Notice of Simulator Solution File Review

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

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

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

10/5/2007

Tpr. Ken Denton Date

10-5-07

Rod G. Gullberg Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROB GULLBERG Date 10-5-07

Location TOX LAB SEATTLE Batch Number 07038

Form Review Criteria

Preparation date precedes all analysis dates: Okay X Not Okay ___

Data entry corresponds to all chromatograms: Okay X Not Okay ___

All signatures present: Okay X Not Okay ___

Computations:

Avg. solution concentration: Correct X Not Correct ___

Standard deviation: Correct X Not Correct ___

Range: Correct X Not Correct ___

Precision: Correct X Not Correct ___

Equivalent vapor concent.: Correct X Not Correct ___

External Control Information
(lot # and future date): Correct X Not Correct ___

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

Corrections Necessary:

Comments:

Reviewer Signature: R G Gullberg Date: 10-5-07

Reviewer Signature: K L T Date: 10/5/2007

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

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

Batch number **07038** Date prepared: 09/20/2007

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	Anal 13	Anal14	Anal 15	Anal 16
1	0.099	0.099	0.098													
2	0.100	0.099	0.100													
3	0.099	0.097	0.099													
4	0.098	0.098	0.099													
5	0.099	0.099	0.098													
Ctrl	0.101	0.099	0.100													

Statistics:

Avg. solution concent.: 0.0987 g/100 mL

SD: 0.00080

Precision CV (%): 0.8093 %

External Control:

Lot #: A050528 Exp date: 7/2011

Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.0802 g/210L

Analyst	Name	Signature	Date
1	Amanda Black		09/20/2007
2	Sarah M Swenson		09/20/2007
3	Rebecca Flaherty		09/21/2007
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Amanda Black according to the approved protocol

ver 09/06/2007

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 07038

I, Amanda Black, 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 DataMaster breath test instrument.

I possess the following qualifications: BS degrees in Chemistry and Veterinary Science.

The quality assurance solution, Lot Number 07038, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA

10-01-07

Amanda Black Date
Forensic Toxicologist

AB/jr
ABQA

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 07038

I, Sarah M Swenson, 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 DataMaster breath test instrument.

I possess the following qualifications: BS degree in Chemistry and over four years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07038, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA

Sarah M Swenson Date 10/4/07
Forensic Toxicologist

SMS/jr
SMSQA

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 07038

I, Rebecca Flaherty, 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 DataMaster breath test instrument.

I possess the following qualifications: BS degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The quality assurance solution, Lot Number 07038, was prepared in the Washington State Toxicology Laboratory on 9/20/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/20/2008.

Seattle, WA

10-1-07
Rebecca Flaherty Date
Forensic Toxicologist

RF/jr
RFQA

Batch Worksheet Checkoff

Please check the data entered into the worksheet is correct and that the date to the right of your name is the date that you tested the solution and then sign the worksheet.

Please initial below to affirm that you have:

1 – Initialed and dated your chromatograms
2 – Checked your data
3 – Checked the date to the right of your name on the worksheet
4 – Signed the worksheet.

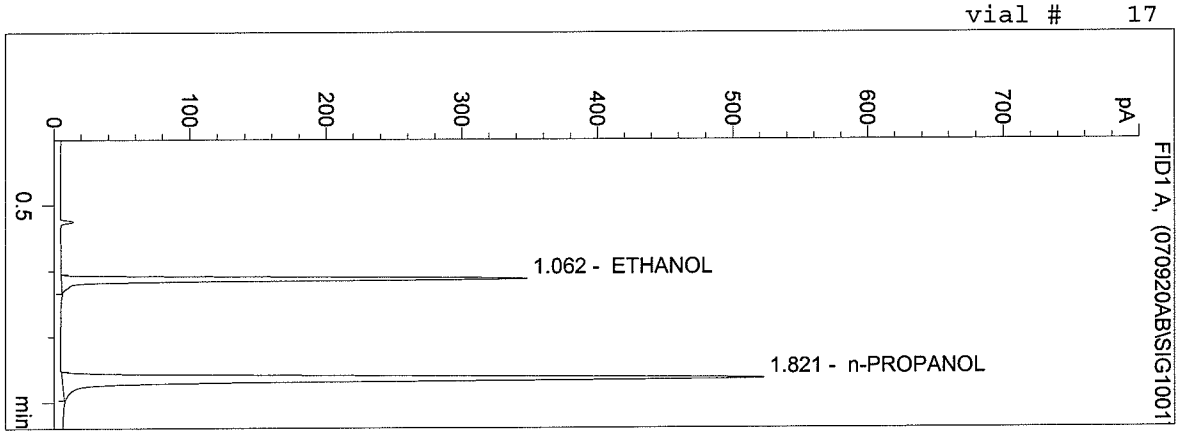
	Initials	Date
Brianne Akins		
Brittany Ball		
Amanda Black	AB	10-01-07
Brian Capron		
Rebecca Flaherty	RF	10-1-07
Ed Formoso		
Christopher Johnston		
Justin Knoy		
Asa Louis		
Estuardo Miranda		
Christie Mitchell		
Lisa Noble		
Naziha Nuwayhid		
Melissa Pemberton	Reviewed by MP	10/07
Brianna Peterson		
Sarah Swenson	SMS	10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/20/2007 2:23:49 PM
Instrument 3
db-alc2

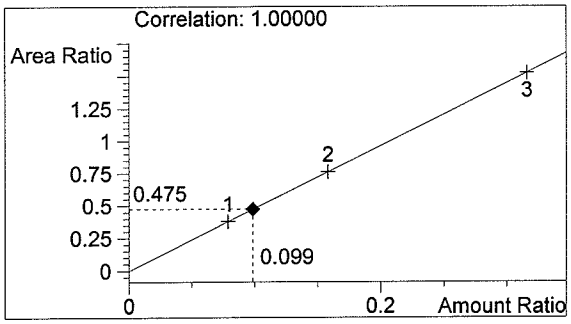
QA 07038-1
A. Black

vial # 17

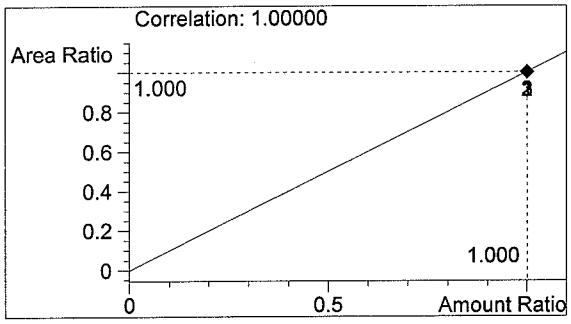


#	Compound	Area	RT
1	ETHANOL	680	1.062
2	n-PROPANOL	1430	1.821

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CALIBRATION FILED WITH 07037

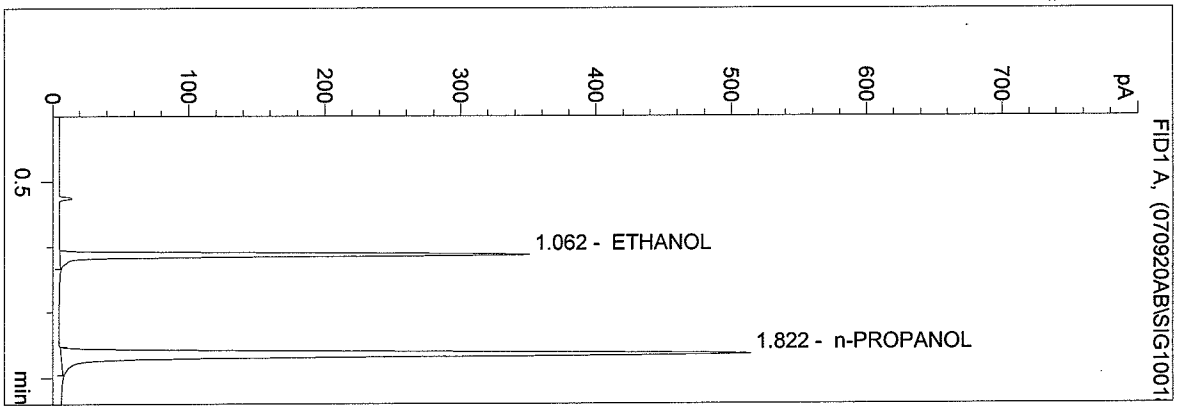
10-01-07
CB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/20/2007 2:26:56 PM
Instrument 3
db-alc2

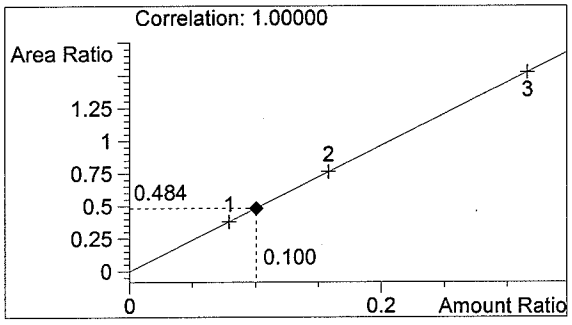
QA 07038-2
A. Black

vial # 18

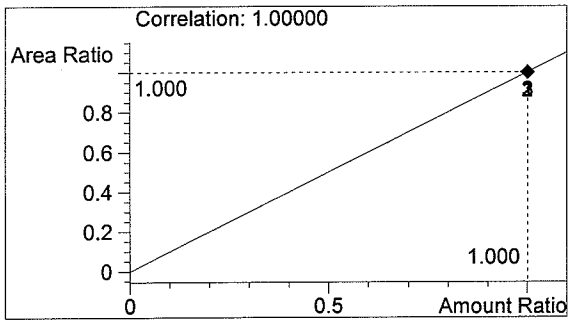


#	Compound	Area	RT
1	ETHANOL	679	1.062
2	n-PROPANOL	1402	1.822

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

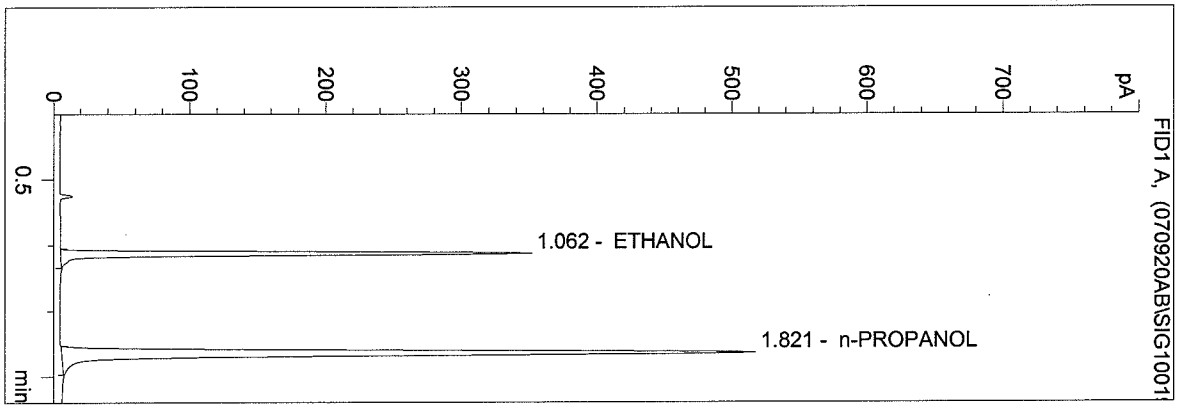
10-01-07
CB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
9/20/2007 2:30:04 PM
Instrument 3
db-alc2

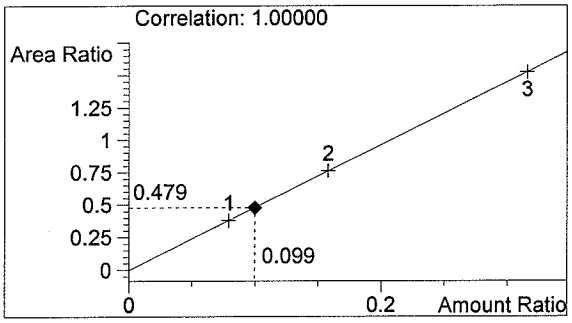
QA 07038-3
A. Black

vial # 19

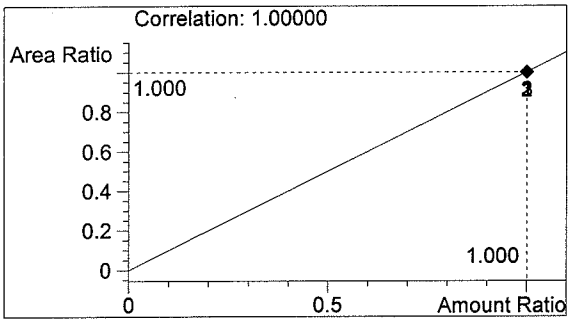


#	Compound	Area	RT
1	ETHANOL	676	1.062
2	n-PROPANOL	1410	1.821

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

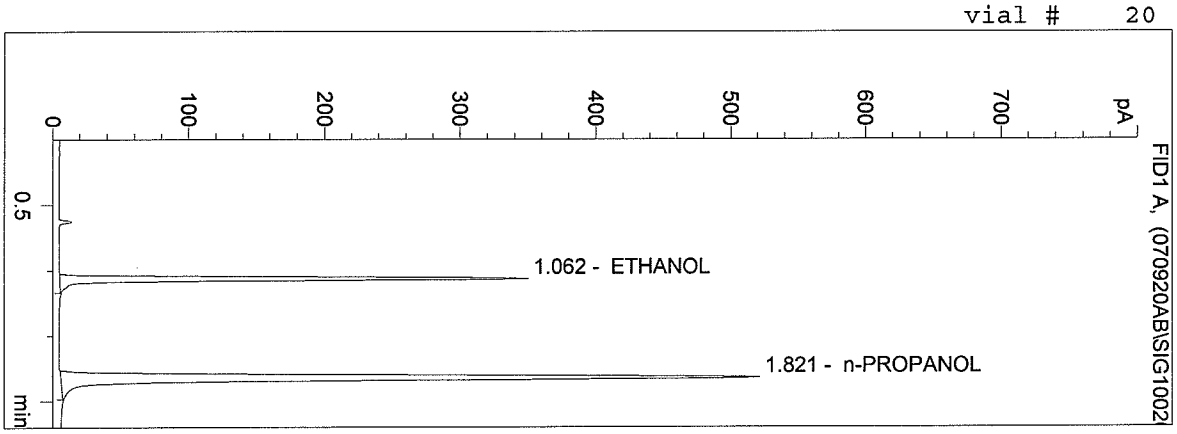
10-01-07
08

WASHINGTON STATE TOXICOLOGY LABORATORY

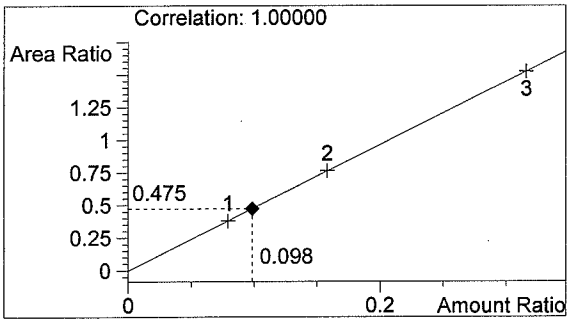
C:\HPCHEM\2\METHODS\BLDALCO3.M
9/20/2007 2:33:11 PM
Instrument 3
db-alc2

QA 07038-4
A. Black

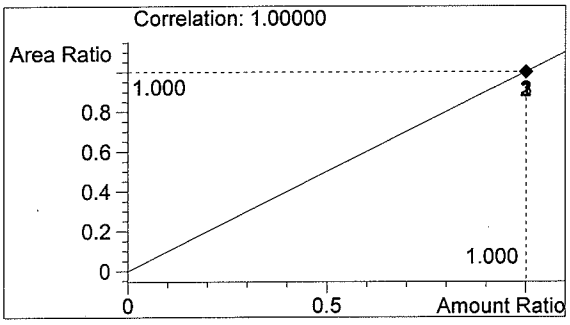
vial # 20



#	Compound	Area	RT
1	ETHANOL	675	1.062
2	n-PROPANOL	1423	1.821
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

10-01-07

WASHINGTON STATE TOXICOLOGY LABORATORY

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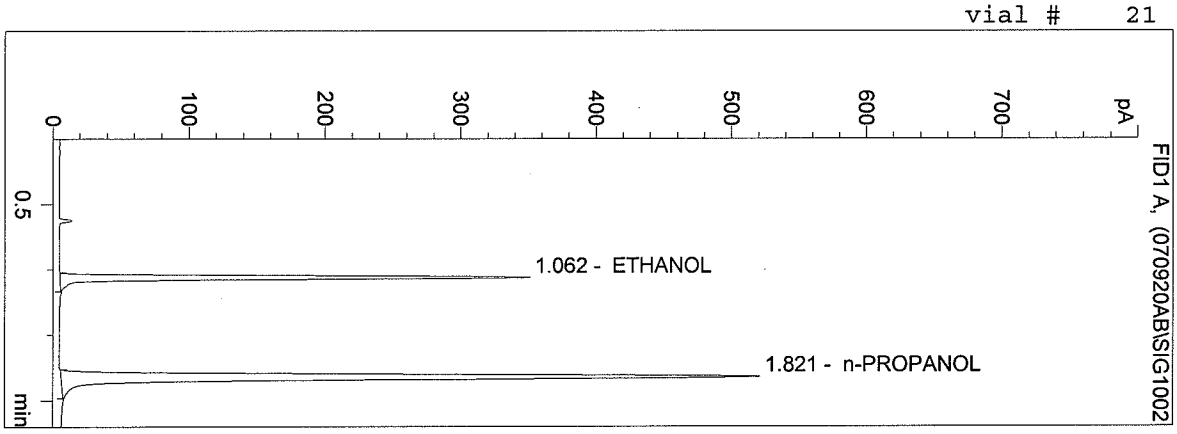
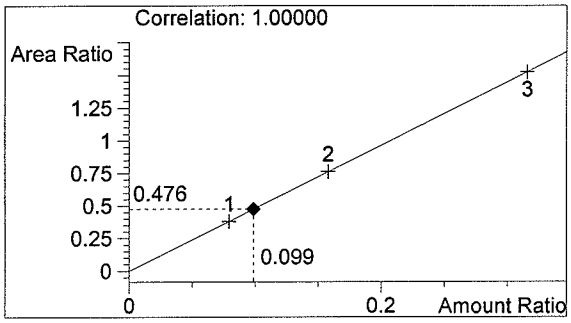
9/20/2007 2:36:18 PM
Instrument 3
db-alc2

QA 07038-5
A. Black

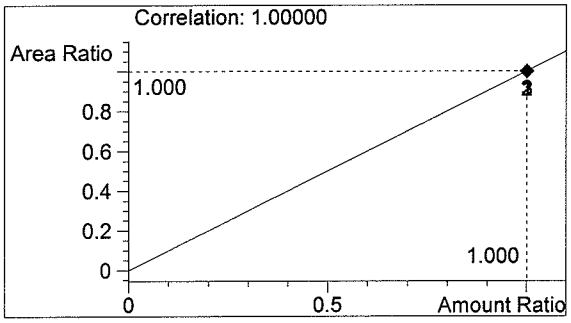
vial # 21



#	Compound	Area	RT
1	ETHANOL	675	1.062
2	n-PROPANOL	1419	1.821
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

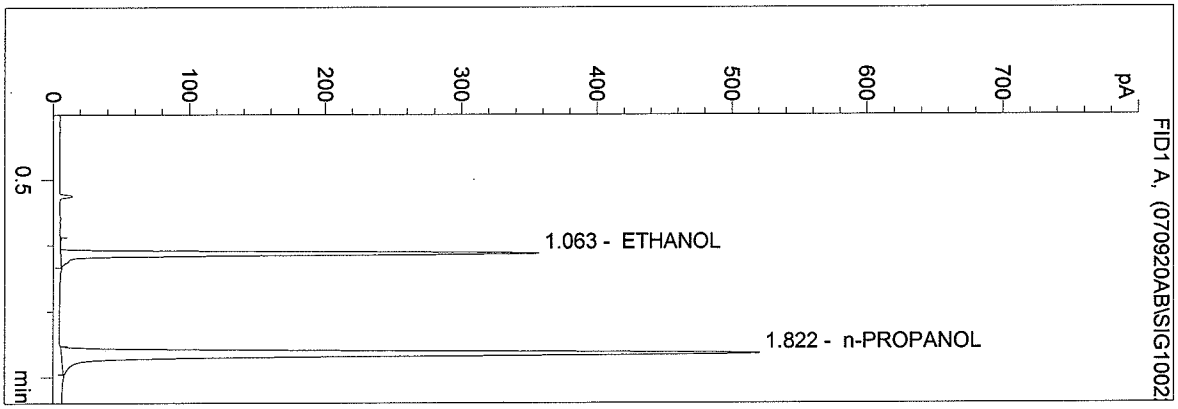
10-01-07
CB

WASHINGTON STATE TOXICOLOGY LABORATORY

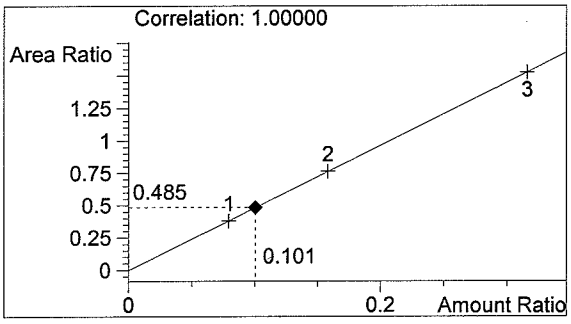
C:\HPCHEM\2\METHODS\BLDALCO3.M
9/20/2007 2:39:25 PM
Instrument 3
db-alc2

0.10 CONTROL-AB
A. Black

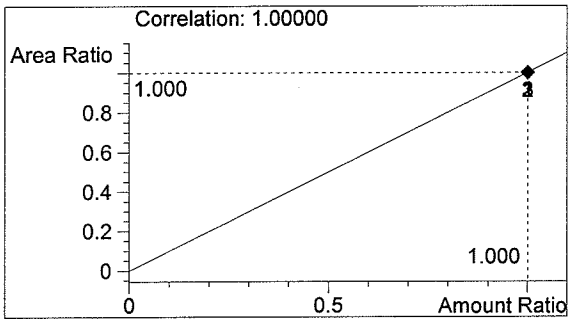
vial # 22



#	Compound	Area	RT
1	ETHANOL	687	1.063
2	n-PROPANOL	1417	1.822
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

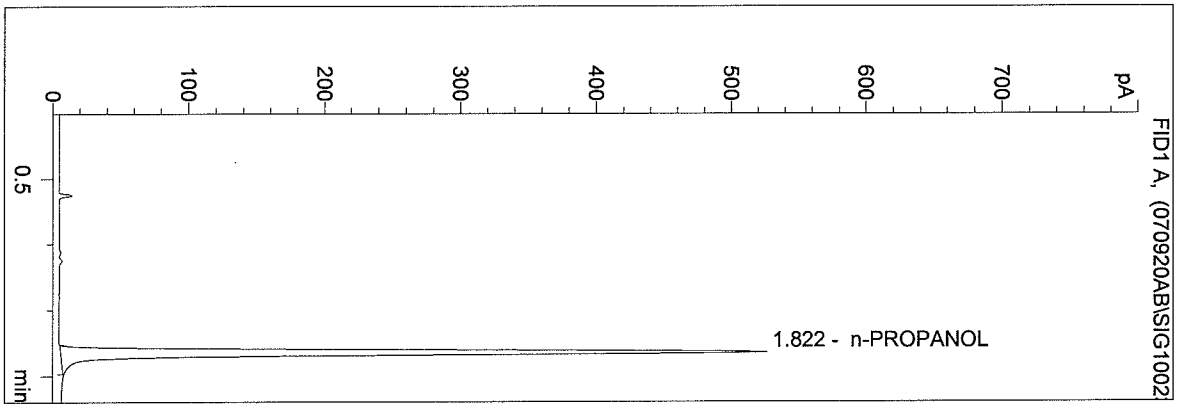
10-01-07
CB

WASHINGTON STATE TOXICOLOGY LABORATORY

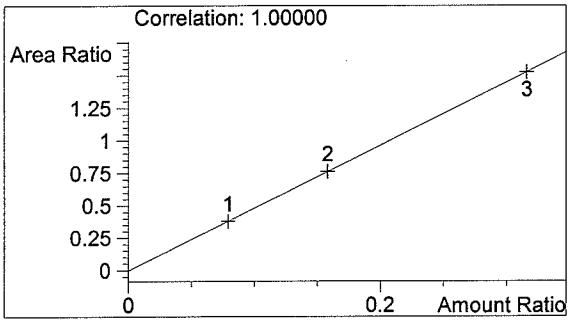
C:\HPCHEM\2\METHODS\BLDALCO3.M
9/20/2007 2:42:33 PM
Instrument 3
db-alc2

BLANK
A. Black

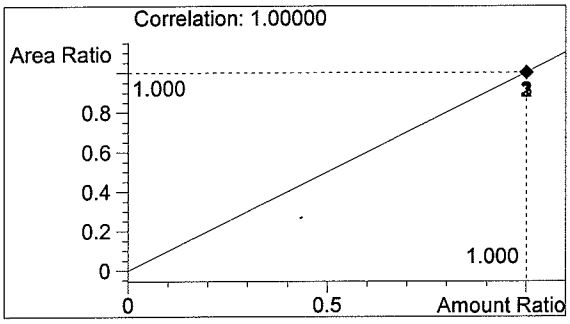
vial # 23



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1436	1.822
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

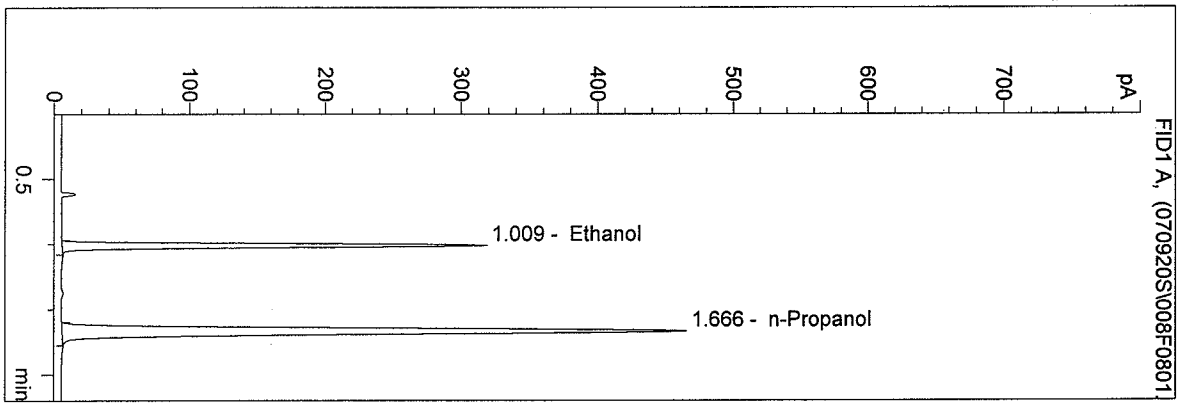
10-01-07

WASHINGTON STATE TOXICOLOGY LABORATORY

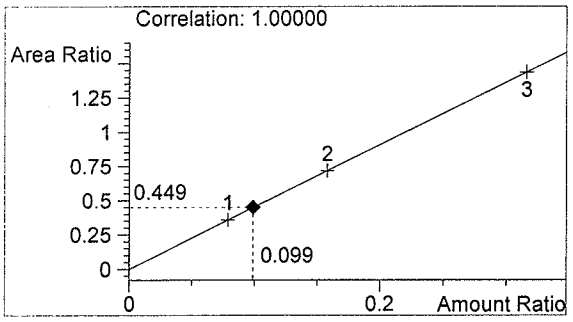
D:\HPCHEM\1\METHODS\BLDALCO.M
9/20/2007 3:44:56 PM
Instrument 4
DB-ALC1

07038-1
SARAH SWENSON

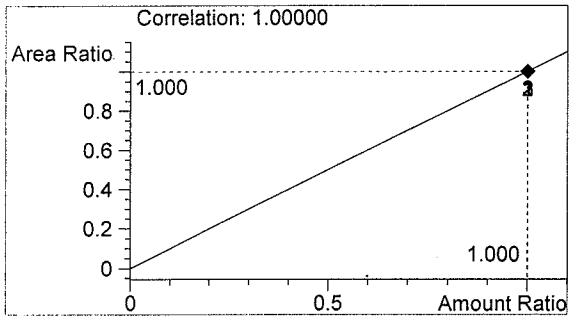
vial # 8



#	Compound	Area	RT
1	Ethanol	653	1.009
2	n-Propanol	1453	1.666
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

0.10 CTL A050527 EXP 7/11
CAL FILED WITH CASE
FILE 0707391.

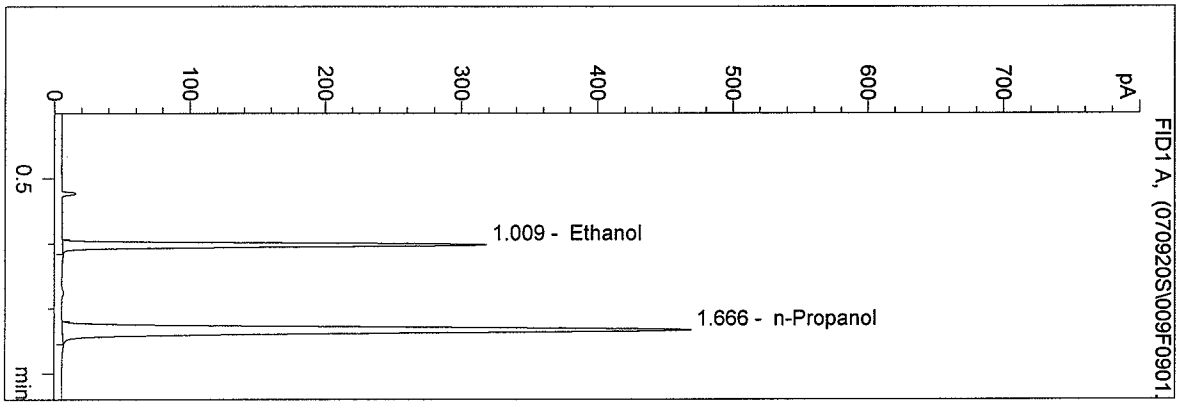
SMS
10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

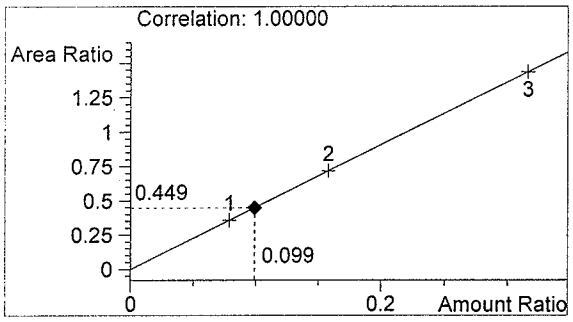
D:\HPCHEM\1\METHODS\BLDALCO.M
9/20/2007 3:48:14 PM
Instrument 4
DB-ALC1

07038-2
SARAH SWENSON

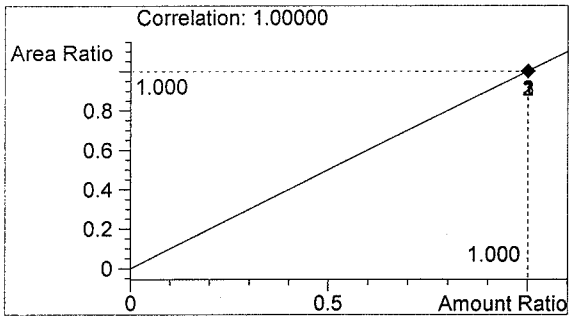
vial # 9



#	Compound	Area	RT
1	Ethanol	658	1.009
2	n-Propanol	1467	1.666
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

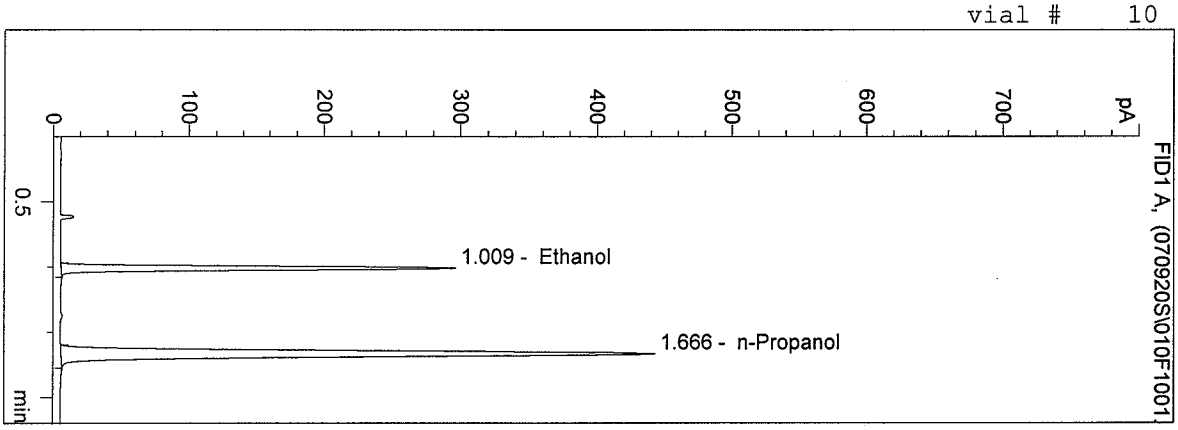
SJS 10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

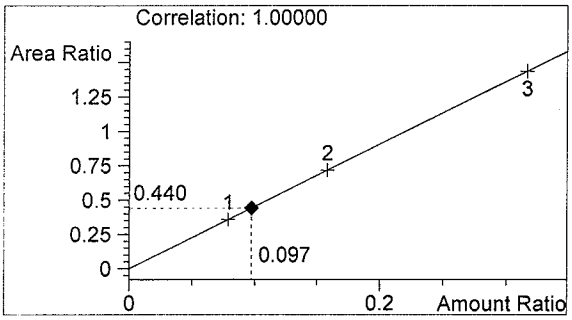
D:\HPCHEM\1\METHODS\BLDALCO.M
9/20/2007 3:51:32 PM
Instrument 4
DB-ALC1

07038-3
SARAH SWENSON

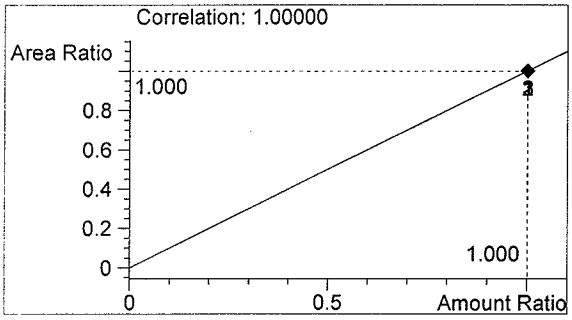
vial # 10



#	Compound	Area	RT
1	Ethanol	610	1.009
2	n-Propanol	1385	1.666
Totals:			



Ethanol 0.097 g/100ml



n-Propanol 1.000 g/100ml

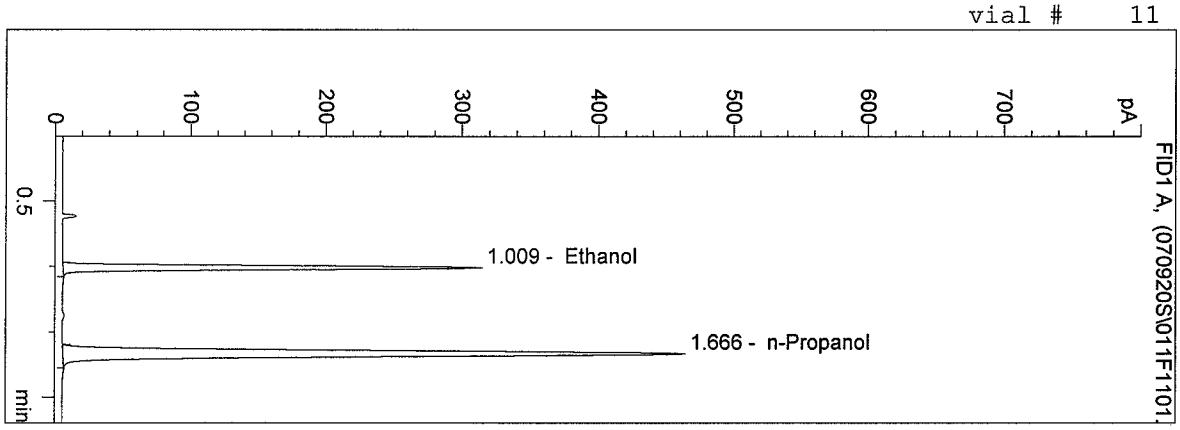
SWS
10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

D:\HPCHEM\1\METHODS\BLDALCO.M
9/20/2007 3:54:53 PM
Instrument 4
DB-ALC1

07038-4
SARAH SWENSON

vial # 11



#	Compound	Area	RT
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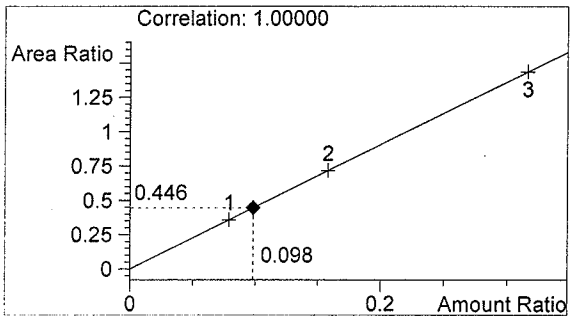
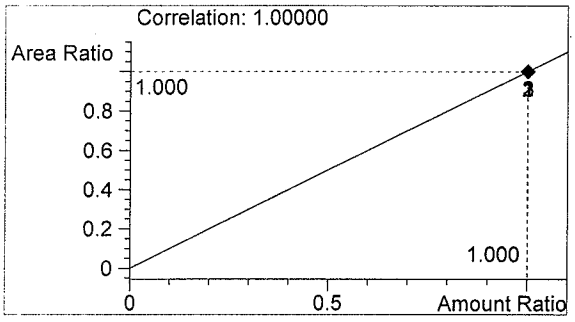
2	n-Propanol	1449	1.666
Totals:			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

SLS
10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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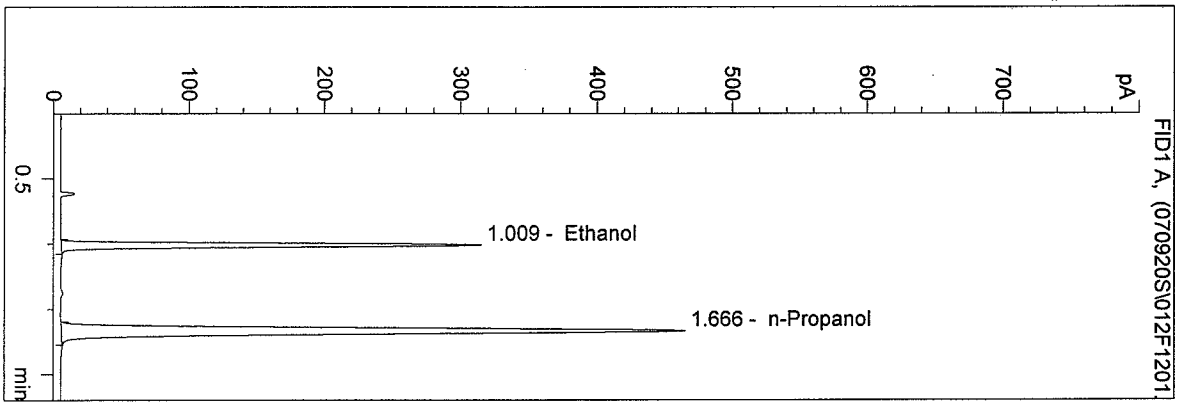
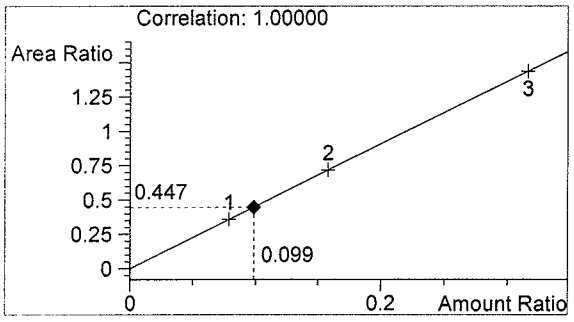
9/20/2007 3:58:10 PM
Instrument 4
DB-ALC1

07038-5
SARAH SWENSON

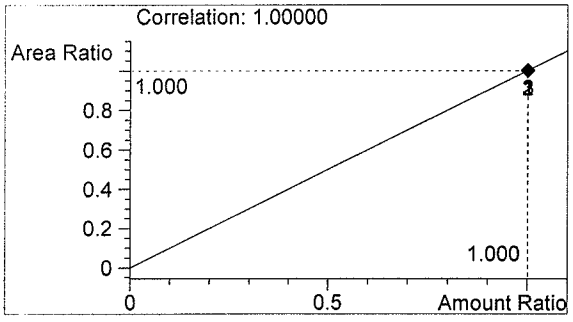
vial # 12



#	Compound	Area	RT
1	Ethanol	649	1.009
2	n-Propanol	1452	1.666
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

SMS
10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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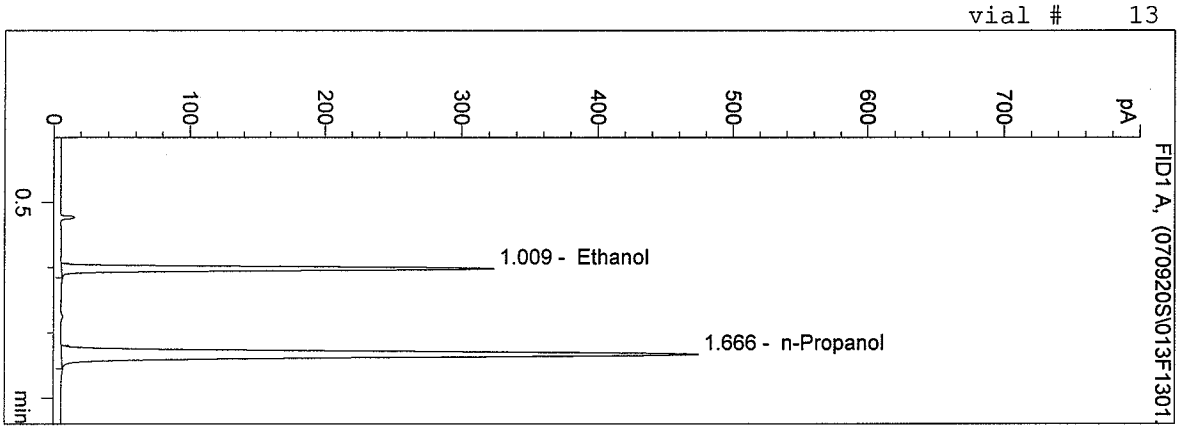
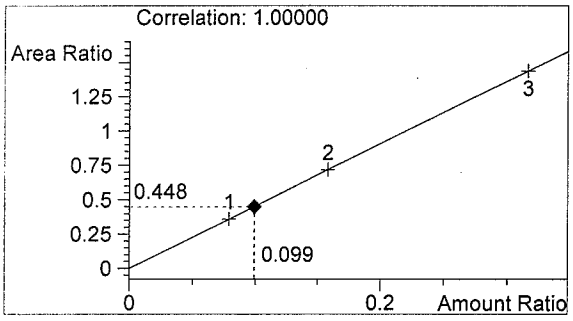
9/20/2007 4:01:29 PM
Instrument 4
DB-ALC1

0.10 CTL-SS
SARAH SWENSON

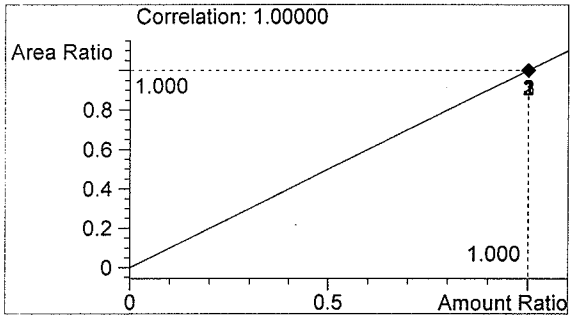
vial # 13



#	Compound	Area	RT
1	Ethanol	665	1.009
2	n-Propanol	1483	1.666
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

SLS
10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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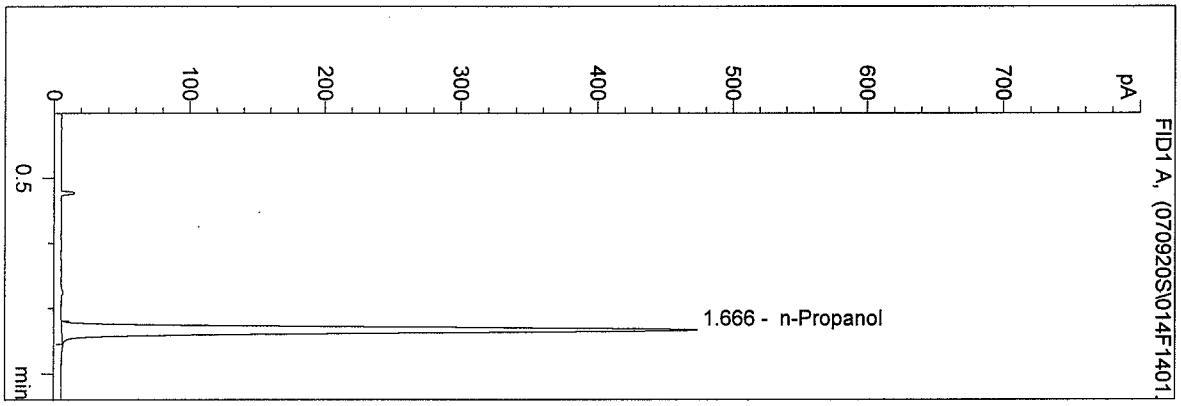
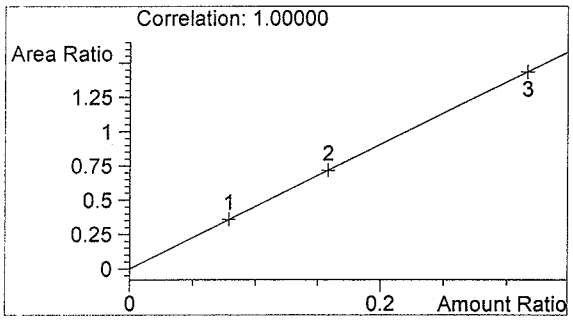
9/20/2007 4:04:46 PM
Instrument 4
DB-ALC1

BLANK
SARAH SWENSON

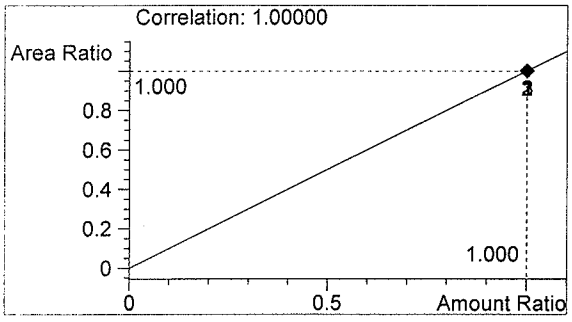
vial # 14



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1479	1.666
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

SMS
10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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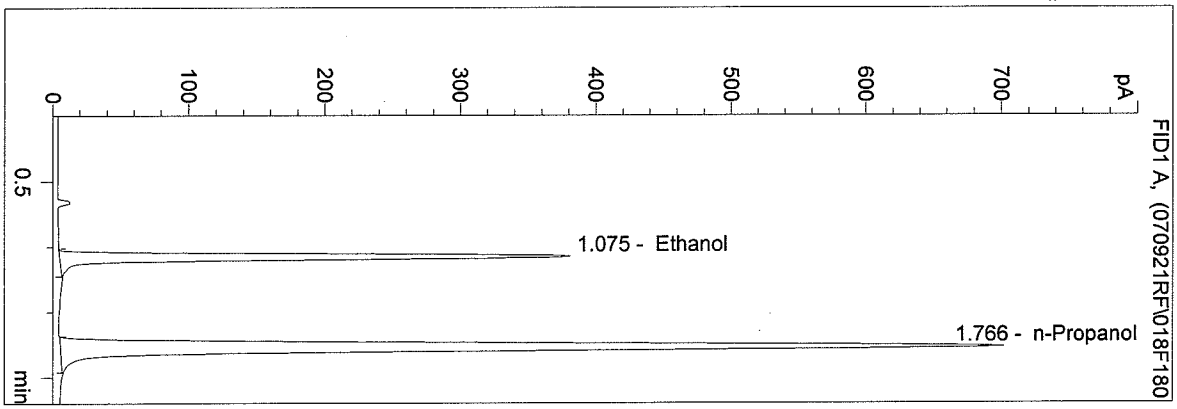
9/21/2007 10:49:03 AM
Instrument 1
DB ALC 1

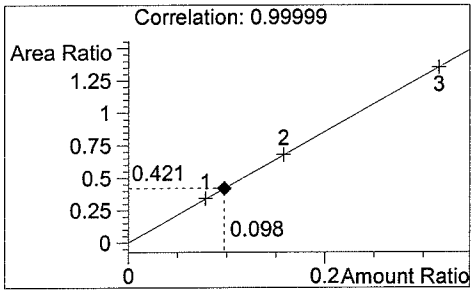
QA07038-1
R Flaherty

vial # 18

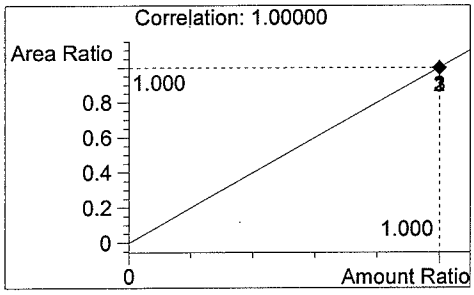


RF
10/1/07 RF

#	Compound	Area	RT
1	Ethanol	1161	1.075
2	n-Propanol	2755	1.766
Tot			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

0.10 Control Lot# A050528
EXP 07/2011

Calibration filed with
QA 07037
RF 10/1/07

WASHINGTON STATE TOXICOLOGY LABORATORY

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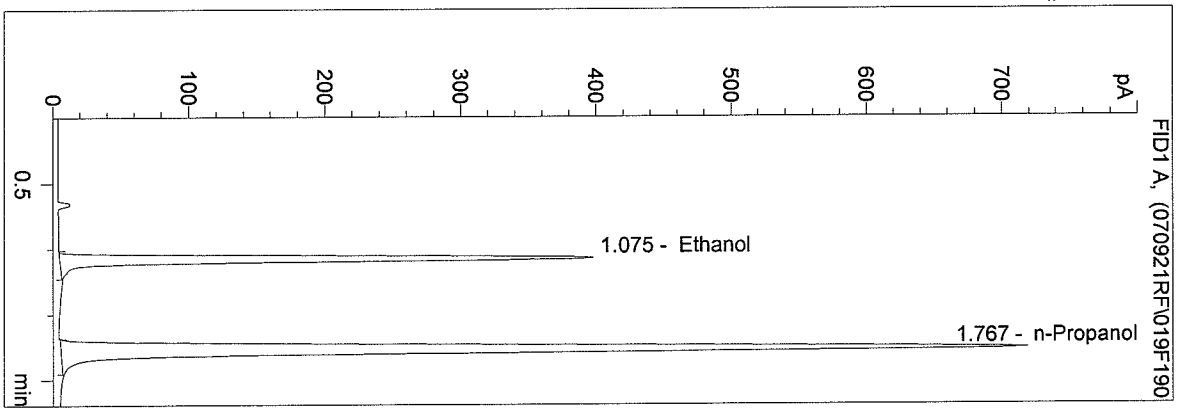
9/21/2007 10:52:07 AM
Instrument 1
DB ALC 1

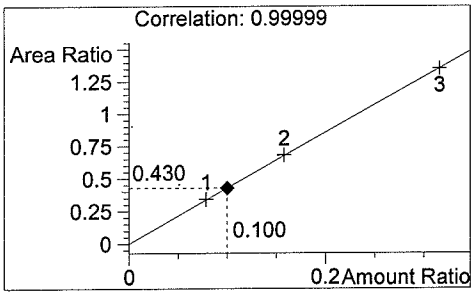
QA07038-2
R Flaherty

vial # 19

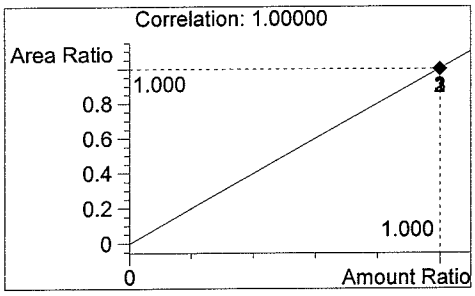


RF
10/1/07 RF

#	Compound	Area	RT
1	Ethanol	1212	1.075
2	n-Propanol	2819	1.767
Tot			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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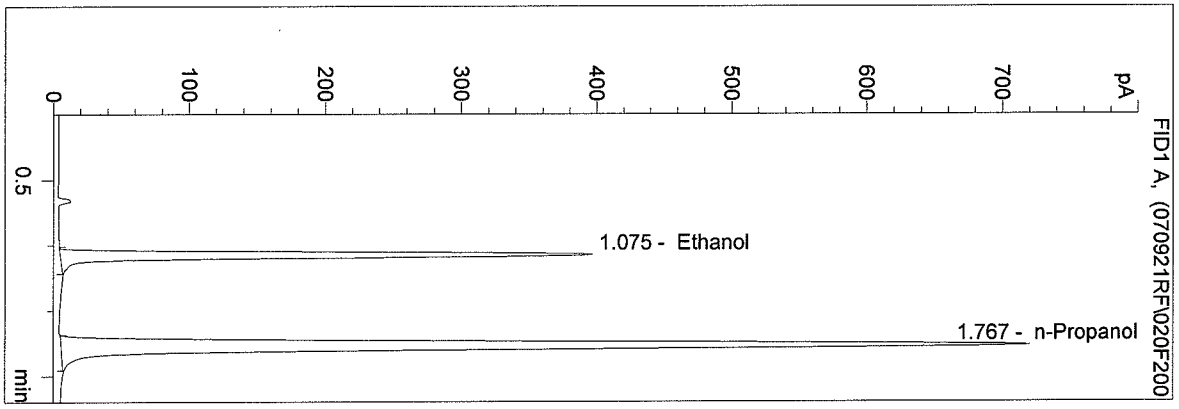
9/21/2007 10:55:12 AM
Instrument 1
DB ALC 1

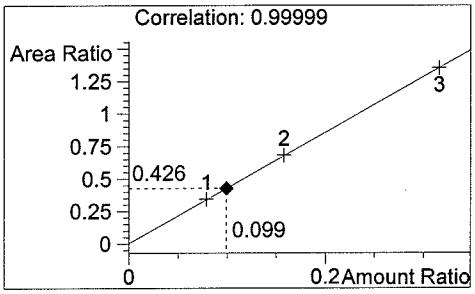
QA07038-3
R Flaherty

vial # 20

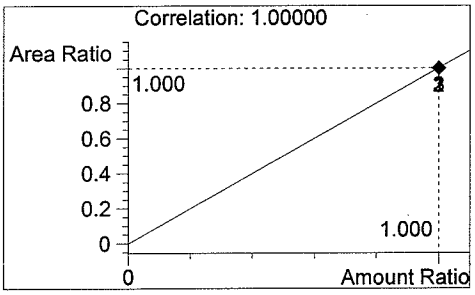


RF
10/1/07 RF

#	Compound	Area	RT
1	Ethanol	1203	1.075
2	n-Propanol	2822	1.767
Tot			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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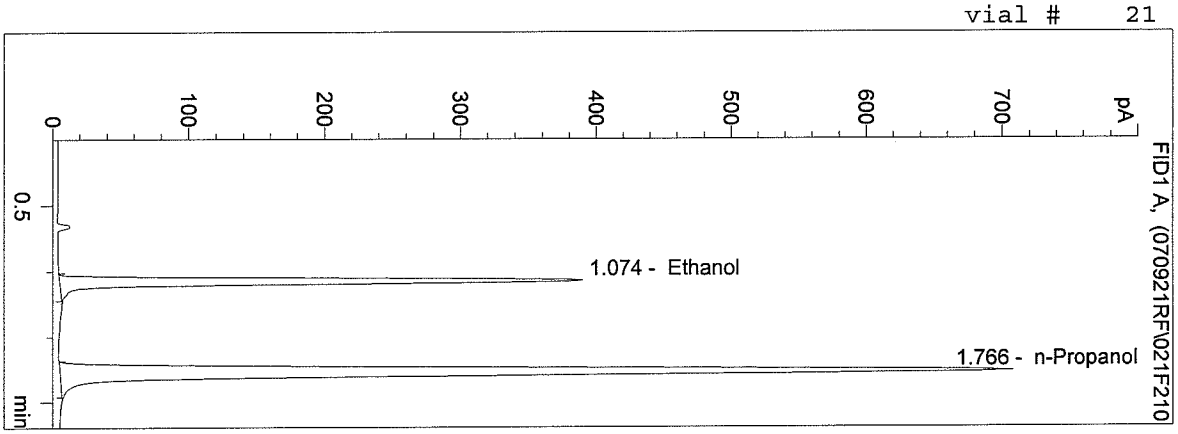
9/21/2007 10:58:17 AM
Instrument 1
DB ALC 1

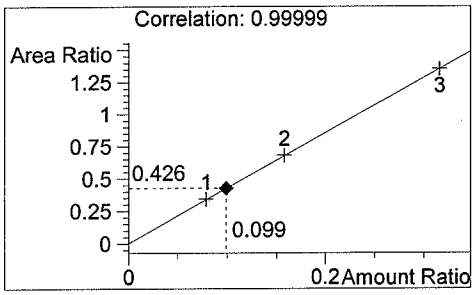
QA07038-4
R Flaherty

vial # 21

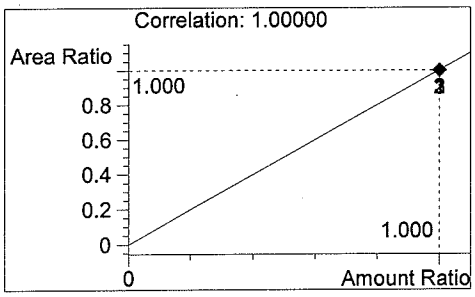


RF
10/1/07 RF

#	Compound	Area	RT
1	Ethanol	1184	1.074
2	n-Propanol	2779	1.766
Tot			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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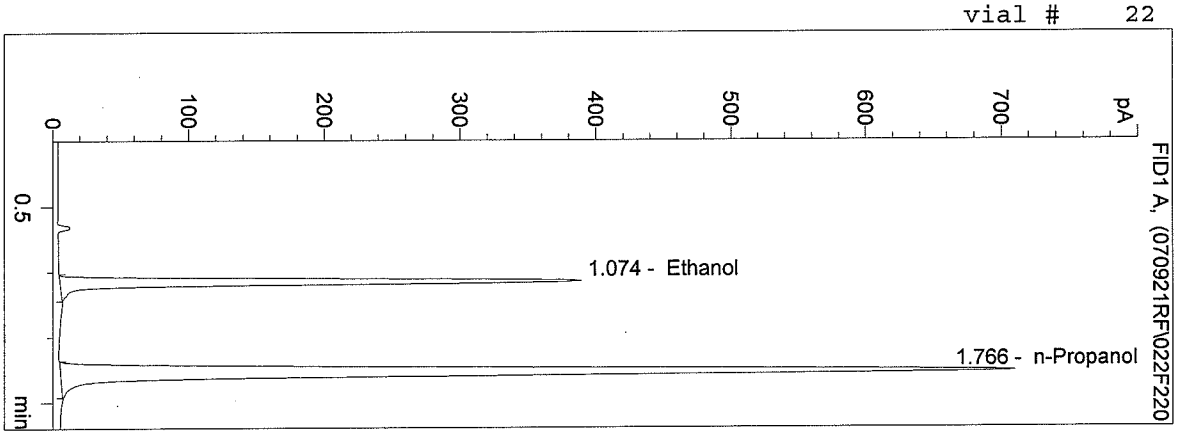
Instrument 1
DB ALC 1

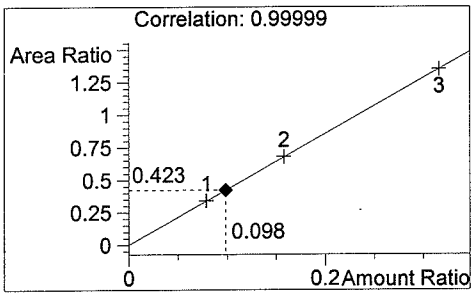
QA07038-5
R Flaherty

vial # 22

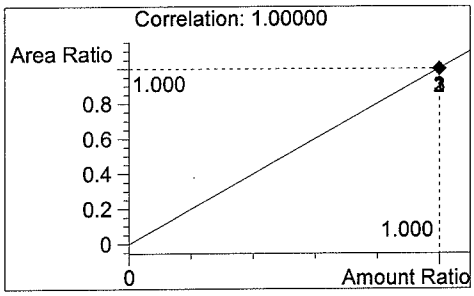


RF
10/1/07 RF

#	Compound	Area	RT
1	Ethanol	1182	1.074
2	n-Propanol	2790	1.766
Tot			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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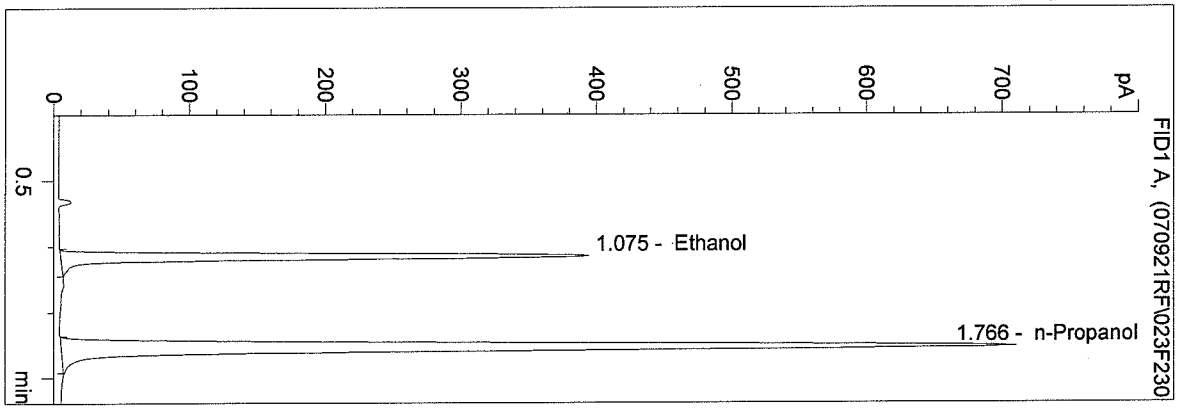
9/21/2007 11:04:27 AM
Instrument 1
DB ALC 1

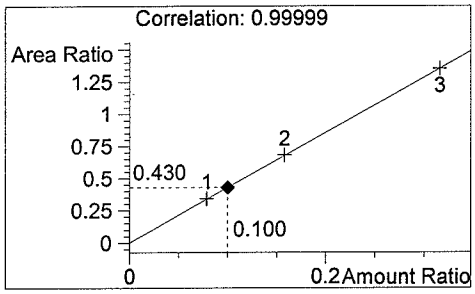
0.100 Control RF
R Flaherty

vial # 23

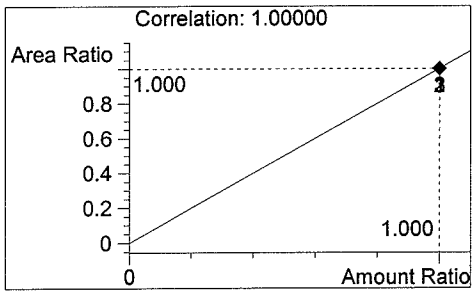


RF
10/1/07 RF

#	Compound	Area	RT
1	Ethanol	1198	1.075
2	n-Propanol	2785	1.766
Tot			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 1
DB ALC 1

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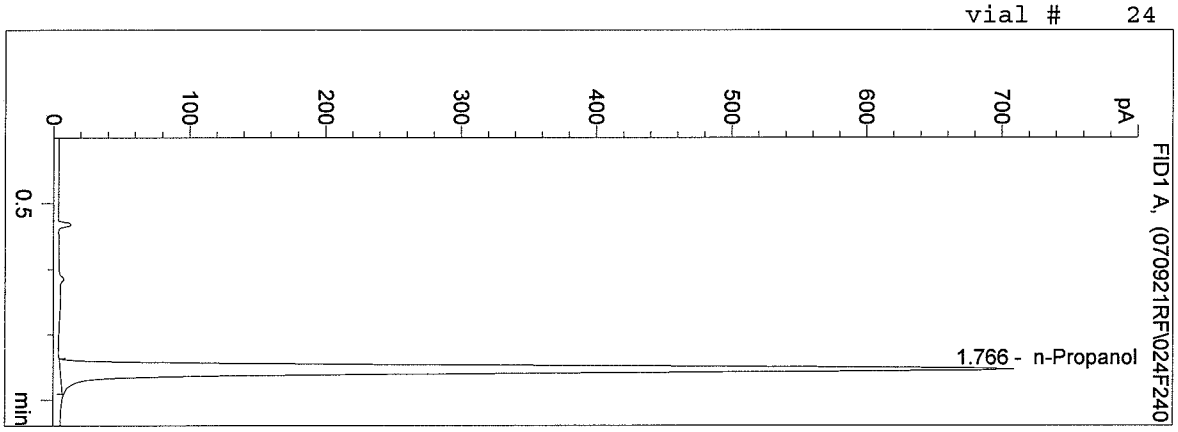
R Flaherty

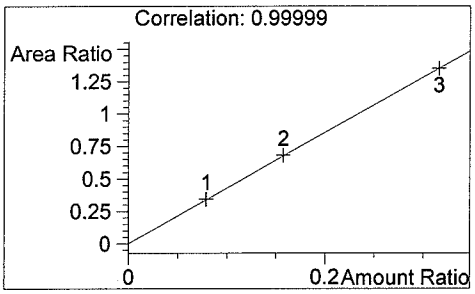
vial # 24



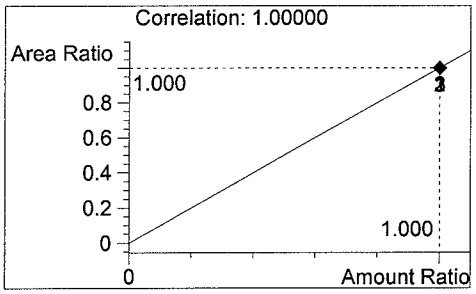
RF

10/1/07 RF

#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2789	1.766
Tot			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml