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

Preparation and certification of **0.04** g/210L **Quality Assurance solution**

Batch number **02040** Date: 11/14/2002

Preparation: 11.1 mL of absolute ethyl alcohol diluted to 18 Liters with water

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.048	0.049	0.049									
2	0.048	0.049	0.049									
3	0.048	0.049	0.049									
4	0.049	0.049	0.049									
5	0.048	0.049	0.049									
Ctrl	0.100	0.099	0.100									

External Control:

Lot #: A021986 Exp date: 1/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0487 g/100 mL

SD: 0.00046

Range (3xSD): 0.0474 to 0.0501

Precision CV (%): 0.9393 %

Equivalent vapor concent.: 0.0396 g/210L

Analyst	Name	Signature	Date
1	Naziha Nuwayhid, PhD		11/15/02
2	Estuardo J. Miranda		11/15/02
3	Melissa Pemberton		11/18/02
4			
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12			

Prepared by: Naziha Nuwayhid, PhD according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Naziha Nuwayhid, do certify under penalty of perjury as follows:

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

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

The quality assurance solution, Lot Number 02040 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.0487 grams per 100mL.

Dated: 11/20/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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

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

The quality assurance solution, Lot Number 02040 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.0487 grams per 100mL.

Dated: 11/20/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 testing instrument.

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

The simulator solution, Lot Number 02040 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0487 grams per 100ml.

Dated: 11/20/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPQA

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Preparation and certification of **0.08** g/210L **Quality Assurance solution**

Batch number **02041** Date: 11/14/2002

Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.098	0.097	0.098									
2	0.097	0.097	0.098									
3	0.098	0.097	0.099									
4	0.097	0.097	0.099									
5	0.097	0.097	0.099									
Ctrl	0.099	0.099	0.101									

External Control:

Lot #: A021986 Exp date: 1/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0977 g/100 mL

SD: 0.00082

Range (3xSD): 0.0952 to 0.1001

Precision CV (%): 0.8360 %

Equivalent vapor concent.: 0.0794 g/210L

Analyst	Name	Signature	Date
1	Naziha Nuwayhid, PhD		11/15/02
2	Estuardo J. Miranda		11/15/02
3	Melissa Pemberton		11/18/02
4			
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12			

Prepared by: Naziha Nuwayhid, PhD according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Naziha Nuwayhid, do certify under penalty of perjury as follows:

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

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

The quality assurance solution, Lot Number 02041 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.0977 grams per 100mL.

Dated: 11/20/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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

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

The quality assurance solution, Lot Number 02041 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.0977 grams per 100mL.

Dated: 11/20/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 testing instrument.

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

The simulator solution, Lot Number 02041 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0977 grams per 100ml.

Dated: 11/20/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPQA

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Preparation and certification of **0.10** g/210L **Quality Assurance solution**

Batch number **02042** Date: 11/14/2002

Preparation: 28.9 mL of absolute ethyl alcohol diluted to 18 Liters with water

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.129	0.126	0.128									
2	0.127	0.127	0.129									
3	0.127	0.126	0.128									
4	0.127	0.128	0.129									
5	0.127	0.127	0.128									
Ctrl	0.100	0.100	0.100									

External Control:

Lot #: A021986 Exp date: 1/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1275 g/100 mL

SD: 0.00099

Range (3xSD): 0.1246 to 0.1305

Precision CV (%): 0.7766 %

Equivalent vapor concent.: 0.1037 g/210L

Analyst	Name	Signature	Date
1	Naziha Nuwayhid, PhD		11/15/02
2	Estuardo J. Miranda		11/15/02
3	Melissa Pemberton		11/18/02
4			
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Prepared by: Naziha Nuwayhid, PhD according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Naziha Nuwayhid, do certify under penalty of perjury as follows:

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

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

The quality assurance solution, Lot Number 02042 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.1275 grams per 100mL.

Dated: 11/20/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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

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

The quality assurance solution, Lot Number 02042 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.1275 grams per 100mL.

Dated: 11/20/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 testing instrument.

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

The simulator solution, Lot Number 02042 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1275 grams per 100ml.

Dated: 11/20/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPQA

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Preparation and certification of **0.15** g/210L **Quality Assurance solution**

Batch number **02043** Date: 11/14/2002

Preparation: 42.3 mL of absolute ethyl alcohol diluted to 18 Liters with water

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

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.187	0.185	0.186									
2	0.187	0.186	0.186									
3	0.186	0.188	0.186									
4	0.186	0.187	0.184									
5	0.187	0.186	0.187									
Ctrl	0.100	0.101	0.100									

External Control:

Lot #: A021986 Exp date: 1/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1863 g/100 mL

SD: 0.00096

Range (3xSD): 0.1834 to 0.1892

Precision CV (%): 0.5163 %

Equivalent vapor concent.: 0.1514 g/210L

Analyst	Name	Signature	Date
1	Naziha Nuwayhid, PhD		11/15/02
2	Estuardo J. Miranda		11/15/02
3	Melissa Pemberton		11/18/02
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Prepared by: Naziha Nuwayhid, PhD according to the approved protocol

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Naziha Nuwayhid, do certify under penalty of perjury as follows:

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

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

The quality assurance solution, Lot Number 02043 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.1863 grams per 100mL.

Dated: 11/20/02
Seattle, WA

Naziha Nuwayhid, Ph.D.
Forensic Toxicologist

NN/nf
NNQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

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

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

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

The quality assurance solution, Lot Number 02043 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of alcohol was 0.1863 grams per 100mL.

Dated: 11/20/02
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/nf
EMQA

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BAC VERIFIER DATAMASTER QUALITY ASSURANCE 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 testing instrument.

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

The simulator solution, Lot Number 02043 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.1863 grams per 100ml.

Dated: 11/20/02
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/nf
MPQA

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BAC VERIFIER DATAMASTER 0.08 SIMULATOR SOLUTION CERTIFICATION

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

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

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

The simulator solution, Lot Number 02044, was prepared in the Washington State Toxicology Laboratory on 12/2/02. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 12/2/03.

Dated: 12/23/02
Seattle, WA

Ann Marie Gordon
Laboratory Manager

AMG/nf
AGSIMSOL

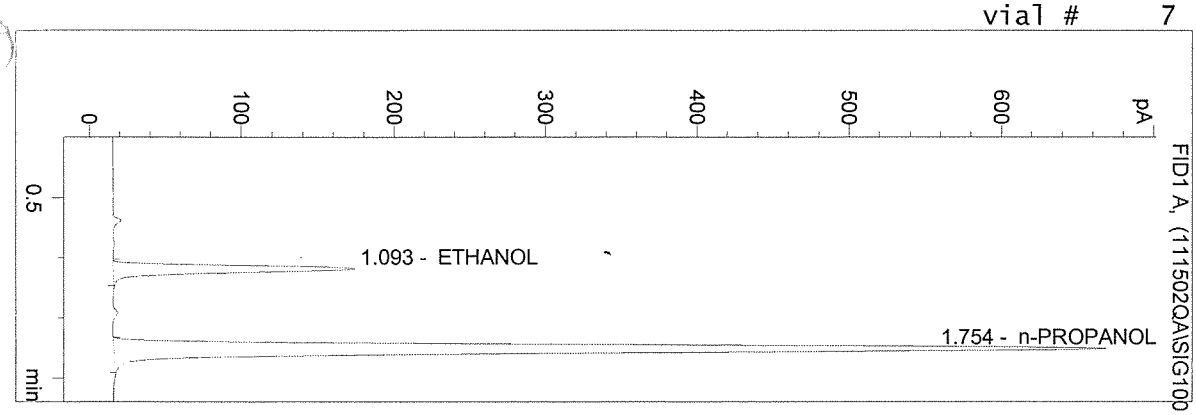
02040

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 11:11:08 AM
Instrument 3
DB-ALC1

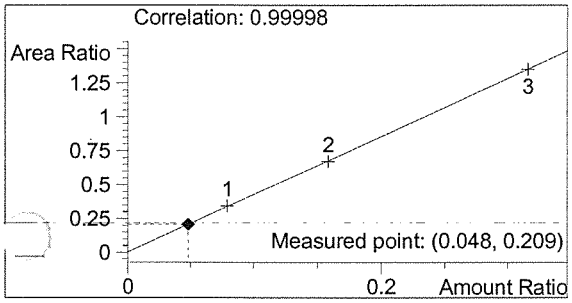
02040
Naziha Nuwayhid, PhD

vial # 7

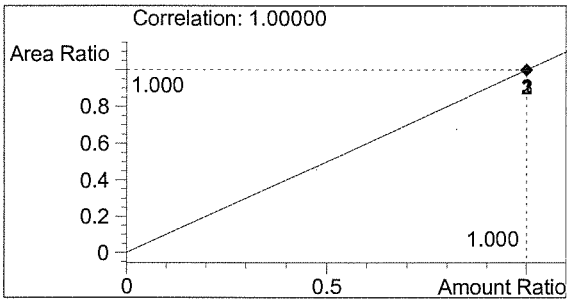


#	Compound	Area	RT
1	ETHANOL	627	1.093
2	n-PROPANOL	2997	1.754

Totals:



ETHANOL 0.048 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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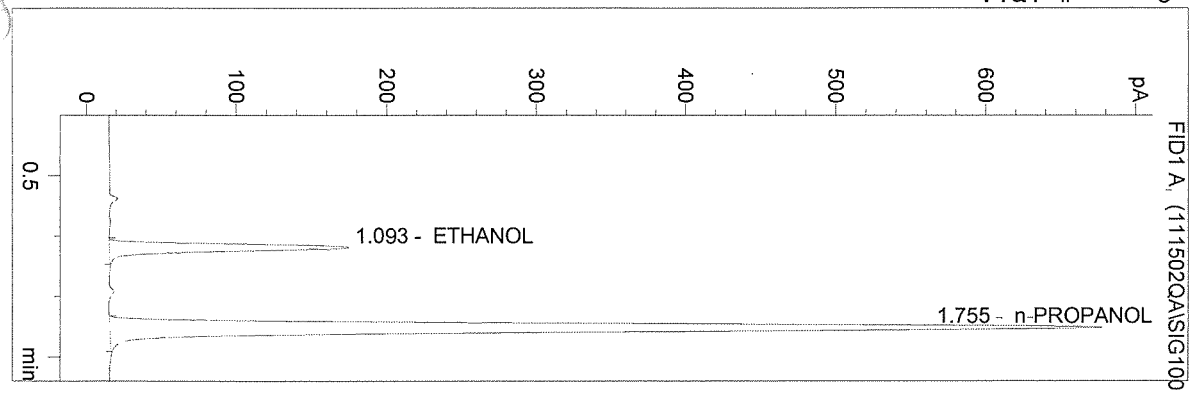
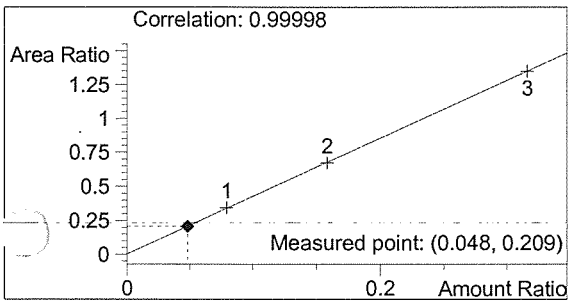
11/15/02 11:14:17 AM
Instrument 3
DB-ALC1

02040
Naziha Nuwayhid, PhD

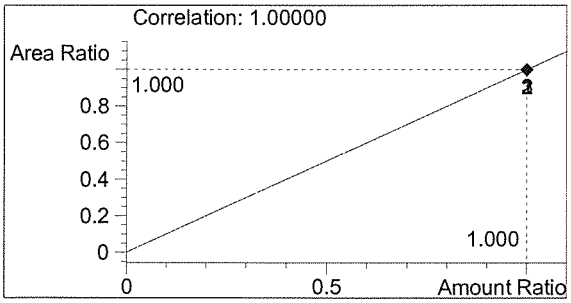
vial # 8



#	Compound	Area	RT
1	ETHANOL	640	1.093
2	n-PROPANOL	3060	1.755
Totals:			



ETHANOL 0.048 g/100mL



n-PROPANOL 1.000 g/100mL

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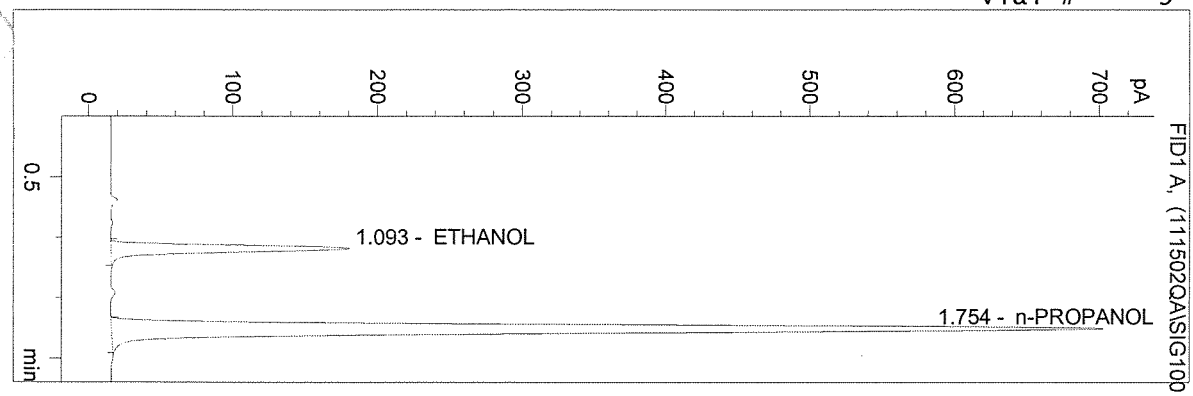
C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 11:17:41 AM
Instrument 3
DB-ALC1

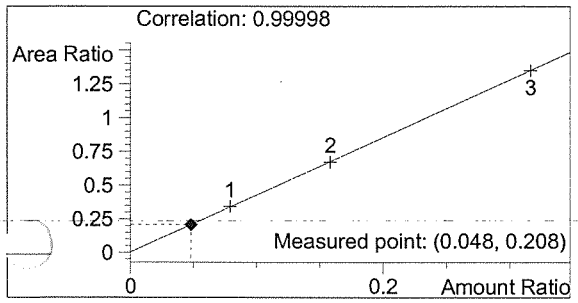
02040
Naziha Nuwayhid, PhD

vial # 9

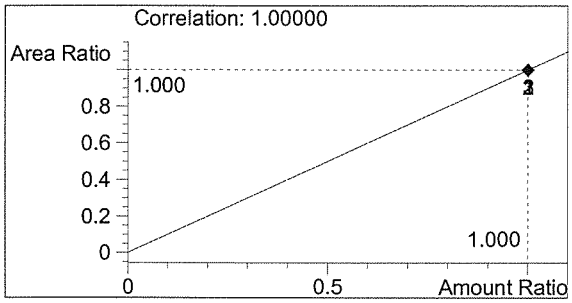


#	Compound	Area	RT
1	ETHANOL	656	1.093
2	n-PROPANOL	3151	1.754

Totals:



ETHANOL 0.048 g/100mL



n-PROPANOL 1.000 g/100mL

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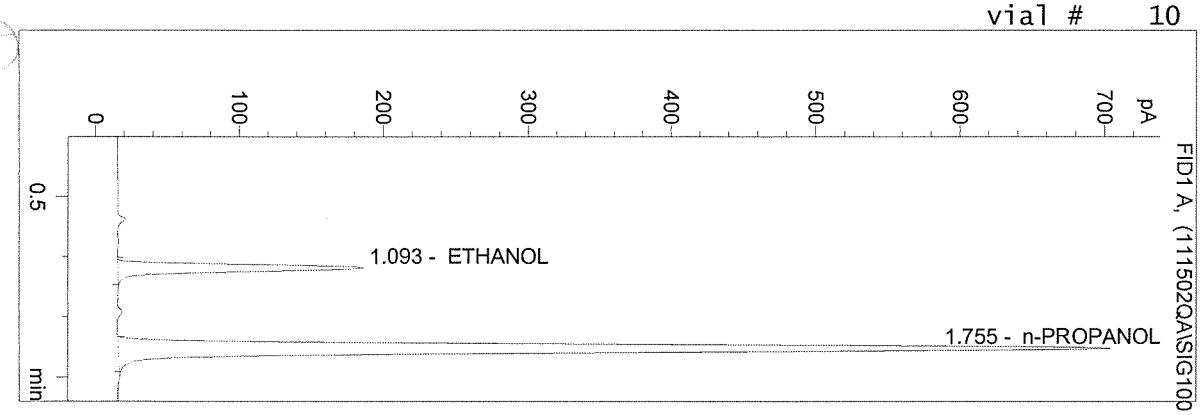
11/15/02 11:20:50 AM
Instrument 3
DB-ALC1

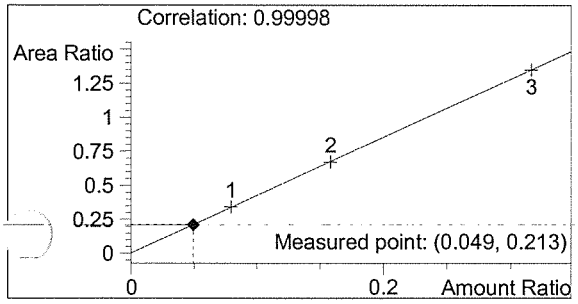
02040
Naziha Nuwayhid, PhD

vial # 10

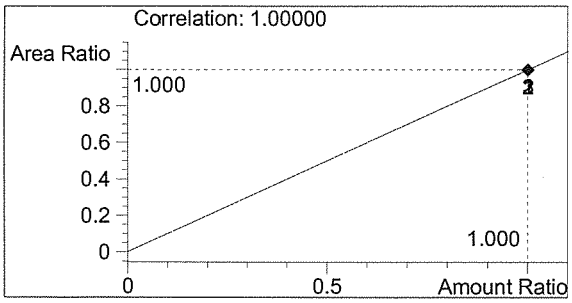


#	Compound	Area	RT
1	ETHANOL	670	1.093
2	n-PROPANOL	3146	1.755

Totals:



ETHANOL 0.049 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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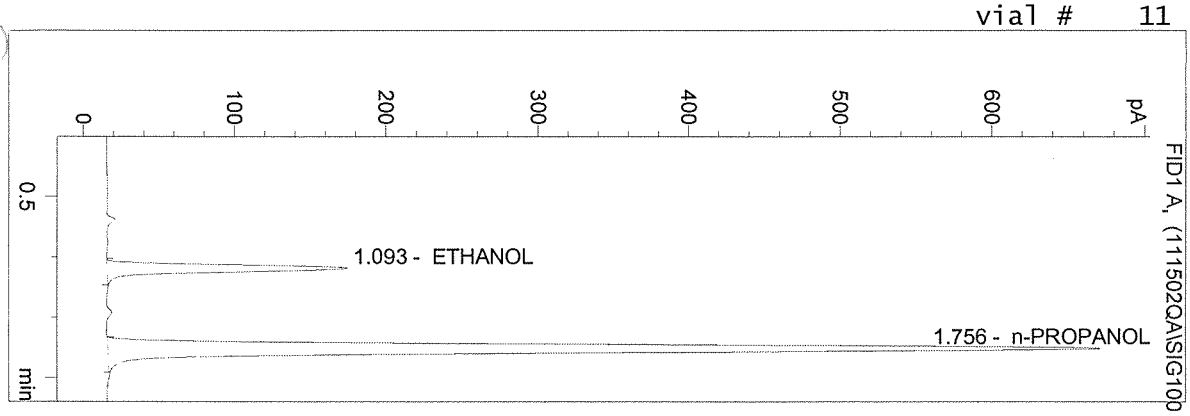
11/15/02 11:24:00 AM
Instrument 3
DB-ALC1

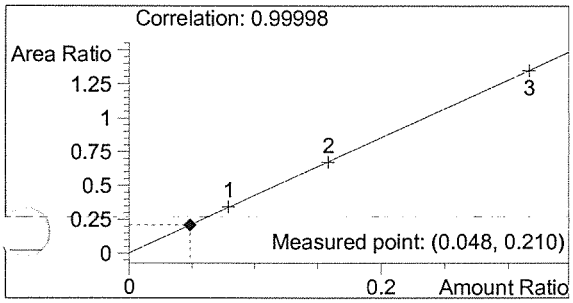
02040
Naziha Nuwayhid, PhD

vial # 11

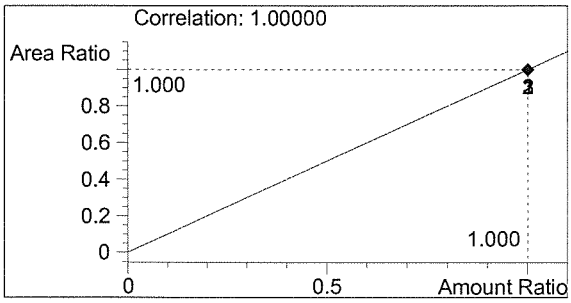


#	Compound	Area	RT
1	ETHANOL	625	1.093
2	n-PROPANOL	2980	1.756

Totals:



ETHANOL 0.048 g/100mL



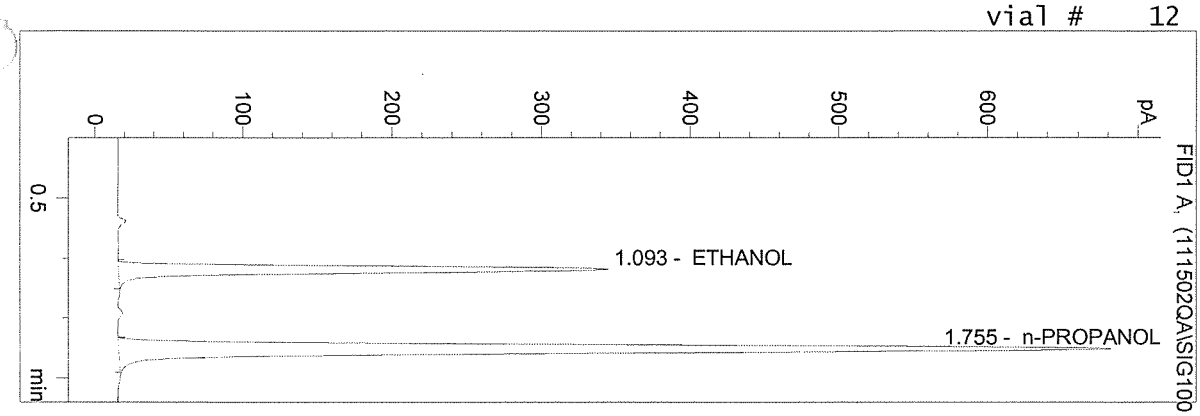
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 11:27:23 AM
Instrument 3
DB-ALC1

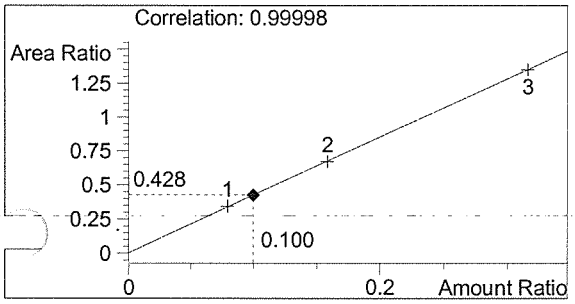
0.101 CAP
Naziha Nuwayhid, PhD

vial # 12

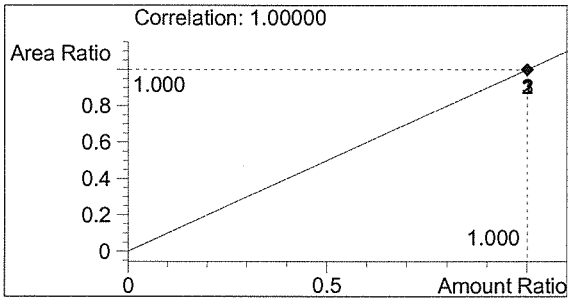


#	Compound	Area	RT
1	ETHANOL	1302	1.093
2	n-PROPANOL	3040	1.755

Totals:



ETHANOL 0.100 g/100mL



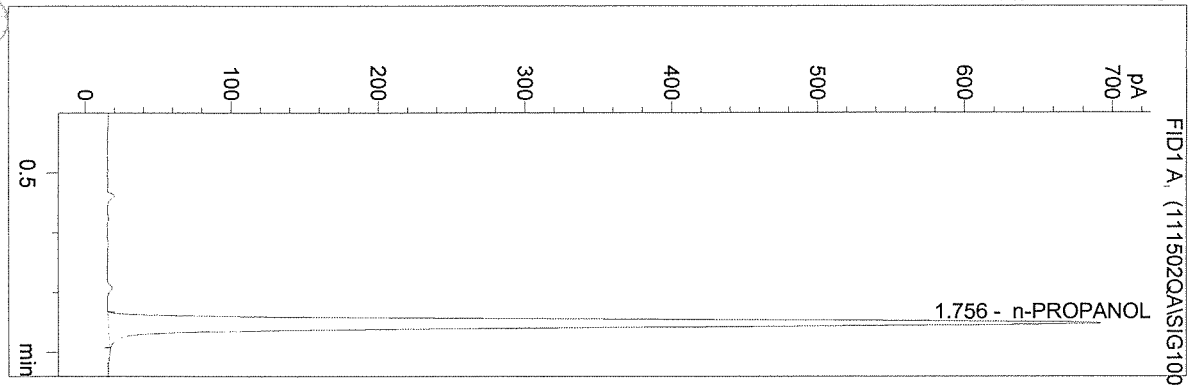
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 11:30:47 AM
Instrument 3
DB-ALC1

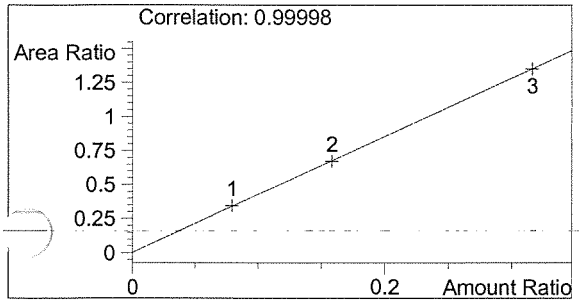
BLANK
Naziha Nuwayhid, PhD

vial # 13

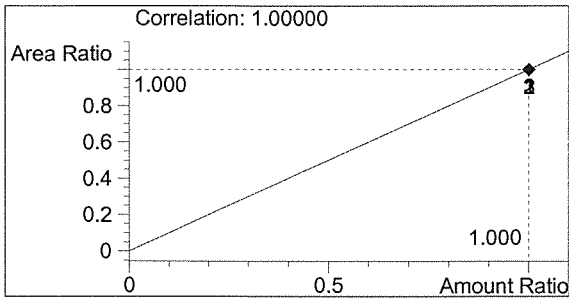


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3123	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	0.10 CTRL	BLDALCO3	1	Ctrl Samp		
6	6	BLANK	BLDALCO3	1	Sample		
7	7	02040	BLDALCO3	1	Sample		
8	8	02040	BLDALCO3	1	Sample		
9	9	02040	BLDALCO3	1	Sample		
10	10	02040	BLDALCO3	1	Sample		
11	11	02040	BLDALCO3	1	Sample		
12	12	0.101 CAP	BLDALCO3	1	Ctrl Samp		
13	13	BLANK	BLDALCO3	1	Sample		
14	14	02041	BLDALCO3	1	Sample		
15	15	02041	BLDALCO3	1	Sample		
16	16	02041	BLDALCO3	1	Sample		
17	17	02041	BLDALCO3	1	Sample		
18	18	02041	BLDALCO3	1	Sample		
19	19	0.101 CAP	BLDALCO3	1	Sample		
20	20	BLANK	BLDALCO3	1	Sample		
21	21	02042	BLDALCO3	1	Sample		
22	22	02042	BLDALCO3	1	Sample		
23	23	02042	BLDALCO3	1	Sample		
24	24	02042	BLDALCO3	1	Sample		
25	25	02042	BLDALCO3	1	Sample		
26	26	0.101 CAP	BLDALCO3	1	Sample		
27	27	BLANK	BLDALCO3	1	Sample		
28	28	02043	BLDALCO3	1	Sample		
29	29	02043	BLDALCO3	1	Sample		
30	30	02043	BLDALCO3	1	Sample		
31	31	02043	BLDALCO3	1	Sample		
32	32	02043	BLDALCO3	1	Sample		
33	33	0.101 CAP	BLDALCO3	1	Sample		
34	34	BLANK	BLDALCO3	1	Sample		

Calibration Part:

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

Sequence Table (Back Injector):

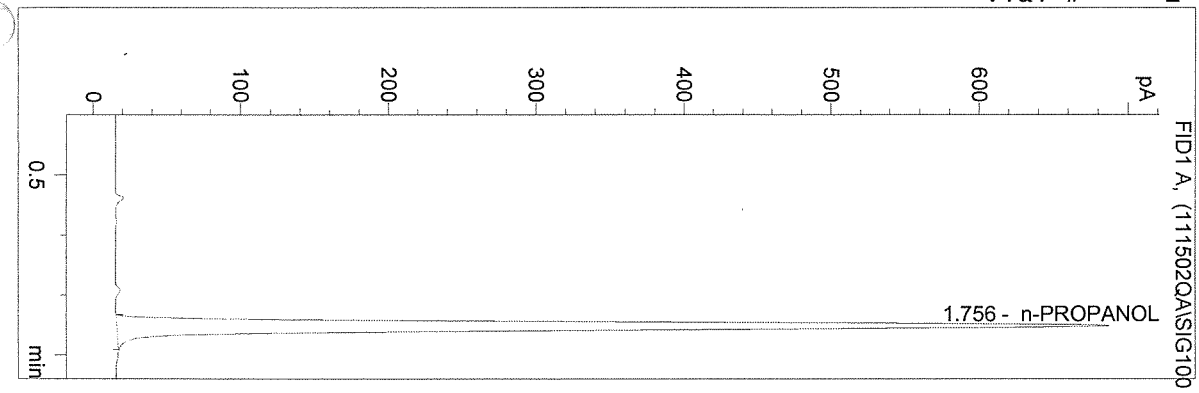
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 10:51:56 AM
Instrument 3
DB-ALC1

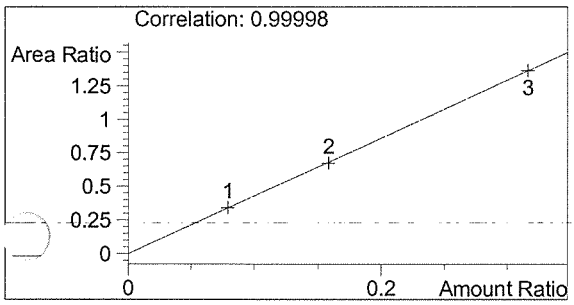
BLANK
Naziha Nuwayhid, PhD

vial # 1

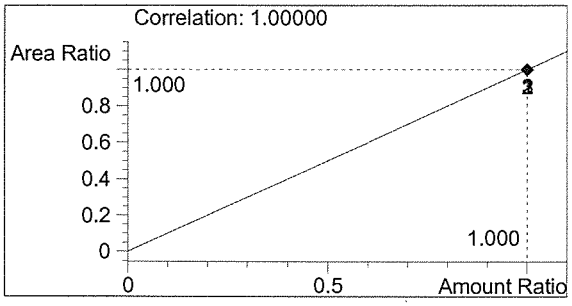


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3065	1.756

Totals:



ETHANOL 0.000 g/100mL



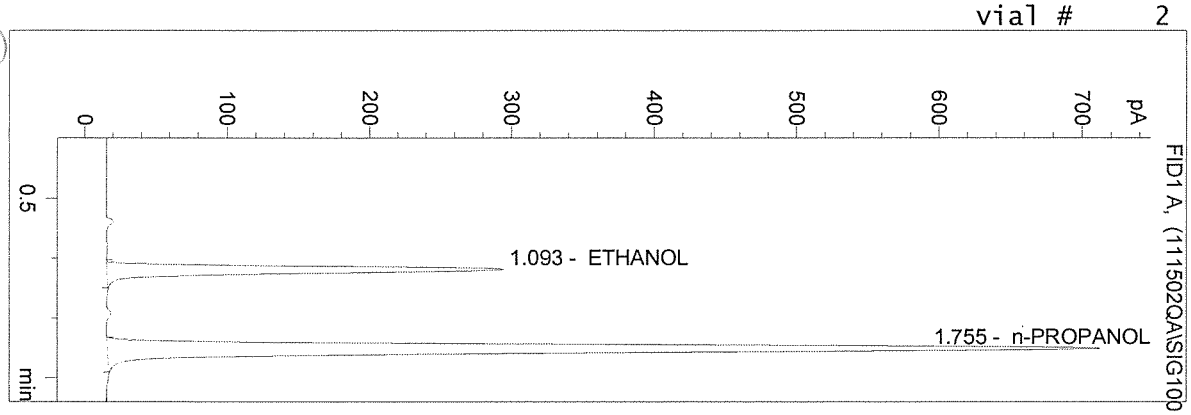
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 10:55:06 AM
Instrument 3
DB-ALC1

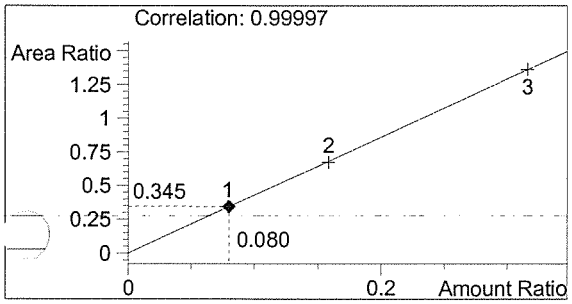
0.079 CAL
Naziha Nuwayhid, PhD

vial # 2

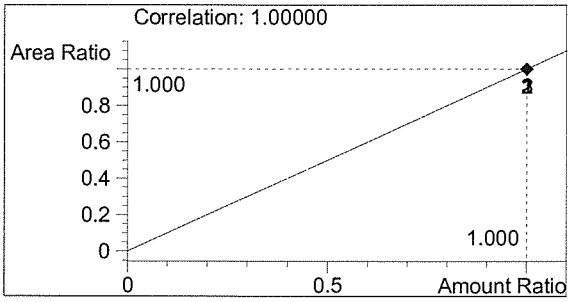


#	Compound	Area	RT
1	ETHANOL	1101	1.093
2	n-PROPANOL	3190	1.755

Totals:



ETHANOL 0.080 g/100mL



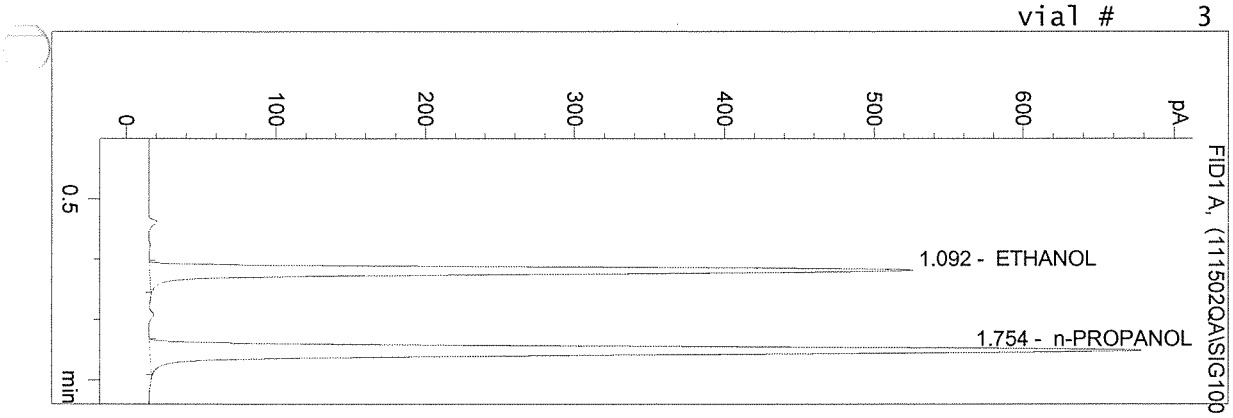
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 10:58:15 AM
Instrument 3
DB-ALC1

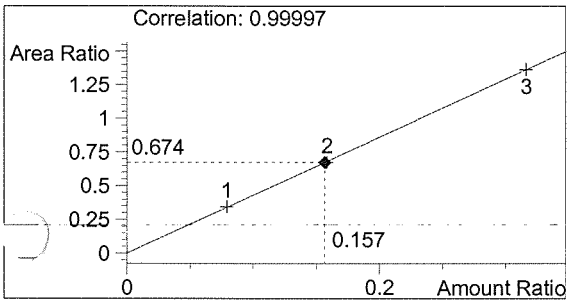
0.158 CAL
Naziha Nuwayhid, PhD

vial # 3

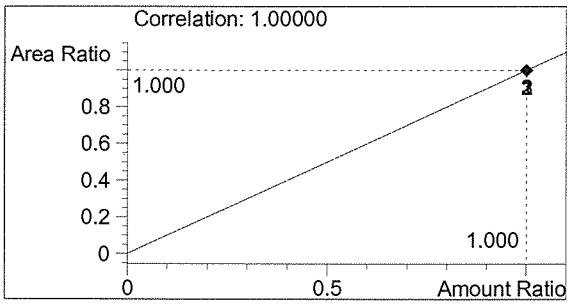


#	Compound	Area	RT
1	ETHANOL	2061	1.092
2	n-PROPANOL	3056	1.754

Totals:



ETHANOL 0.157 g/100mL



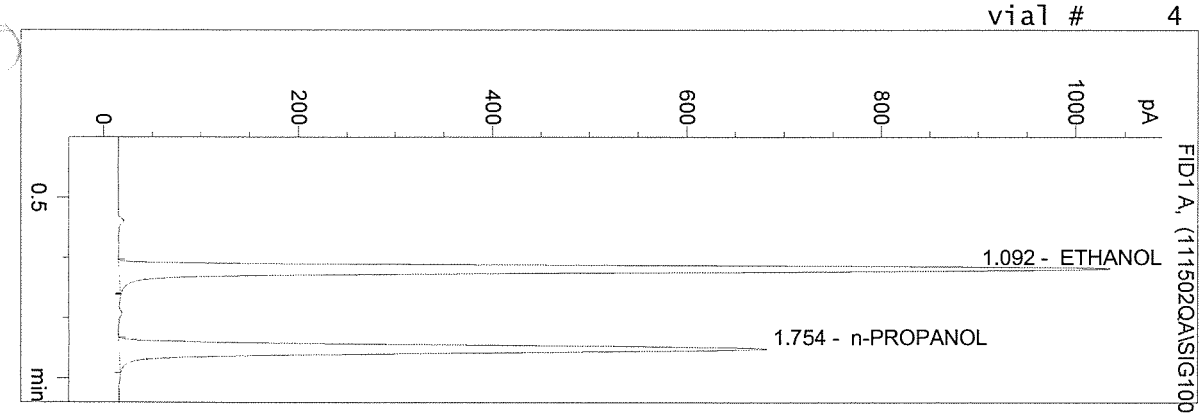
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 11:01:25 AM
Instrument 3
DB-ALC1

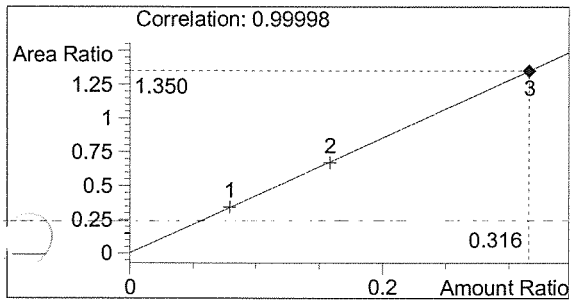
0.316 CAL
Naziha Nuwayhid, PhD

vial # 4

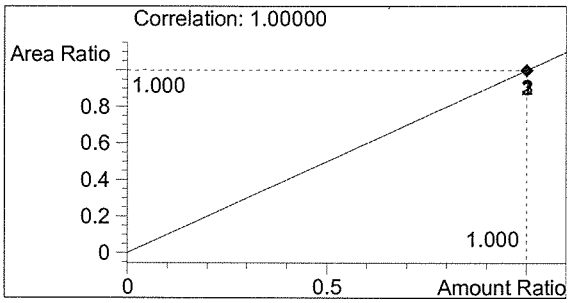


#	Compound	Area	RT
1	ETHANOL	4151	1.092
2	n-PROPANOL	3074	1.754

Totals:



ETHANOL 0.316 g/100mL



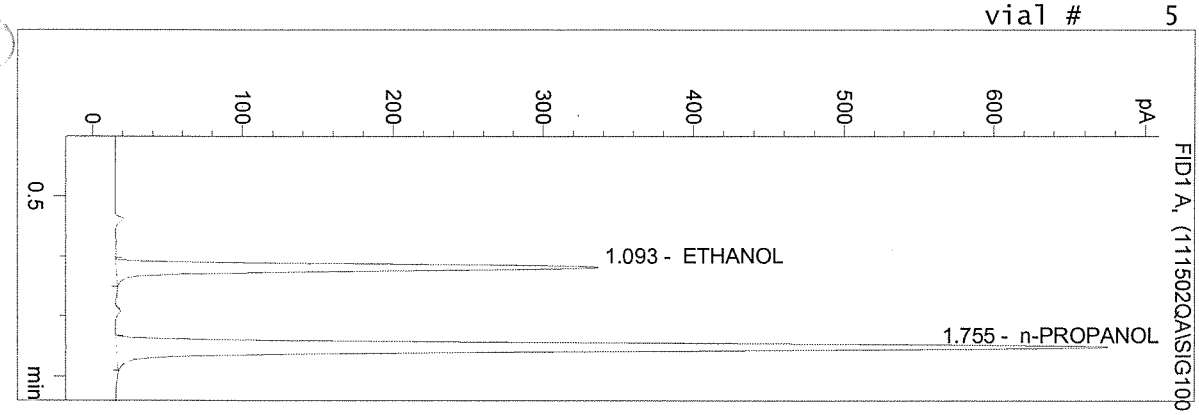
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 11:04:49 AM
Instrument 3
DB-ALC1

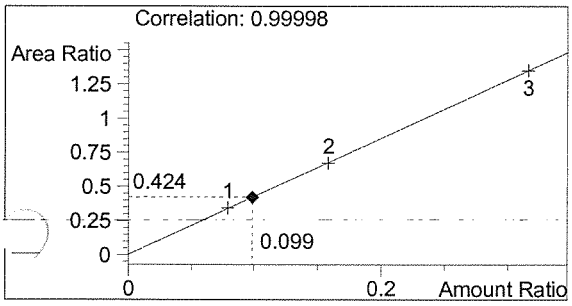
0.10 CTRL
Naziha Nuwayhid, PhD

vial # 5

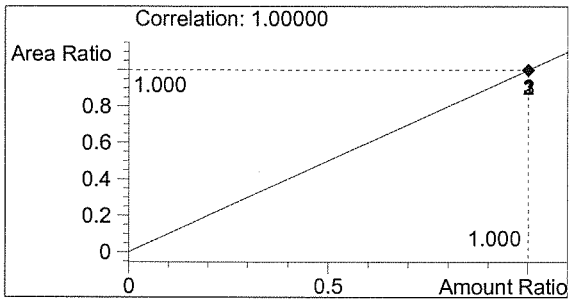


#	Compound	Area	RT
1	ETHANOL	1292	1.093
2	n-PROPANOL	3049	1.755

Totals:



ETHANOL 0.099 g/100mL



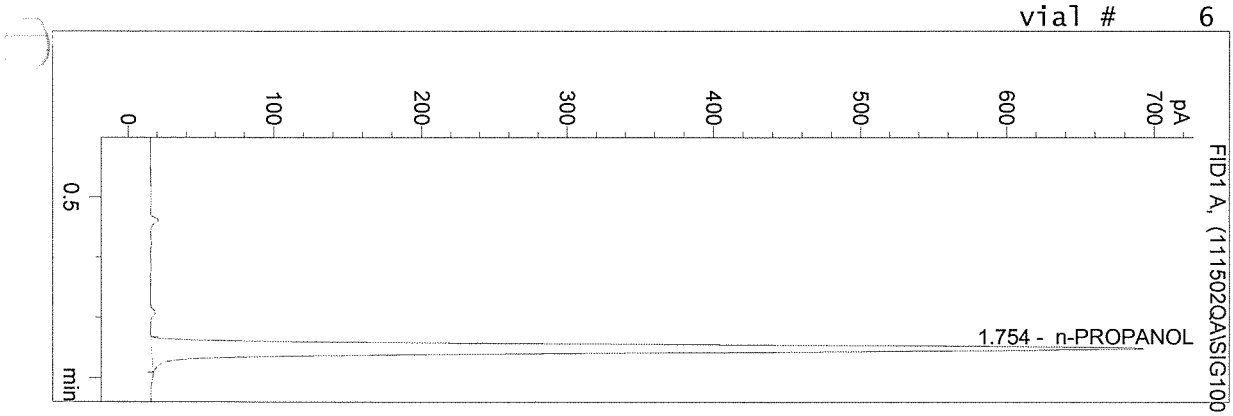
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
11/15/02 11:07:58 AM
Instrument 3
DB-ALC1

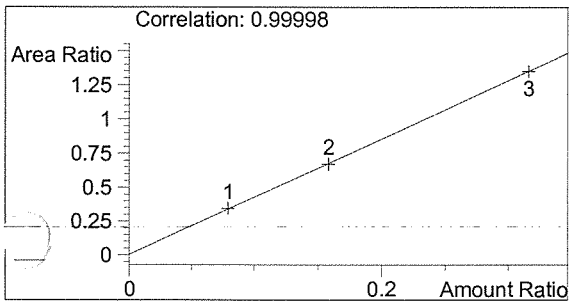
BLANK
Naziha Nuwayhid, PhD

vial # 6

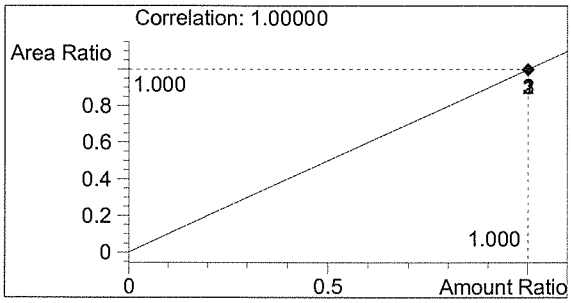


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3114	1.754

Totals:



ETHANOL 0.000 g/100mL



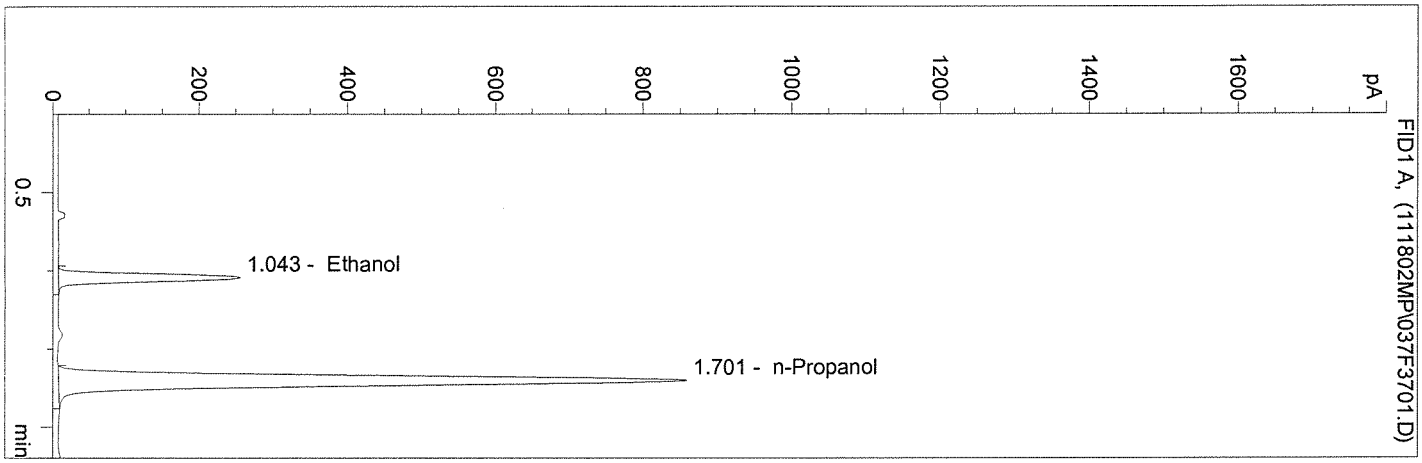
n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/18/02 12:40:25 PM
Instrument 1
-ALC1

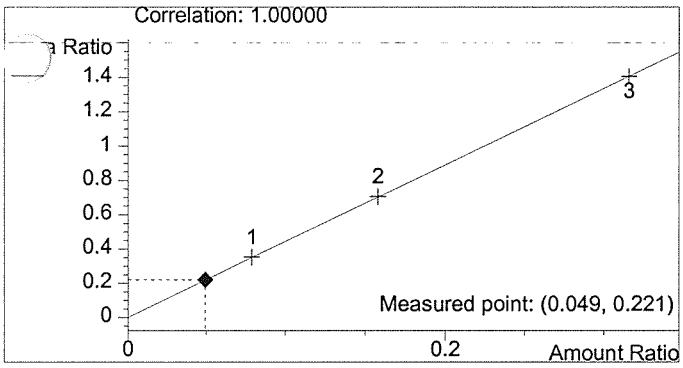
02040 qa
m pemberton

vial # 37

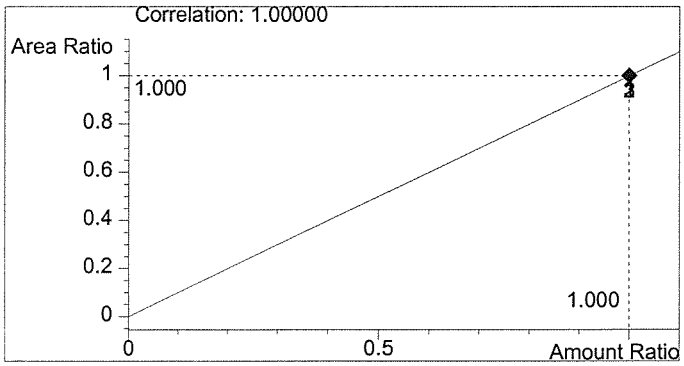


#	Compound	Area	RT
1	Ethanol	815	1.043
2	n-Propanol	3687	1.701

Totals:



Ethanol 0.049 g/100ml



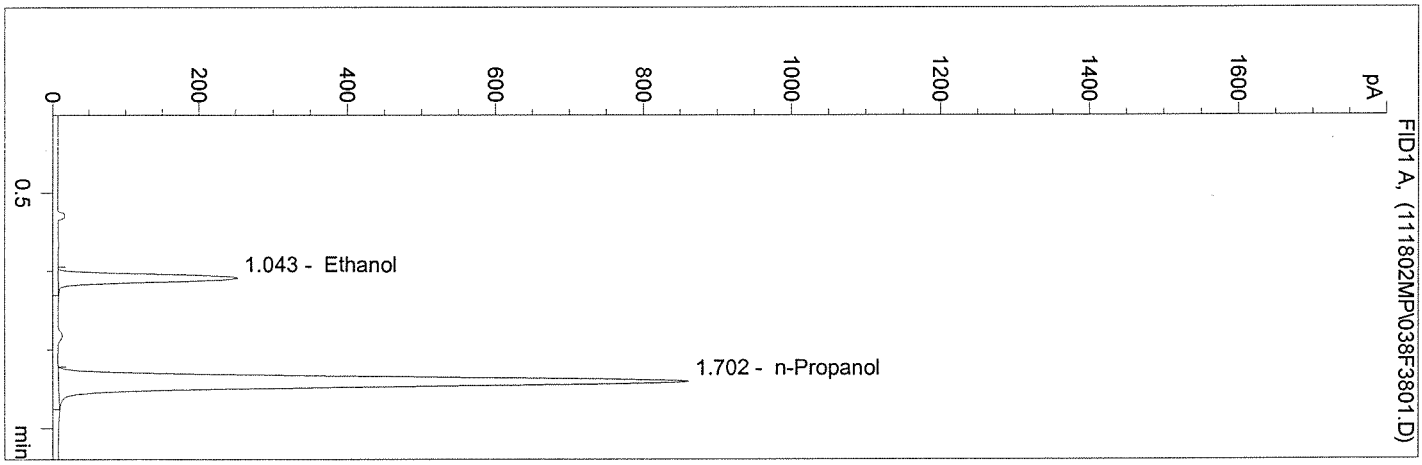
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/18/02 12:43:26 PM
Instrument 1
-ALC1

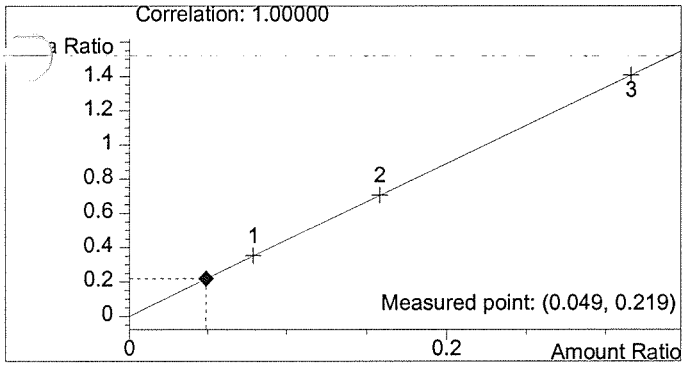
02040qa
m pemberton

vial # 38

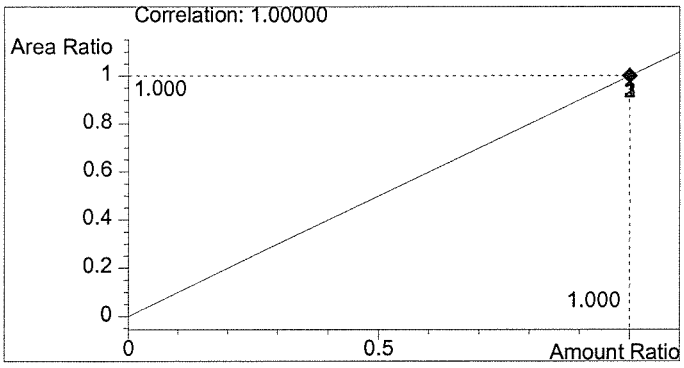


#	Compound	Area	RT
1	Ethanol	815	1.043
2	n-Propanol	3712	1.702

Totals:



Ethanol 0.049 g/100ml

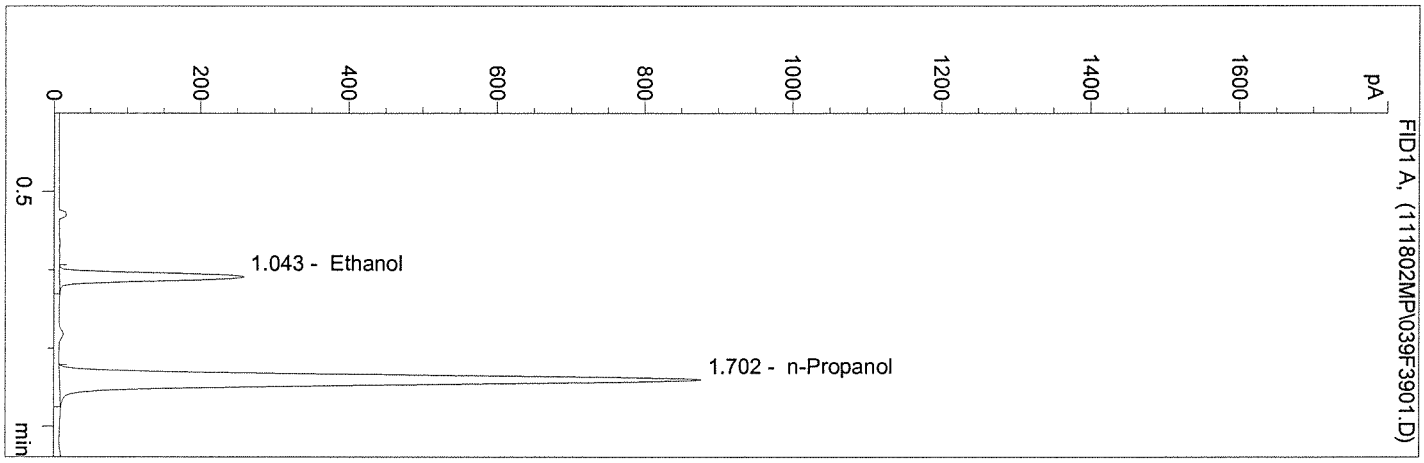


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

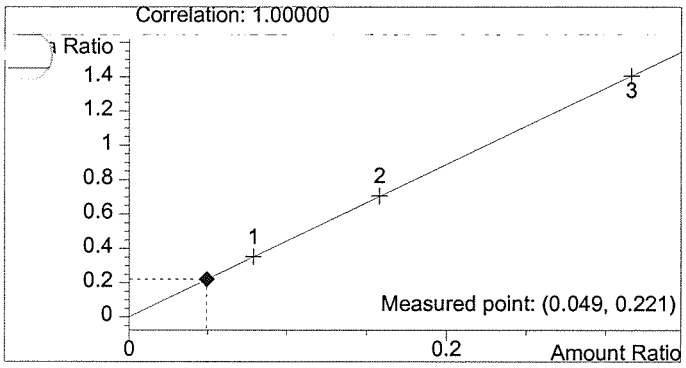
C:\HPCHEM\1\METHODS\BLDALCO.M
11/18/02 12:46:28 PM 02040qa
Instrument 1 m pemberton
ALC1

vial # 39

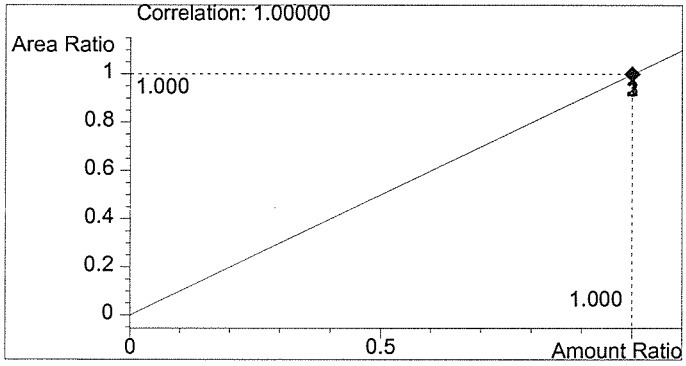


#	Compound	Area	RT
1	Ethanol	835	1.043
2	n-Propanol	3783	1.702

Totals:



Ethanol 0.049 g/100ml



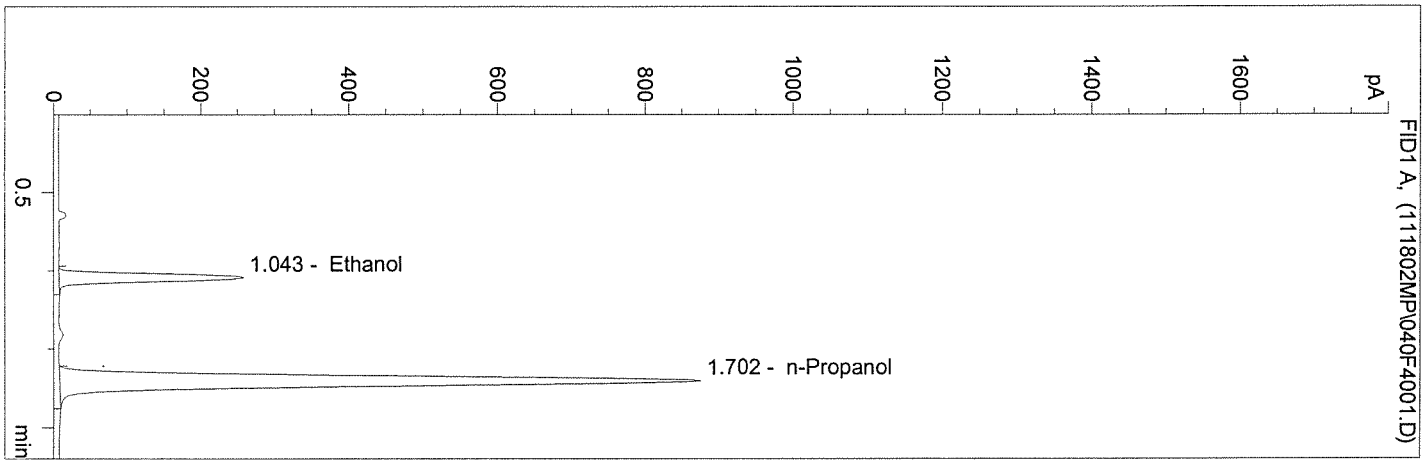
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/18/02 12:49:46 PM
Instrument 1
-ALC1

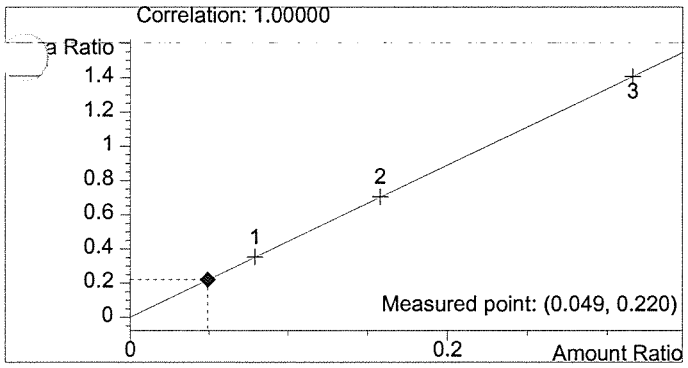
02040qa
m pemberton

vial # 40

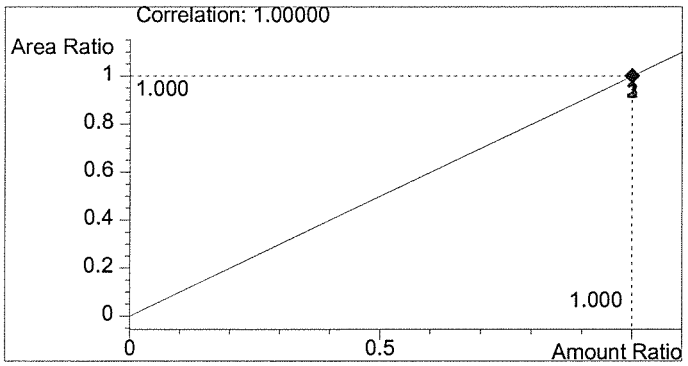


#	Compound	Area	RT
1	Ethanol	831	1.043
2	n-Propanol	3768	1.702

Totals:



Ethanol 0.049 g/100ml



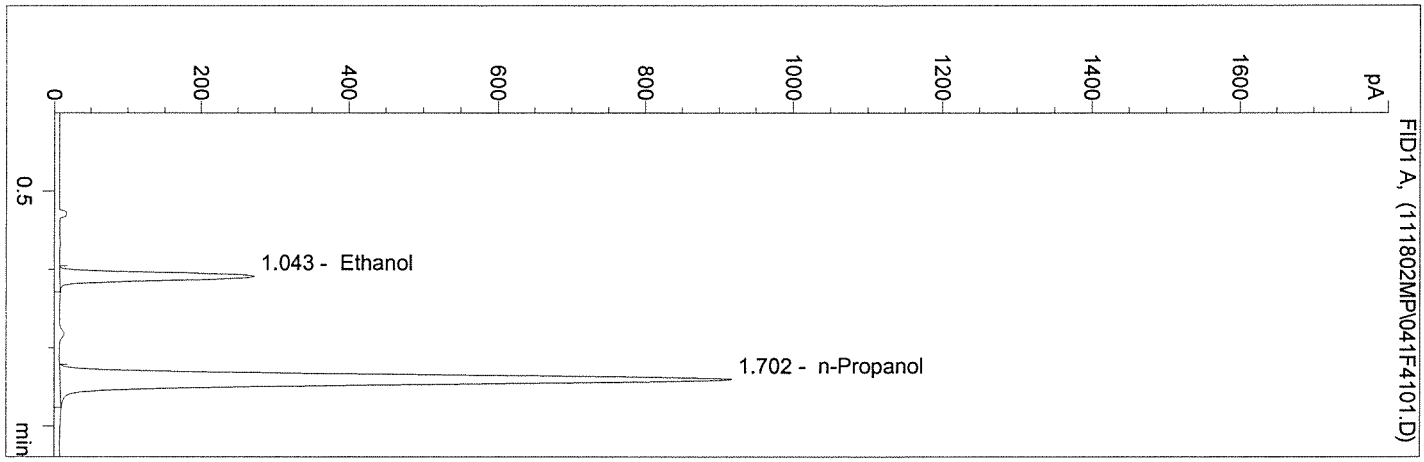
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/18/02 12:52:48 PM
Instrument 1
-ALC1

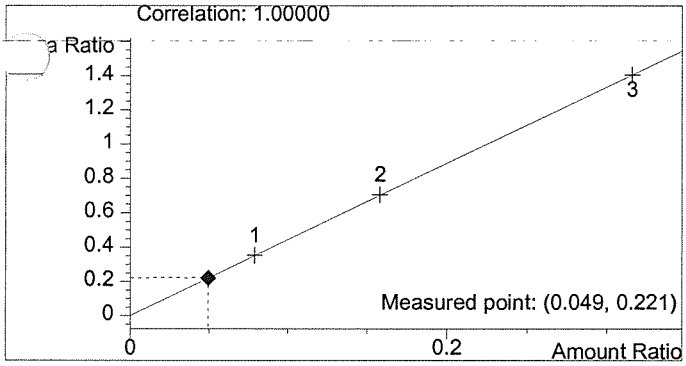
02040 qa
m pemberton

vial # 41

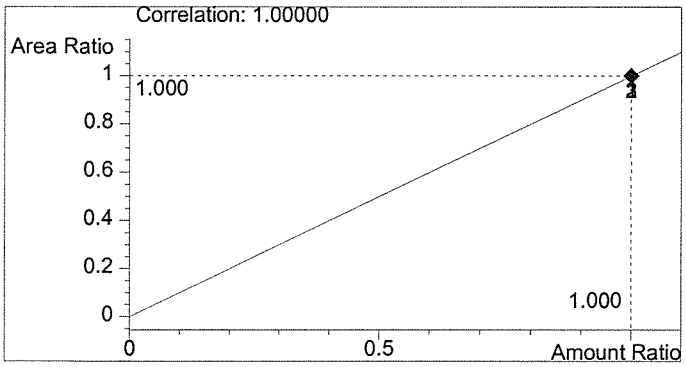


#	Compound	Area	RT
1	Ethanol	872	1.043
2	n-Propanol	3944	1.702

Totals:



Ethanol 0.049 g/100ml



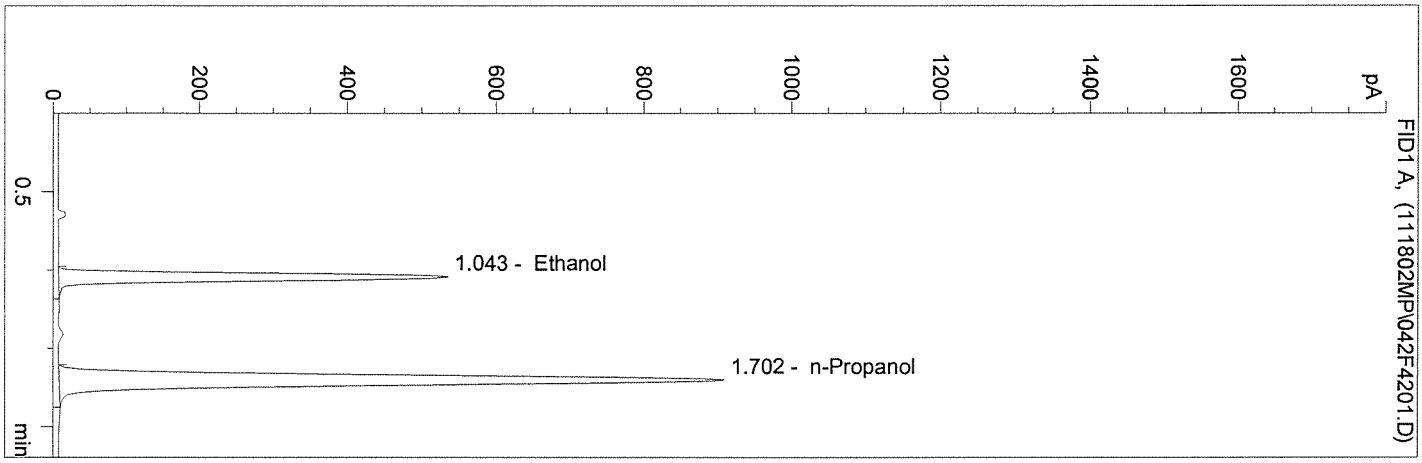
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
11/18/02 12:55:50 PM
Instrument 1
-ALC1

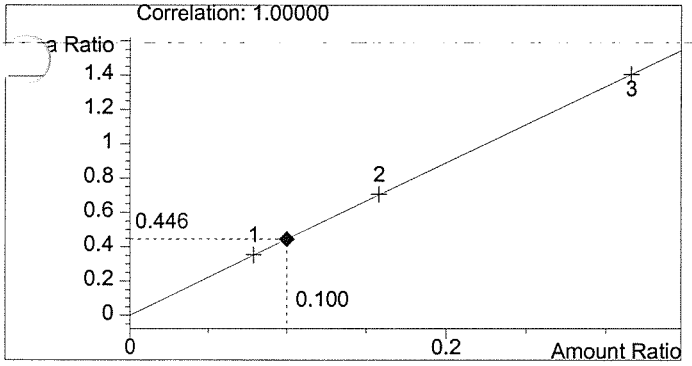
0.10 control
m pemberton

vial # 42

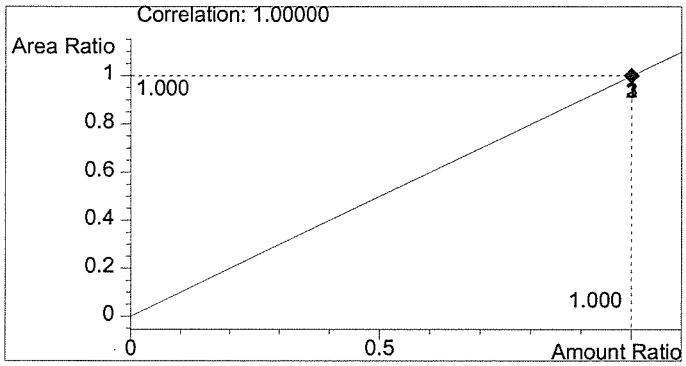


#	Compound	Area	RT
1	Ethanol	1743	1.043
2	n-Propanol	3911	1.702

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY Cal w/ 02039

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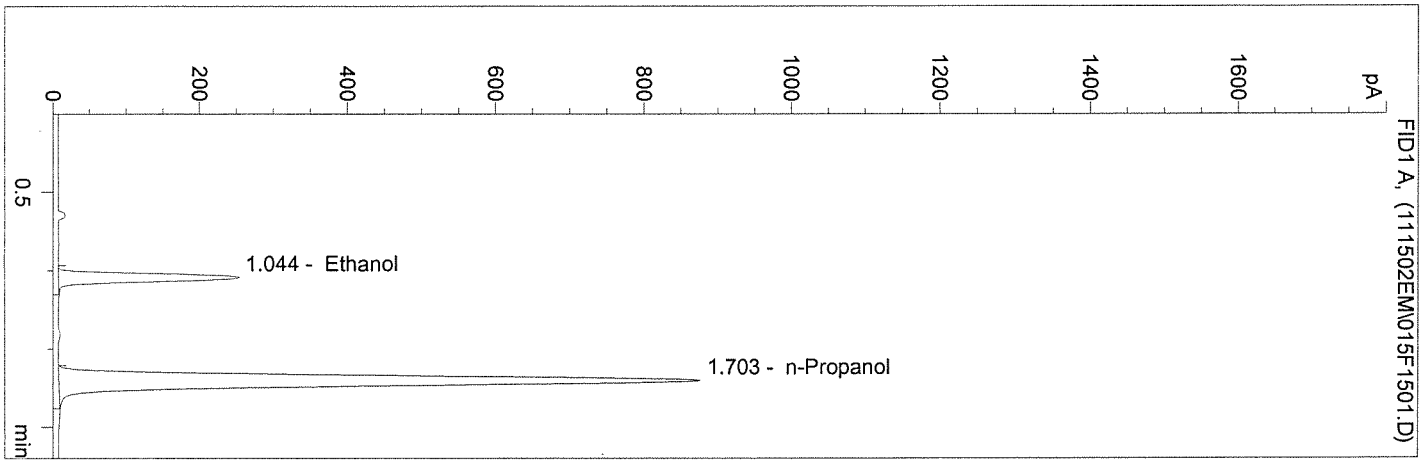
Instrument 1
-ALC1

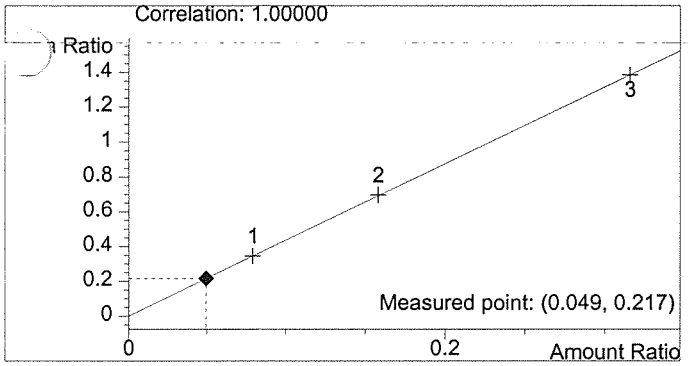
Q.A. Sol. 02040
Estuardo J. Miranda

vial # 15

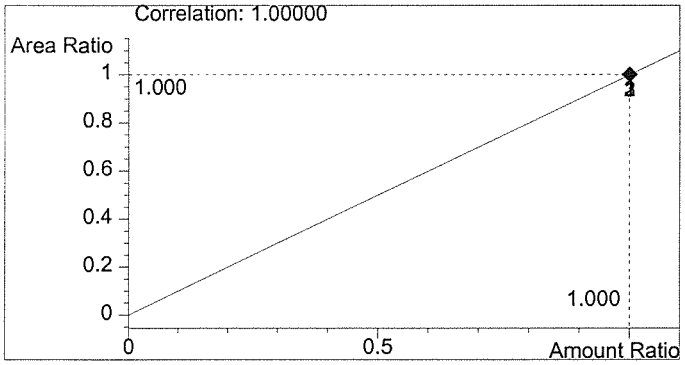


#	Compound	Area	RT
1	Ethanol	820	1.044
2	n-Propanol	3782	1.703

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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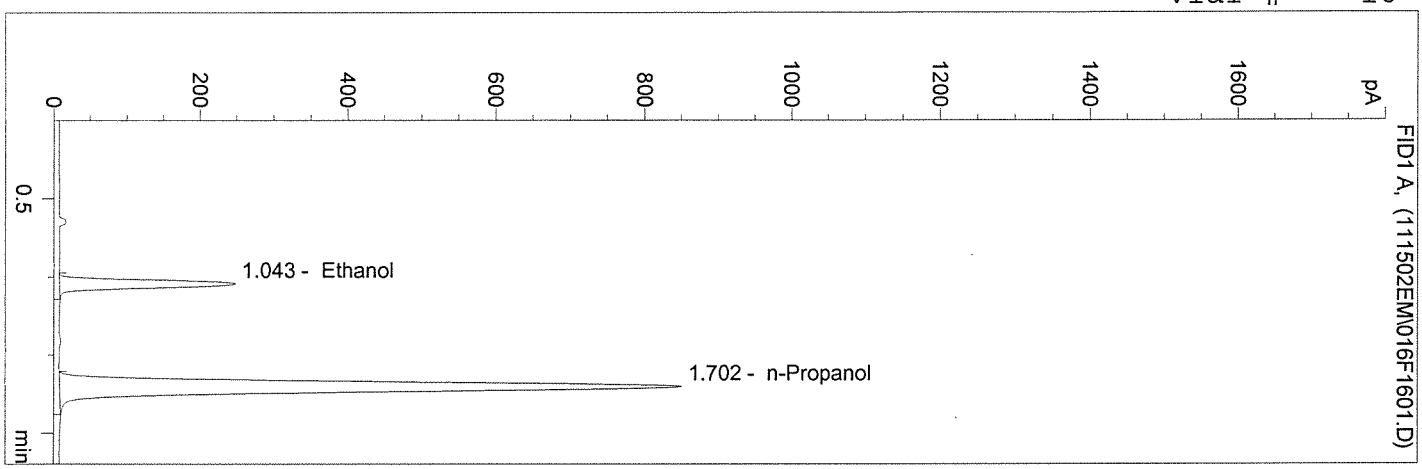
Instrument 1
-ALC1

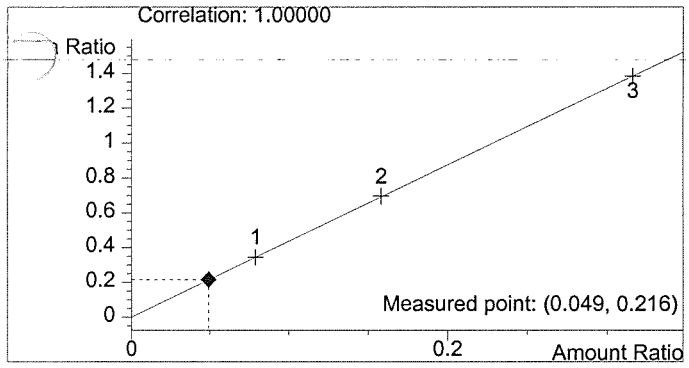
Q.A. Sol. 02040
Estuardo J. Miranda

vial # 16

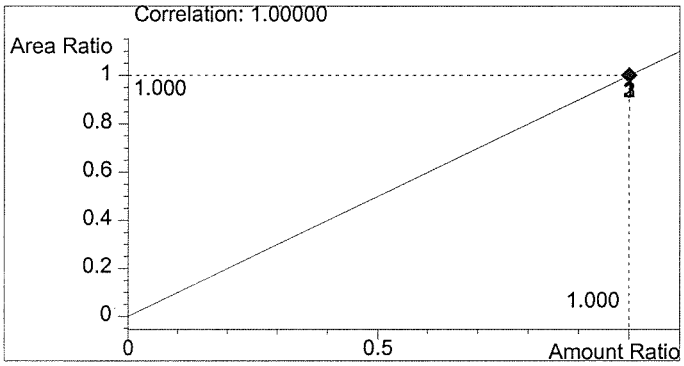


#	Compound	Area	RT
1	Ethanol	787	1.043
2	n-Propanol	3646	1.702

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

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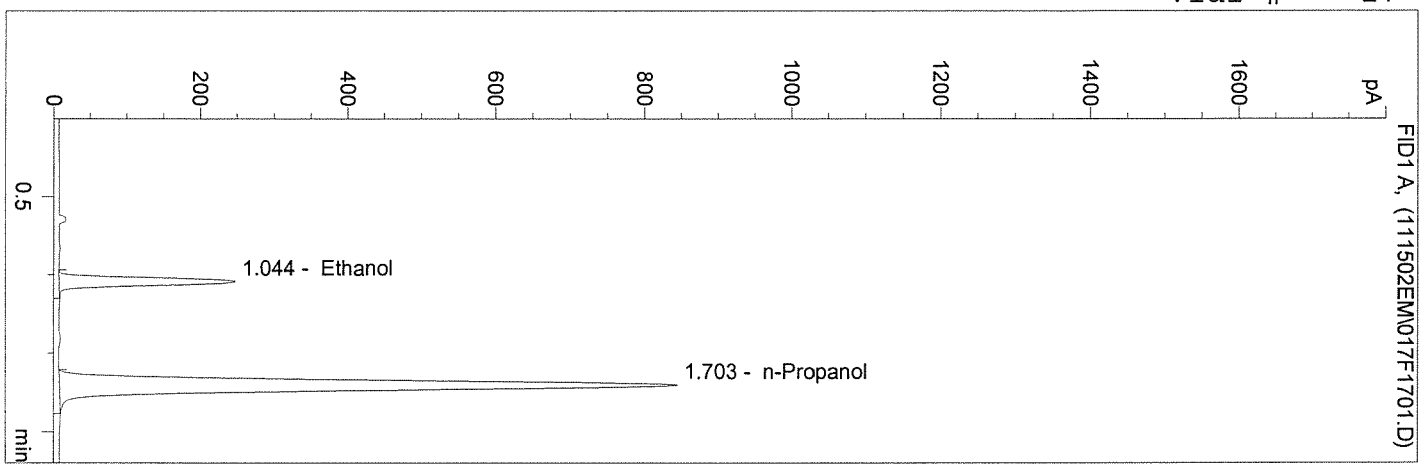
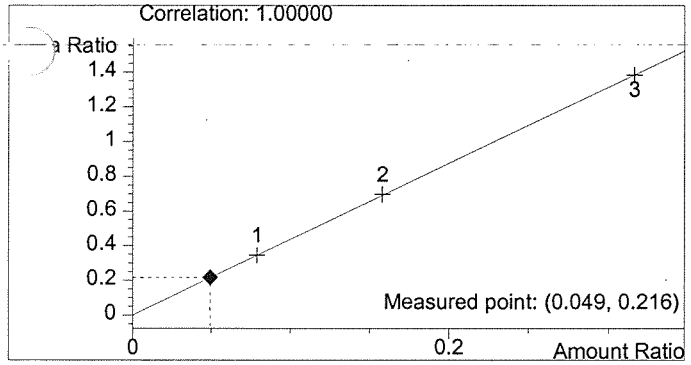
Instrument 1
-ALC1

Q.A. Sol. 02040
Estuardo J. Miranda

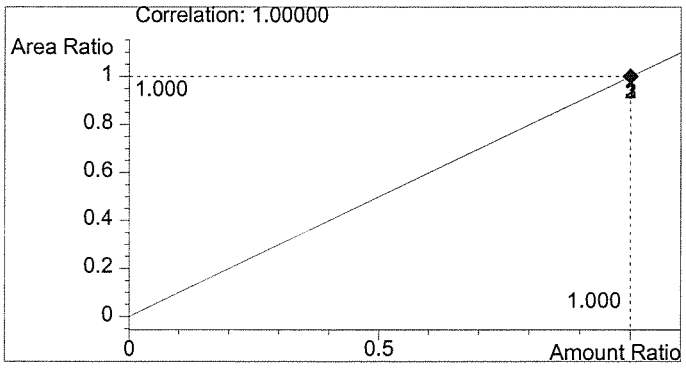
vial # 17



#	Compound	Area	RT
1	Ethanol	784	1.044
2	n-Propanol	3622	1.703
Totals:			



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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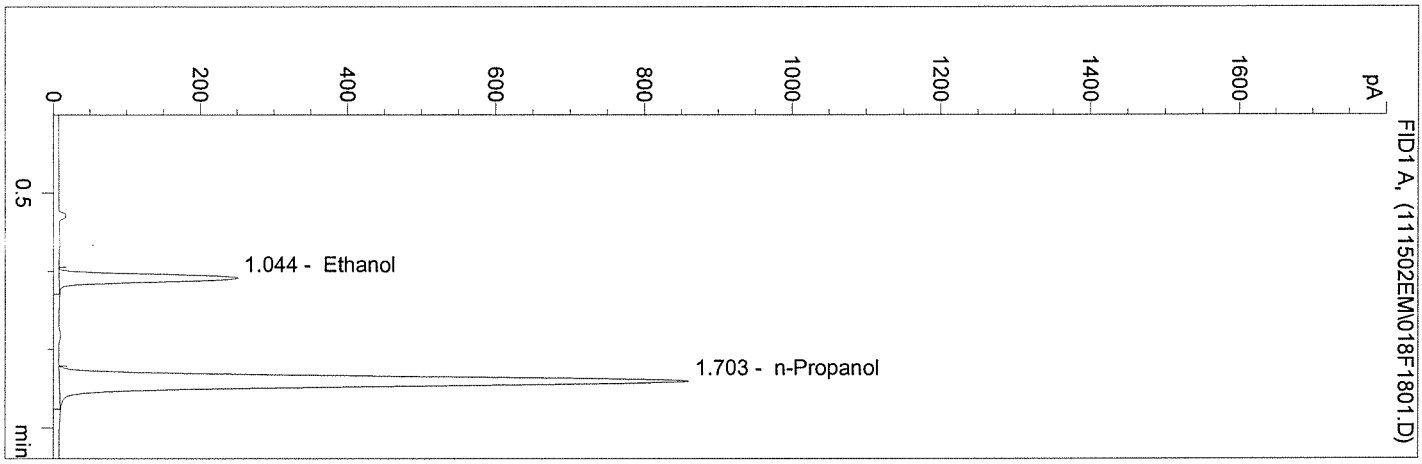
Instrument 1
-ALC1

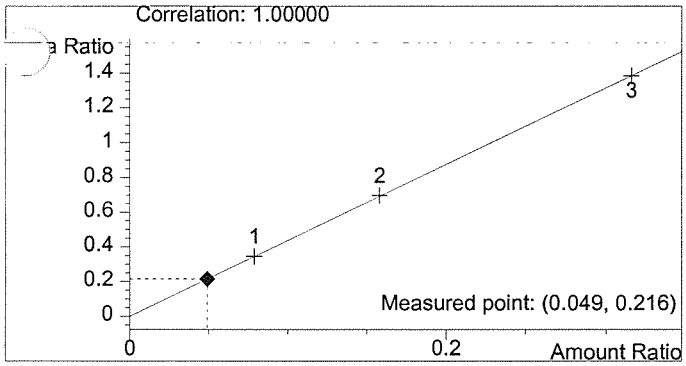
Q.A. Sol. 02040
Estuardo J. Miranda

vial # 18

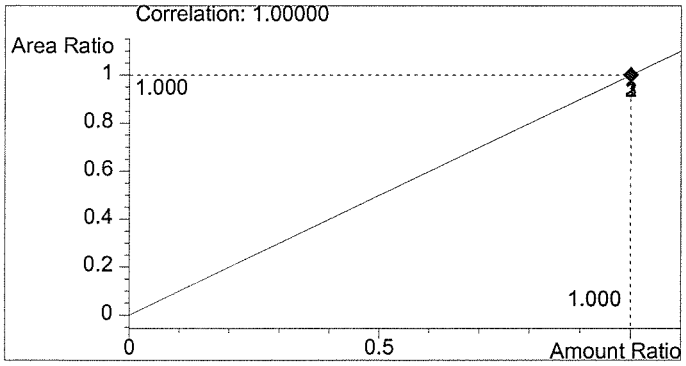


#	Compound	Area	RT
1	Ethanol	795	1.044
2	n-Propanol	3683	1.703

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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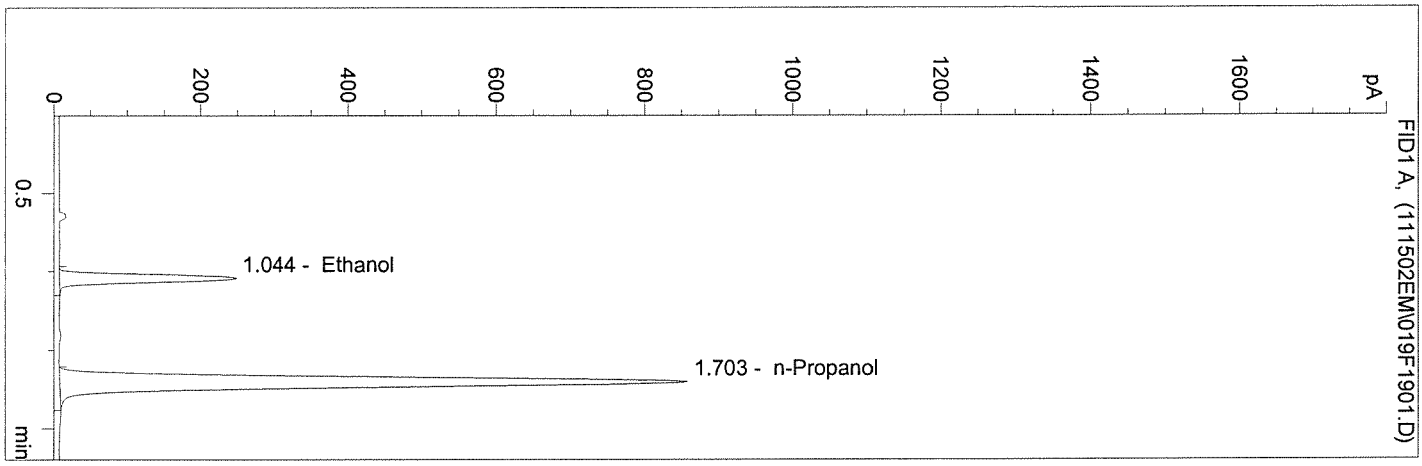
Instrument 1
ALC1

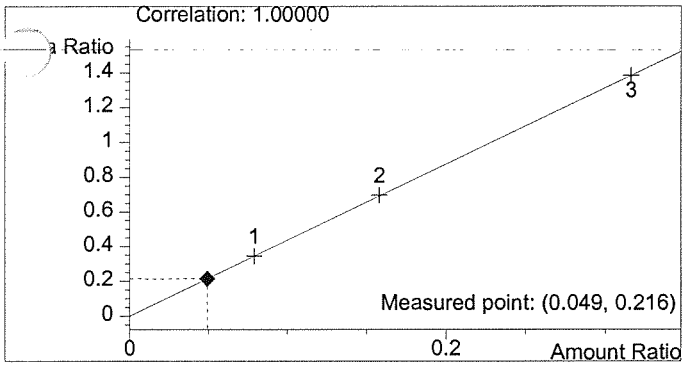
Q.A. Sol. 02040
Estuardo J. Miranda

vial # 19

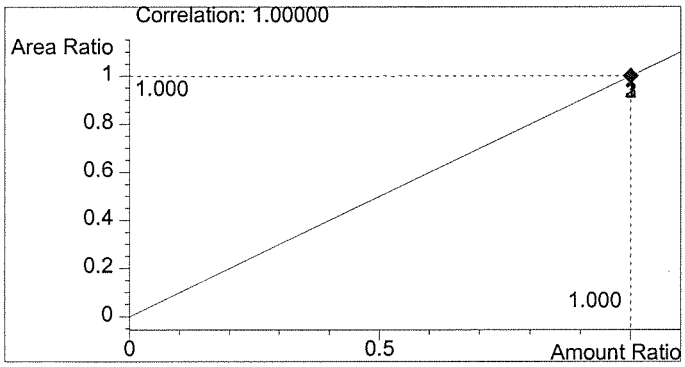


#	Compound	Area	RT
1	Ethanol	795	1.044
2	n-Propanol	3688	1.703

Totals:



Ethanol 0.049 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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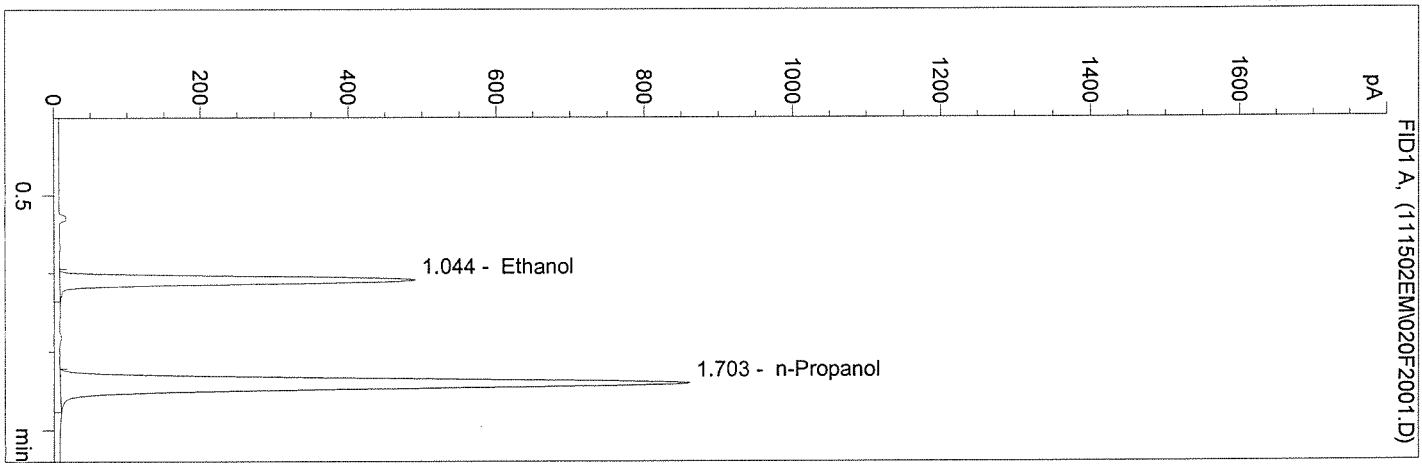
Instrument 1
-ALC1

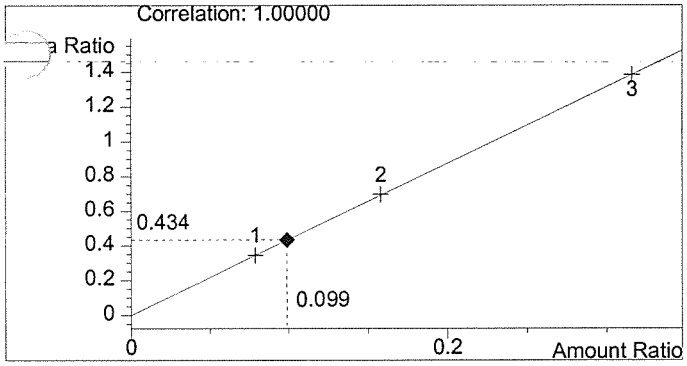
0.100 Control
Estuardo J. Miranda

vial # 20

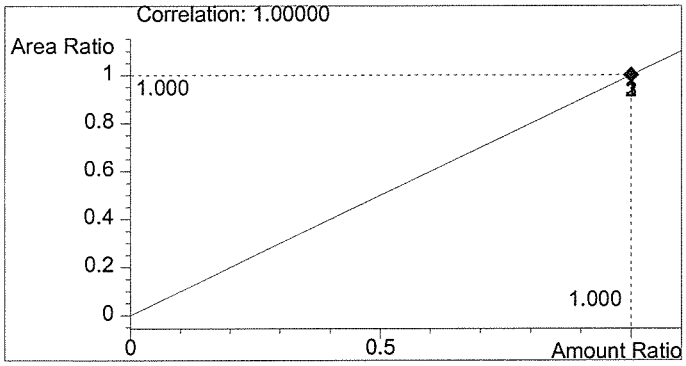


#	Compound	Area	RT
1	Ethanol	1609	1.044
2	n-Propanol	3709	1.703

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 1
-ALC1

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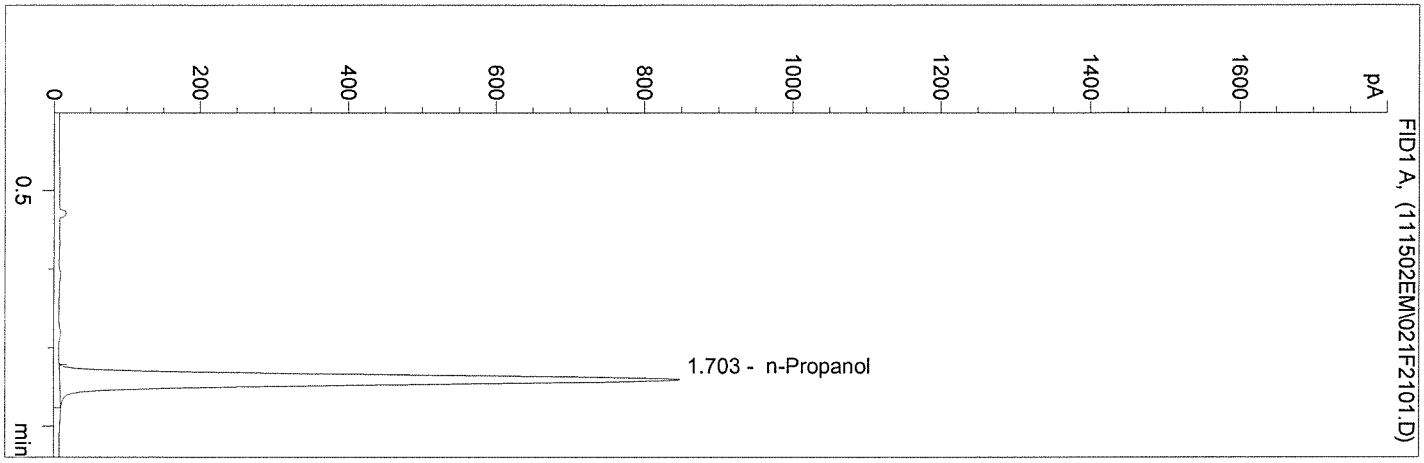
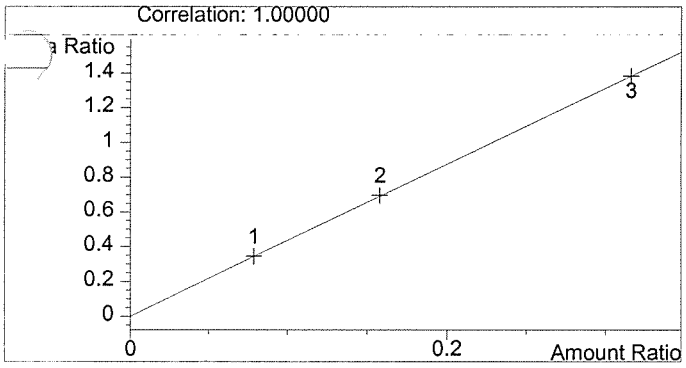
Estuardo J. Miranda

vial # 21

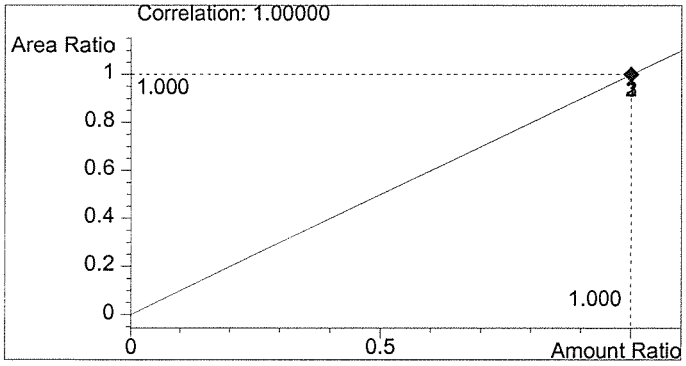


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3647	1.703

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

02041

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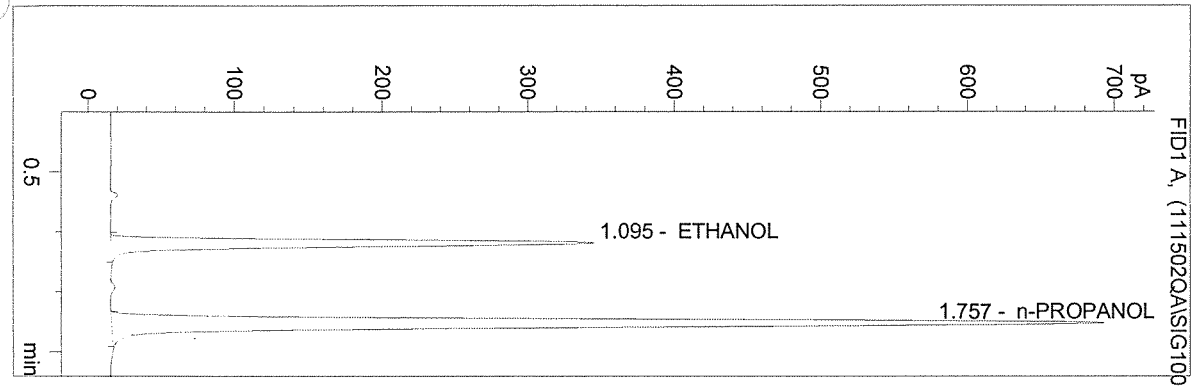
Instrument 3
DB-ALC1

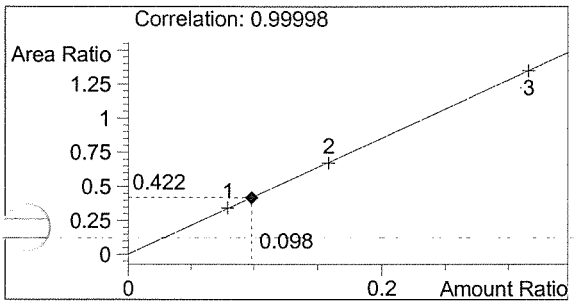
02041
Naziha Nuwayhid, PhD

vial # 14

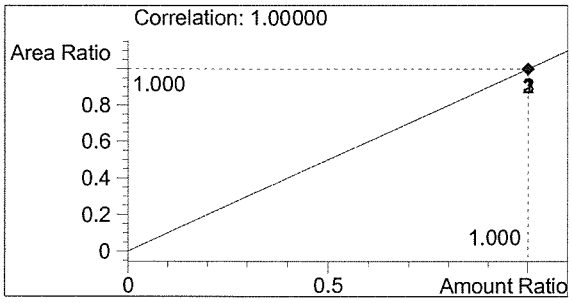


#	Compound	Area	RT
1	ETHANOL	1315	1.095
2	n-PROPANOL	3118	1.757

Totals:



ETHANOL 0.098 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
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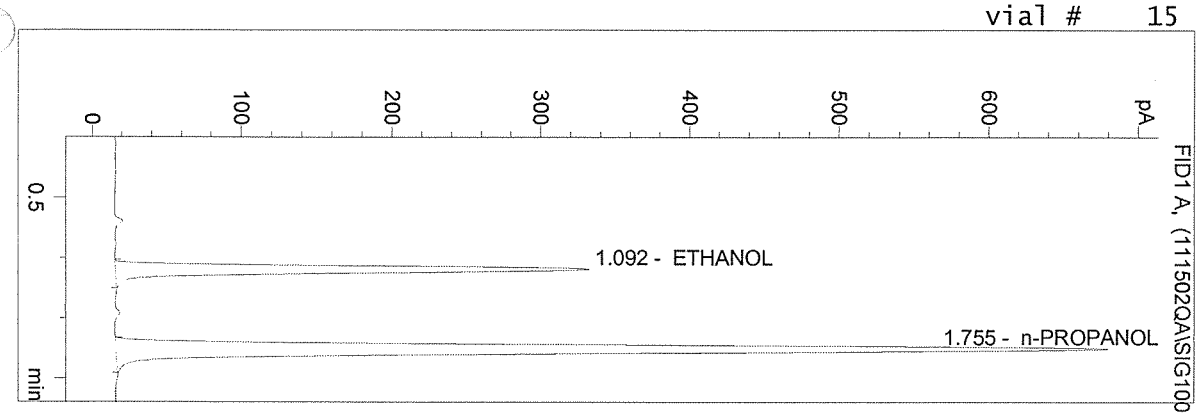
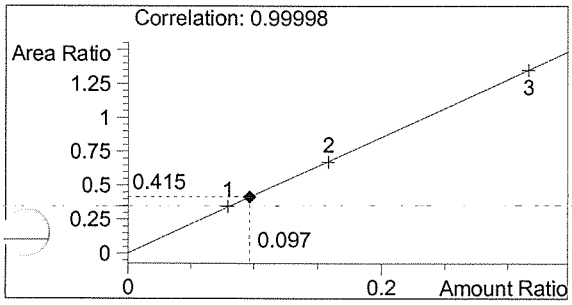
Naziha Nuwayhid, PhD

vial # 15

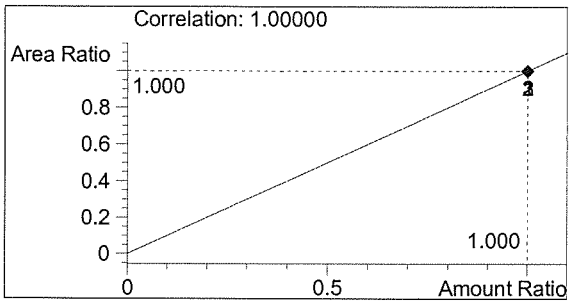


#	Compound	Area	RT
1	ETHANOL	1273	1.092
2	n-PROPANOL	3064	1.755

Totals:



ETHANOL 0.097 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
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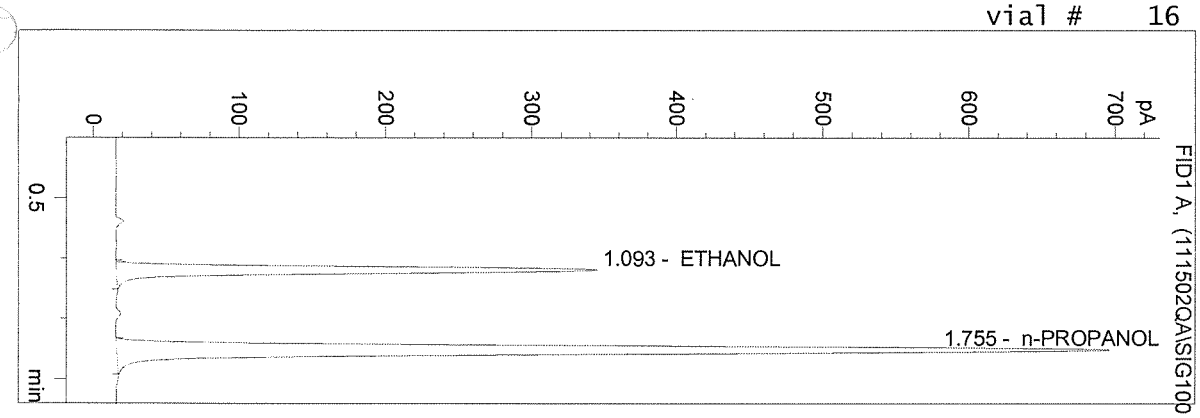
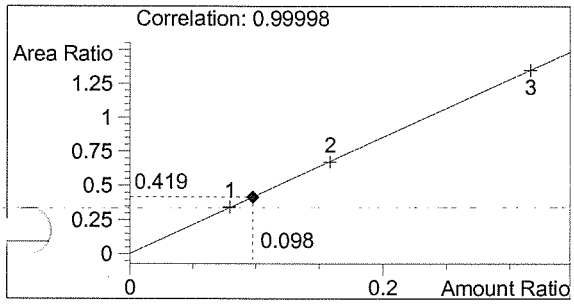
02041
Naziha Nuwayhid, PhD

vial # 16

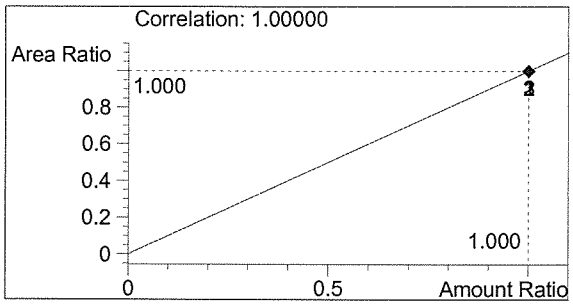


#	Compound	Area	RT
1	ETHANOL	1292	1.093
2	n-PROPANOL	3085	1.755

Totals:



ETHANOL 0.098 g/100mL



n-PROPANOL 1.000 g/100mL

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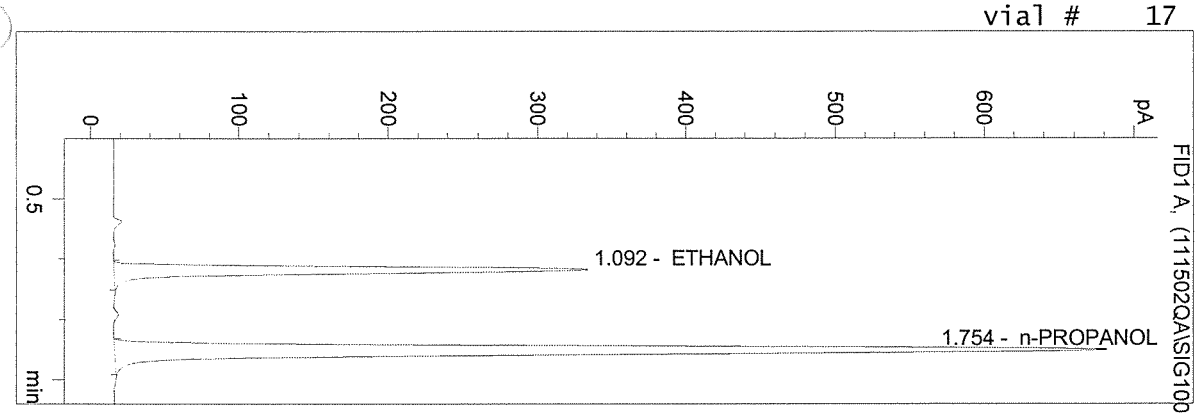
Instrument 3
DB-ALC1

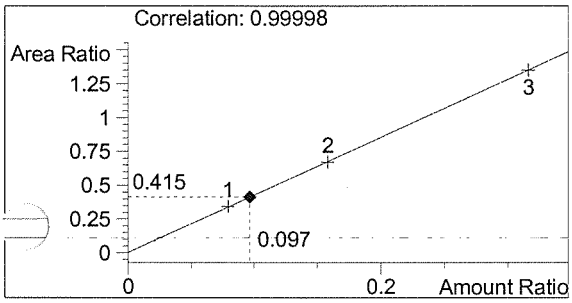
02041
Naziha Nuwayhid, PhD

vial # 17

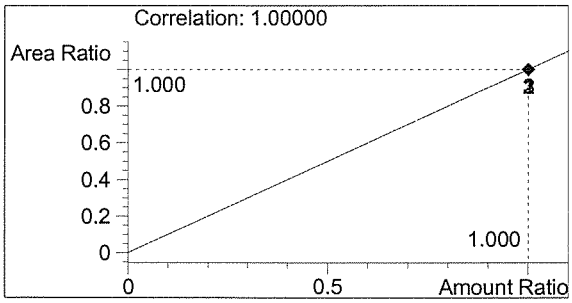


#	Compound	Area	RT
1	ETHANOL	1262	1.092
2	n-PROPANOL	3039	1.754

Totals:



ETHANOL 0.097 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
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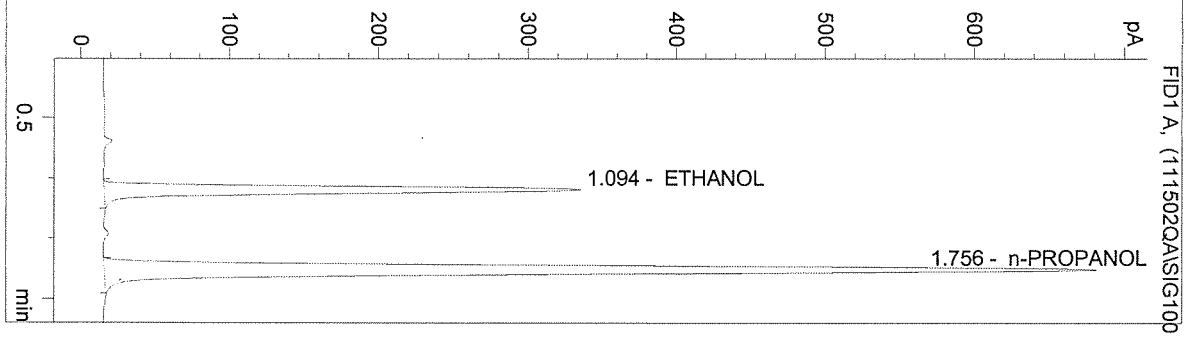
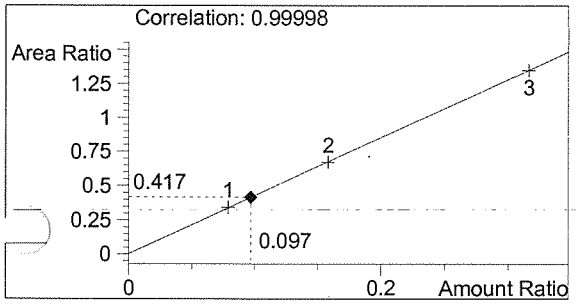
02041
Naziha Nuwayhid, PhD

vial # 18

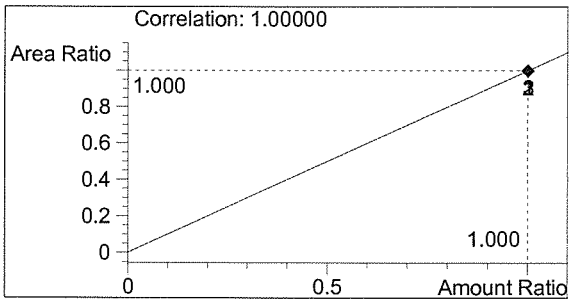


#	Compound	Area	RT
1	ETHANOL	1277	1.094
2	n-PROPANOL	3059	1.756

Totals:



ETHANOL 0.097 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
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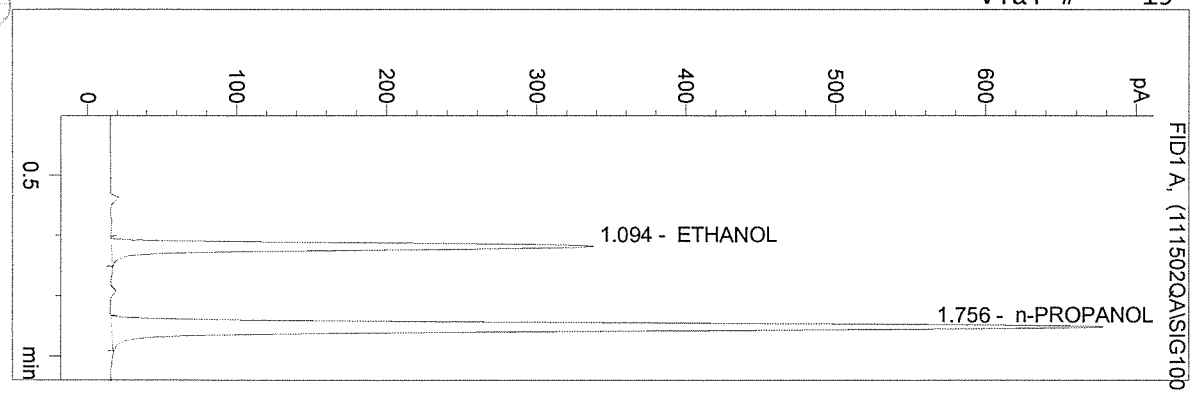
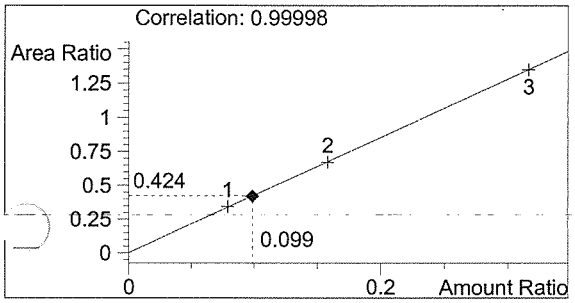
0.101 CAP
Naziha Nuwayhid, PhD

vial # 19

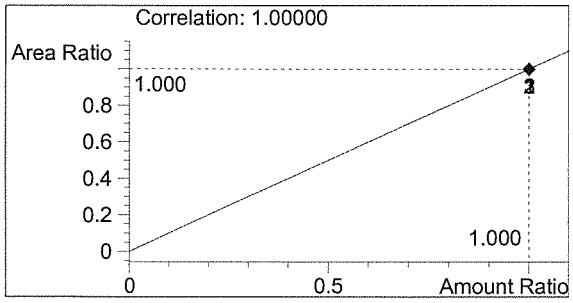


#	Compound	Area	RT
1	ETHANOL	1288	1.094
2	n-PROPANOL	3037	1.756

Totals:



ETHANOL 0.099 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
DB-ALC1

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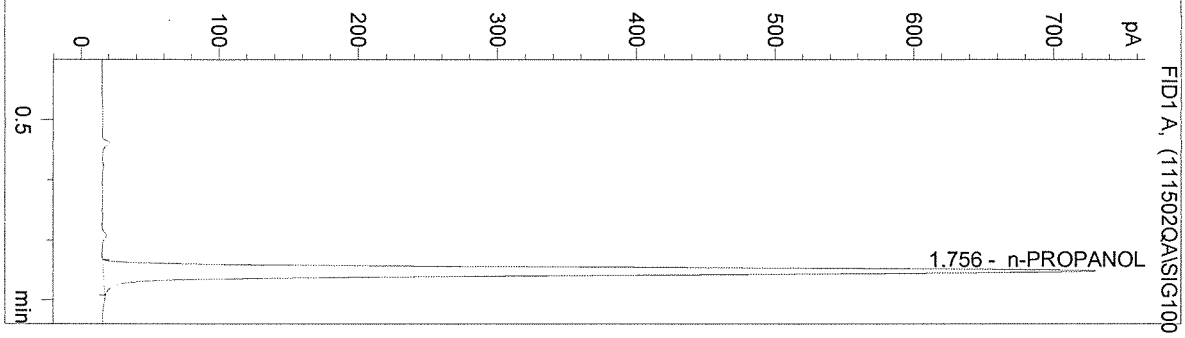
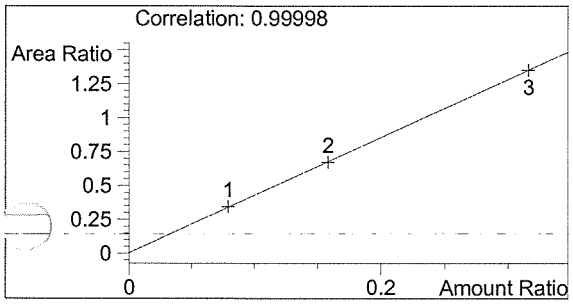
Naziha Nuwayhid, PhD

vial # 20

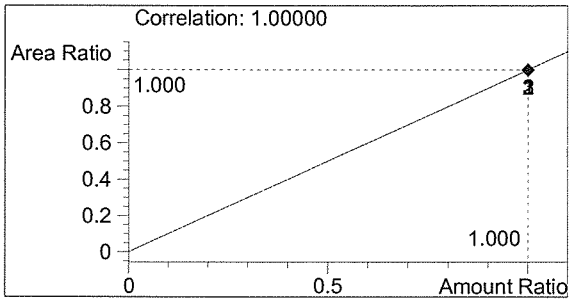


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3245	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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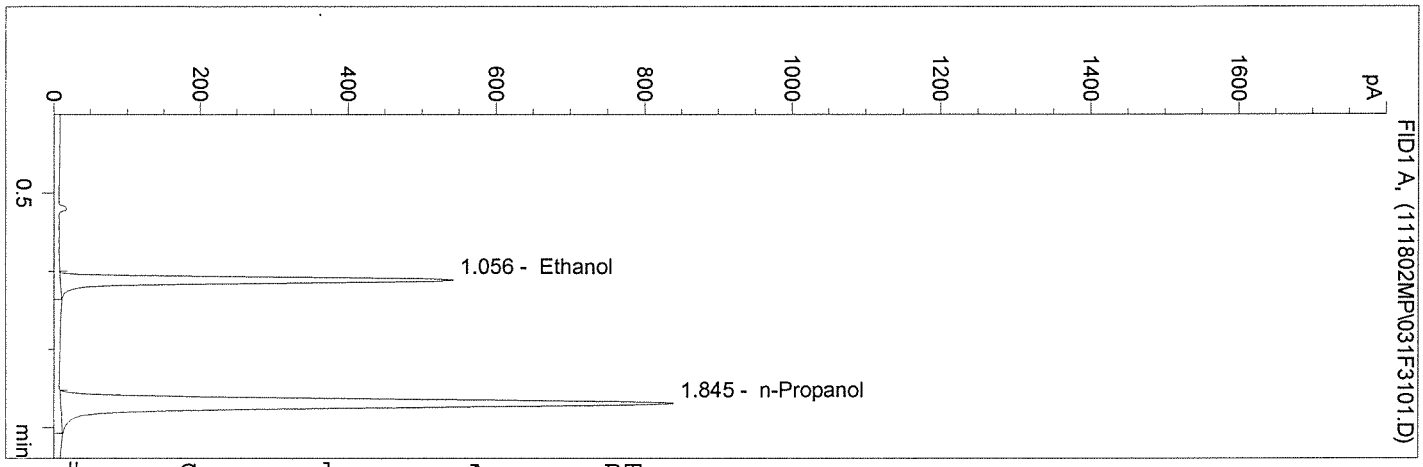
11/18/02 12:19:18 PM
Instrument 2
-ALC1

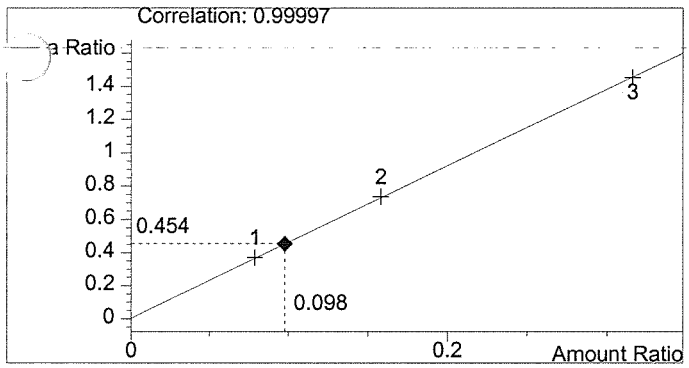
02041 qa
m pemberton

vial # 31

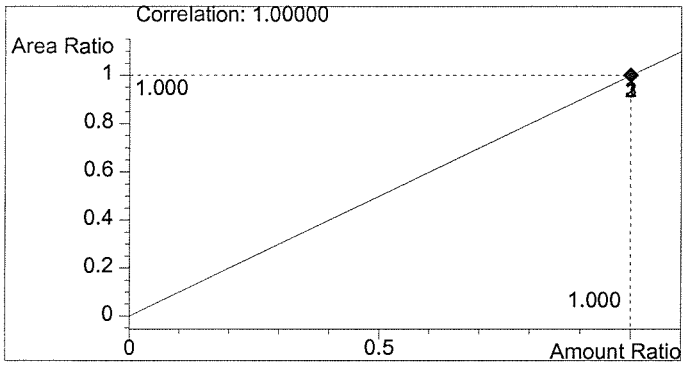


#	Compound	Area	RT
1	Ethanol	1464	1.056
2	n-Propanol	3227	1.845

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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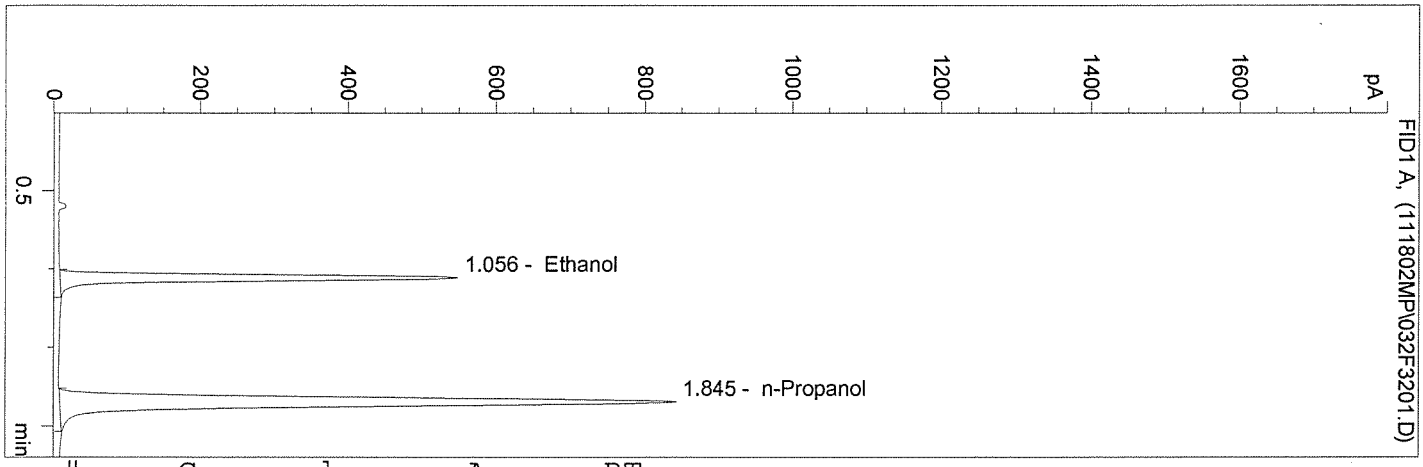
Instrument 2
-ALC1

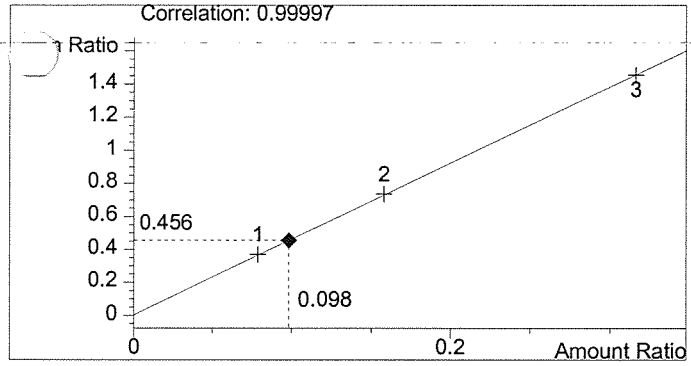
02041qa
m pemberton

vial # 32

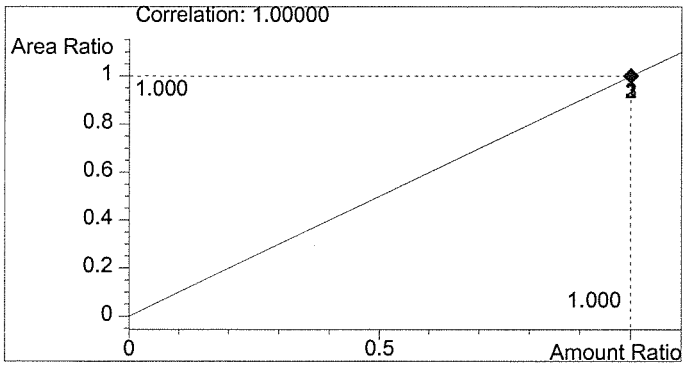


#	Compound	Area	RT
1	Ethanol	1477	1.056
2	n-Propanol	3236	1.845

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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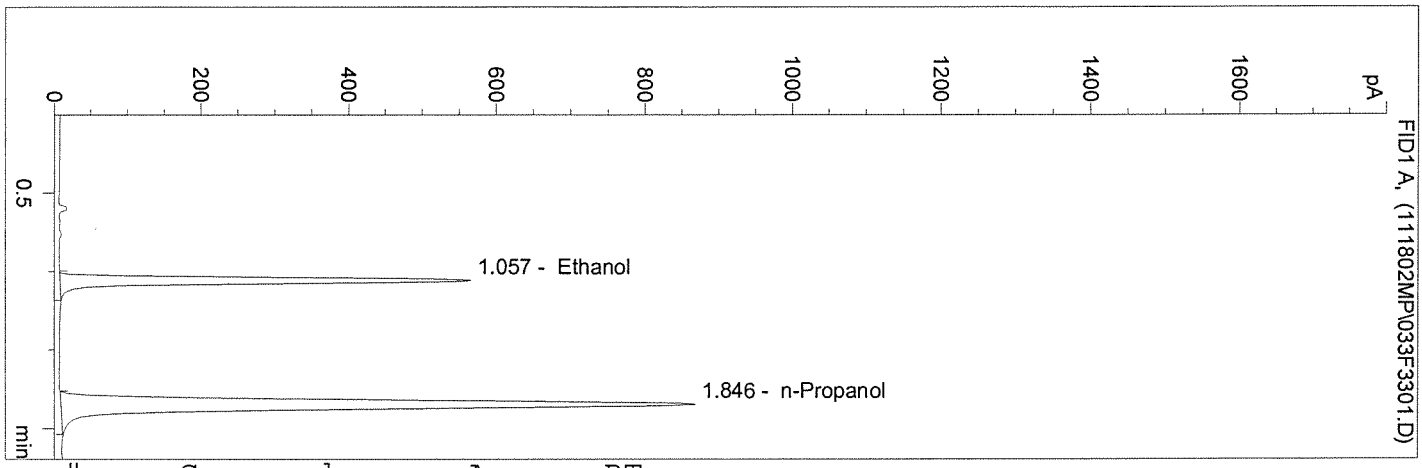
Instrument 2
-ALC1

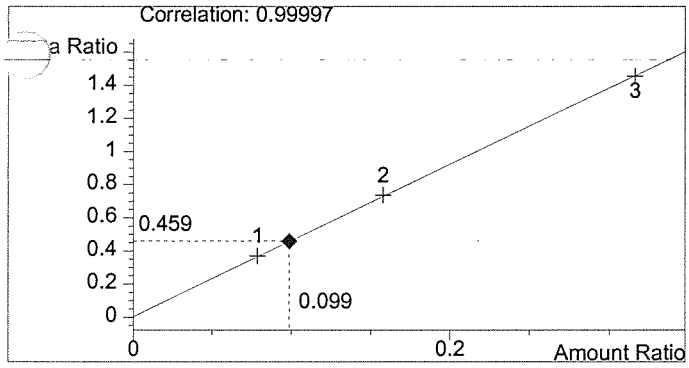
02041qa
m pemberton

vial # 33

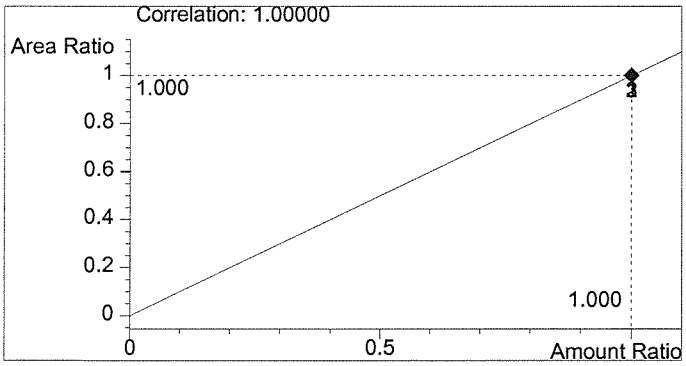


#	Compound	Area	RT
1	Ethanol	1530	1.057
2	n-Propanol	3335	1.846

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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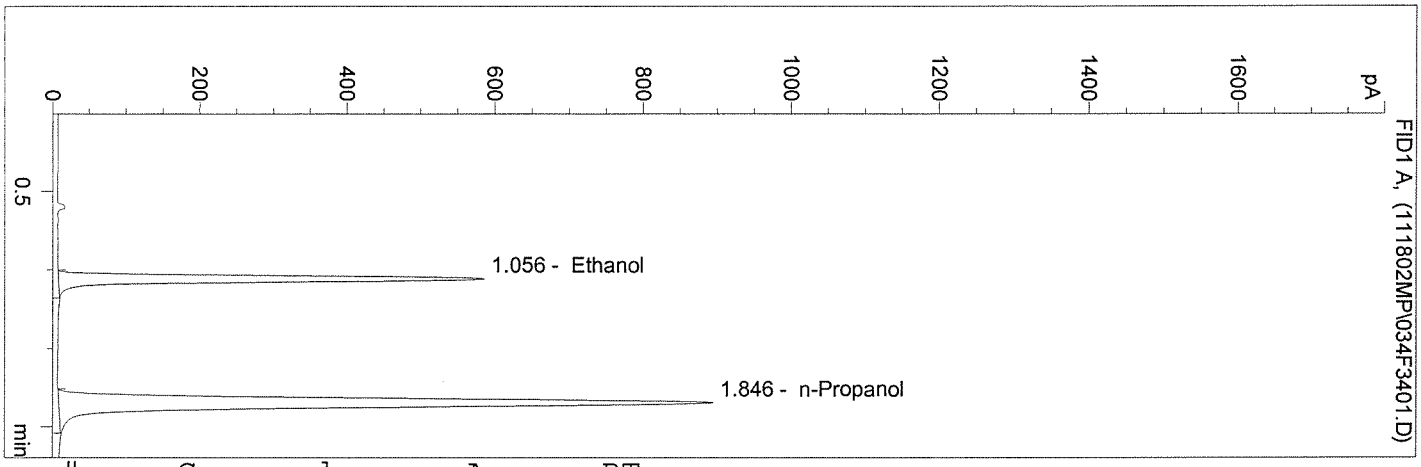
Instrument 2
-ALC1

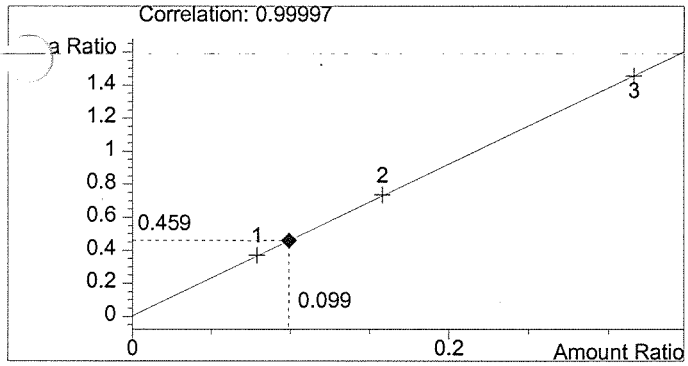
02041qa
m pemberton

vial # 34

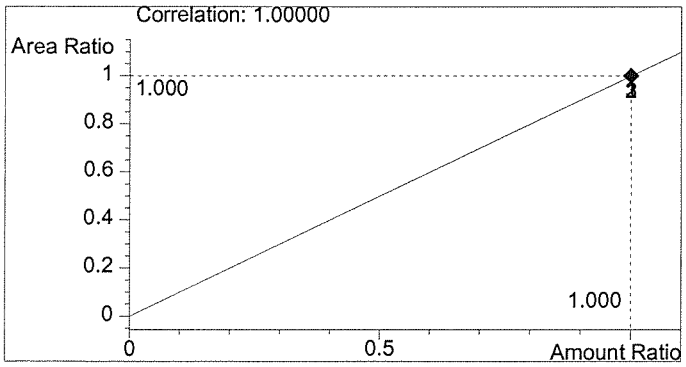


#	Compound	Area	RT
1	Ethanol	1578	1.056
2	n-Propanol	3438	1.846

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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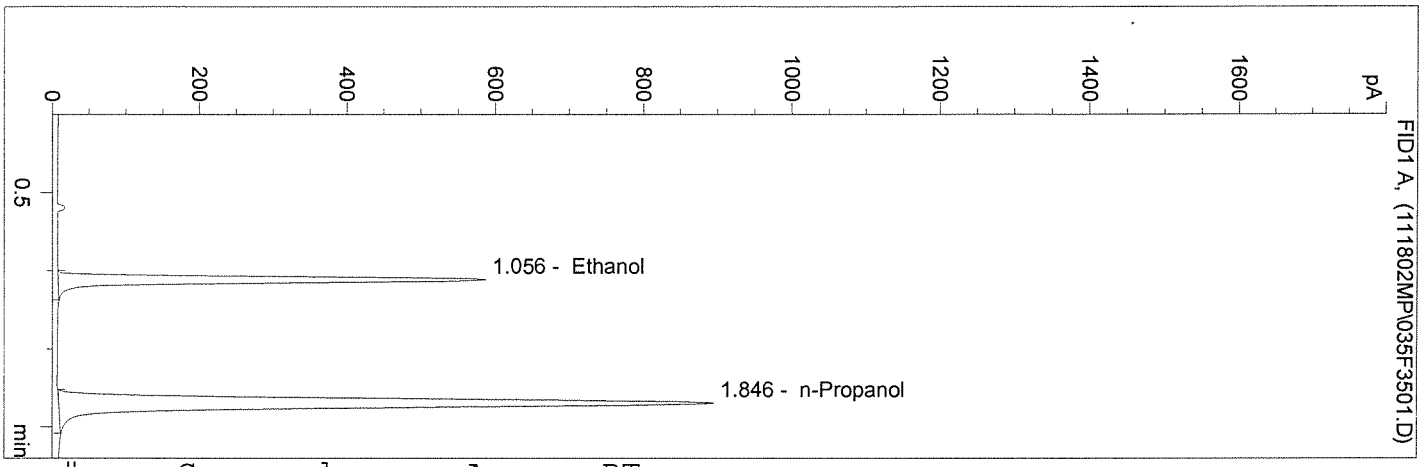
Instrument 2
-ALC1

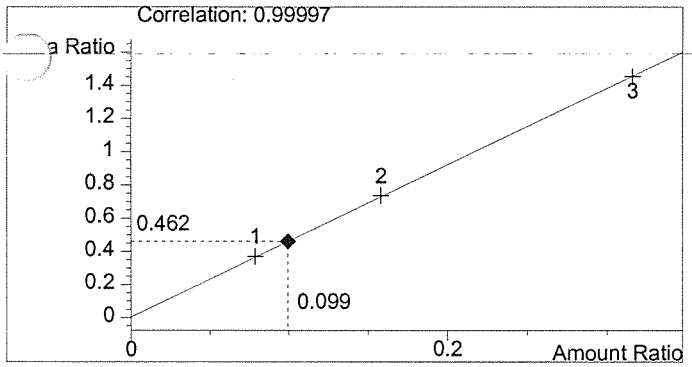
02041qa
m pemberton

vial # 35

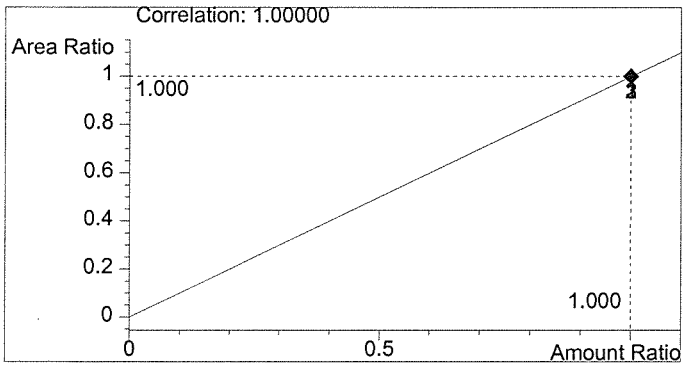


#	Compound	Area	RT
1	Ethanol	1591	1.056
2	n-Propanol	3448	1.846

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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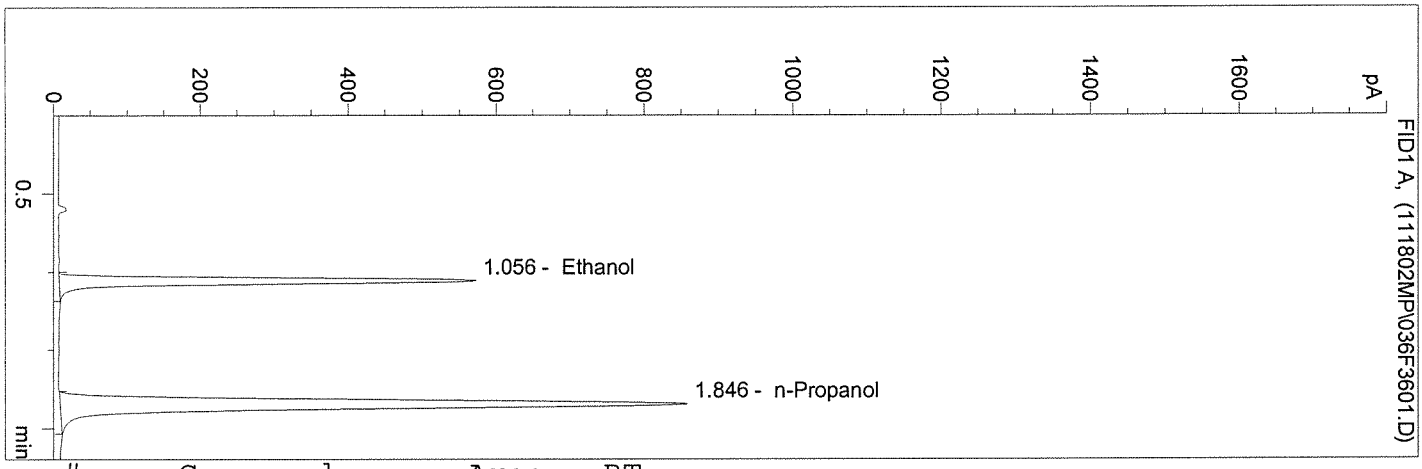
Instrument 2
-ALC1

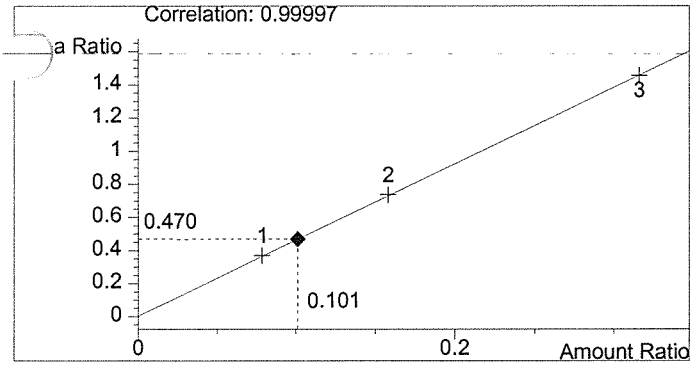
0.10 control
m pemberton

vial # 36

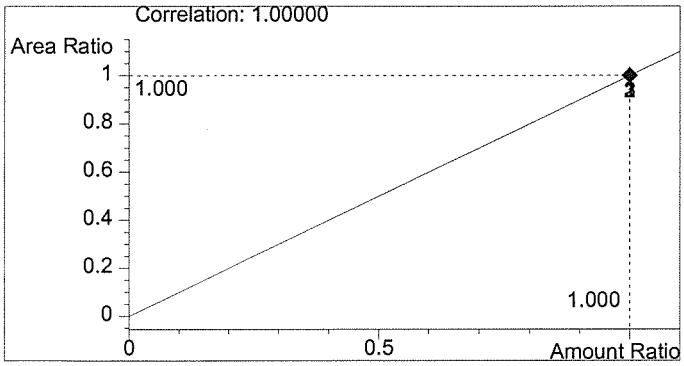


#	Compound	Area	RT
1	Ethanol	1551	1.056
2	n-Propanol	3301	1.846

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY Cal W102059

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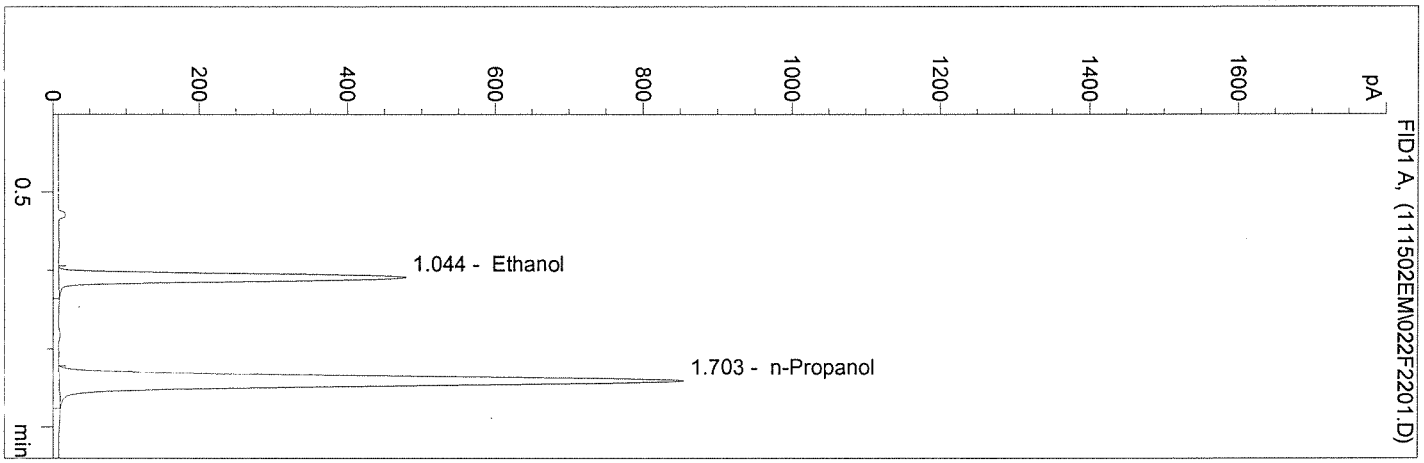
Instrument 1
ALC1

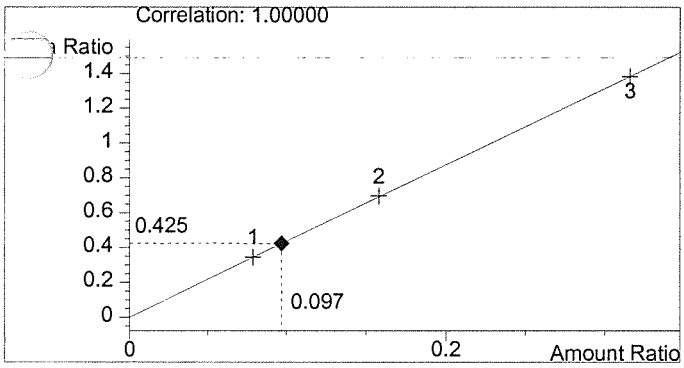
Q.A. Sol. 02041
Estuardo J. Miranda

vial # 22

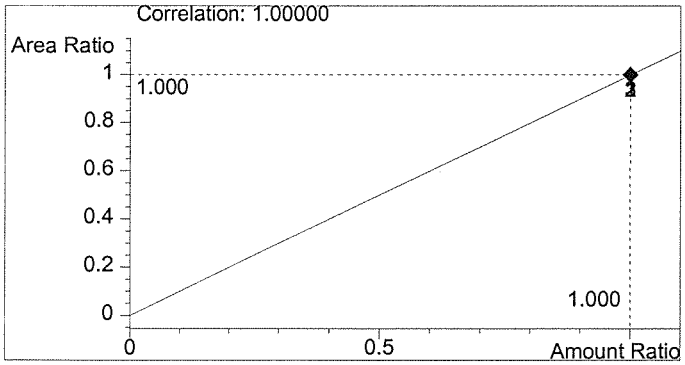


#	Compound	Area	RT
1	Ethanol	1570	1.044
2	n-Propanol	3695	1.703

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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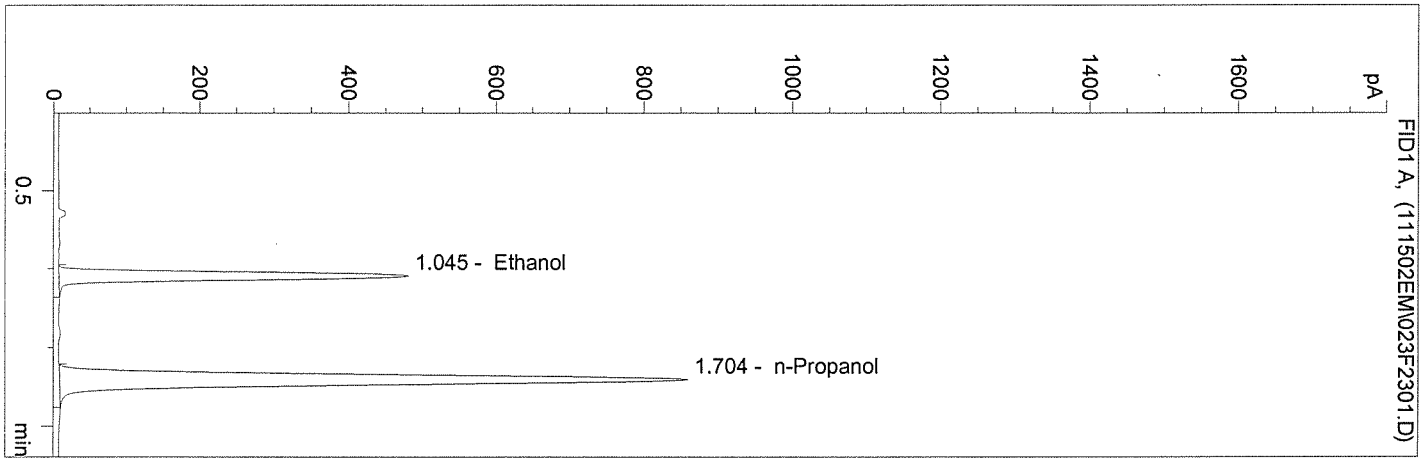
Instrument 1
-ALC1

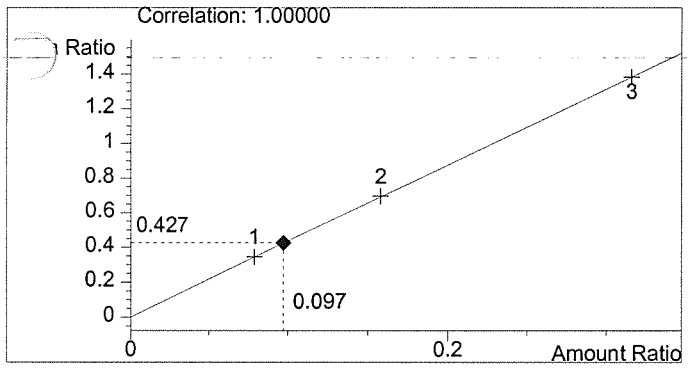
Q.A. Sol. 02041
Estuardo J. Miranda

vial # 23

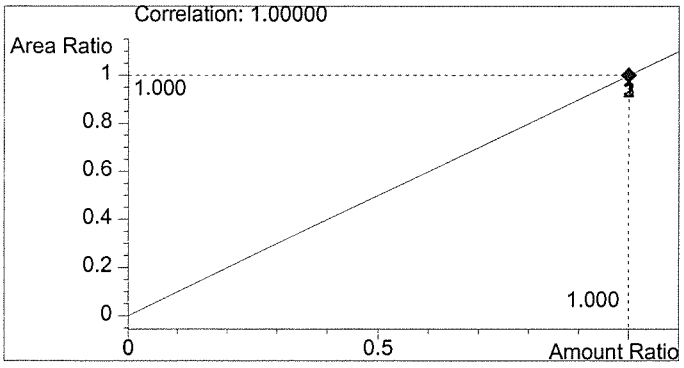


#	Compound	Area	RT
1	Ethanol	1584	1.045
2	n-Propanol	3709	1.704

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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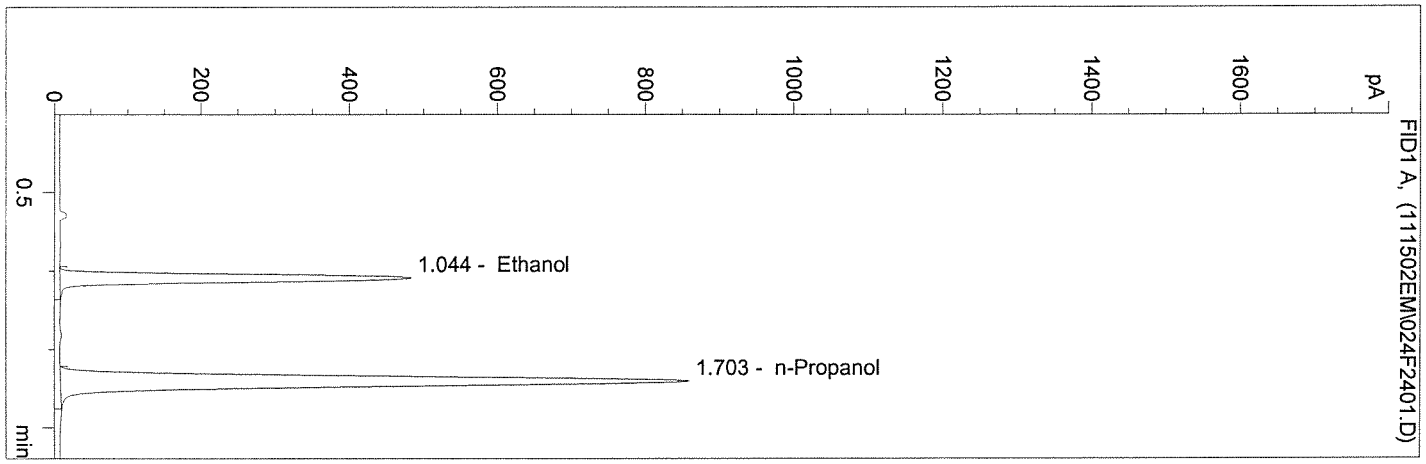
Instrument 1
-ALC1

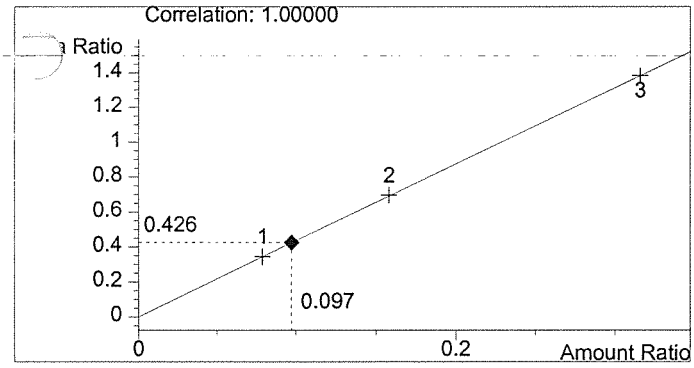
Q.A. Sol. 02041
Estuardo J. Miranda

vial # 24

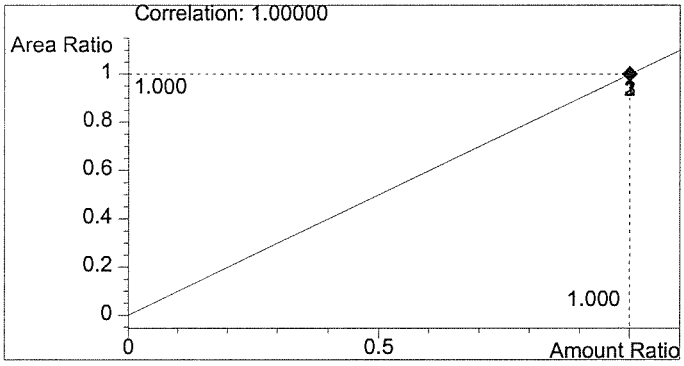


#	Compound	Area	RT
1	Ethanol	1584	1.044
2	n-Propanol	3716	1.703

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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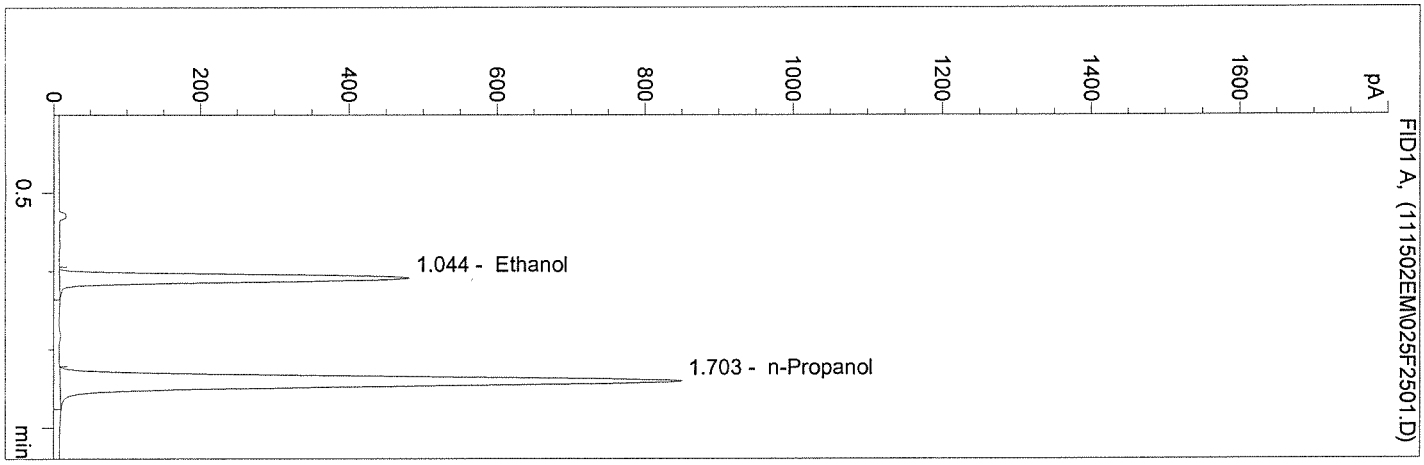
Instrument 1
-ALC1

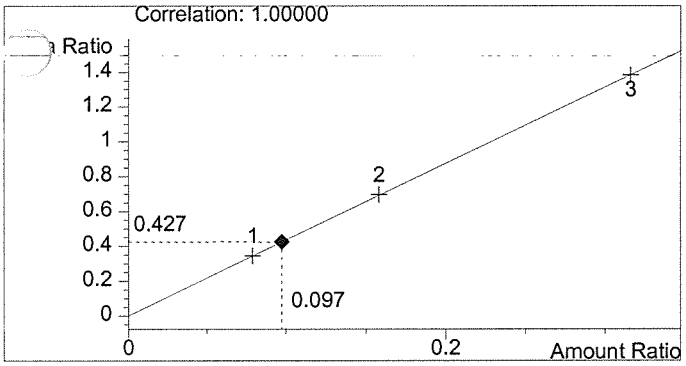
Q.A. Sol. 02041
Estuardo J. Miranda

vial # 25

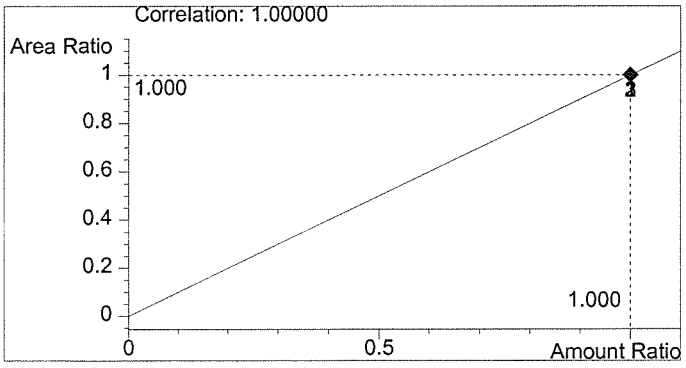


#	Compound	Area	RT
1	Ethanol	1559	1.044
2	n-Propanol	3651	1.703

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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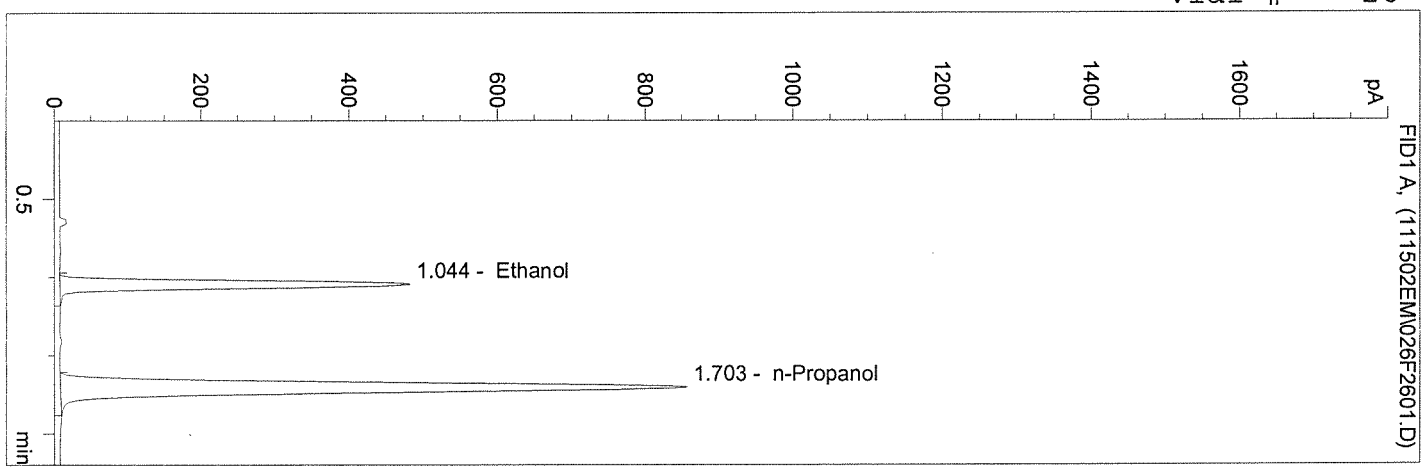
Instrument 1
-ALC1

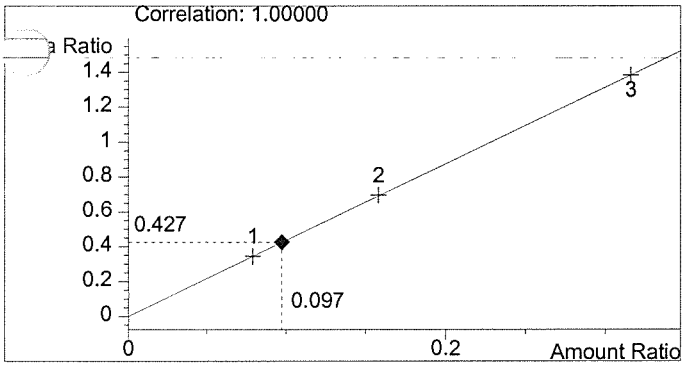
Q.A. Sol. 02041
Estuardo J. Miranda

vial # 26

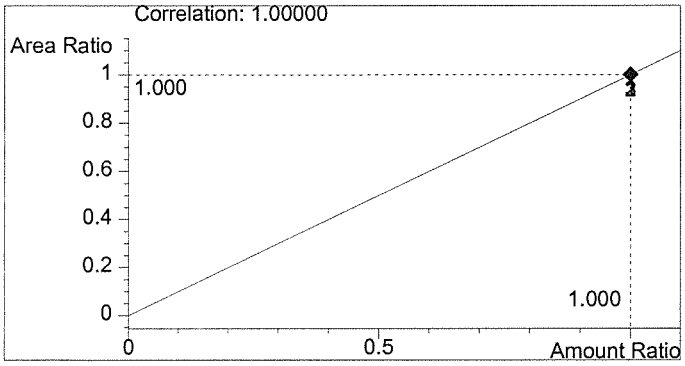


#	Compound	Area	RT
1	Ethanol	1577	1.044
2	n-Propanol	3696	1.703

Totals:



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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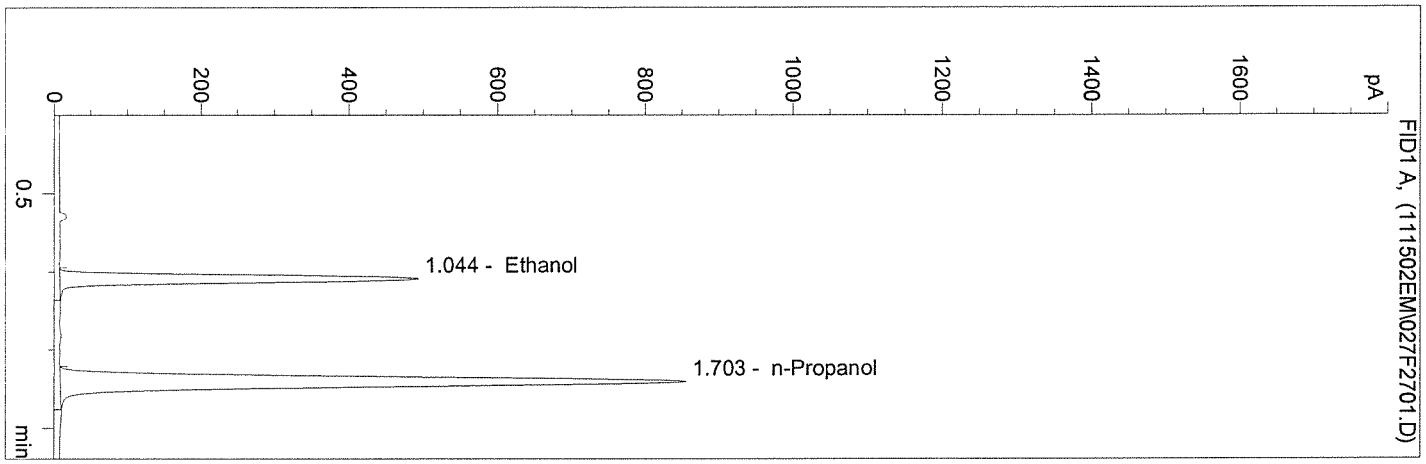
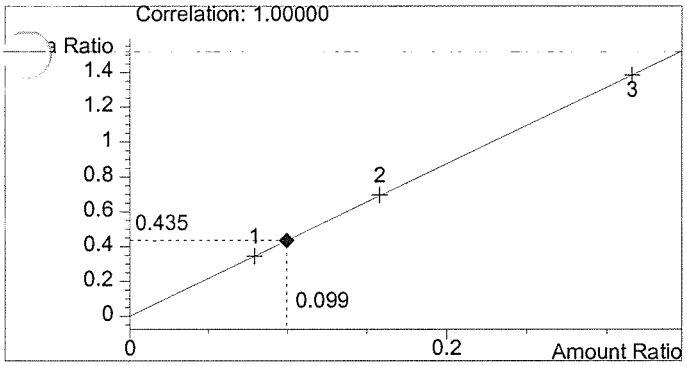
Instrument 1
-ALC1

0.100 Control
Estuardo J. Miranda

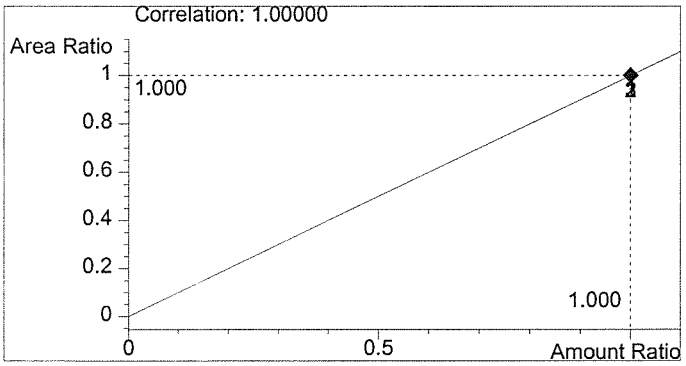
vial # 27



#	Compound	Area	RT
1	Ethanol	1600	1.044
2	n-Propanol	3674	1.703
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
-ALC1

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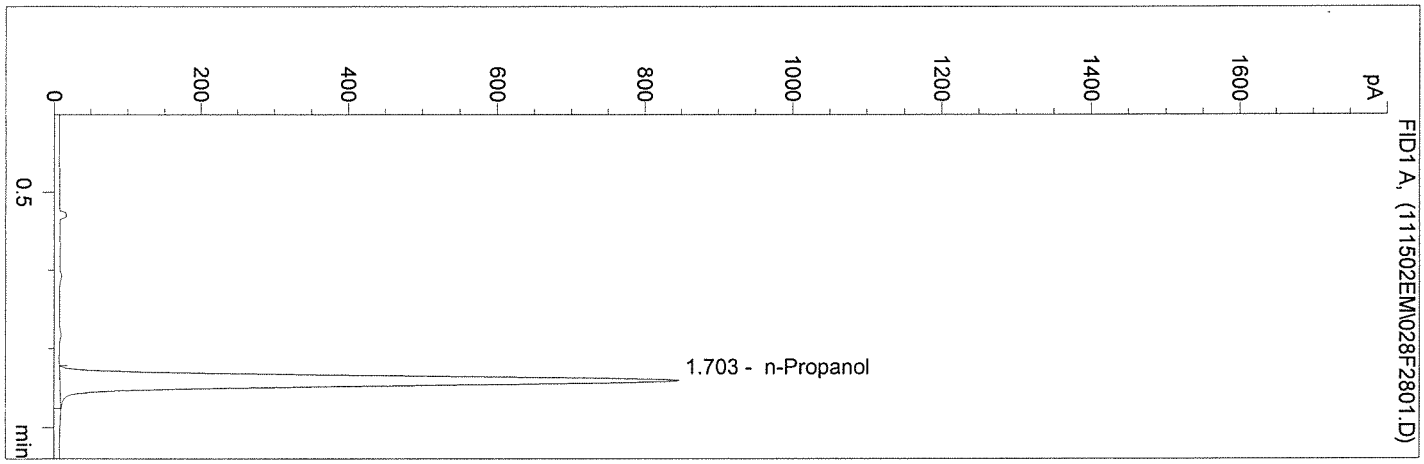
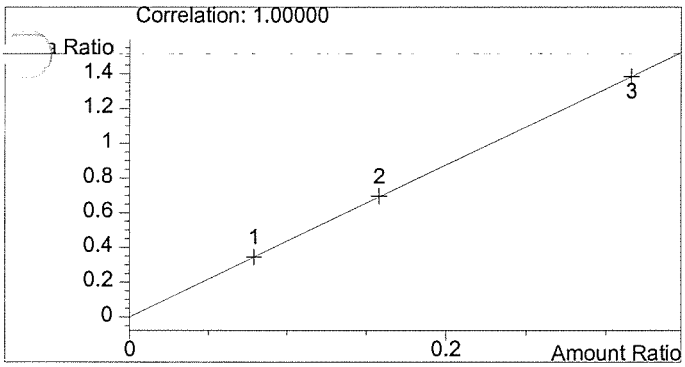
Estuardo J. Miranda

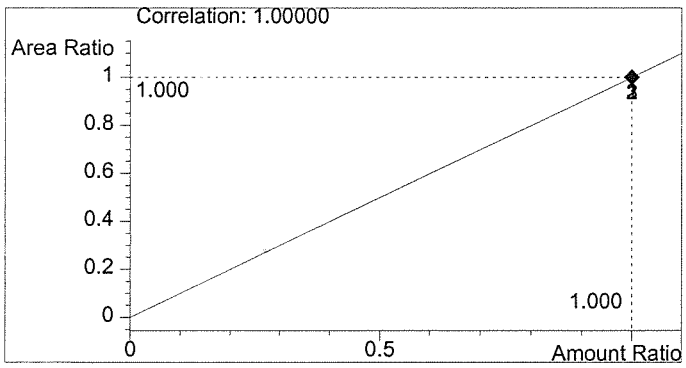
vial # 28



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3642	1.703
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

02042

WASHINGTON STATE TOXICOLOGY LABORATORY

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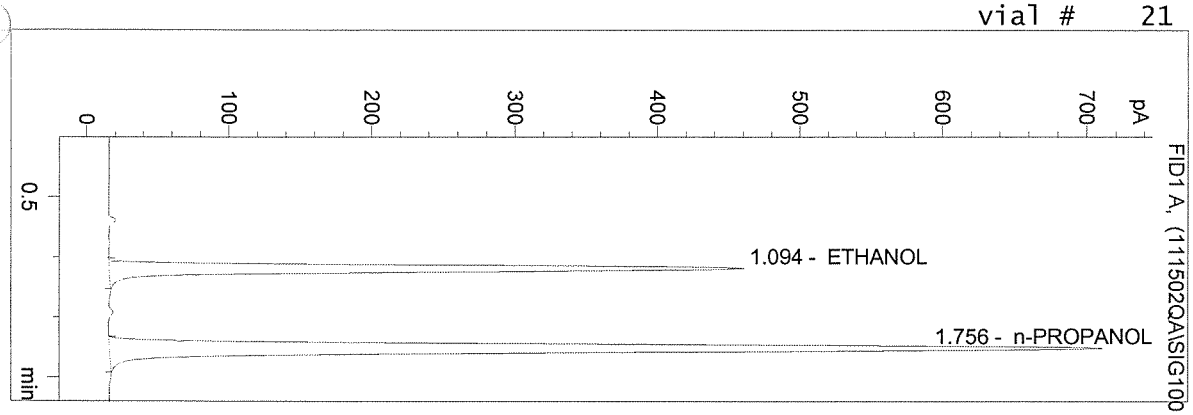
Instrument 3
DB-ALC1

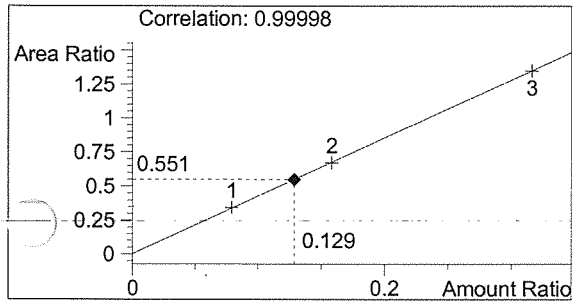
02042
Naziha Nuwayhid, PhD

vial # 21

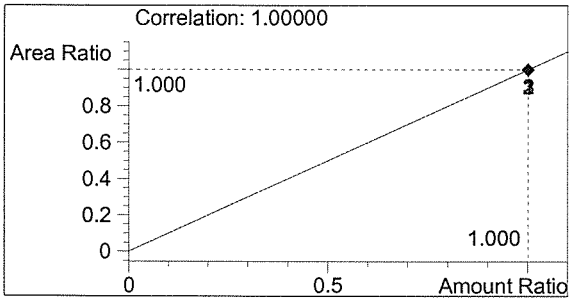


#	Compound	Area	RT
1	ETHANOL	1741	1.094
2	n-PROPANOL	3158	1.756

Totals:



ETHANOL 0.129 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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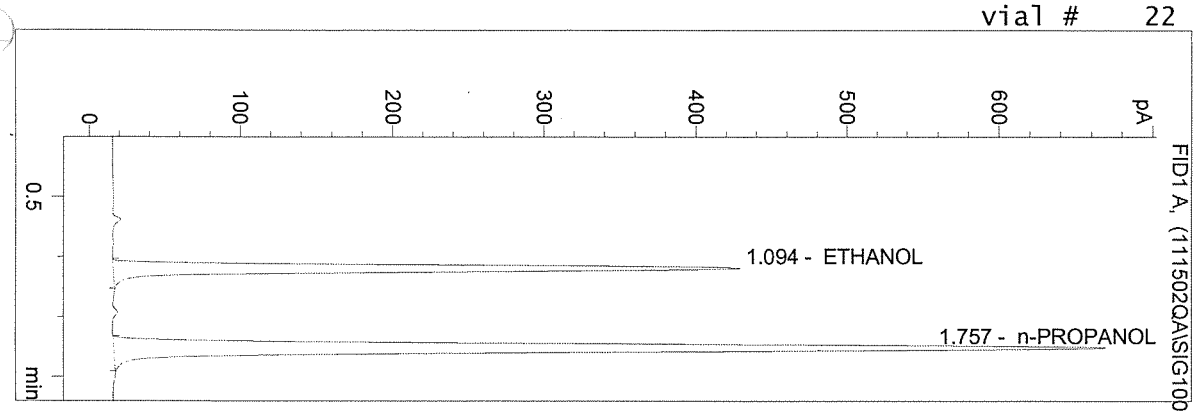
Instrument 3
DB-ALC1

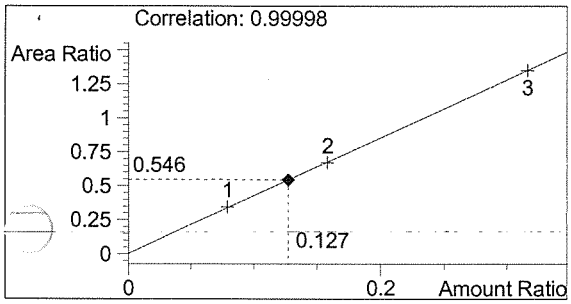
02042
Naziha Nuwayhid, PhD

vial # 22

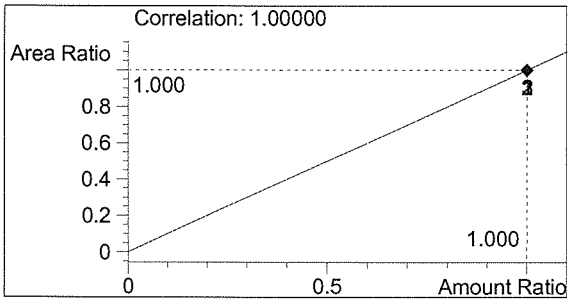


#	Compound	Area	RT
1	ETHANOL	1619	1.094
2	n-PROPANOL	2967	1.757

Totals:



ETHANOL 0.127 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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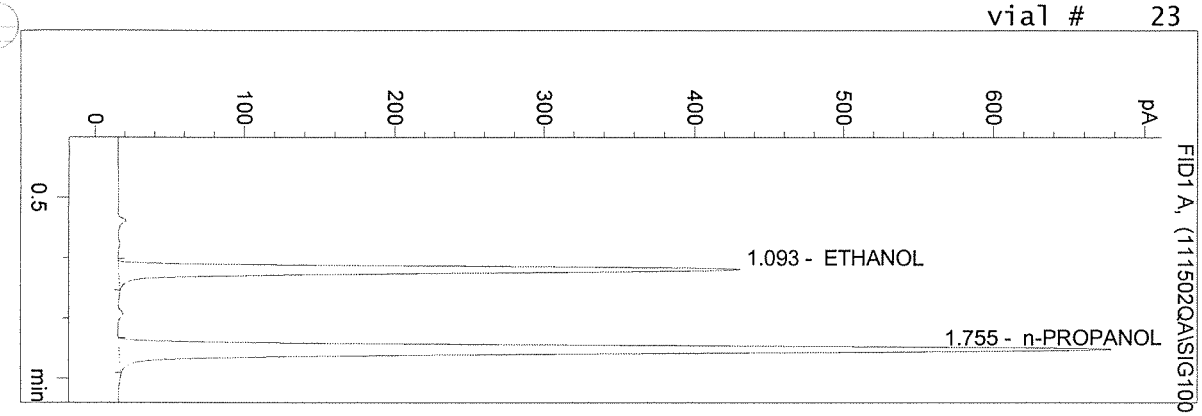
Instrument 3
DB-ALC1

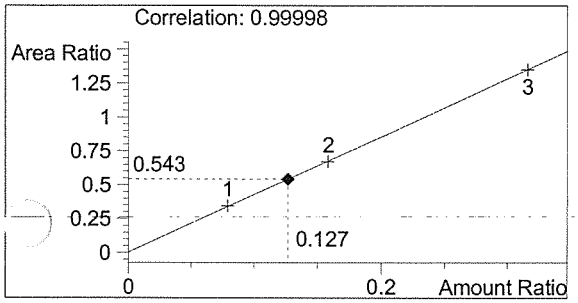
02042
Naziha Nuwayhid, PhD

vial # 23

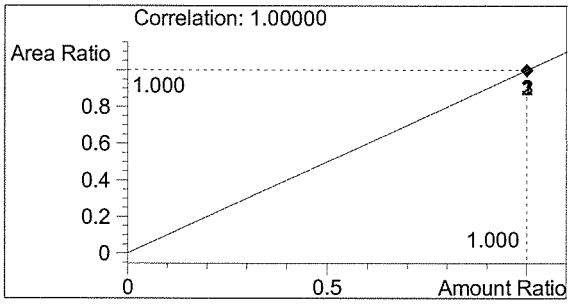


#	Compound	Area	RT
1	ETHANOL	1650	1.093
2	n-PROPANOL	3038	1.755

Totals:



ETHANOL 0.127 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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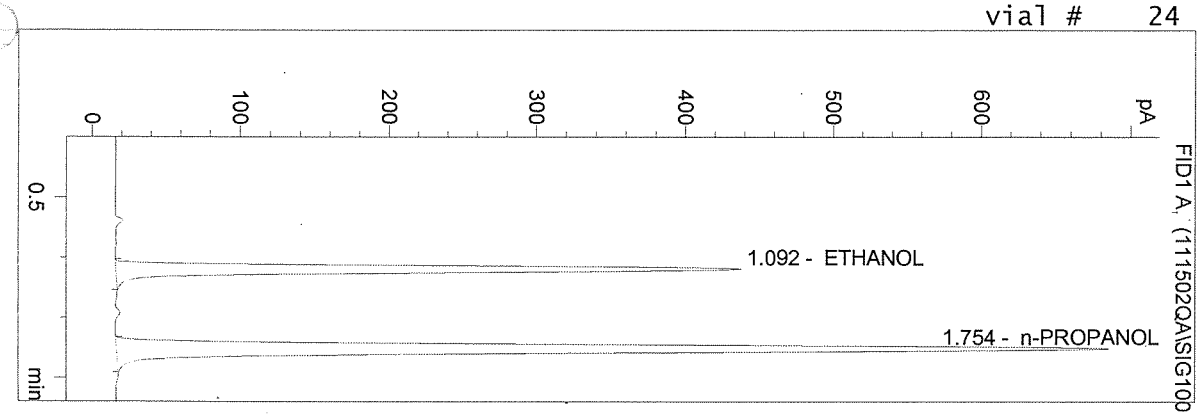
Instrument 3
DB-ALC1

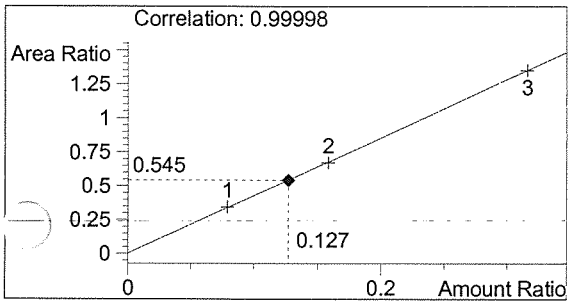
02042
Naziha Nuwayhid, PhD

vial # 24

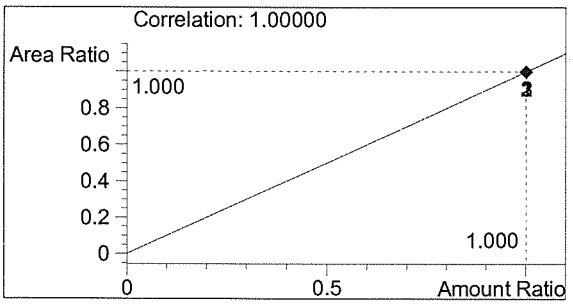


#	Compound	Area	RT
1	ETHANOL	1657	1.092
2	n-PROPANOL	3043	1.754

Totals:



ETHANOL 0.127 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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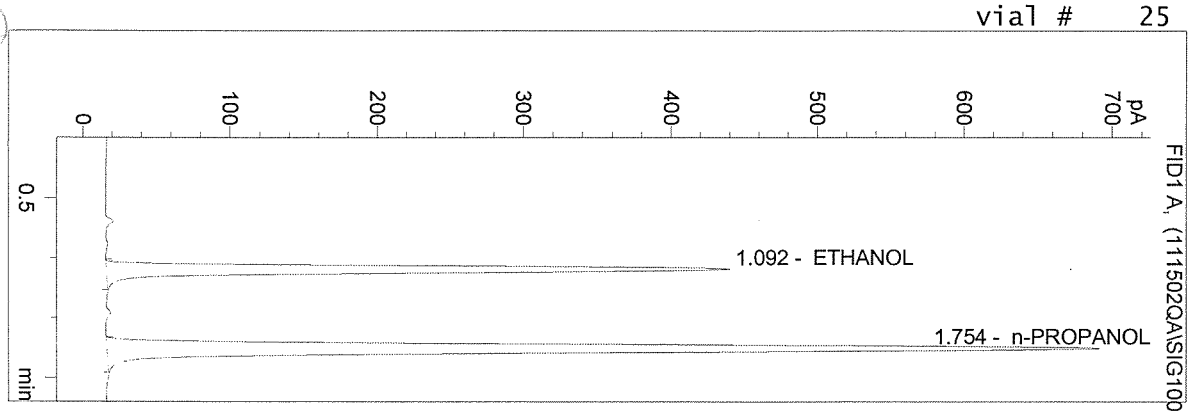
Instrument 3
DB-ALC1

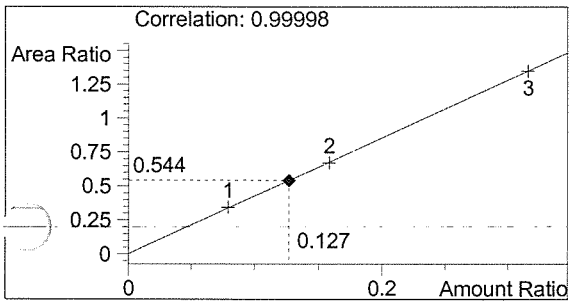
02042
Naziha Nuwayhid, PhD

vial # 25

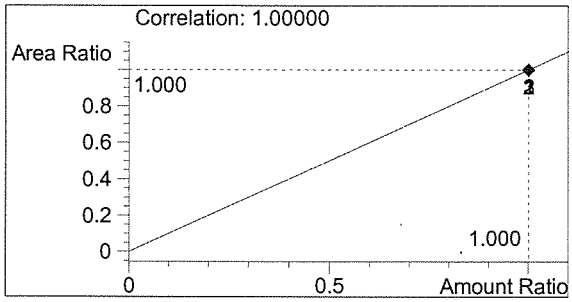


#	Compound	Area	RT
1	ETHANOL	1668	1.092
2	n-PROPANOL	3070	1.754

Totals:



ETHANOL 0.127 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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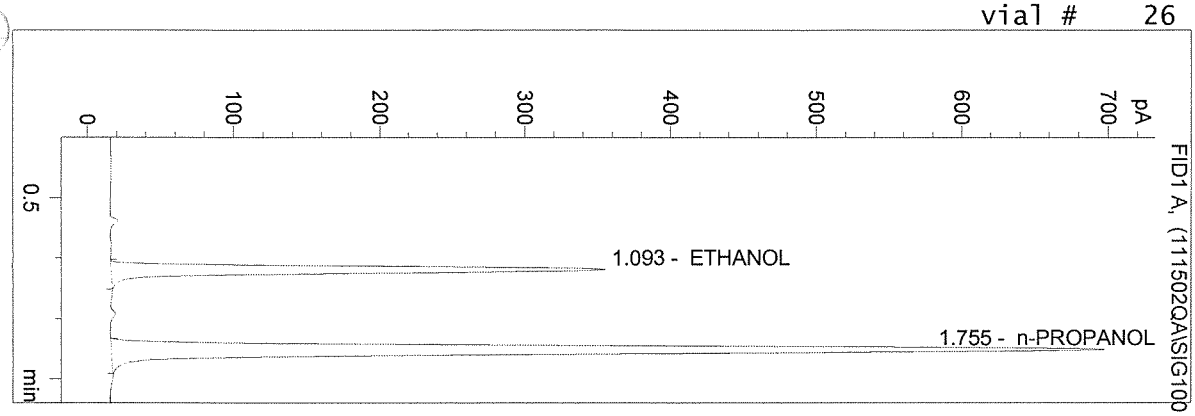
Instrument 3
DB-ALC1

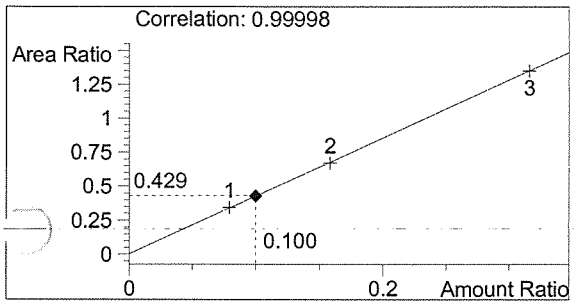
0.101 CAP
Naziha Nuwayhid, PhD

vial # 26

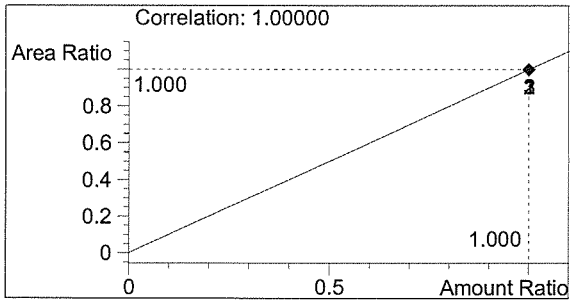


#	Compound	Area	RT
1	ETHANOL	1322	1.093
2	n-PROPANOL	3079	1.755

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
DB-ALC1

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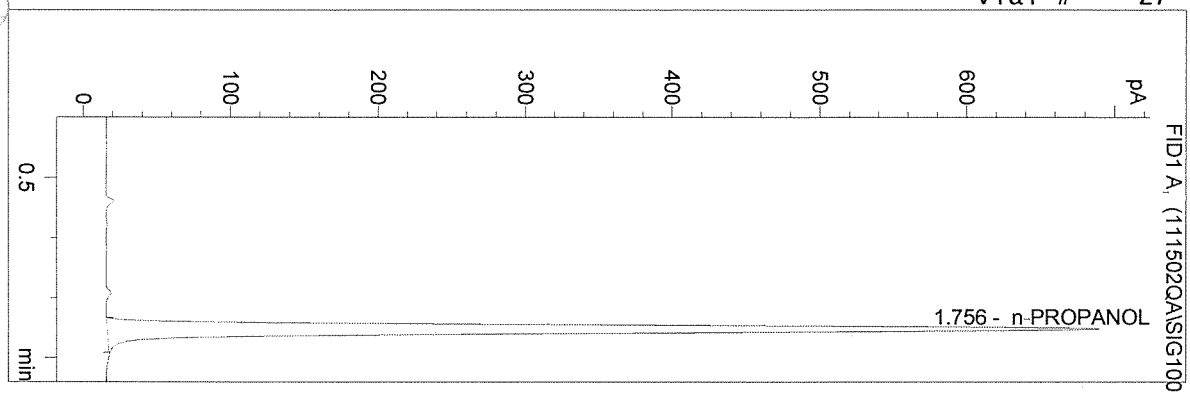
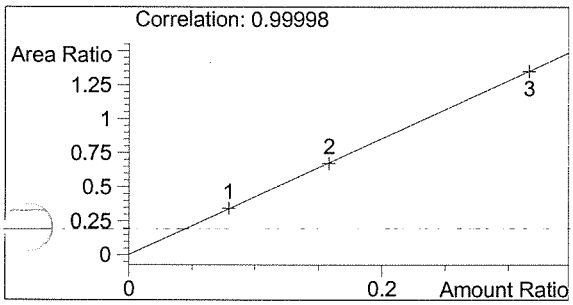
Naziha Nuwayhid, PhD

vial # 27

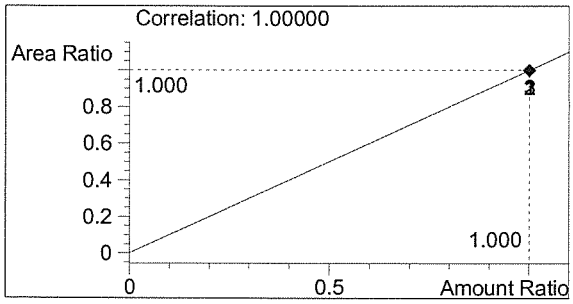


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3071	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

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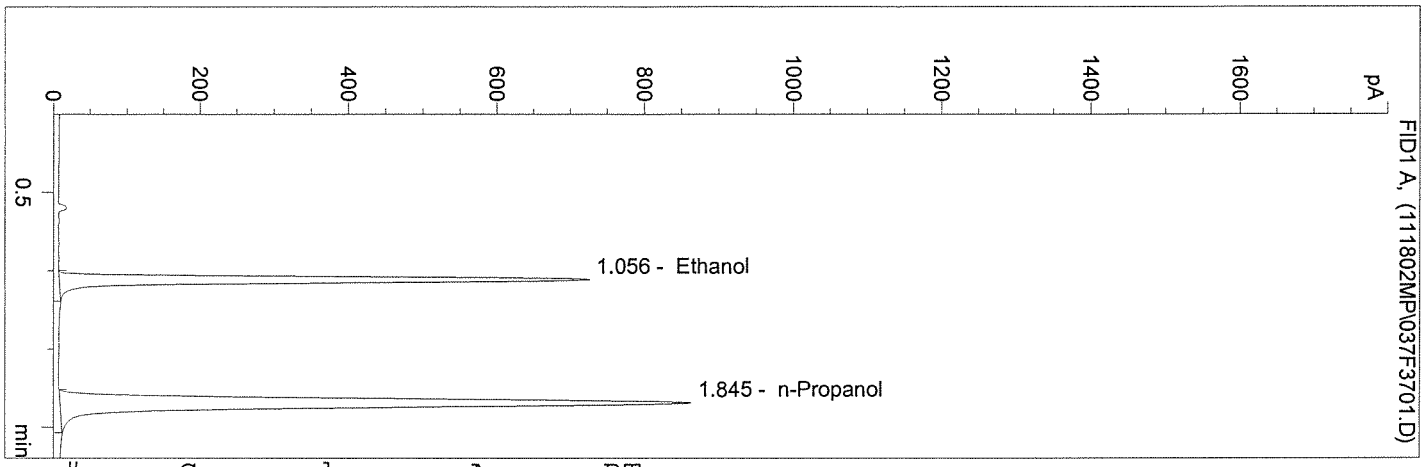
Instrument 2
-ALC1

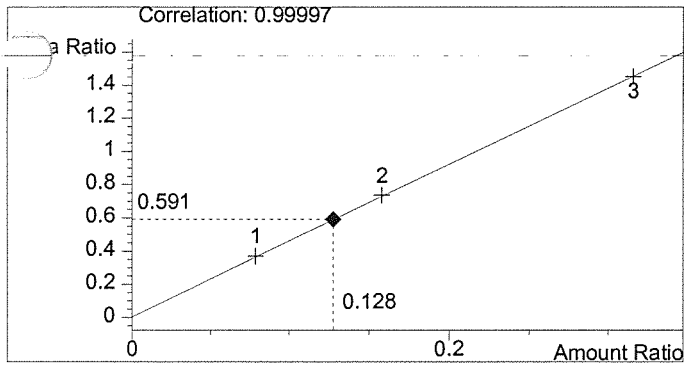
02042qa
m pemberton

vial # 37

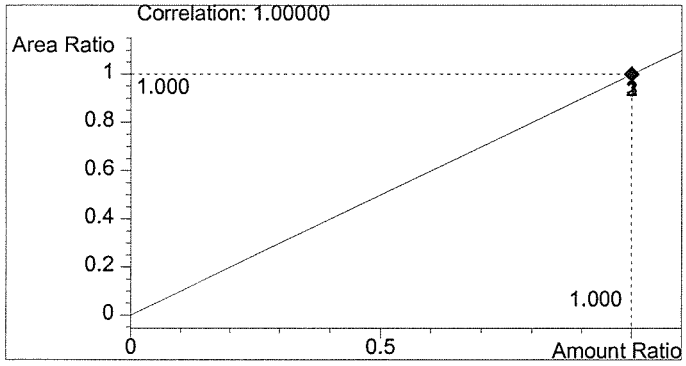


#	Compound	Area	RT
1	Ethanol	1962	1.056
2	n-Propanol	3318	1.845

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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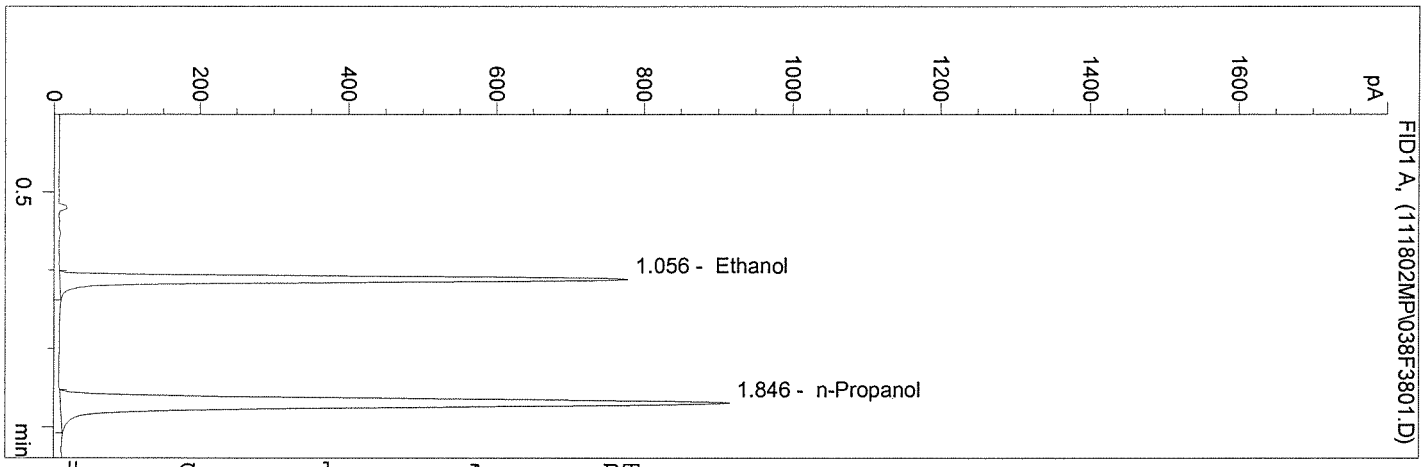
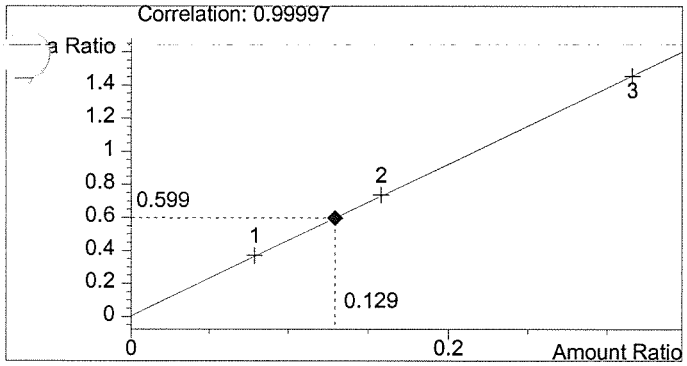
Instrument 2 m pemberton
-ALC1

vial # 38

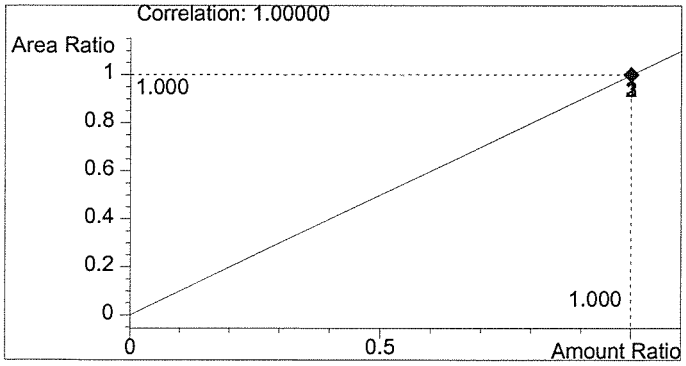


#	Compound	Area	RT
1	Ethanol	2100	1.056
2	n-Propanol	3507	1.846

Totals:



Ethanol 0.129 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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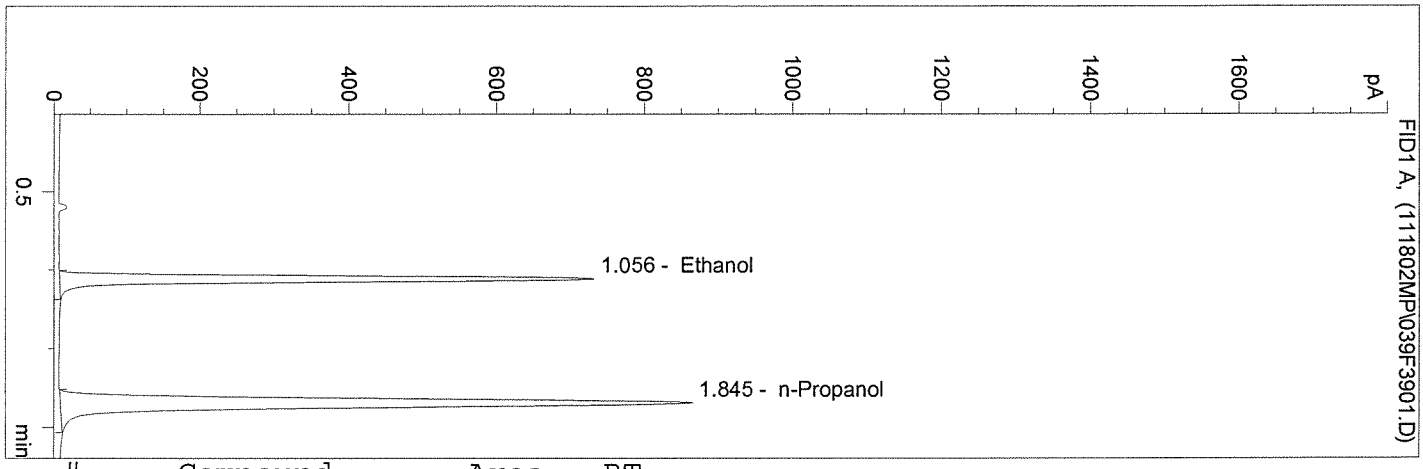
Instrument 2
ALC1

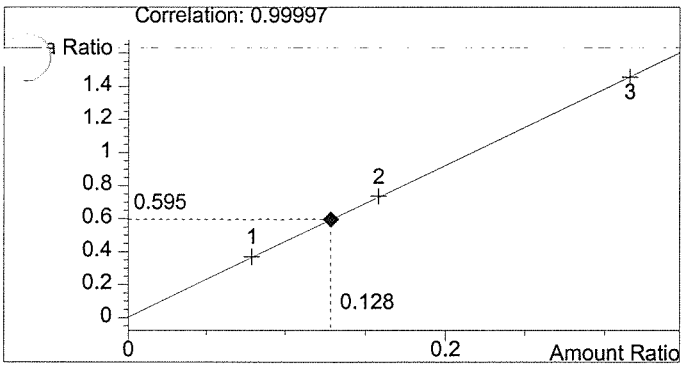
02042qa
m pemberton

vial # 39

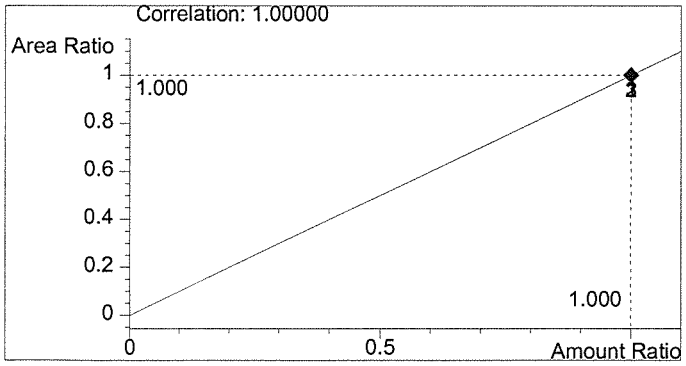


#	Compound	Area	RT
1	Ethanol	1978	1.056
2	n-Propanol	3324	1.845

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

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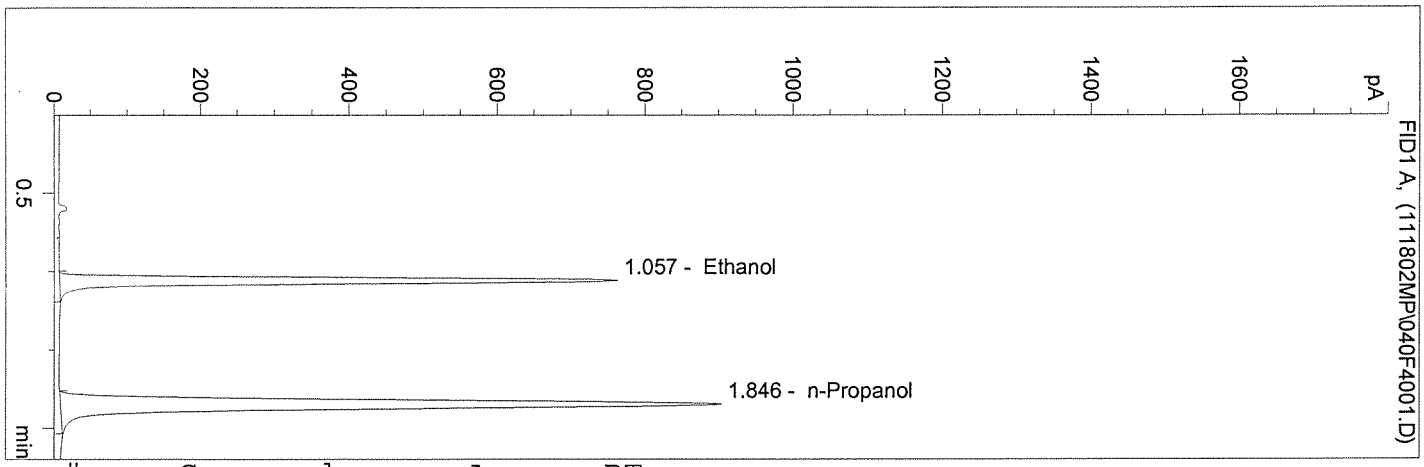
Instrument 2
-ALC1

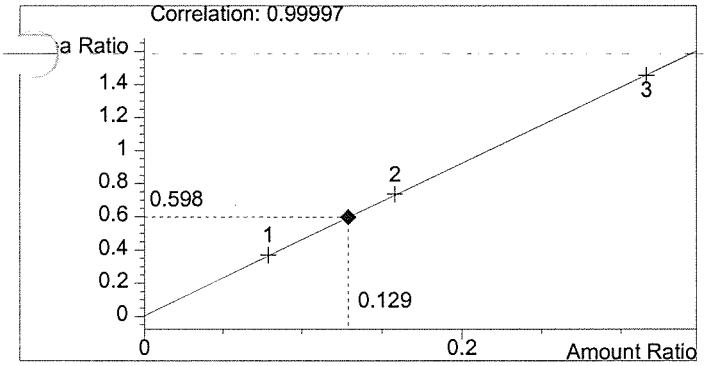
02042qa
m pemberton

vial # 40

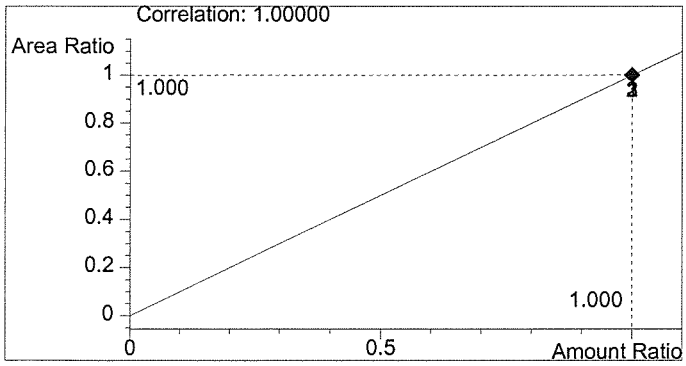


#	Compound	Area	RT
1	Ethanol	2073	1.057
2	n-Propanol	3469	1.846

Totals:



Ethanol 0.129 g/100ml



n-Propanol 1.000 g/100ml

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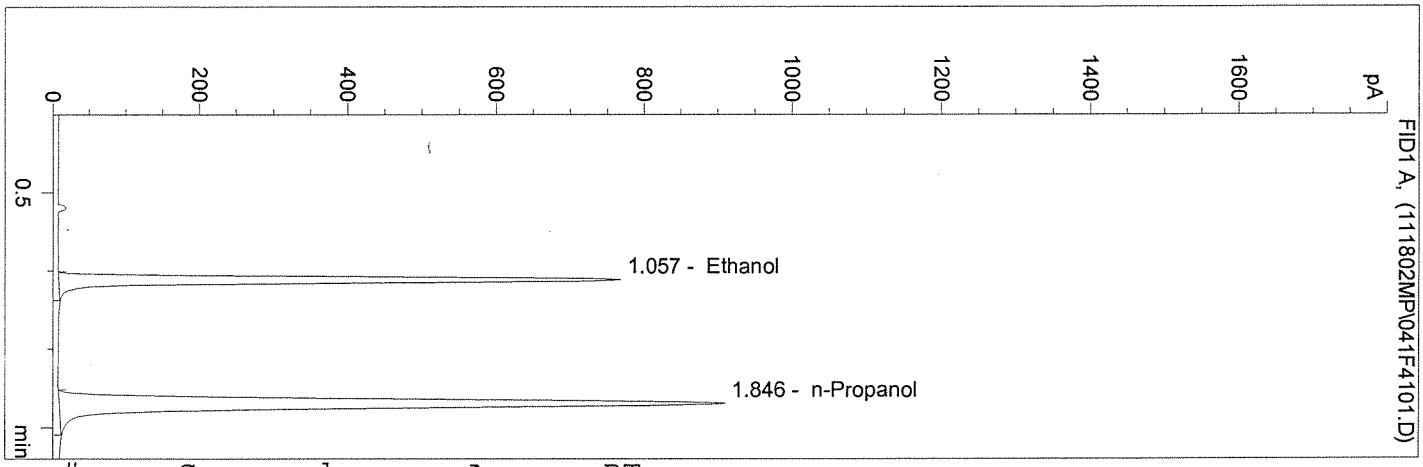
Instrument 2
-ALC1

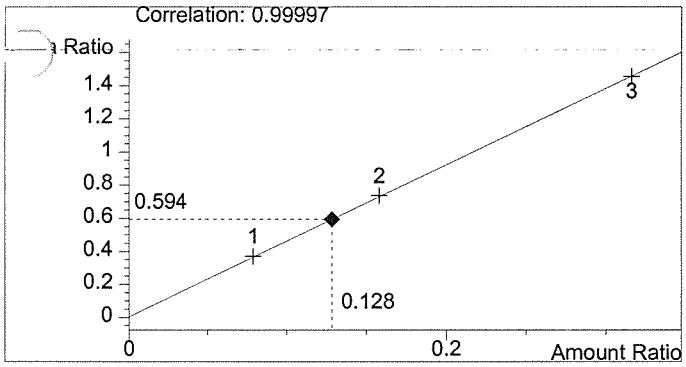
02042qa
m pemberton

vial # 41

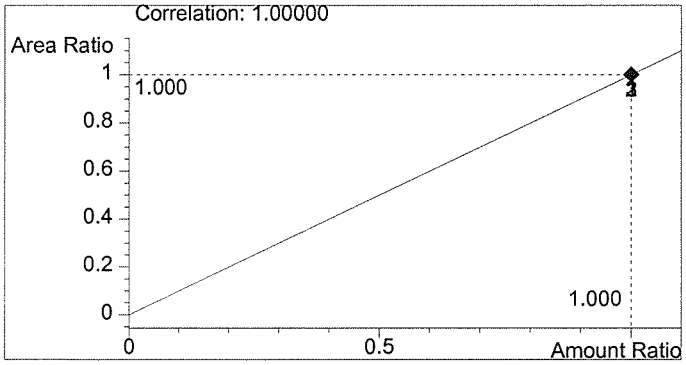


#	Compound	Area	RT
1	Ethanol	2083	1.057
2	n-Propanol	3506	1.846

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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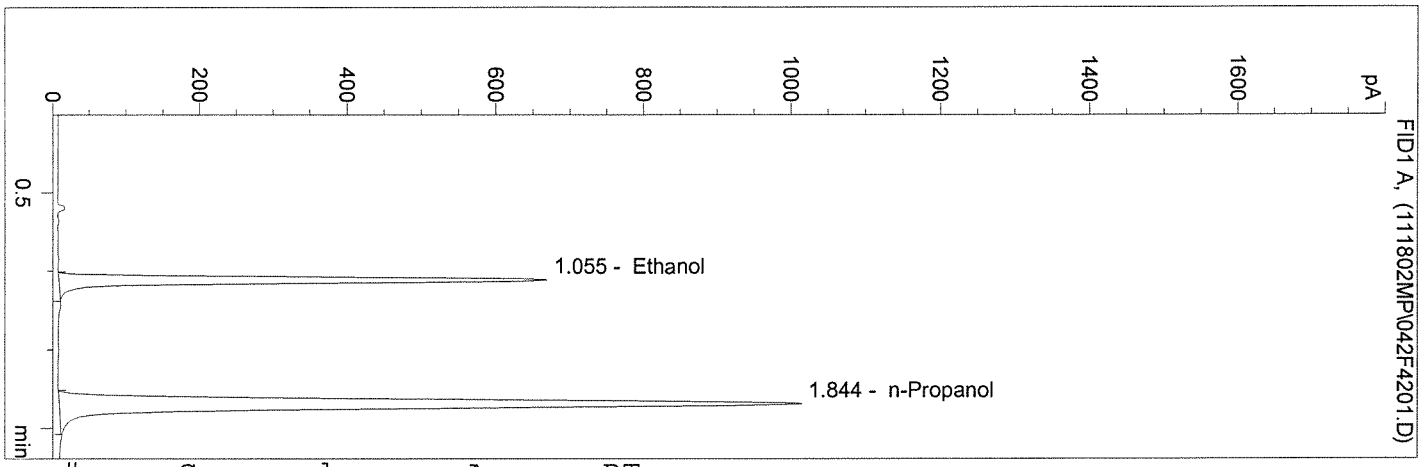
Instrument 2
-ALC1

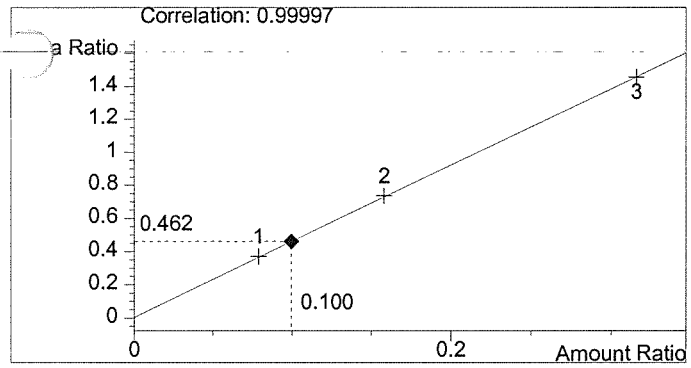
0.10 control
m pemberton

vial # 42

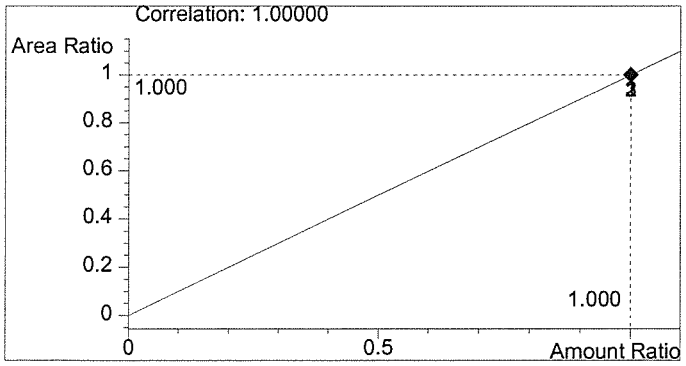


#	Compound	Area	RT
1	Ethanol	1803	1.055
2	n-Propanol	3900	1.844

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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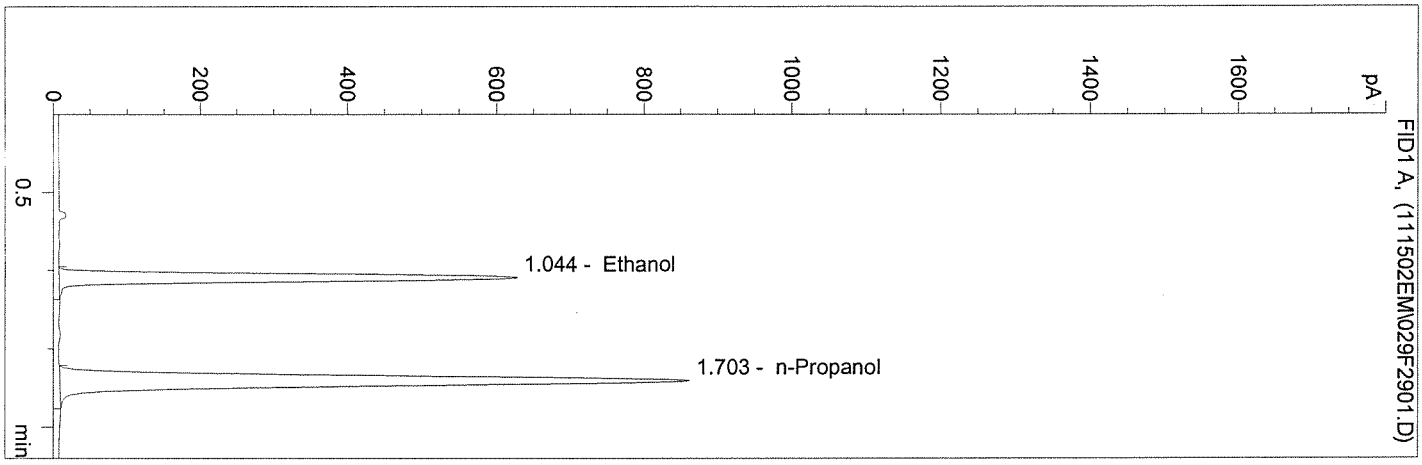
Instrument 1
ALC1

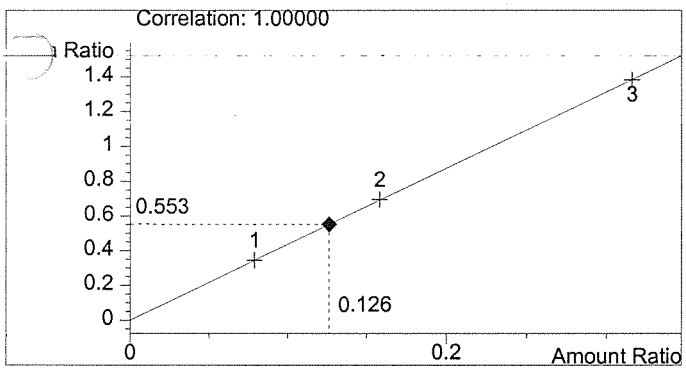
Q.A. Sol. 02042
Estuardo J. Miranda

vial # 29

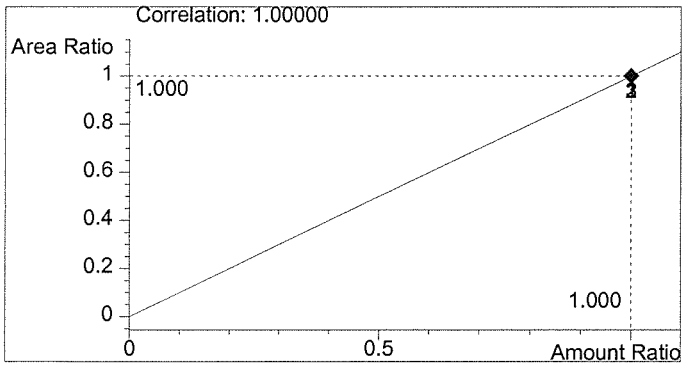


#	Compound	Area	RT
1	Ethanol	2055	1.044
2	n-Propanol	3714	1.703

Totals:



Ethanol 0.126 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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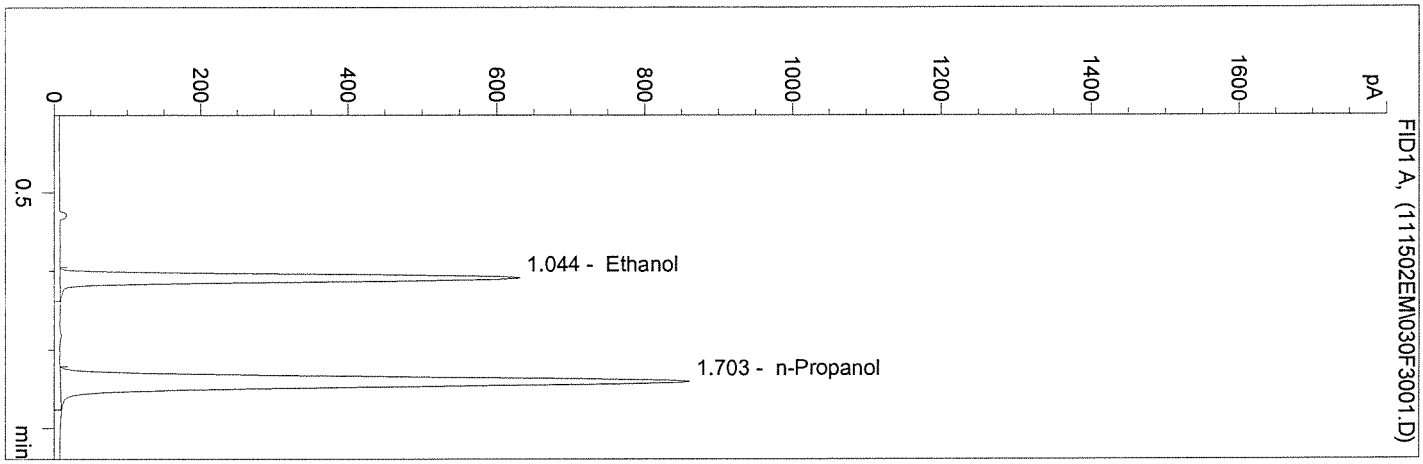
11/15/02 6:27:24 PM
Instrument 1
ALC1

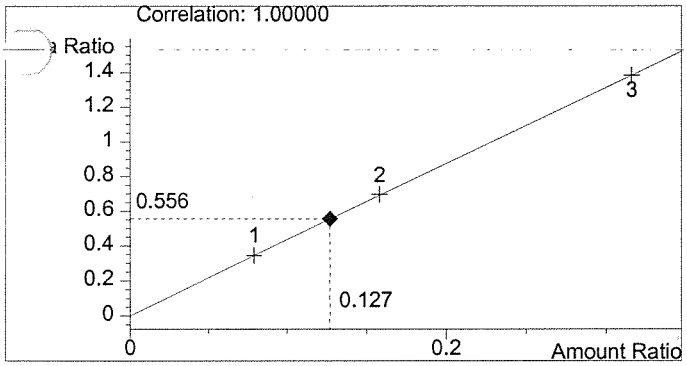
Q.A. Sol. 02042
Estuardo J. Miranda

vial # 30

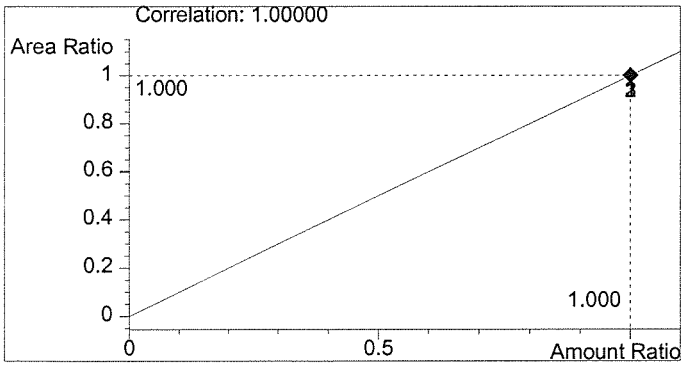


#	Compound	Area	RT
1	Ethanol	2061	1.044
2	n-Propanol	3704	1.703

Totals:



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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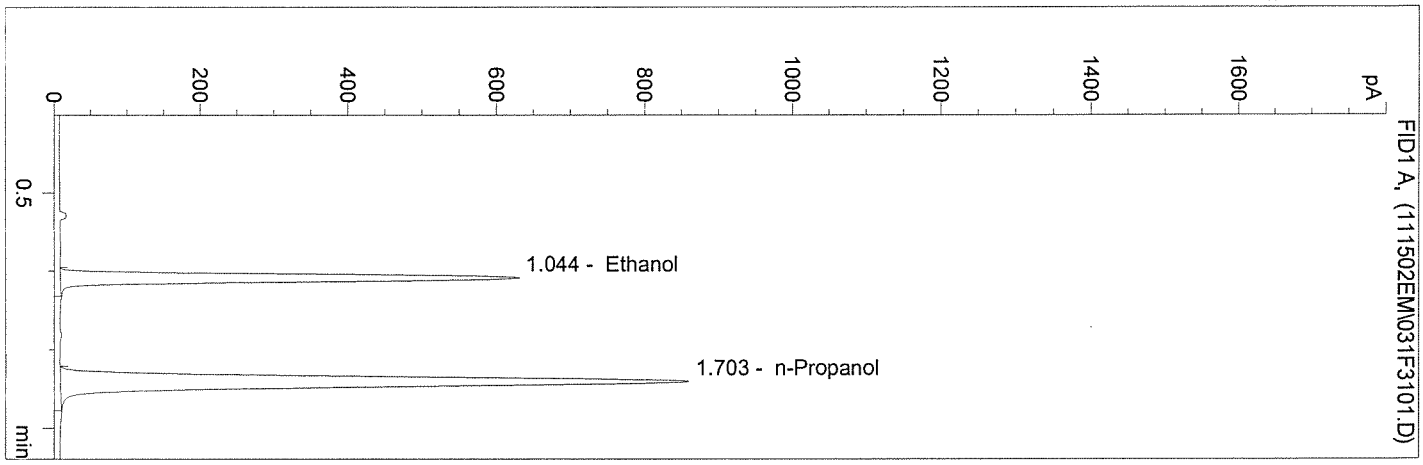
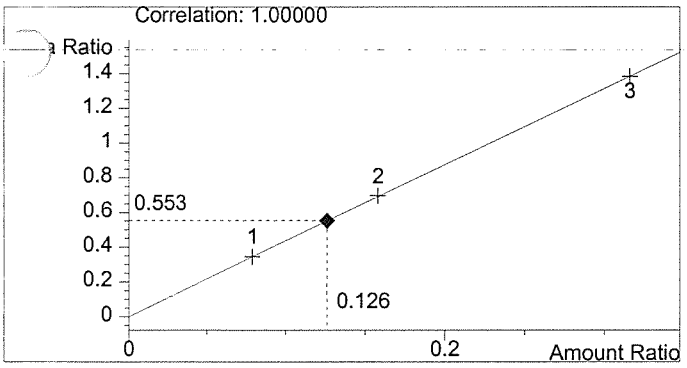
11/15/02 6:30:27 PM
Instrument 1
-ALC1

Q.A. Sol. 02042
Estuardo J. Miranda

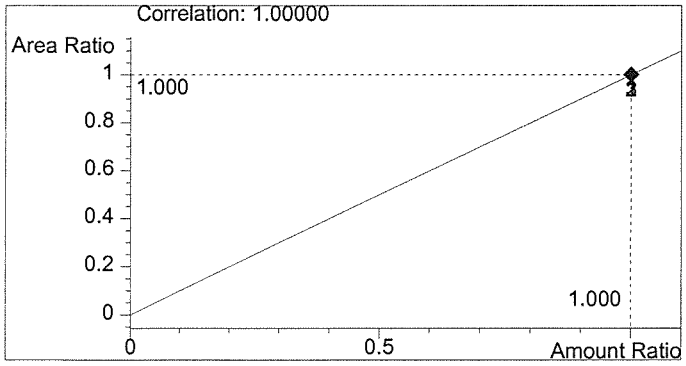
vial # 31



#	Compound	Area	RT
1	Ethanol	2034	1.044
2	n-Propanol	3679	1.703
Totals:			



Ethanol 0.126 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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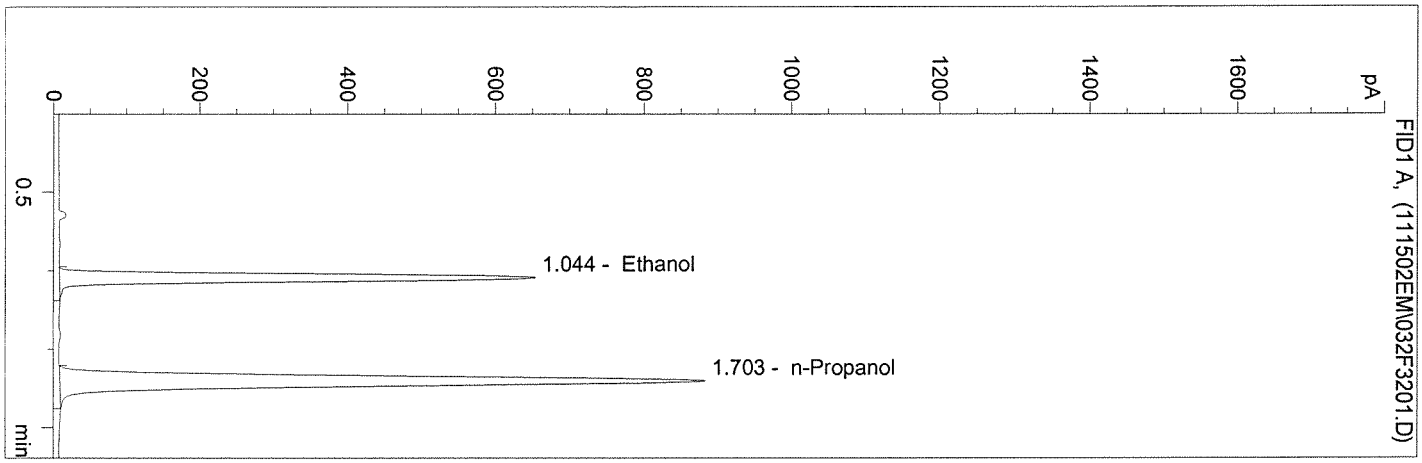
11/15/02 6:33:28 PM
Instrument 1
-ALC1

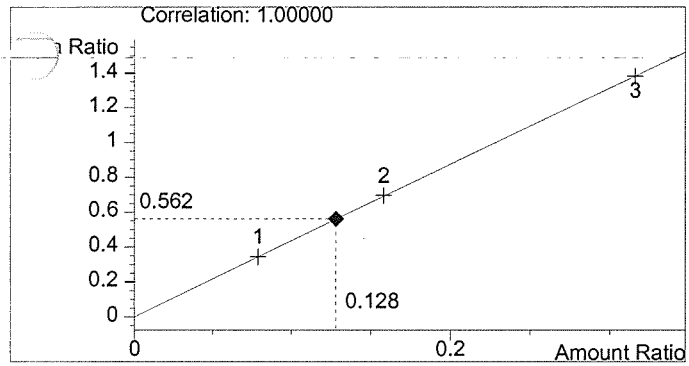
Q.A. Sol. 02042
Estuardo J. Miranda

vial # 32

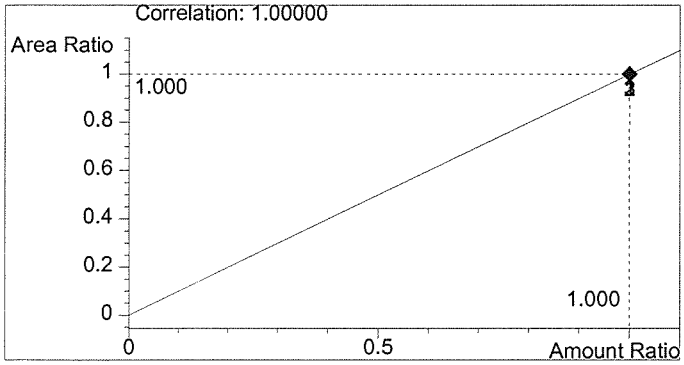


#	Compound	Area	RT
1	Ethanol	2135	1.044
2	n-Propanol	3801	1.703

Totals:



Ethanol 0.128 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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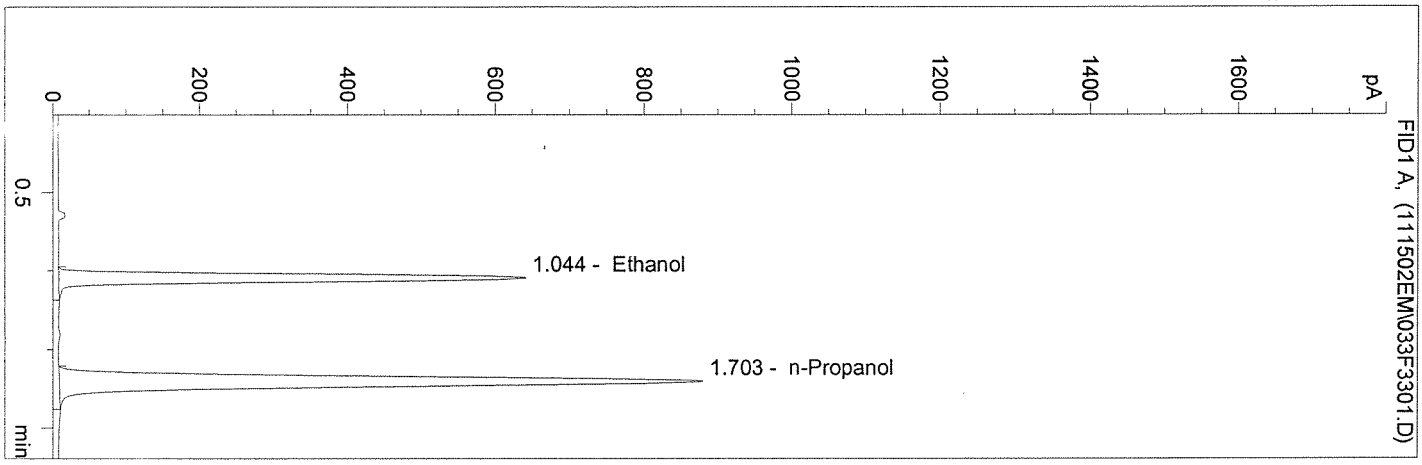
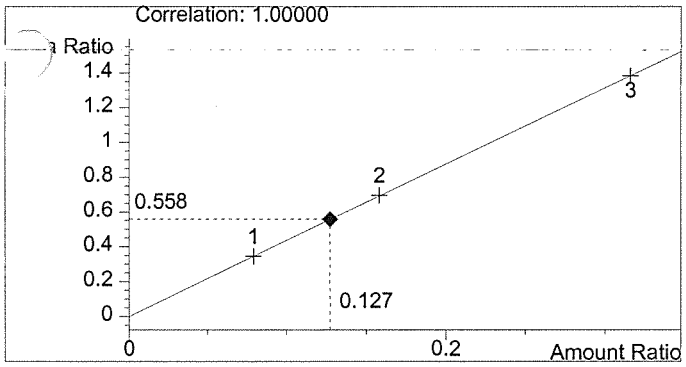
Instrument 1
[illegible]-ALC1

Q.A. Sol. 02042
Estuardo J. Miranda

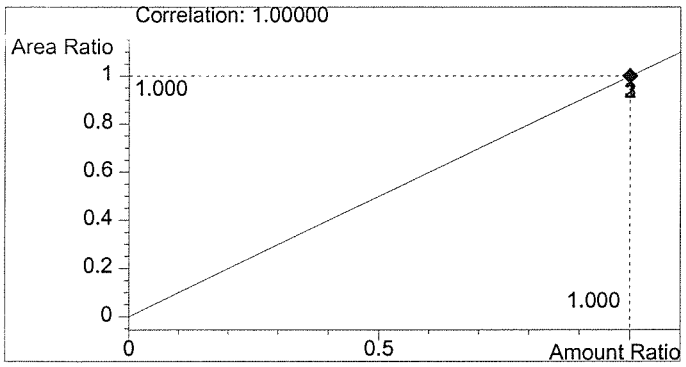
vial # 33



#	Compound	Area	RT
1	Ethanol	2113	1.044
2	n-Propanol	3783	1.703
Totals:			



Ethanol 0.127 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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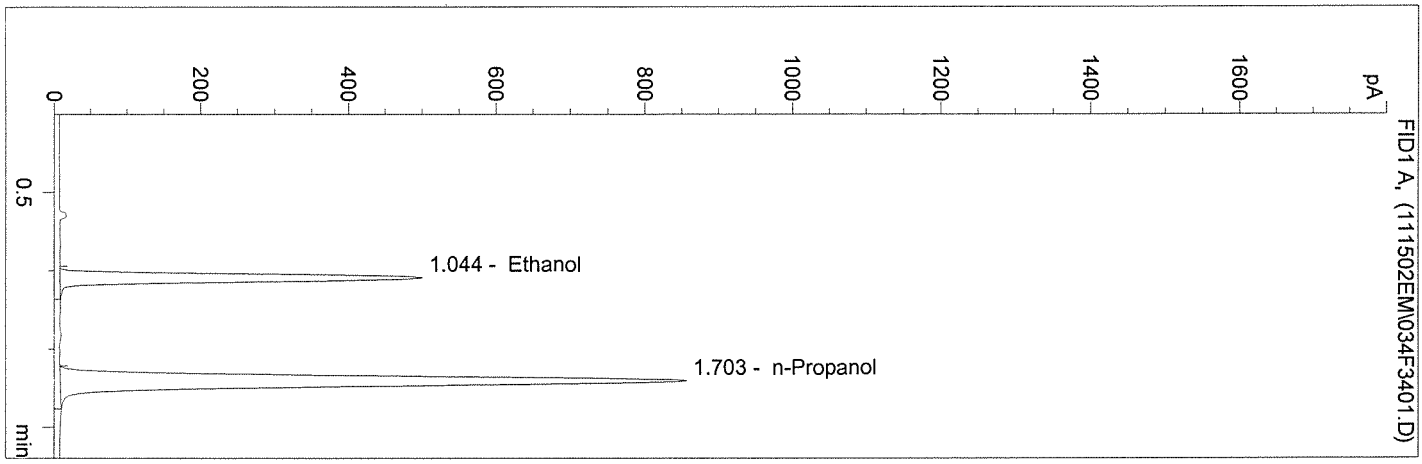
Instrument 1
-ALC1

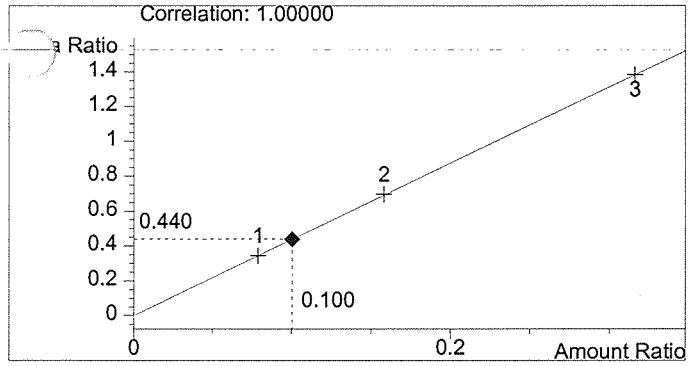
0.100 Control
Estuardo J. Miranda

vial # 34

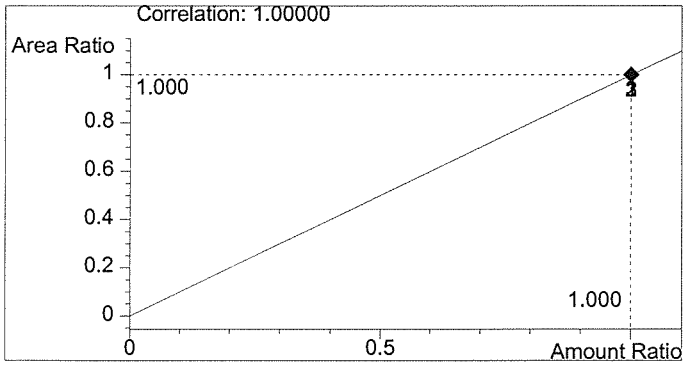


#	Compound	Area	RT
1	Ethanol	1617	1.044
2	n-Propanol	3678	1.703

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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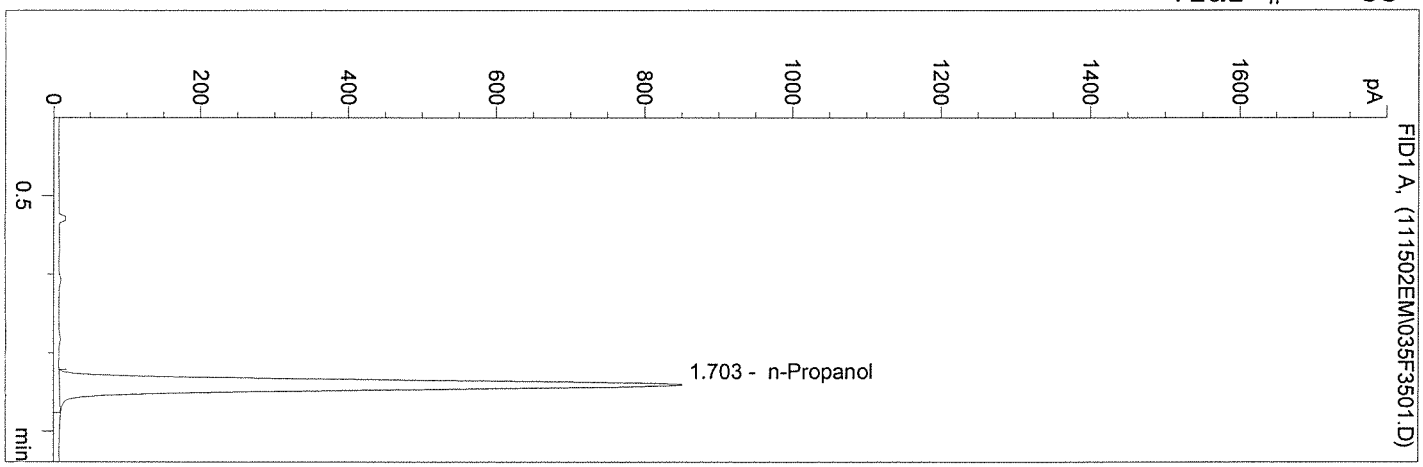
Instrument 1
-ALC1

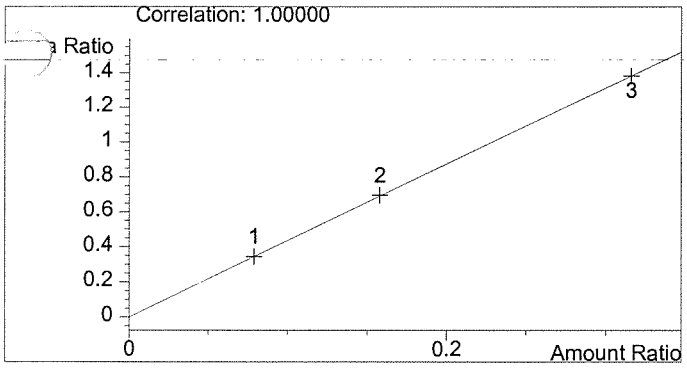
BLANK
Estuardo J. Miranda

vial # 35

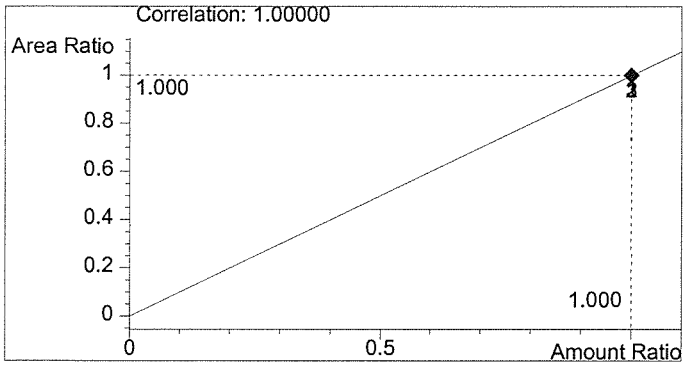


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3674	1.703

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

02043

WASHINGTON STATE TOXICOLOGY LABORATORY

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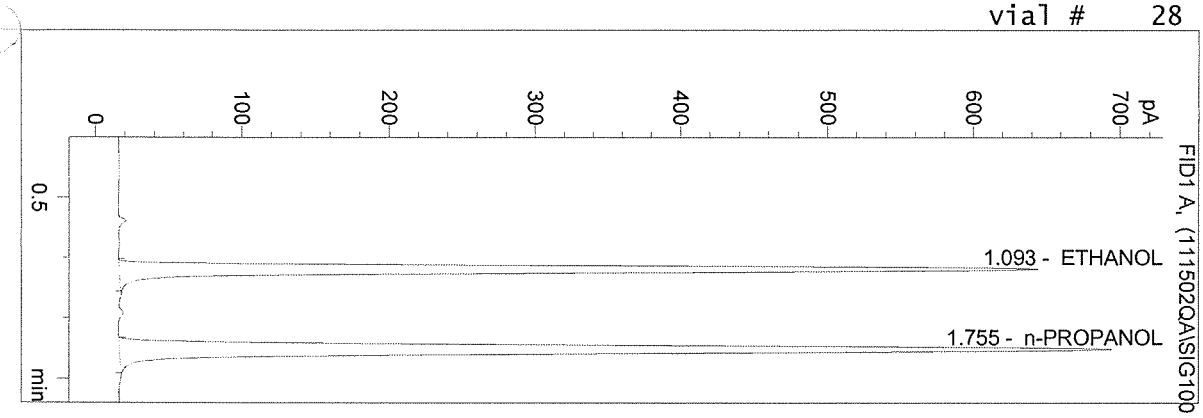
Instrument 3
DB-ALC1

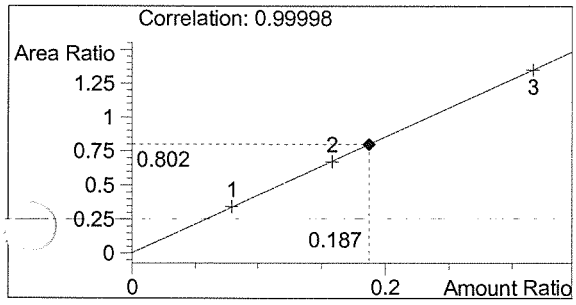
02043
Naziha Nuwayhid, PhD

vial # 28

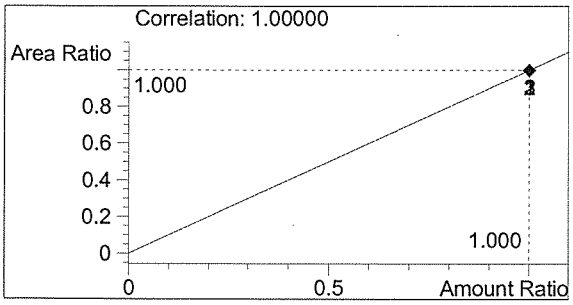


#	Compound	Area	RT
1	ETHANOL	2476	1.093
2	n-PROPANOL	3089	1.755

Totals:



ETHANOL 0.187 g/100mL



n-PROPANOL 1.000 g/100mL

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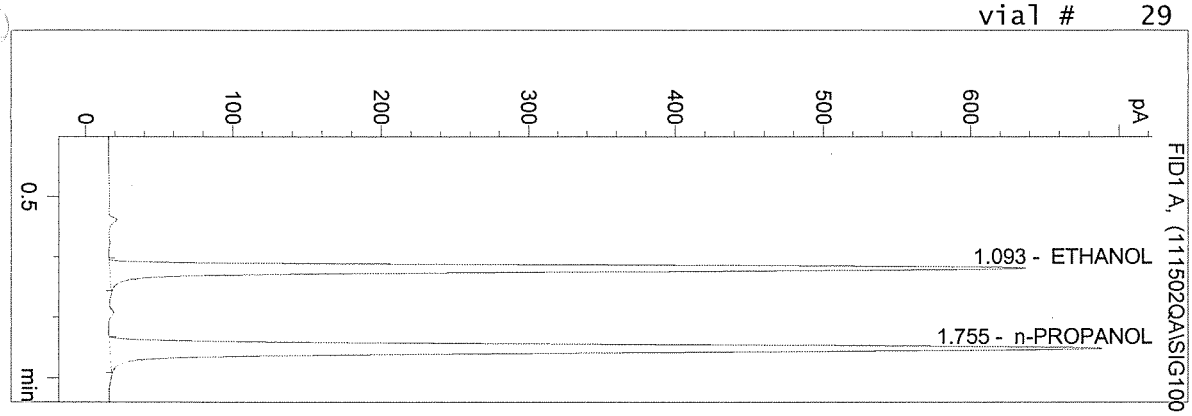
Instrument 3
DB-ALC1

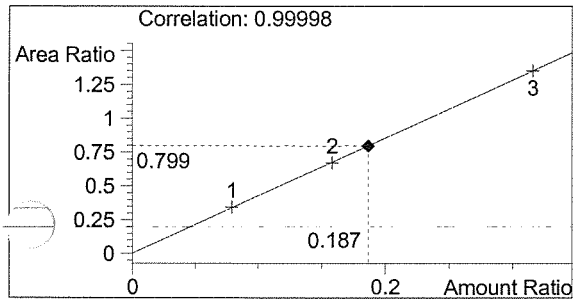
02043
Naziha Nuwayhid, PhD

vial # 29

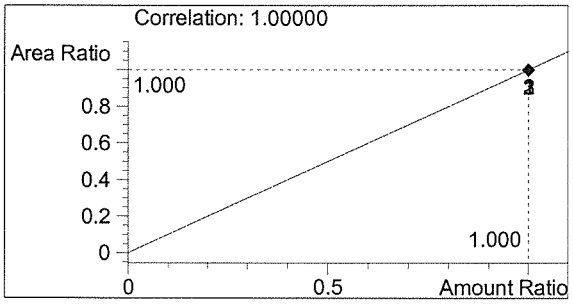


#	Compound	Area	RT
1	ETHANOL	2432	1.093
2	n-PROPANOL	3042	1.755

Totals:



ETHANOL 0.187 g/100mL



n-PROPANOL 1.000 g/100mL

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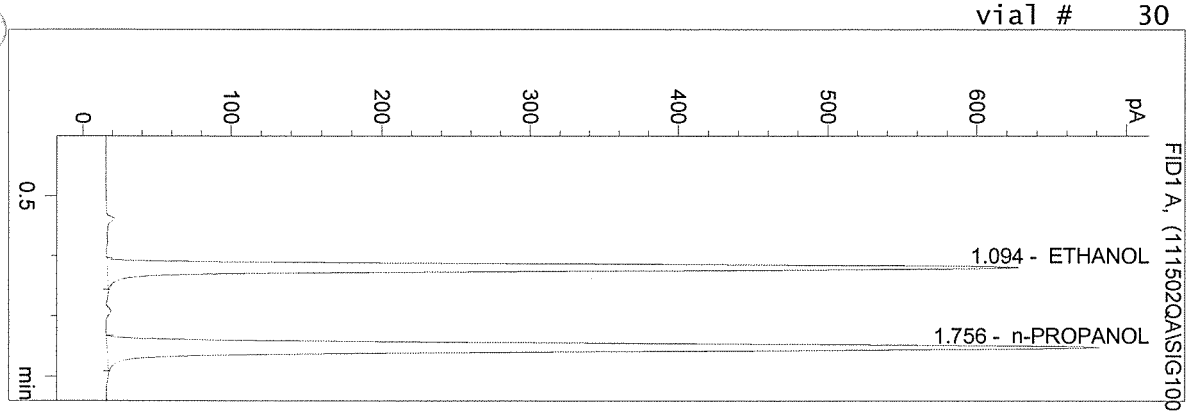
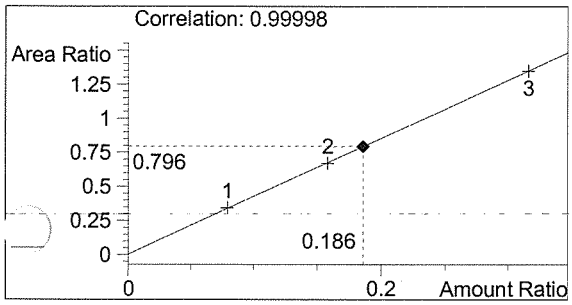
Instrument 3
DB-ALC1

02043
Naziha Nuwayhid, PhD

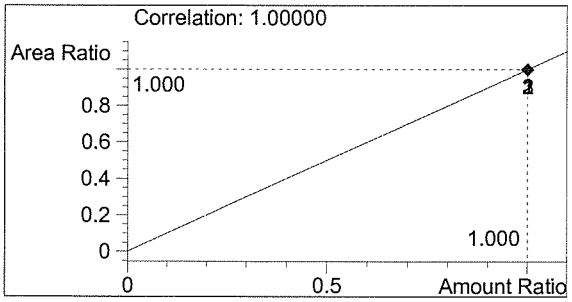
vial # 30



#	Compound	Area	RT
1	ETHANOL	2412	1.094
2	n-PROPANOL	3031	1.756
Totals:			



ETHANOL 0.186 g/100mL



n-PROPANOL 1.000 g/100mL

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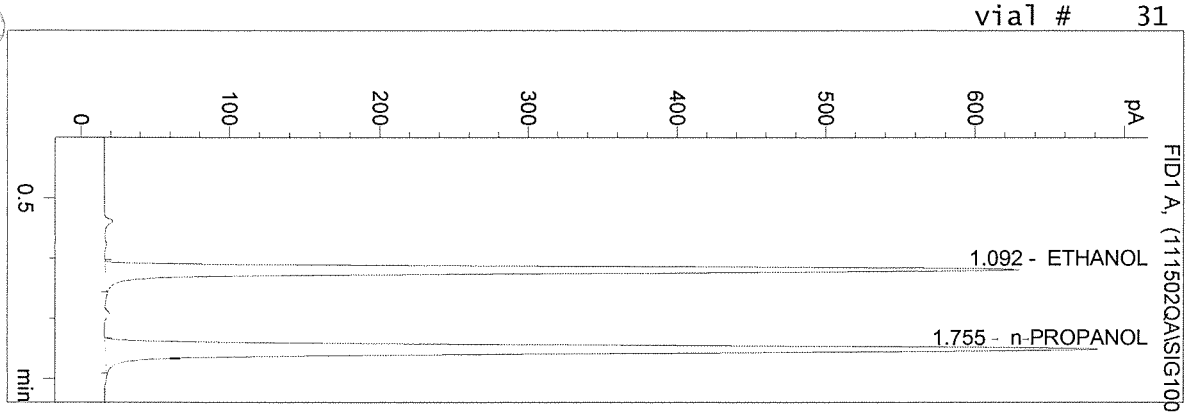
Instrument 3
DB-ALC1

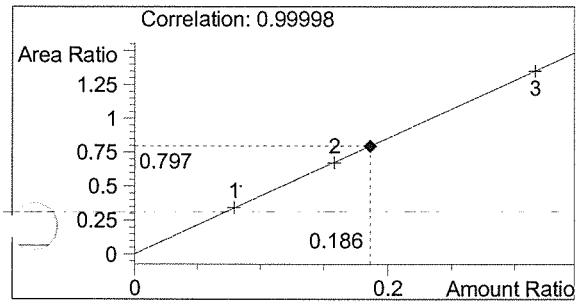
02043
Naziha Nuwayhid, PhD

vial # 31

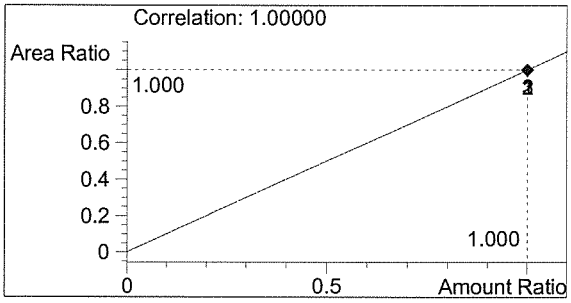


#	Compound	Area	RT
1	ETHANOL	2416	1.092
2	n-PROPANOL	3031	1.755

Totals:



ETHANOL 0.186 g/100mL



n-PROPANOL 1.000 g/100mL

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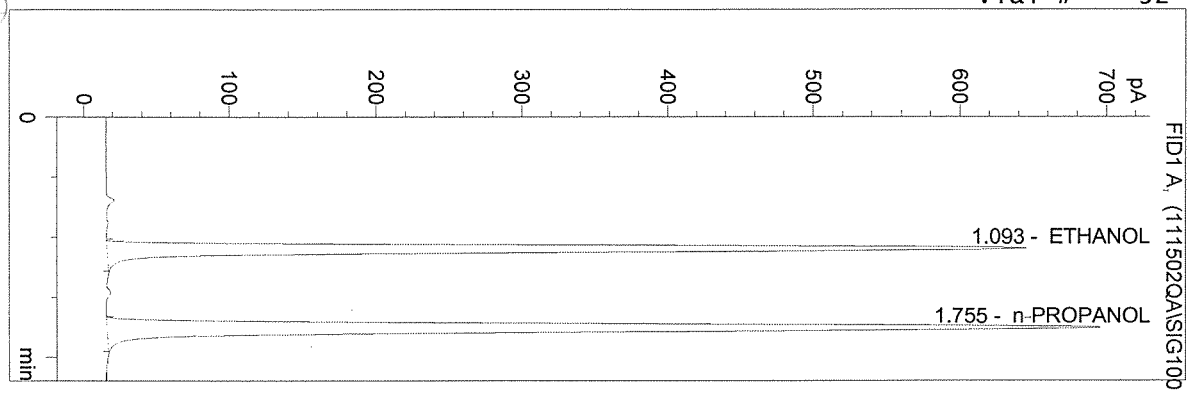
Instrument 3
DB-ALC1

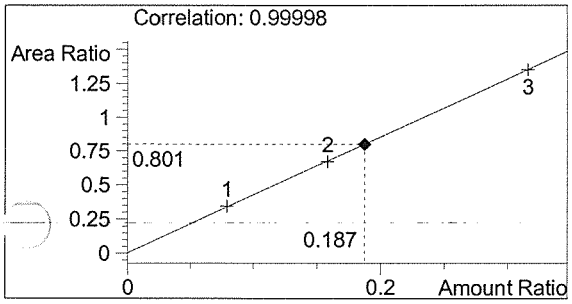
02043
Naziha Nuwayhid, PhD

vial # 32

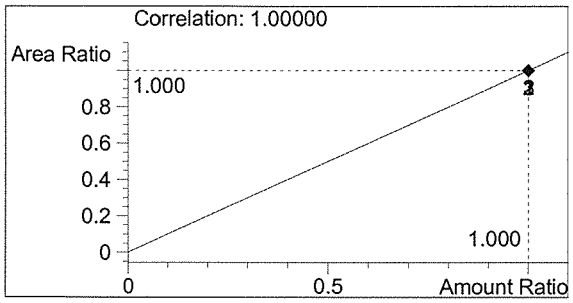


#	Compound	Area	RT
1	ETHANOL	2470	1.093
2	n-PROPANOL	3085	1.755

Totals:



ETHANOL 0.187 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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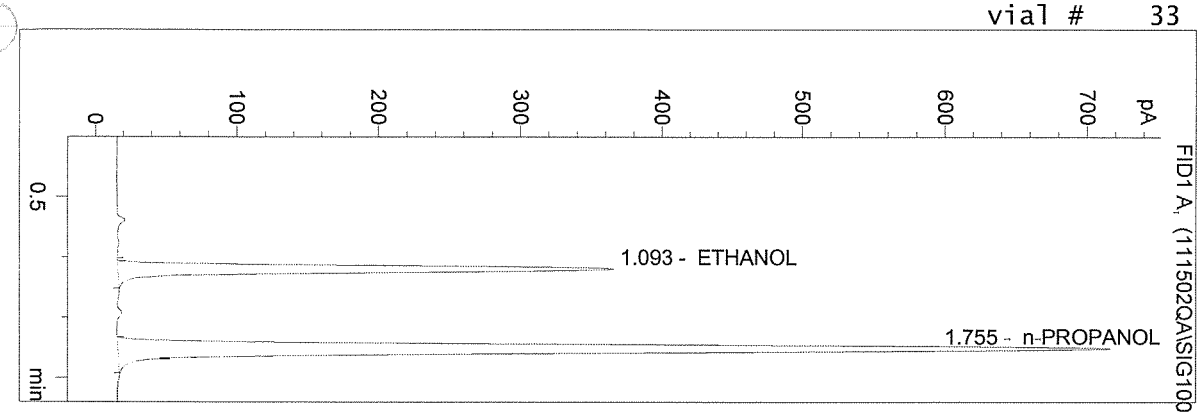
Instrument 3
DB-ALC1

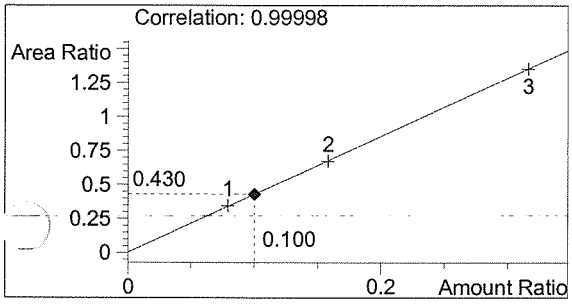
0.101 CAP
Naziha Nuwayhid, PhD

vial # 33

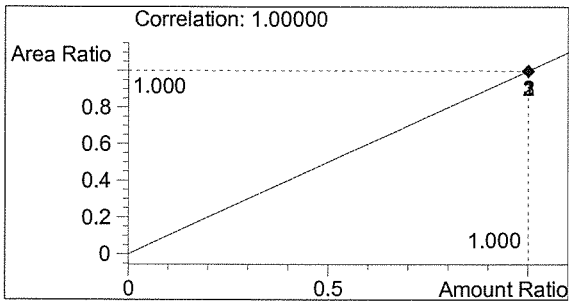


#	Compound	Area	RT
1	ETHANOL	1374	1.093
2	n-PROPANOL	3193	1.755

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

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Instrument 3
DB-ALC1

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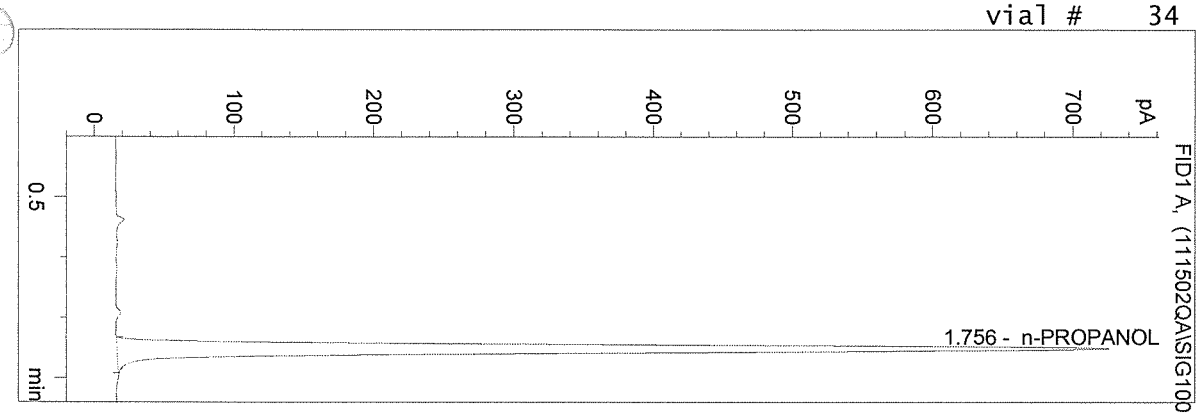
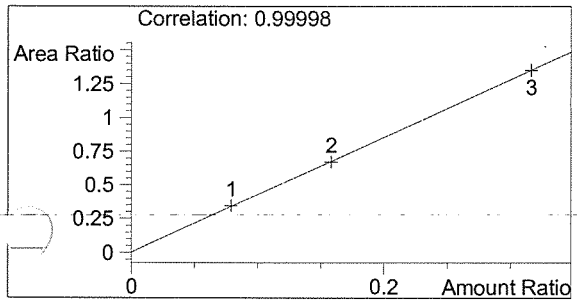
Naziha Nuwayhid, PhD

vial # 34

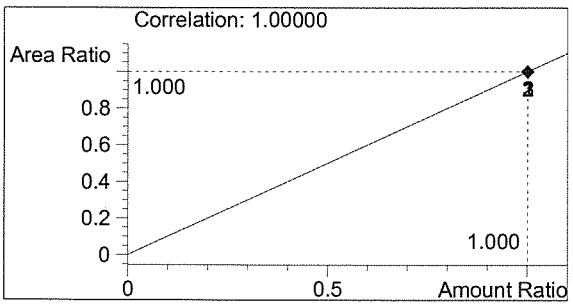


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3228	1.756

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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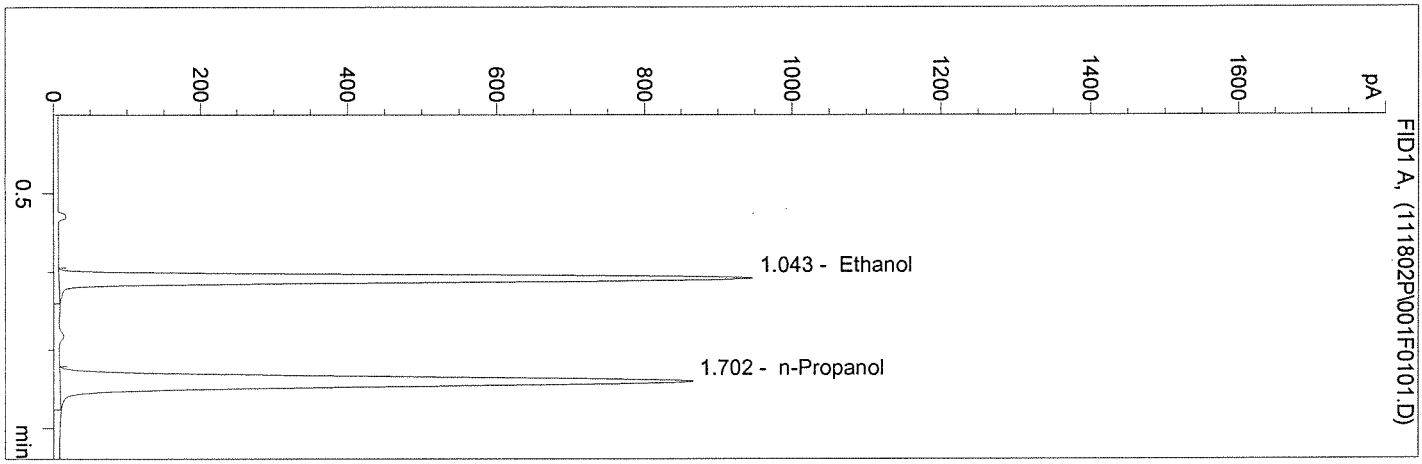
Instrument 1
-ALC1

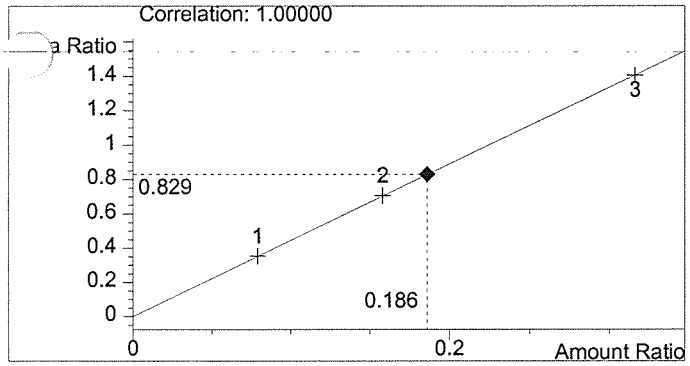
02043qa
m pemberton

vial # 1

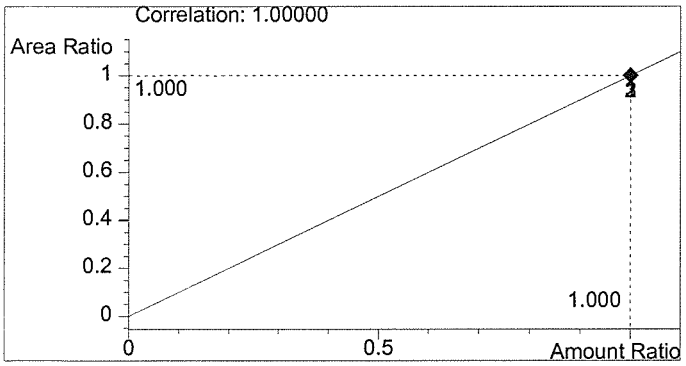


#	Compound	Area	RT
1	Ethanol	3078	1.043
2	n-Propanol	3712	1.702

Totals:



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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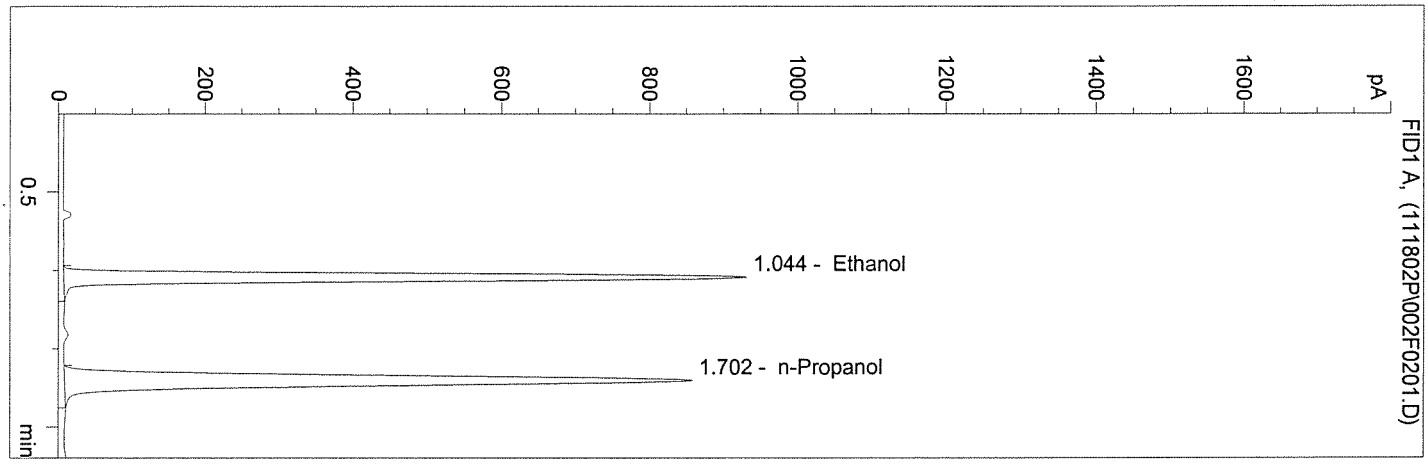
Instrument 1
ALC1

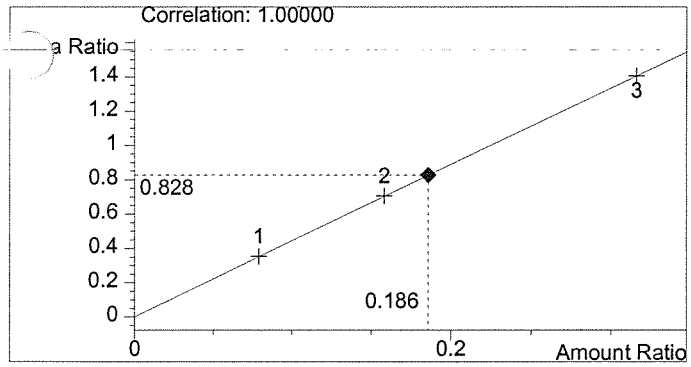
02043qa
m pemberton

vial # 2

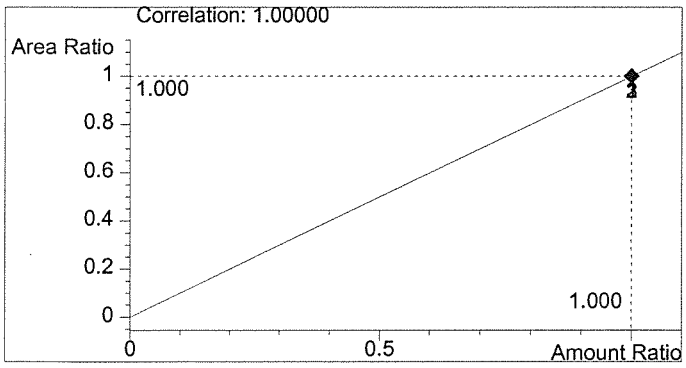


#	Compound	Area	RT
1	Ethanol	3062	1.044
2	n-Propanol	3700	1.702

Totals:



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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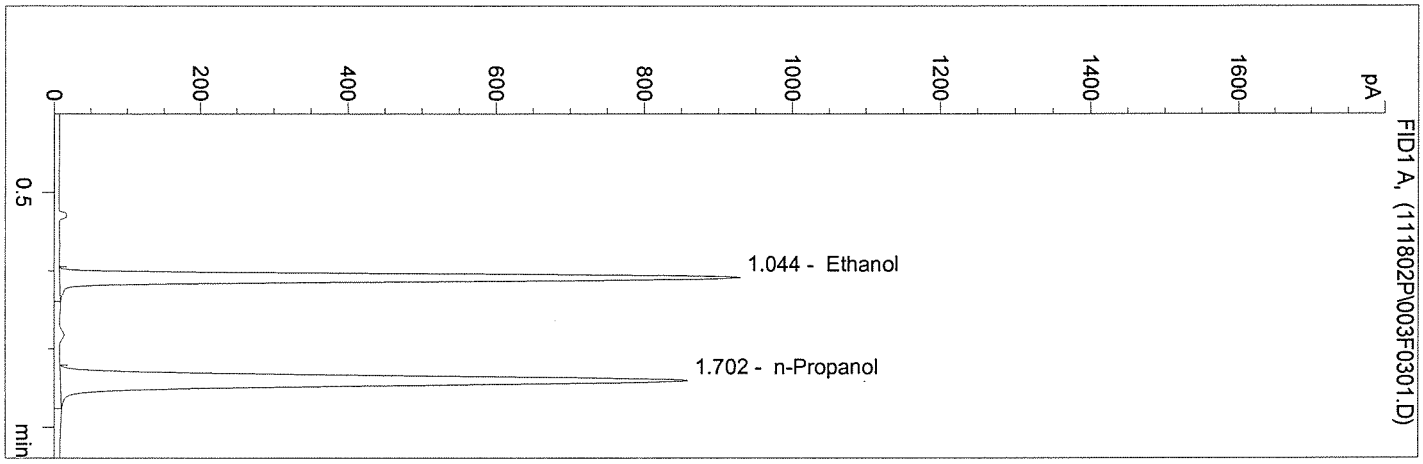
Instrument 1
ALC1

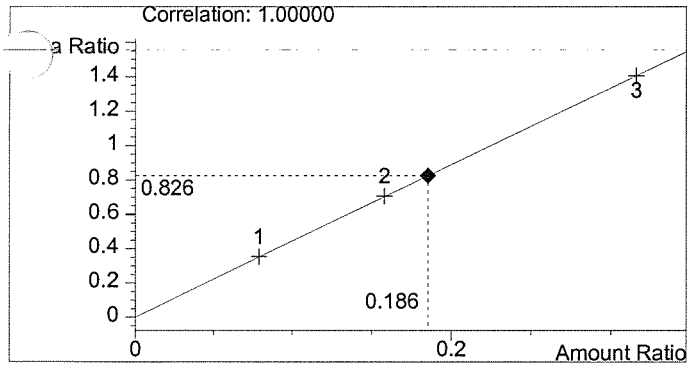
02043qa
m pemberton

vial # 3

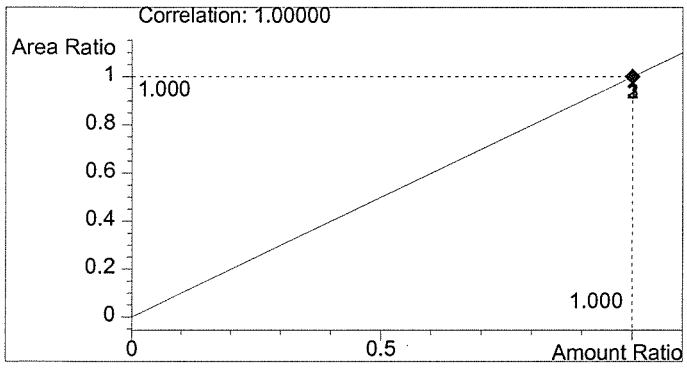


#	Compound	Area	RT
1	Ethanol	3059	1.044
2	n-Propanol	3701	1.702

Totals:



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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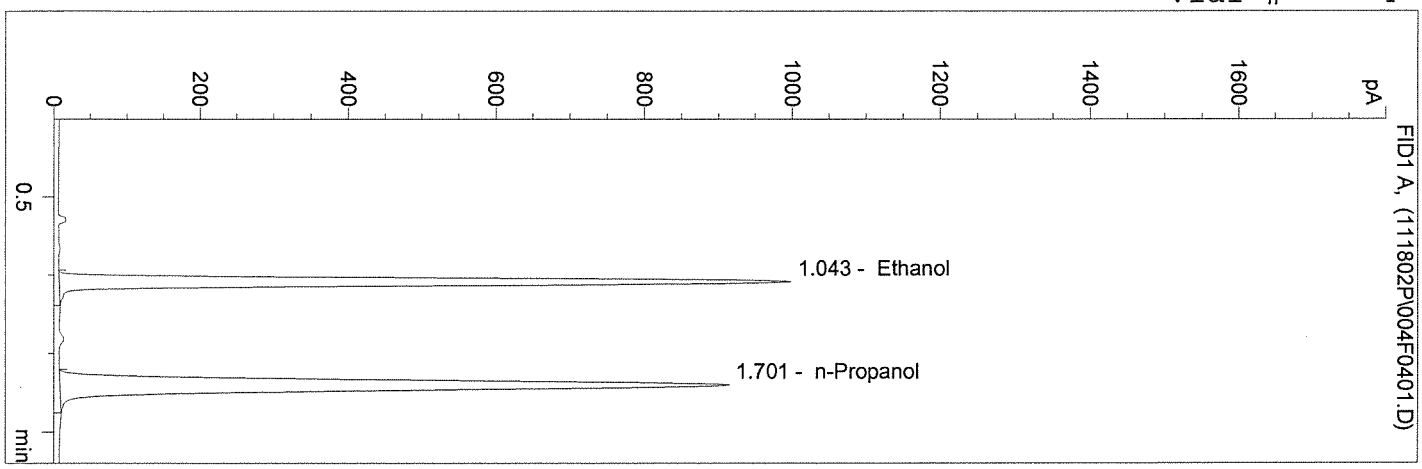
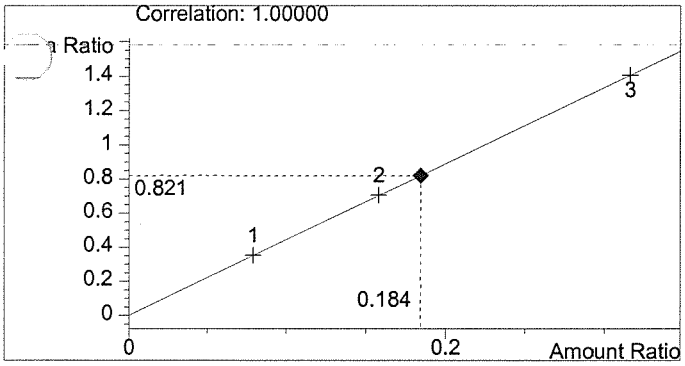
11/18/02 1:19:42 PM
Instrument 1
-ALC1

02043qa
m pemberton

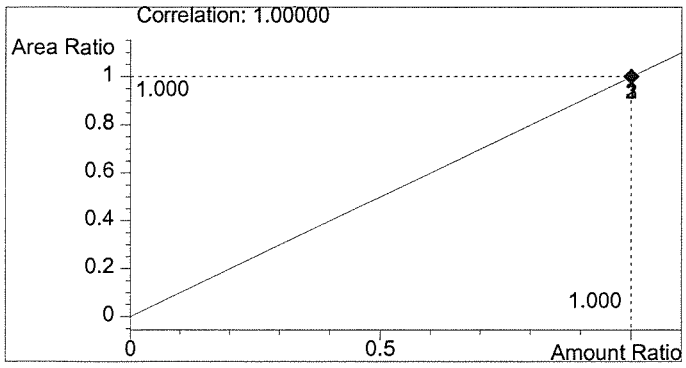
vial # 4



#	Compound	Area	RT
1	Ethanol	3212	1.043
2	n-Propanol	3913	1.701
Totals:			



Ethanol 0.184 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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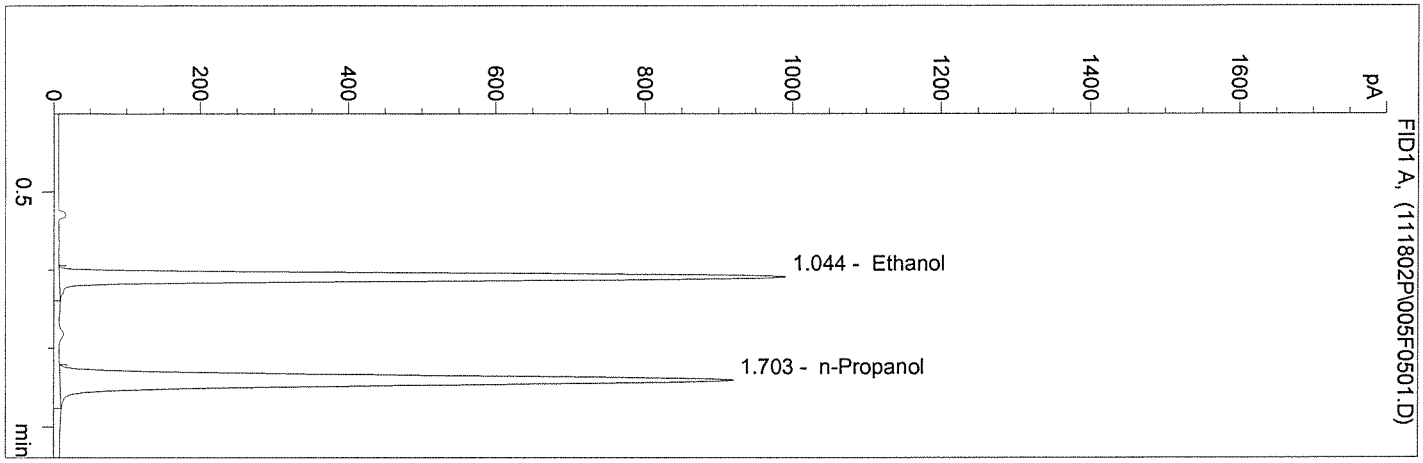
11/18/02 1:23:05 PM
Instrument 1
-ALC1

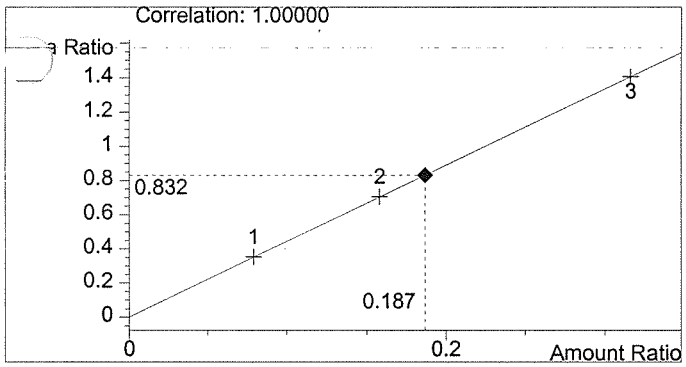
02043qa
m pemberton

vial # 5

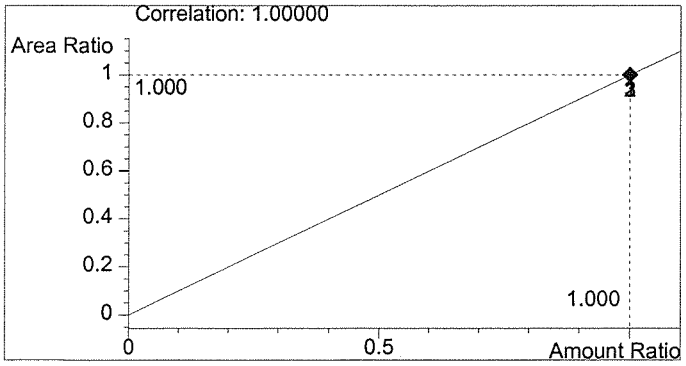


#	Compound	Area	RT
1	Ethanol	3309	1.044
2	n-Propanol	3975	1.703

Totals:



Ethanol 0.187 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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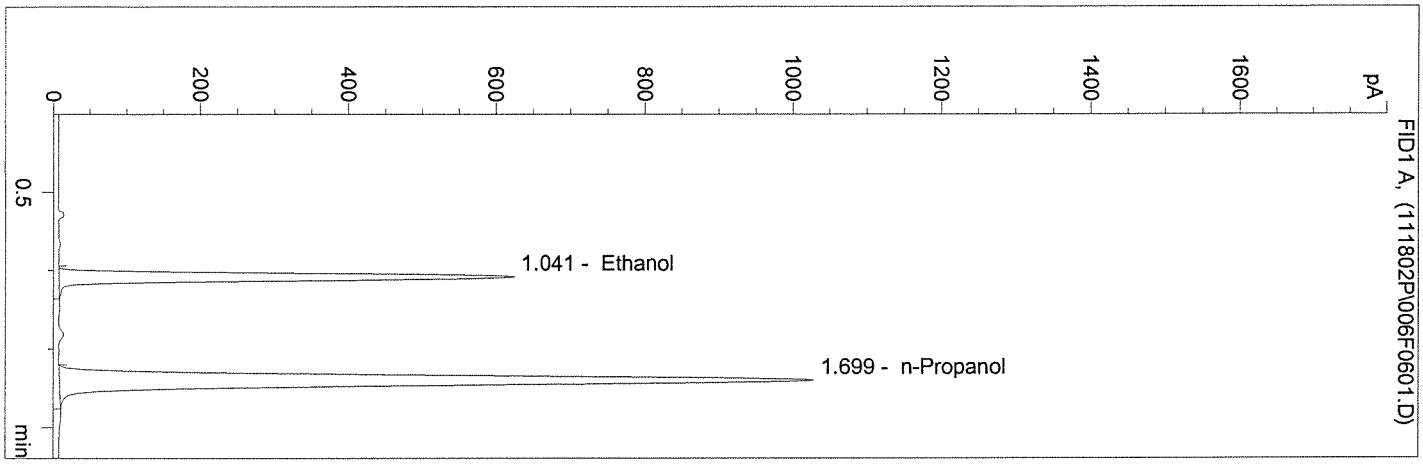
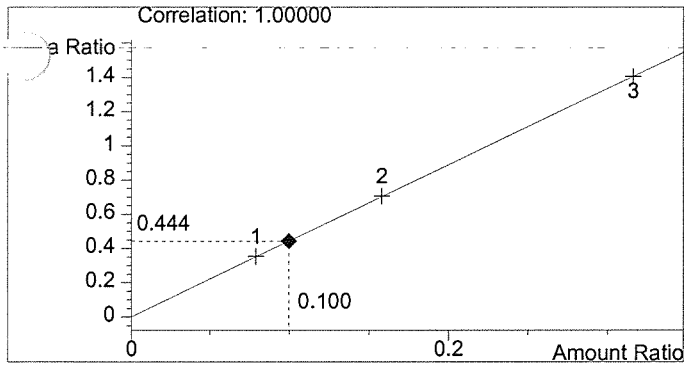
11/18/02 1:26:07 PM
Instrument 1
-ALC1

0.10 CONTROL
m pemberton

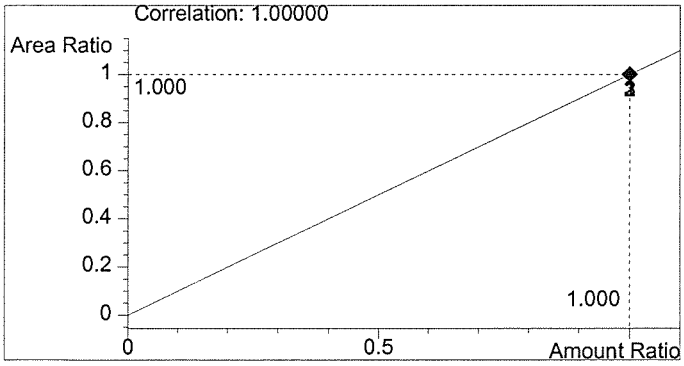
vial # 6



#	Compound	Area	RT
1	Ethanol	1927	1.041
2	n-Propanol	4340	1.699
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY Cal w/02039

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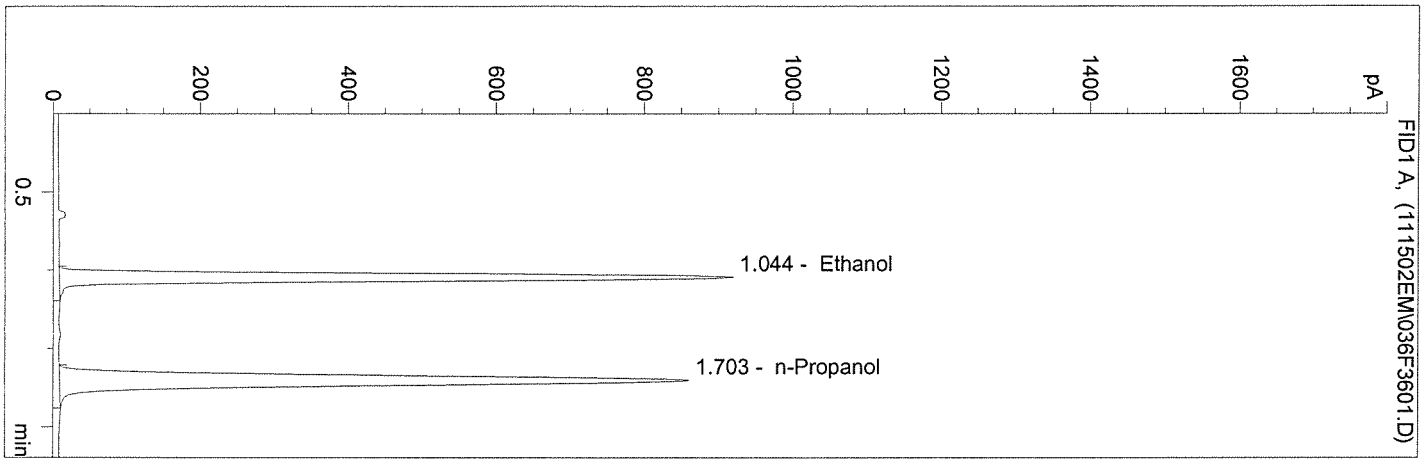
Instrument 1
-ALC1

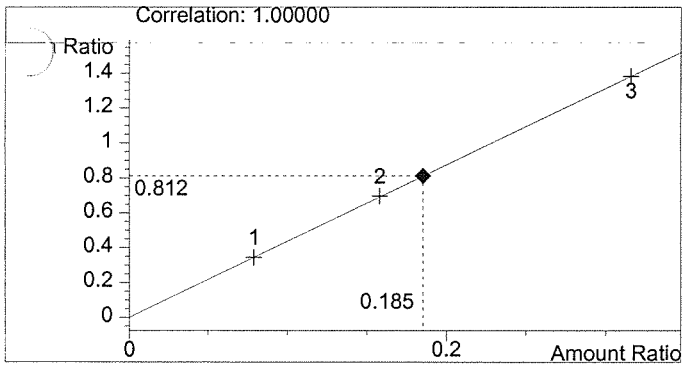
Q.A. Sol. 02043
Estuardo J. Miranda

vial # 36

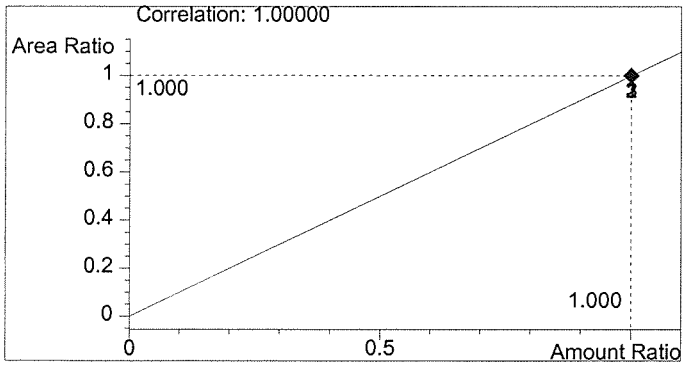


#	Compound	Area	RT
1	Ethanol	3002	1.044
2	n-Propanol	3697	1.703

Totals:



Ethanol 0.185 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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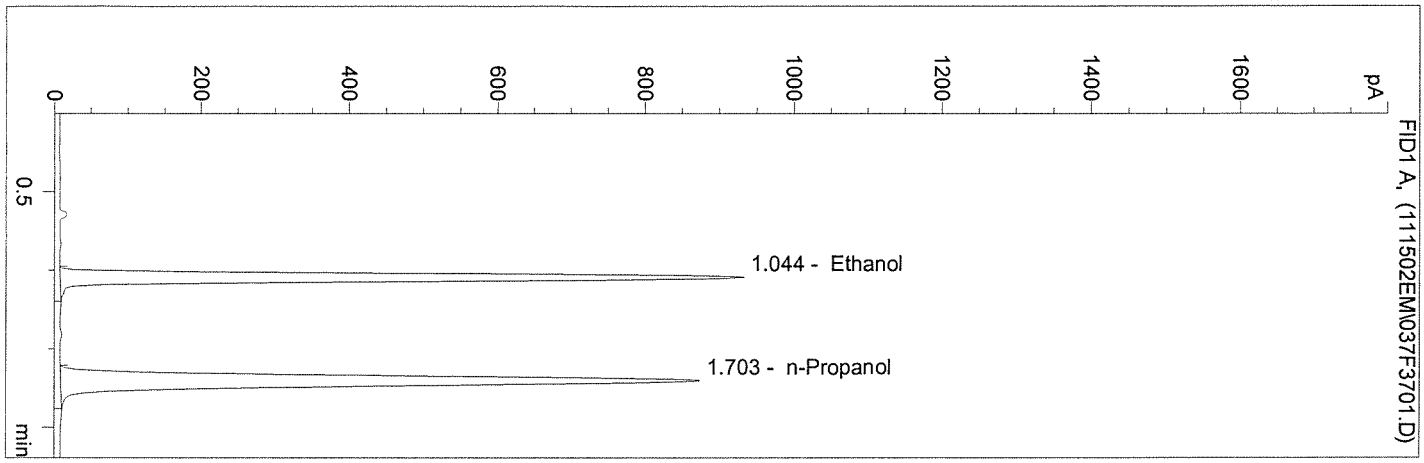
11/15/02 6:49:06 PM
Instrument 1
-ALC1

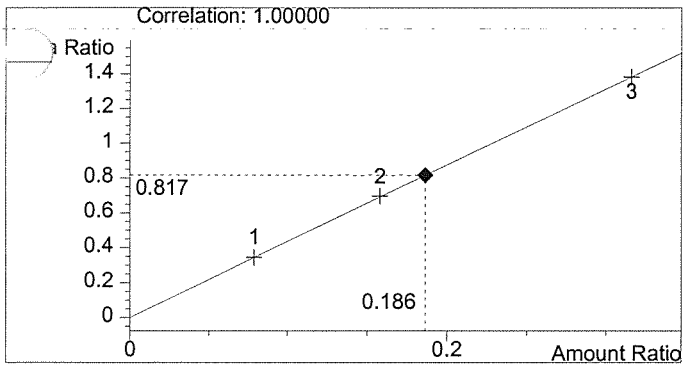
Q.A. Sol. 02043
Estuardo J. Miranda

vial # 37

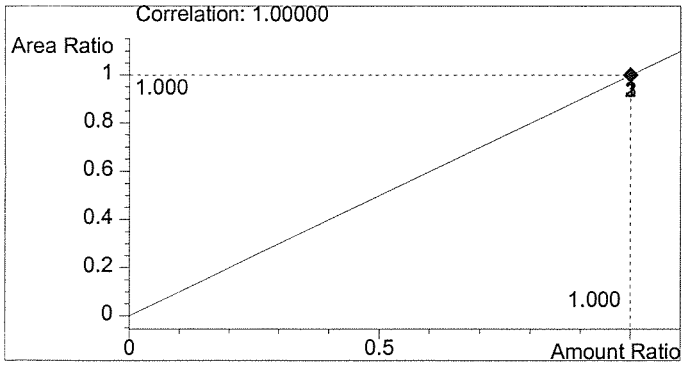


#	Compound	Area	RT
1	Ethanol	3072	1.044
2	n-Propanol	3762	1.703

Totals:



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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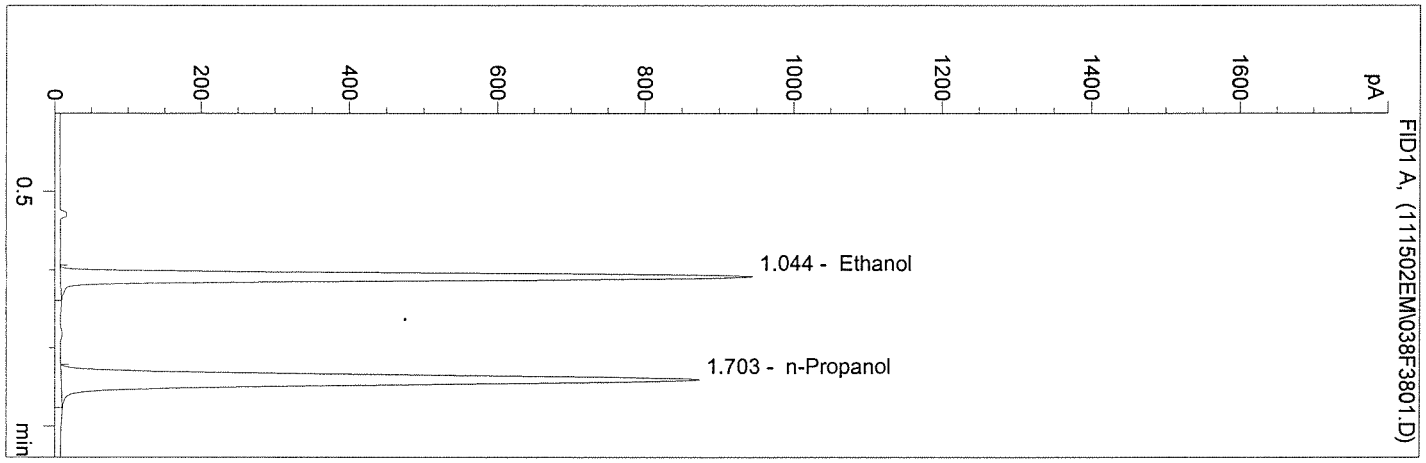
Instrument 1
-ALC1

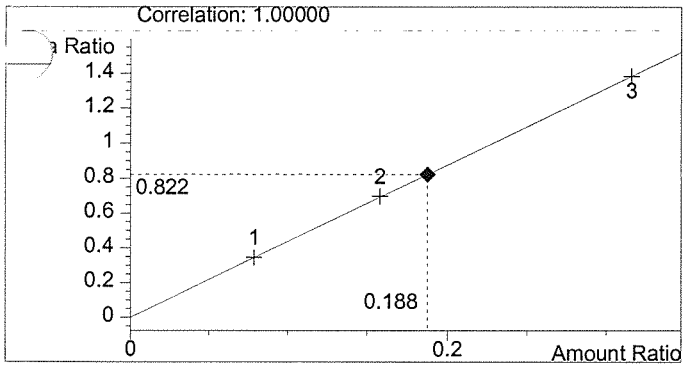
Q.A. Sol. 02043
Estuardo J. Miranda

vial # 38

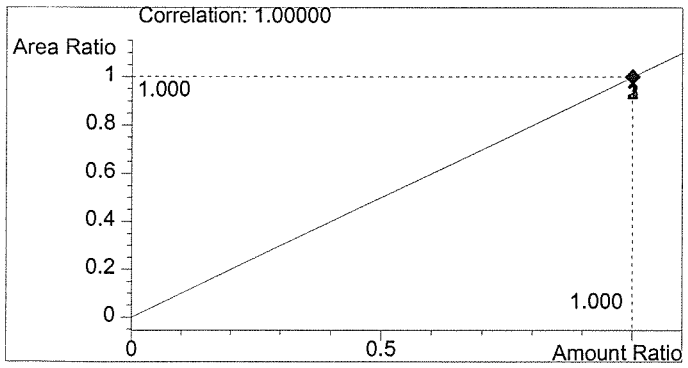


#	Compound	Area	RT
1	Ethanol	3079	1.044
2	n-Propanol	3746	1.703

Totals:



Ethanol 0.188 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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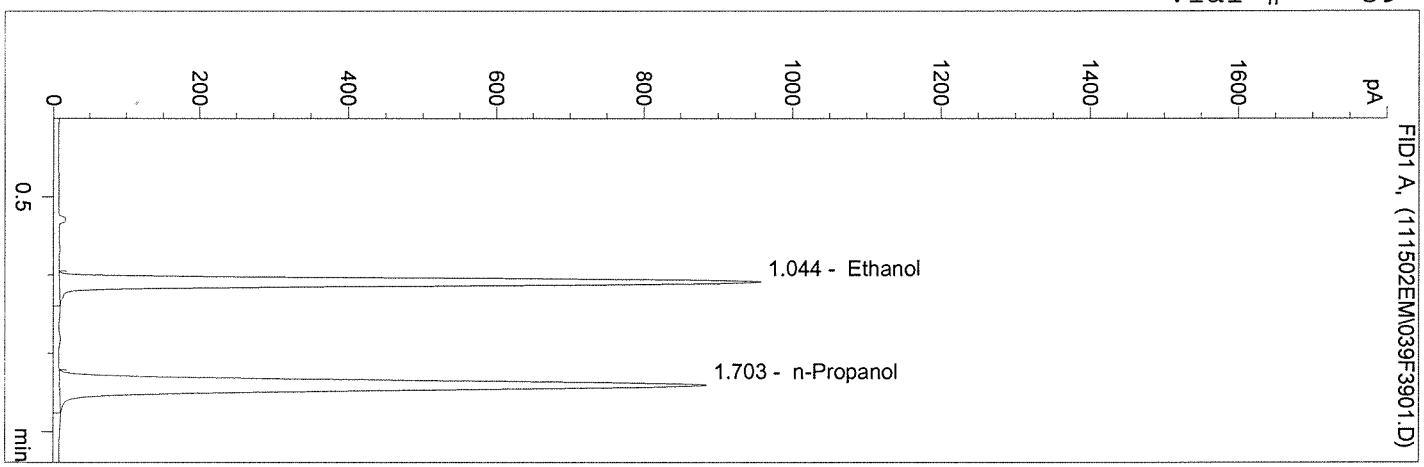
Instrument 1
-ALC1

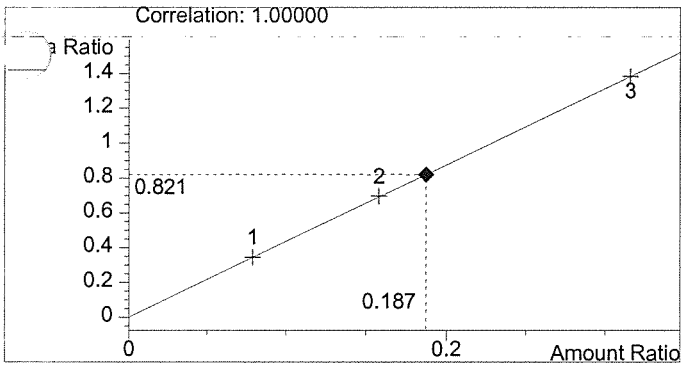
Q.A. Sol. 02043
Estuardo J. Miranda

vial # 39

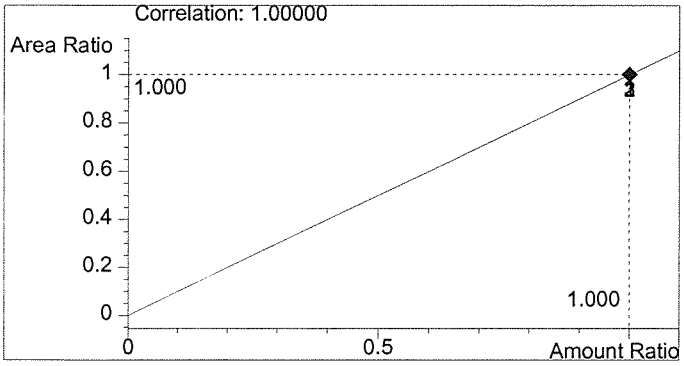


#	Compound	Area	RT
1	Ethanol	3121	1.044
2	n-Propanol	3803	1.703

Totals:



Ethanol 0.187 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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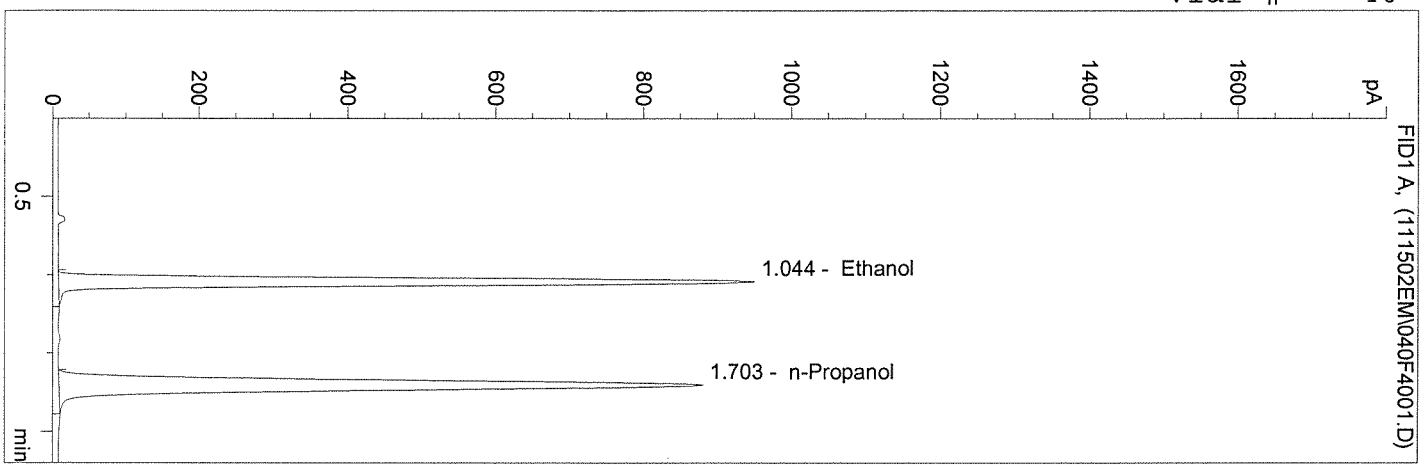
Instrument 1
-ALC1

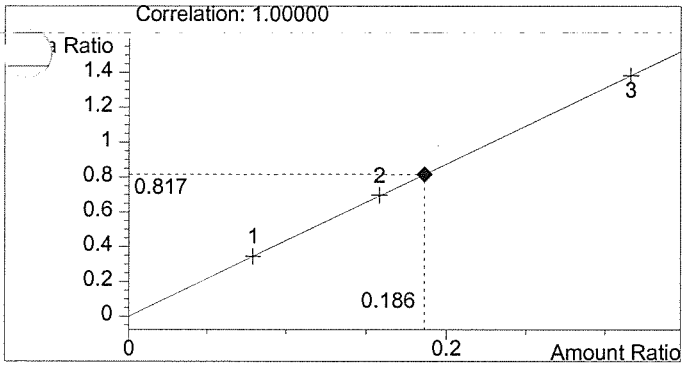
Q.A. Sol. 02043
Estuardo J. Miranda

vial # 40

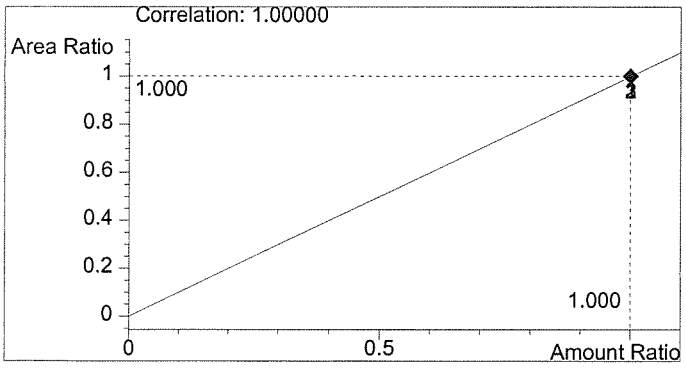


#	Compound	Area	RT
1	Ethanol	3088	1.044
2	n-Propanol	3782	1.703

Totals:



Ethanol 0.186 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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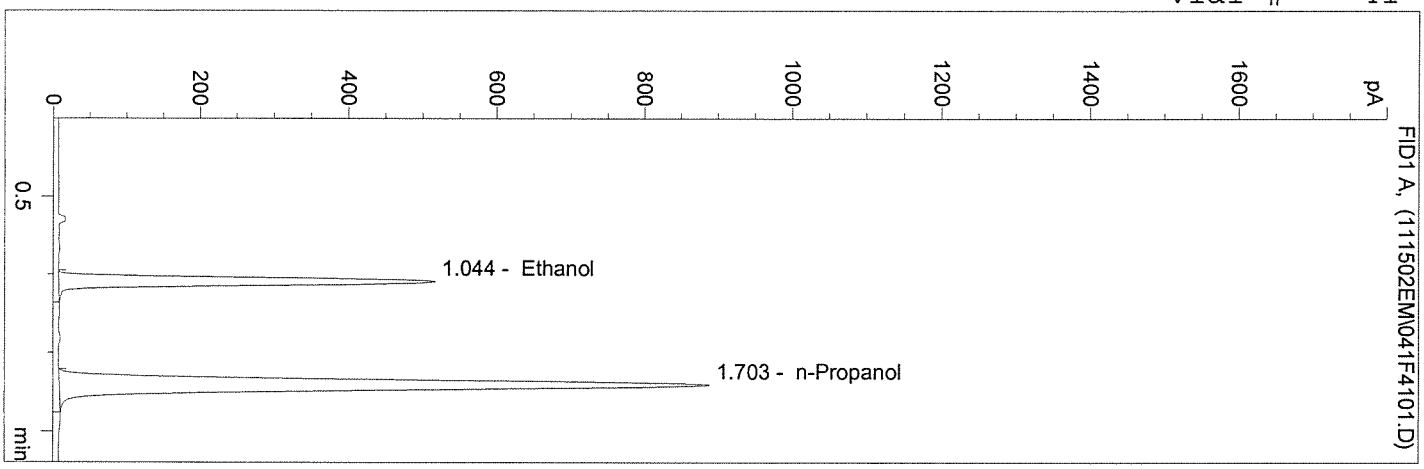
Instrument 1
-ALC1

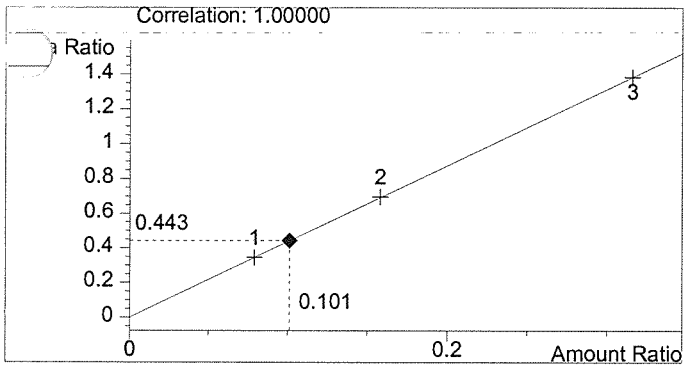
0.100 Control
Estuardo J. Miranda

vial # 41

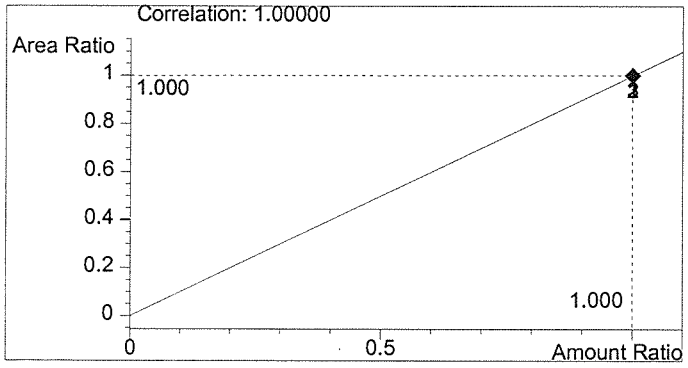


#	Compound	Area	RT
1	Ethanol	1701	1.044
2	n-Propanol	3838	1.703

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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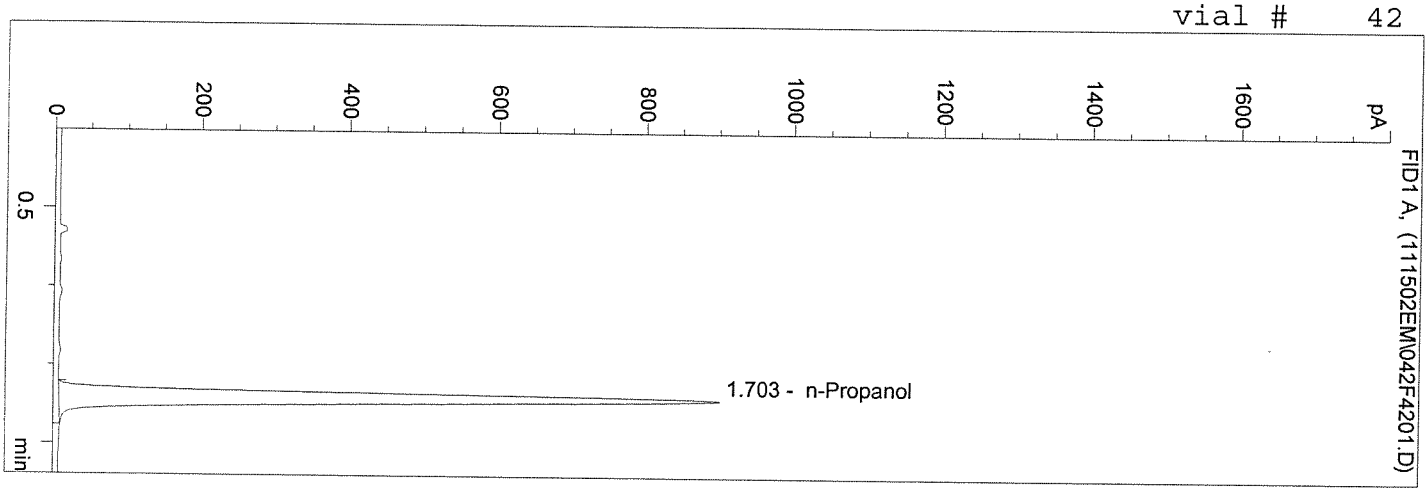
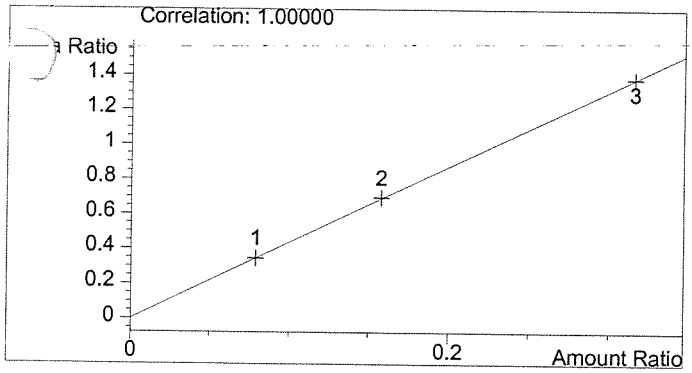
Instrument 1
-ALC1

BLANK
Estuardo J. Miranda

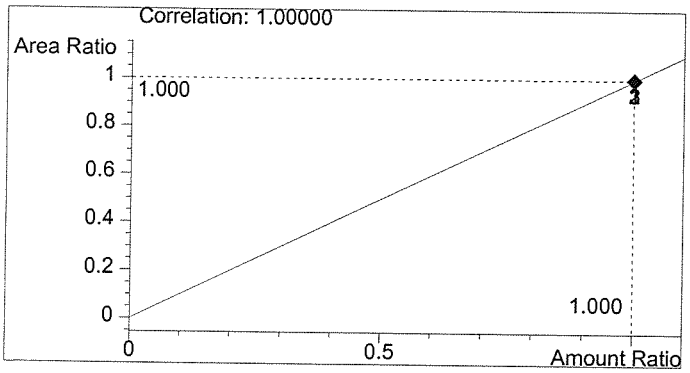
vial # 42



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3884	1.703
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml