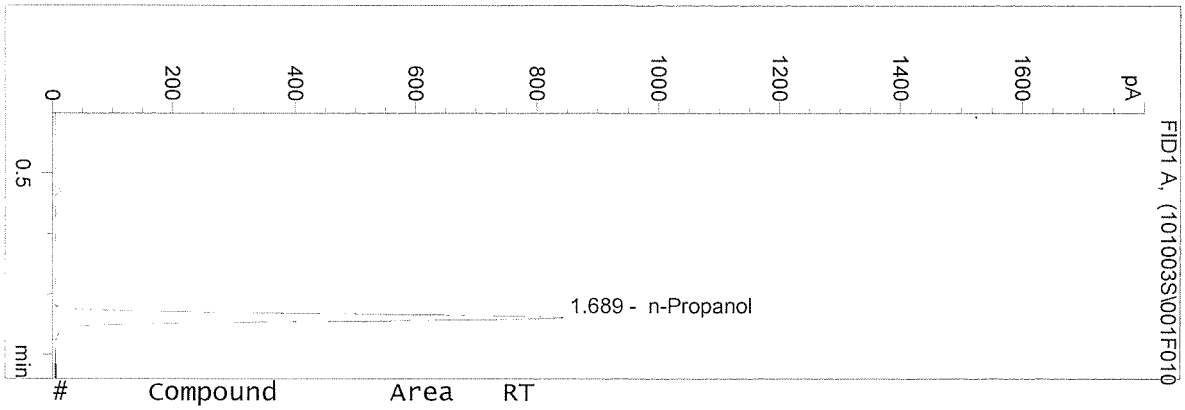
nstrument 2
3-ALC1

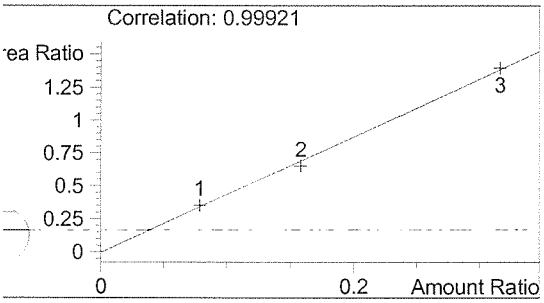
BLANK
Kari D. Gruendell

vial # 1

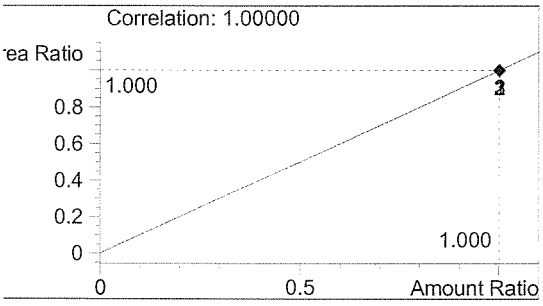


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3565	1.689

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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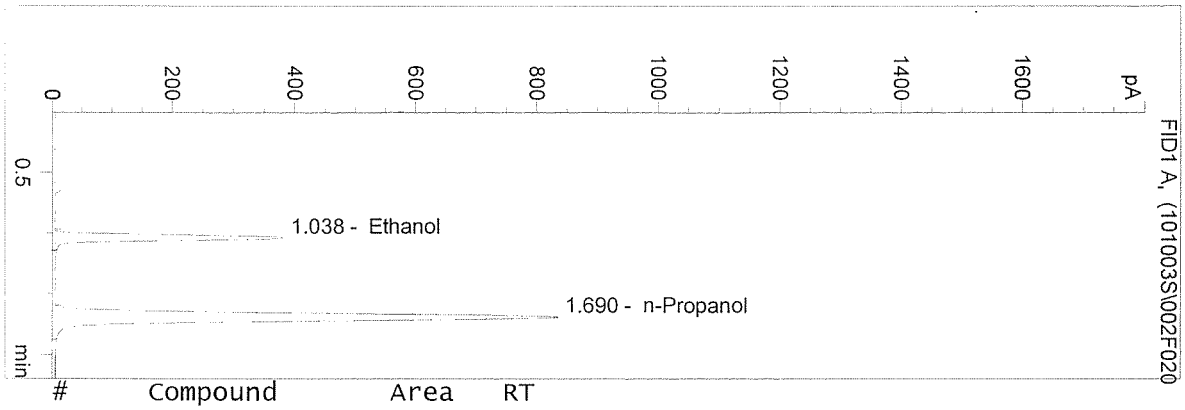
ıstrument 2
ɜ-ALC1

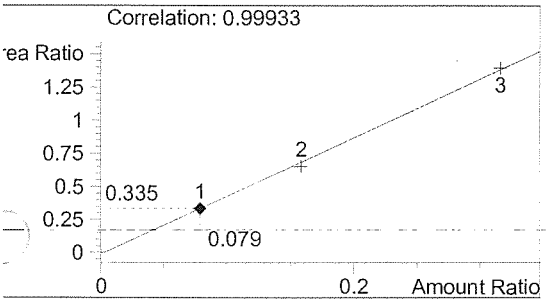
0.079 CAL
Kari D. Gruendell

vial # 2

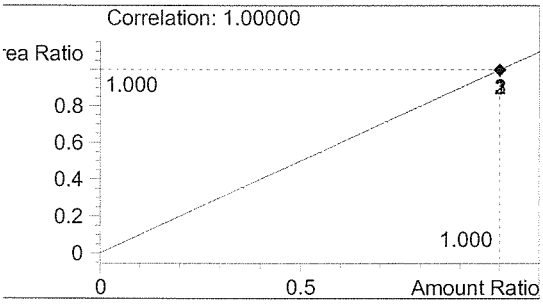


#	Compound	Area	RT
1	Ethanol	1188	1.038
2	n-Propanol	3543	1.690

Totals:



Ethanol 0.079 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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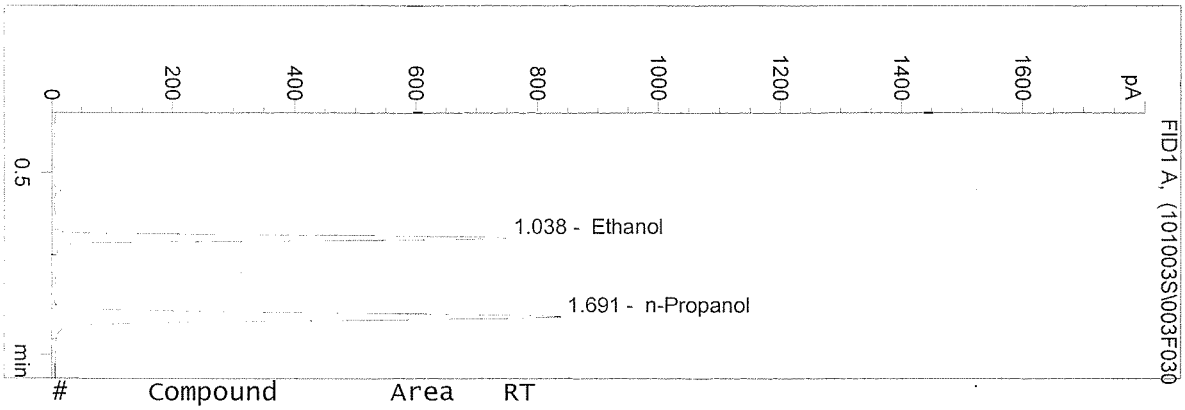
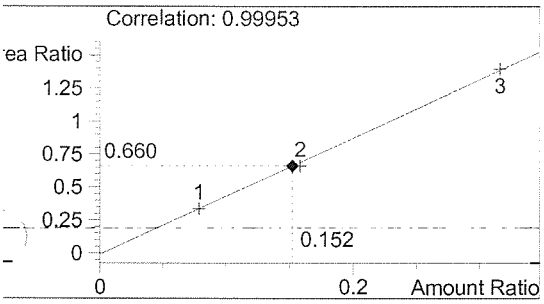
ℝ-ALC1

0.158 CAL
Kari D. Gruendell

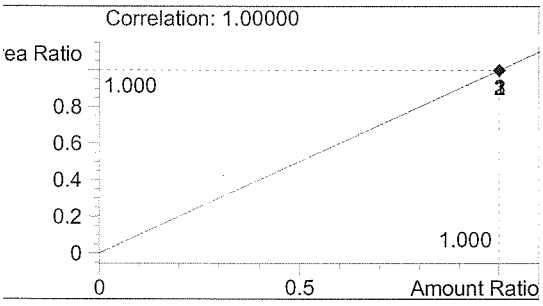
vial # 3



#	Compound	Area	RT
1	Ethanol	2346	1.038
2	n-Propanol	3554	1.691
Totals:			



Ethanol 0.152 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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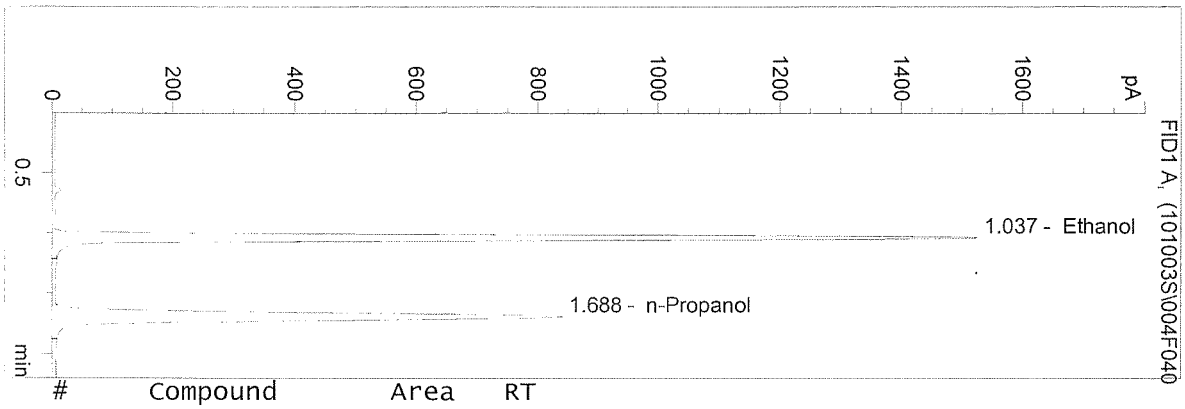
ıstrument 2
ᴣ-ALC1

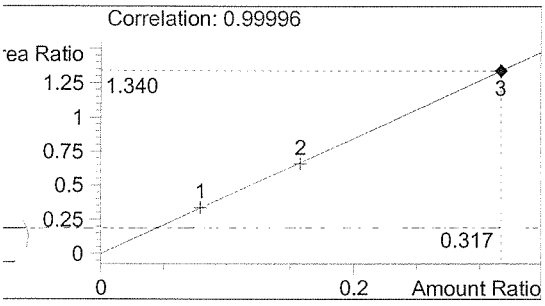
0.316 CAL
Kari D. Gruendell

vial # 4

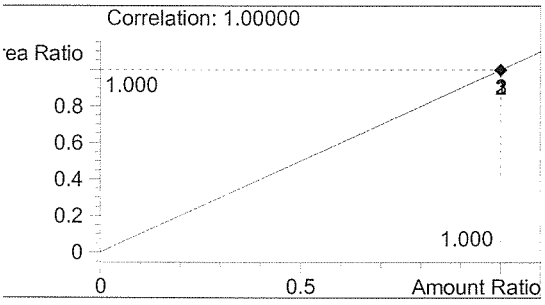


#	Compound	Area	RT
1	Ethanol	4764	1.037
2	n-Propanol	3556	1.688

Totals:



Ethanol 0.317 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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ıstrument 2
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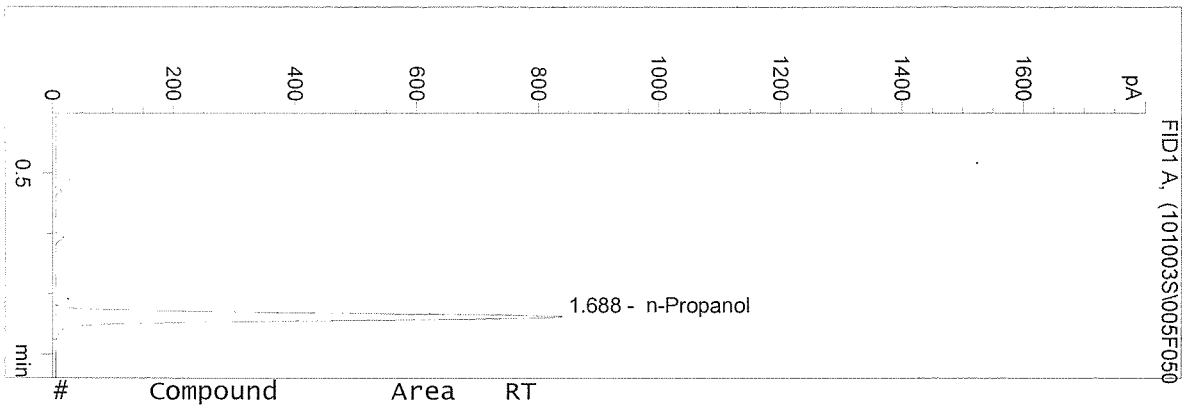
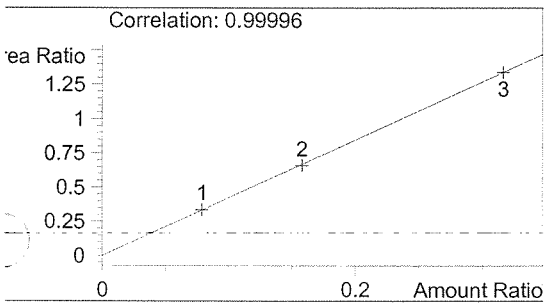
BLANK
Kari D. Gruendell

vial # 5

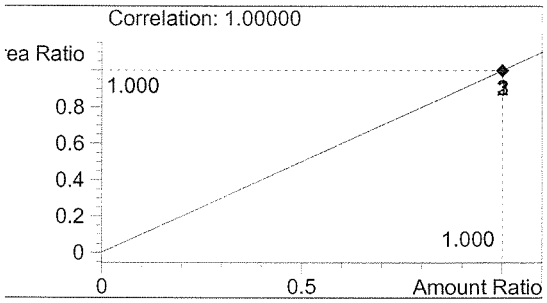


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3551	1.688

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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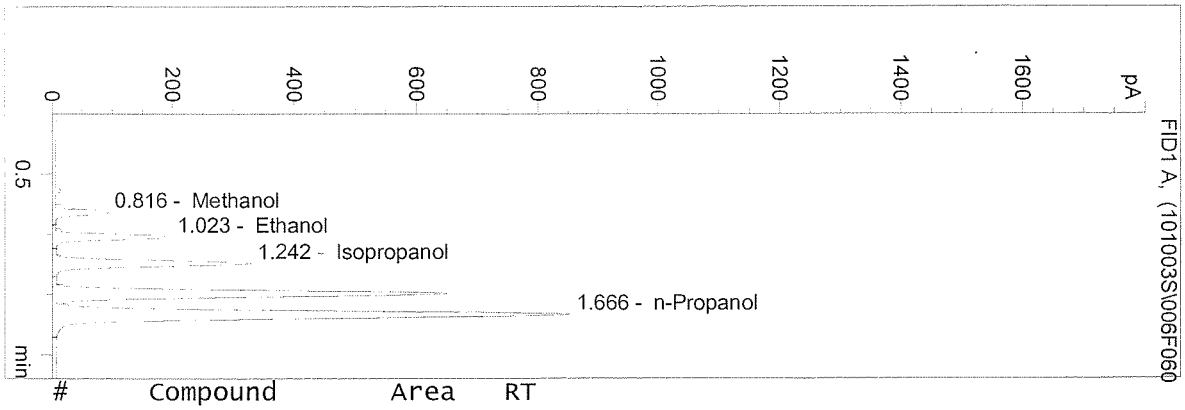
ıstrument 2
3-ALC1

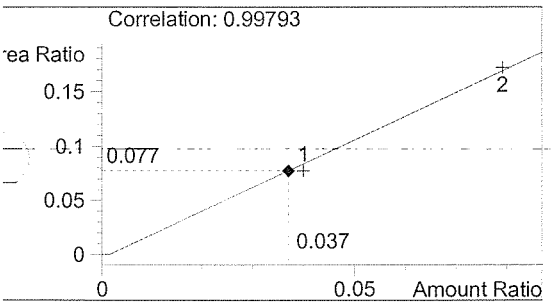
0.04 MIX
Kari D. Gruendell

vial # 6

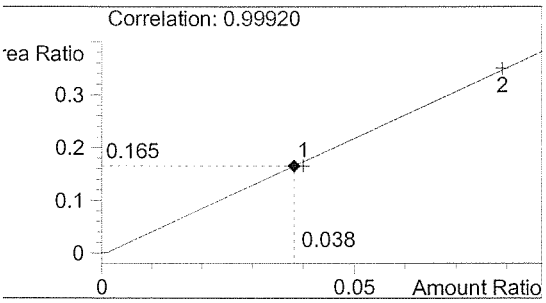


#	Compound	Area	RT
1	Methanol	278	0.816
2	Ethanol	592	1.023
3	Isopropanol	1110	1.242
4	Acetone	2390	1.492
5	n-Propanol	3581	1.666

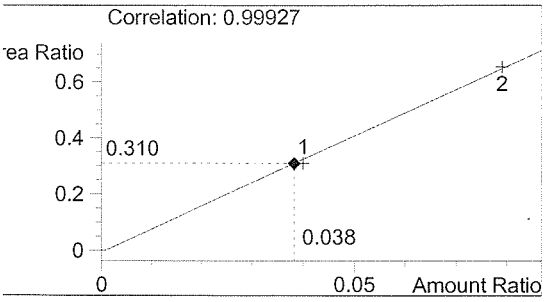
Totals:



Methanol 0.037 g/100ml



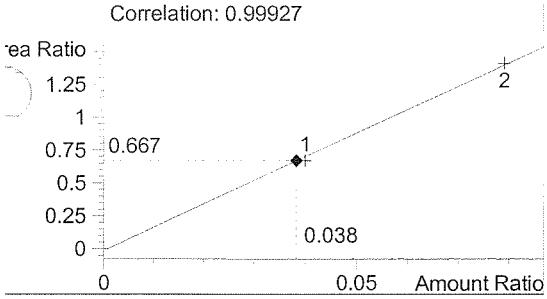
Ethanol 0.038 g/100ml



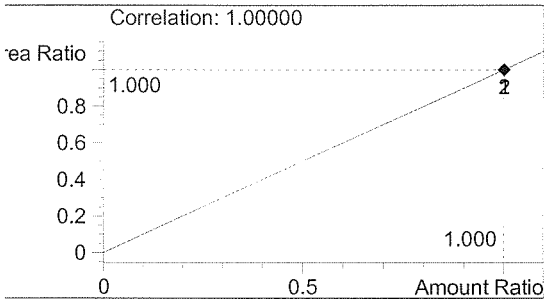
Isopropanol 0.038 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\VOL.M



Acetone 0.038 g/100ml



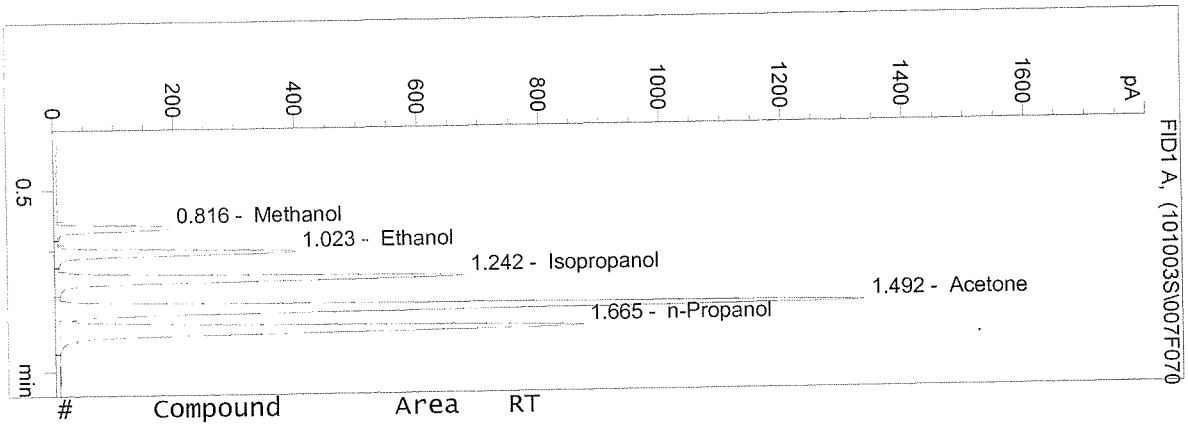
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\VOL.M
/10/03 4:19:57 PM
strument 2
-ALC1

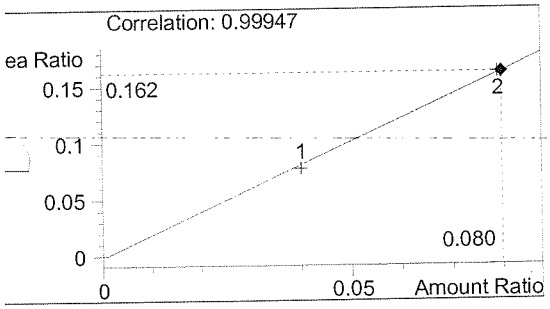
0.08 MIX
Kari D. Gruendell

vial # 7

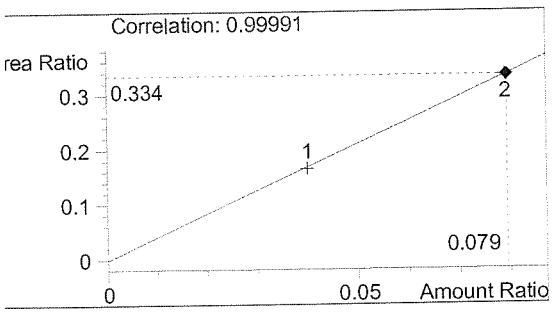


#	Compound	Area	RT
1	Methanol	595	0.816
2	Ethanol	1225	1.023
3	Isopropanol	2320	1.242
4	Acetone	4961	1.492
5	n-Propanol	3670	1.665

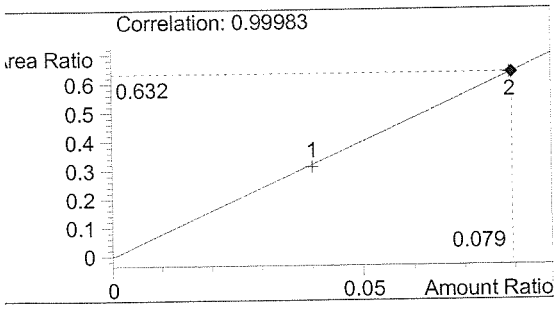
Totals:



Methanol 0.080 g/100ml



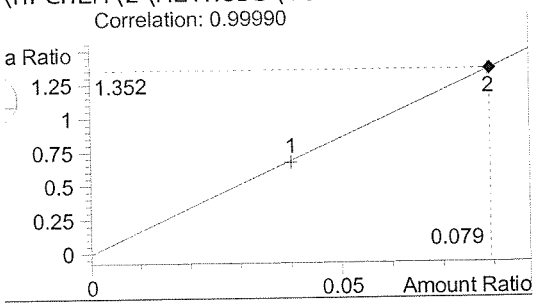
Ethanol 0.079 g/100ml



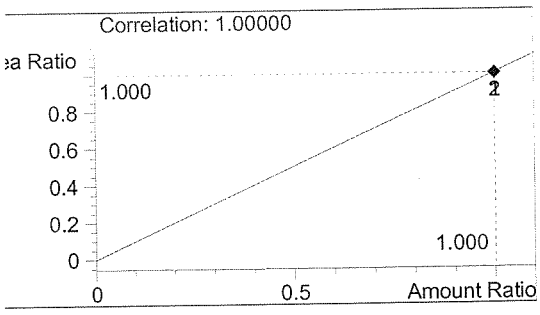
Isopropanol 0.079 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\VOL.M



Acetone 0.079 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

HPCHEM\2\METHODS\BLDALCO2.M
10/03 4:23:10 PM
trument 2
ALC1

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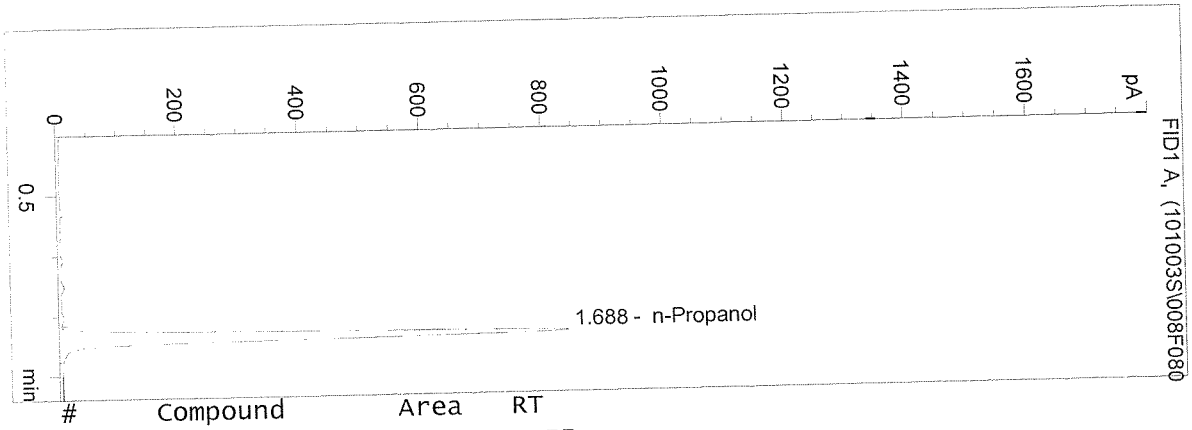
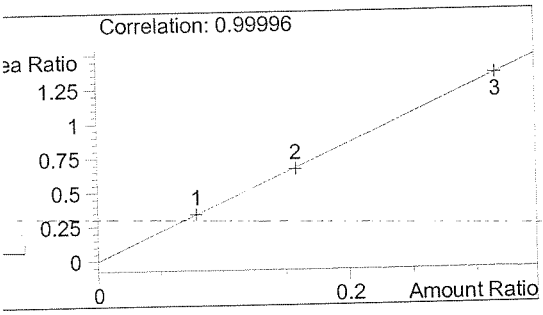
Kari D. Gruendell

vial # 8

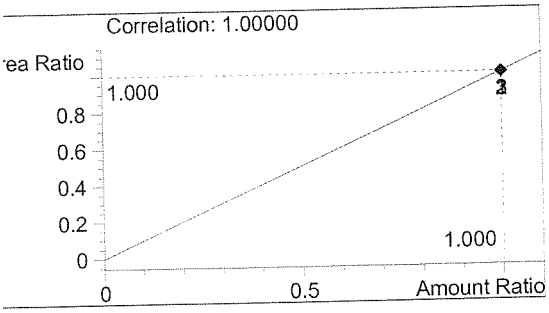


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3563	1.688

Totals:



Ethanol 0.000 g/100ml



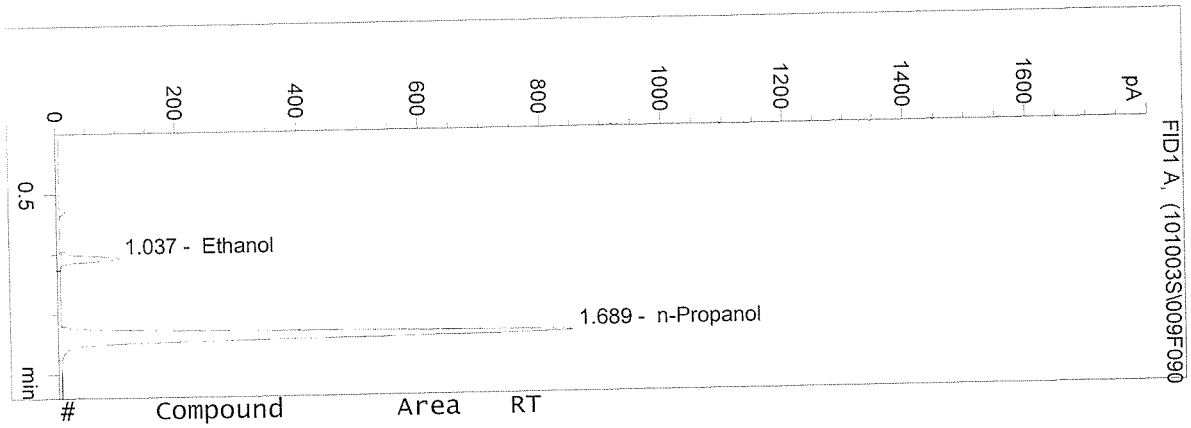
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

HPCHEM\2\METHODS\BLDALCO2.M
10/03 4:26:29 PM
trument 2
ALC1

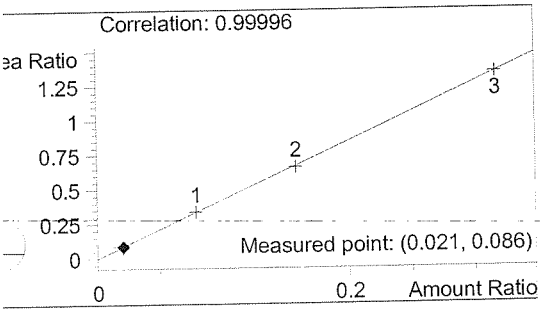
0.02 STD
Kari D. Gruendell

vial # 9

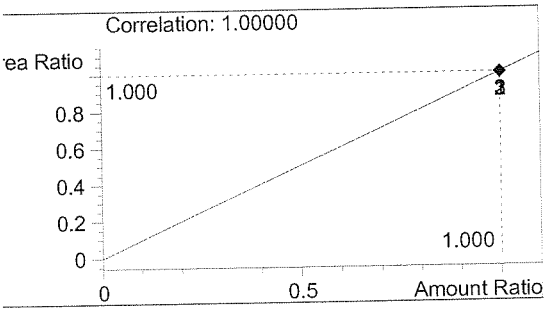


#	Compound	Area	RT
1	Ethanol	311	1.037
2	n-Propanol	3606	1.689

Totals:



Ethanol 0.021 g/100ml



n-Propanol 1.000 g/100ml

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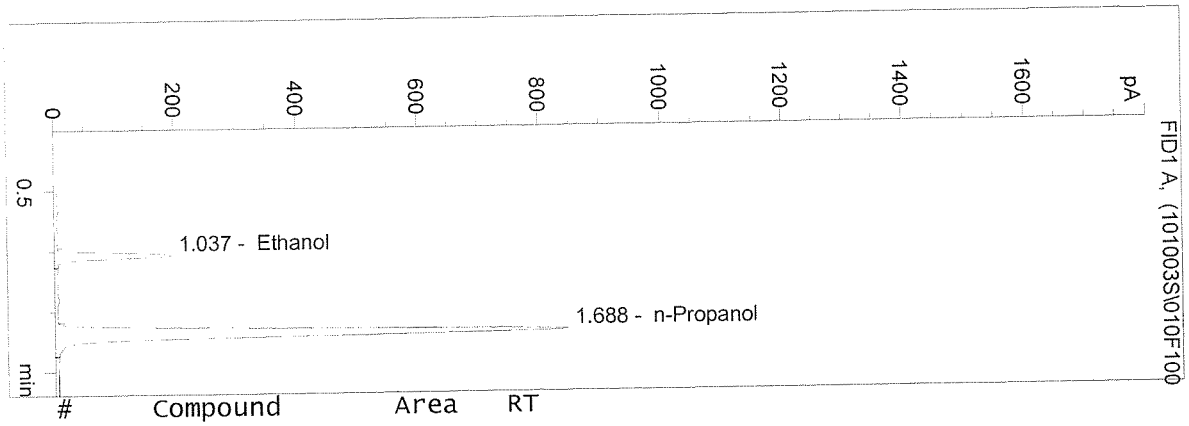
\HPCHEM\2\METHODS\BLDALCO2.M
'10/03 4:29:31 PM
strument 2
-ALC1

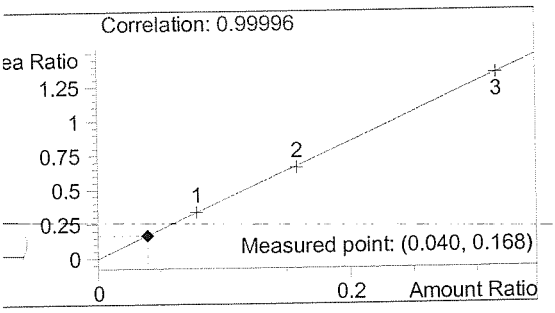
0.04 CAP
Kari D. Gruendell

vial # 10

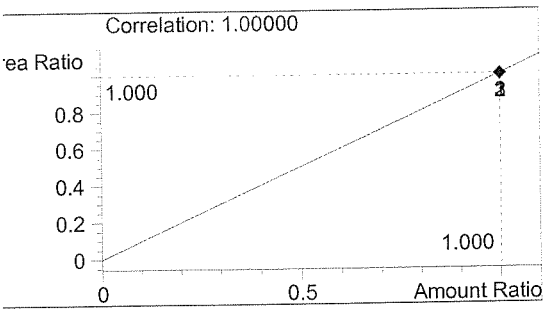


#	Compound	Area	RT
1	Ethanol	599	1.037
2	n-Propanol	3572	1.688

Totals:



Ethanol 0.040 g/100ml



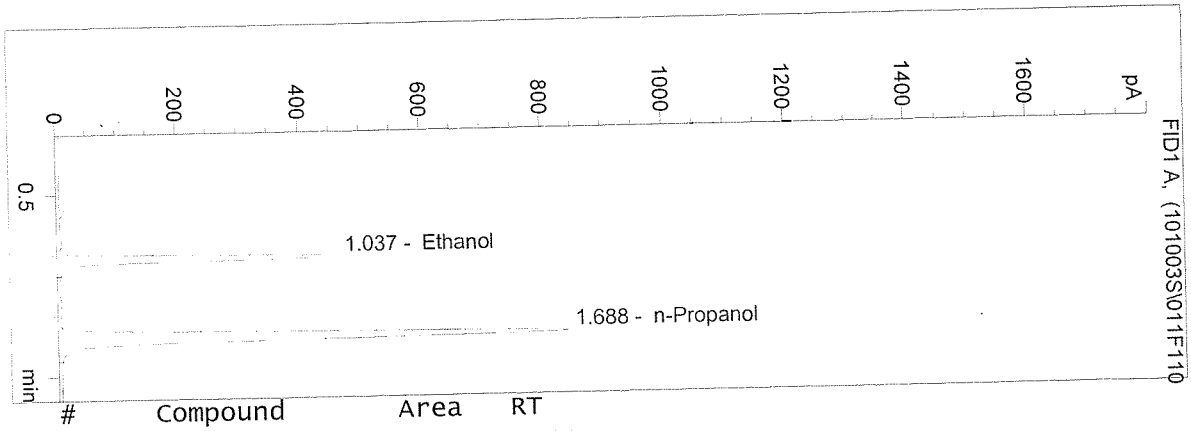
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

HPCHEM\2\METHODS\BLDALCO2.M
10/03 4:32:35 PM
trument 2
ALC1

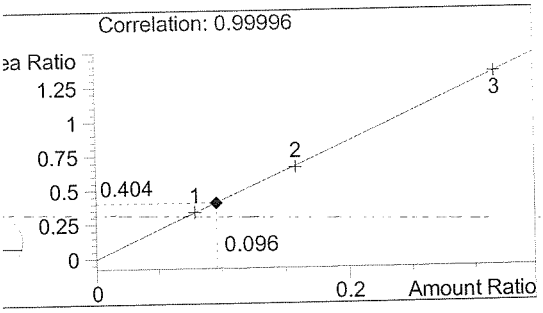
0.10 CONTROL
Kari D. Gruendell

vial # 11

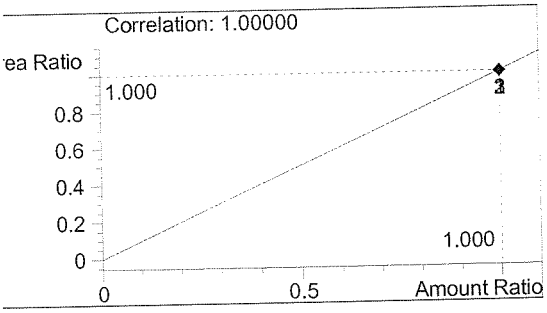


#	Compound	Area	RT
1	Ethanol	1443	1.037
2	n-Propanol	3568	1.688

Totals:



Ethanol 0.096 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

HPCHEM\2\METHODS\BLDALCO2.M
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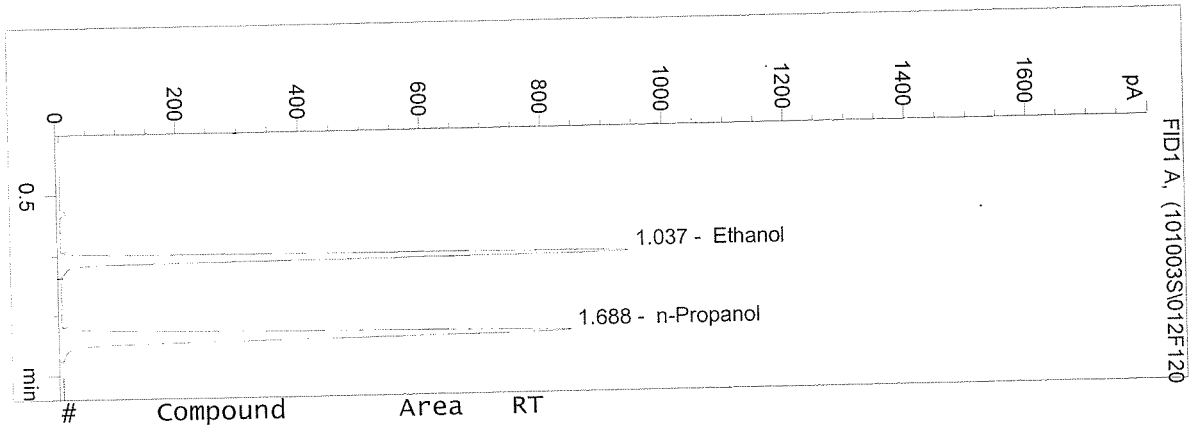
trument 2
ALC1

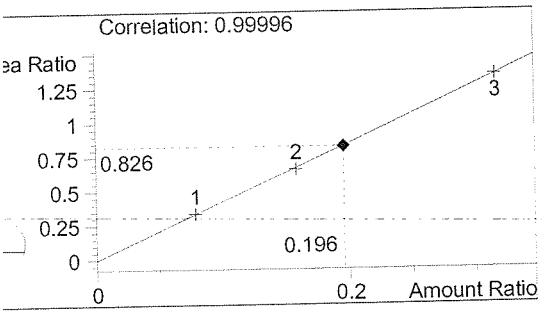
0.20 CONTROL
Kari D. Gruendell

vial # 12

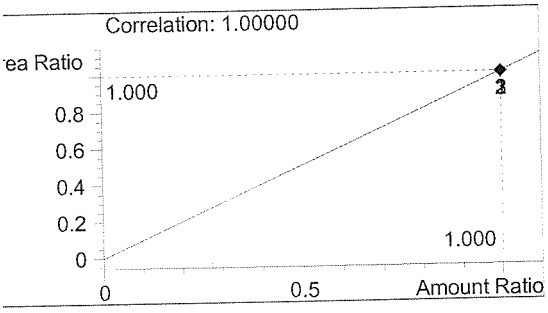


#	Compound	Area	RT
1	Ethanol	2960	1.037
2	n-Propanol	3582	1.688

Totals:



Ethanol 0.196 g/100ml



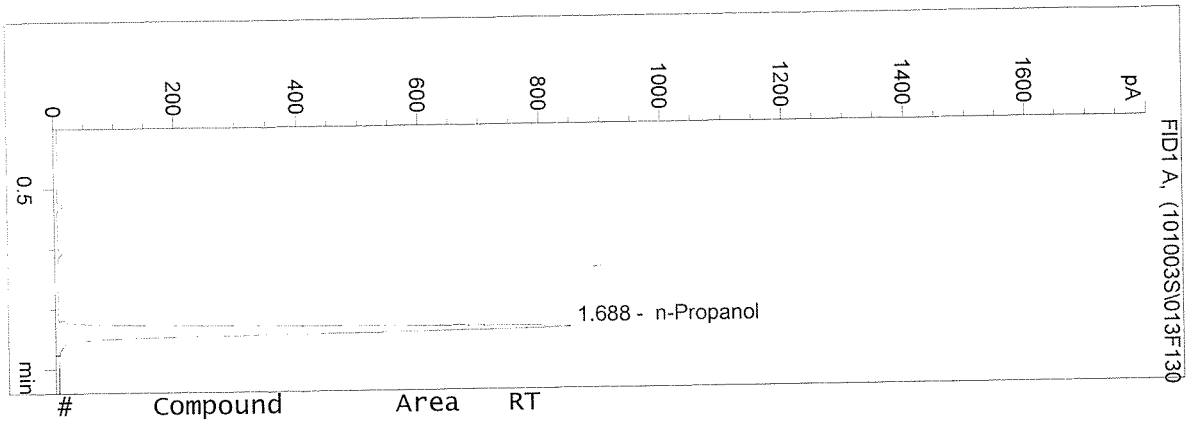
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'10/03 4:38:55 PM
strument 2
-ALC1

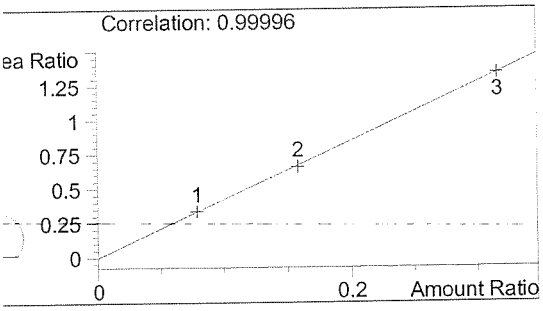
BLANK
Kari.D. Gruendell

vial # 13

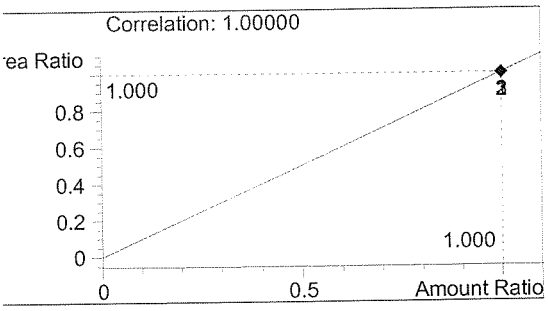


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3596	1.688

Totals:



Ethanol 0.000 g/100ml



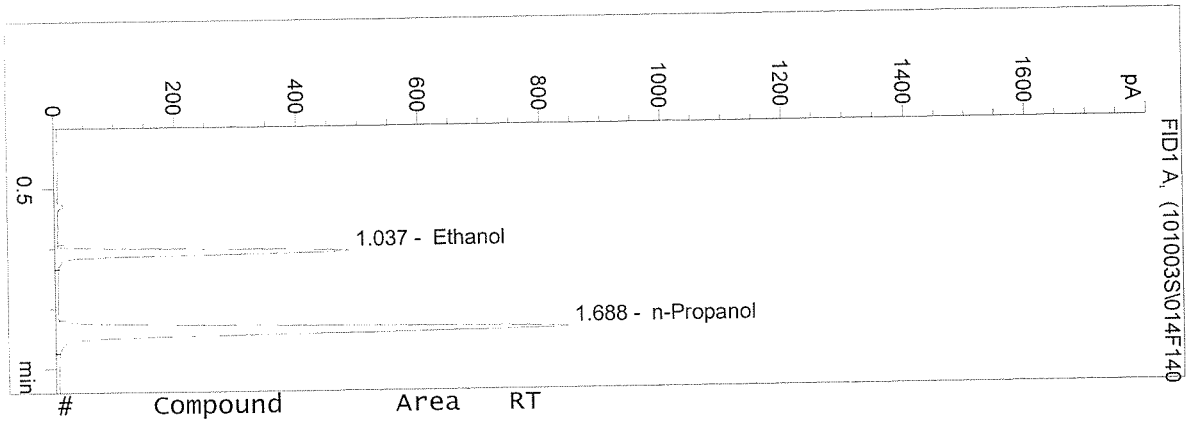
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
/10/03 4:41:59 PM
strument 2
-ALC1

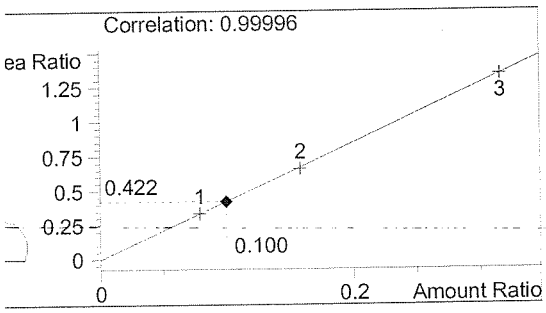
SIM 03034
Kari D. Gruendell

vial # 14

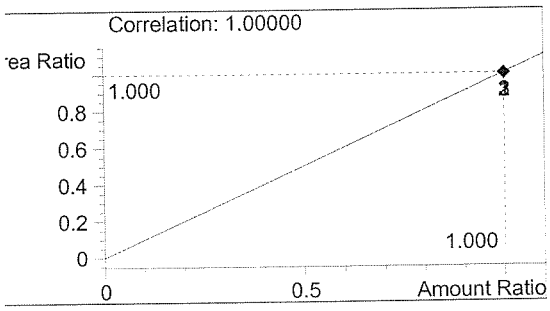


#	Compound	Area	RT
1	Ethanol	1504	1.037
2	n-Propanol	3566	1.688

Totals:



Ethanol 0.100 g/100ml



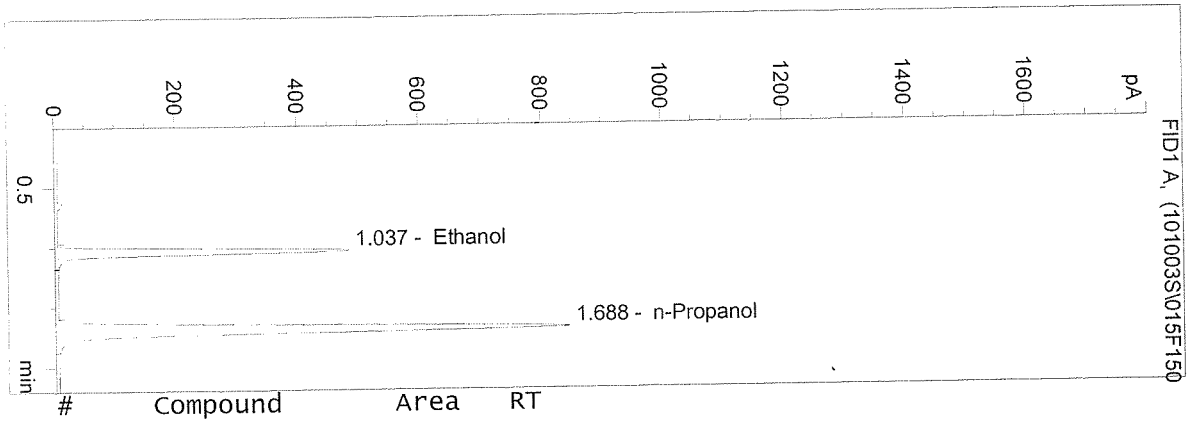
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
/10/03 4:45:11 PM
strument 2
-ALC1

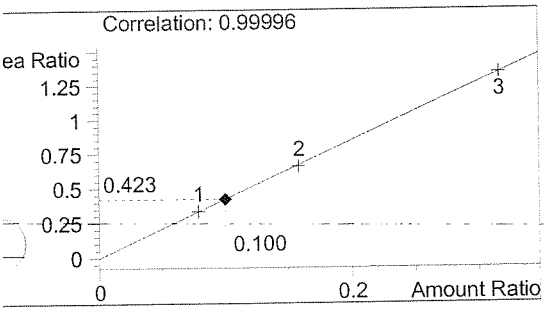
SIM 03034
Kari D. Gruendell

vial # 15

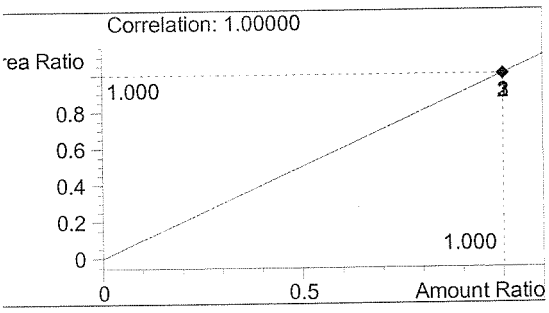


#	Compound	Area	RT
1	Ethanol	1516	1.037
2	n-Propanol	3581	1.688

Totals:



Ethanol 0.100 g/100ml



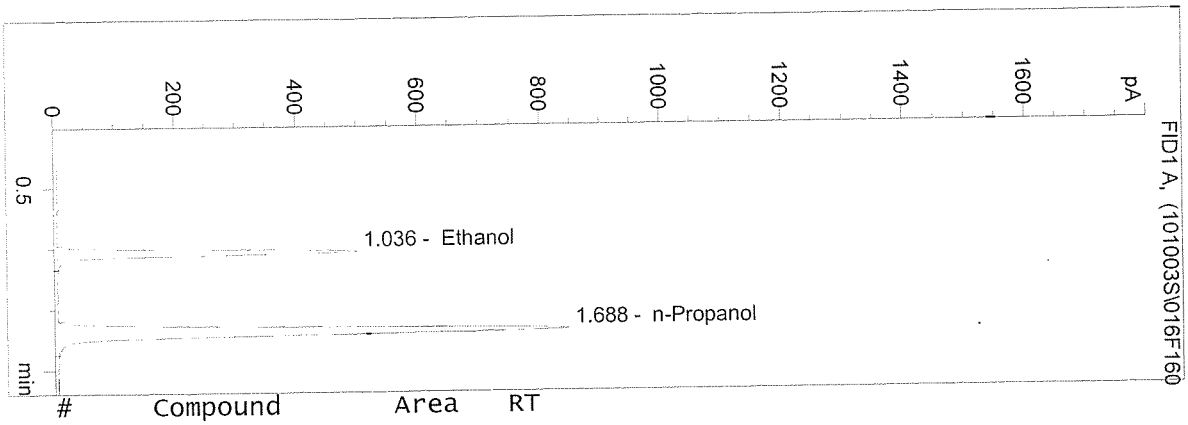
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
/10/03 4:48:14 PM
strument 2
-ALC1

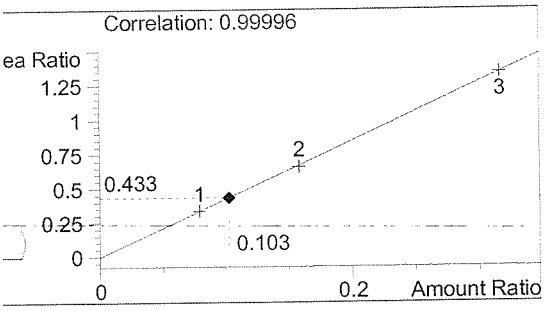
SIM 03034
Kari D. Gruendell

vial # 16

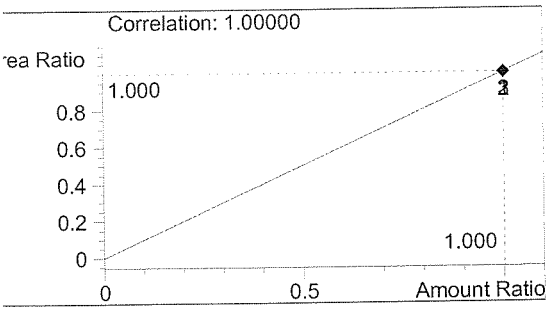


#	Compound	Area	RT
1	Ethanol	1549	1.036
2	n-Propanol	3574	1.688

Totals:



Ethanol 0.103 g/100ml



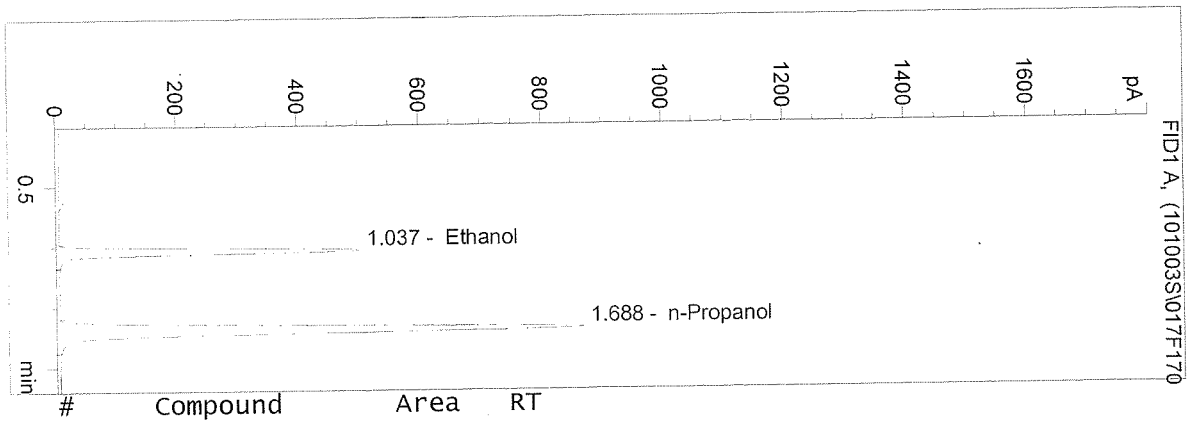
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
/10/03 4:51:28 PM
strument 2
-ALC1

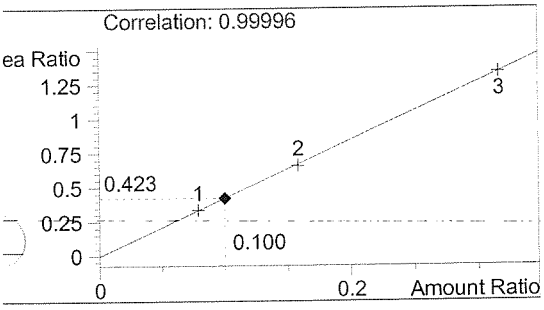
SIM 03034
Kari D. Gruendell

vial # 17

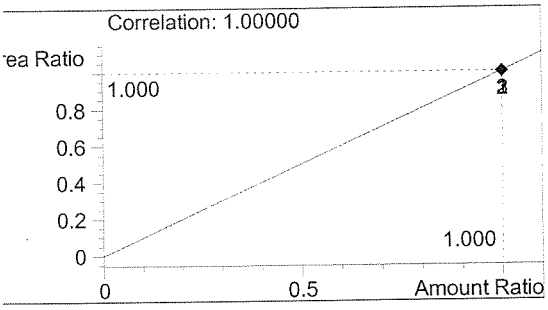


#	Compound	Area	RT
1	Ethanol	1553	1.037
2	n-Propanol	3674	1.688

Totals:



Ethanol 0.100 g/100ml



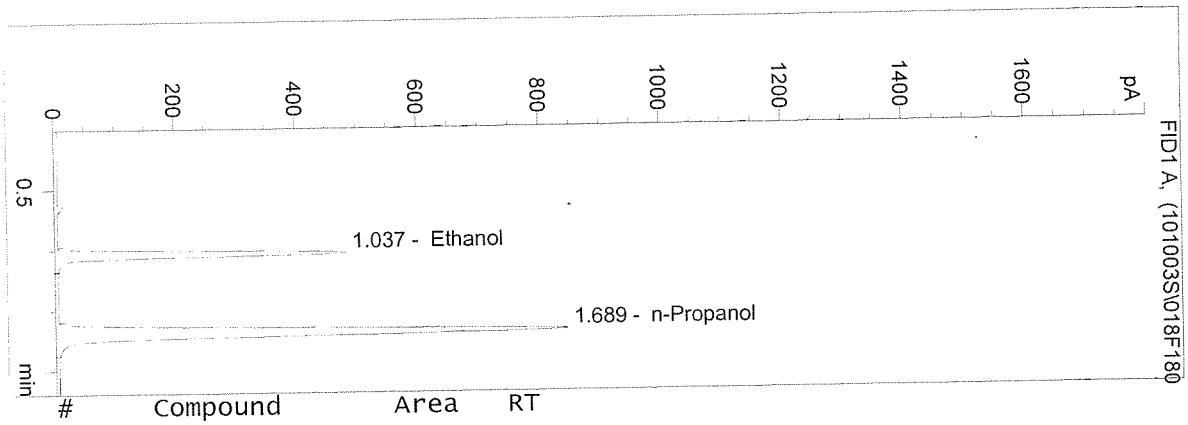
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
'10/03 4:54:31 PM
strument 2
-ALC1

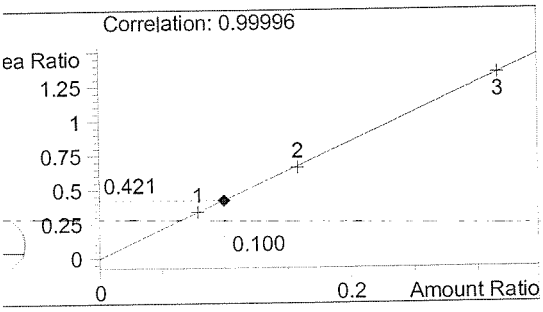
SIM 03034
Kari D. Gruendell

vial # 18

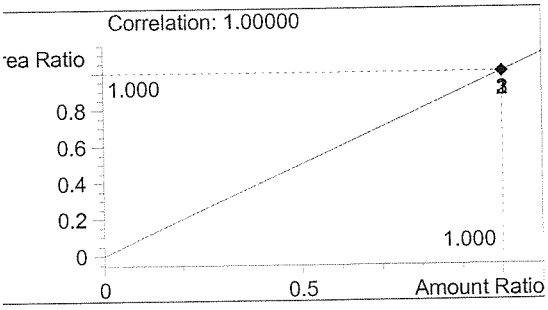


#	Compound	Area	RT
1	Ethanol	1504	1.037
2	n-Propanol	3575	1.689

Totals:



Ethanol 0.100 g/100ml



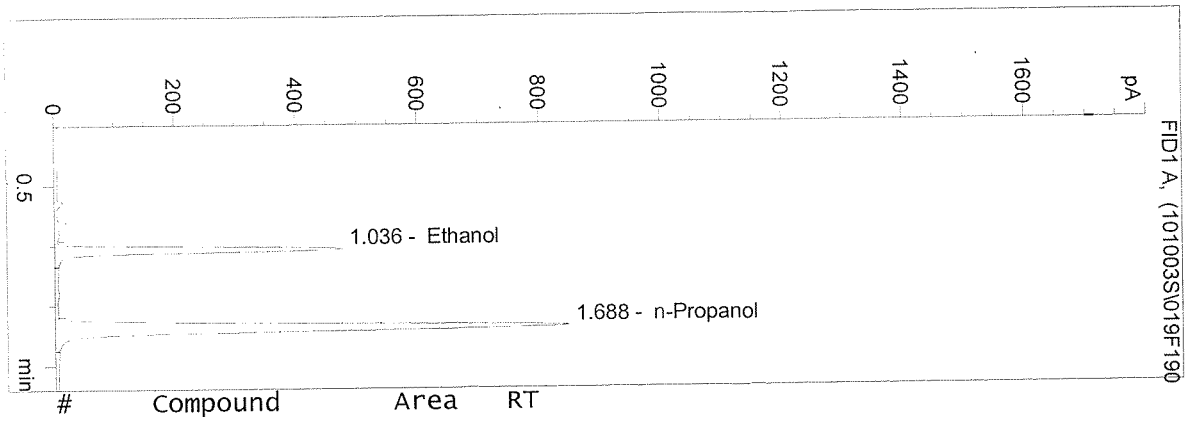
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
/10/03 4:57:43 PM
strument 2
-ALC1

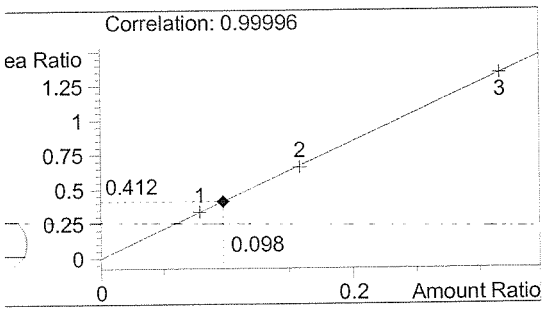
0.10 CONTROL
Kari D. Gruendell

vial # 19

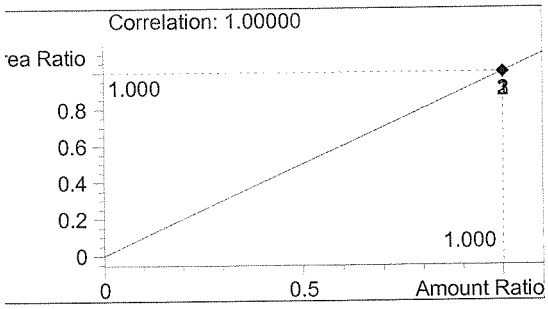


#	Compound	Area	RT
1	Ethanol	1474	1.036
2	n-Propanol	3580	1.688

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
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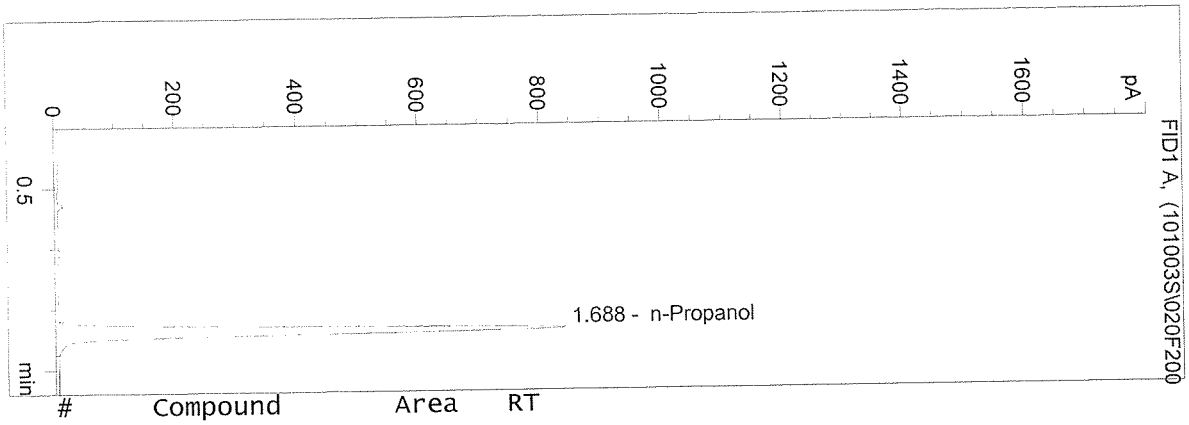
strument 2
-ALC1

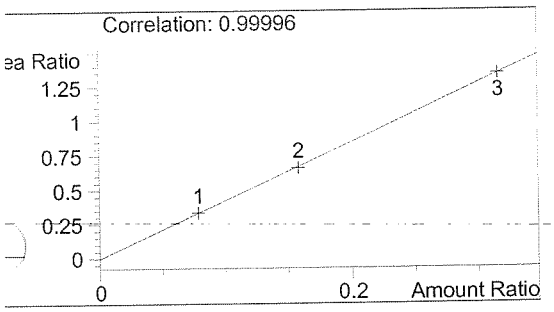
BLANK
Kari D. Gruendell

vial # 20

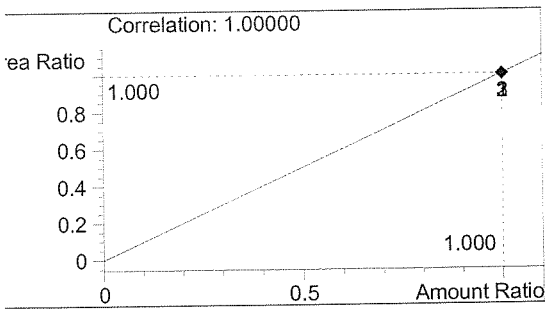


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3566	1.688

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

uence: C:\HPCHEM\2\SEQUENCE\DORASIM.S

Sequence Parameters:

Operator:	Dora Schranz
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	101303DS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Sample		
6	6	0.04 CONTROL	BLDALCO2	1	Ctrl Samp		
7	7	0.2 CONTROL	BLDALCO2	1	Ctrl Samp		
8	8	BLANK	BLDALCO2	1	Sample		
9	9	03034 1	BLDALCO2	1	Sample		
10	10	03034 2	BLDALCO2	1	Sample		
11	11	03034 3	BLDALCO2	1	Sample		
12	12	03034 4	BLDALCO2	1	Sample		
13	13	03034 5	BLDALCO2	1	Sample		
14	14	0.1 CONTROL	BLDALCO2	1	Ctrl Samp		
15	15	BLANK	BLDALCO2	1	Sample		
16	16	03035 1	BLDALCO2	1	Sample		
17	17	03035 2	BLDALCO2	1	Sample		
18	18	03035 3	BLDALCO2	1	Sample		
19	19	03035 4	BLDALCO2	1	Sample		
20	20	03035 5	BLDALCO2	1	Sample		
21	21	0.1 CONTROL	BLDALCO2	1	Ctrl Samp		
22	22	BLANK	BLDALCO2	1	Sample		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

Sequence Output Parameters:

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

:nstrument 2 10/13/03 8:13:41 AM Dora Schranz

Sequence Summary Parameters:

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

WASHINGTON STATE TOXICOLOGY LABORATORY

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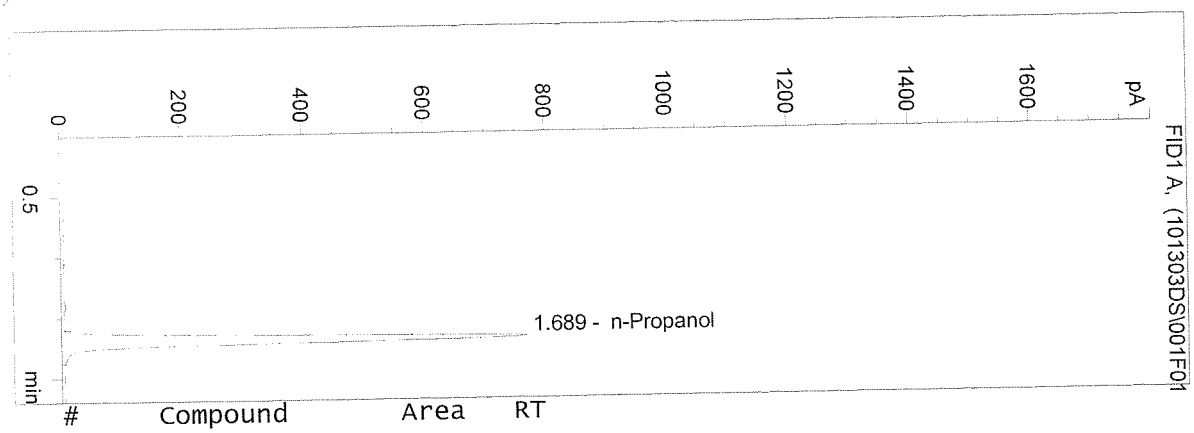
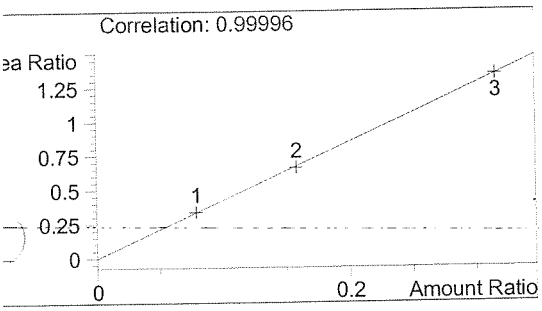
Dora Schranz

vial # 1

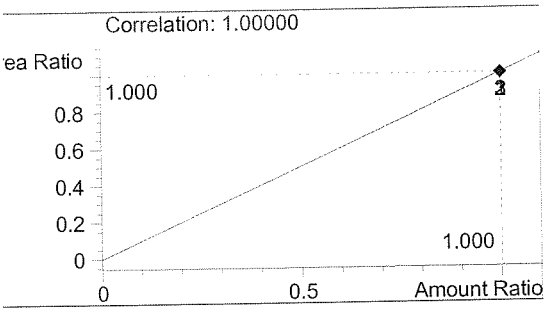


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3263	1.689

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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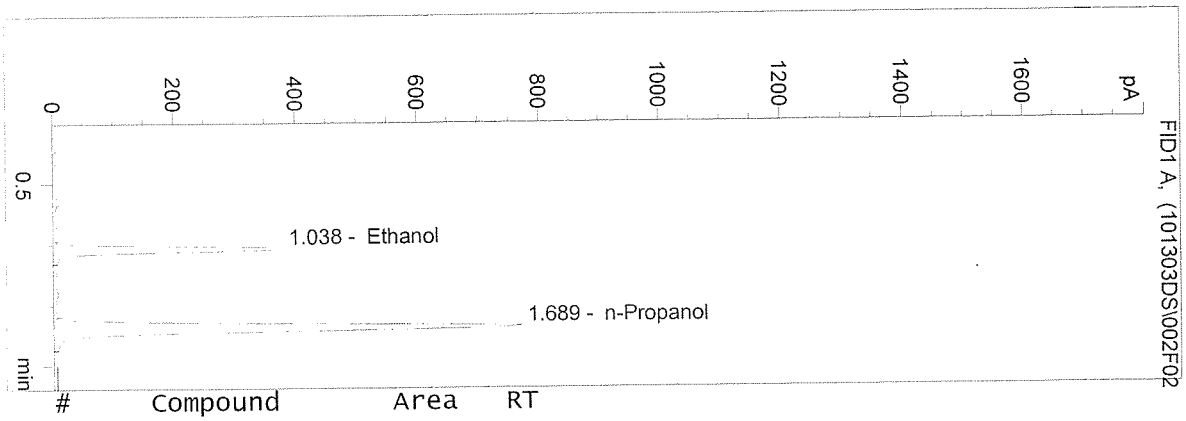
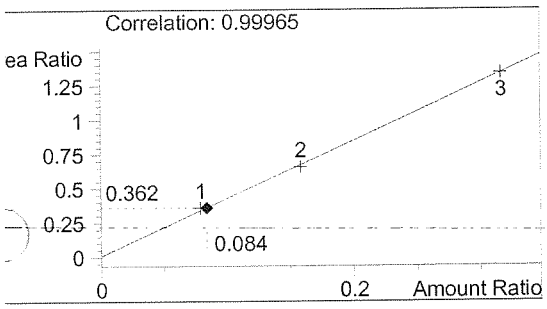
0.079 CAL
Dora Schranz

vial # 2

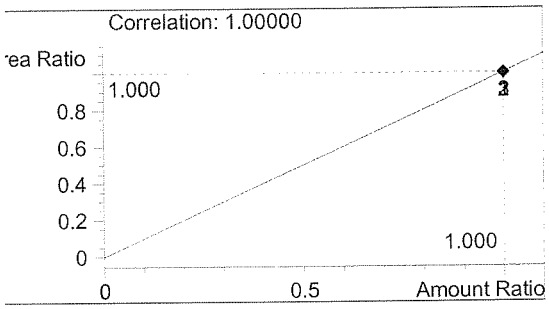


#	Compound	Area	RT
1	Ethanol	1188	1.038
2	n-Propanol	3285	1.689

Totals:



Ethanol 0.084 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\HPCHEM\2\METHODS\BLDALCO2.M
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strument 2
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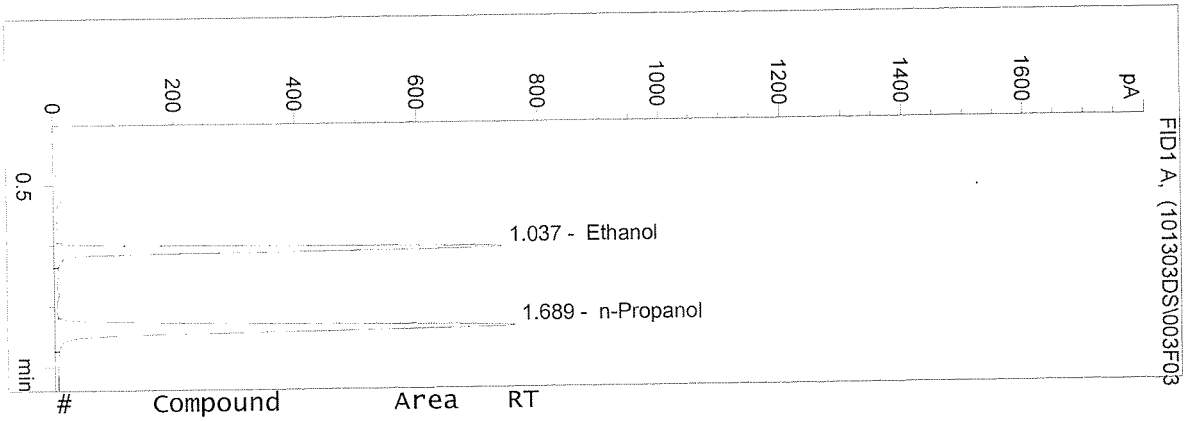
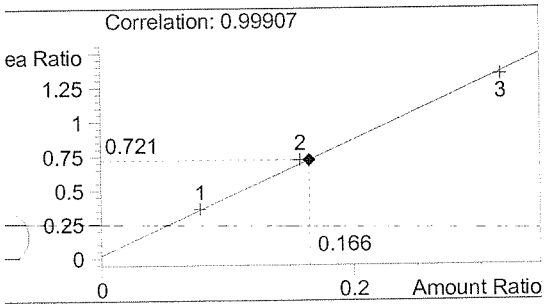
0.158 CAL
Dora Schranz

vial # 3

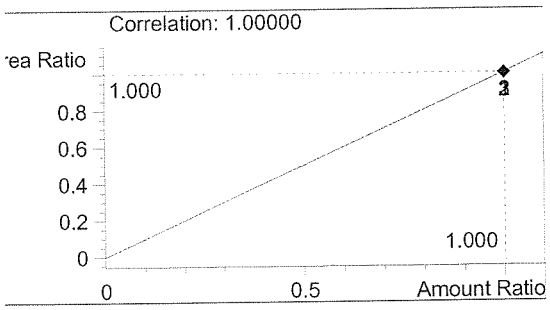


#	Compound	Area	RT
1	Ethanol	2327	1.037
2	n-Propanol	3226	1.689

Totals:



Ethanol 0.166 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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strument 2
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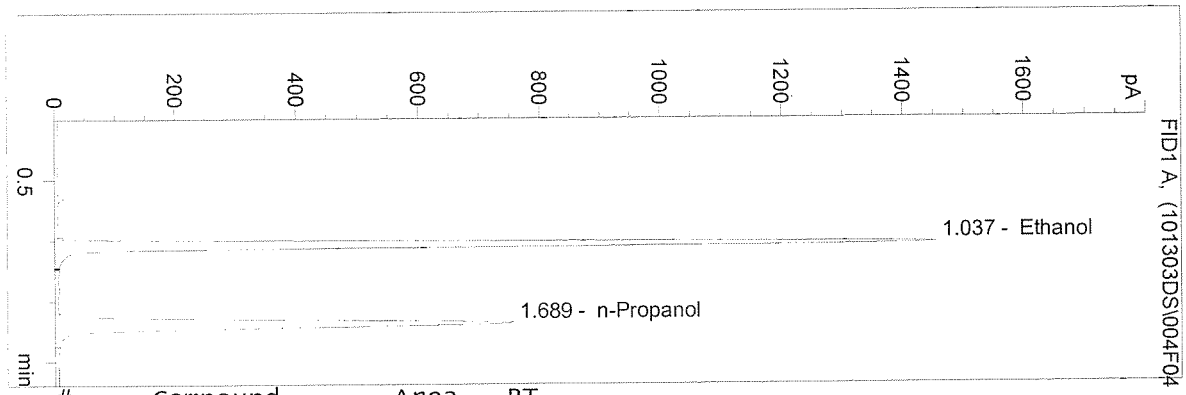
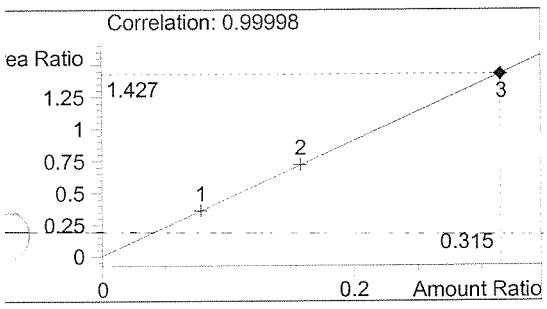
0.316 CAL
Dora Schranz

vial # 4

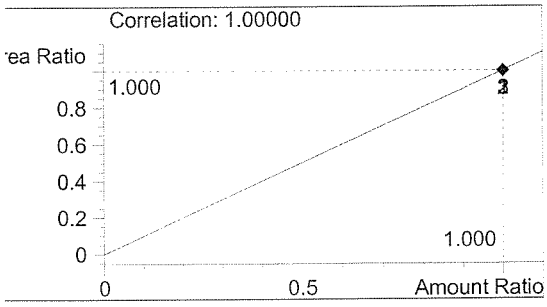


#	Compound	Area	RT
1	Ethanol	4574	1.037
2	n-Propanol	3206	1.689

Totals:



Ethanol 0.315 g/100ml



n-Propanol 1.000 g/100ml

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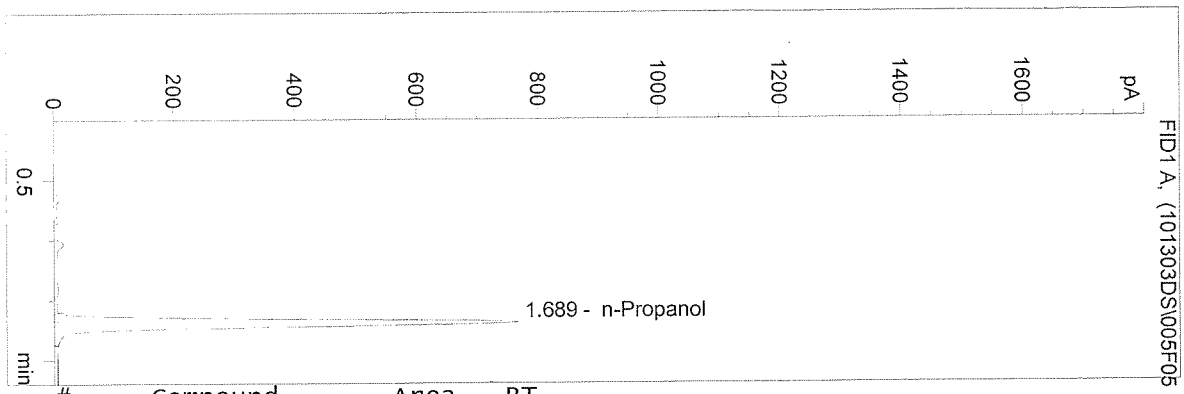
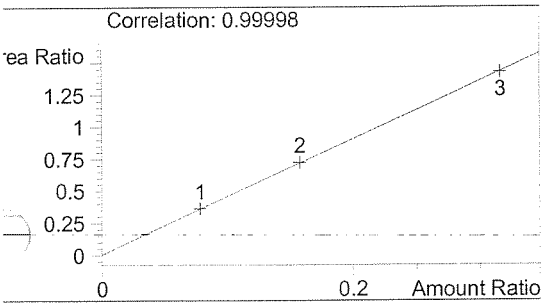
Dora Schranz

vial # 5

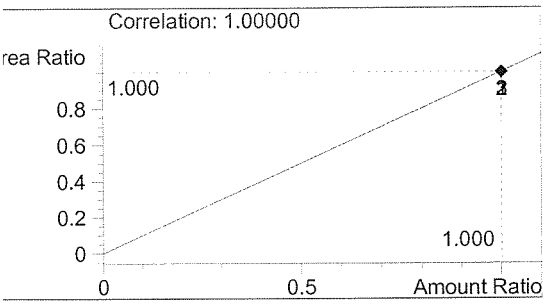


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3258	1.689

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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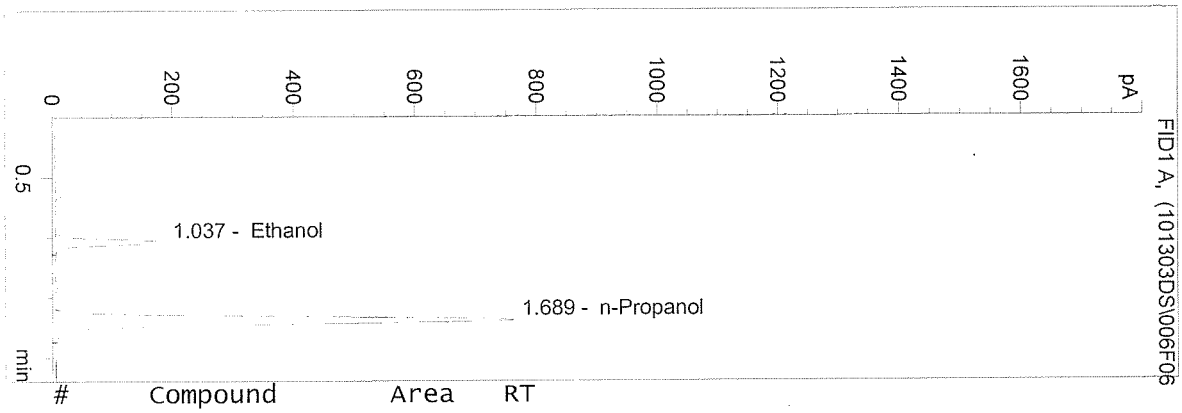
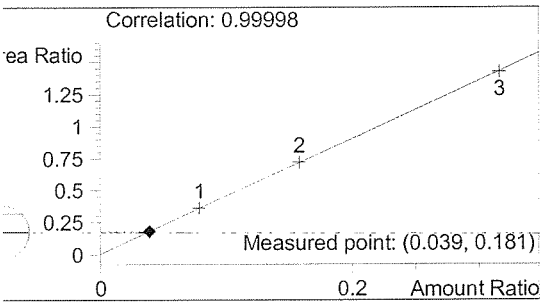
0.04 CONTROL
Dora Schranz

vial # 6

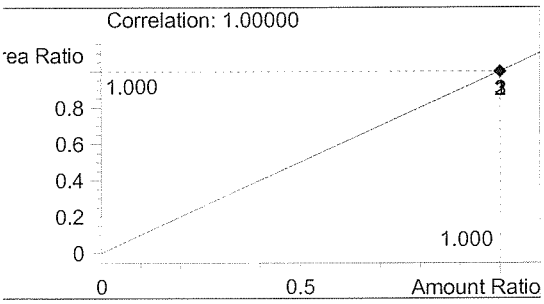


#	Compound	Area	RT
1	Ethanol	587	1.037
2	n-Propanol	3246	1.689

Totals:



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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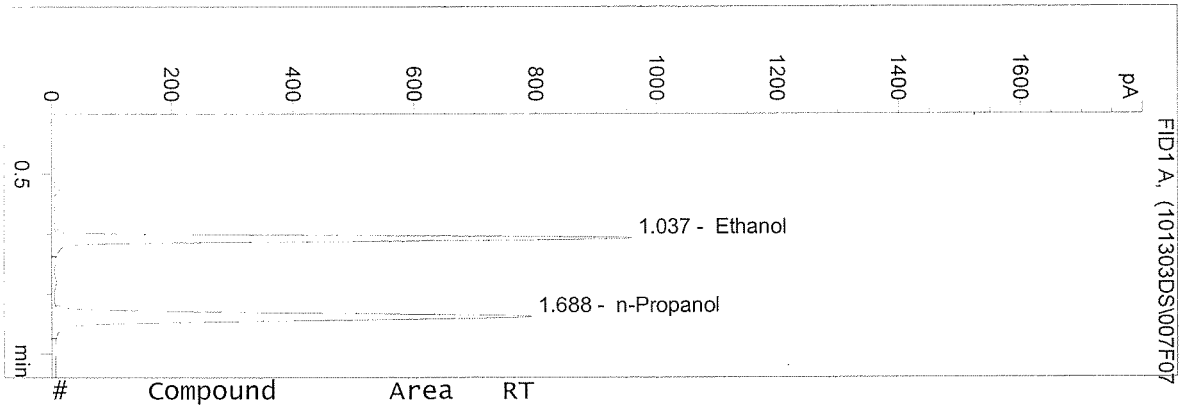
ALC1

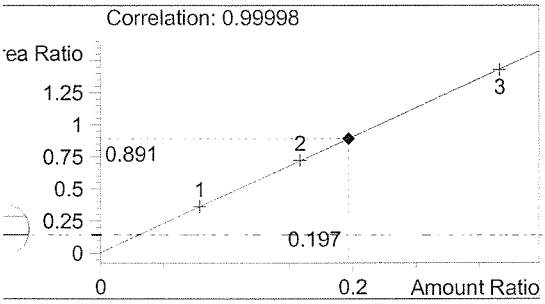
0.2 CONTROL
Dora Schranz

vial # 7

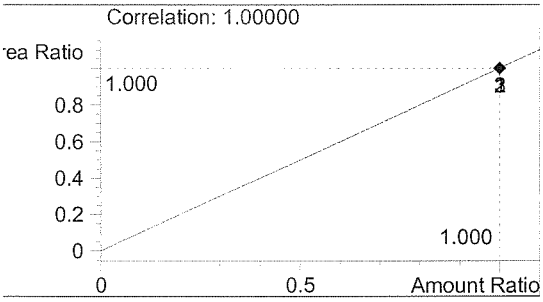


#	Compound	Area	RT
1	Ethanol	2987	1.037
2	n-Propanol	3352	1.688

Totals:



Ethanol 0.197 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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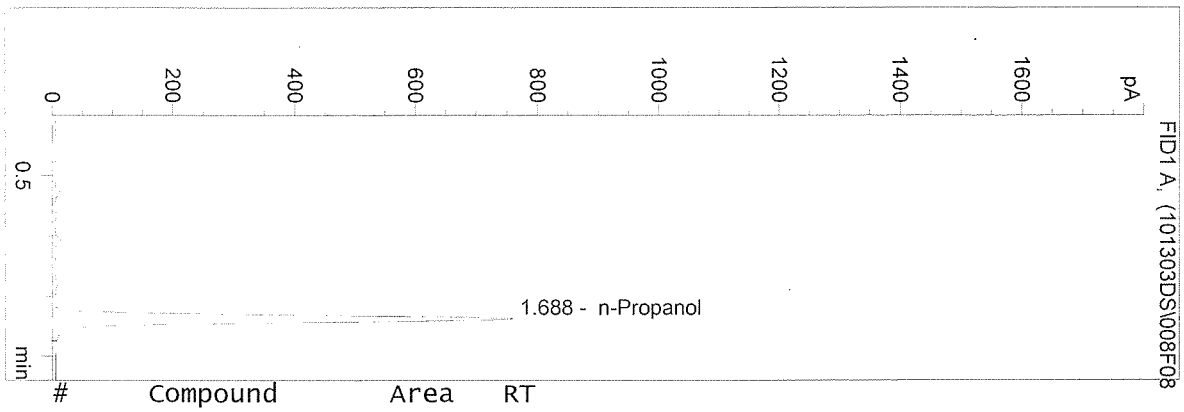
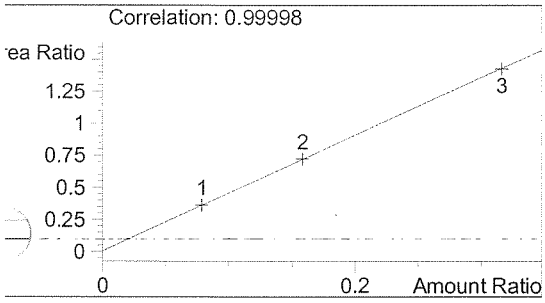
Dora Schranz

vial # 8

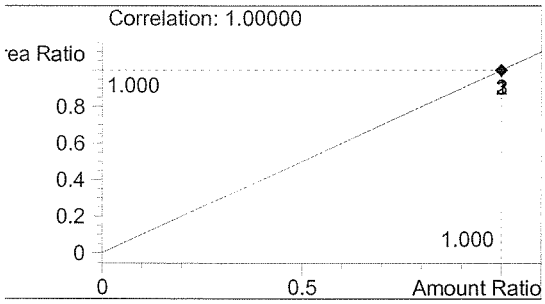


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3221	1.688

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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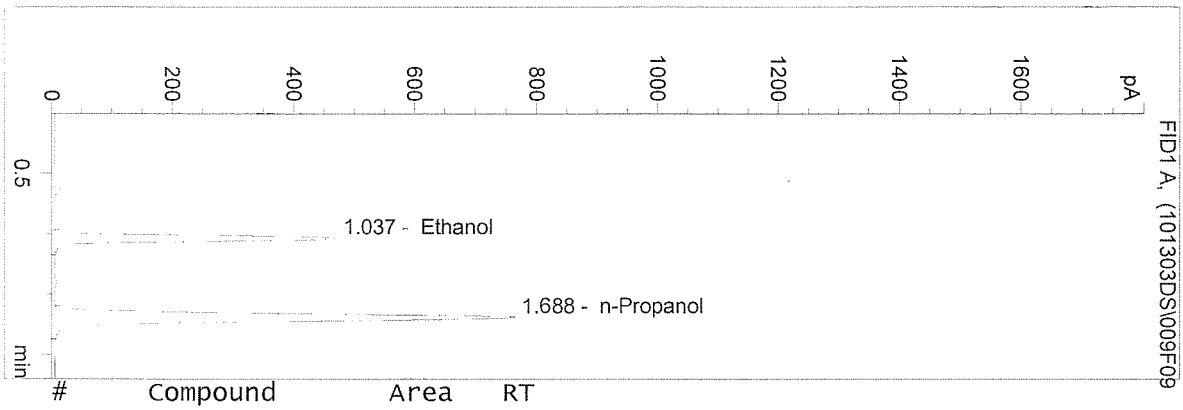
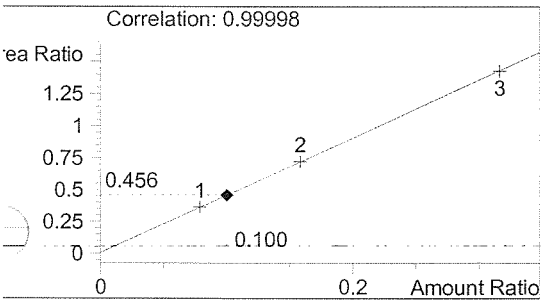
03034 1
Dora Schranz

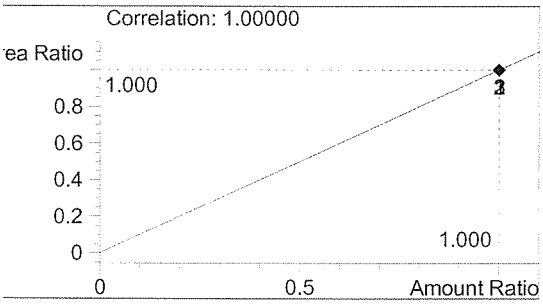
vial # 9



#	Compound	Area	RT
1	Ethanol	1483	1.037
2	n-Propanol	3250	1.688
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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ıstrument 2
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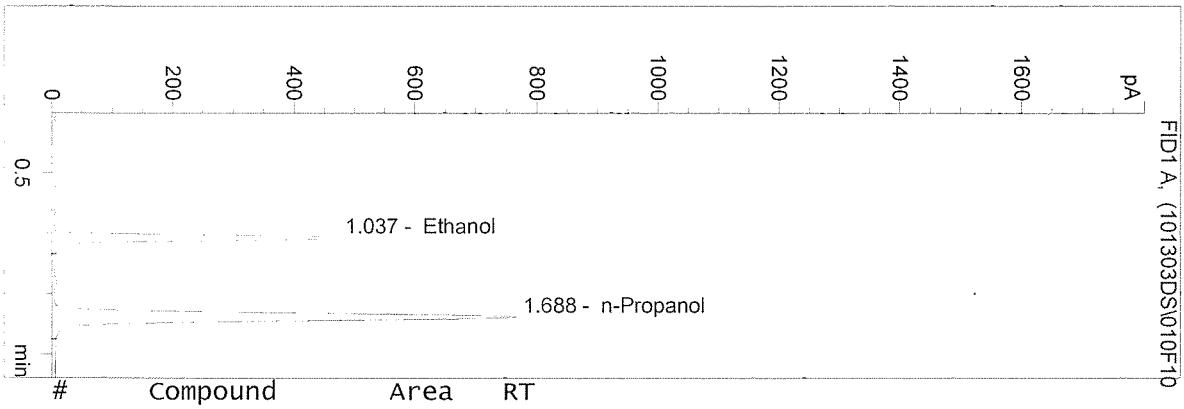
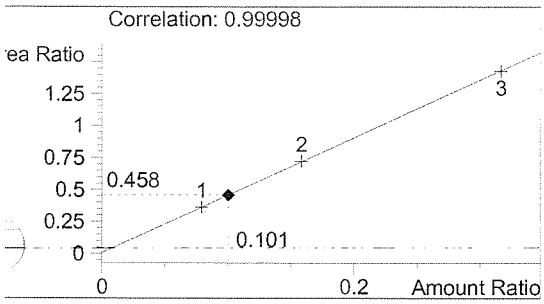
03034 2
Dora Schranz

vial # 10

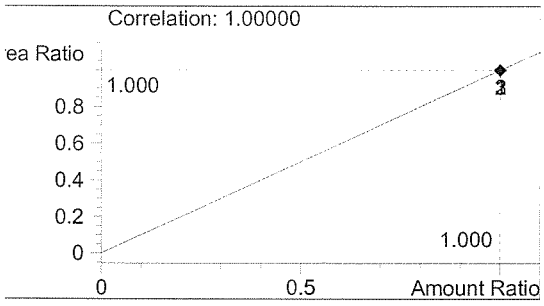


#	Compound	Area	RT
1	Ethanol	1492	1.037
2	n-Propanol	3261	1.688

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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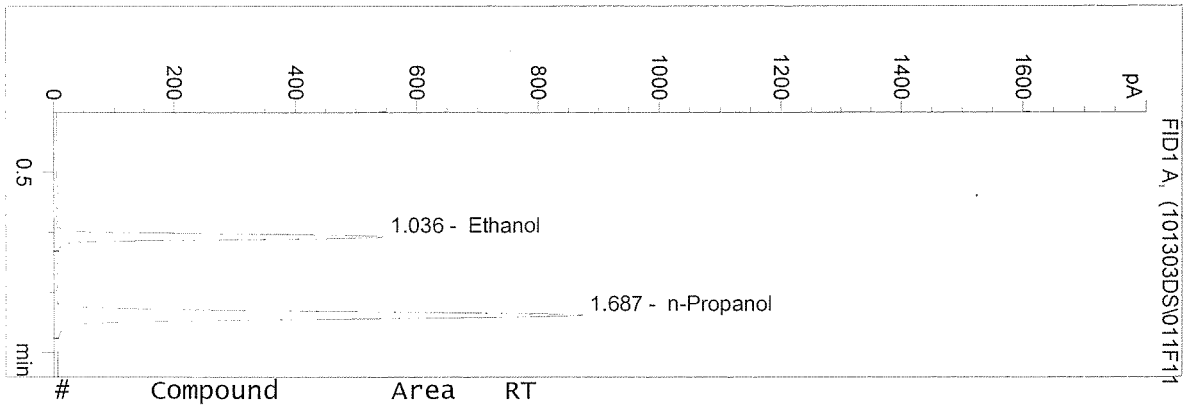
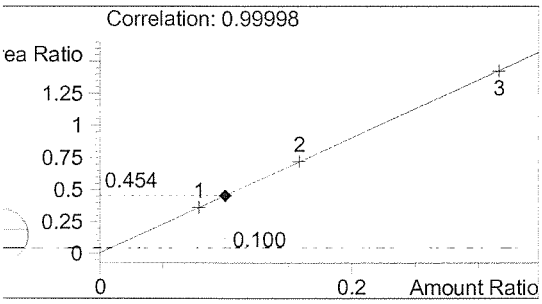
03034 3
Dora Schranz

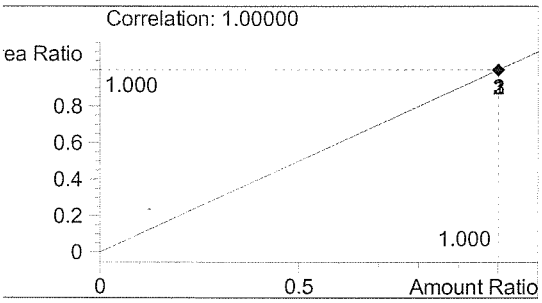
vial # 11



#	Compound	Area	RT
1	Ethanol	1681	1.036
2	n-Propanol	3698	1.687
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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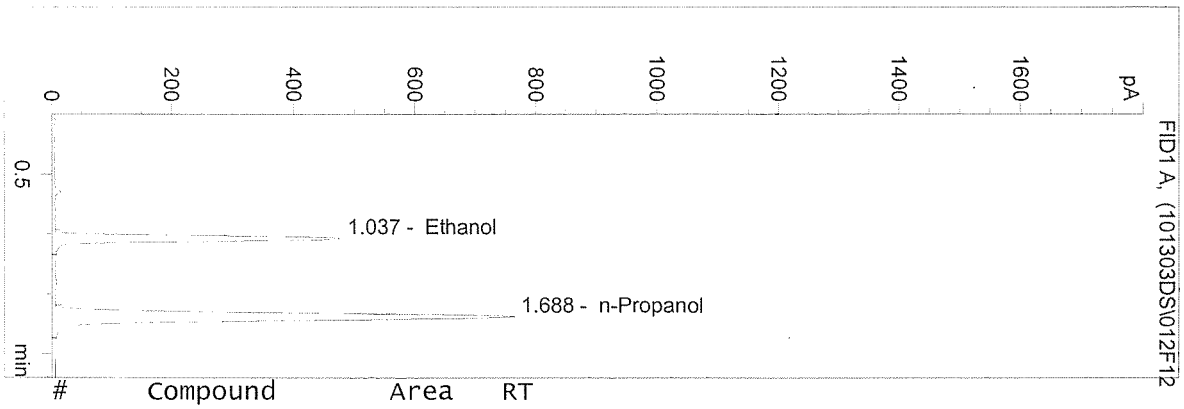
ıstrument 2
-ALC1

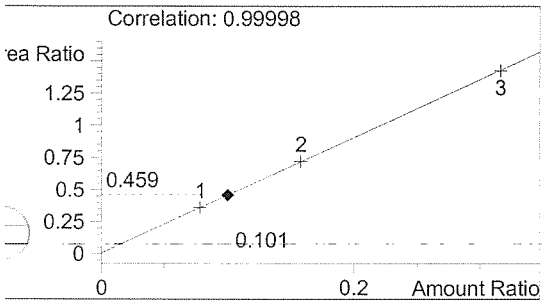
03034 4
Dora Schranz

vial # 12

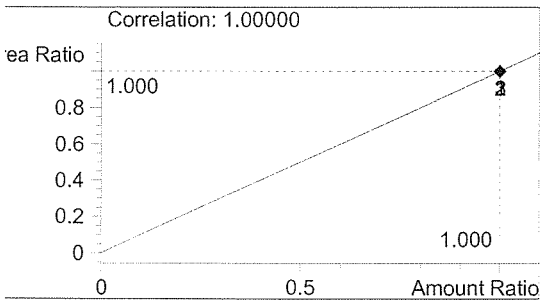


#	Compound	Area	RT
1	Ethanol	1487	1.037
2	n-Propanol	3238	1.688

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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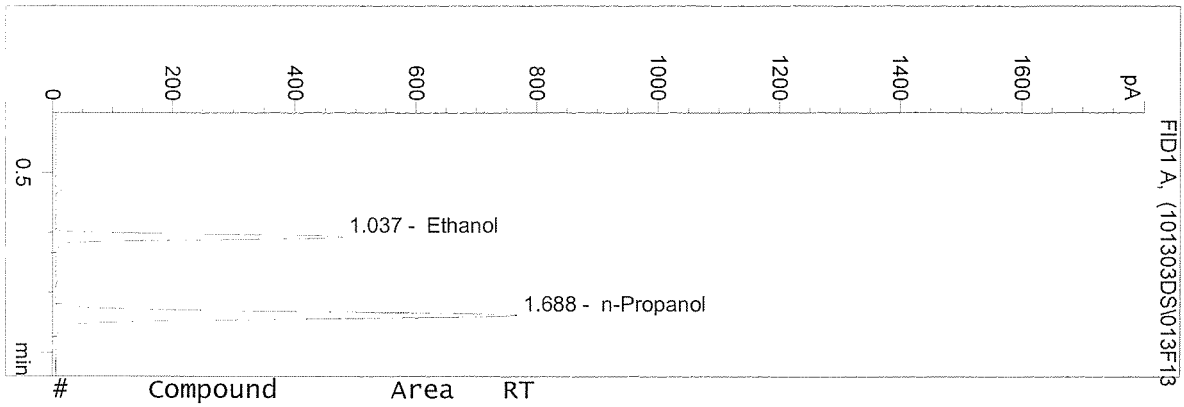
)/13/03 9:03:43 AM
ıstrument 2
?-ALC1

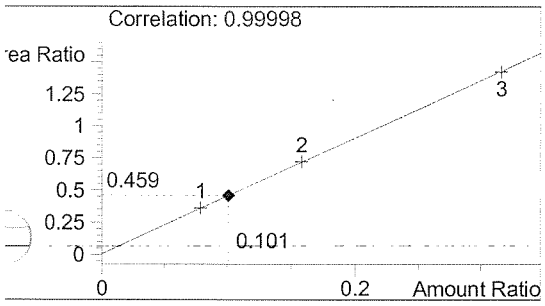
03034 5
Dora Schranz

vial # 13

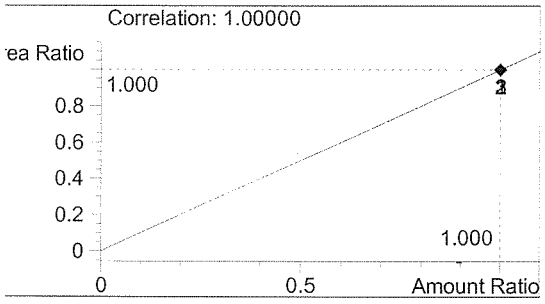


#	Compound	Area	RT
1	Ethanol	1492	1.037
2	n-Propanol	3251	1.688

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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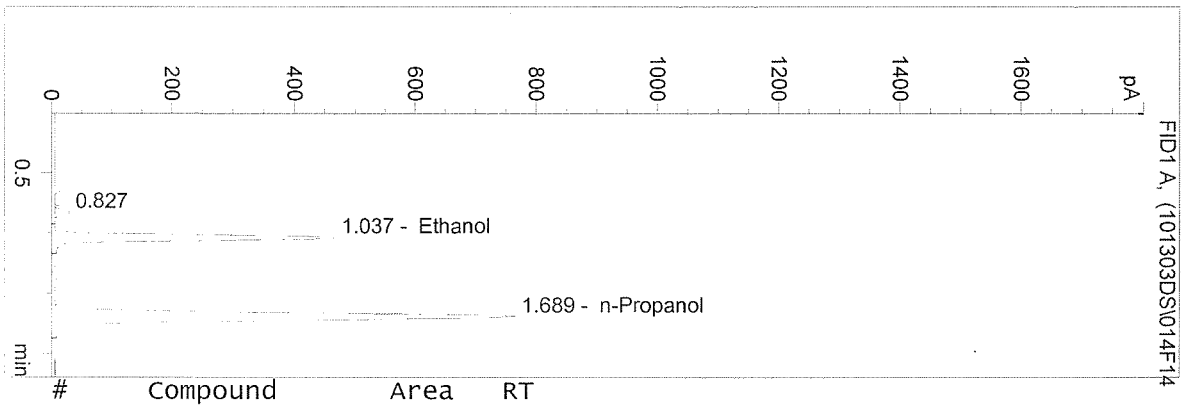
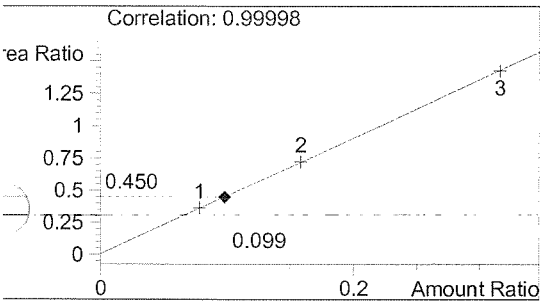
0.1 CONTROL
Dora Schranz

vial # 14

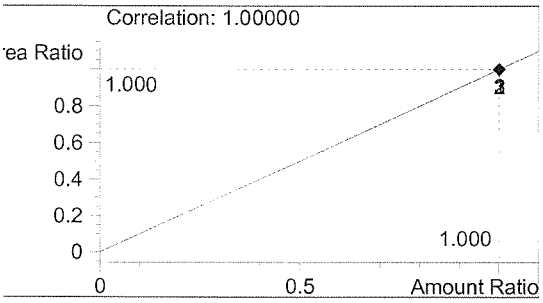


#	Compound	Area	RT
1		78	0.827
2	Ethanol	1463	1.037
3	n-Propanol	3253	1.689

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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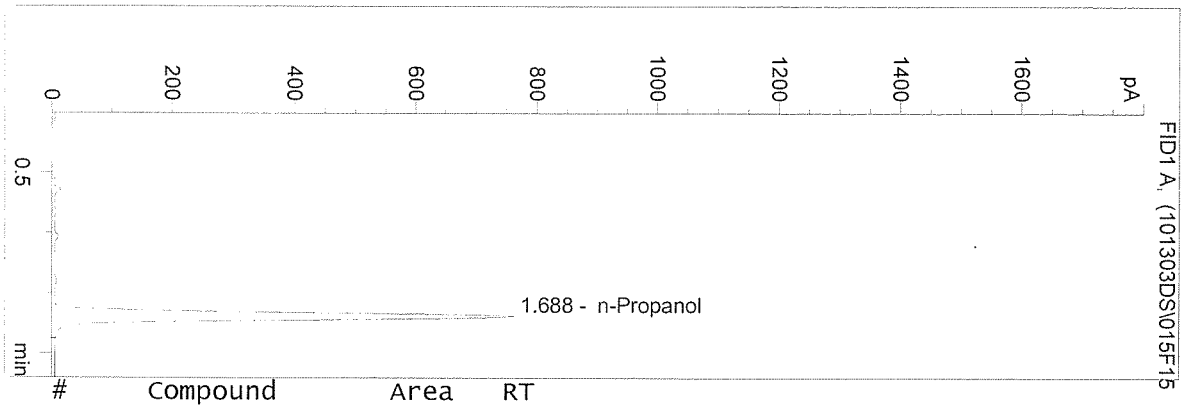
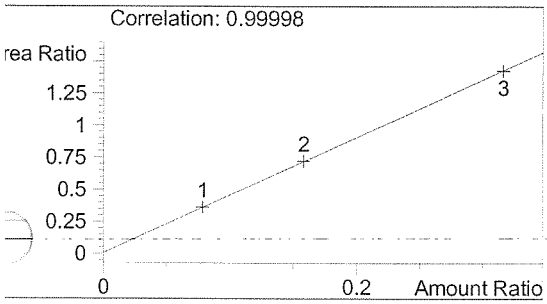
BLANK
Dora Schranz

vial # 15

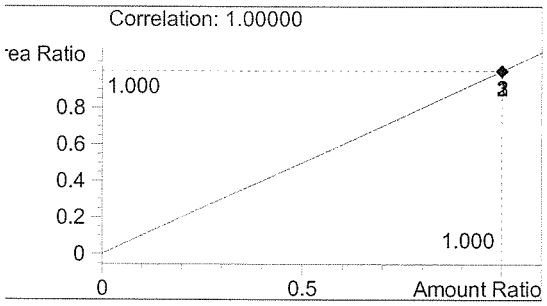


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3229	1.688

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml