WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 12037

CUSTOMER INFORMATION
Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 08/24/2012
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Christopher S. Johnston

	CSJ	JLK	NN	CM	BB	LN	BEO	AJL
1	0.104	0.106	0.105	0.104	0.105	0.103	0.105	0.104
2	0.104	0.105	0.104	0.104	0.105	0.103	0.103	0.104
3	0.104	0.105	0.105	0.105	0.105	0.103	0.104	0.104
4	0.104	0.105	0.105	0.104	0.105	0.104	0.103	0.104
5	0.105	0.105	0.105	0.104	0.105	0.103	0.103	0.104
C	0.102	0.103	0.102	0.102	0.103	0.101	0.101	0.103

ETHANOL CONTROL INFORMATION
LOT NUMBER: A083355 EXPIRATION: 12/2015 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1043 g/100mL
STANDARD DEVIATION: 0.00078
PRECISION CV (%): 0.75
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0848 g/210L**
EXPANDED UNCERTAINTY: ± 0.0026 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5
Melissa L. Pemberton Forensic Scientist Supervisor

9-26-2012
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CSJ	Christopher S. Johnston		08/24/2012
JLK	Justin L. Knoy		08/28/2012
NN	Naziha Nuwayhid		09/06/2012
CM	Christie Mitchell-Mata		09/12/2012
BB	Brittany Ball		09/14/2012
LN	Lisa Noble		09/14/2012
BEO	Brianne O'Reilly		09/17/2012
AJL	Asa J. Louis		09/17/2012

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division.

Washington State Patrol - Toxicology Laboratory Division
ESS Test Report Calculation Record

External Standard Solution Batch #: **12037** **Date Prepared:** **8/24/2012**

Analyst:	CSJ	JLK	NN	CM	BB	LN	BEO	AJL
Date Tested:	8/24/2012	8/28/2012	9/6/2012	9/12/2012	9/14/2012	9/14/2012	9/17/2012	9/17/2012
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.104	0.106	0.105	0.104	0.105	0.103	0.105	0.104
2	0.104	0.105	0.104	0.104	0.105	0.103	0.103	0.104
3	0.104	0.105	0.105	0.105	0.105	0.103	0.104	0.104
4	0.104	0.105	0.105	0.104	0.105	0.104	0.103	0.104
5	0.105	0.105	0.105	0.104	0.105	0.103	0.103	0.104
C	0.102	0.103	0.102	0.102	0.103	0.101	0.101	0.103

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000565371	0.0000667748	0.0001016326

Ethanol Control Lot #: A083355
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1043 g/100mL
Standard Deviation: 0.00078 g/100mL
Precision CV (%): 0.75
Equivalent Vapor Concentration: 0.0848 g/210L
Combined Standard Uncertainty (±): 0.0013 g/210L
Expanded Uncertainty (±): 0.0026 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 9.19.12
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 9-25-2012 Method: Hand calculation
Name Signature Date

Technical review of batch file performed by:
[signature] [signature] 9.25.12
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 9-25-2012

Location: WSP-FLSB Seattle, WA Solution Batch Number: 12037

	YES	NO	N/A
Analysis dates do not precede preparation date:	✓		
Declarations signed and properly dated:	✓		
Data entry corresponds to all chromatograms:	✓		
All signatures present on Test Report:	✓		
Average solution concentration correct:	✓		
Standard deviation correct:	✓		
CV (%) correct:	✓		
Equivalent vapor concentration correct:	✓		
All chromatograms and sequences included in file:	✓		
Ethanol control information present: (lot # present & used within expiration)	✓		
Complies with accuracy and precision requirements established by the State Toxicologist:	✓		

Comments:

Reviewer Signature: [signature] Date: 9-25-2012

Reviewer Signature: N/A OB 9-25-12 Date: _____

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the Test Report
3) Signed the Test Report

	Initials	Date
Amanda Black		
Asa Louis	AL	2012 Sep 21
Brian Capron		
Brianna Peterson		
Brianne O'Reilly	BOO	9.21.12
Brittany Ball	BB	9/25/12
Christie Mitchell-Mata	CM	9/19/12
Christopher Johnston	CJ	9/19/12
Dawn Sklerov		
Justin Knoy	JK	9.20.12
Lisa Noble	LN	9/21/12
Melissa Pemberton		
Naziha Nuwayhid	NN	9/20/12
Rebecca Flaherty		
Sarah Swenson		

Batch # 12037

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12037

I, Christopher S. Johnston, 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 Biochemistry.

The external standard solution, Lot Number 12037, was prepared in the Washington State Toxicology Laboratory on 8/24/2012. 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 8/24/2013.

Seattle, WA

9/19/12

Christopher S. Johnston — Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12037

I, Justin L. Knoy, 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 Biology, and MS degree in Forensic Science.

The external standard solution, Lot Number 12037, was prepared in the Washington State Toxicology Laboratory on 8/24/2012. 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 8/24/2013.

Seattle, WA

9-20-12

Justin L. Knoy — Date
Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12037

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

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

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

The external standard solution, Lot Number 12037, was prepared in the Washington State Toxicology Laboratory on 8/24/2012. 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 8/24/2013.

Seattle, WA

9/20/12

Naziha Nuwayhid — Date
Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12037

I, Christie Mitchell-Mata, 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: BA degree in Chemistry, MFS degree in Forensic Science, and over four years experience in forensic toxicology.

The external standard solution, Lot Number 12037, was prepared in the Washington State Toxicology Laboratory on 8/24/2012. 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 8/24/2013.

Seattle, WA

Christie Mitchell-Mata 9/19/2012

Christie Mitchell-Mata Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12037

I, Brittany Ball, 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 Biology and a Masters in Forensic Science.

The external standard solution, Lot Number 12037, was prepared in the Washington State Toxicology Laboratory on 8/24/2012. 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 8/24/2013.

Seattle, WA

Brittany L. Ball 9/25/12

Brittany Ball Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12037

I, Lisa Noble, 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 Biochemistry and six years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 12037, was prepared in the Washington State Toxicology Laboratory on 8/24/2012. 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 8/24/2013.

Seattle, WA

Lisa Noble 9/21/12

Lisa Noble Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12037

I, Brianne E. O'Reilly, 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 Biology and MS degree in Veterinary Medical Sciences.

The external standard solution, Lot Number 12037, was prepared in the Washington State Toxicology Laboratory on 8/24/2012. 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 8/24/2013.

Seattle, WA

Brianne E O'Reilly 9.21.12

Brianne E. O'Reilly Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12037

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

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

I possess the following qualifications: B.S. degree in Biochemistry and over ten years of toxicology experience.

The external standard solution, Lot Number 12037, was prepared in the Washington State Toxicology Laboratory on 8/24/2012. 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 8/24/2013.

Seattle, WA

2012 Sep 21

Asa J. Louis — Date

Forensic Toxicologist

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEET

Preparation Date: 8/24/2012 Initials of Preparer: CJ

Expiration Date: 8/24/2013

Lot # of 200-proof Ethanol used in preparation: 2AJ0691

Date the 200-proof Ethanol bottle was opened: 7/13/12

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	12037

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 8/24/2012 Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Analyst Signature 8/24/12 Date

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	~~120712C~~ Run on 8/24/12, CJ 8/28/12
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0612-01
Ethanol Calibrator 2, E0612-02
Ethanol Calibrator 3, E0612-03
ISTD P0812
0.04 Control-Lot#A077459-exp 02/2015
0.10 Control-Lot#A083355-exp 12/2015
0.20 Control-Lot#A084657-exp 02/2016

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012
3	Vial 3	Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012
4	Vial 4	Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012
5	Vial 5	
6	Vial 6	0.04 Control - Lot #A077459 - Exp. 02/2015
7	Vial 7	0.10 Control - Lot #A083355 - Exp. 12/2015
8	Vial 8	0.20 Control - Lot #A084657 - Exp. 02/2016
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

12037

CJ

DATA IN 120712C
CJ 8/28/12

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.S

Line	Location	Sample Information
15	Vial 15	0.10 Control - Lot #A083355 - Exp. 12/2015
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 12037 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 12037 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 12037 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 12037 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 12037 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		

Sequence Table (Back Injector):

No entries - empty table!

12037

CJ

DATA IN 120712C

CJ 8/28/12

Method C:\HPCHEM\1\METHODS\SIMALC1.M

==========

Calibration Table

==========

Calib. Data Modified : Friday, August 24, 2012 4:22:01 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1		1	7.97000e-2	879.35541	9.06346e-5		1	Ethanol
			2	1.59870e-1	1758.08972	9.09339e-5			
			3	3.21590e-1	3487.90479	9.22015e-5			
1.705	1		1	1.20000e-2	2435.47998	4.92716e-6		I1	n-Propanol
			2	1.20000e-2	2443.89795	4.91019e-6			
			3	1.20000e-2	2458.10059	4.88182e-6			

==========

Peak Sum Table

==========

No Entries in table

==========

12037

CJ

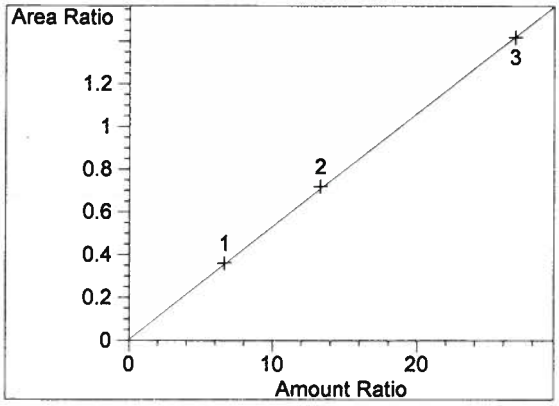
DATA IN 120712 C

CJ 8/28/12

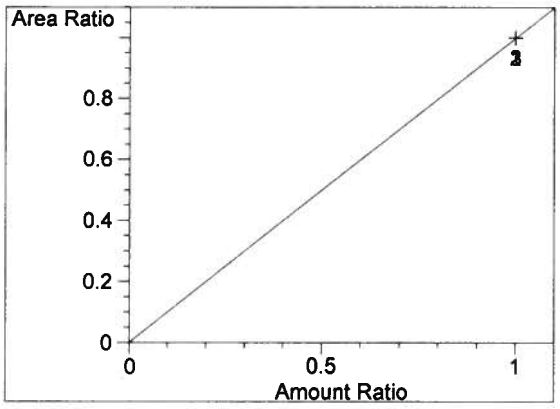
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00854
Formula: y = mx + b
m: 5.28846e-2
b: 6.58088e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

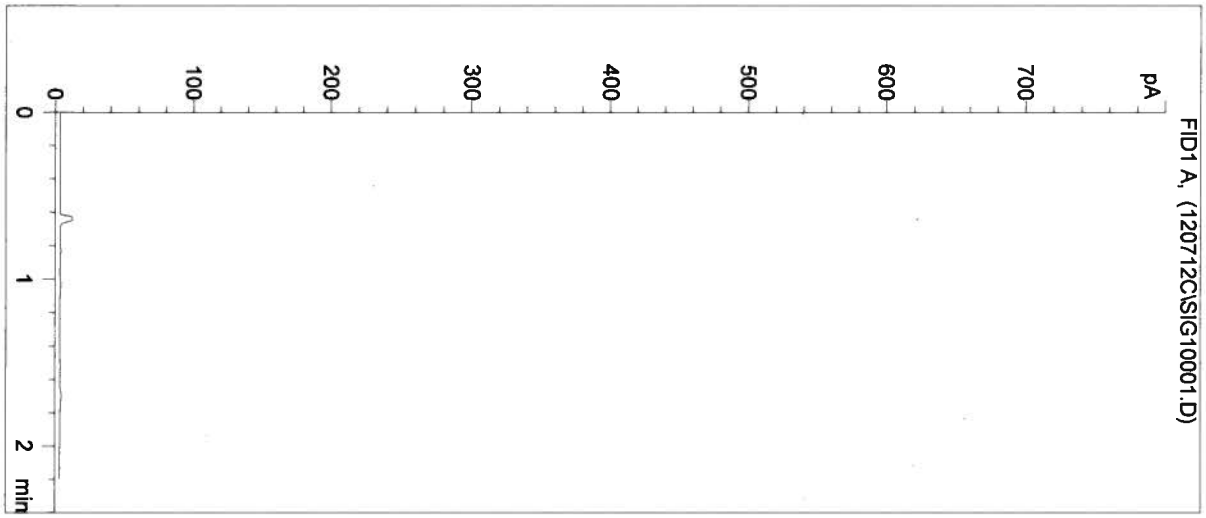
12037

Data in 120712C CW 8/28/12

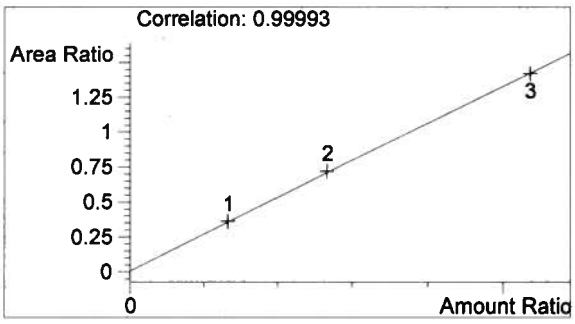
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:10:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

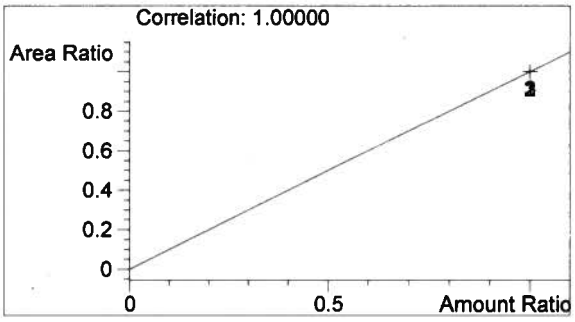
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

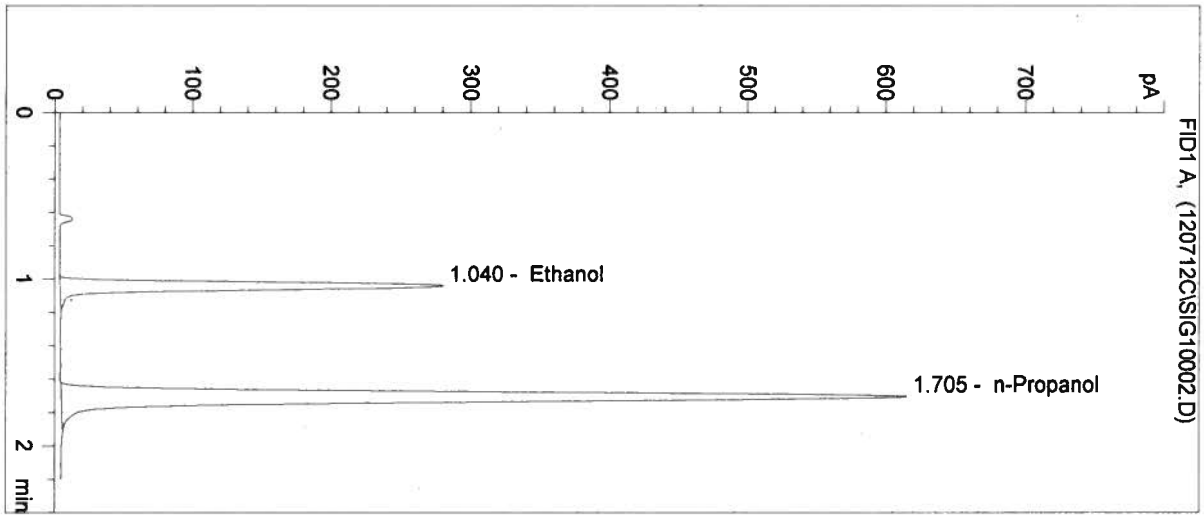


n-Propanol 0.000 g/100mL

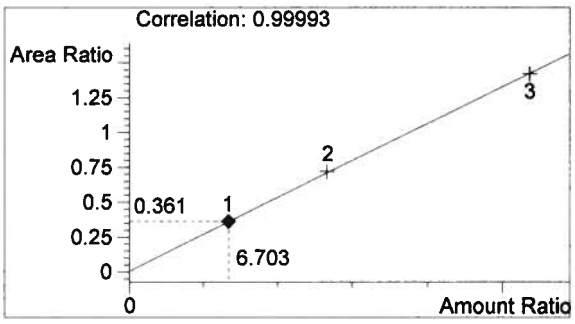
12037

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

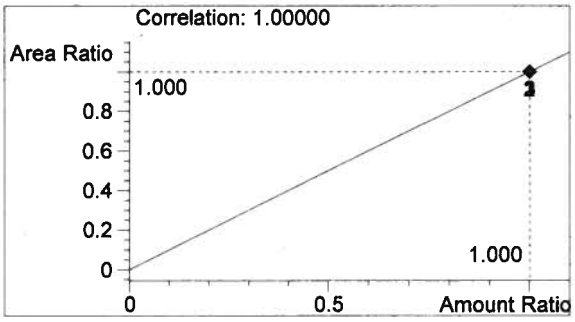
Inj. Date: 8/24/2012 4:13:39 PM
Sample Name: 0.079 CAL 1
Instrument: HSGC#1
Operator: Chris Johnston
Column: DB-ALC1
Location: Vial 2
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012



#	Compound	Peak Area	RT (min)
1	Ethanol	879	1.040
2	n-Propanol	2435	1.705



Ethanol 0.080 g/100mL



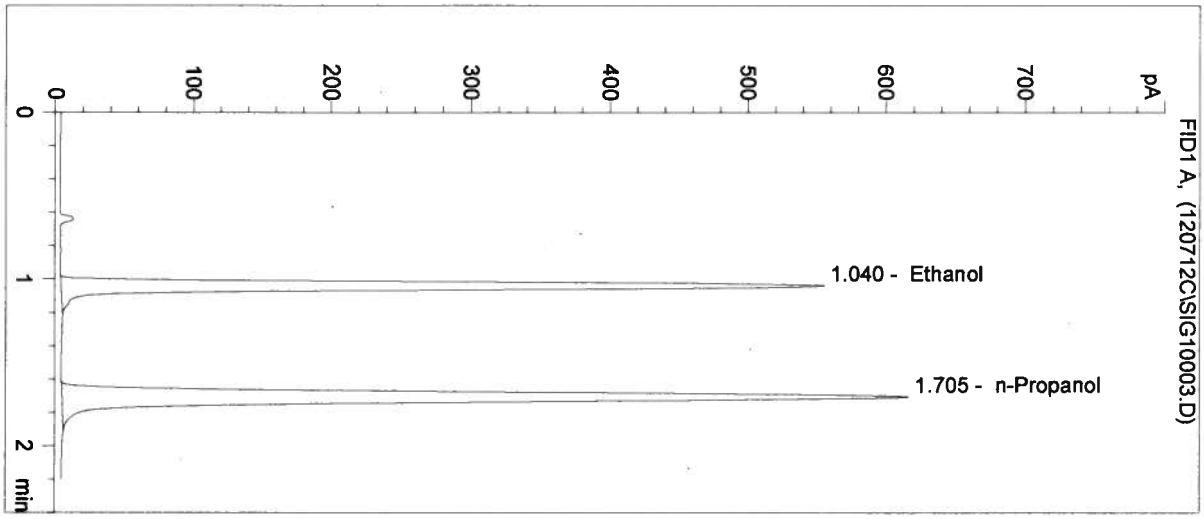
n-Propanol 0.012 g/100mL

12037

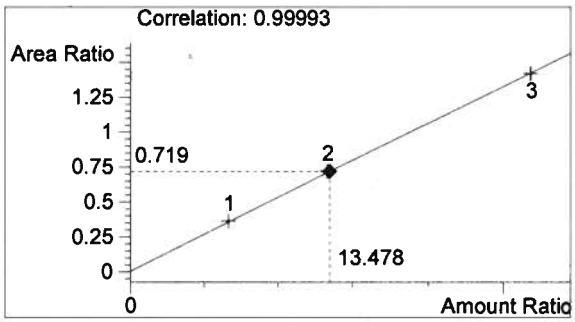
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:16:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012

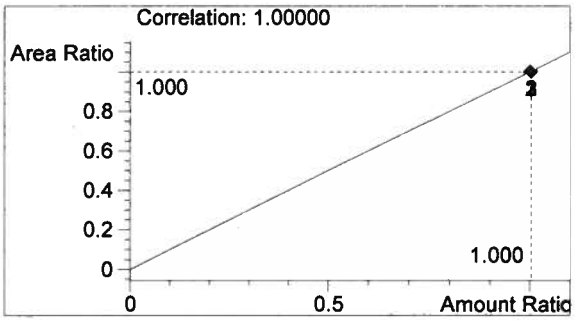
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1758	1.040
2	n-Propanol	2444	1.705



Ethanol 0.162 g/100mL

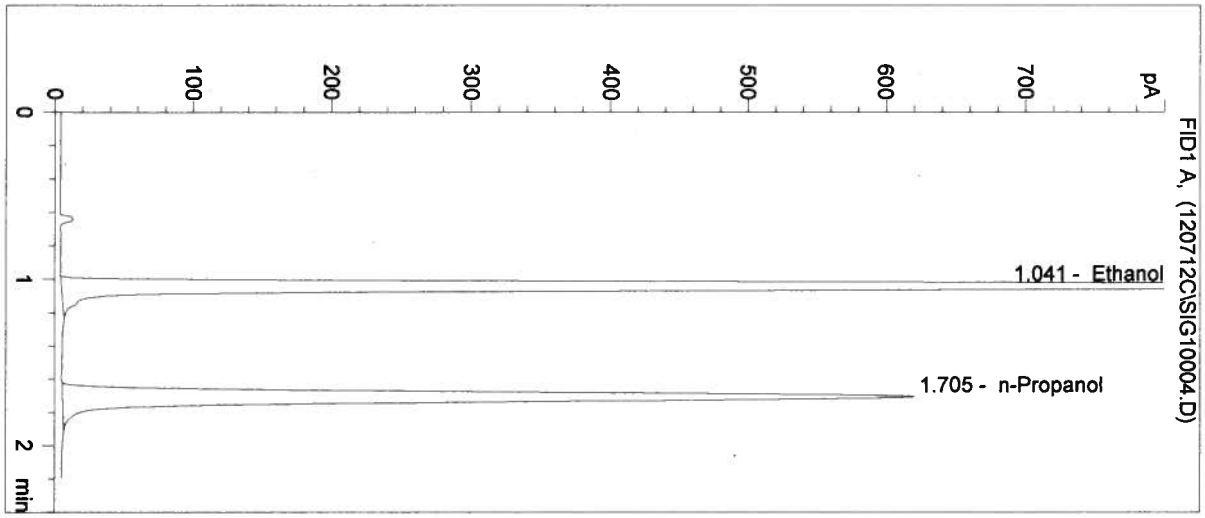


n-Propanol 0.012 g/100mL

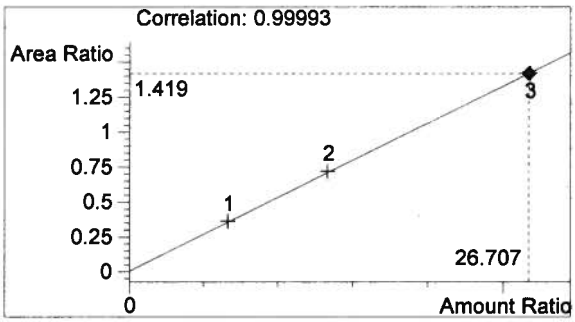
12037

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

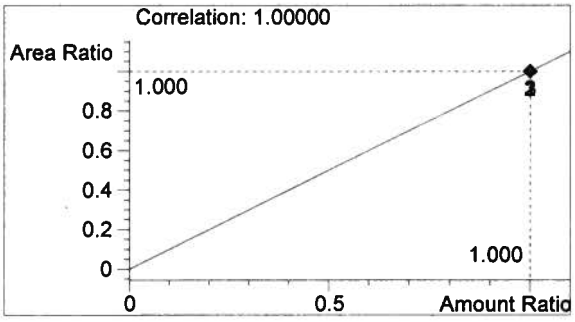
Inj. Date: 8/24/2012 4:19:48 PM
Sample Name: 0.316 CAL 3
Instrument: HSGC#1
Operator: Chris Johnston
Column: DB-ALC1
Location: Vial 4
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012



#	Compound	Peak Area	RT (min)
1	Ethanol	3488	1.041
2	n-Propanol	2458	1.705



Ethanol 0.320 g/100mL



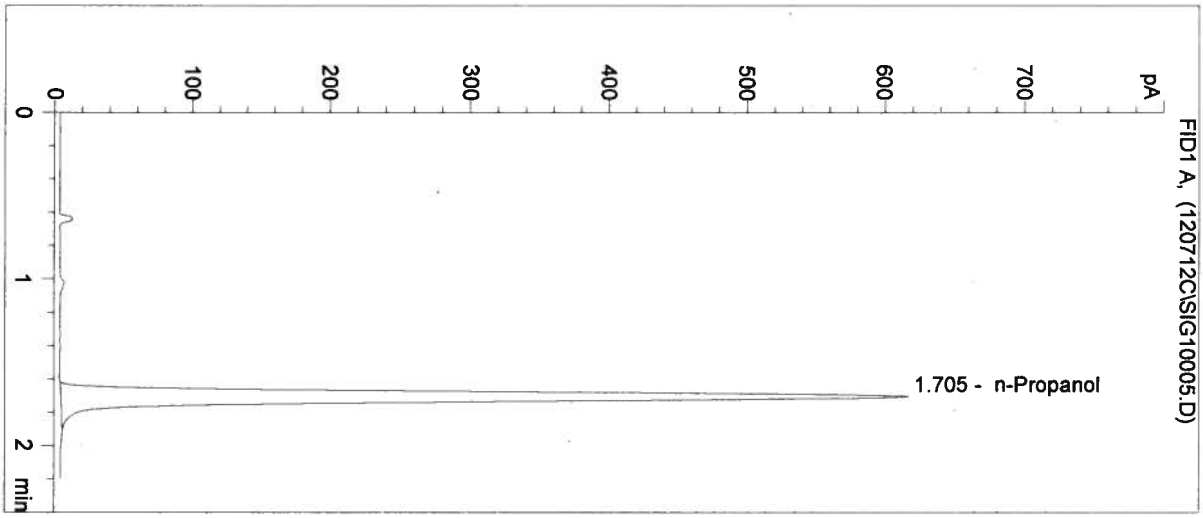
n-Propanol 0.012 g/100mL

12037

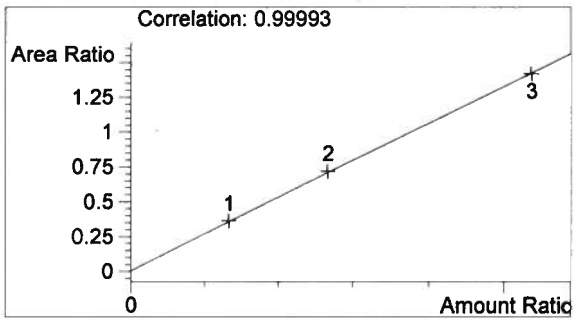
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:22:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

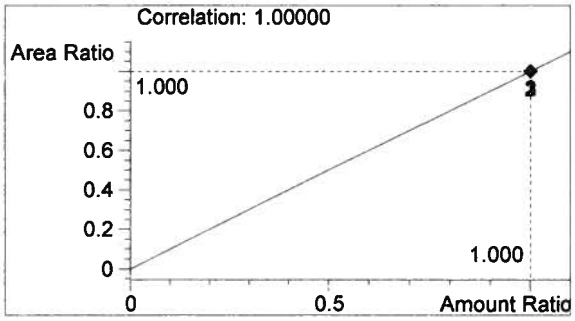
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2438	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

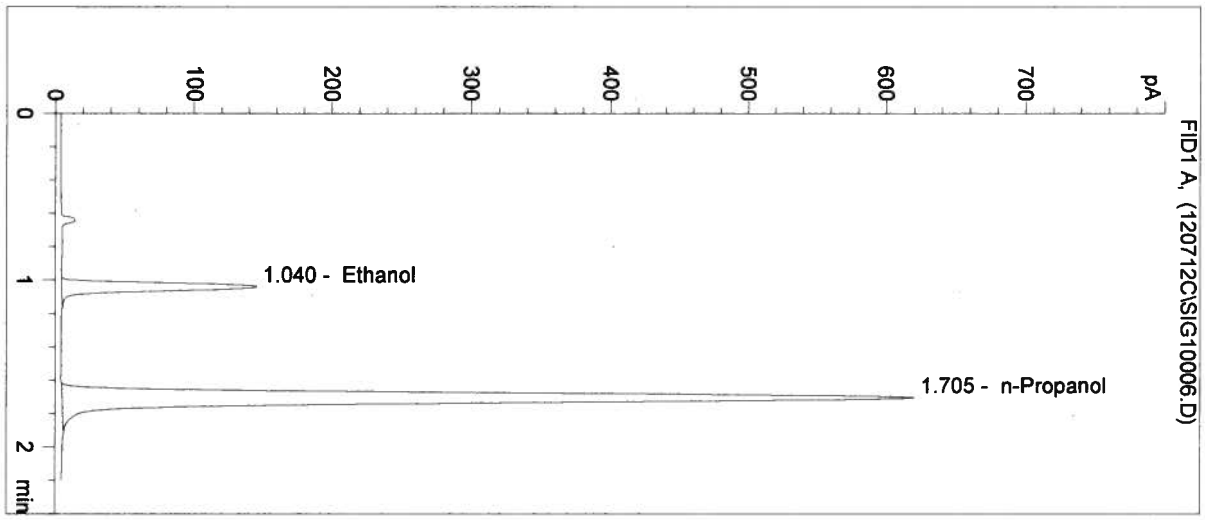
12037

W

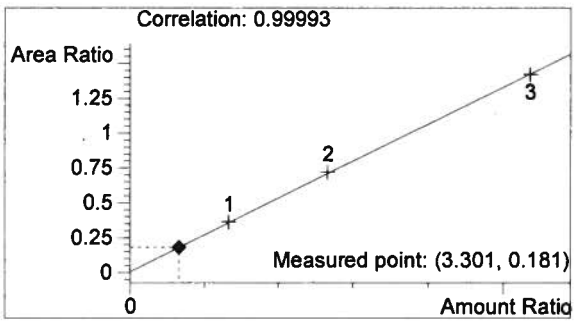
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:25:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04 Control - Lot #A077459 - Exp. 02/2015

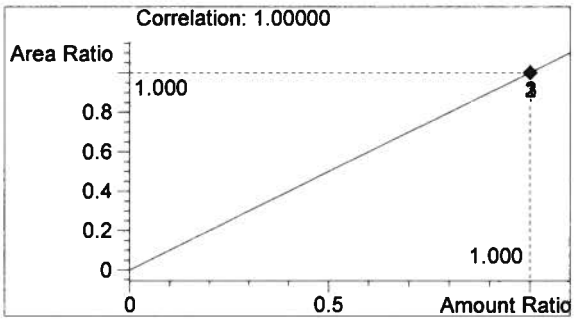
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	445	1.040
2	n-Propanol	2458	1.705



Ethanol 0.040 g/100mL

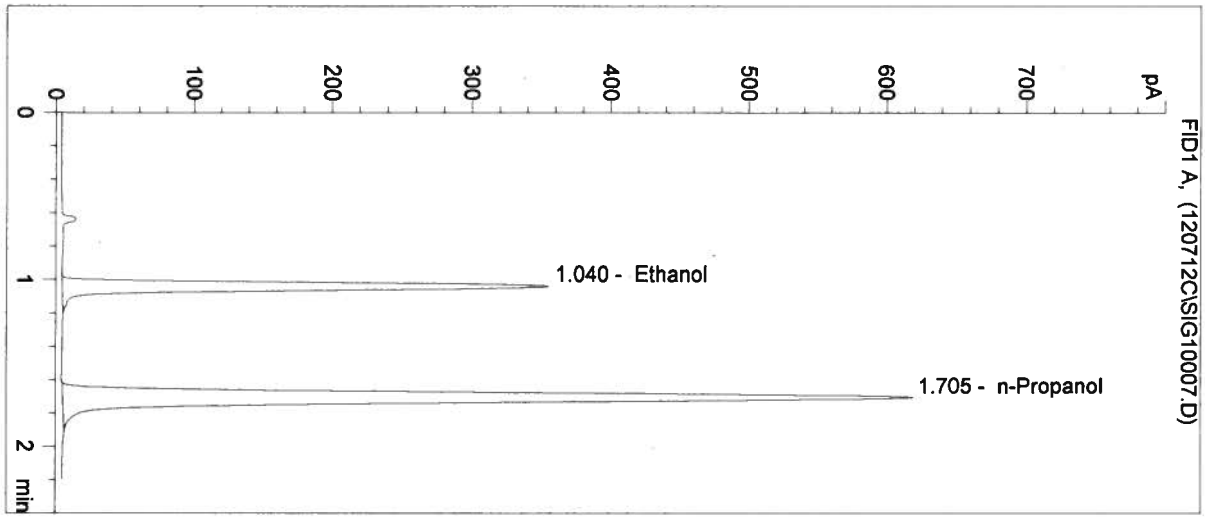


n-Propanol 0.012 g/100mL

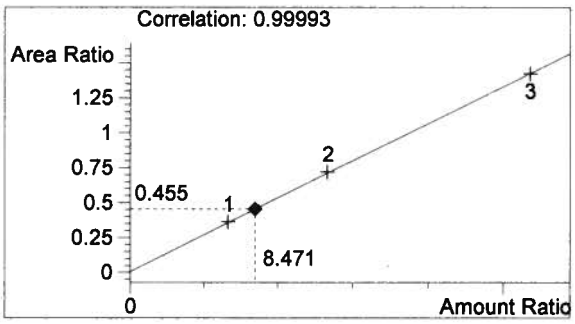
12037

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

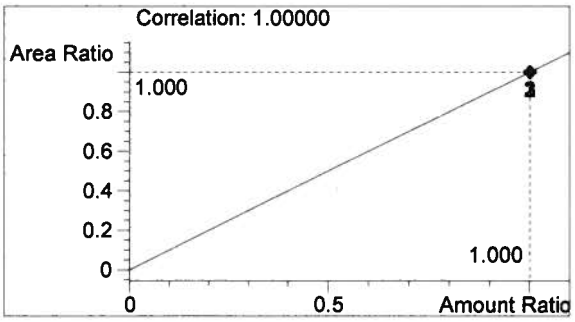
Inj. Date: 8/24/2012 4:29:02 PM
Sample Name: 0.10 CTRL-CJ
Instrument: HSGC#1
Operator: Chris Johnston
Column: DB-ALC1
Location: Vial 7
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10 Control - Lot #A083355 - Exp. 12/2015



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.040
2	n-Propanol	2450	1.705



Ethanol 0.102 g/100mL



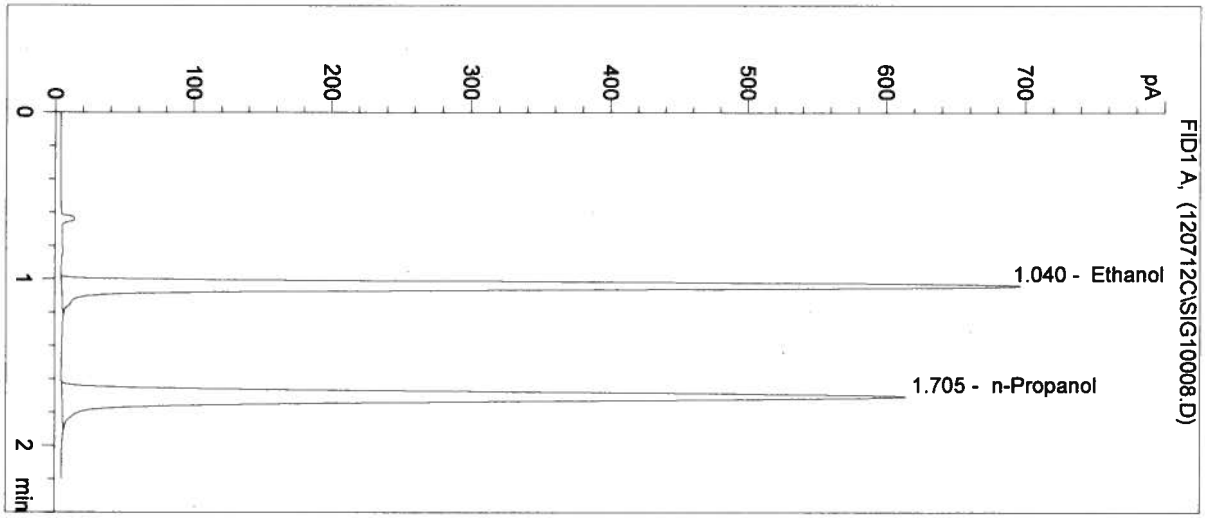
n-Propanol 0.012 g/100mL

12037

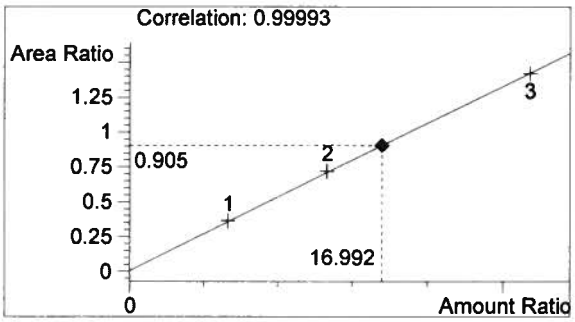
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:32:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20 Control - Lot #A084657 - Exp. 02/2016

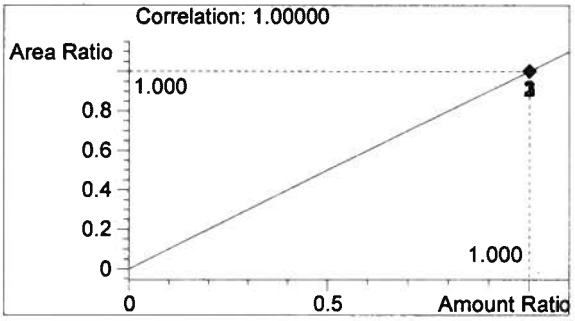
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2192	1.040
2	n-Propanol	2421	1.705



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

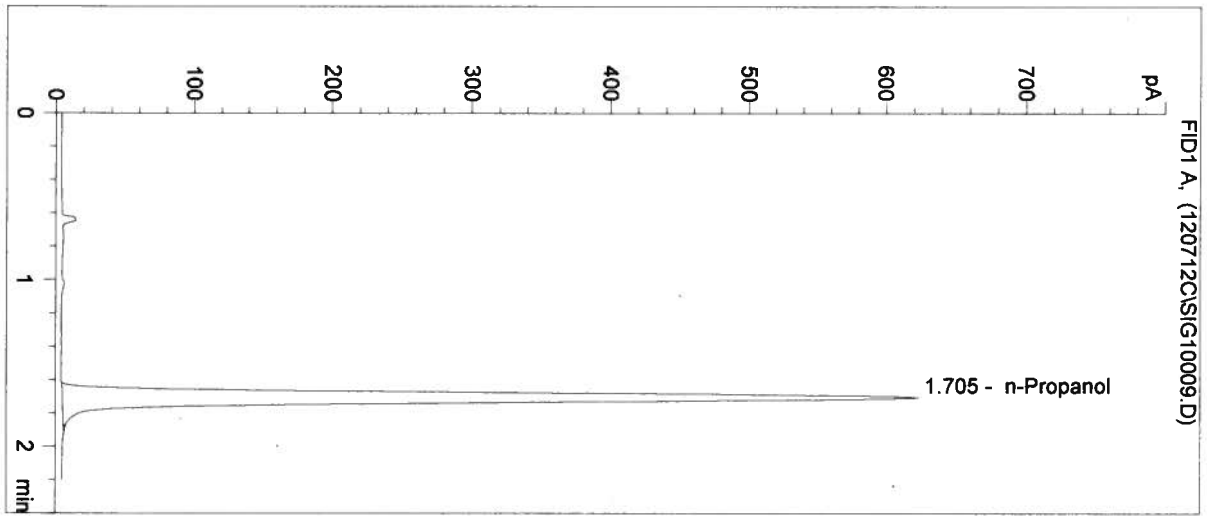
12037

Data File: C:\HPCHEM\1\DATA\120712C\SIG10008.D

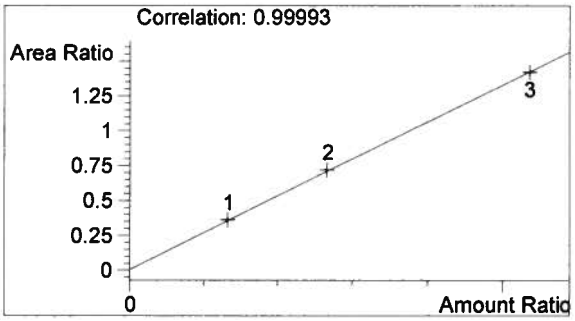
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:35:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

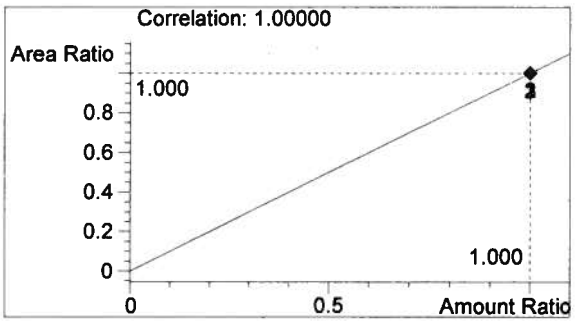
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2471	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

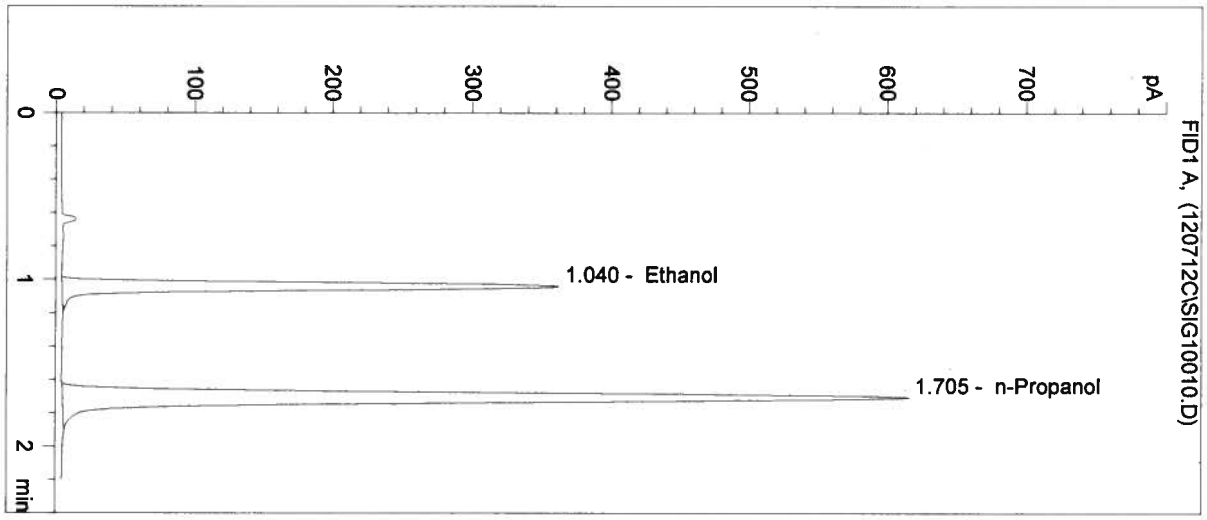
12037

CJ

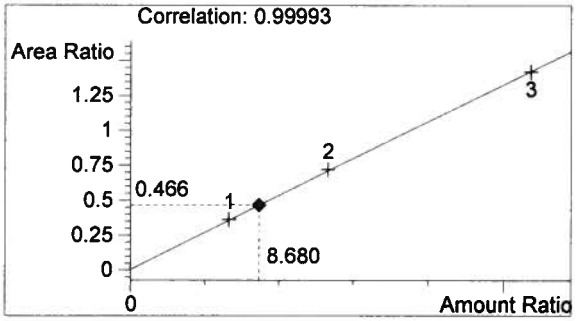
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:38:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

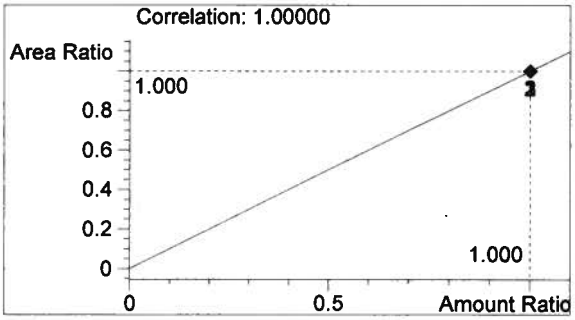
Sample Name: ESS 12037 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.040
2	n-Propanol	2428	1.705



Ethanol 0.104 g/100mL

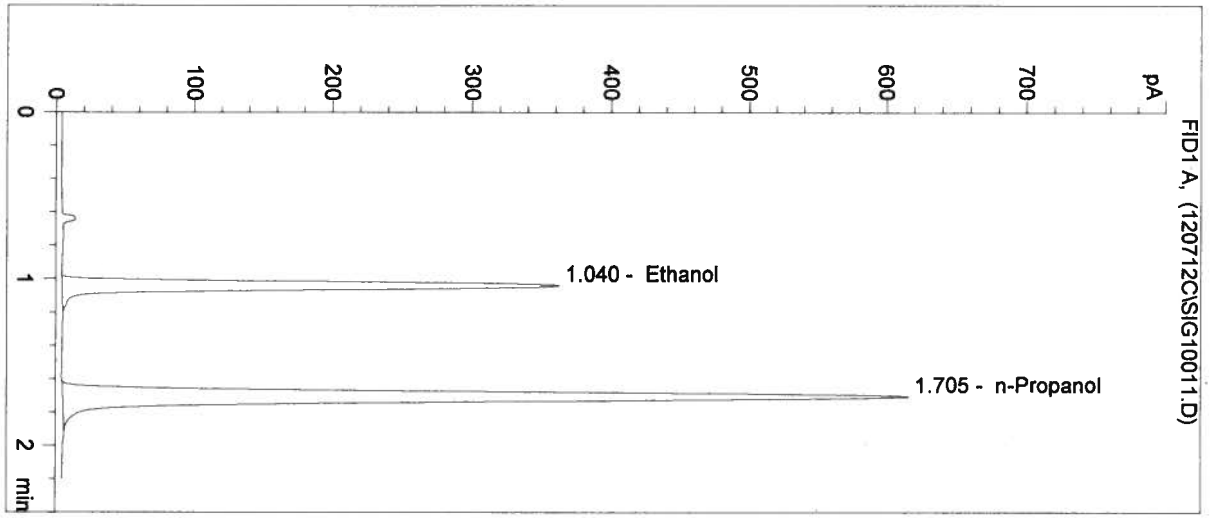


n-Propanol 0.012 g/100mL

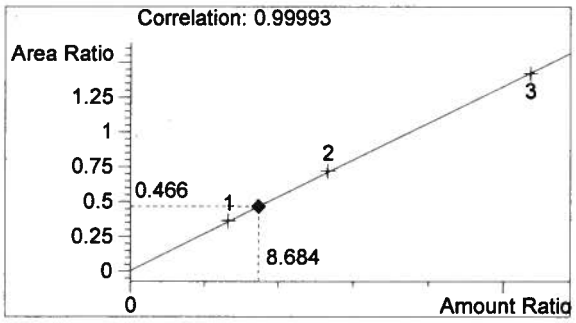
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:41:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

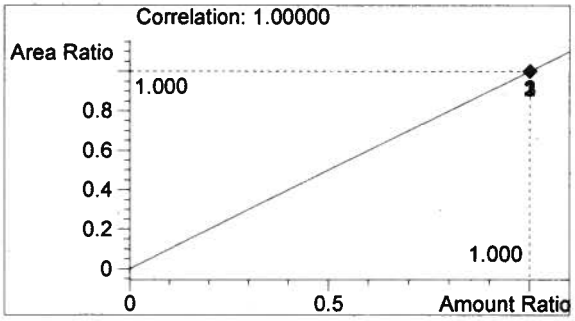
Sample Name: ESS 12037 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.040
2	n-Propanol	2435	1.705



Ethanol 0.104 g/100mL

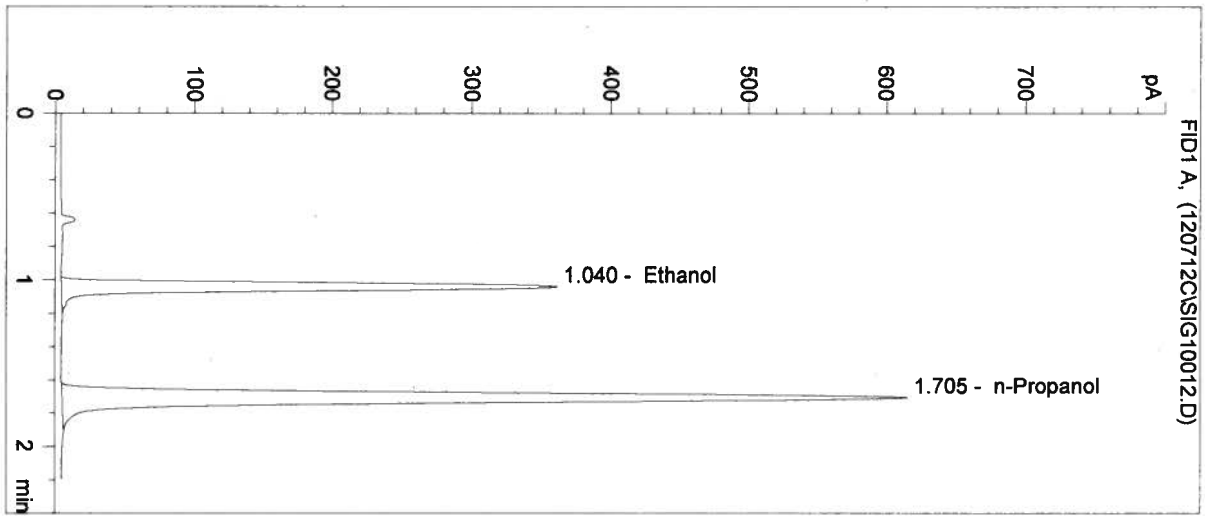


n-Propanol 0.012 g/100mL

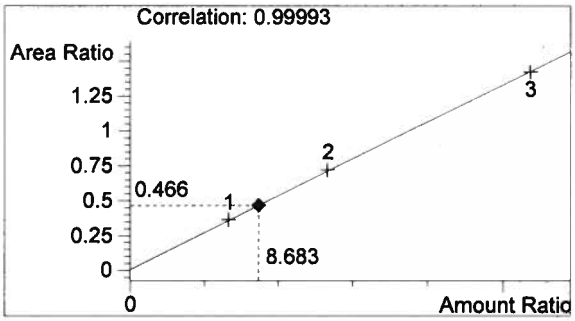
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:44:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

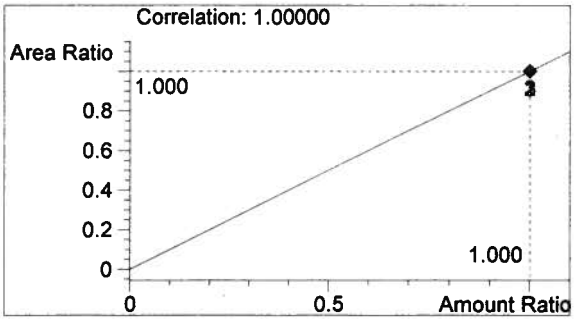
Sample Name: ESS 12037 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1132	1.040
2	n-Propanol	2430	1.705



Ethanol 0.104 g/100mL

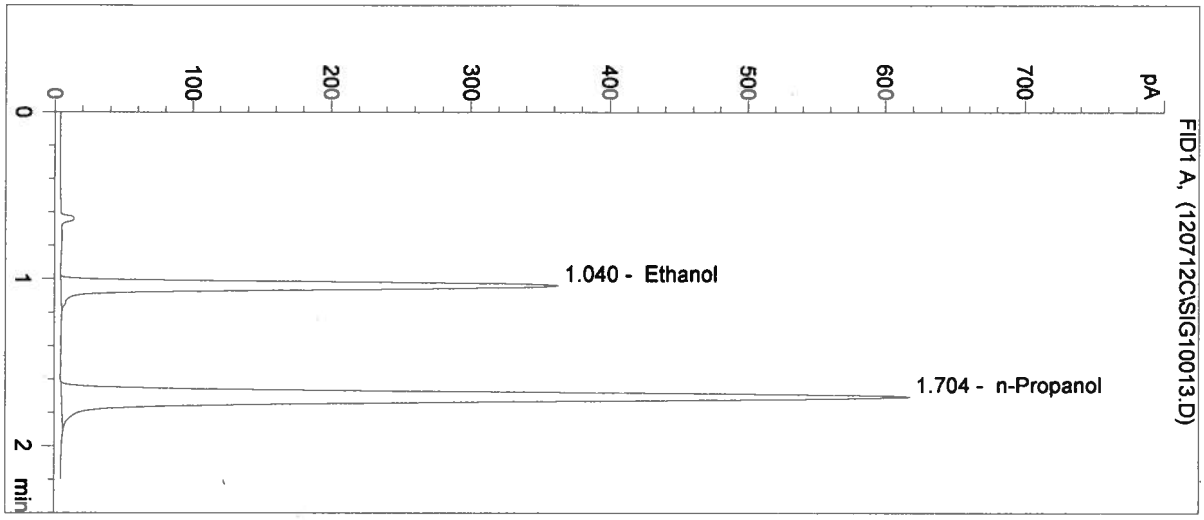


n-Propanol 0.012 g/100mL

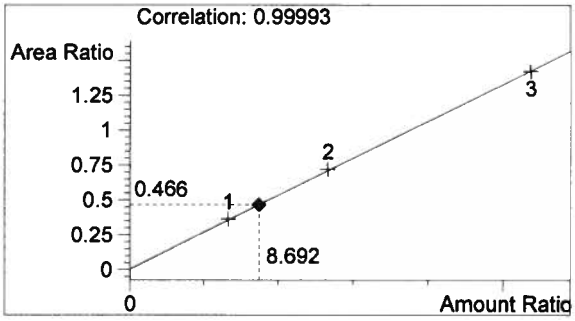
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:47:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

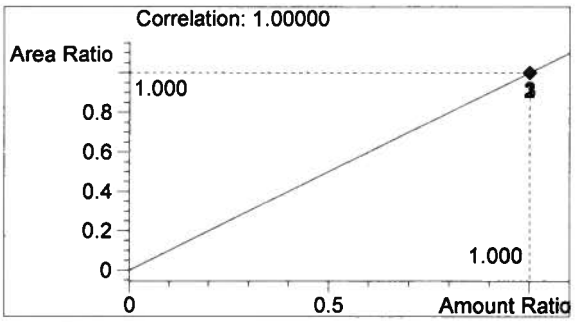
Sample Name: ESS 12037 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1138	1.040
2	n-Propanol	2441	1.704



Ethanol 0.104 g/100mL

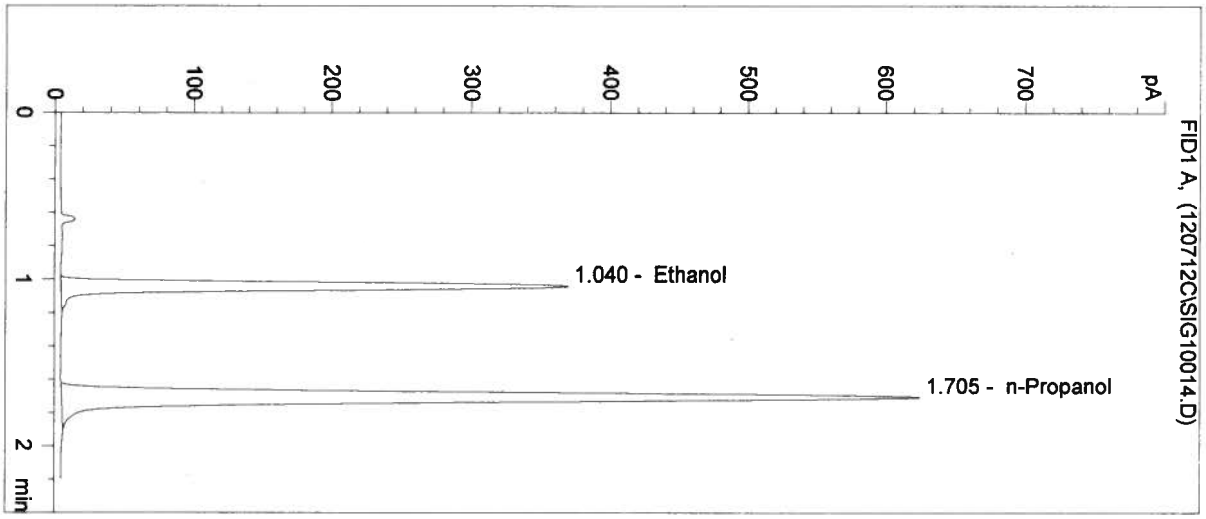


n-Propanol 0.012 g/100mL

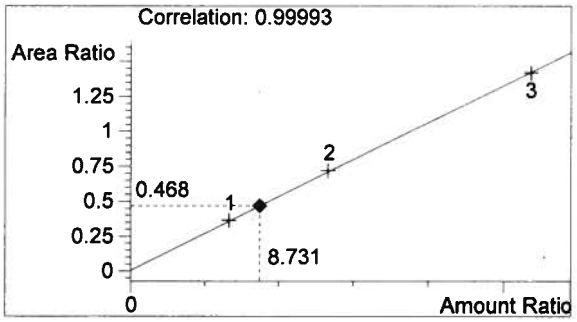
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:50:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

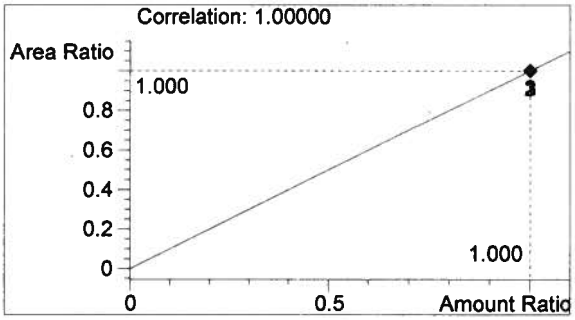
Sample Name: ESS 12037 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1151	1.040
2	n-Propanol	2457	1.705



Ethanol 0.105 g/100mL



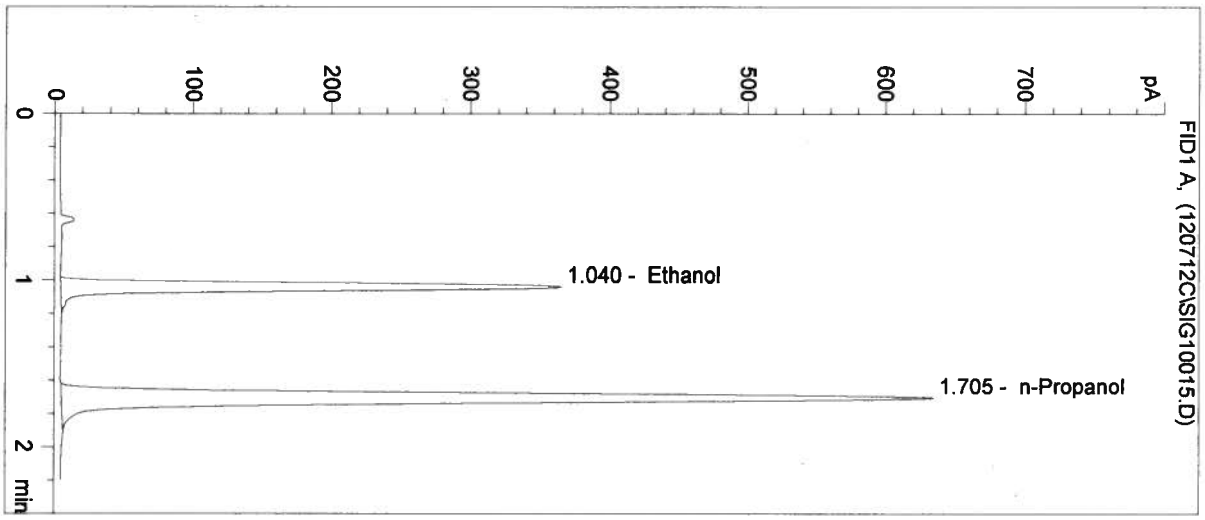
n-Propanol 0.012 g/100mL

CJ

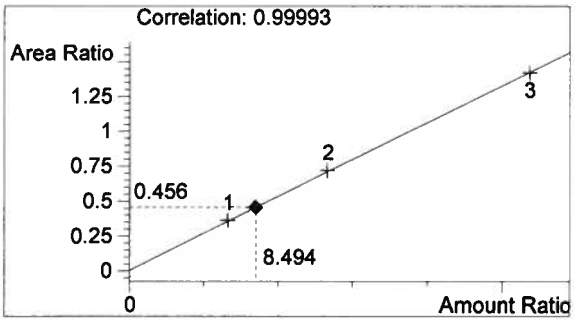
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:53:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10 Control - Lot #A083355 - Exp. 12/2015

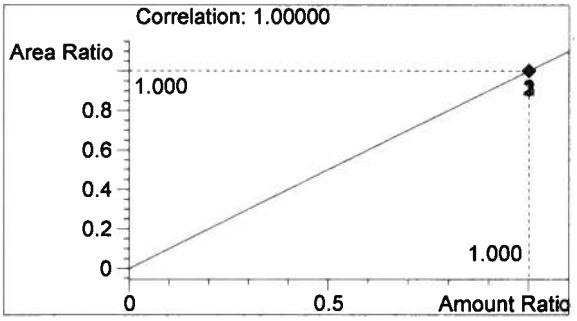
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1140	1.040
2	n-Propanol	2501	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

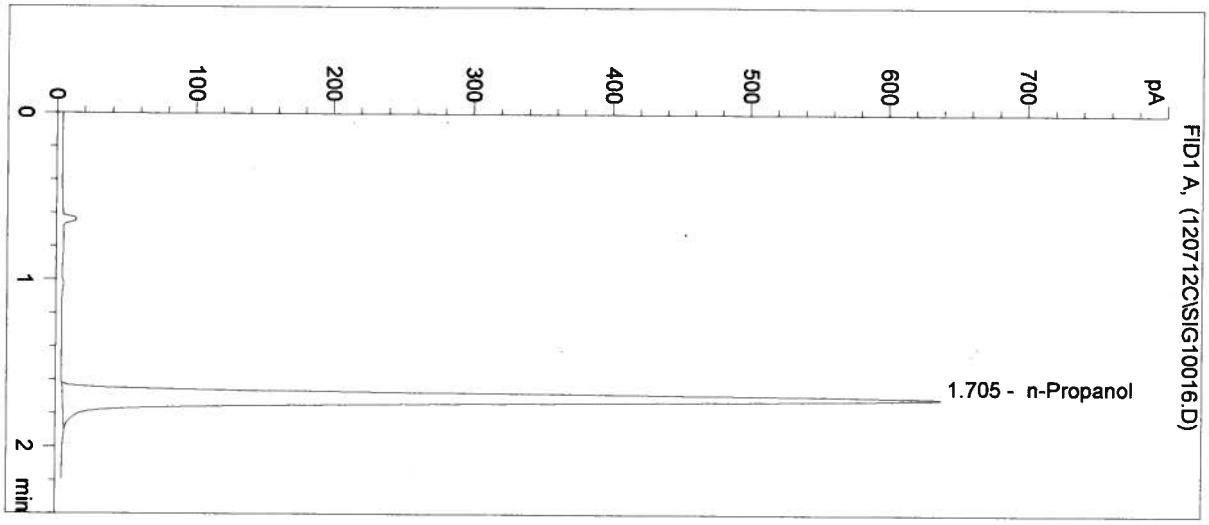
12037

CJ

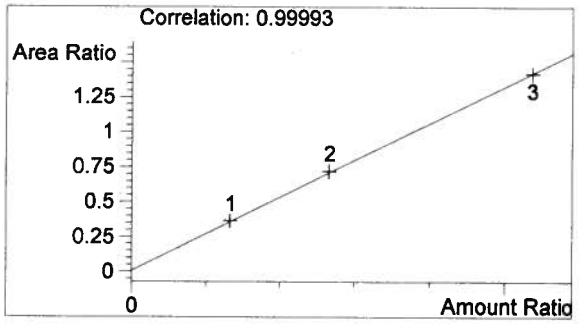
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/24/2012 4:56:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16

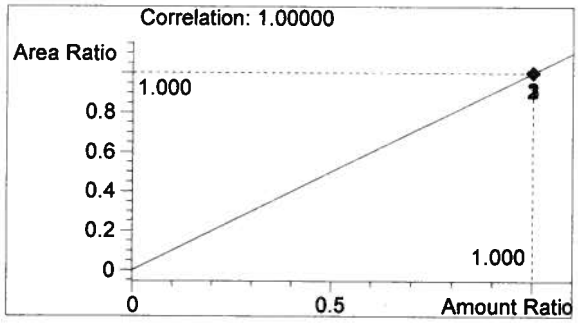


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2516	1.705



Ethanol 0.000 g/100mL

12037



n-Propanol 0.012 g/100mL

CJ

Sequence: C:\HPCHEM\1\SEQUENCE\JKEXTSTD.S

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120828JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012
Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012
Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012

0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A084657 - Exp. 02/2016

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	E0612-01 - (0.079g/100mL)
3	Vial 3	E0612-02 - (0.158g/100mL)
4	Vial 4	E0612-03 - (0.316g/100mL)
5	Vial 5	
6	Vial 6	0.04g/100mL
7	Vial 7	0.10g/100mL
8	Vial 8	0.20g/100mL
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

12037

Sequence: C:\HPCHEM\1\SEQUENCE\JKEXTSTD.S

Line	Location	Sample Information
15	Vial 15	0.10g/100mL
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC1	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC1	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	12037-1	SIMALC1	1	Sample		
11	Vial 11	12037-2	SIMALC1	1	Sample		
12	Vial 12	12037-3	SIMALC1	1	Sample		
13	Vial 13	12037-4	SIMALC1	1	Sample		
14	Vial 14	12037-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC1	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC1	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12037

JK

Calibration Table

Calib. Data Modified : Tuesday, August 28, 2012 1:37:31 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.97000e-2	860.16656	9.26565e-5	1		Ethanol
		2	1.59870e-1	1726.76099	9.25837e-5			
		3	3.21590e-1	3410.92480	9.42823e-5			
1.705	1	1	1.20000e-2	2387.94678	5.02524e-6	I1		n-Propanol
		2	1.20000e-2	2386.46265	5.02836e-6			
		3	1.20000e-2	2374.90845	5.05283e-6			

12037

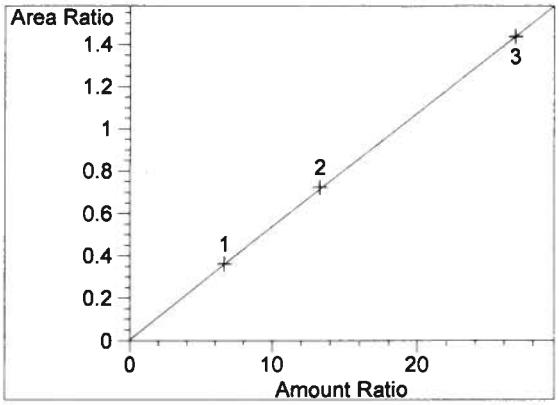
Peak Sum Table

No Entries in table

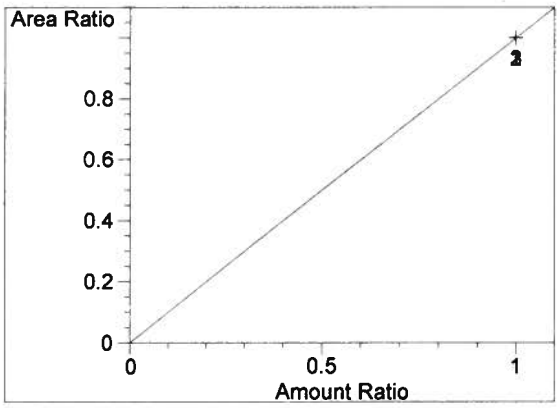
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00557
Formula: y = mx + b
m: 5.35774e-2
b: 3.63794e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

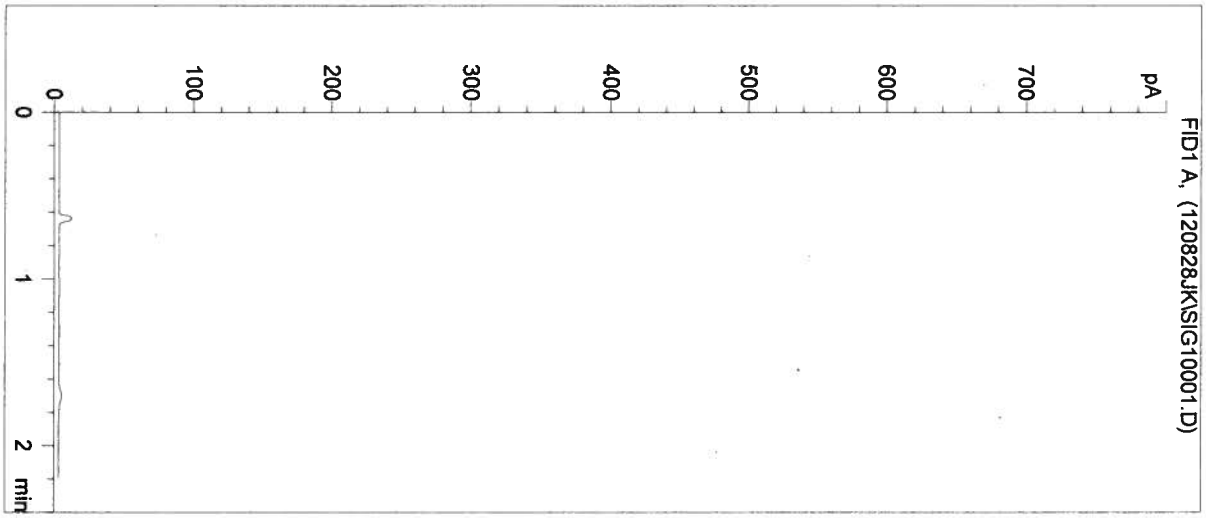
==========

12037

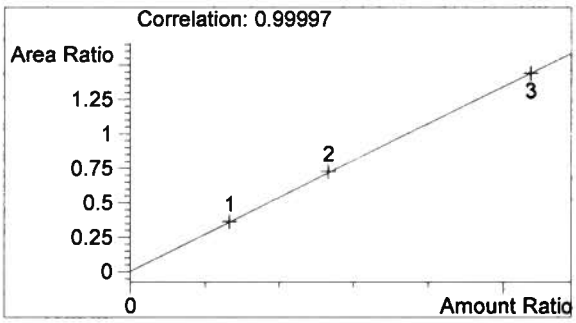
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:26:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

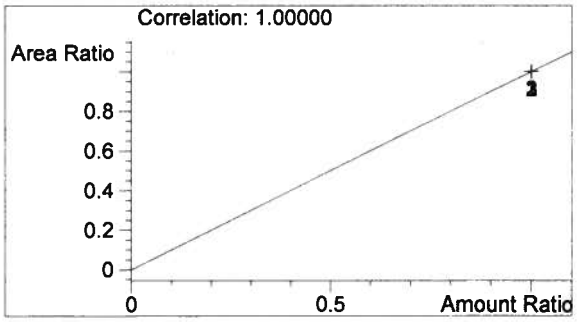
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



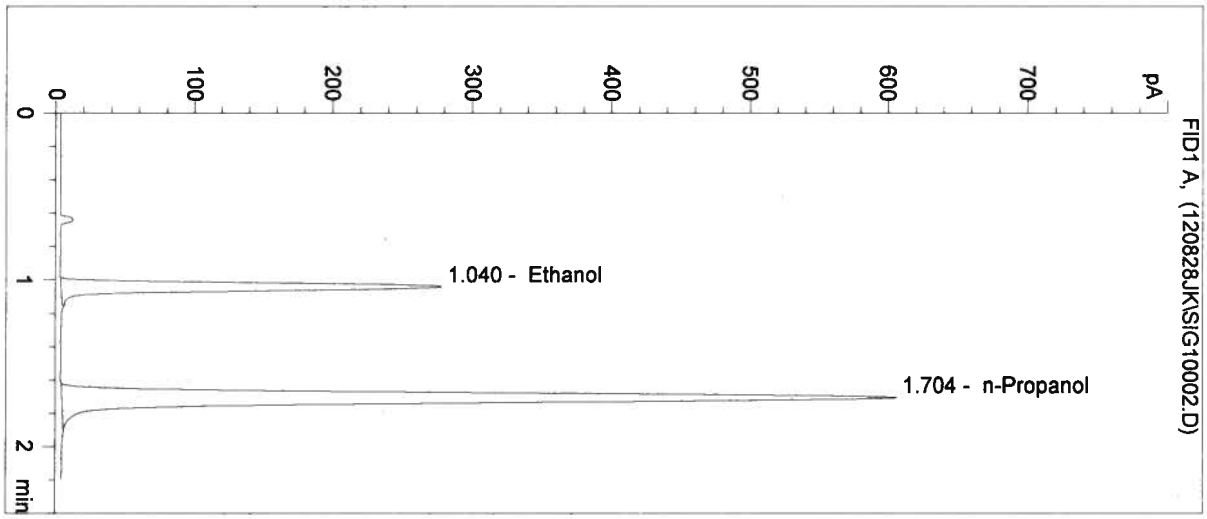
n-Propanol 0.000 g/100mL

12037

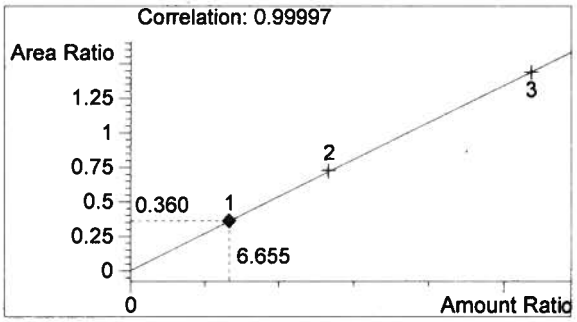
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:29:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0612-01 - (0.079g/100mL)

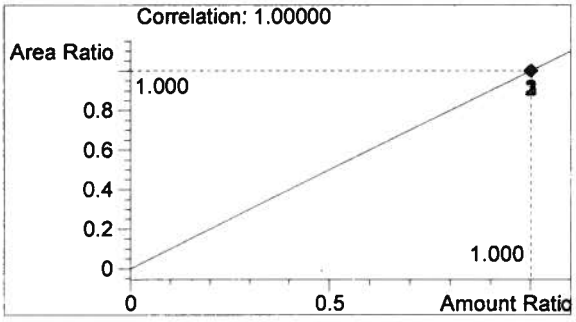
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	860	1.040
2	n-Propanol	2388	1.704



Ethanol 0.080 g/100mL



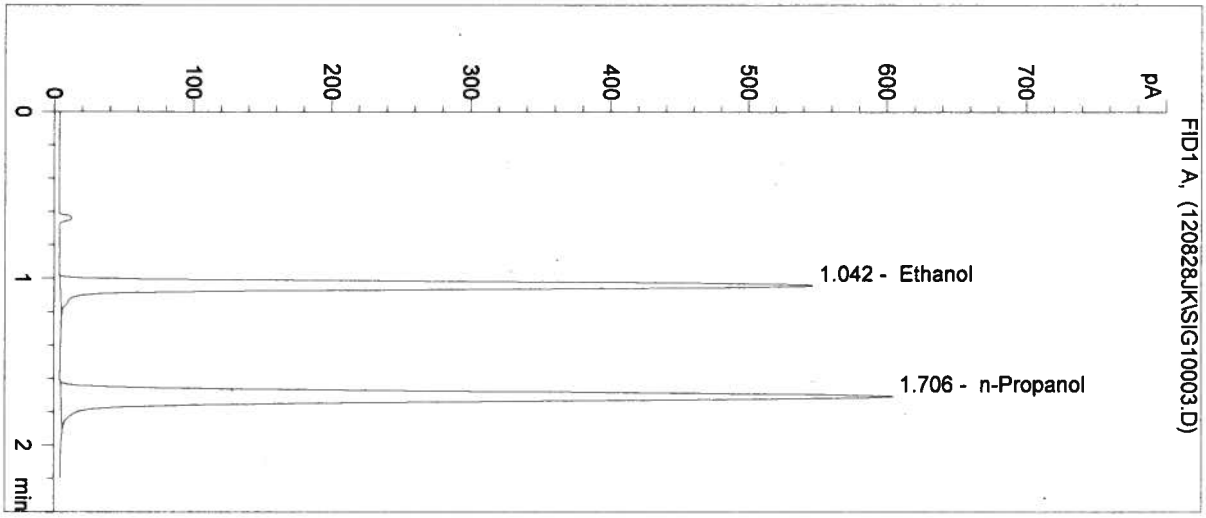
n-Propanol 0.012 g/100mL

12037

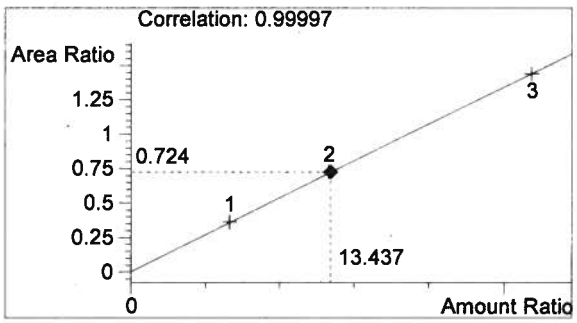
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:32:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0612-02 - (0.158g/100mL)

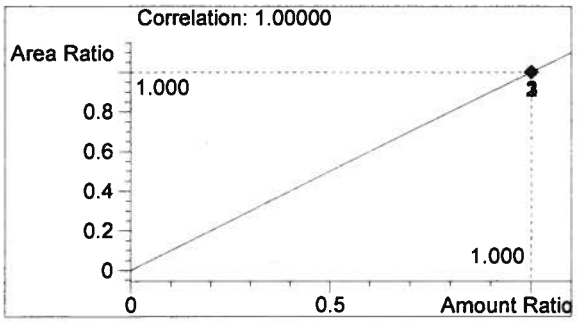
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1727	1.042
2	n-Propanol	2386	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

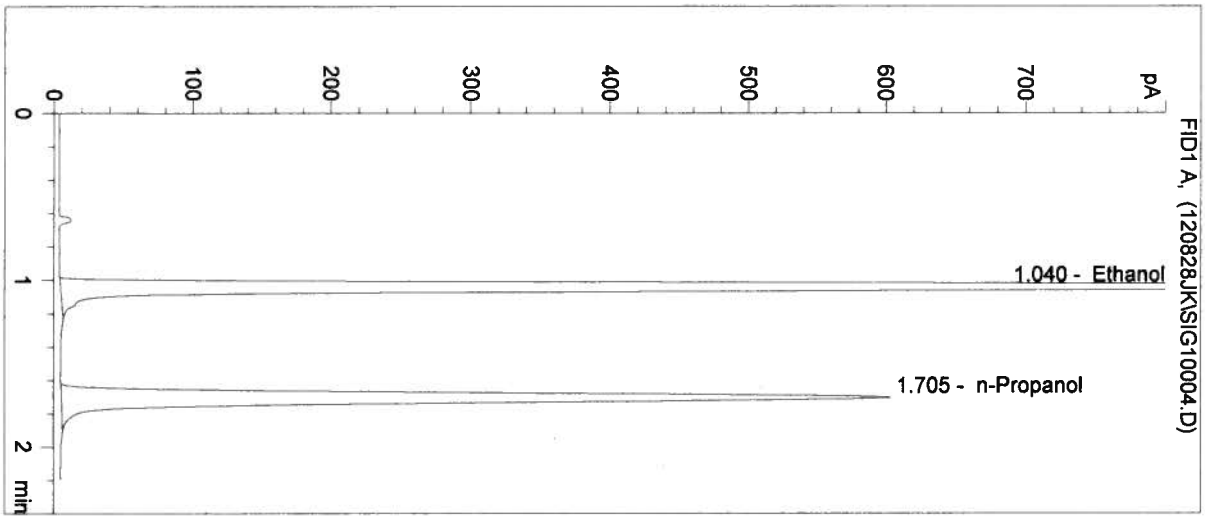
12037

Data File: C:\HPCHEM\1\DATA\120828JK\SIG10003.D

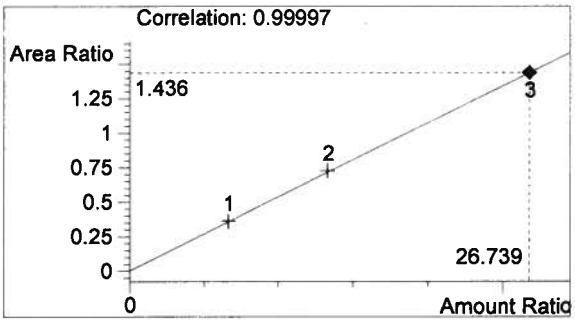
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:35:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0612-03 - (0.316g/100mL)

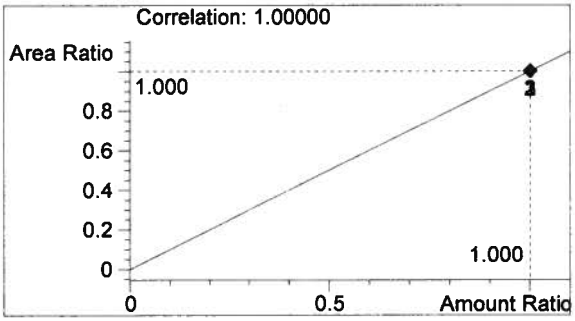
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3411	1.040
2	n-Propanol	2375	1.705



Ethanol 0.321 g/100mL



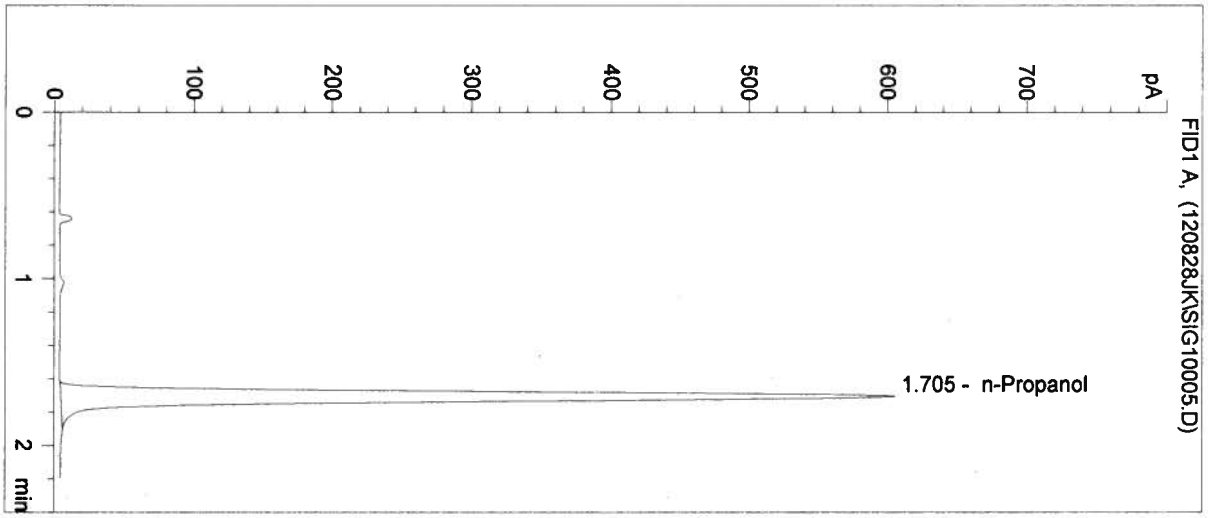
n-Propanol 0.012 g/100mL

12037

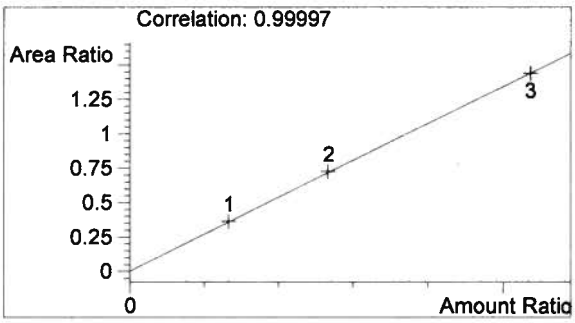
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:38:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

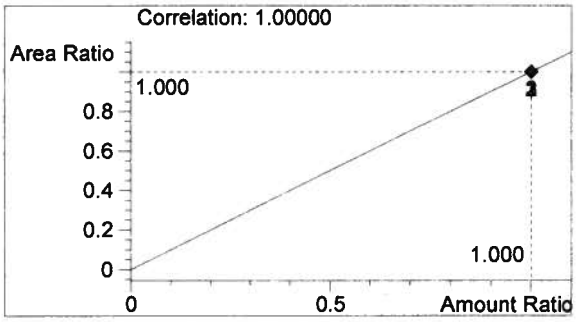
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2394	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

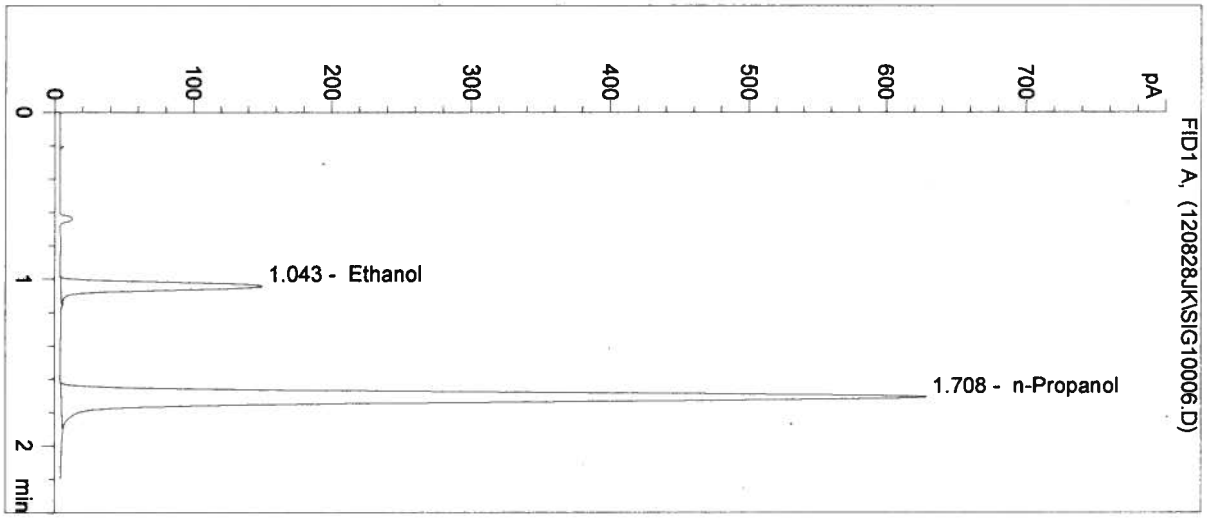
12037

JK

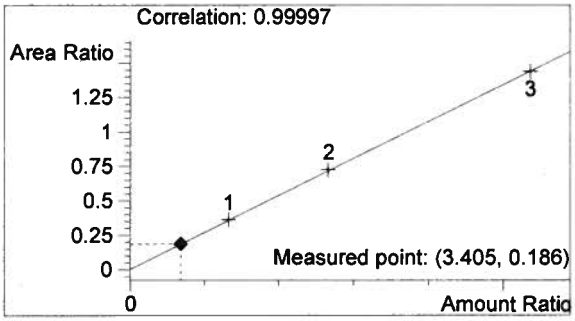
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:41:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

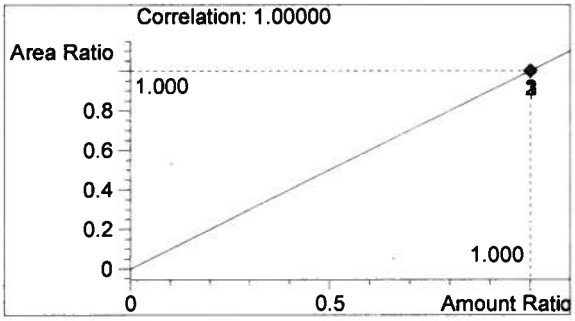
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	464	1.043
2	n-Propanol	2491	1.708



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

12037

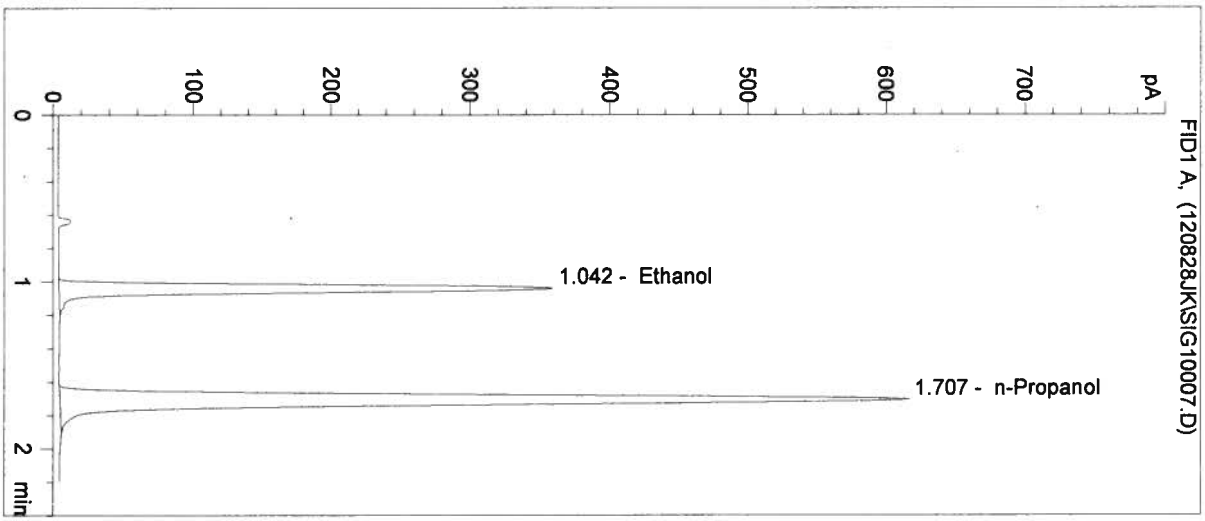
Data File: C:\HPCHEM\1\DATA\120828JK\SIG10006.D

JK

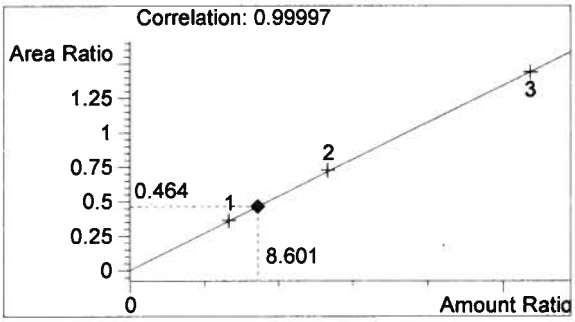
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:44:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

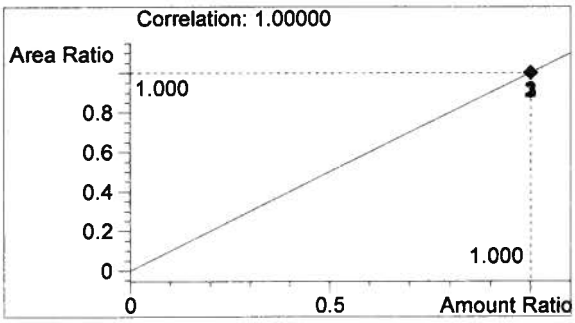
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.042
2	n-Propanol	2436	1.707



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

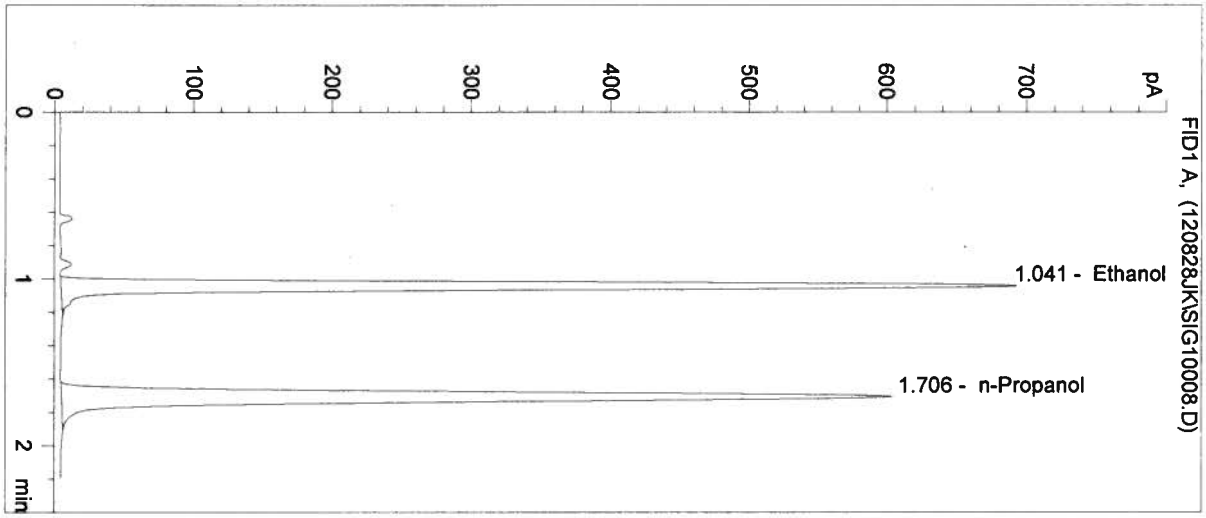
12037

Data File: C:\HPCHEM\1\DATA\120828JK\SIG10007.D

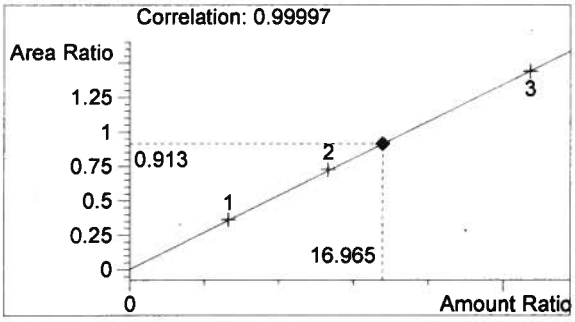
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:47:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

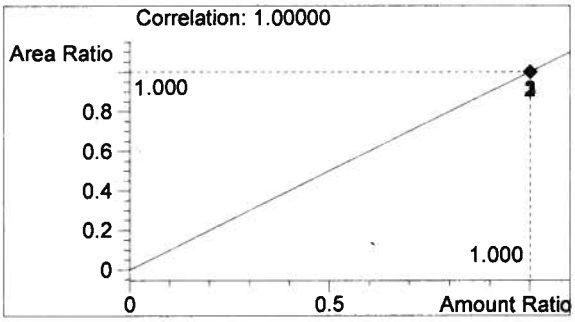
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2171	1.041
2	n-Propanol	2379	1.706



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

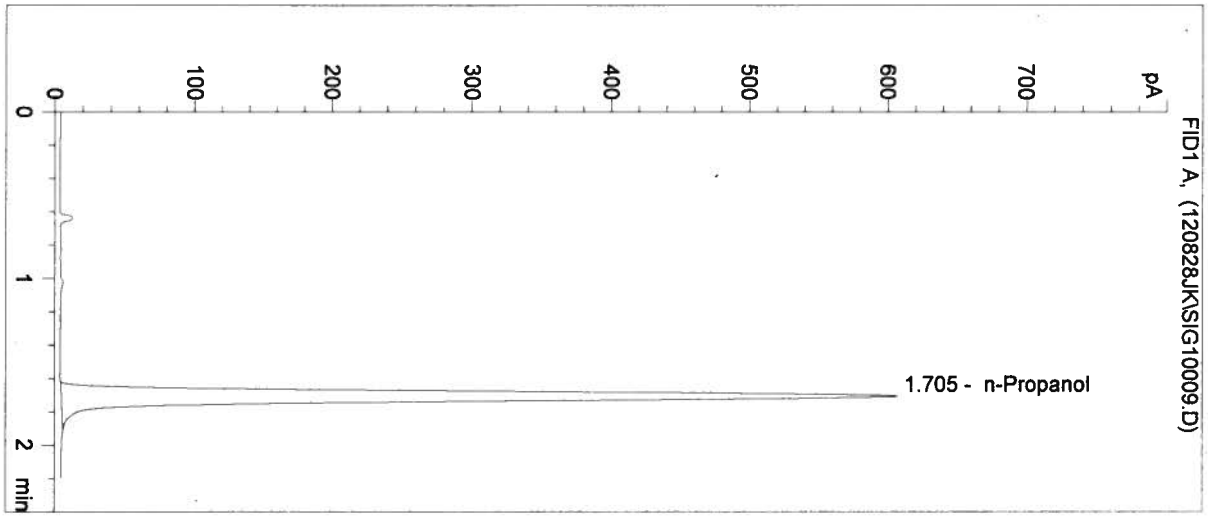
12037

Data File: C:\HPCHEM\1\DATA\120828JK\SIG10008.D

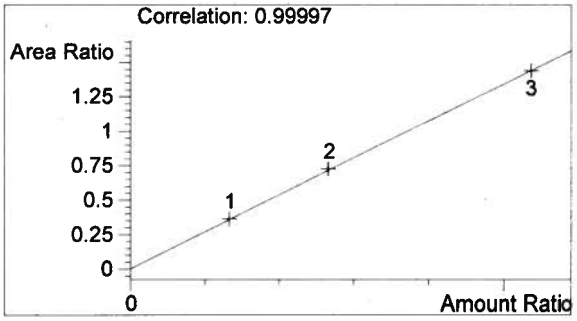
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:50:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

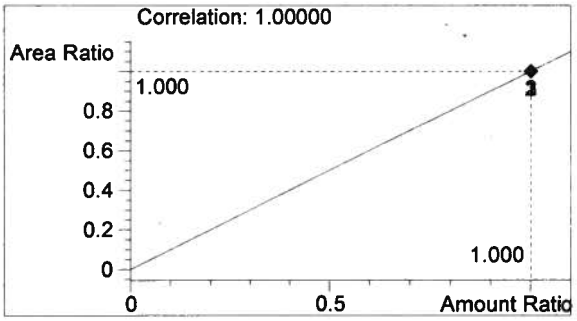
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2398	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

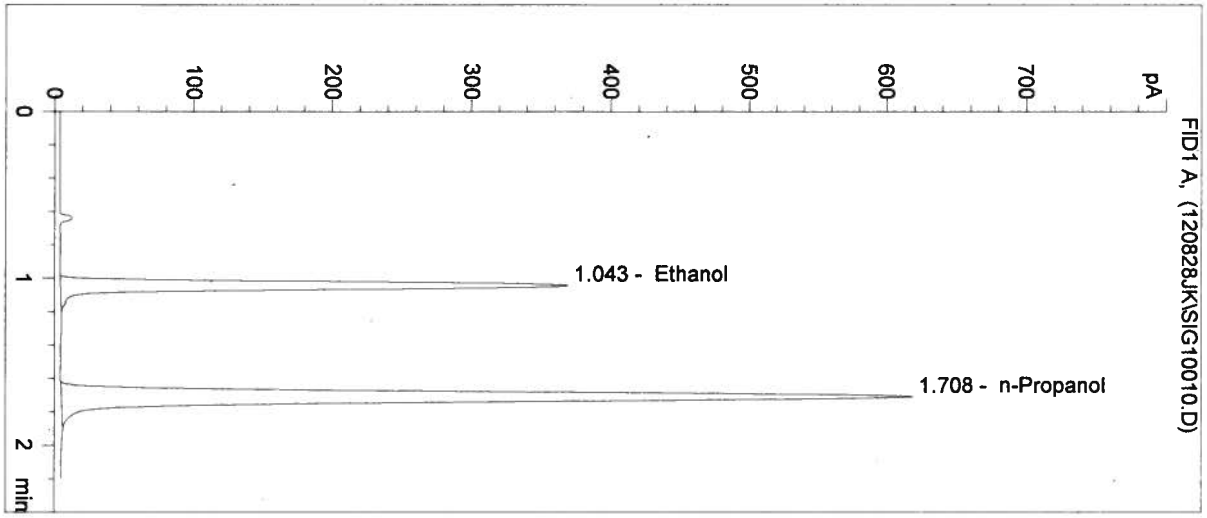
12037

JK

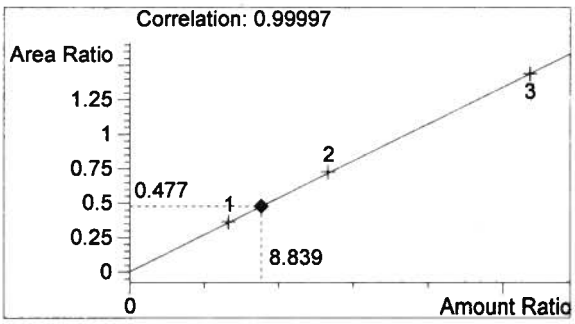
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:53:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

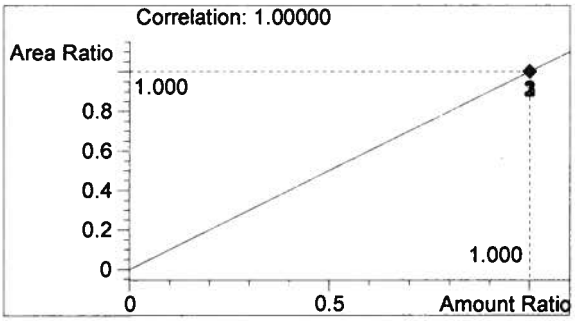
Sample Name: 12037-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1168	1.043
2	n-Propanol	2447	1.708



Ethanol 0.106 g/100mL

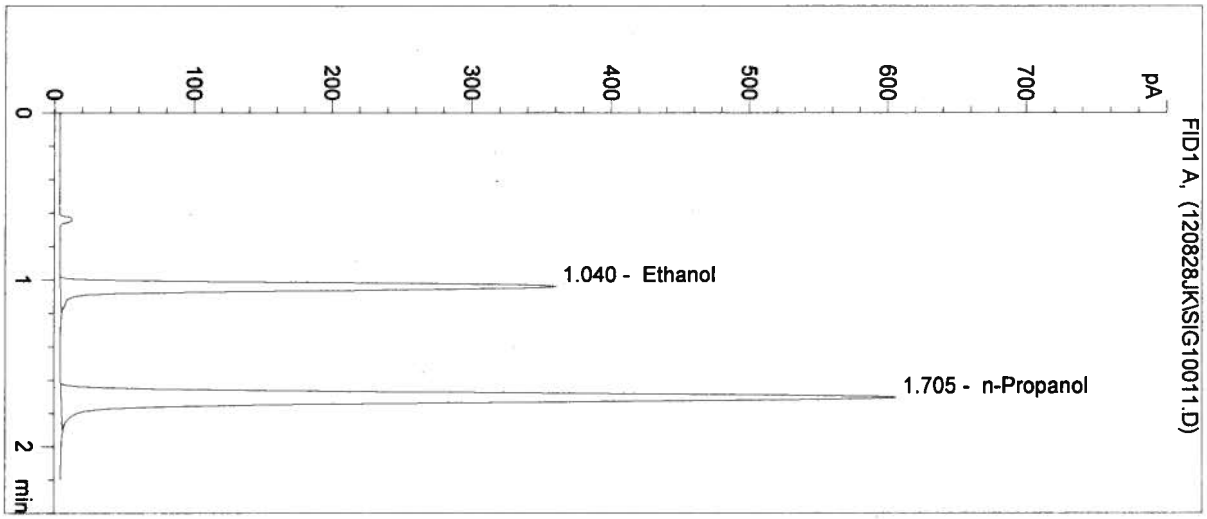


n-Propanol 0.012 g/100mL

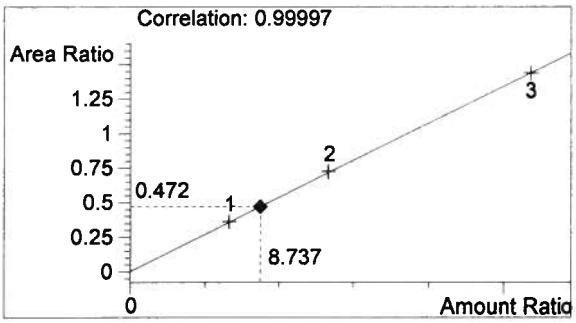
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 1:56:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

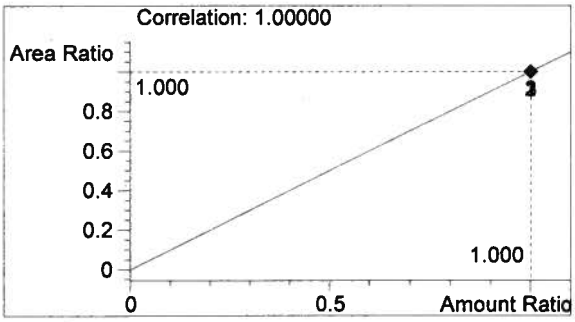
Sample Name: 12037-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.040
2	n-Propanol	2390	1.705



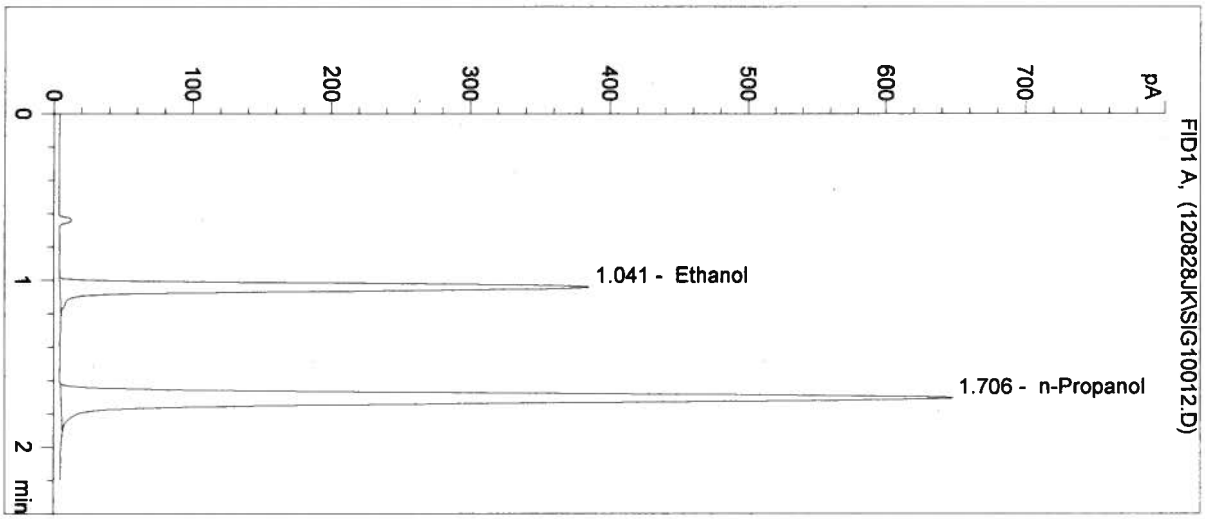
Ethanol 0.105 g/100mL



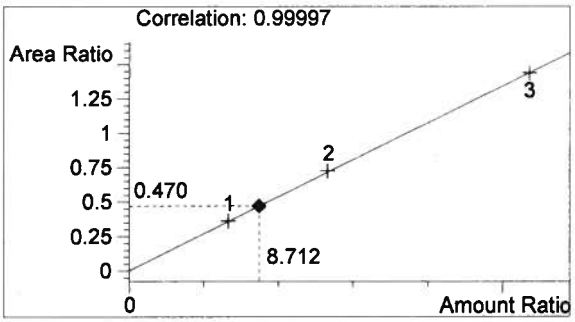
n-Propanol 0.012 g/100mL

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

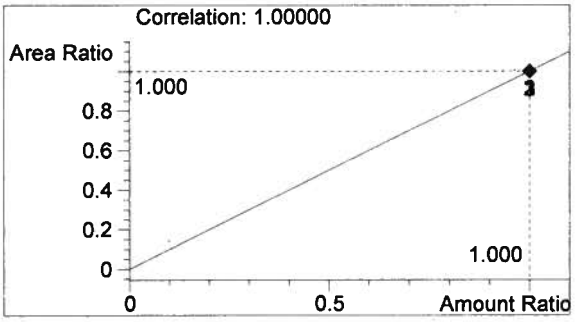
Inj. Date: 8/28/2012 1:59:56 PM
Sample Name: 12037-3
Instrument: HSGC#1
Operator: Justin Knoy
Column: DB-ALC1
Location: Vial 12
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1204	1.041
2	n-Propanol	2559	1.706



Ethanol 0.105 g/100mL

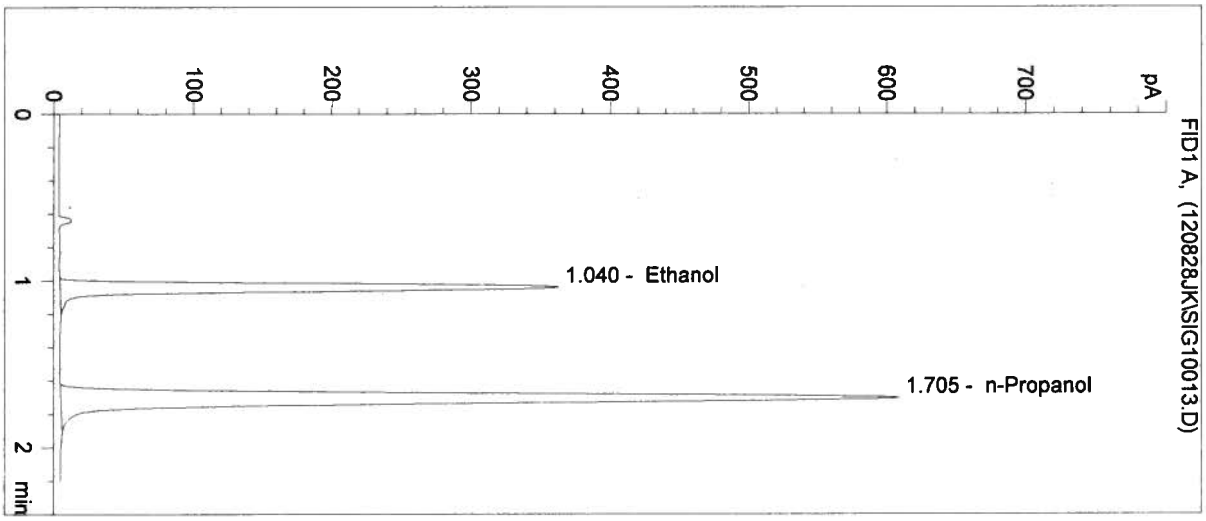


n-Propanol 0.012 g/100mL

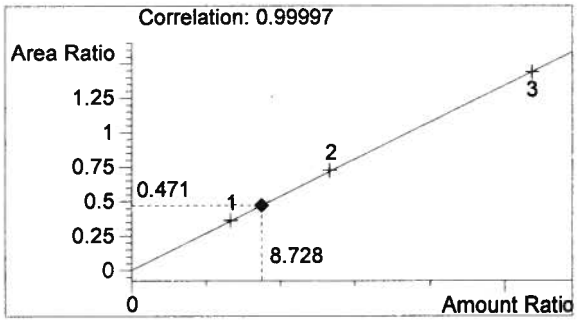
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 2:03:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

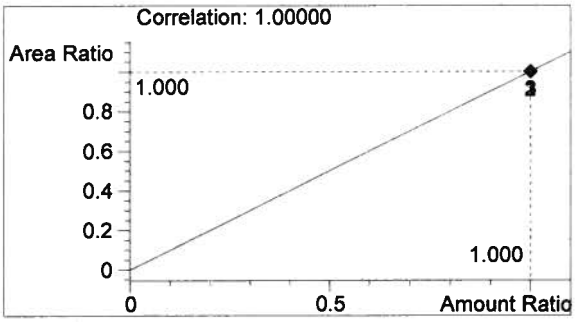
Sample Name: 12037-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.040
2	n-Propanol	2401	1.705



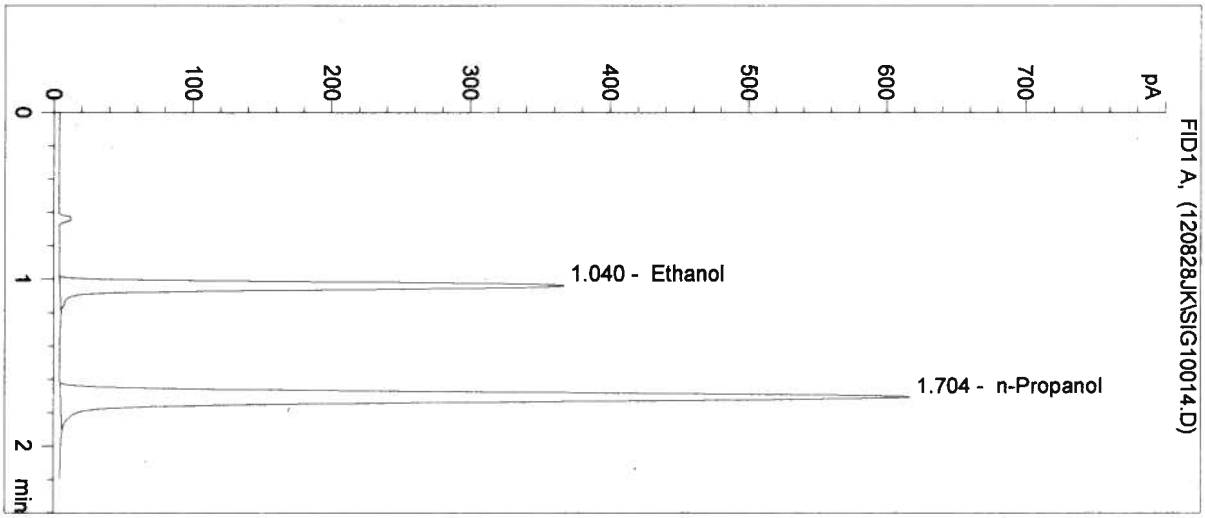
Ethanol 0.105 g/100mL



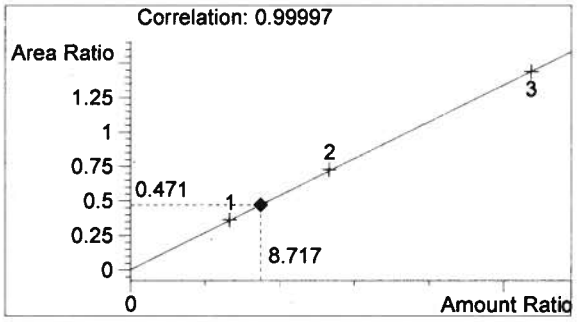
n-Propanol 0.012 g/100mL

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

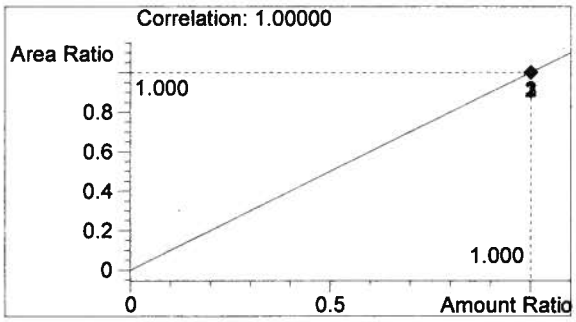
Inj. Date: 8/28/2012 2:06:06 PM
Sample Name: 12037-5
Instrument: HSGC#1
Operator: Justin Knoy
Column: DB-ALC1
Location: Vial 14
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1148	1.040
2	n-Propanol	2439	1.704



Ethanol 0.105 g/100mL

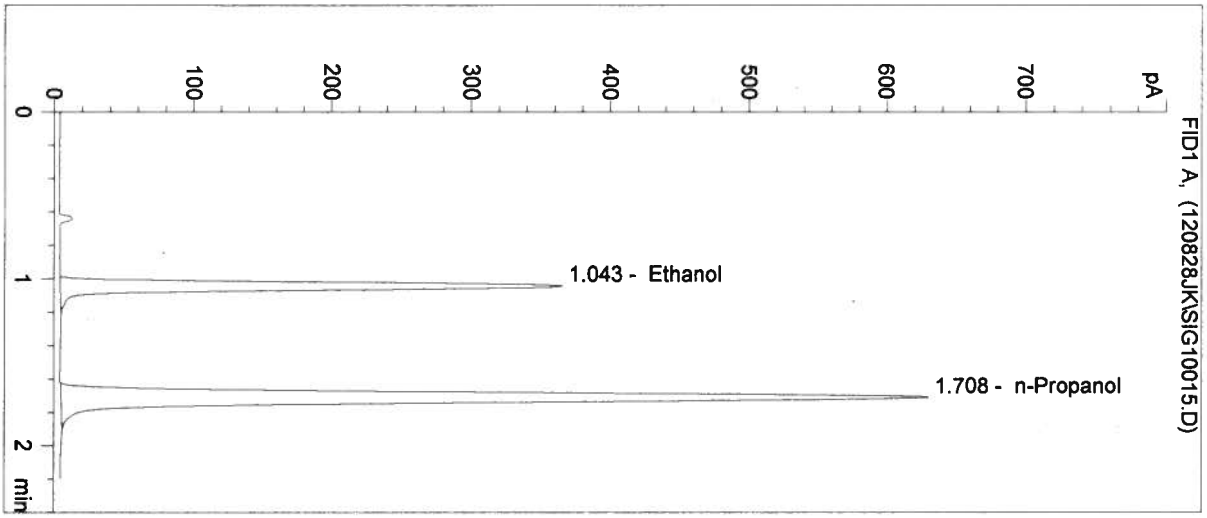


n-Propanol 0.012 g/100mL

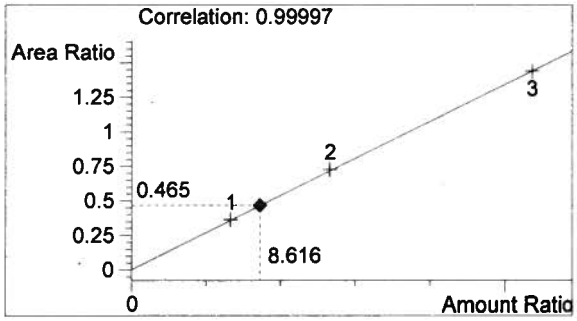
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 2:09:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

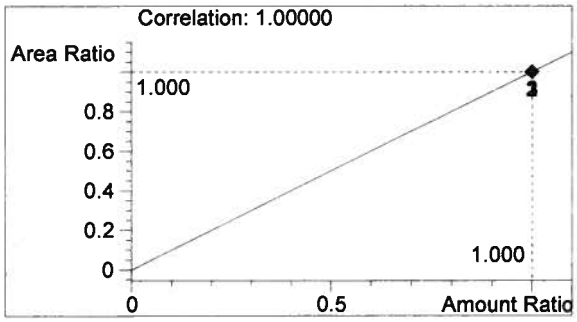
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1162	1.043
2	n-Propanol	2497	1.708



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

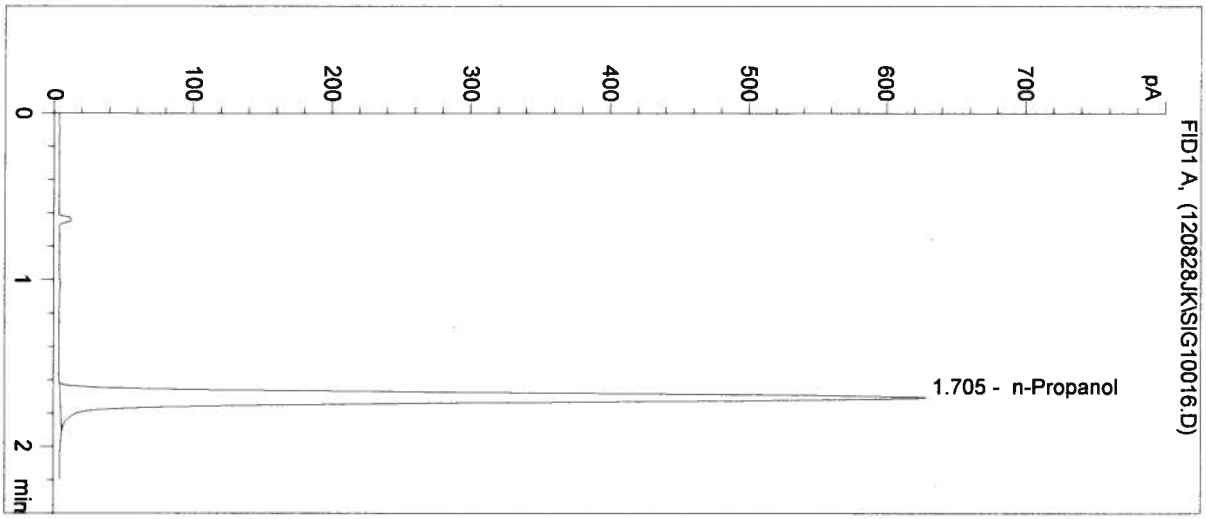
12037

Data File: C:\HPCHEM\1\DATA\120828JK\SIG10015.D

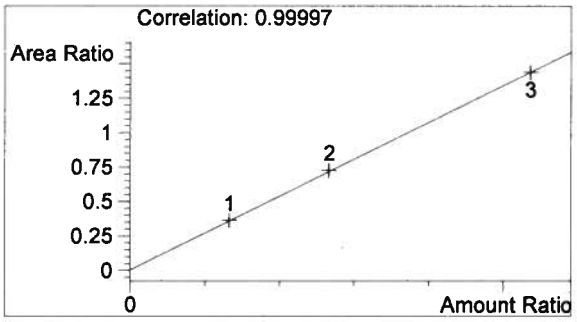
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2012 2:12:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

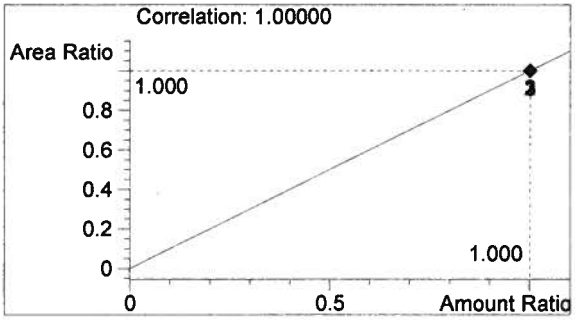
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2481	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12037

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120906NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012
Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012
Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012

0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A084657 - Exp. 02/2016

Data for vials 1-9 (calibrators & controls) are stored with data for ESS 12037.

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	E0612-01; 0.079g/100mL
3	Vial 3	E0612-02; 0.158g/100mL
4	Vial 4	E0612-03; 0.316g/100mL
5	Vial 5	
6	Vial 6	CTRL 1; 0.04g/100mL
7	Vial 7	CTRL 2; 0.10g/100mL
8	Vial 8	CTRL 3; 0.20g/100mL
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	

12037

Sequence: C:\HPCHEM\1\SEQUENCE\NNESS1.S

Line	Location	Sample Information
14	Vial 14	
15	Vial 15	CTRL; 0.10g/100mL
16	Vial 16	
17	Vial 17	
18	Vial 18	
19	Vial 19	
20	Vial 20	
21	Vial 21	
22	Vial 22	CTRL; 0.10g/100mL
23	Vial 23	
24	Vial 24	
25	Vial 25	
26	Vial 26	
27	Vial 27	
28	Vial 28	
29	Vial 29	CTRL; 0.10g/100mL
30	Vial 30	
31	Vial 31	
32	Vial 32	
33	Vial 33	
34	Vial 34	
35	Vial 35	
36	Vial 36	CTRL; 0.10g/100mL
37	Vial 37	
38	Vial 38	
39	Vial 39	
40	Vial 40	
41	Vial 41	
42	Vial 42	
43	Vial 43	CTRL; 0.10g/100mL
44	Vial 44	

12037

Method and Injection Info Part:

Sequence: C:\HPCHEM\1\SEQUENCE\NNESS1.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC1	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC1	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL NN	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL NN	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL NN	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL NN	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL NN	SIMALC1	1	Ctrl Samp		
10	Vial 10	12037-1	SIMALC1	1	Sample		
11	Vial 11	12037-2	SIMALC1	1	Sample		
12	Vial 12	12037-3	SIMALC1	1	Sample		
13	Vial 13	12037-4	SIMALC1	1	Sample		
14	Vial 14	12037-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL NN	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL NN	SIMALC1	1	Ctrl Samp		
17	Vial 17	12038-1	SIMALC1	1	Sample		
18	Vial 18	12038-2	SIMALC1	1	Sample		
19	Vial 19	12038-3	SIMALC1	1	Sample		
20	Vial 20	12038-4	SIMALC1	1	Sample		
21	Vial 21	12038-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL NN	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL NN	SIMALC1	1	Ctrl Samp		
24	Vial 24	12039-1	SIMALC1	1	Sample		
25	Vial 25	12039-2	SIMALC1	1	Sample		
26	Vial 26	12039-3	SIMALC1	1	Sample		
27	Vial 27	12039-4	SIMALC1	1	Sample		
28	Vial 28	12039-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL NN	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL NN	SIMALC1	1	Ctrl Samp		
31	Vial 31	12040-1	SIMALC1	1	Sample		
32	Vial 32	12040-2	SIMALC1	1	Sample		
33	Vial 33	12040-3	SIMALC1	1	Sample		
34	Vial 34	12040-4	SIMALC1	1	Sample		
35	Vial 35	12040-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL NN	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL NN	SIMALC1	1	Ctrl Samp		
38	Vial 38	12041-1	SIMALC1	1	Sample		
39	Vial 39	12041-2	SIMALC1	1	Sample		
40	Vial 40	12041-3	SIMALC1	1	Sample		
41	Vial 41	12041-4	SIMALC1	1	Sample		
42	Vial 42	12041-5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL NN	SIMALC1	1	Ctrl Samp		
44	Vial 44	NEG CTRL NN	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC1	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC1	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC1	3	Replace	Replace	

12037

Sequence Table (Back Injector):

No entries - empty table!

Calibration Table

Calib. Data Modified : Thursday, September 06, 2012 12:06:01 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.97000e-2	926.87695	8.59877e-5	1		Ethanol
		2	1.59870e-1	2139.06274	7.47383e-5			
		3	3.21590e-1	3787.59106	8.49062e-5			
1.706	1	1	1.20000e-2	2564.54468	4.67919e-6	I1		n-Propanol
		2	1.20000e-2	2983.74170	4.02180e-6			
		3	1.20000e-2	2667.15088	4.49918e-6			

Peak Sum Table

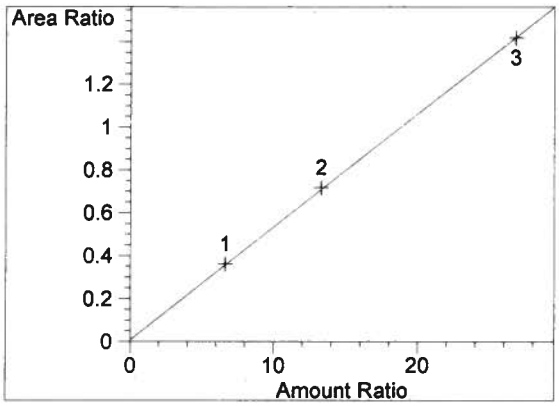
No Entries in table

12037

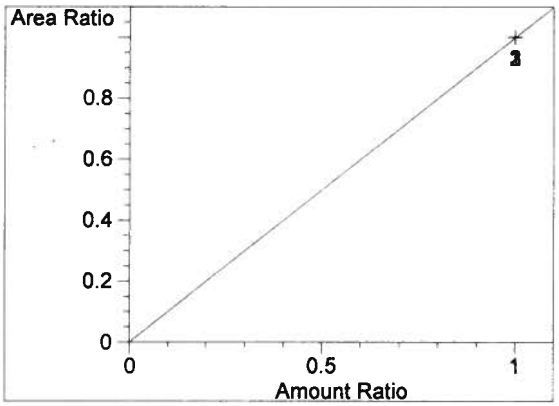
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00718
Formula: y = mx + b
m: 5.29137e-2
b: 5.99799e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

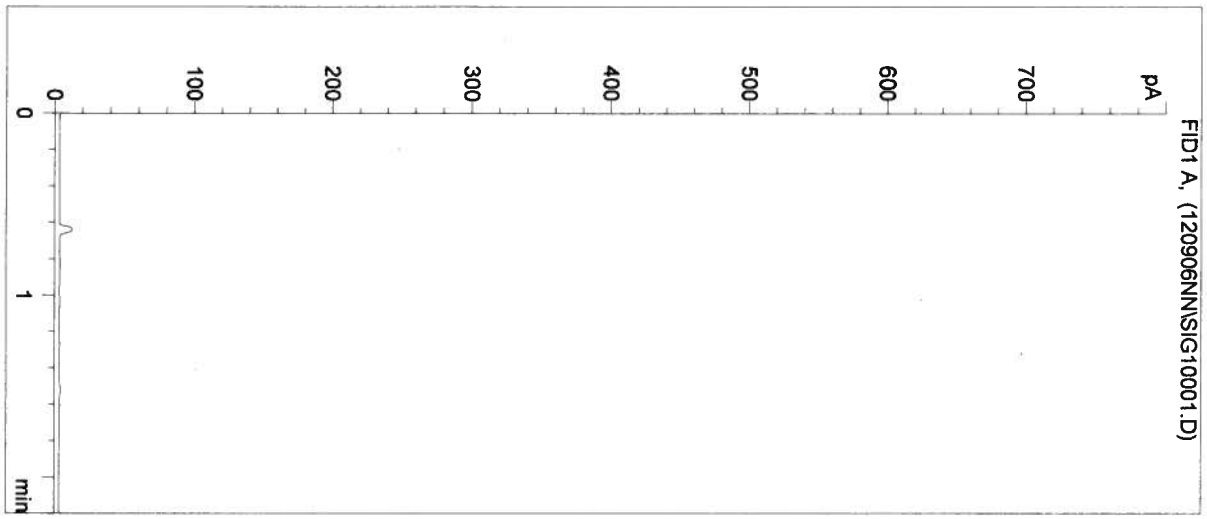
==========

12037

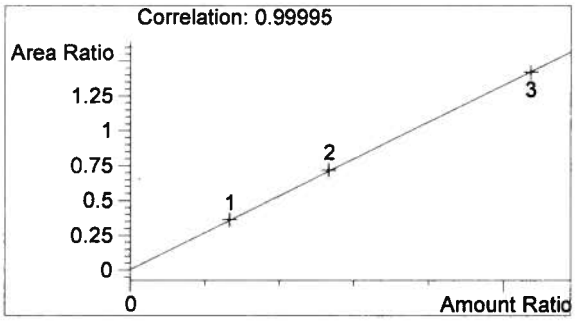
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 11:54:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

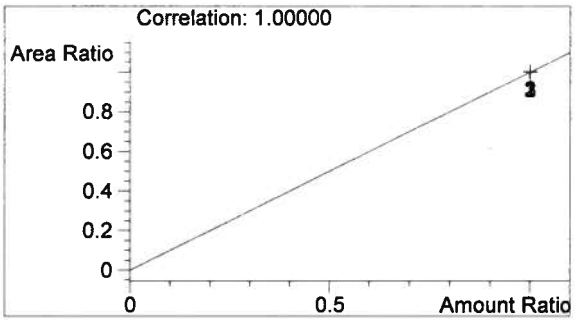
Sample Name: BLANK
Operator: Naziha Nuwayhid, PhD
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



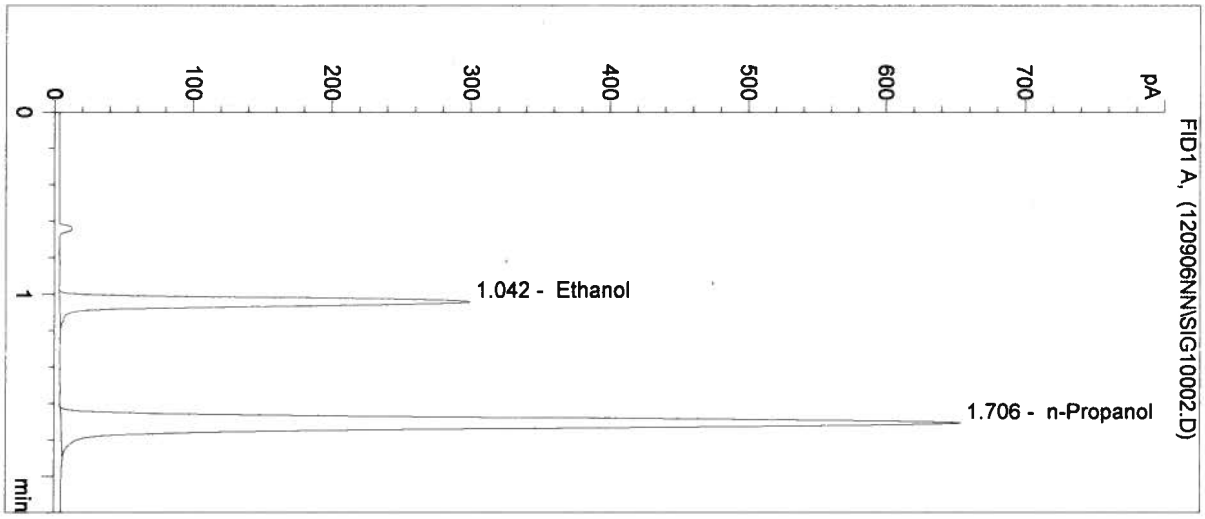
n-Propanol 0.000 g/100mL

12037

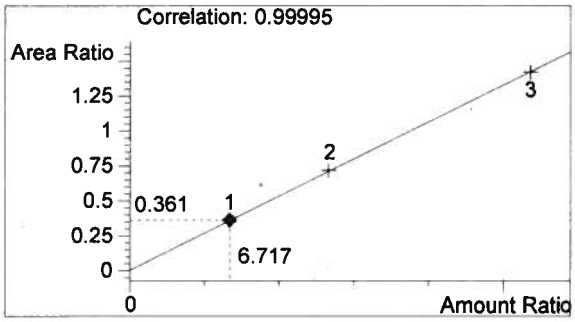
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 11:57:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0612-01; 0.079g/100mL

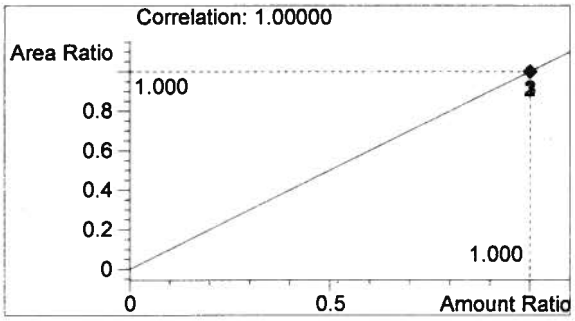
Sample Name: CAL1 0.079
Operator: Naziha Nuwayhid, PhD
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	927	1.042
2	n-Propanol	2565	1.706



Ethanol 0.081 g/100mL



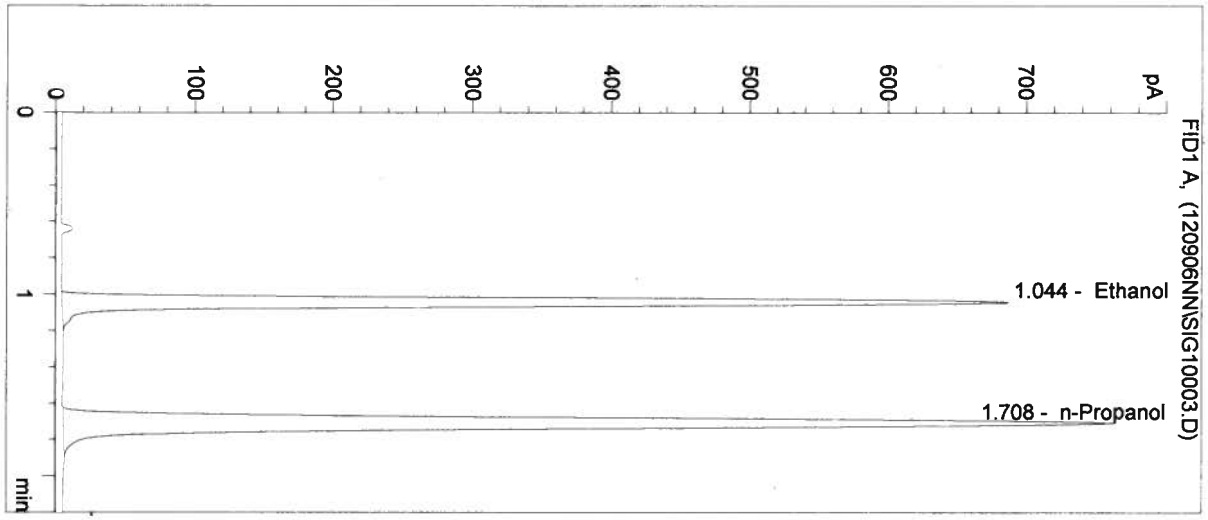
n-Propanol 0.012 g/100mL

12037

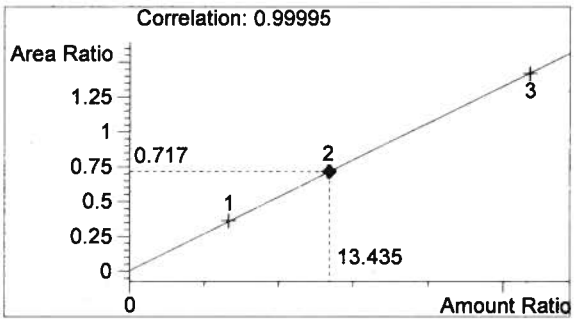
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:00:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0612-02; 0.158g/100mL

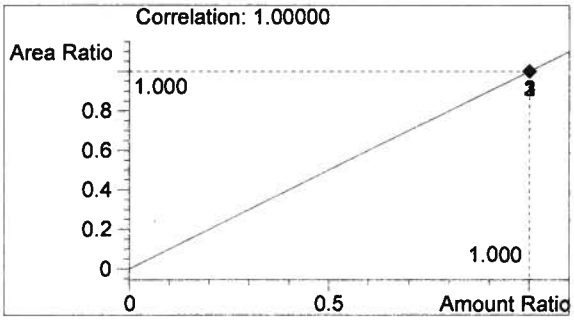
Sample Name: CAL2 0.158
Operator: Naziha Nuwayhid, PhD
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	2139	1.044
2	n-Propanol	2984	1.708



Ethanol 0.161 g/100mL



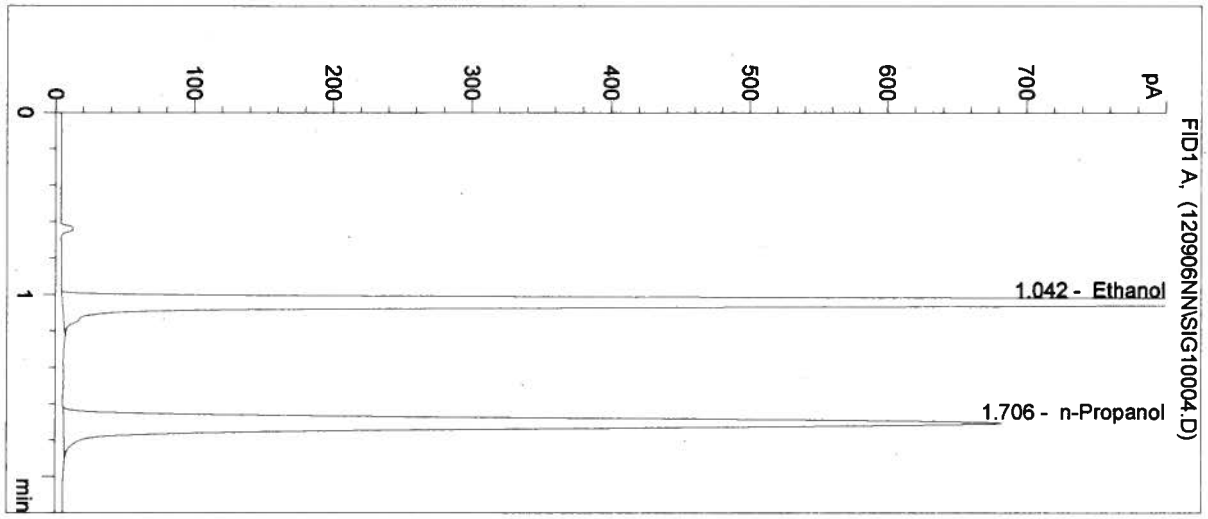
n-Propanol 0.012 g/100mL

12037

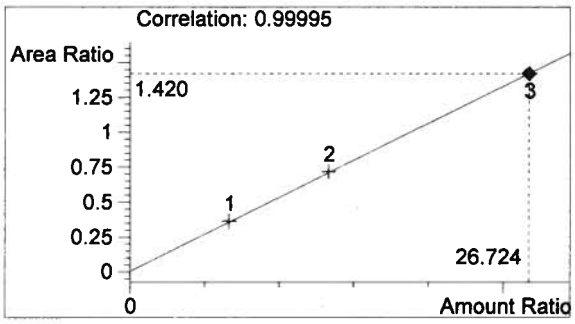
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:03:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0612-03; 0.316g/100mL

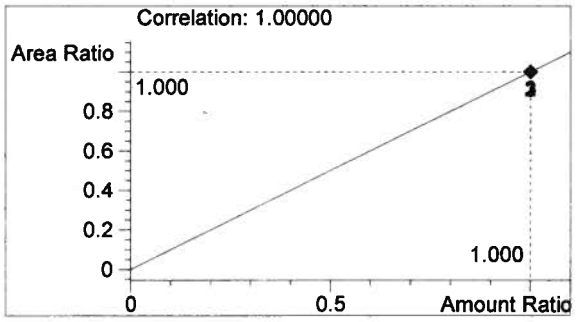
Sample Name: CAL3 0.316
Operator: Naziha Nuwayhid, PhD
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3788	1.042
2	n-Propanol	2667	1.706



Ethanol 0.321 g/100mL



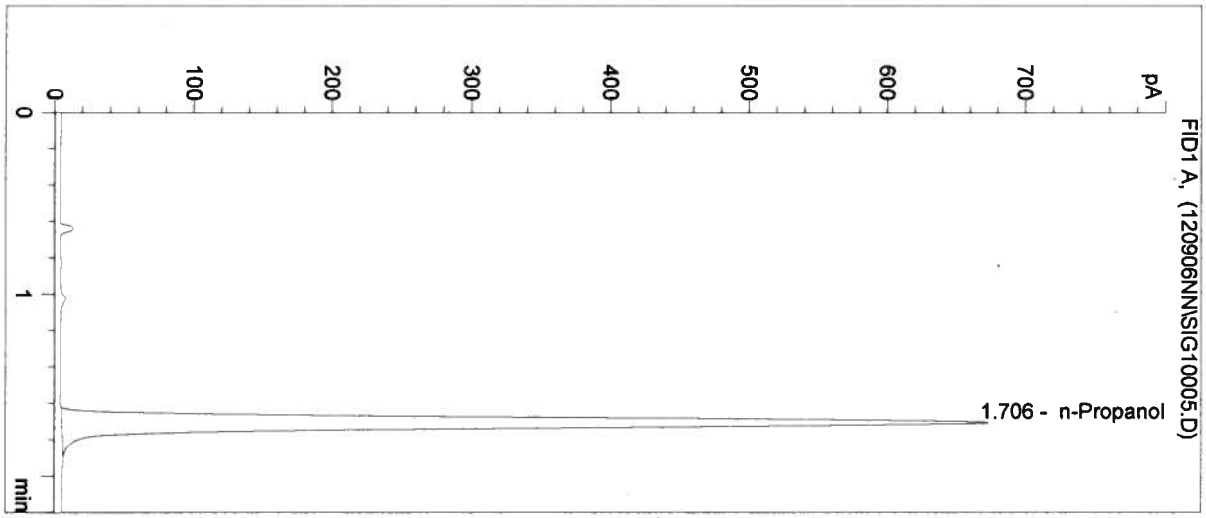
n-Propanol 0.012 g/100mL

12037

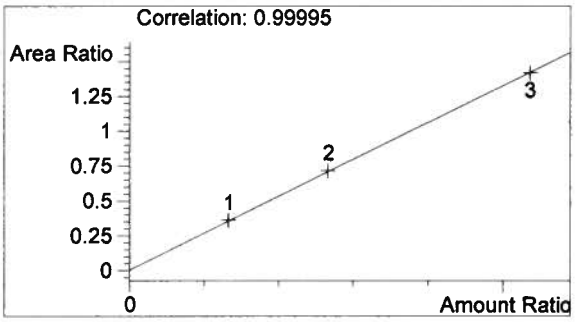
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:06:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

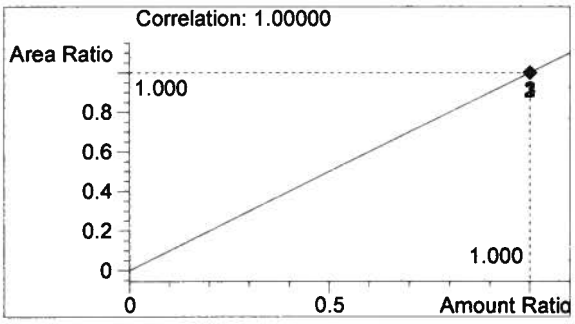
Sample Name: NEG CTRL NN
Operator: Naziha Nuwayhid, PhD
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2644	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

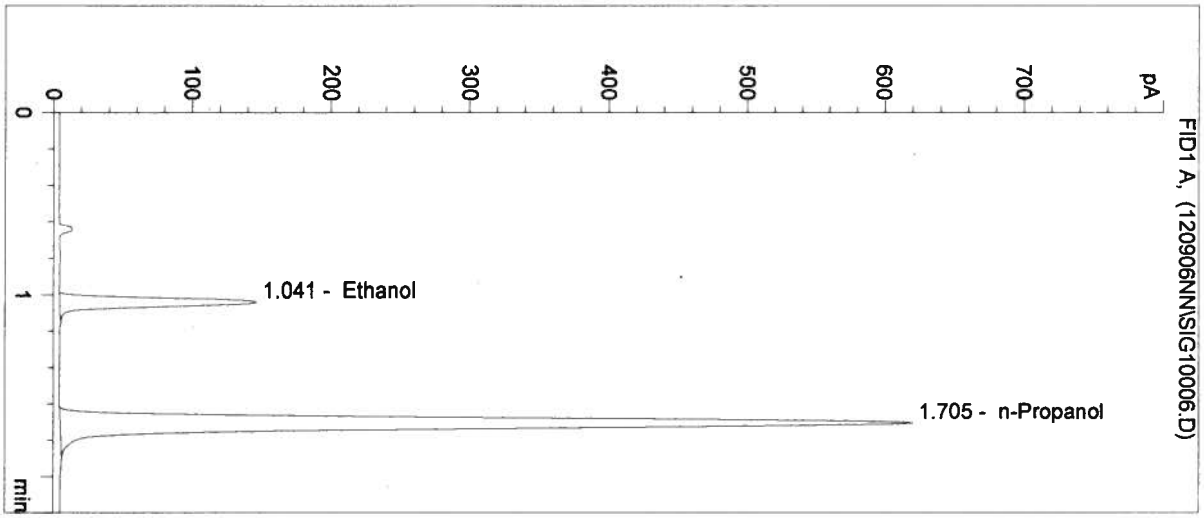
12037

NW

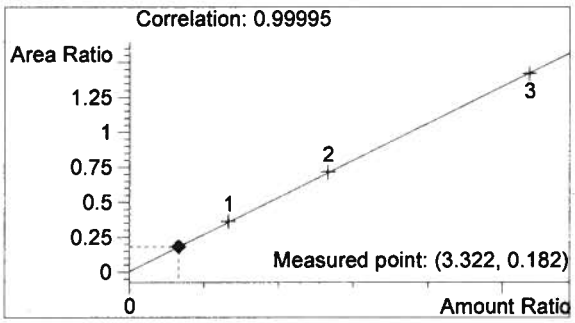
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:09:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 1; 0.04g/100mL

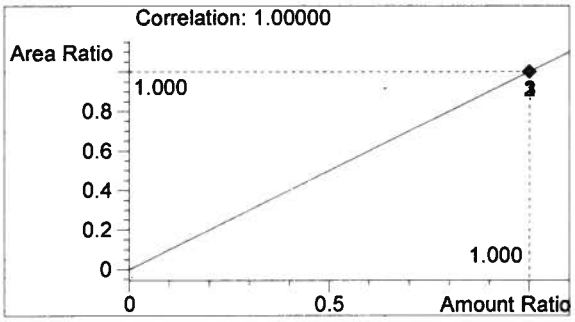
Sample Name: 0.04 CTRL NN
Operator: Naziha Nuwayhid, PhD
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	444	1.041
2	n-Propanol	2441	1.705



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

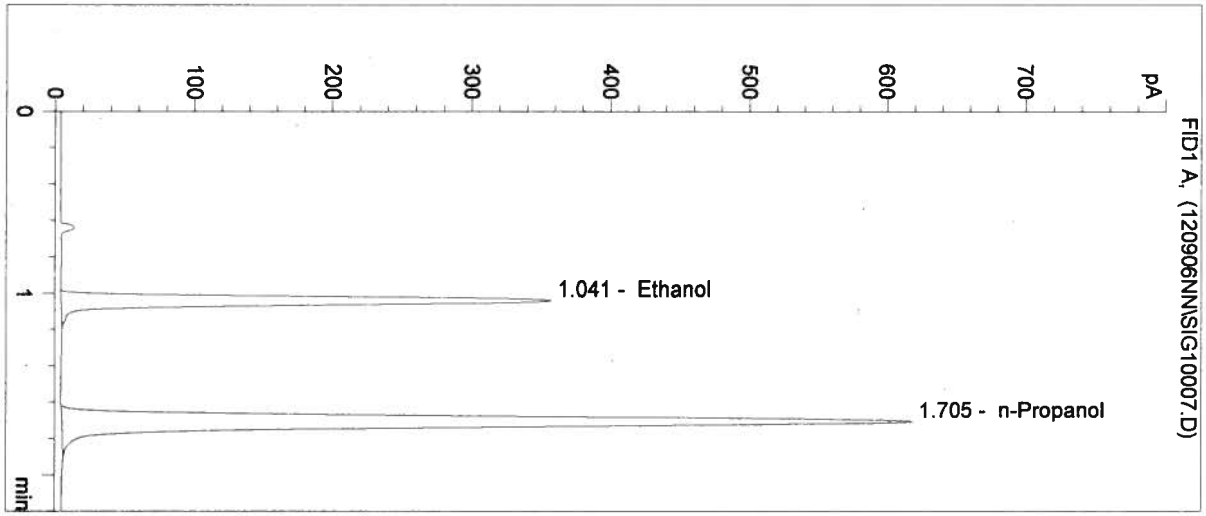
12037

NN

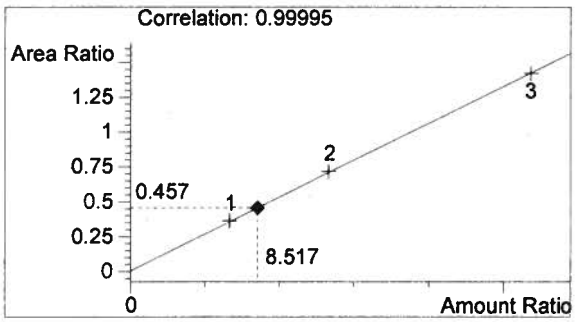
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:13:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2; 0.10g/100mL

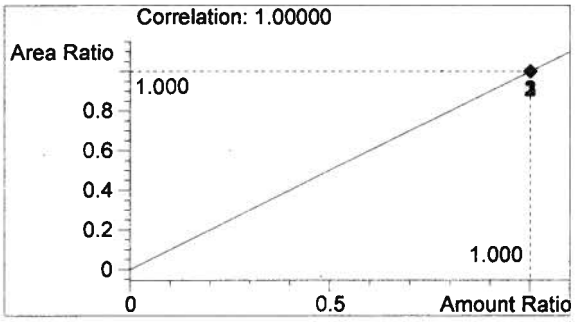
Sample Name: 0.10 CTRL NN
Operator: Naziha Nuwayhid, PhD
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.041
2	n-Propanol	2428	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

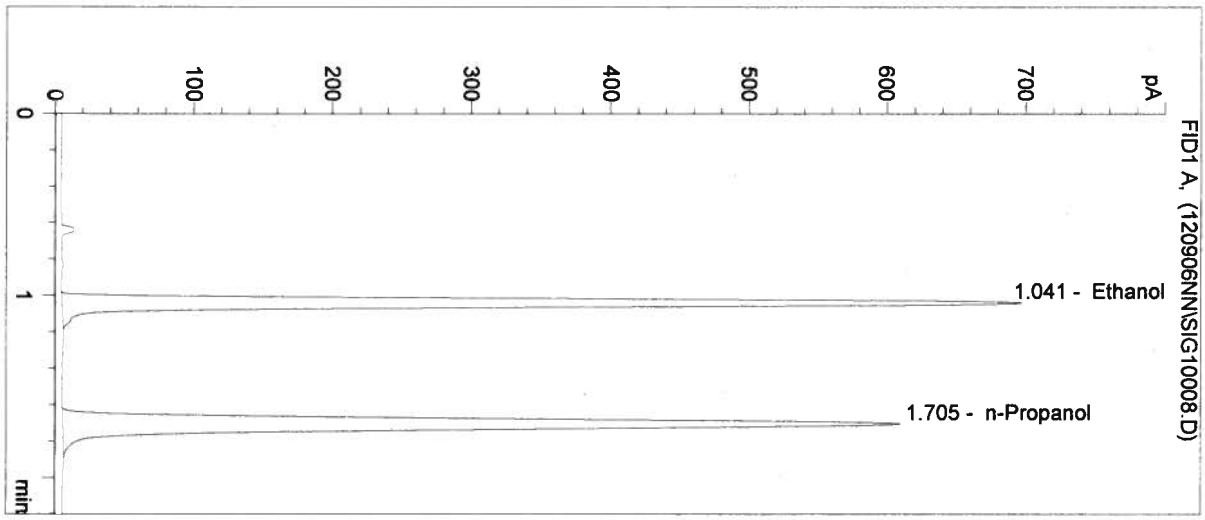
12037

NN

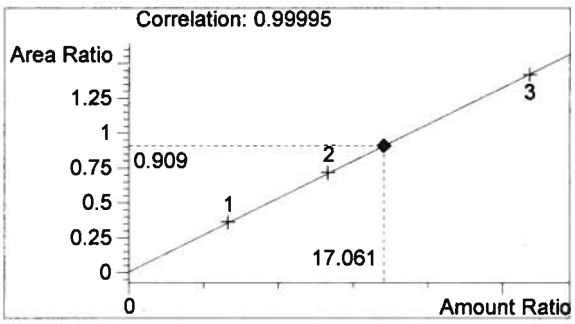
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:16:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 3; 0.20g/100mL

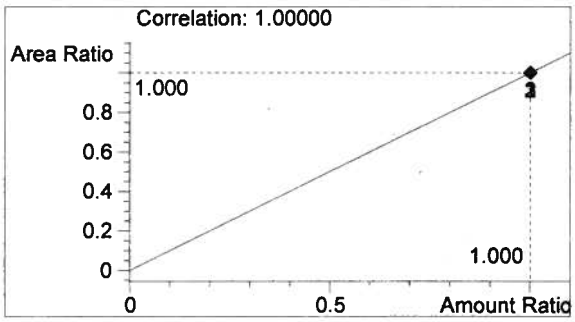
Sample Name: 0.20 CTRL NN
Operator: Naziha Nuwayhid, PhD
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2175	1.041
2	n-Propanol	2393	1.705



Ethanol 0.205 g/100mL



n-Propanol 0.012 g/100mL

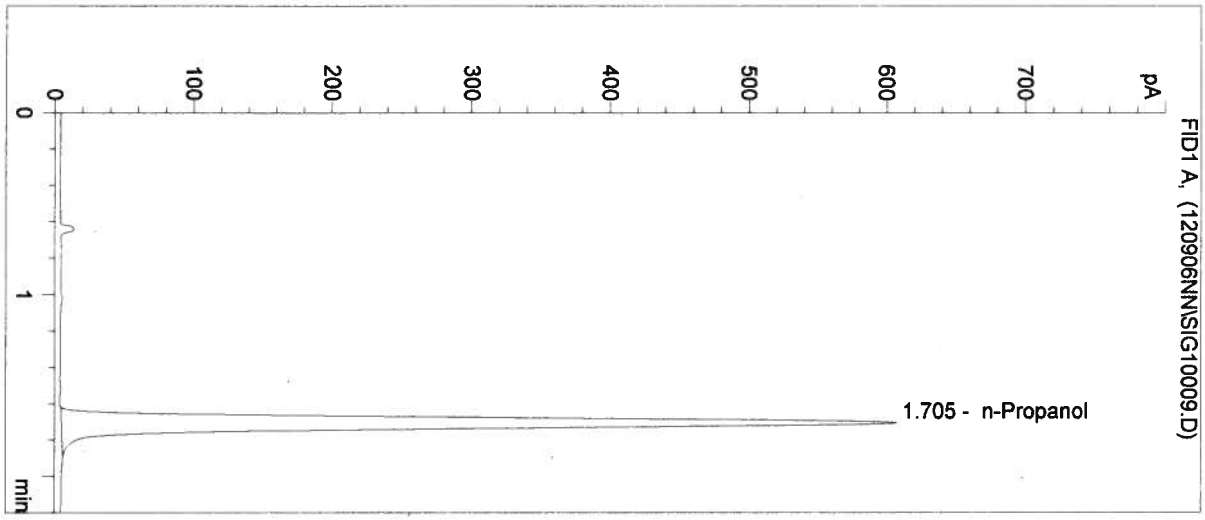
12037

NN

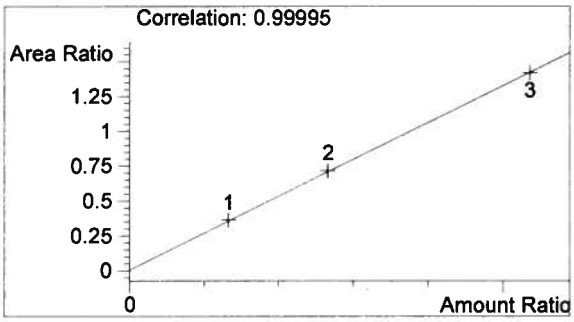
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:19:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

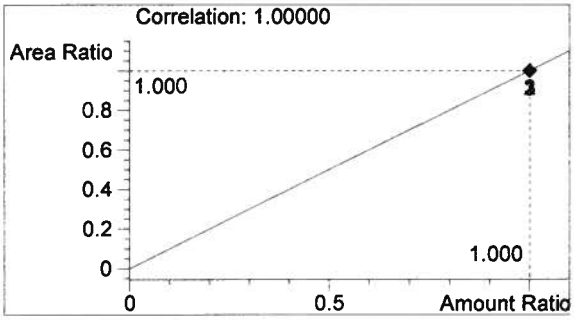
Sample Name: NEG CTRL NN
Operator: Naziha Nuwayhid, PhD
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2390	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12037

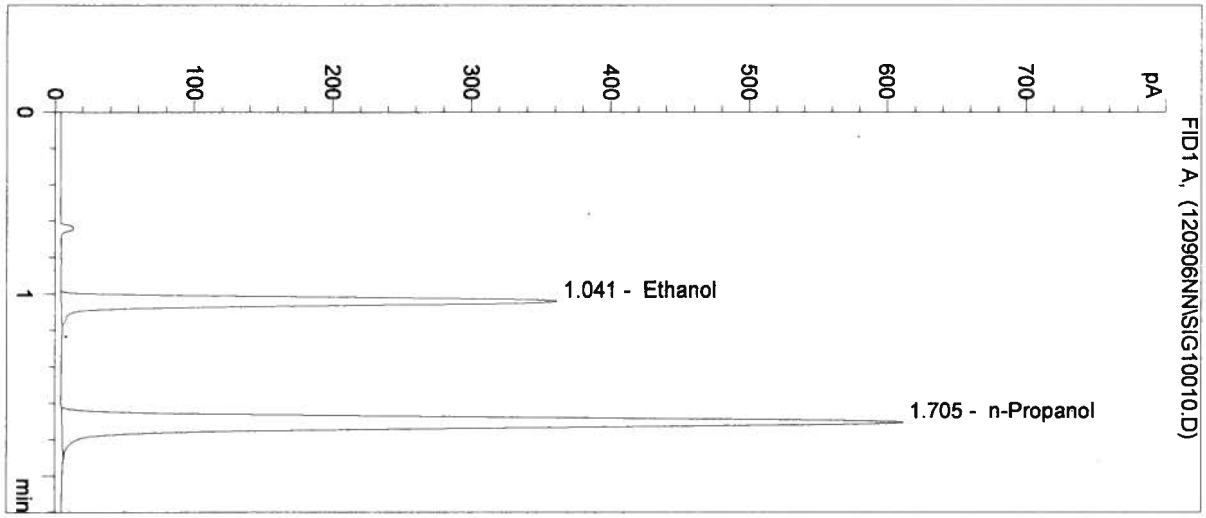
---

pw

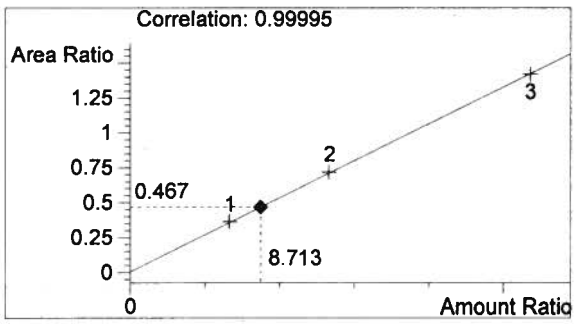
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:22:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

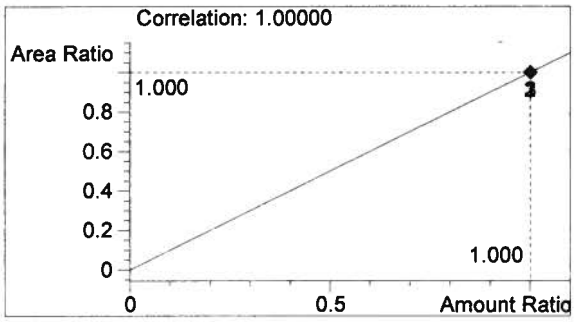
Sample Name: 12037-1
Operator: Naziha Nuwayhid, PhD
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.041
2	n-Propanol	2409	1.705



Ethanol 0.105 g/100mL



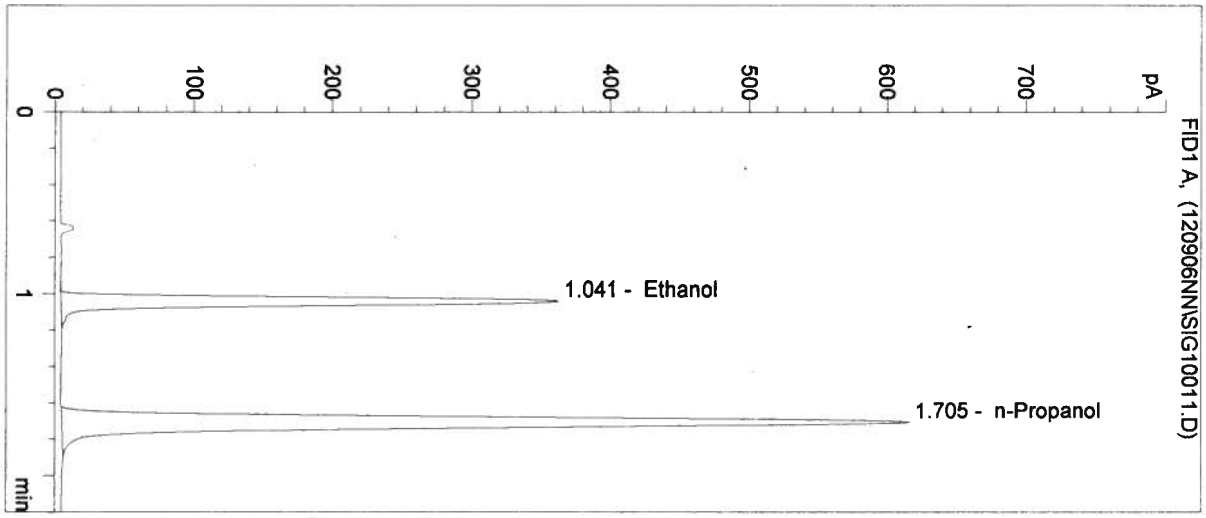
n-Propanol 0.012 g/100mL

NW

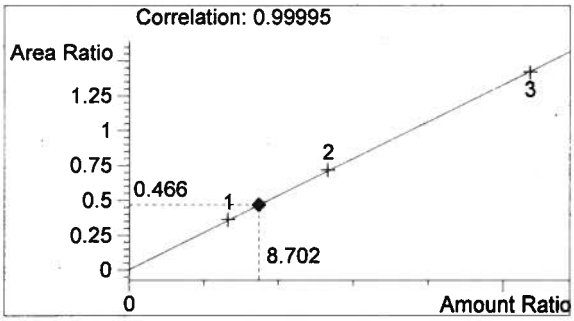
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:25:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

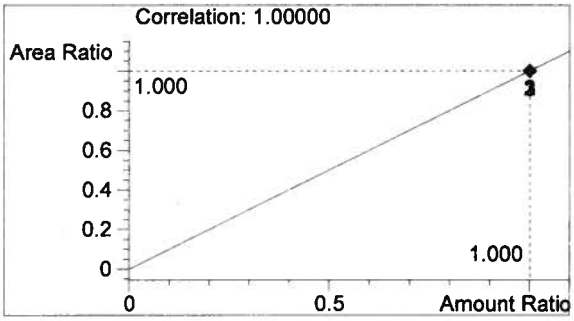
Sample Name: 12037-2
Operator: Naziha Nuwayhid, PhD
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.041
2	n-Propanol	2420	1.705



Ethanol 0.104 g/100mL

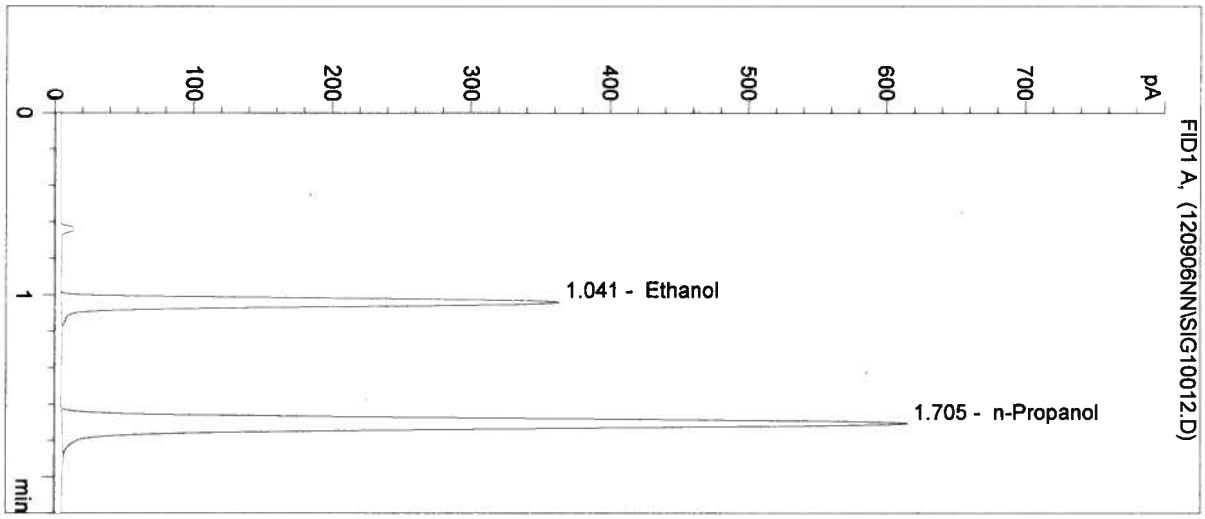


n-Propanol 0.012 g/100mL

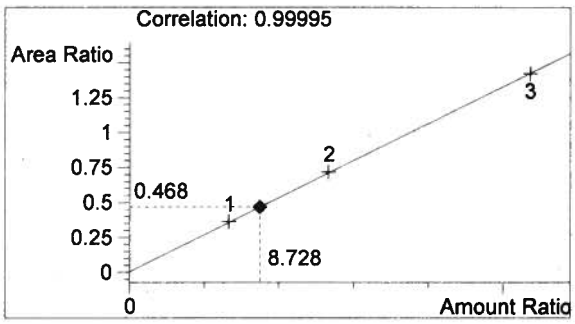
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:28:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

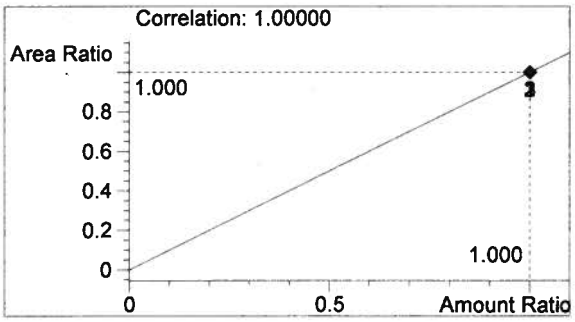
Sample Name: 12037-3
Operator: Naziha Nuwayhid, PhD
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.041
2	n-Propanol	2423	1.705



Ethanol 0.105 g/100mL



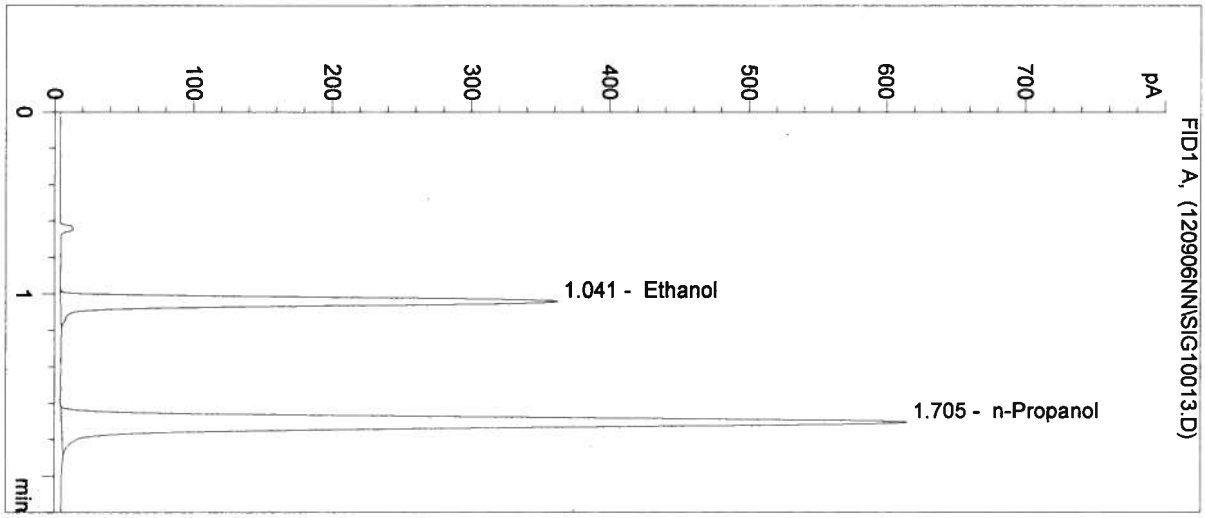
n-Propanol 0.012 g/100mL

NN

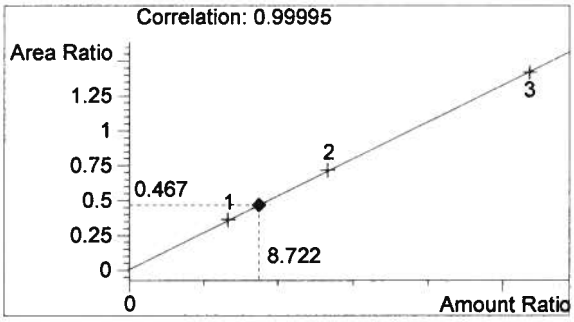
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:31:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

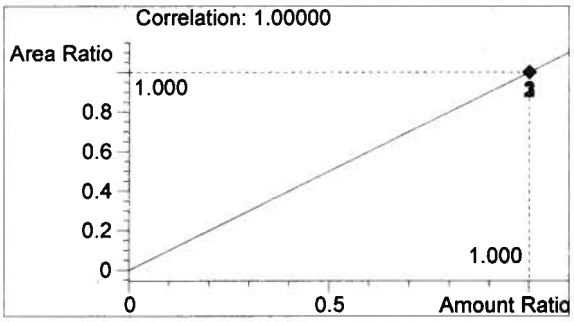
Sample Name: 12037-4
Operator: Naziha Nuwayhid, PhD
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.041
2	n-Propanol	2416	1.705



Ethanol 0.105 g/100mL



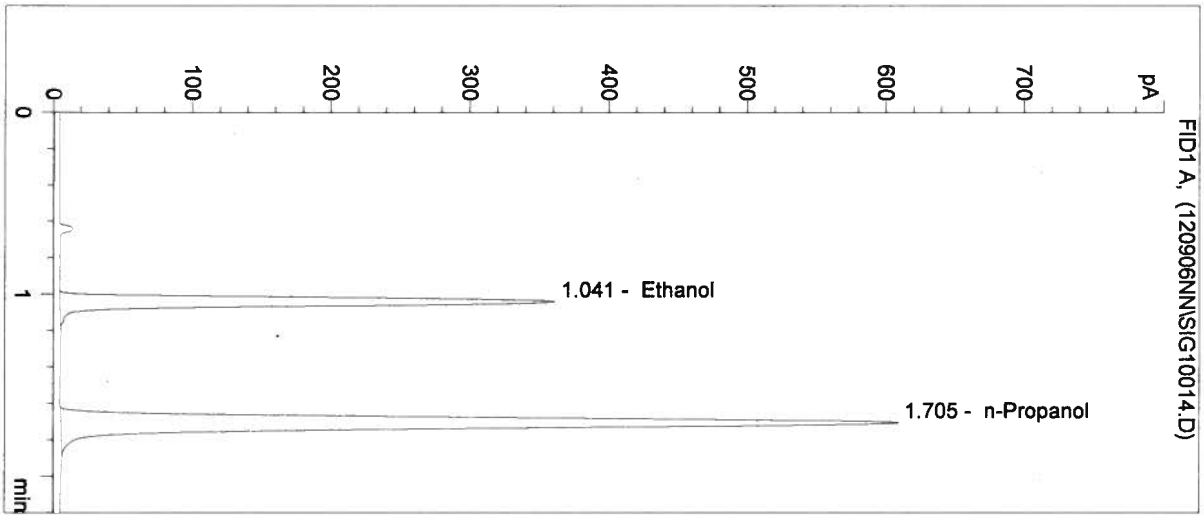
n-Propanol 0.012 g/100mL

NN

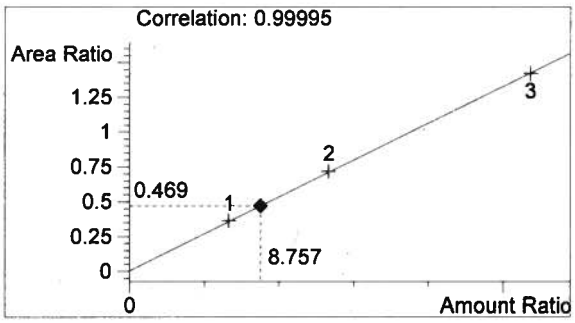
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:34:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

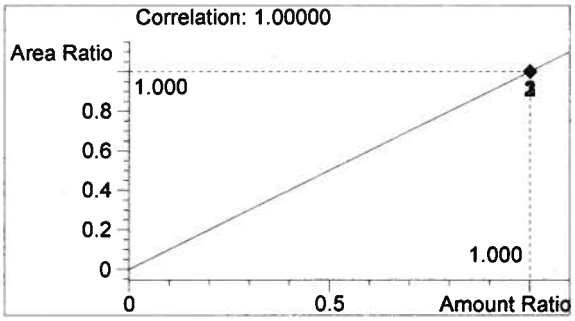
Sample Name: 12037-5
Operator: Naziha Nuwayhid, PhD
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.041
2	n-Propanol	2387	1.705



Ethanol 0.105 g/100mL



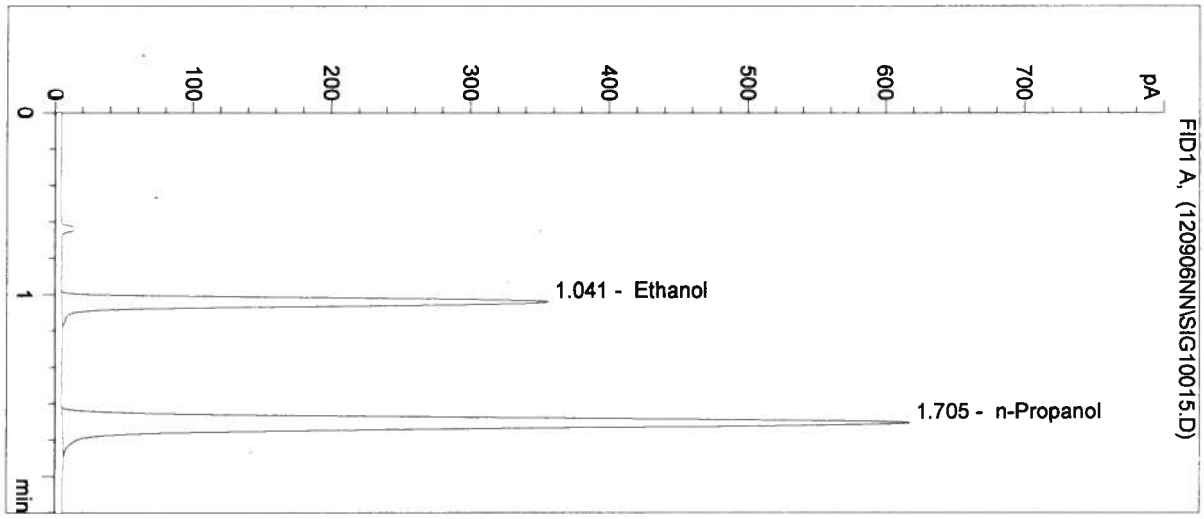
n-Propanol 0.012 g/100mL

MW

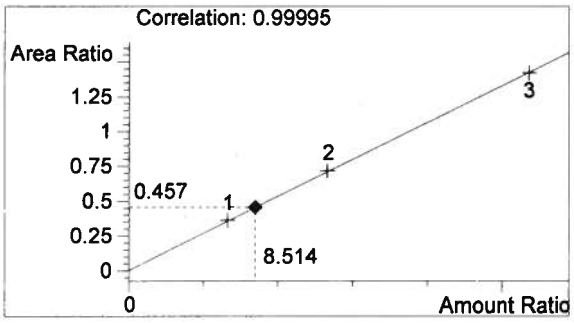
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:37:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL; 0.10g/100mL

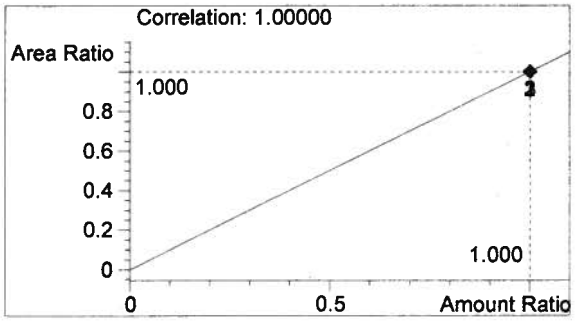
Sample Name: 0.10 CTRL NN
Operator: Naziha Nuwayhid, PhD
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.041
2	n-Propanol	2430	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

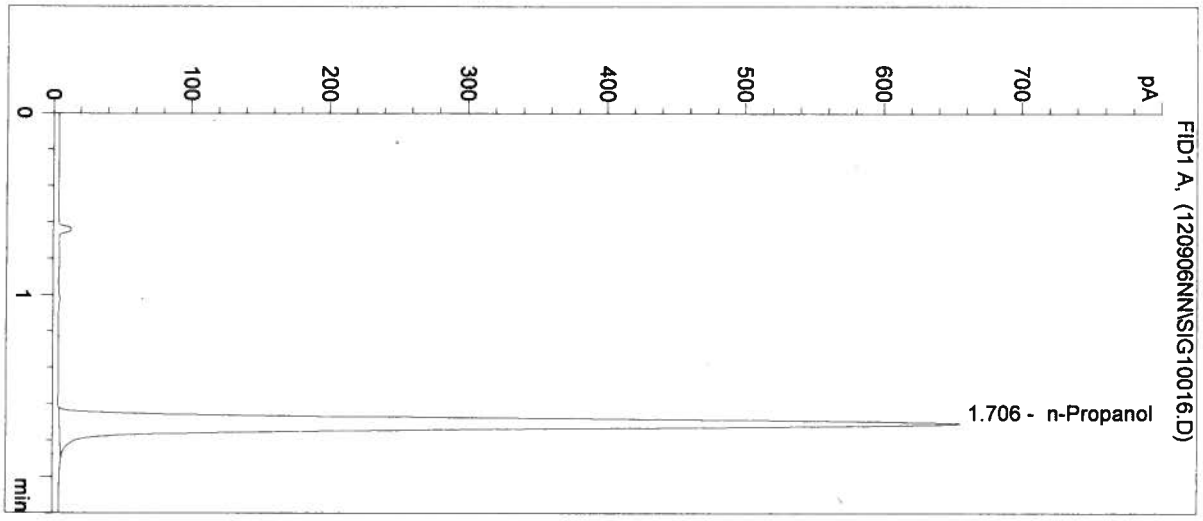
12037

Data File: C:\HPCHEM\1\DATA\120906NN\SIG10015.D

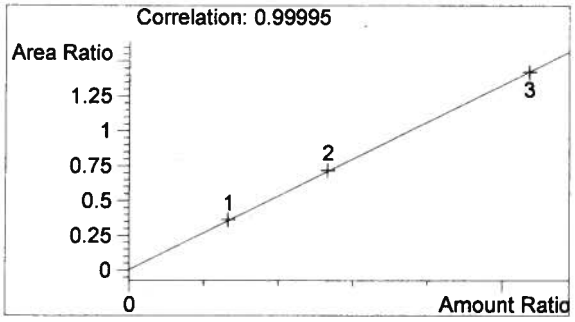
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/6/2012 12:40:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

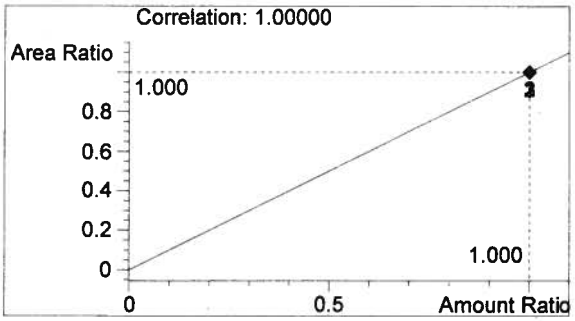
Sample Name: NEG CTRL NN
Operator: Naziha Nuwayhid, PhD
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2575	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12037

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120912CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A077459 exp 02/2015
0.10 Control Lot#A083355 exp 12/2015
0.20 Control Lot#A084657 exp 02/2016

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot#E0612-01 Exp. 9/25/2012
3	Vial 3	Lot#E0612-02 Exp. 9/25/2012
4	Vial 4	Lot#E0612-03 Exp. 9/25/2012
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

= 12037

CM

Sequence: C:\HPCHEM\1\SEQUENCE\CMEXTSTD.S

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	12037 #1	SIMALC1	1	Sample		
11	Vial 11	12037 #2	SIMALC1	1	Sample		
12	Vial 12	12037 #3	SIMALC1	1	Sample		
13	Vial 13	12037 #4	SIMALC1	1	Sample		
14	Vial 14	12037 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12037

CM

Calibration Table

Calib. Data Modified : Wednesday, September 12, 2012 8:44:02 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1	1	7.97000e-2	870.88556	9.15160e-5	1		Ethanol
		2	1.59870e-1	1760.75854	9.07961e-5			
		3	3.21590e-1	3490.89136	9.21226e-5			
1.705	1	1	1.20000e-2	2401.34448	4.99720e-6	I1		n-Propanol
		2	1.20000e-2	2436.82813	4.92443e-6			
		3	1.20000e-2	2443.47876	4.91103e-6			

Peak Sum Table

No Entries in table

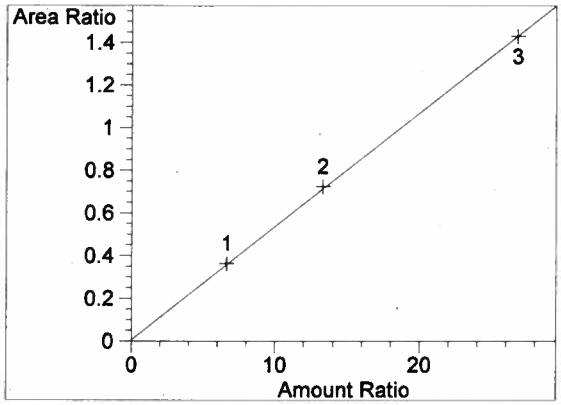
12037

CM

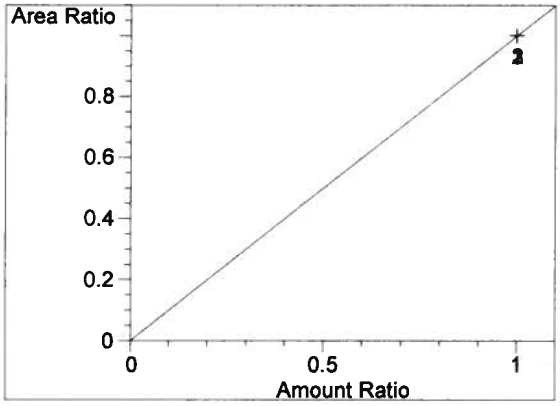
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00759
Formula: y = mx + b
m: 5.32505e-2
b: 5.92831e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

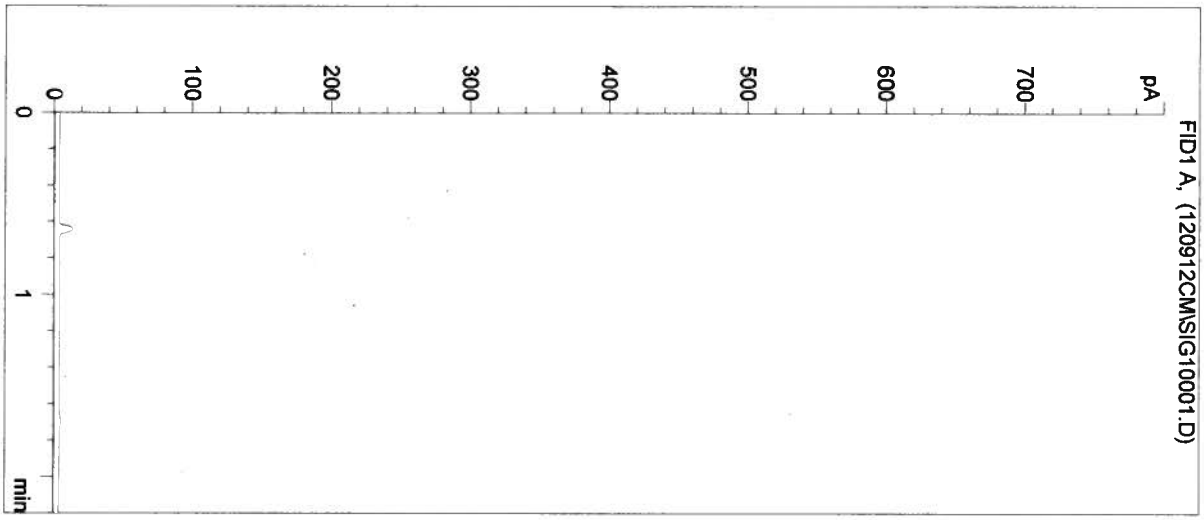
==========

12037

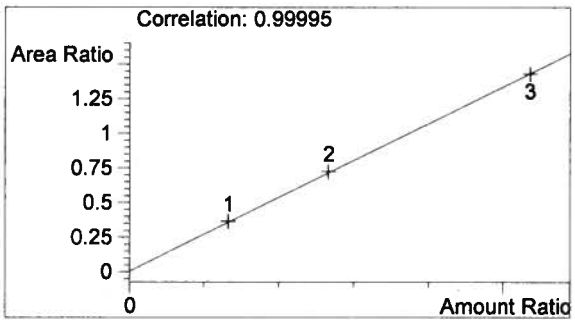
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:32:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

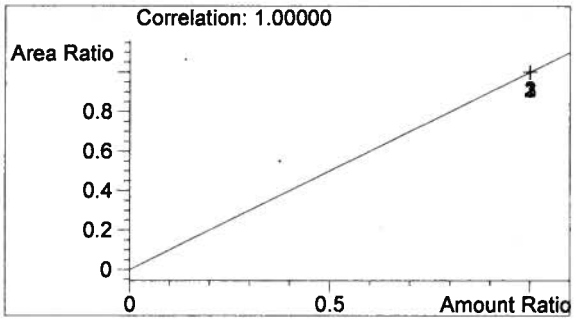
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

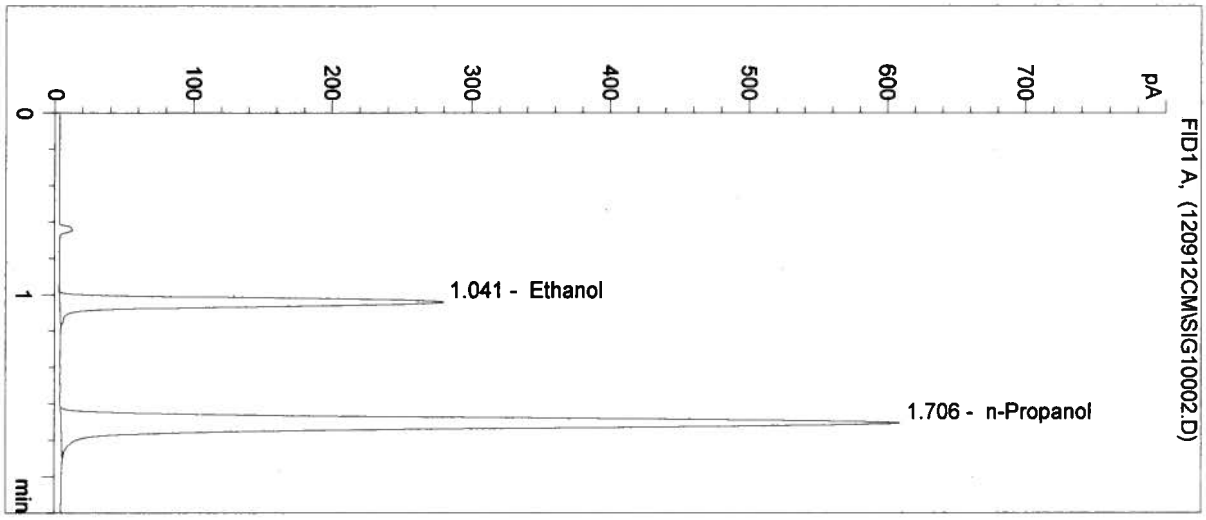
12037

CM

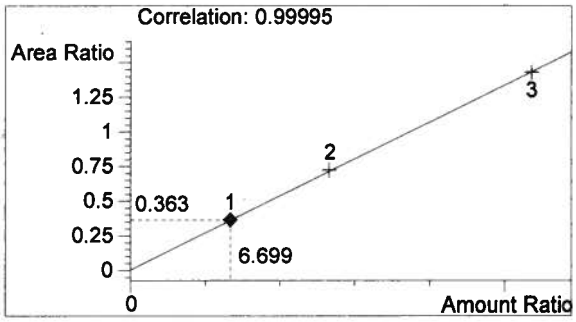
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:35:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Lot#E0612-01 Exp. 9/25/2012

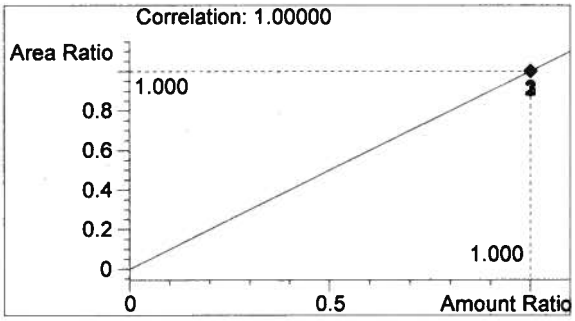
Sample Name: 0.079 CAL 1
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	871	1.041
2	n-Propanol	2401	1.706



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12037

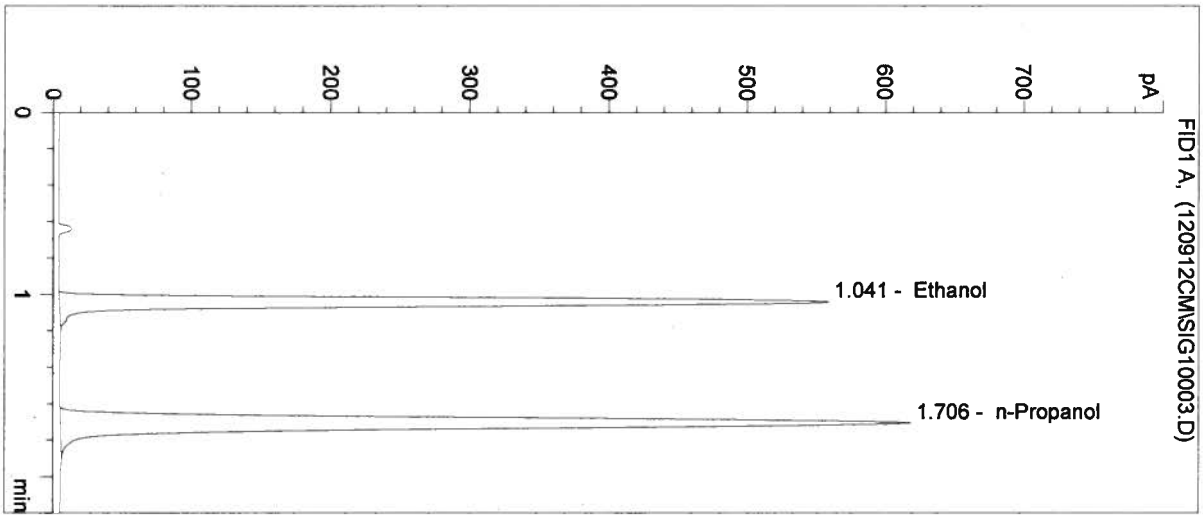
Data File: C:\HPCHEM\1\DATA\120912CM\SIG10002.D

CM

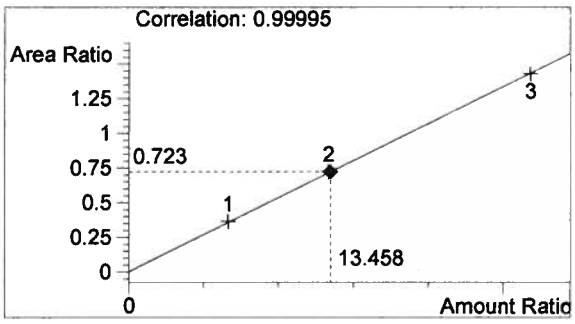
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:38:44 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Lot#E0612-02 Exp. 9/25/2012

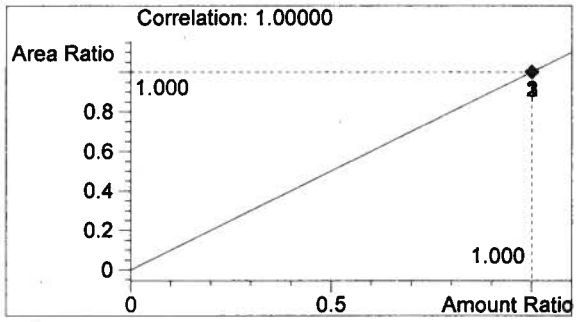
Sample Name: 0.158 CAL 2
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1761	1.041
2	n-Propanol	2437	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

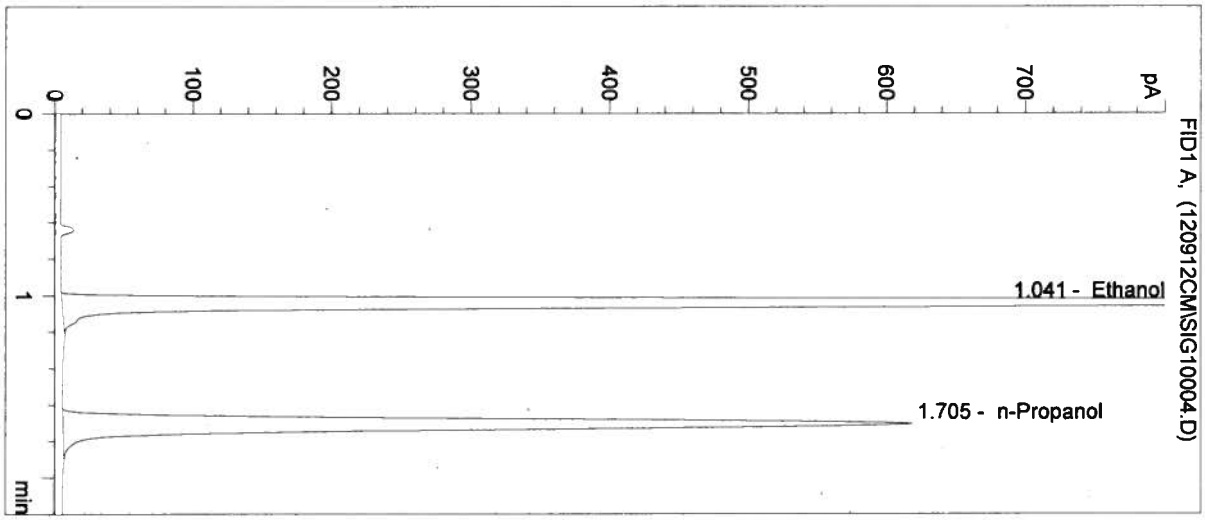
12037

CM

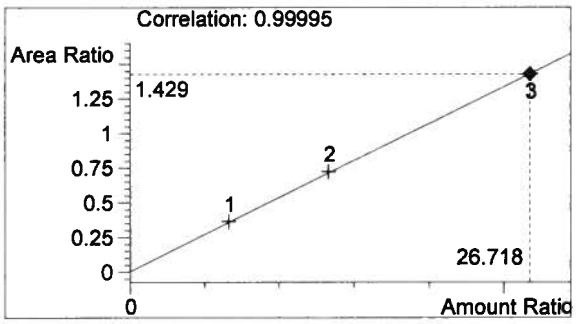
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:41:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Lot#E0612-03 Exp. 9/25/2012

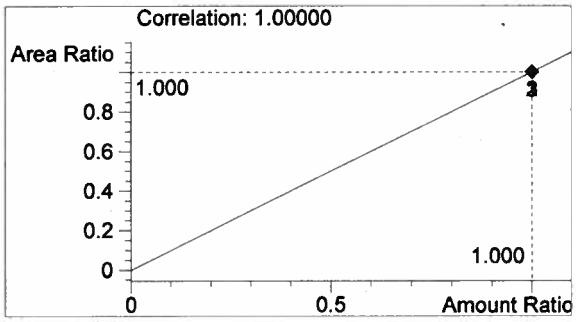
Sample Name: 0.316 CAL 3
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3491	1.041
2	n-Propanol	2443	1.705



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

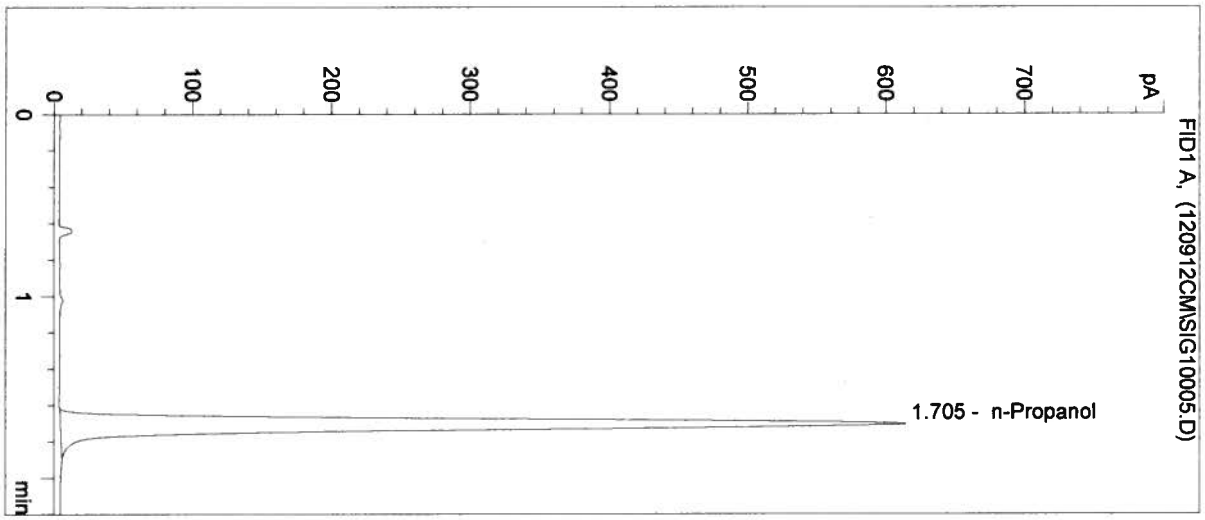
12037

CM

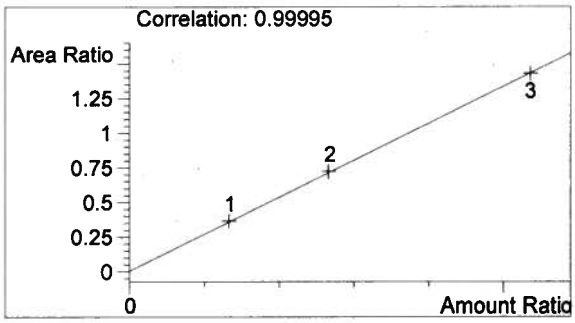
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:44:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

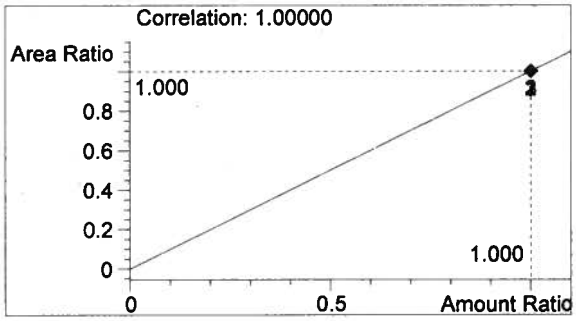
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2427	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

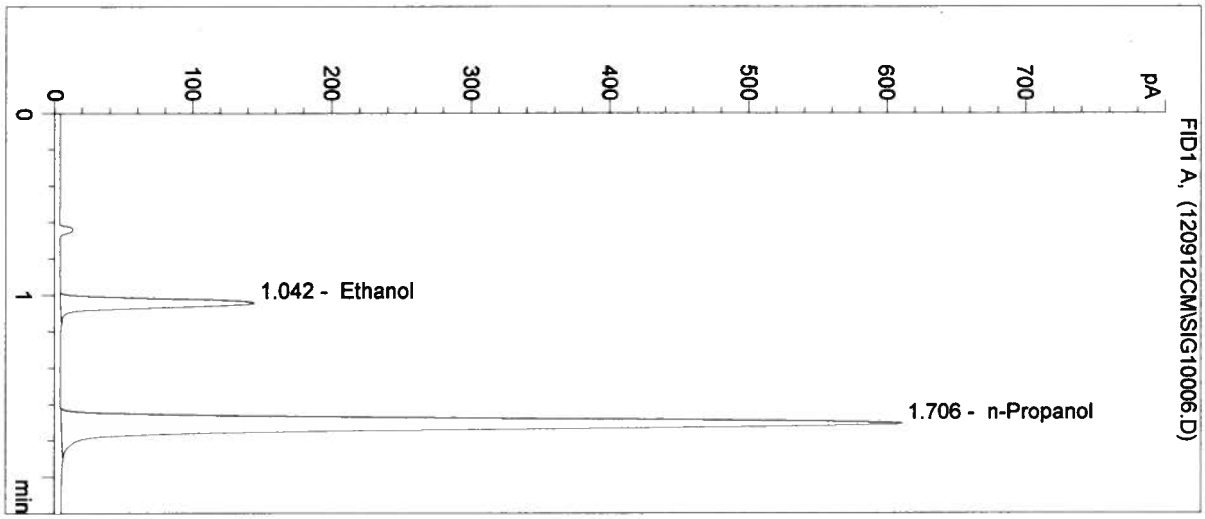
12037

CM

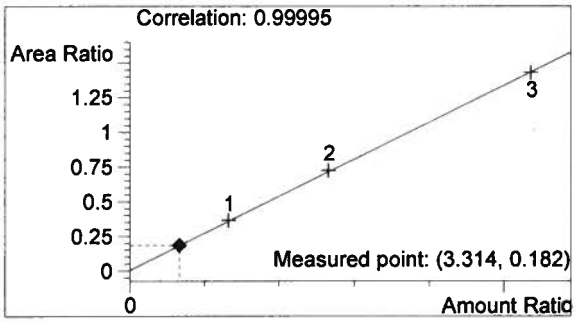
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:47:58 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

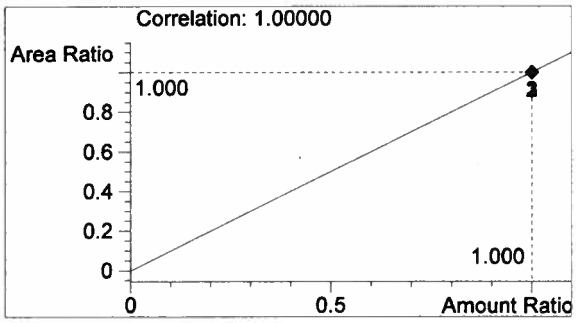
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	441	1.042
2	n-Propanol	2417	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

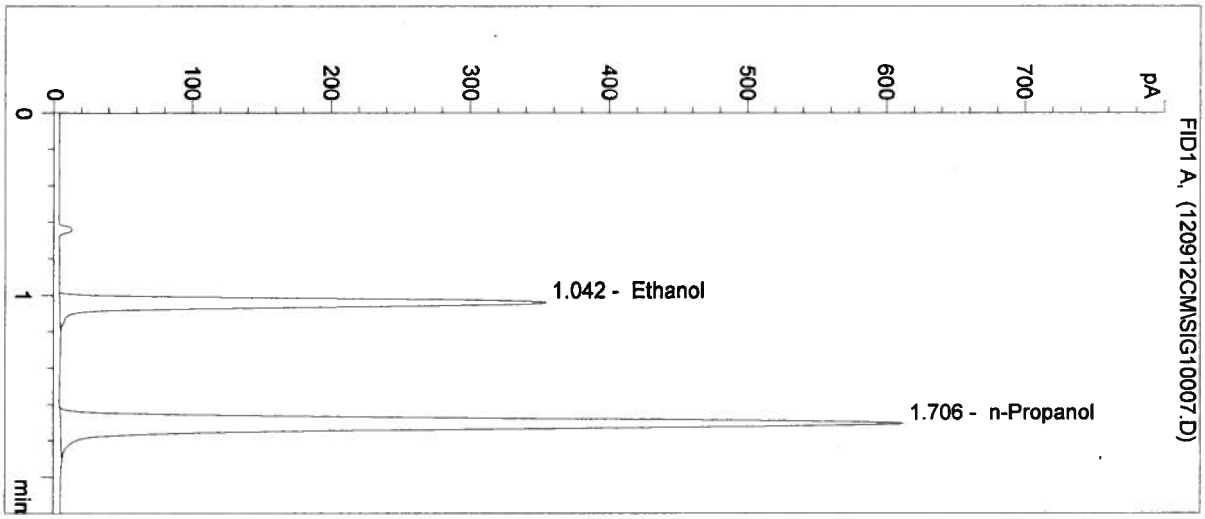
12037

CM

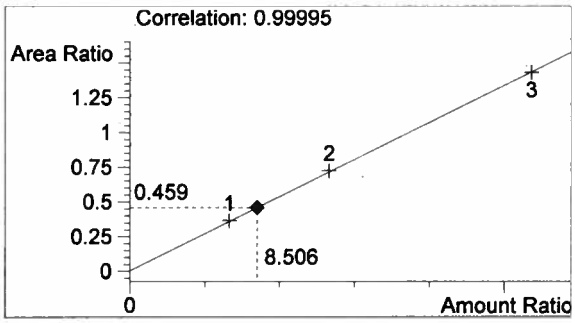
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:51:03 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

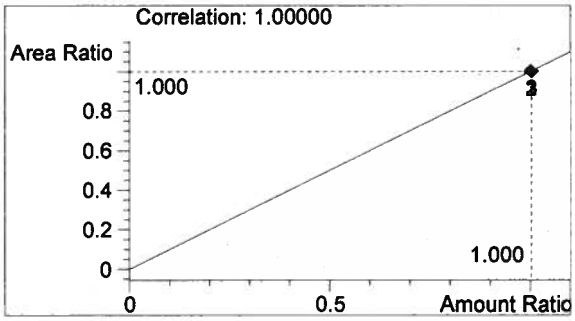
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.042
2	n-Propanol	2418	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

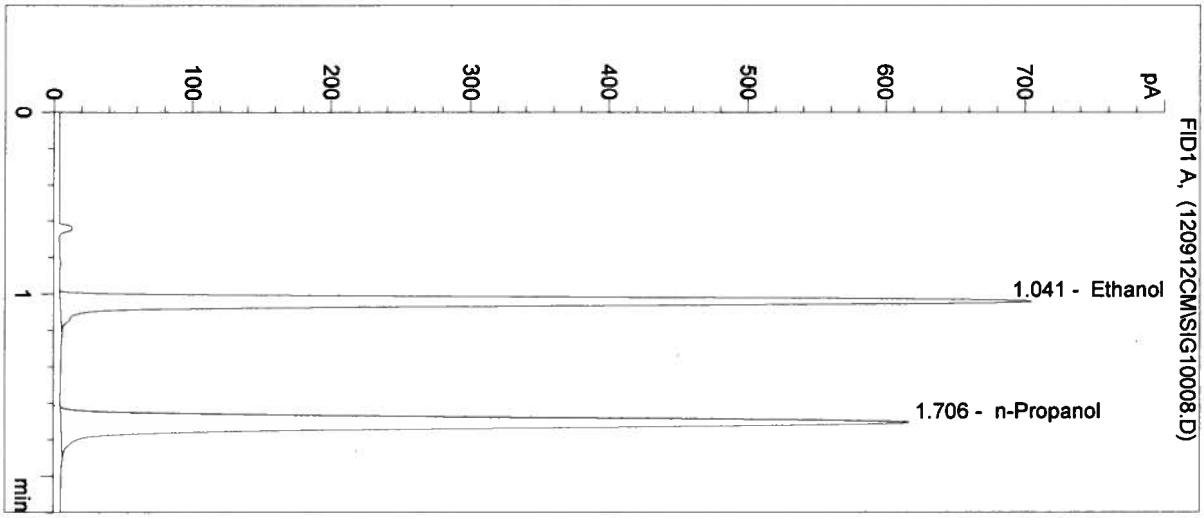
12037

CM

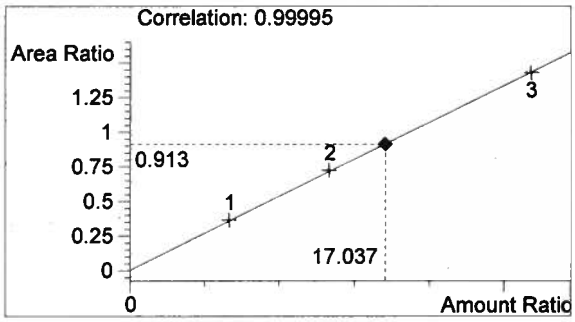
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:54:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

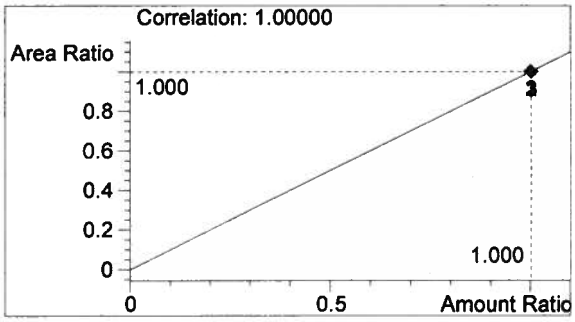
Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2223	1.041
2	n-Propanol	2435	1.706



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

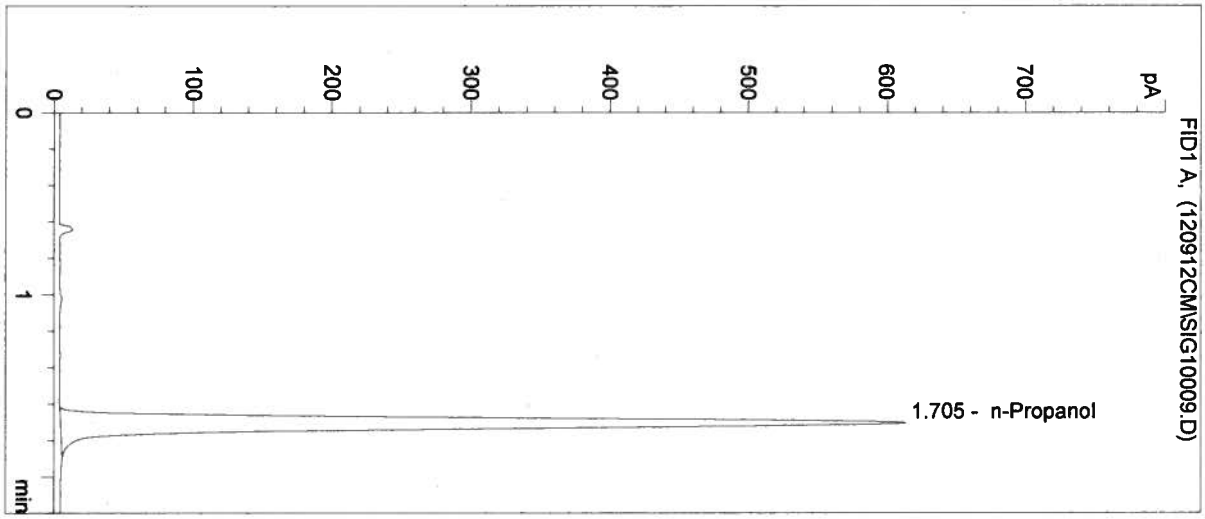
12037

CM

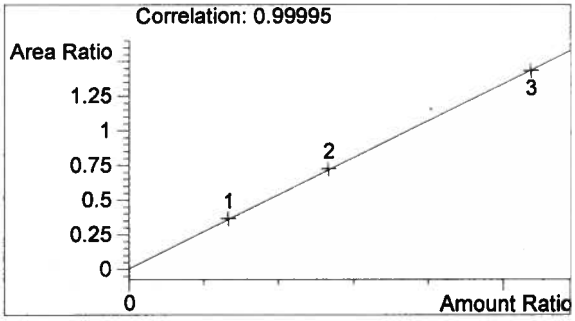
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 8:57:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

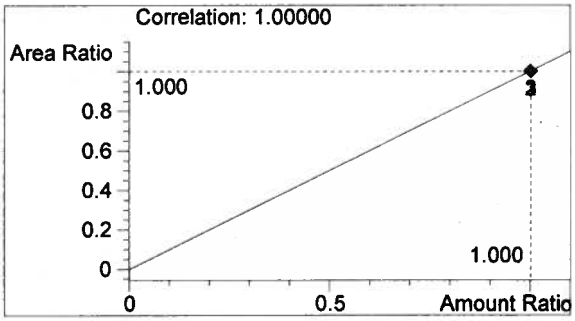
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2420	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

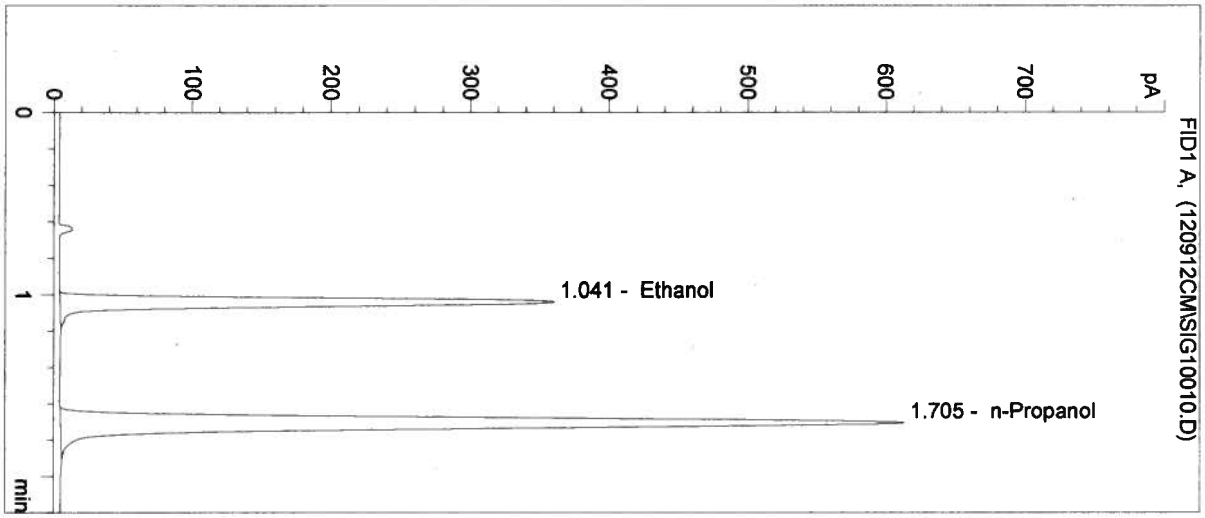
12037

CM

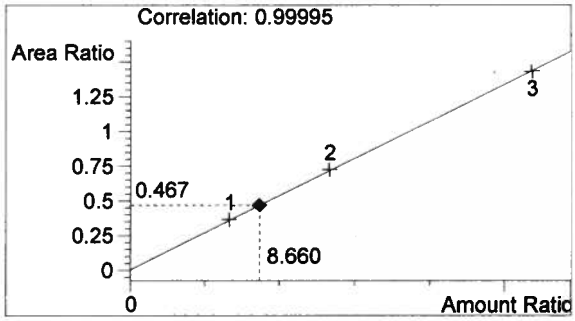
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 9:00:17 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

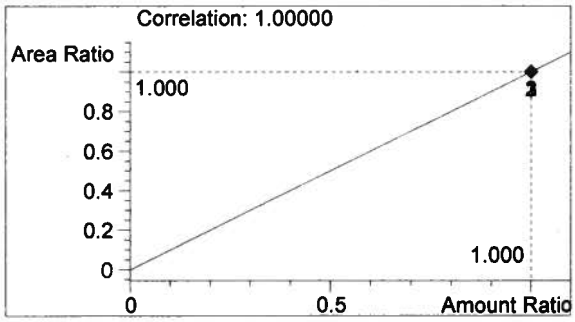
Sample Name: 12037 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.041
2	n-Propanol	2422	1.705



Ethanol 0.104 g/100mL



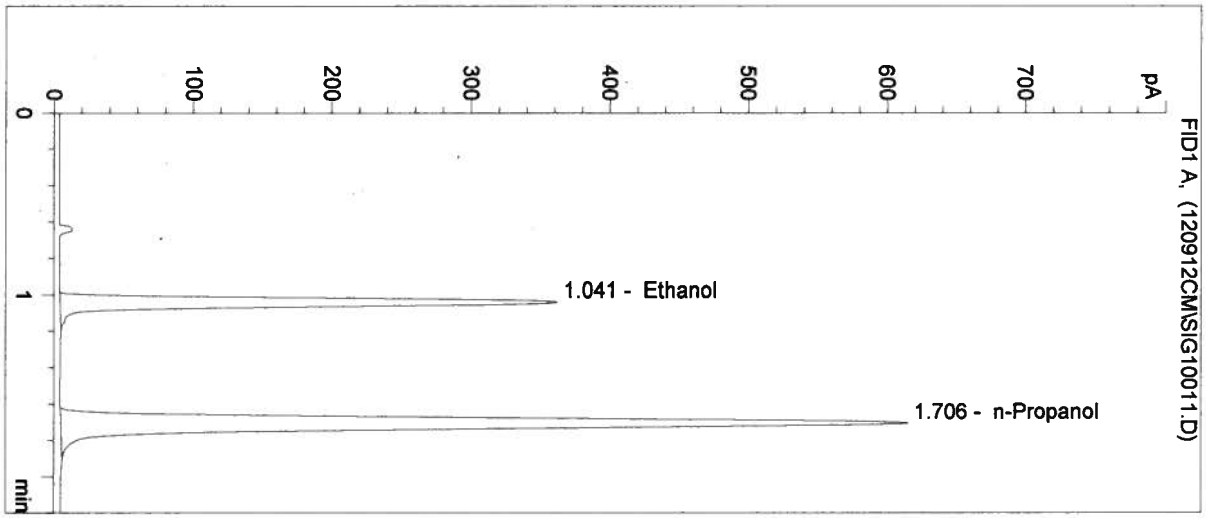
n-Propanol 0.012 g/100mL

CM

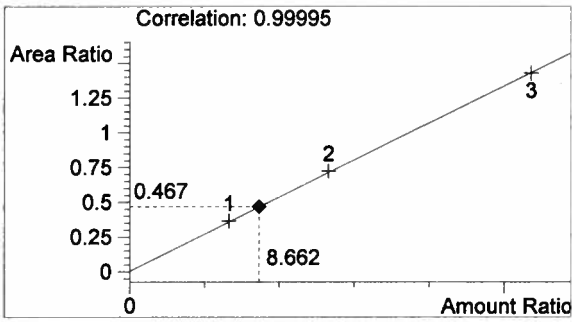
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 9:03:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

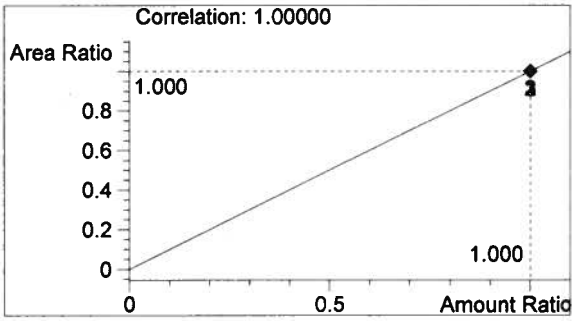
Sample Name: 12037 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1136	1.041
2	n-Propanol	2431	1.706



Ethanol 0.104 g/100mL



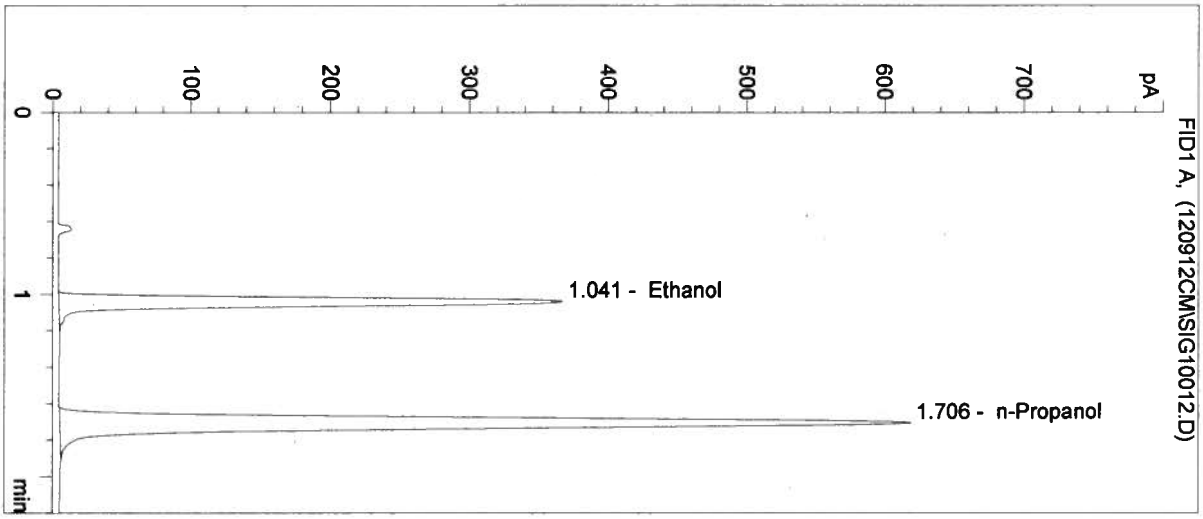
n-Propanol 0.012 g/100mL

CM

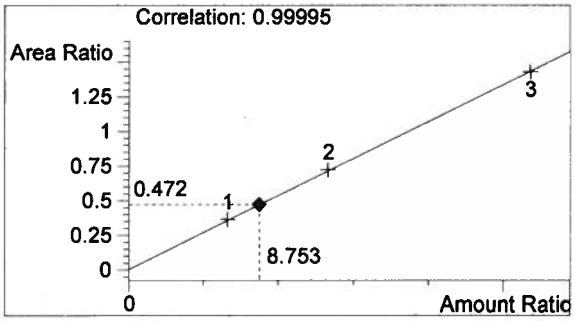
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 9:06:27 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

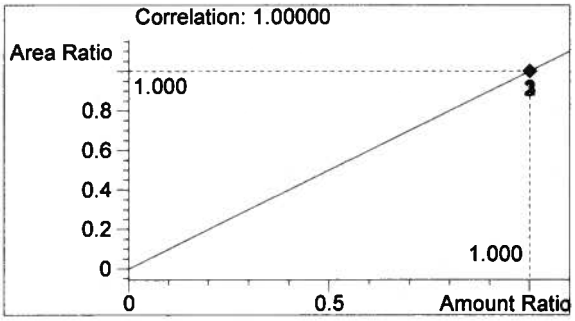
Sample Name: 12037 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1156	1.041
2	n-Propanol	2449	1.706



Ethanol 0.105 g/100mL



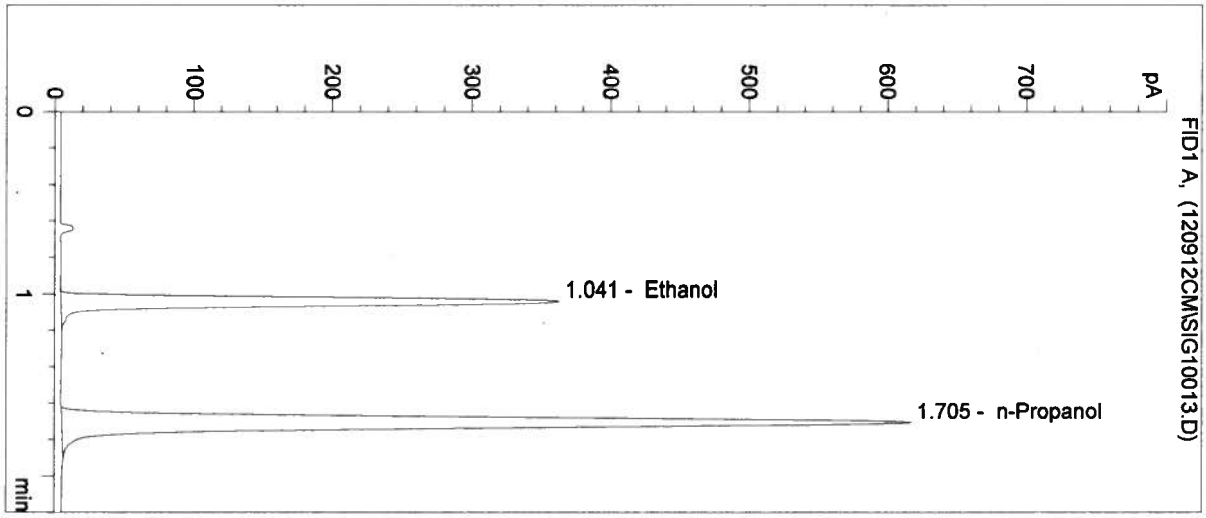
n-Propanol 0.012 g/100mL

CM

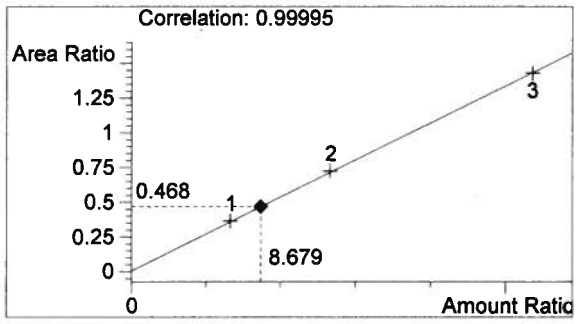
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 9:09:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

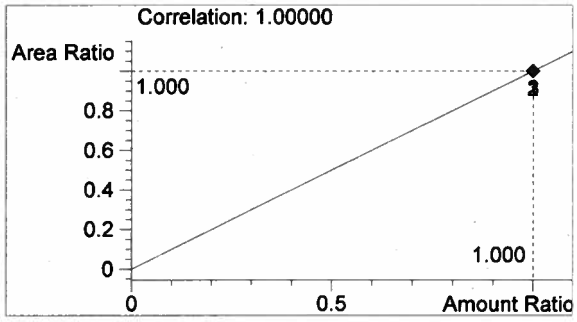
Sample Name: 12037 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.041
2	n-Propanol	2438	1.705



Ethanol 0.104 g/100mL



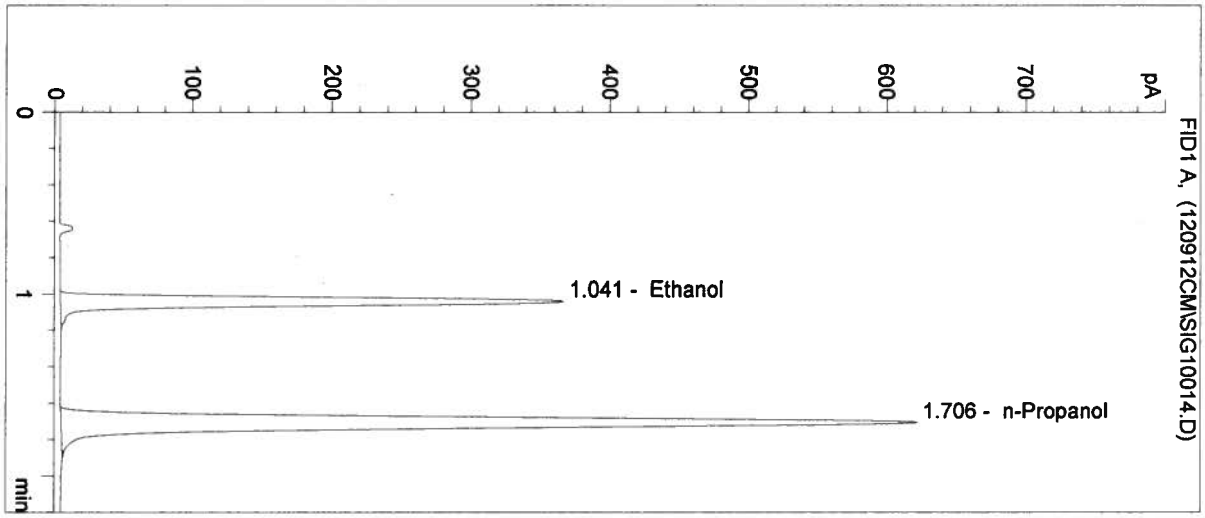
n-Propanol 0.012 g/100mL

CM

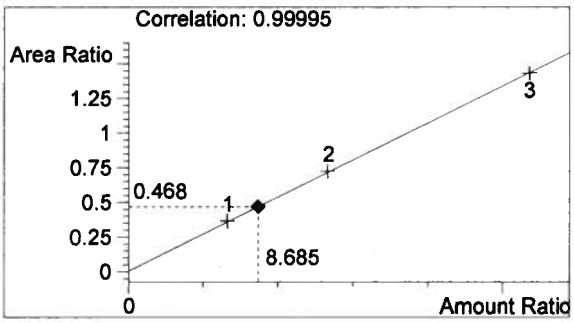
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 9:12:36 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

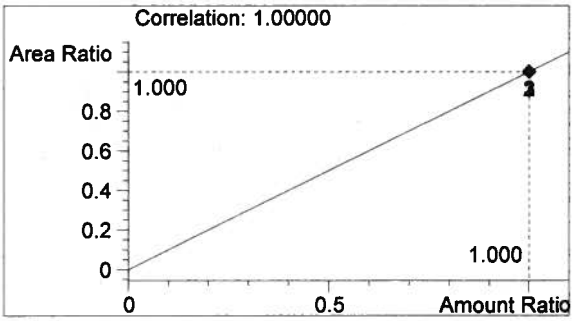
Sample Name: 12037 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1146	1.041
2	n-Propanol	2446	1.706



Ethanol 0.104 g/100mL



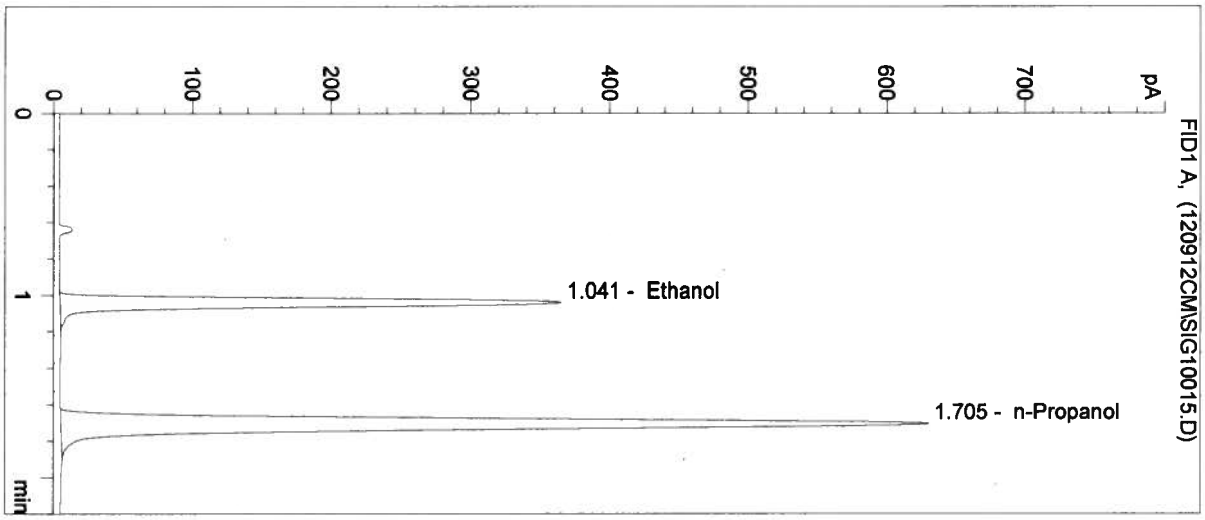
n-Propanol 0.012 g/100mL

CM

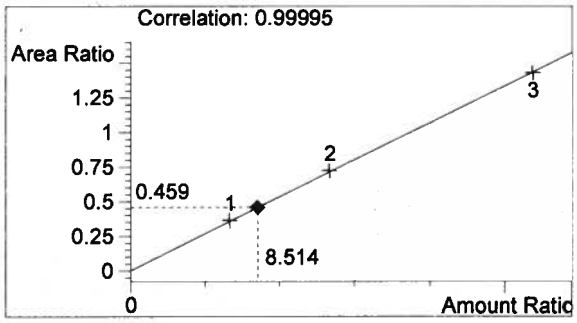
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 9:15:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

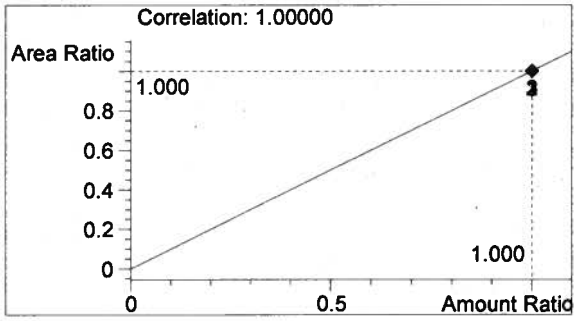
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1138	1.041
2	n-Propanol	2478	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

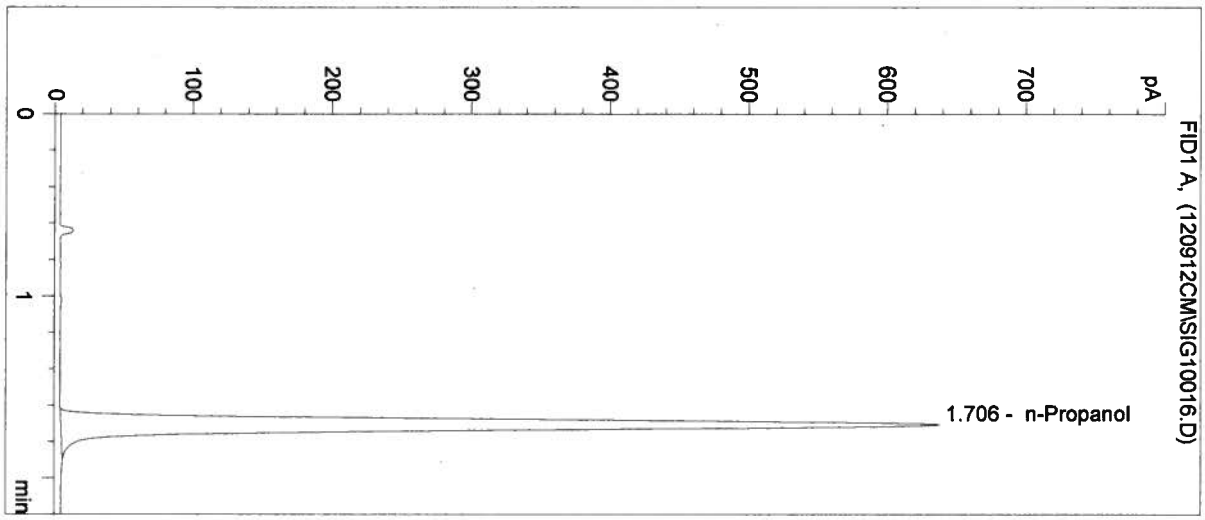
12037

CM

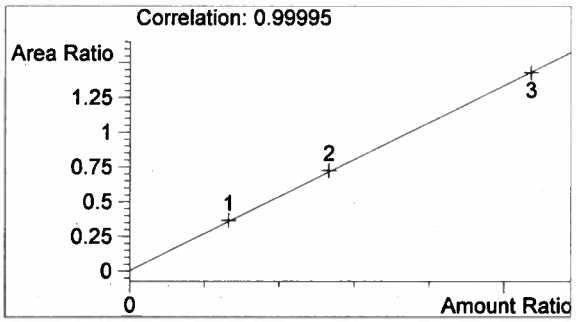
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 9:18:46 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

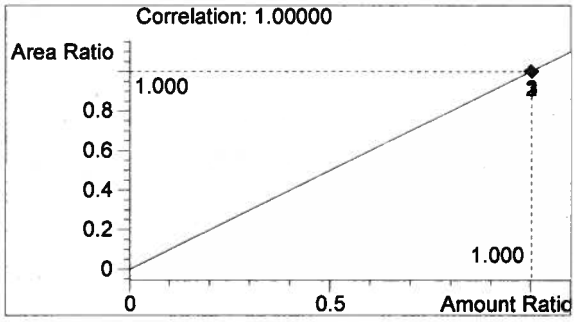
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2518	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12037

CM

Sequence Parameters:

Operator:	Brittany Ball
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120914BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A084657 - Exp. 02/2016

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	0.079 g/100mL Cal 1-Lot#E0612-01-Exp. 9/25/2012
3	Vial 3	0.158 g/100mL Cal 2-Lot#E0612-02-Exp. 9/25/2012
4	Vial 4	0.316 g/100mL Cal 3-Lot#E0612-03-Exp. 9/25/2012
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

12037

BB

120914BB

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	12037-1	SIMALC1	1	Sample		
11	Vial 11	12037-2	SIMALC1	1	Sample		
12	Vial 12	12037-3	SIMALC1	1	Sample		
13	Vial 13	12037-4	SIMALC1	1	Sample		
14	Vial 14	12037-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12037

120914BB

Calibration Table

Calib. Data Modified : Friday, September 14, 2012 8:05:40 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.97000e-2	868.12238	9.18073e-5	1		Ethanol
		2	1.59870e-1	1731.67761	9.23209e-5			
		3	3.21590e-1	3455.33667	9.30705e-5			
1.707	1	1	1.20000e-2	2391.71924	5.01731e-6	I1		n-Propanol
		2	1.20000e-2	2385.70996	5.02995e-6			
		3	1.20000e-2	2392.23877	5.01622e-6			

Peak Sum Table

No Entries in table

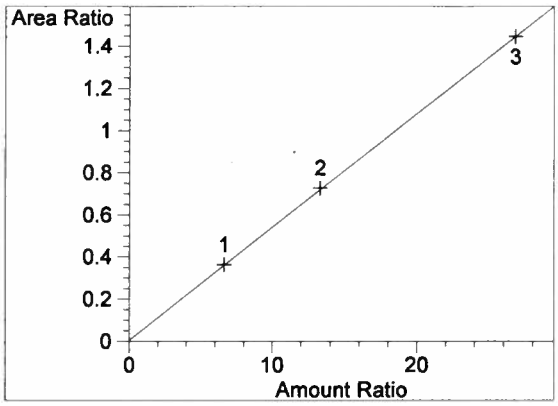
12037

120914BB

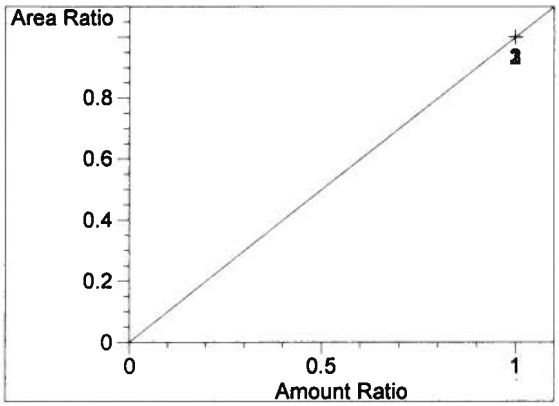
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00472
Formula: y = mx + b
m: 5.38651e-2
b: 3.57629e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.707
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

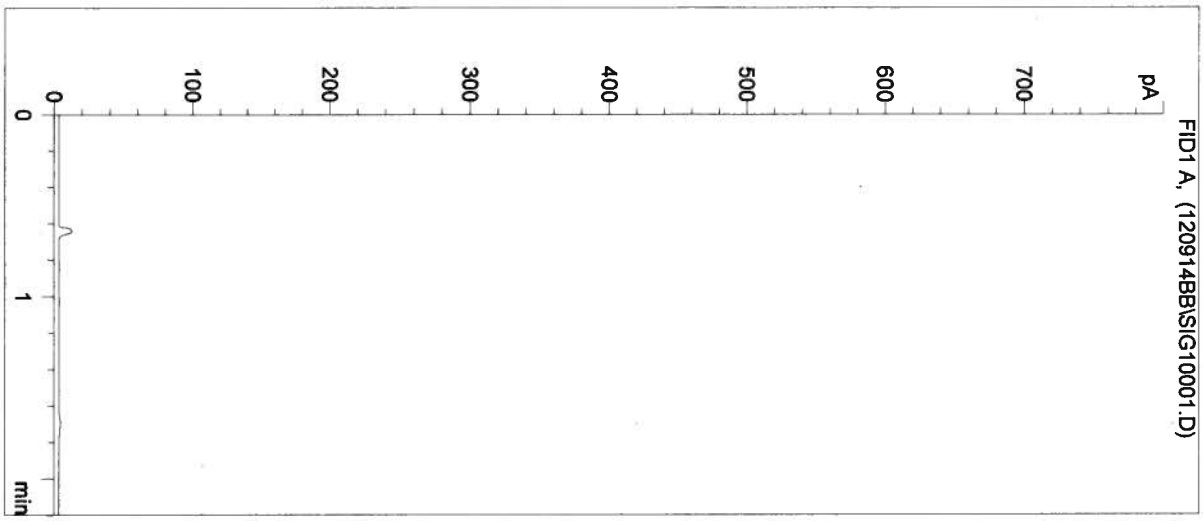
12037

BB

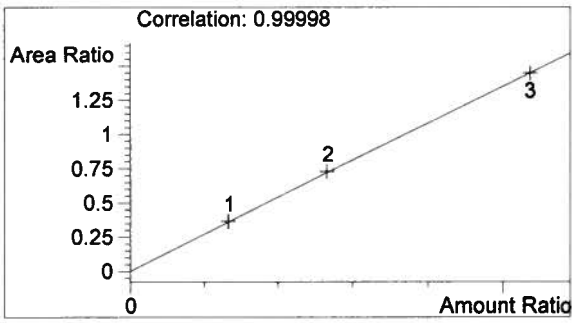
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 7:54:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

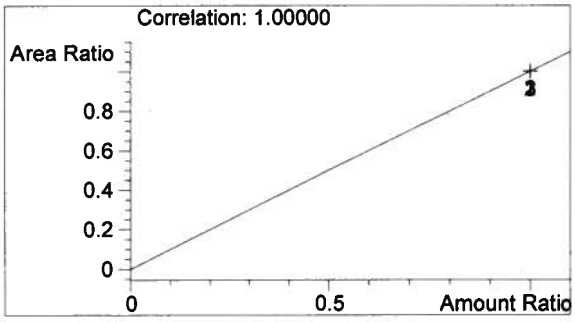
Sample Name: BLANK
Operator: Brittany Ball
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

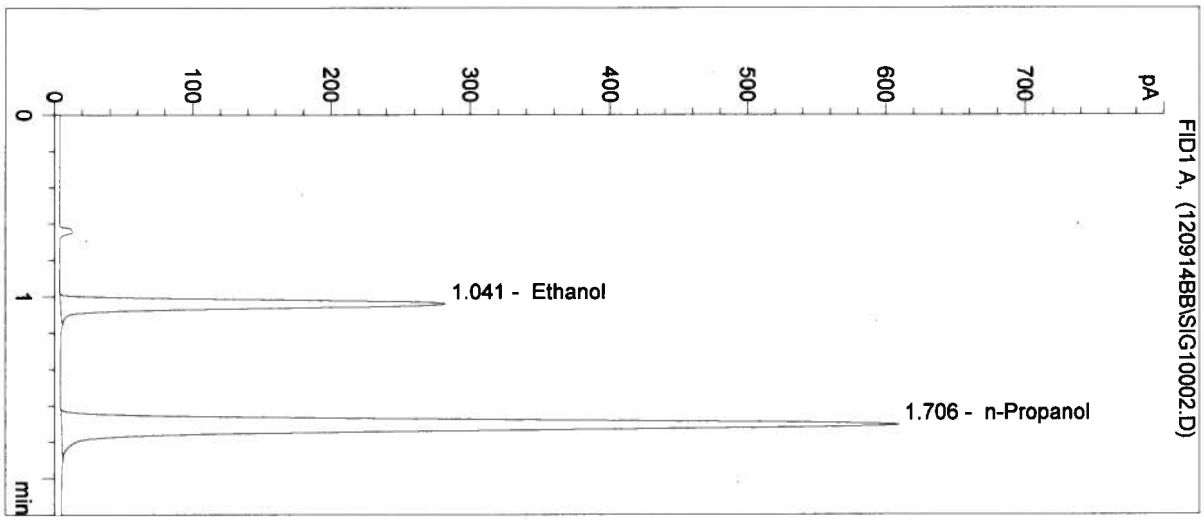
12037

BB

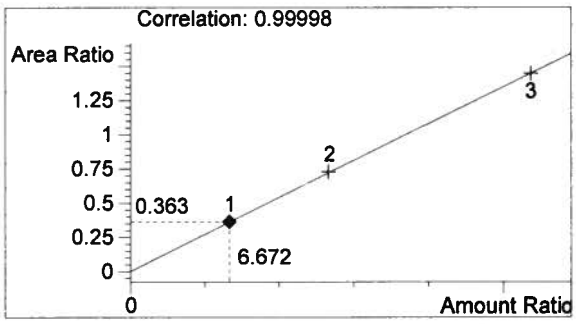
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 7:57:17 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.079 g/100mL Cal 1-Lot#E0612-01-Exp. 9/25/2012

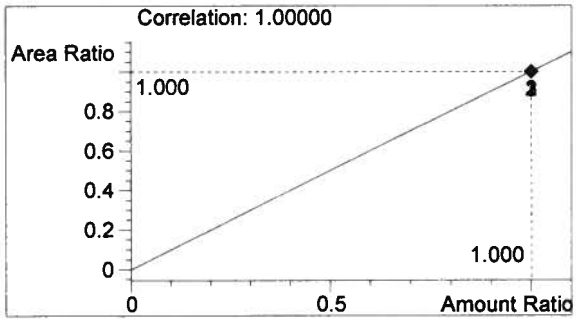
Sample Name: 0.079 CAL
Operator: Brittany Ball
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	868	1.041
2	n-Propanol	2392	1.706



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

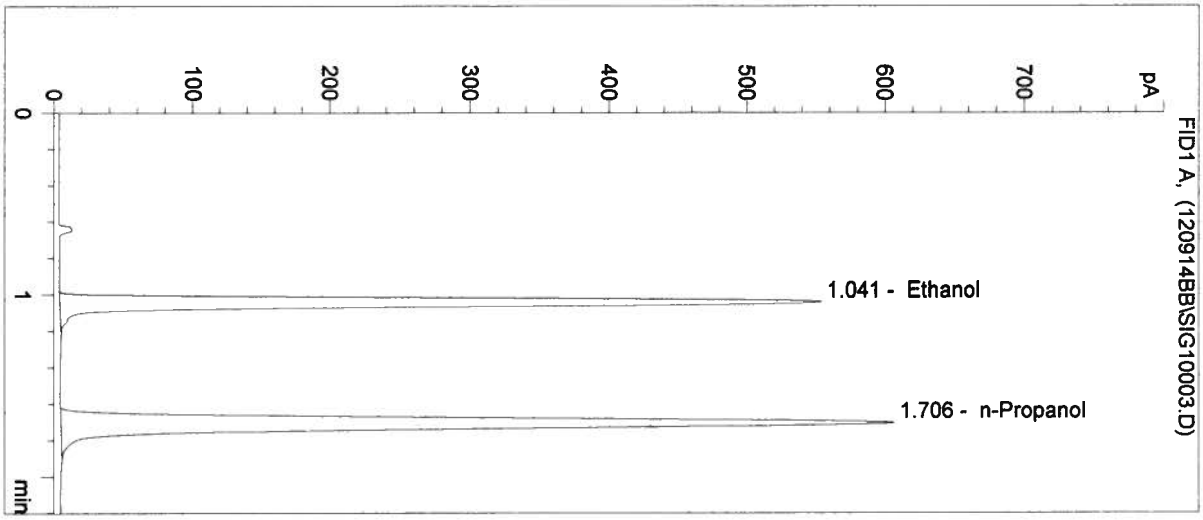
12037

BB

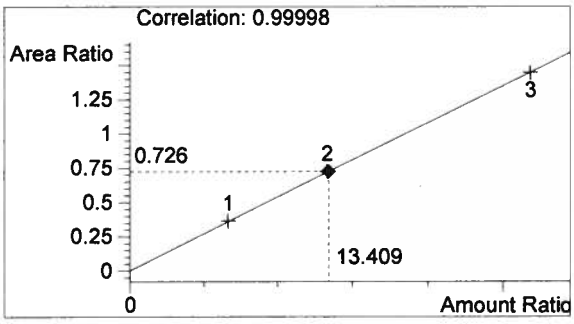
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:00:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.158 g/100mL Cal 2-Lot#E0612-02-Exp. 9/25/2012

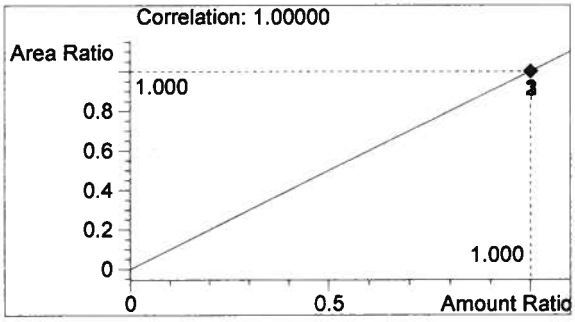
Sample Name: 0.158 CAL
Operator: Brittany Ball
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1732	1.041
2	n-Propanol	2386	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

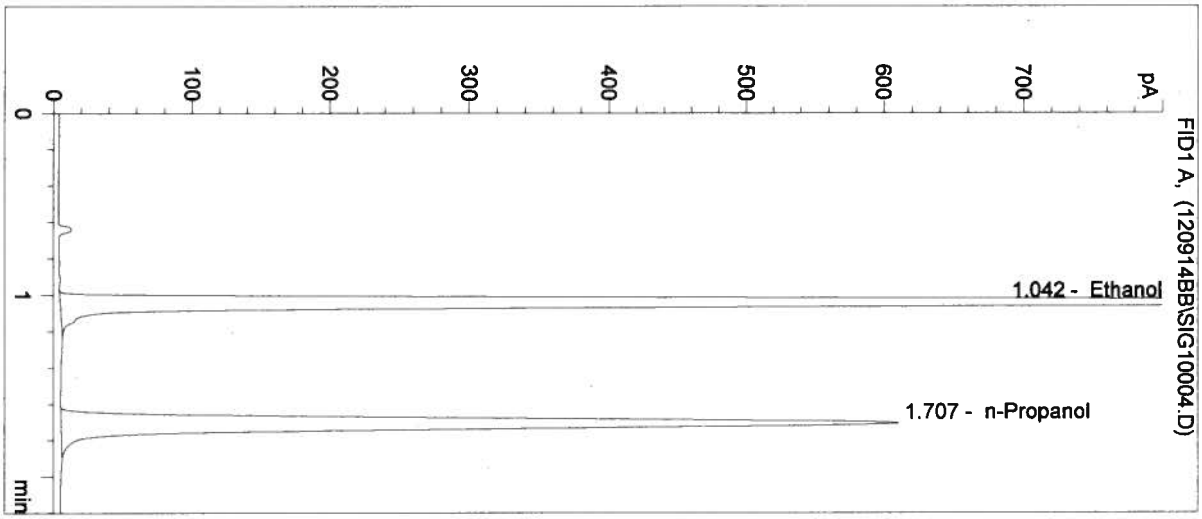
12037

BD

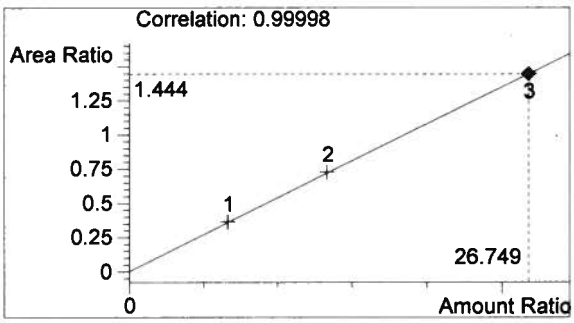
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:03:26 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.316 g/100mL Cal 3-Lot#E0612-03-Exp. 9/25/2012

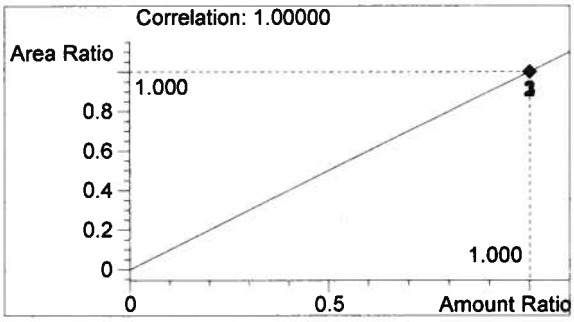
Sample Name: 0.316 CAL
Operator: Brittany Ball
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3455	1.042
2	n-Propanol	2392	1.707



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

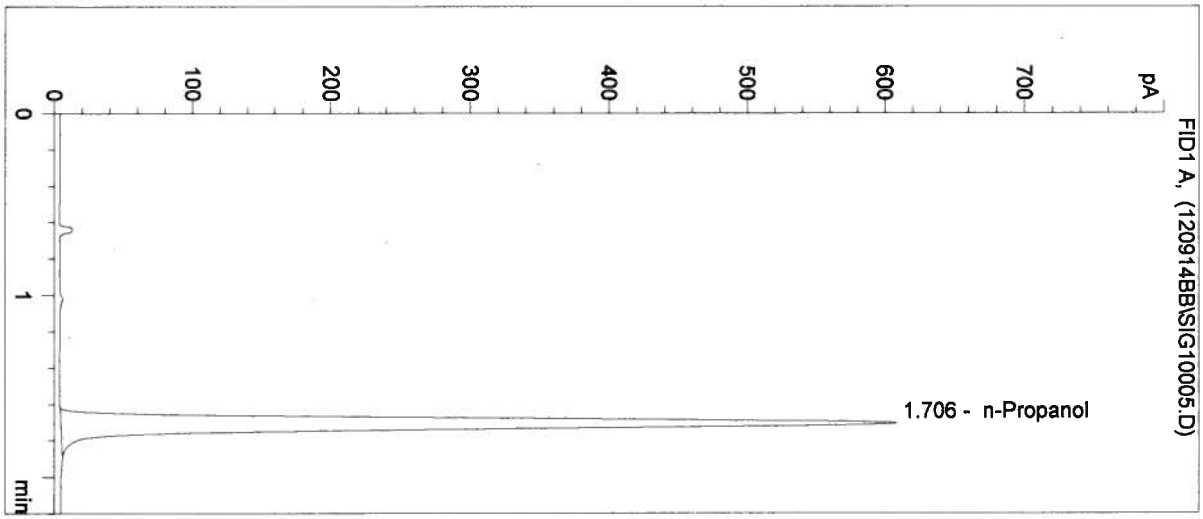
12037

BB

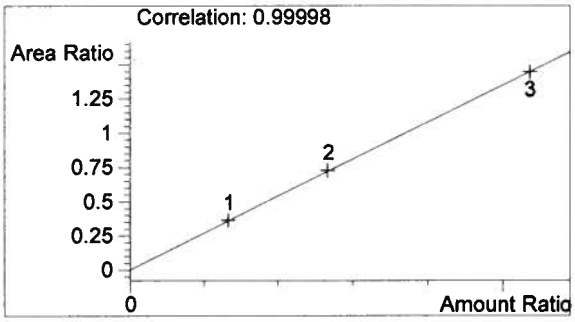
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:06:31 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

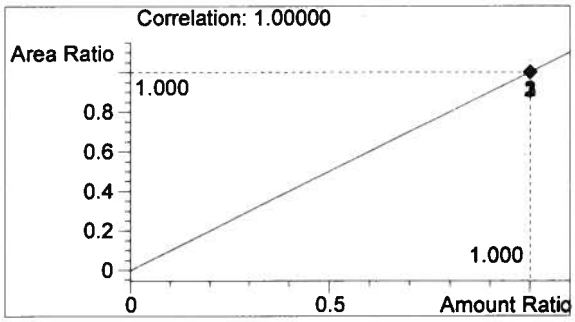
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2392	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

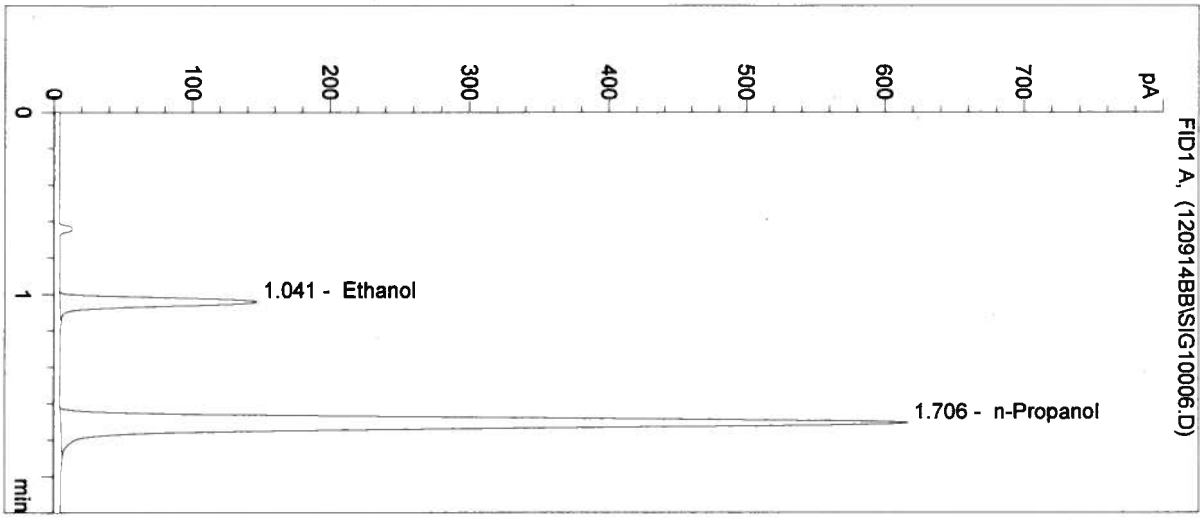
12037

BB

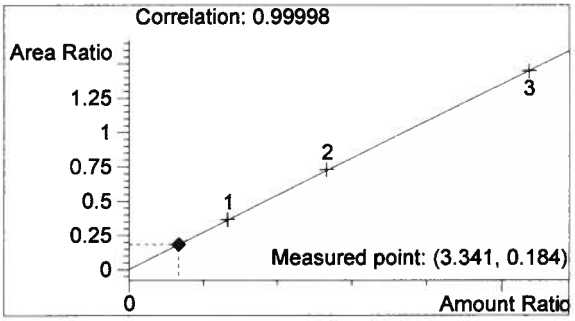
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:09:36 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

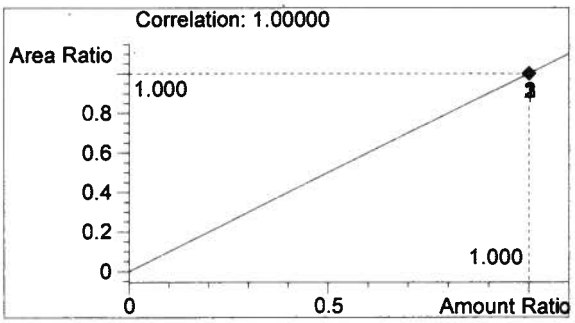
Sample Name: 0.04 CTRL BB
Operator: Brittany Ball
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	444	1.041
2	n-Propanol	2422	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

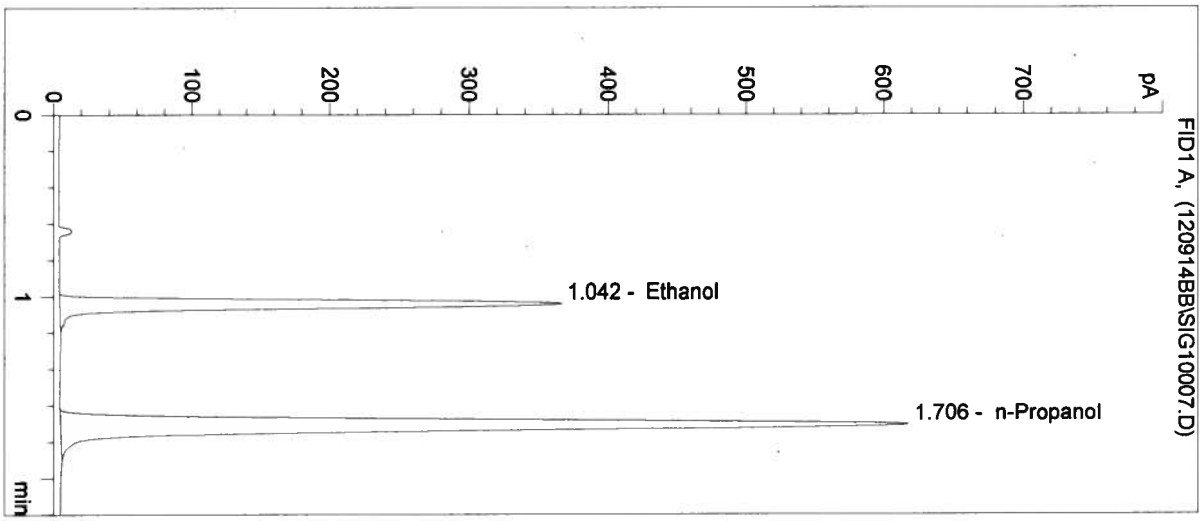
12037

BB

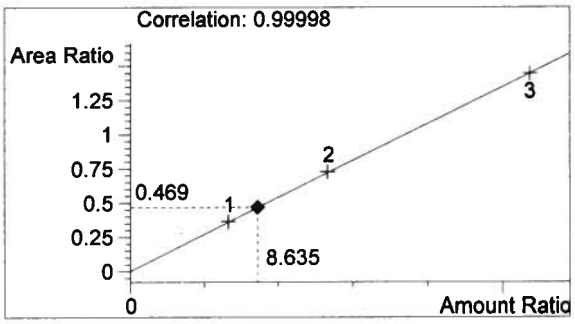
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:12:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

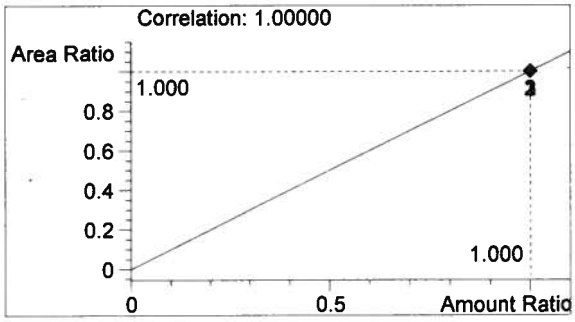
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1138	1.042
2	n-Propanol	2429	1.706



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

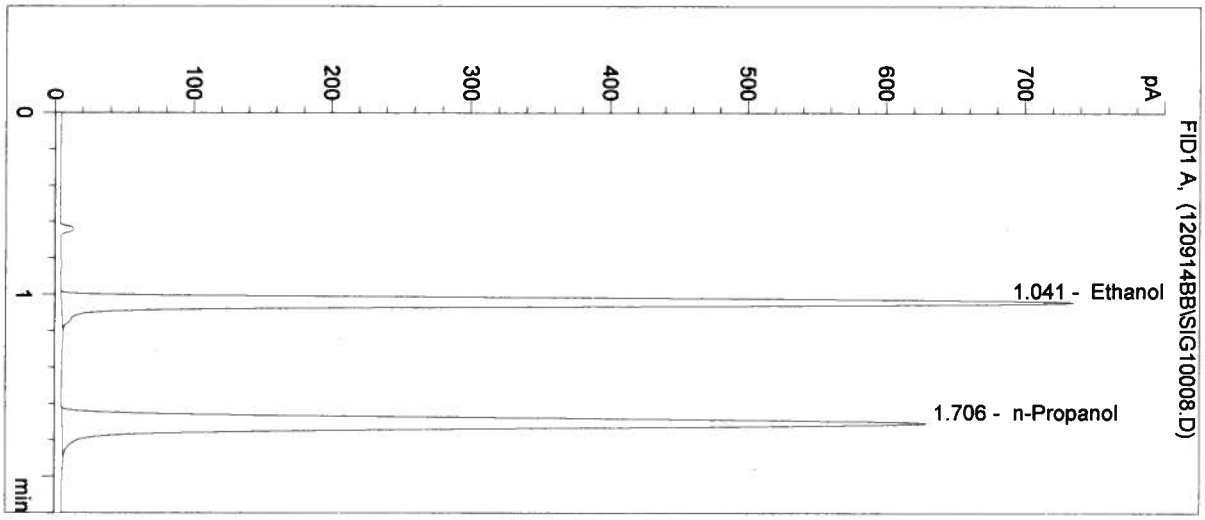
12037

BR

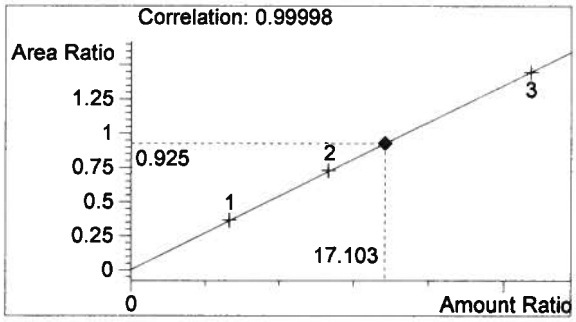
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:15:45 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

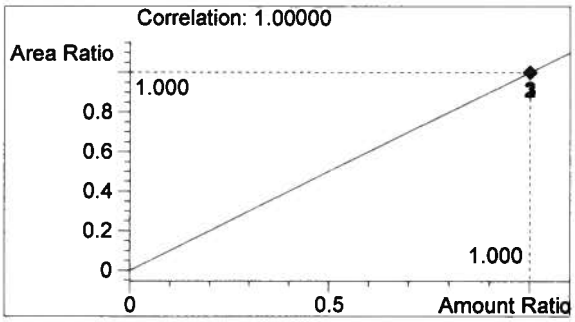
Sample Name: 0.20 CTRL BB
Operator: Brittany Ball
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2281	1.041
2	n-Propanol	2467	1.706



Ethanol 0.205 g/100mL



n-Propanol 0.012 g/100mL

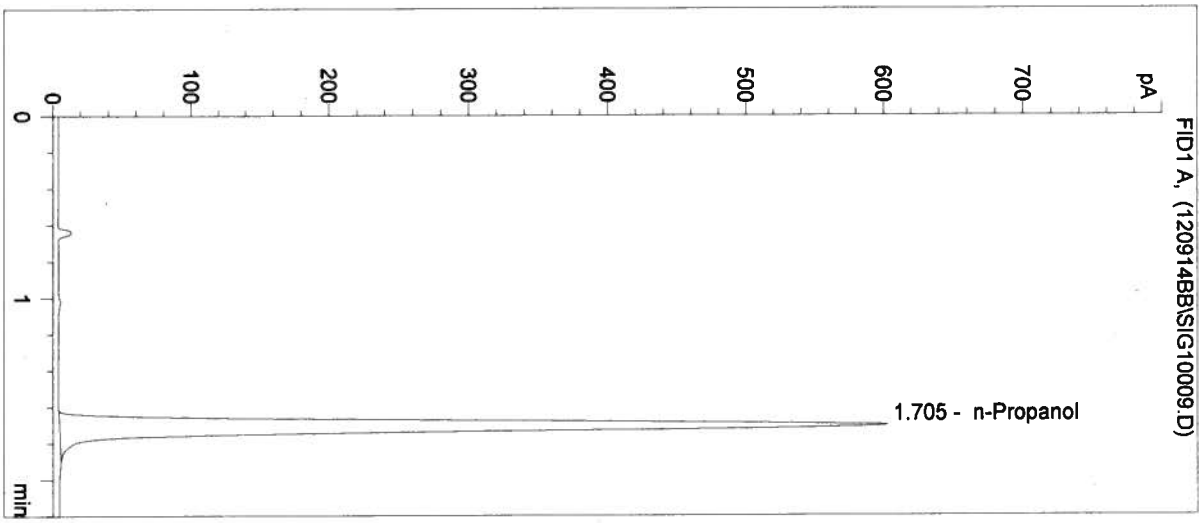
12037

DB

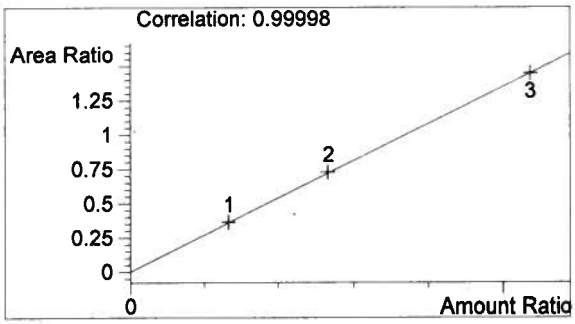
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:18:50 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

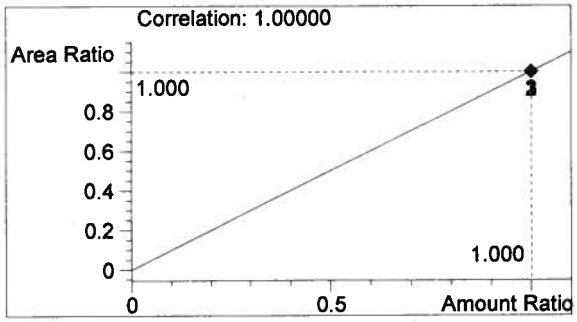
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2364	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

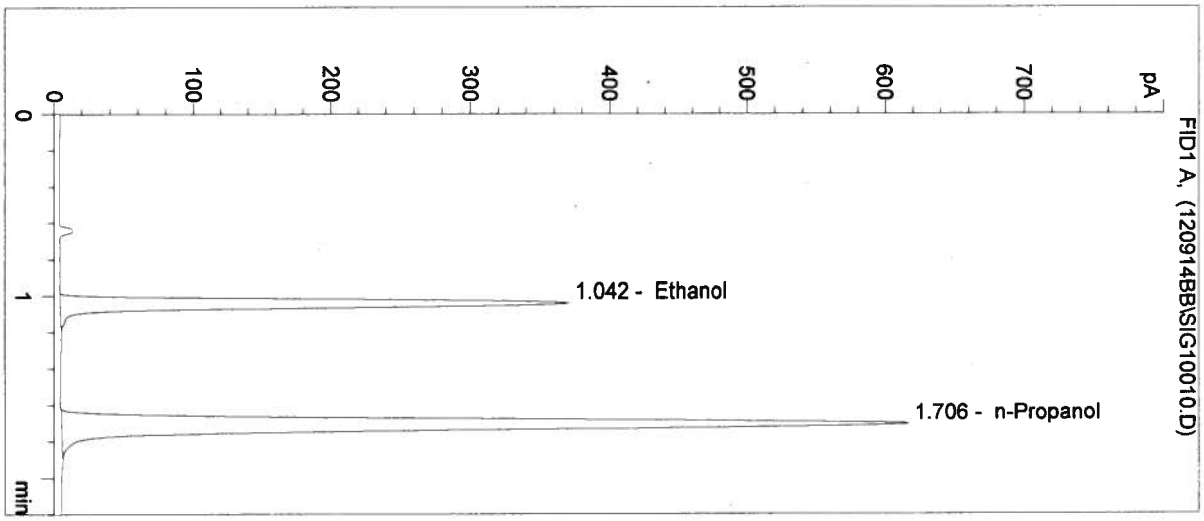
12037

BB

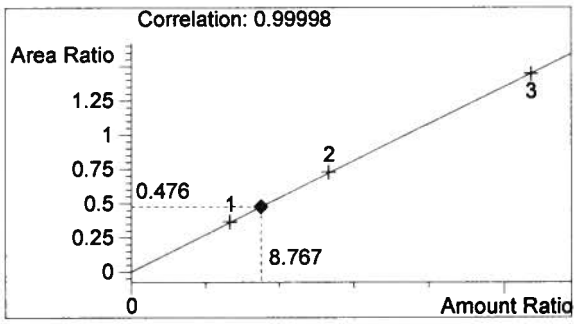
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:21:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

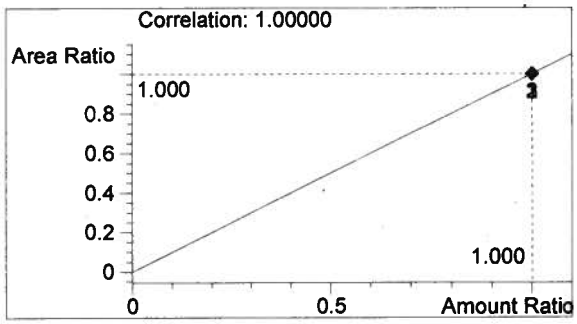
Sample Name: 12037-1
Operator: Brittany Ball
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1150	1.042
2	n-Propanol	2416	1.706



Ethanol 0.105 g/100mL



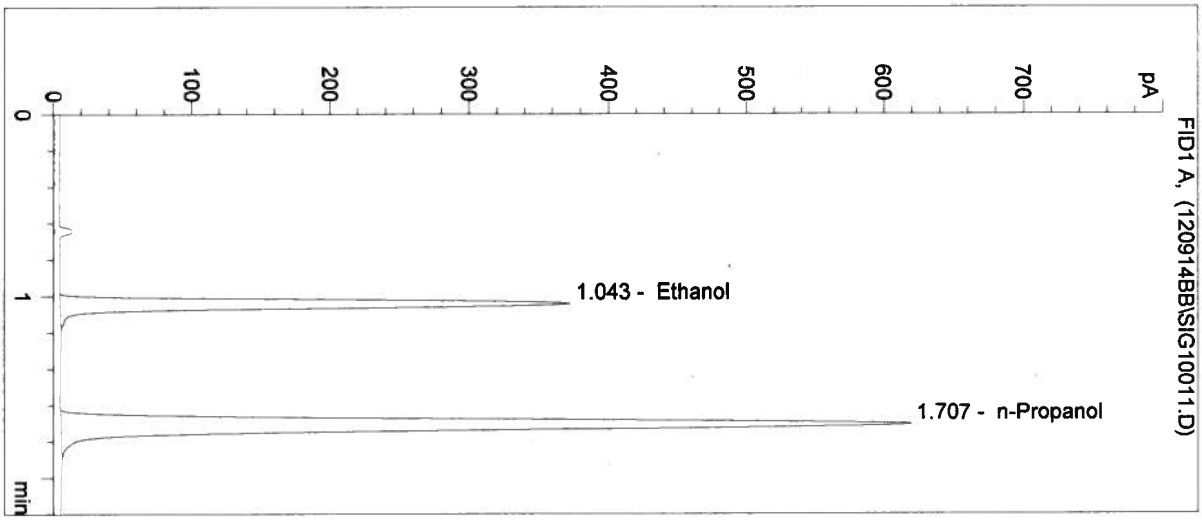
n-Propanol 0.012 g/100mL

BB

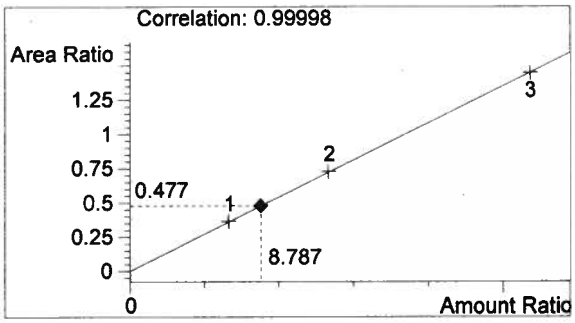
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:24:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

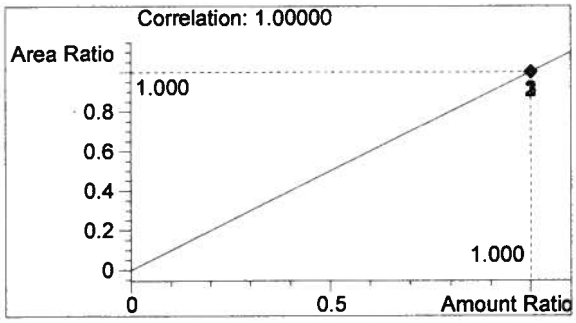
Sample Name: 12037-2
Operator: Brittany Ball
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1160	1.043
2	n-Propanol	2432	1.707



Ethanol 0.105 g/100mL



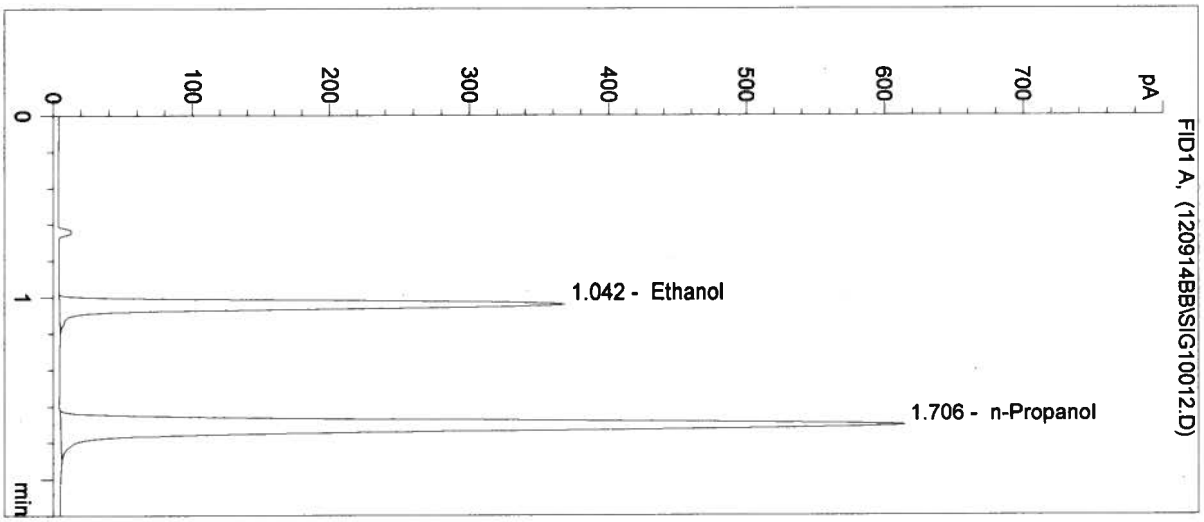
n-Propanol 0.012 g/100mL

BB

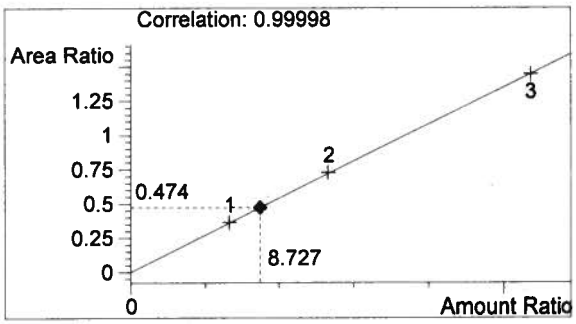
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:28:04 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

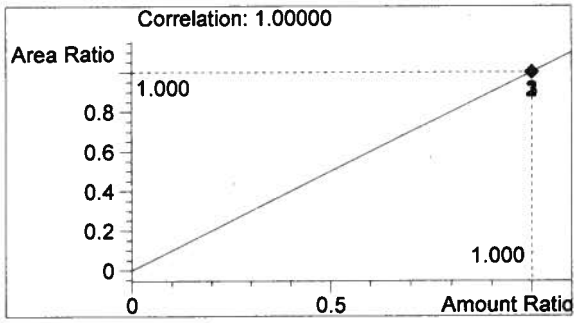
Sample Name: 12037-3
Operator: Brittany Ball
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.042
2	n-Propanol	2408	1.706



Ethanol 0.105 g/100mL



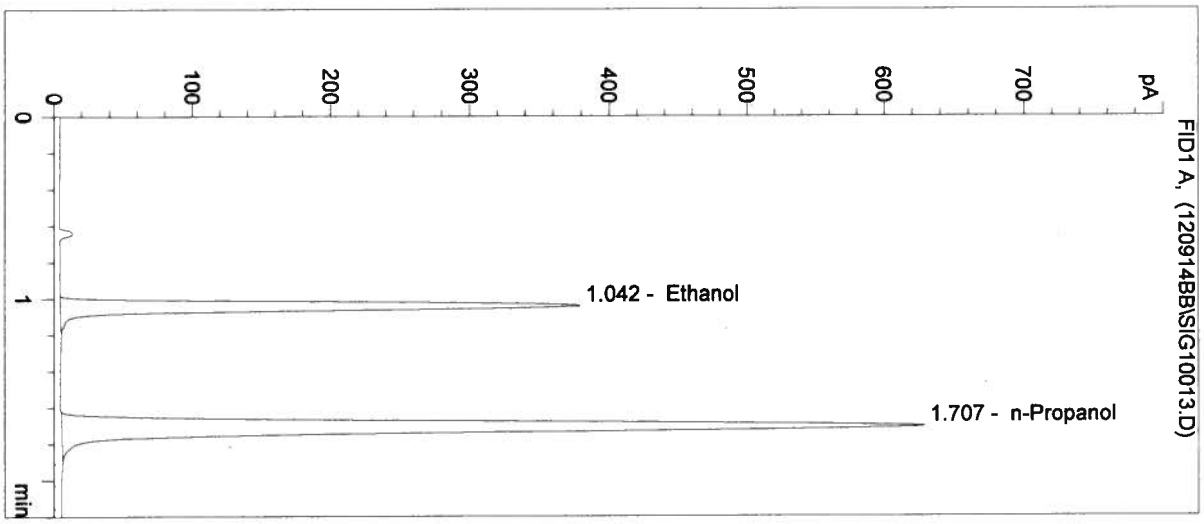
n-Propanol 0.012 g/100mL

BB

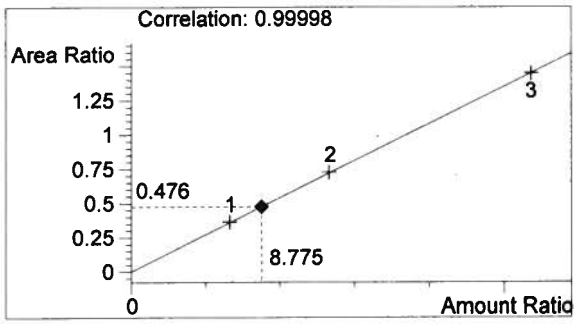
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:31:09 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

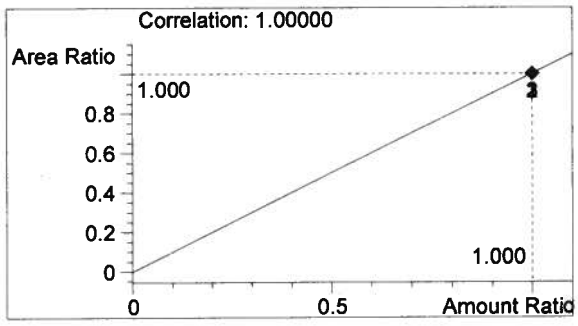
Sample Name: 12037-4
Operator: Brittany Ball
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1175	1.042
2	n-Propanol	2468	1.707



Ethanol 0.105 g/100mL



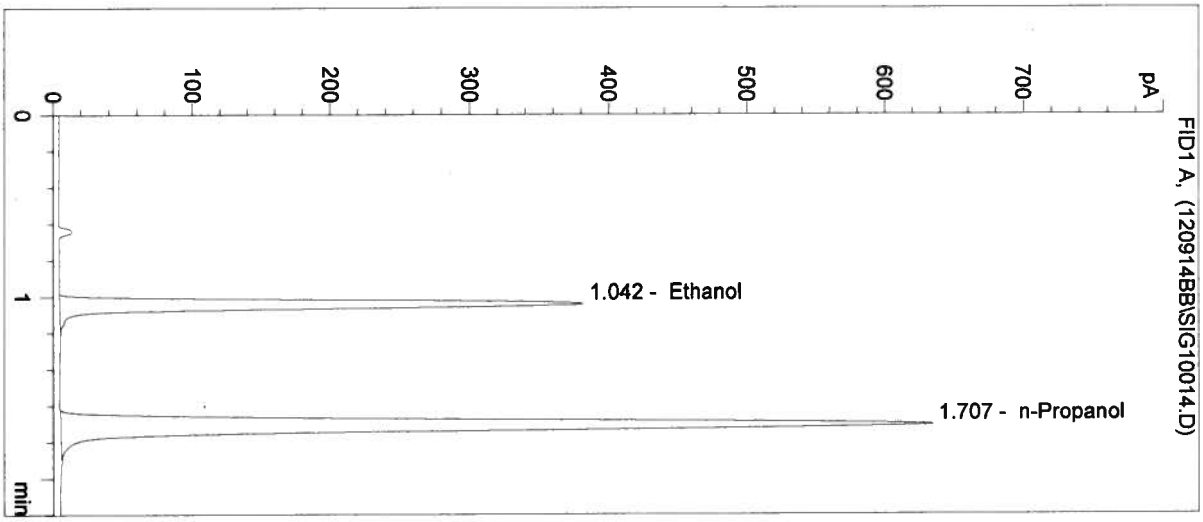
n-Propanol 0.012 g/100mL

BB

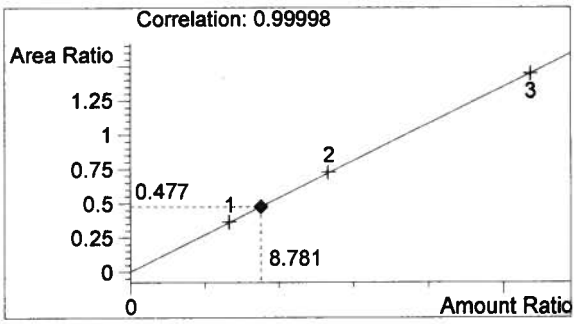
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:34:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

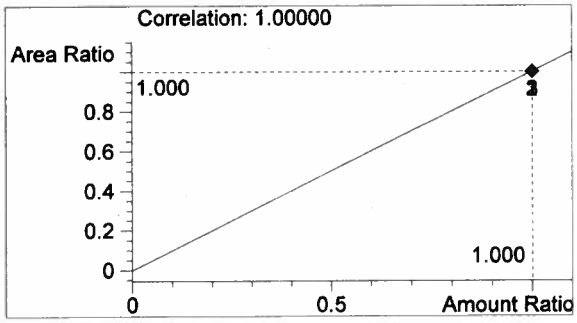
Sample Name: 12037-5
Operator: Brittany Ball
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1184	1.042
2	n-Propanol	2485	1.707



Ethanol 0.105 g/100mL



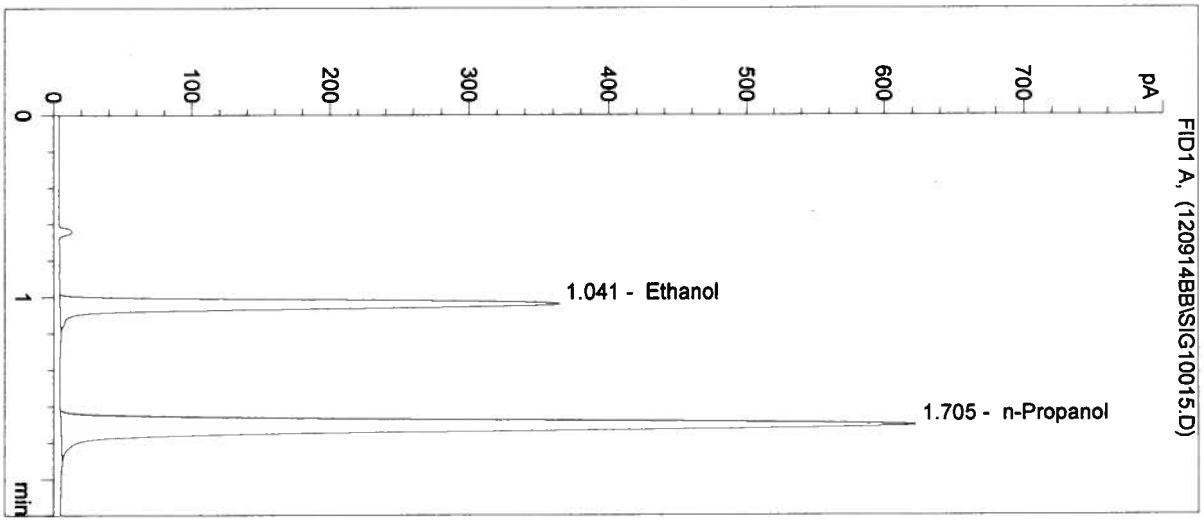
n-Propanol 0.012 g/100mL

BB

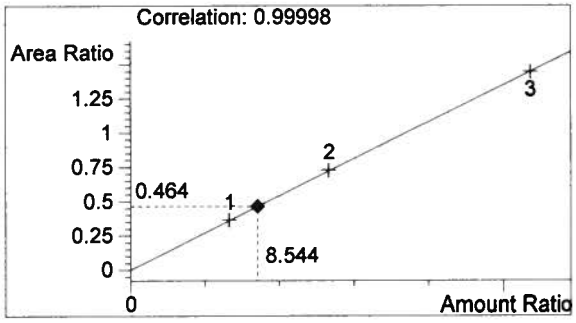
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:37:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

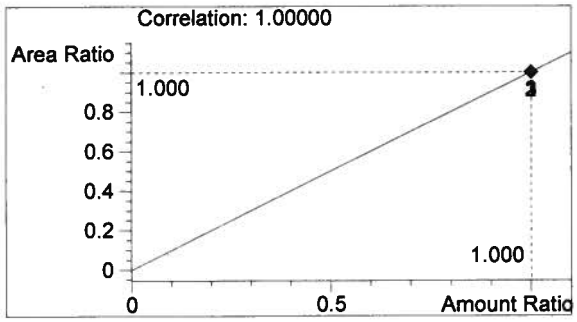
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1135	1.041
2	n-Propanol	2448	1.705



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

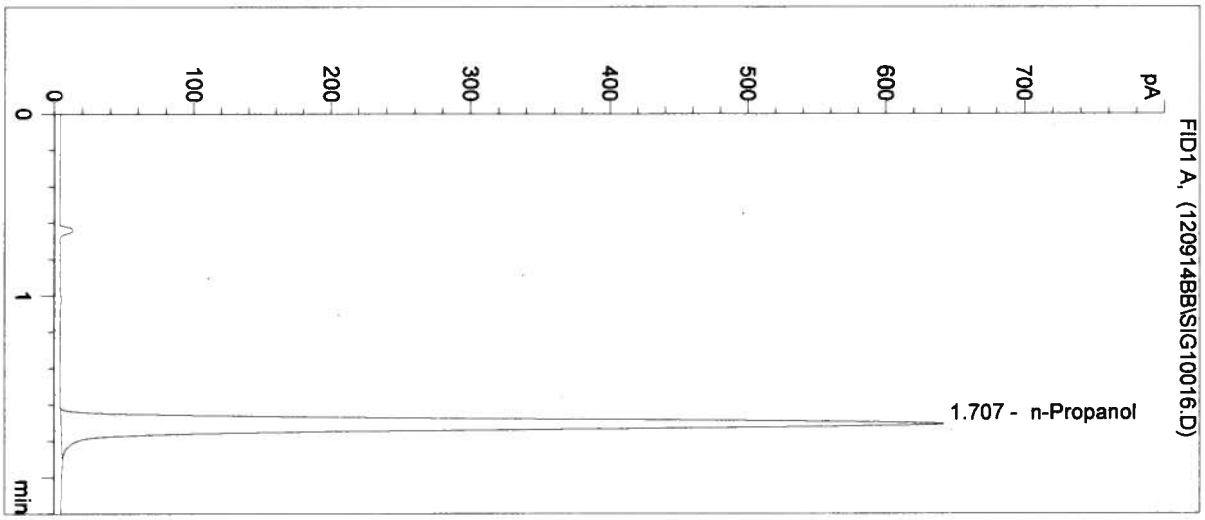
12037

BB

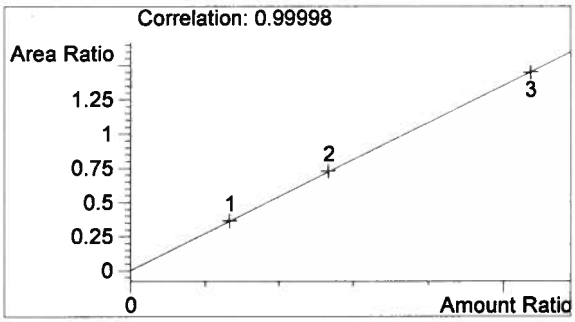
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:40:23 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

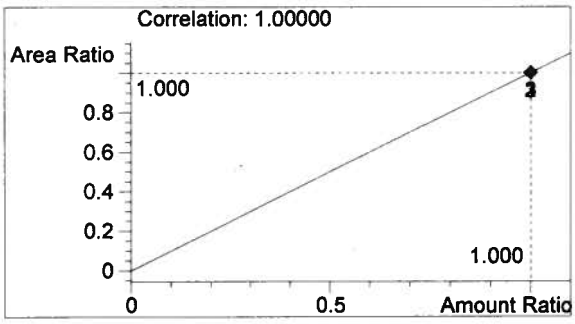
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2522	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12037

BB

Sequence Parameters:

Operator:	Lisa Noble
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120914LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot#A077459 - exp 02/2015
0.10 Control - Lot#A083355 - exp 12/2015
0.20 Control - Lot#A084657 - exp 02/2016
0.079 Calibrator Lot#E0612-01 - exp 09/25/2012
0.158 Calibrator Lot#E0612-02 - exp 09/25/2012
0.316 Calibrator Lot#E0612-03 - exp 09/25/2012
n-propanol ISTD Lot # P0812 exp 11/15/12

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	0.079 Calibrator Lot#E0612-01 - exp 09/25/2012
3	Vial 3	0.158 Calibrator Lot#E0612-02 - exp 09/25/2012
4	Vial 4	0.316 Calibrator Lot#E0612-03 - exp 09/25/2012
5	Vial 5	
6	Vial 6	0.04 Control - Lot#A077459 - exp 02/2015
7	Vial 7	0.10 Control - Lot#A083355 - exp 12/2015
8	Vial 8	0.20 Control - Lot#A084657 - exp 02/2016
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

12037

Sequence: C:\HPCHEM\1\SEQUENCE\LNEXT1.S

Line	Location	Sample Information
15	Vial 15	0.10 Control - Lot#A083355 - exp 12/2015
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - LN	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - LN	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - LN	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		
10	Vial 10	12037 #1	SIMALC1	1	Sample		
11	Vial 11	12037 #2	SIMALC1	1	Sample		
12	Vial 12	12037 #3	SIMALC1	1	Sample		
13	Vial 13	12037 #4	SIMALC1	1	Sample		
14	Vial 14	12037 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - LN	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12037

LN

Calibration Table

Calib. Data Modified : Friday, September 14, 2012 10:41:41 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.97000e-2	865.15070	9.21227e-5	1		Ethanol
		2	1.59870e-1	1812.46204	8.82060e-5			
		3	3.21590e-1	3409.85718	9.43119e-5			
1.707	1	1	1.20000e-2	2405.52783	4.98851e-6	I1		n-Propanol
		2	1.20000e-2	2458.00073	4.88202e-6			
		3	1.20000e-2	2366.32812	5.07115e-6			

Peak Sum Table

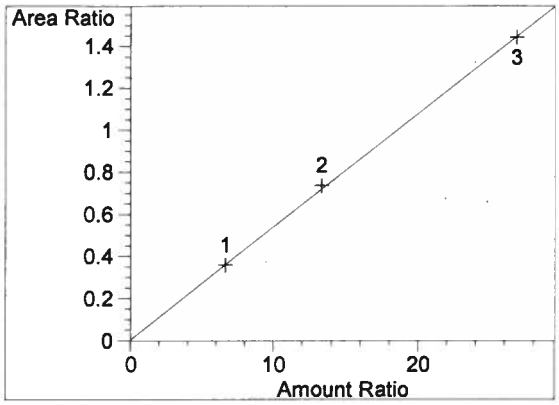
No Entries in table

12037

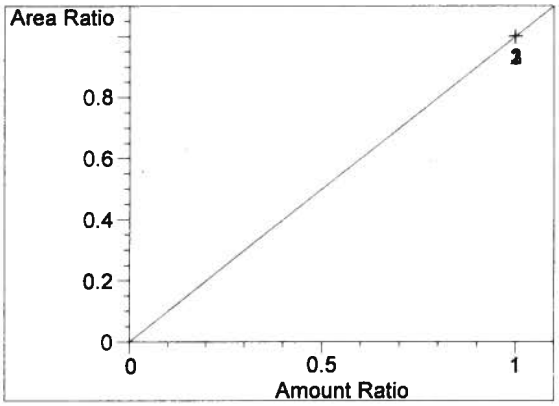
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99986
Residual Std. Dev.: 0.01242
Formula: y = mx + b
m: 5.38248e-2
b: 5.24725e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.707
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

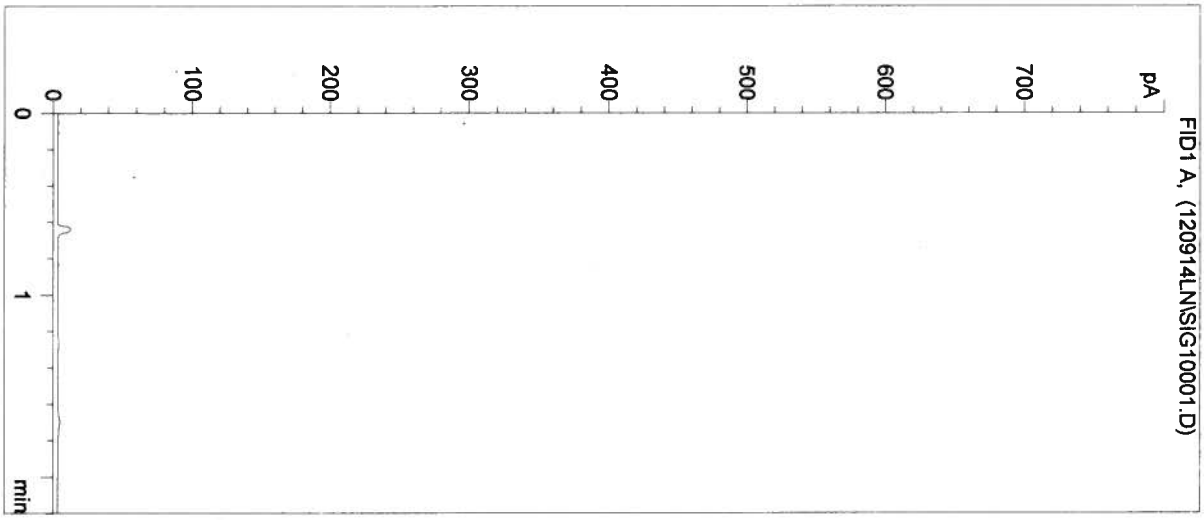
12037

fr

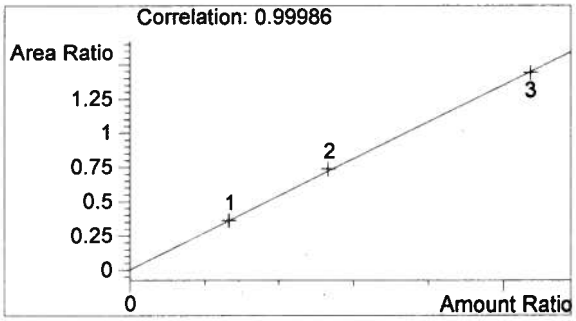
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:30:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

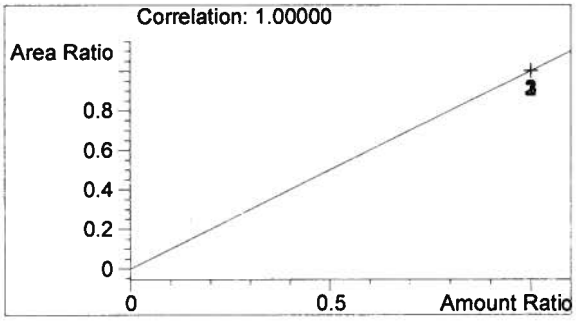
Sample Name: BLANK
Operator: Lisa Noble
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

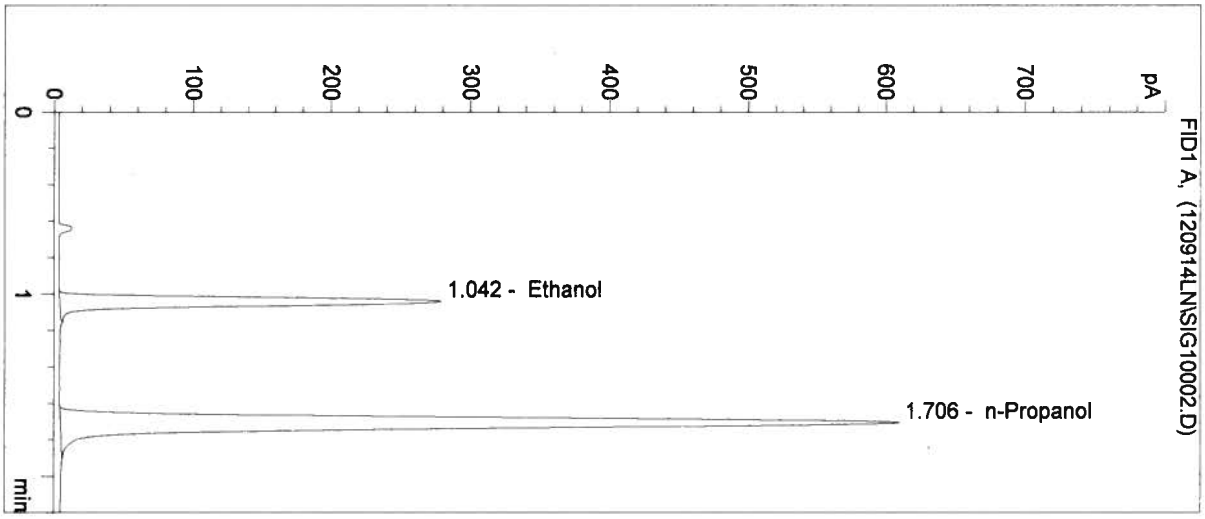
12037

fn

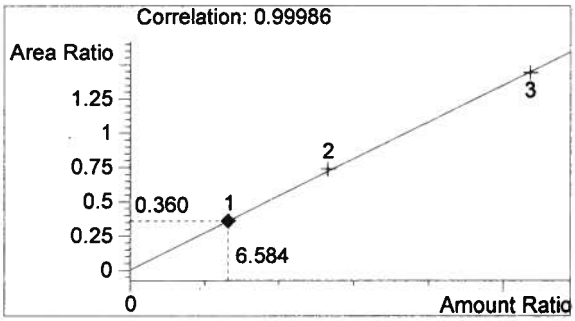
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:33:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.079 Calibrator Lot#E0612-01 - exp 09/25/2012

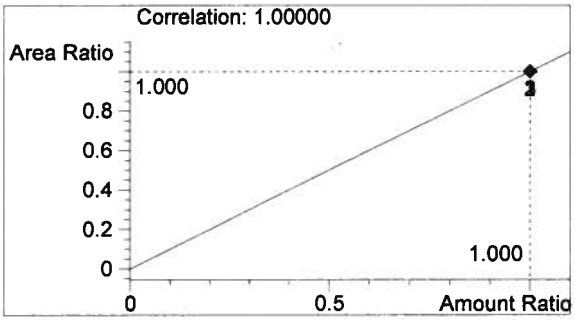
Sample Name: 0.079 CAL 1
Operator: Lisa Noble
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	865	1.042
2	n-Propanol	2406	1.706



Ethanol 0.079 g/100mL

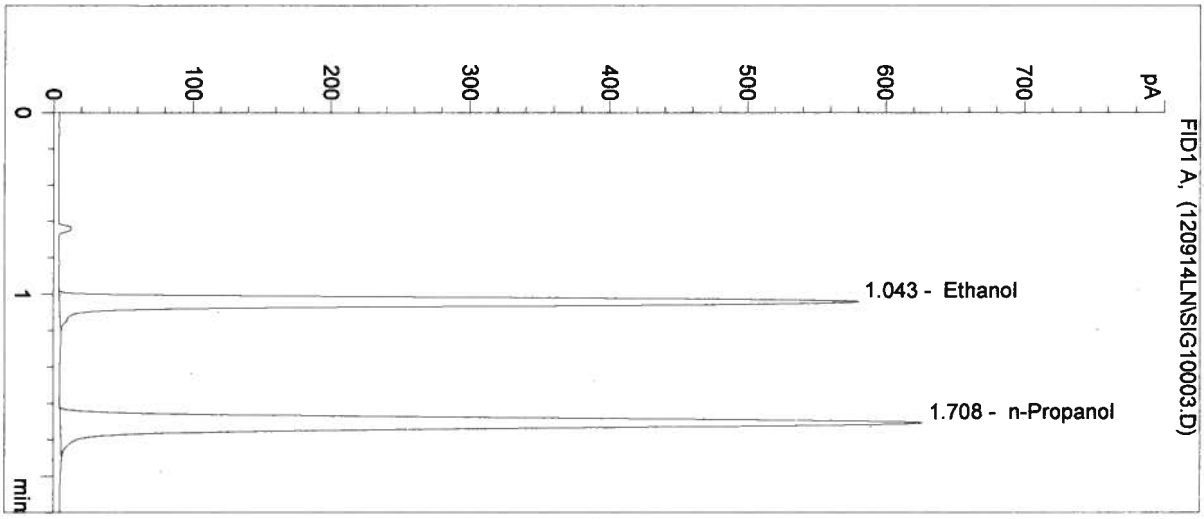


n-Propanol 0.012 g/100mL

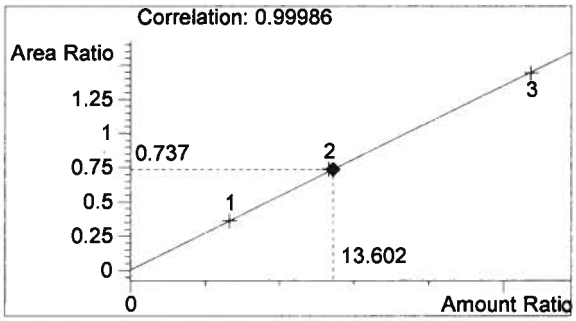
12037

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

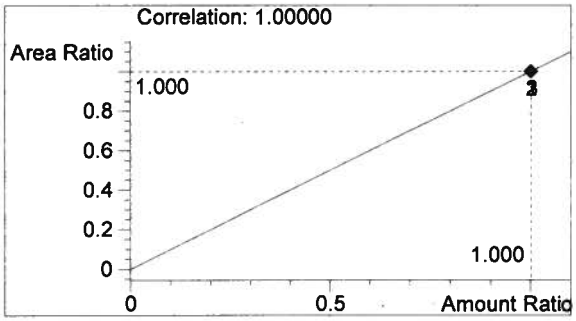
Inj. Date: 9/14/2012 10:36:23 AM
Sample Name: 0.158 CAL 2
Instrument: HSGC#1
Operator: Lisa Noble
Column: DB-ALC1
Location: Vial 3
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.158 Calibrator Lot#E0612-02 - exp 09/25/2012



#	Compound	Peak Area	RT (min)
1	Ethanol	1812	1.043
2	n-Propanol	2458	1.708



Ethanol 0.163 g/100mL



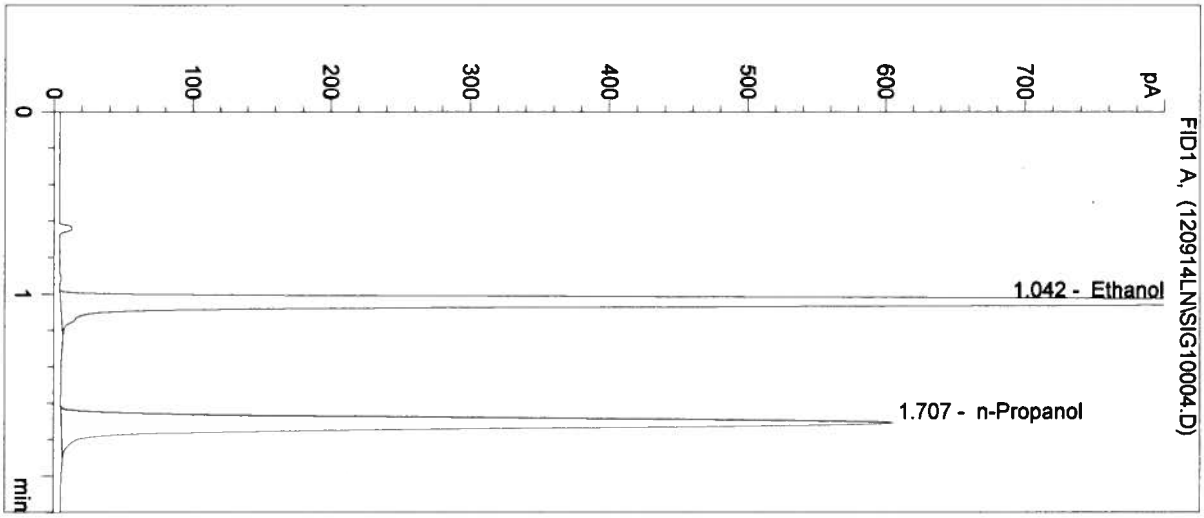
n-Propanol 0.012 g/100mL

E 12037

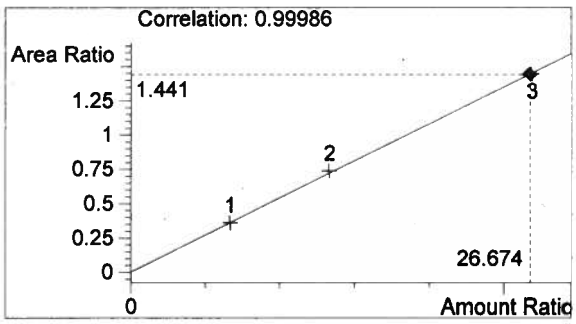
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:39:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.316 Calibrator Lot#E0612-03 - exp 09/25/2012

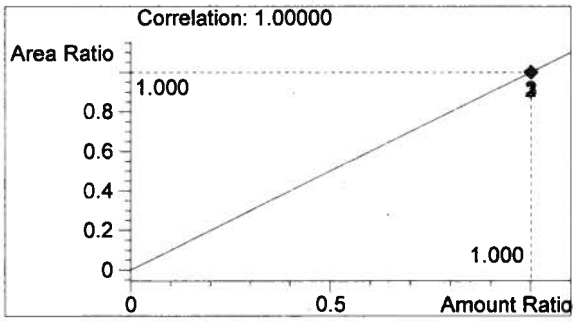
Sample Name: 0.316 CAL 3
Operator: Lisa Noble
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3410	1.042
2	n-Propanol	2366	1.707



Ethanol 0.320 g/100mL



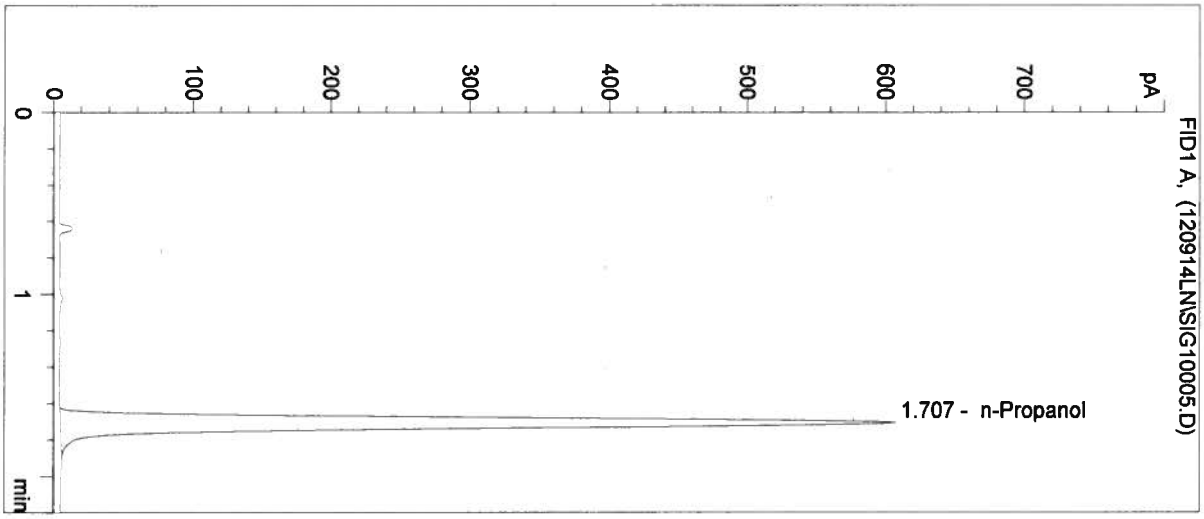
n-Propanol 0.012 g/100mL

12037

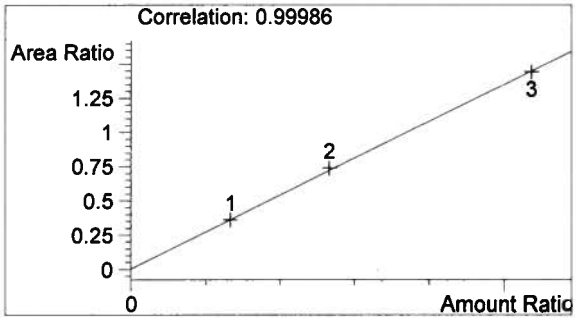
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:42:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

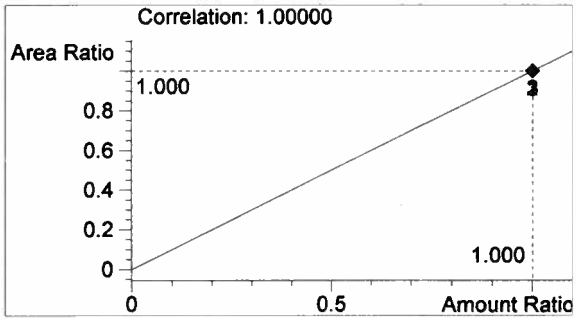
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2379	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

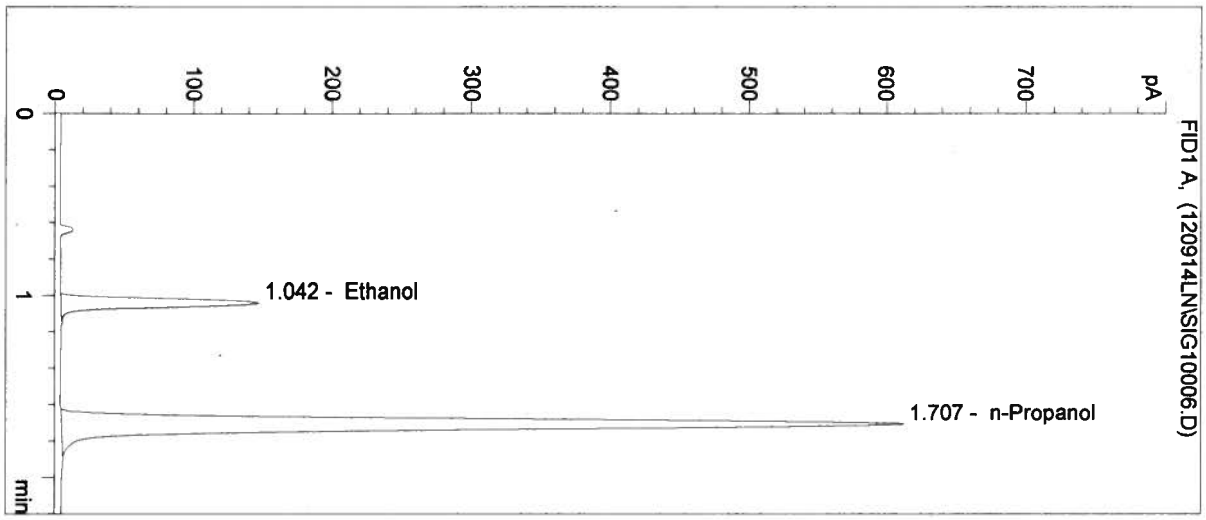
12037

fn

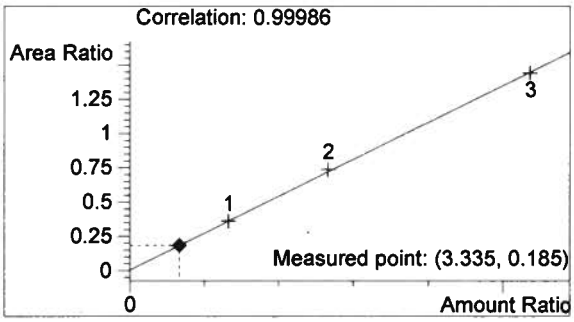
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:45:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04 Control - Lot#A077459 - exp 02/2015

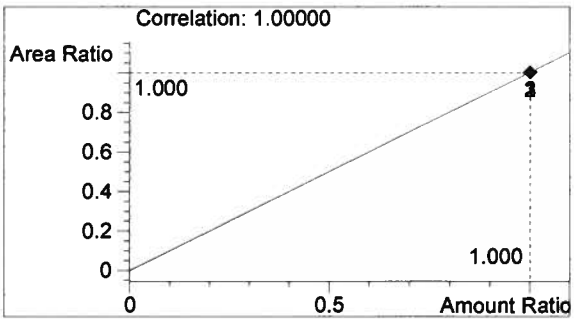
Sample Name: 0.04 CTRL - LN
Operator: Lisa Noble
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	443	1.042
2	n-Propanol	2397	1.707



Ethanol 0.040 g/100mL



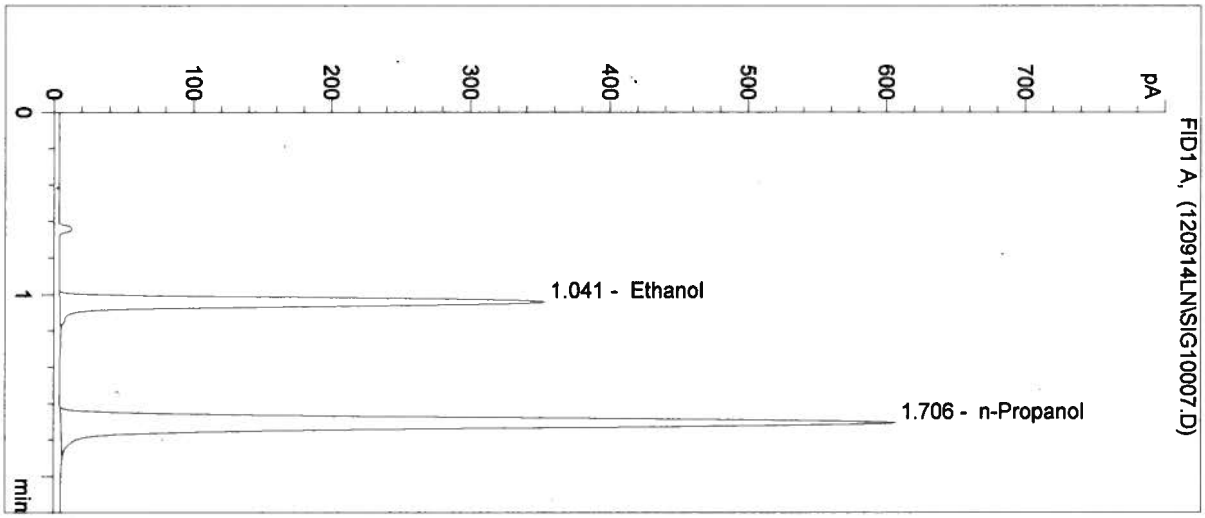
n-Propanol 0.012 g/100mL

12037

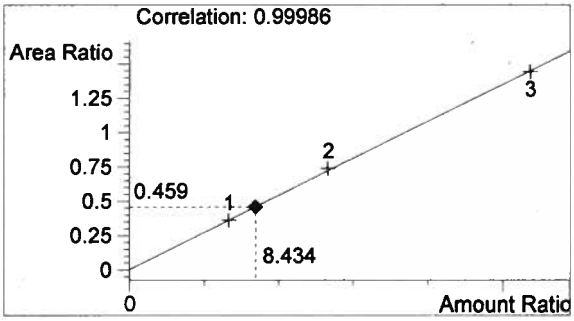
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:48:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10 Control - Lot#A083355 - exp 12/2015

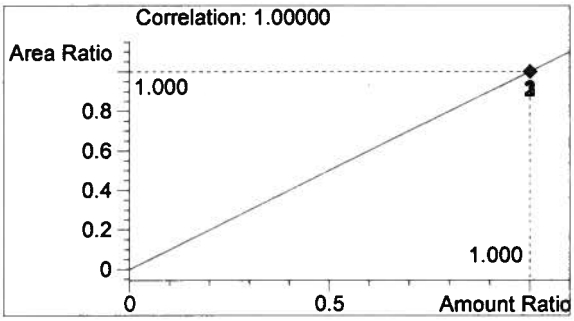
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.041
2	n-Propanol	2382	1.706



Ethanol 0.101 g/100mL



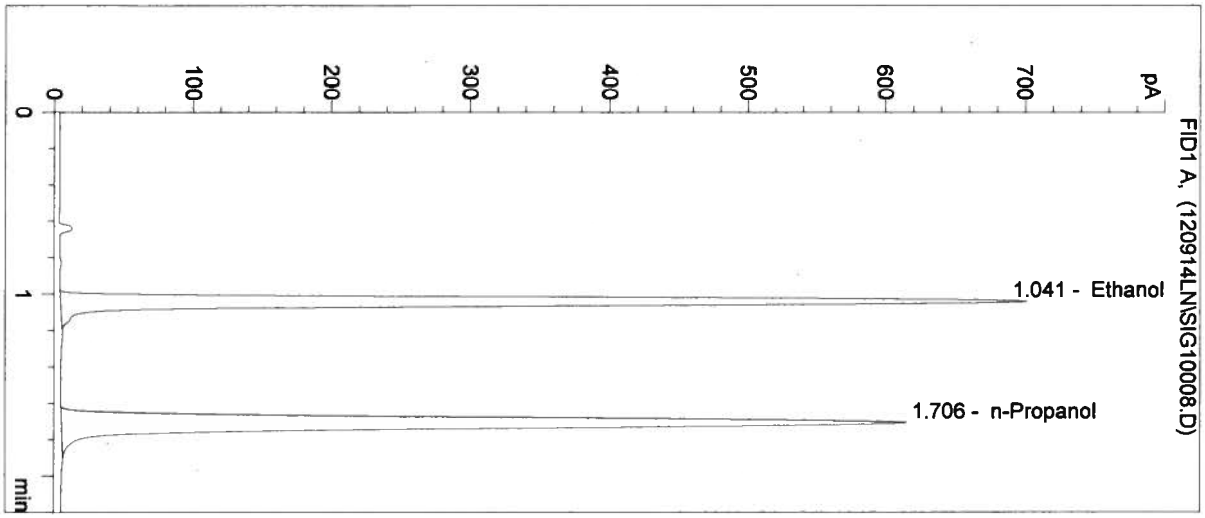
n-Propanol 0.012 g/100mL

12037

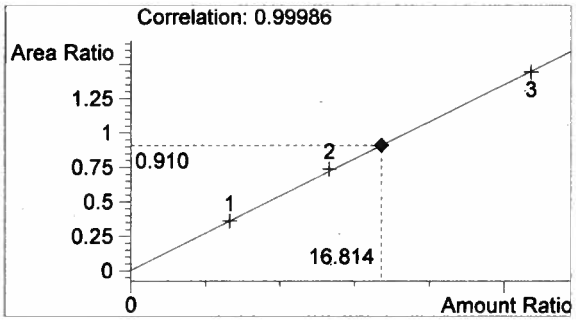
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:51:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20 Control - Lot#A084657 - exp 02/2016

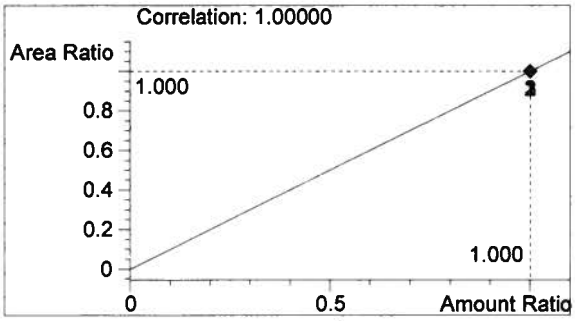
Sample Name: 0.20 CTRL - LN
Operator: Lisa Noble
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2199	1.041
2	n-Propanol	2416	1.706



Ethanol 0.202 g/100mL



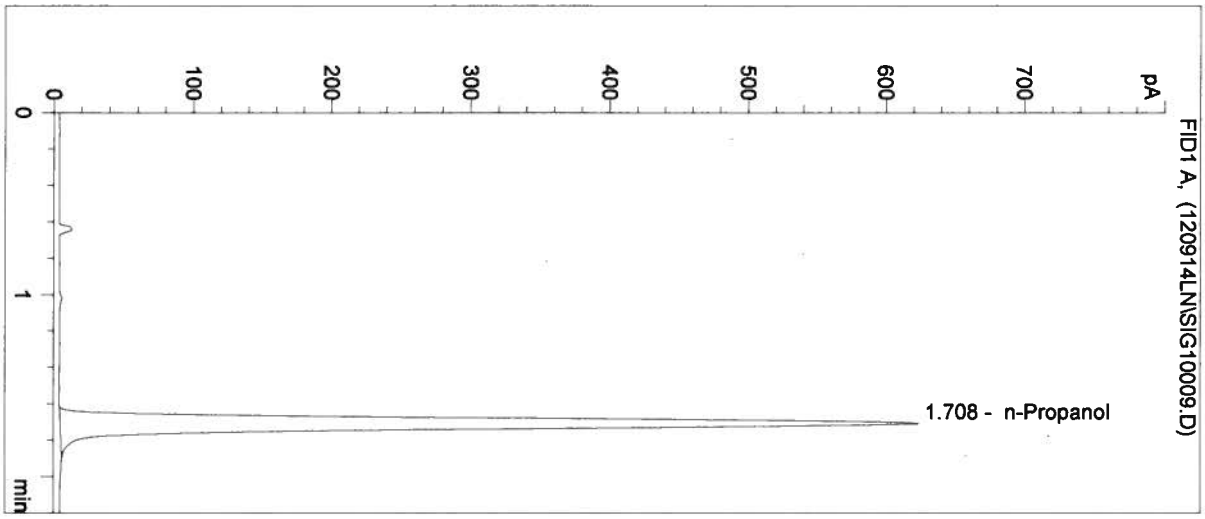
n-Propanol 0.012 g/100mL

12037

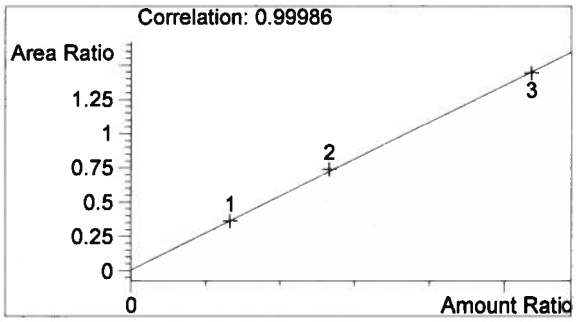
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:54:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

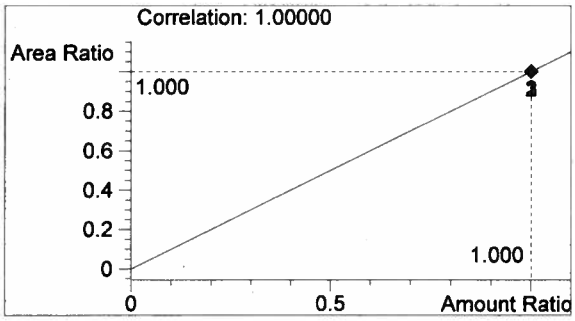
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2446	1.708



Ethanol 0.000 g/100mL



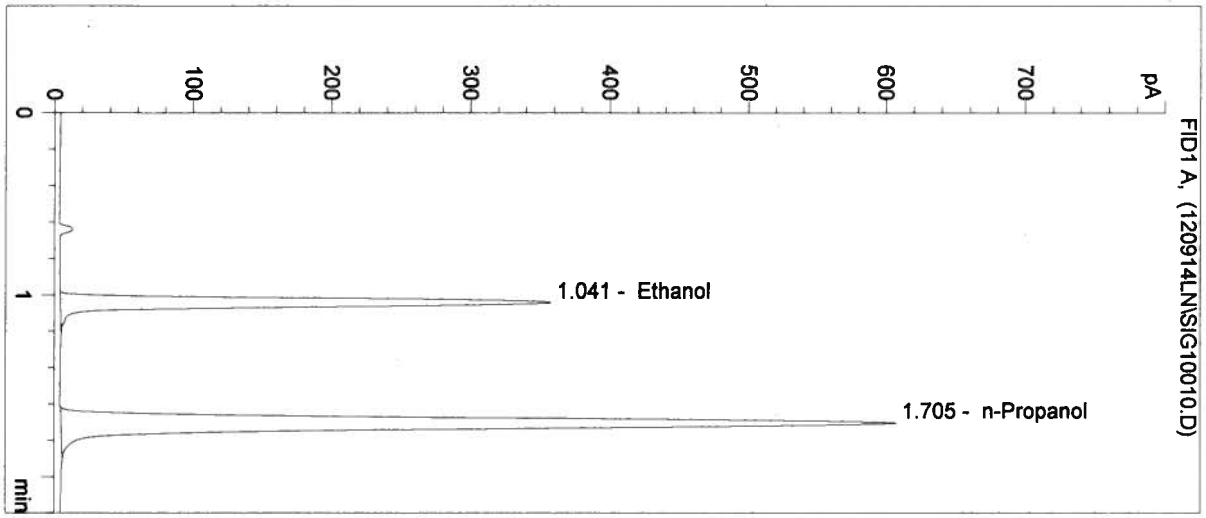
n-Propanol 0.012 g/100mL

12037

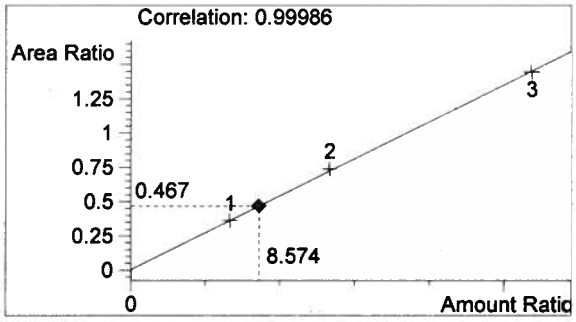
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:57:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

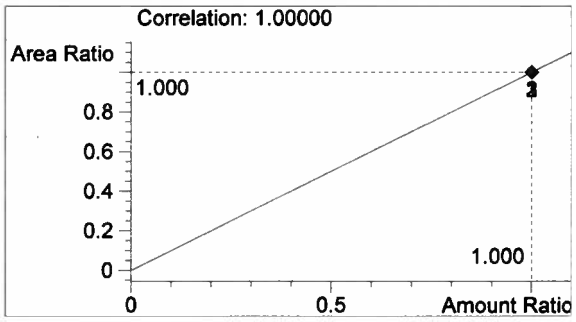
Sample Name: 12037 #1
Operator: Lisa Noble
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.041
2	n-Propanol	2392	1.705



Ethanol 0.103 g/100mL

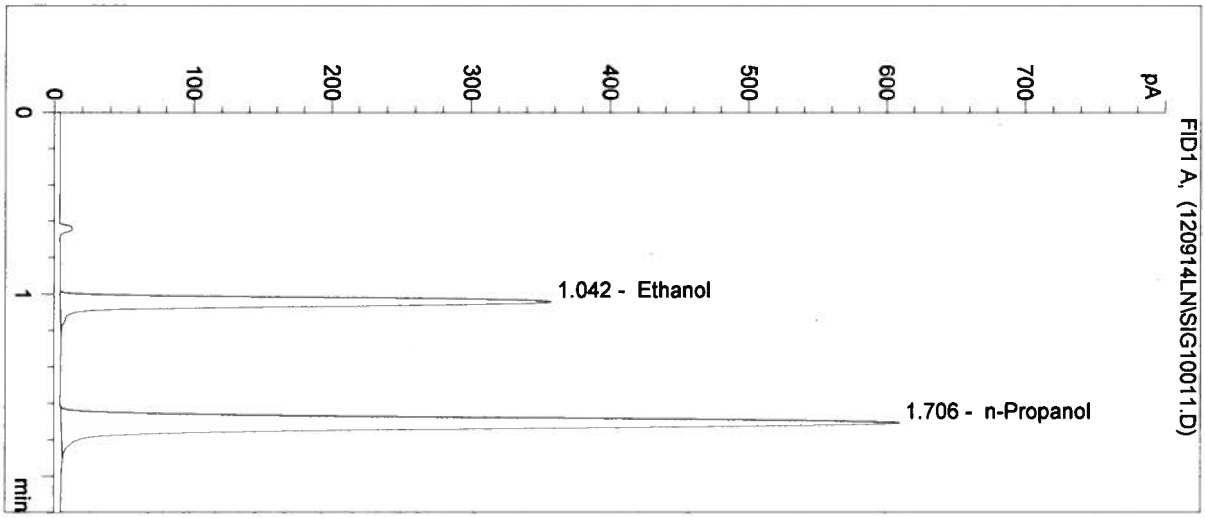


n-Propanol 0.012 g/100mL

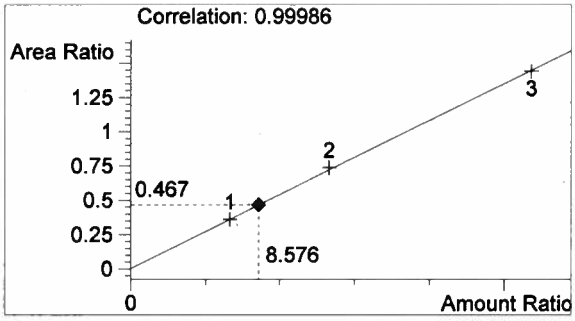
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:01:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

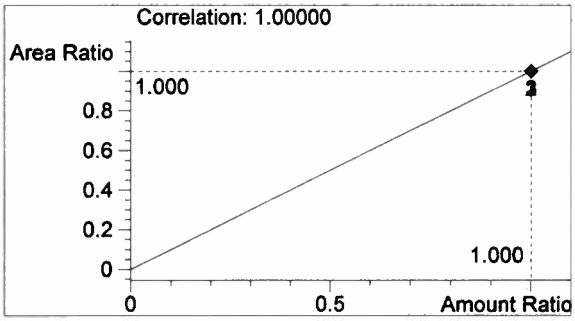
Sample Name: 12037 #2
Operator: Lisa Noble
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.042
2	n-Propanol	2402	1.706



Ethanol 0.103 g/100mL

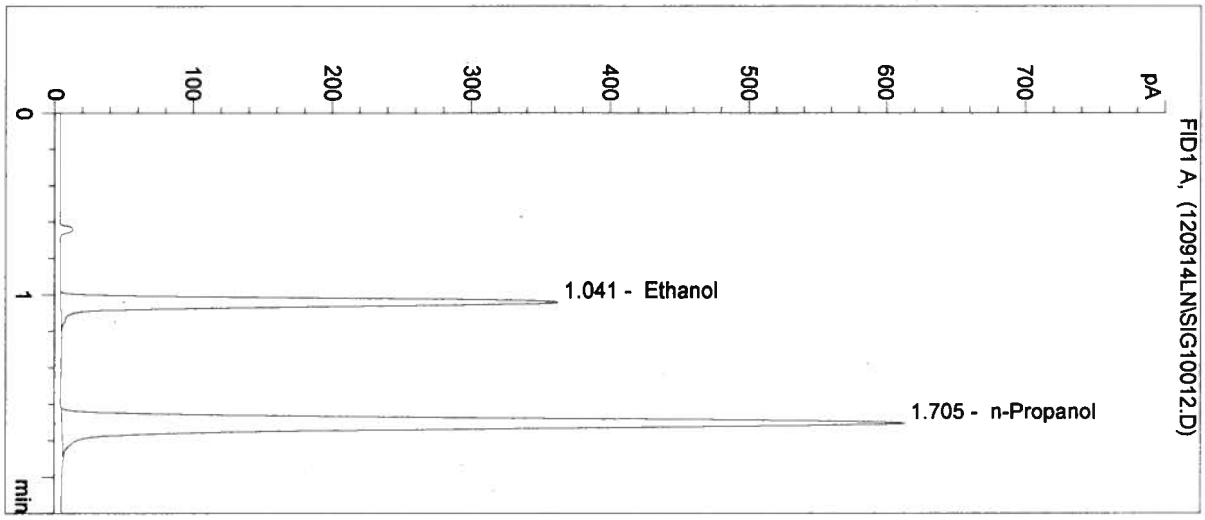


n-Propanol 0.012 g/100mL

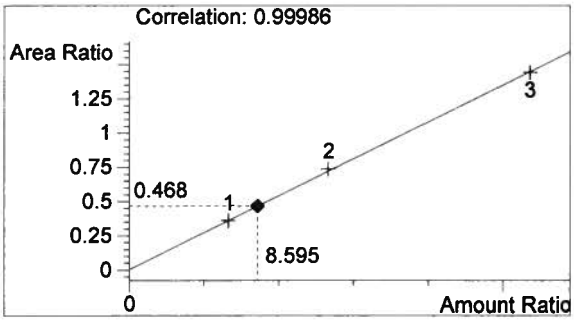
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:04:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

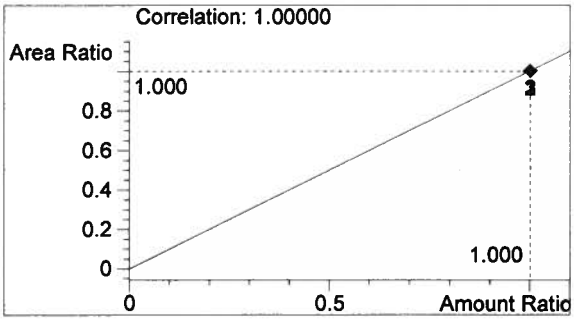
Sample Name: 12037 #3
Operator: Lisa Noble
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.041
2	n-Propanol	2413	1.705



Ethanol 0.103 g/100mL

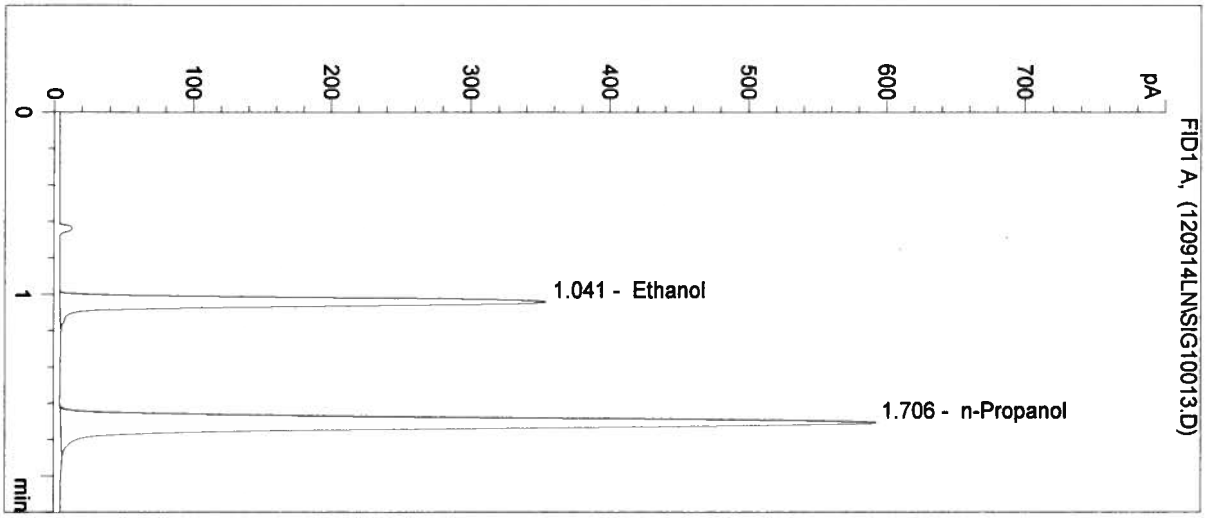


n-Propanol 0.012 g/100mL

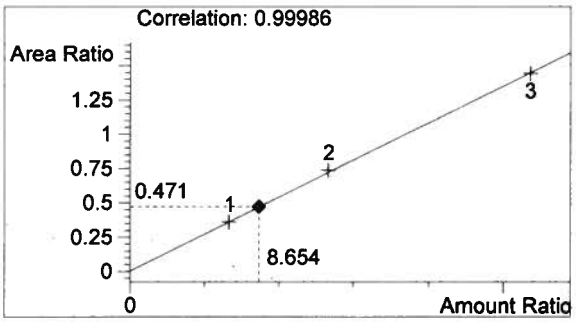
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:07:11 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

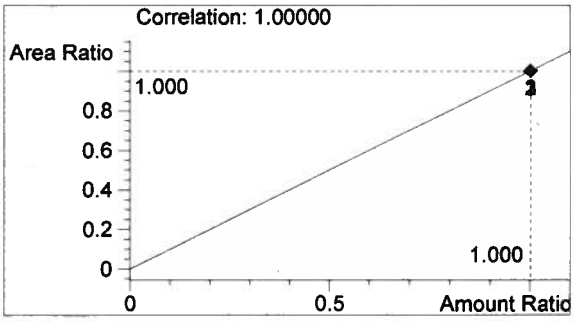
Sample Name: 12037 #4
Operator: Lisa Noble
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.041
2	n-Propanol	2316	1.706



Ethanol 0.104 g/100mL

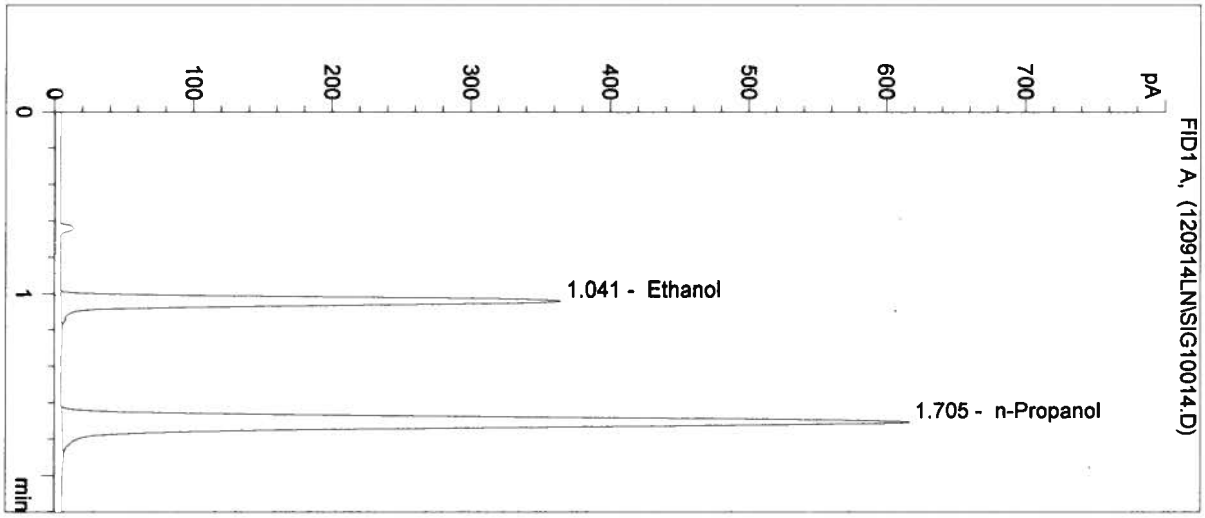


n-Propanol 0.012 g/100mL

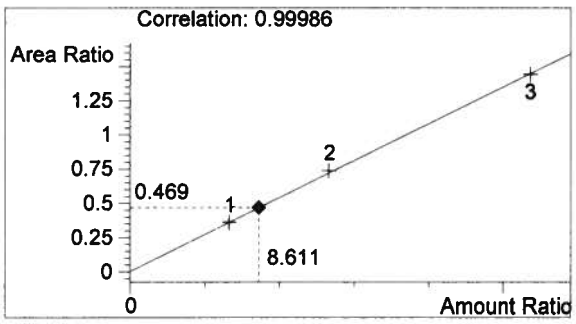
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:10:16 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

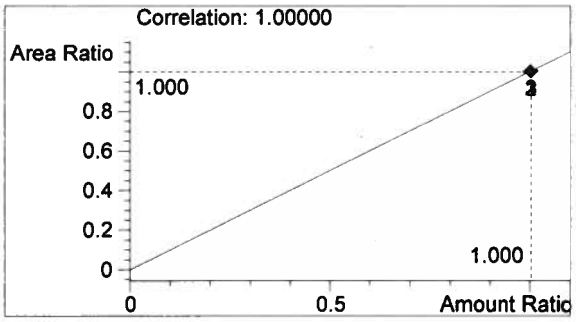
Sample Name: 12037 #5
Operator: Lisa Noble
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1137	1.041
2	n-Propanol	2426	1.705



Ethanol 0.103 g/100mL

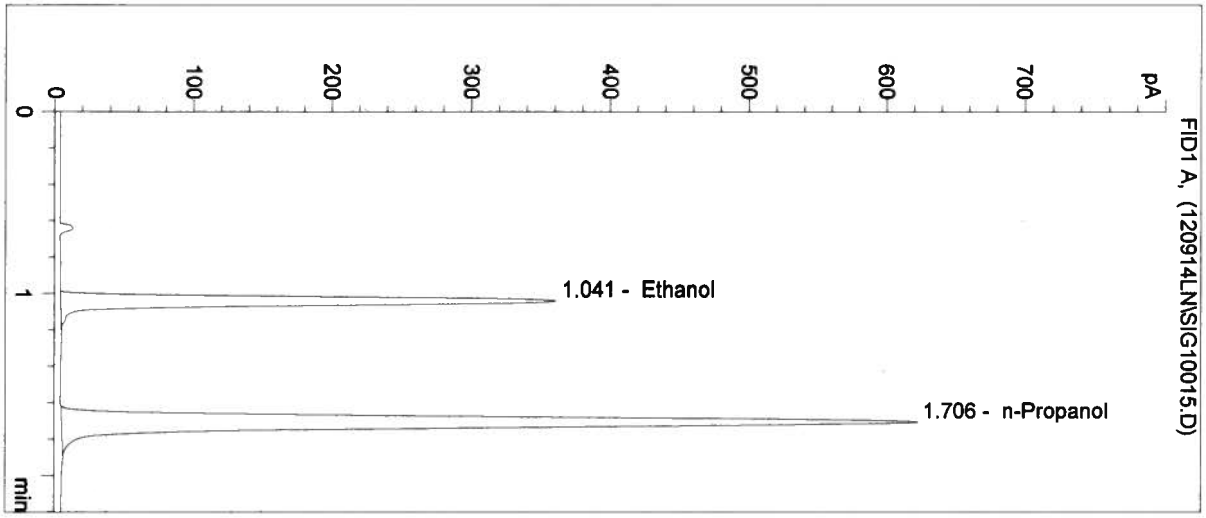


n-Propanol 0.012 g/100mL

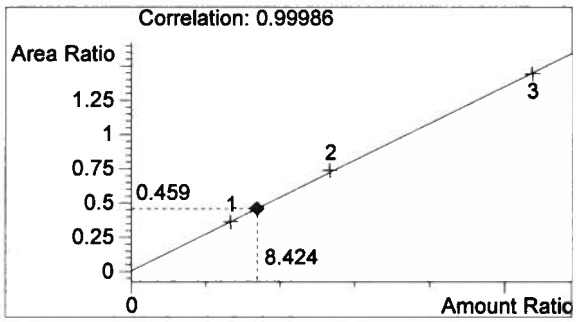
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:13:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10 Control - Lot#A083355 - exp 12/2015

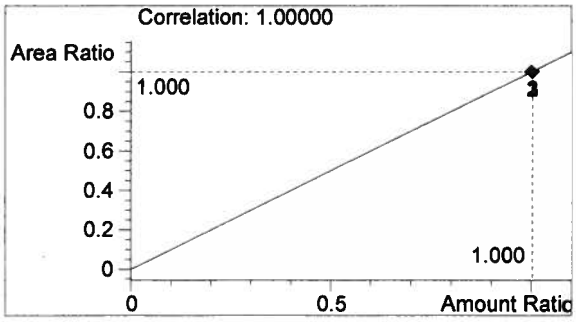
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.041
2	n-Propanol	2444	1.706



Ethanol 0.101 g/100mL



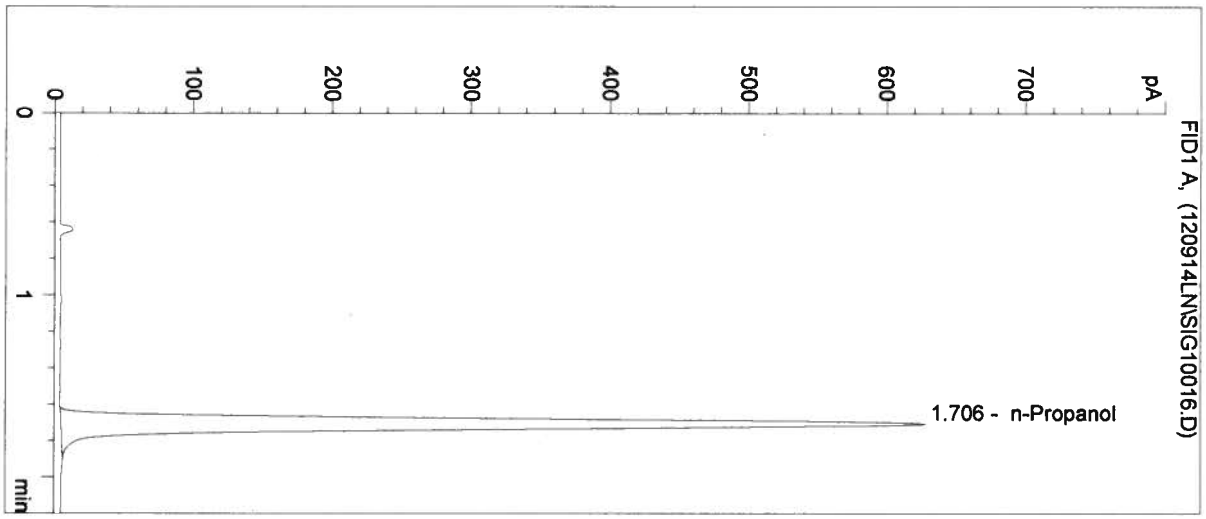
n-Propanol 0.012 g/100mL

12037

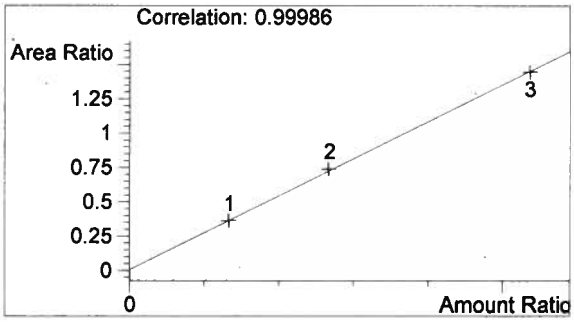
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:16:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

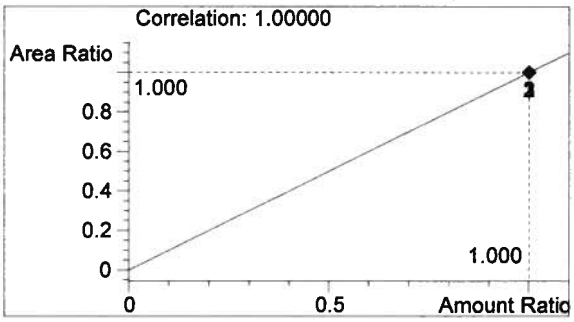
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2464	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12037

Sequence: C:\HPCHEM\1\SEQUENCE\BOEXSTD.S

Sequence Parameters:

Operator:	Brianne E. O'Reilly
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120917BO
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 - Lot: E0612-01 - exp 9/25/2012
Cal 2 - Lot: E0612-02 - exp 9/25/2012
Cal 3 - Lot: E0612-03 - exp 9/25/2012
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A084657 - exp 02/2016
n-Propanol ISTD - Lot: P0812

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	0.079 Calibrator: Lot: E0612-01
3	Vial 3	0.158 Calibrator: Lot: E0612-02
4	Vial 4	0.316 Calibrator: Lot: E0612-03
5	Vial 5	
6	Vial 6	0.04 CTRL: Lot: A077459 - exp: 02/2015
7	Vial 7	0.10 CTRL: Lot: A083355 - exp: 12/2015
8	Vial 8	0.20 CTRL: Lot: A084657 - exp: 02/2016
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

12037

BEO

Sequence: C:\HPCHEM\1\SEQUENCE\BOEXSTD.S

Line	Location	Sample Information
15	Vial 15	0.10 CTRL: Lot: A083355 - exp: 12/2015
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)-BO	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)-BO	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
10	Vial 10	12037 #1	SIMALC1	1	Sample		
11	Vial 11	12037 #2	SIMALC1	1	Sample		
12	Vial 12	12037 #3	SIMALC1	1	Sample		
13	Vial 13	12037 #4	SIMALC1	1	Sample		
14	Vial 14	12037 #5	SIMALC1	1	Sample		
15	Vial 15	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Replace	Replace	
3	Vial 3	CAL 2 (0.158)	SIMALC1	2	Replace	Replace	
4	Vial 4	CAL 3 (0.316)	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12037

120917BO BWO

Calibration Table

Calib. Data Modified : Monday, September 17, 2012 8:43:52 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1	1	7.97000e-2	873.10364	9.12836e-5		1	Ethanol
		2	1.59870e-1	1828.49390	8.74326e-5			
		3	3.21590e-1	3453.05200	9.31321e-5			
1.706	1	1	1.20000e-2	2362.43823	5.07950e-6	I1		n-Propanol
		2	1.20000e-2	2459.48145	4.87908e-6			
		3	1.20000e-2	2389.39209	5.02220e-6			

Peak Sum Table

No Entries in table

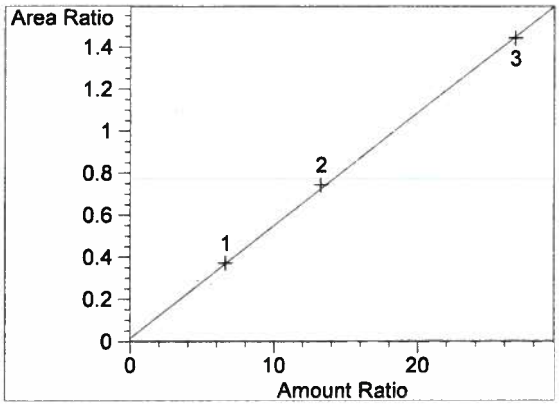
12037

120917B0 B&O

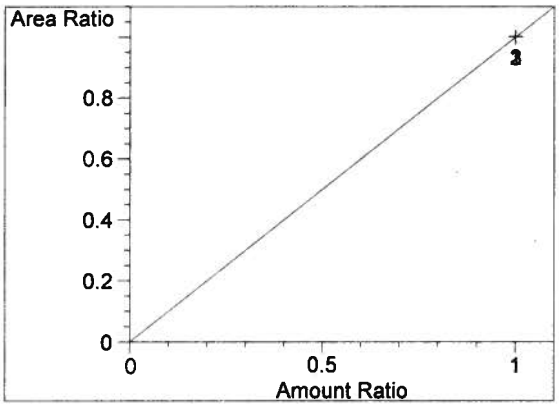
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99981
Residual Std. Dev.: 0.01456
Formula: y = mx + b
m: 5.38827e-2
b: 9.61235e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

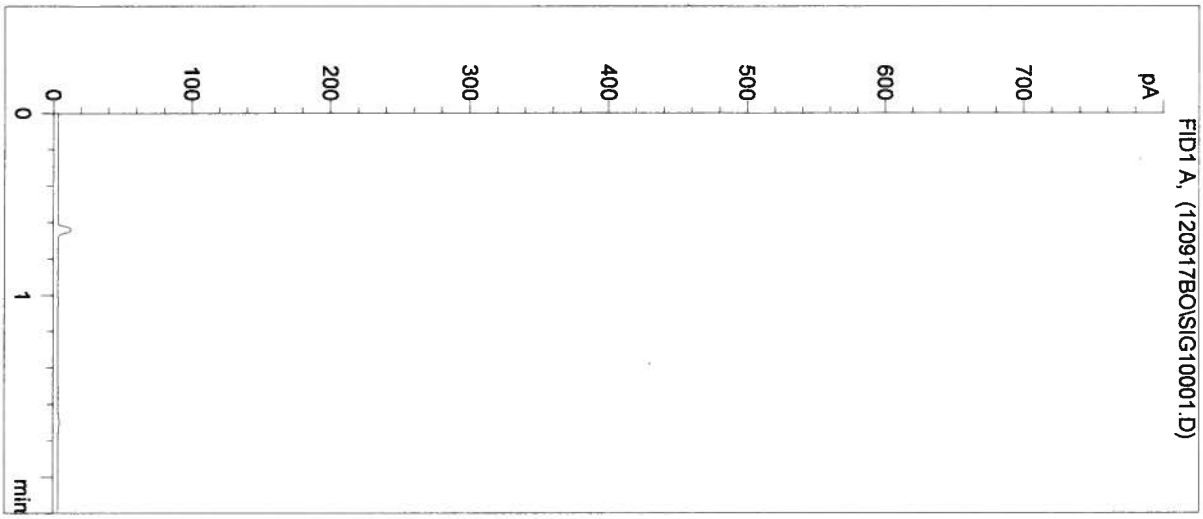
12037

120917BO BEO

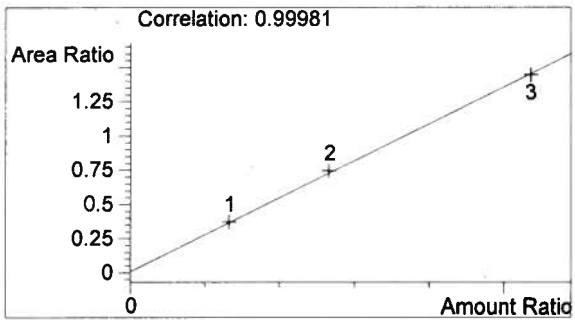
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 8:32:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

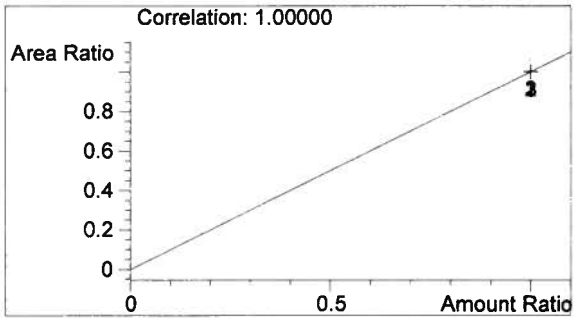
Sample Name: BLANK
Operator: Brianne E. O'Reilly
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

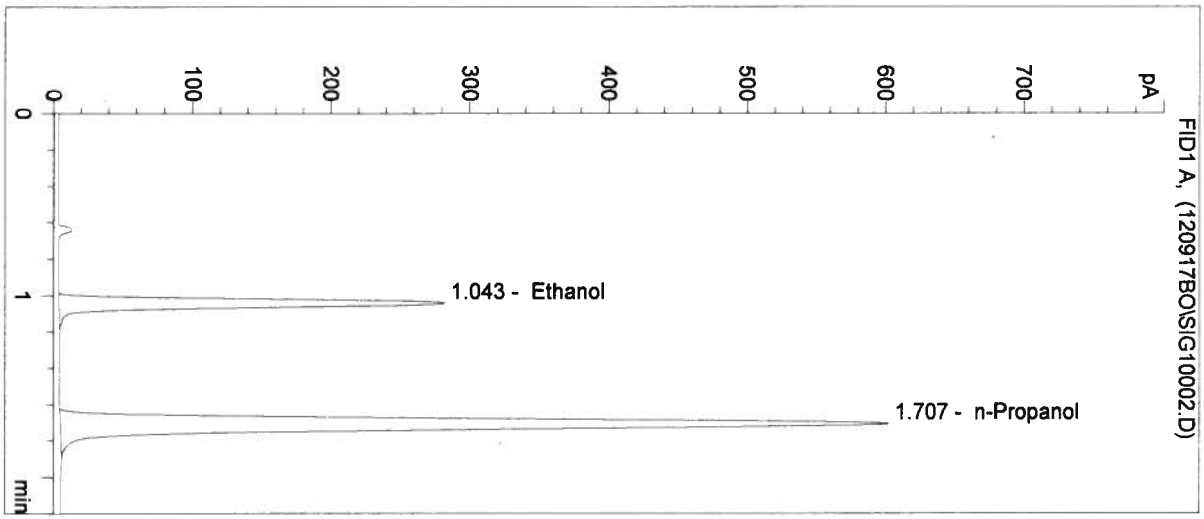
12037

BWO

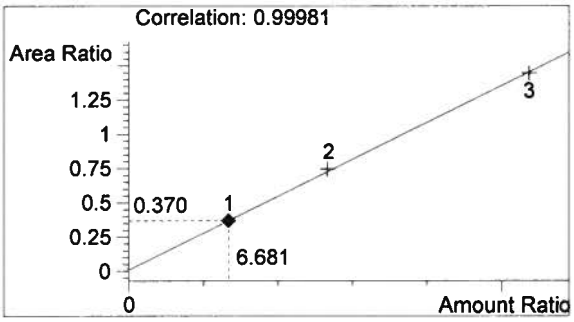
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 8:35:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.079 Calibrator: Lot: E0612-01

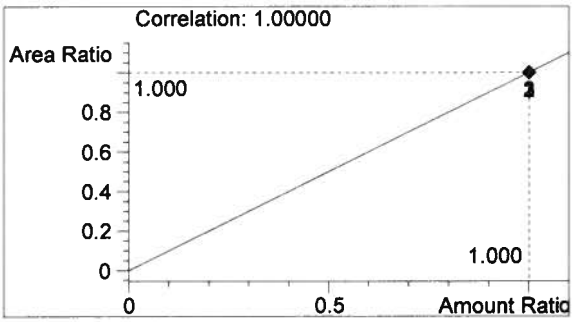
Sample Name: CAL 1 (0.079)
Operator: Brianne E. O'Reilly
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	873	1.043
2	n-Propanol	2362	1.707



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

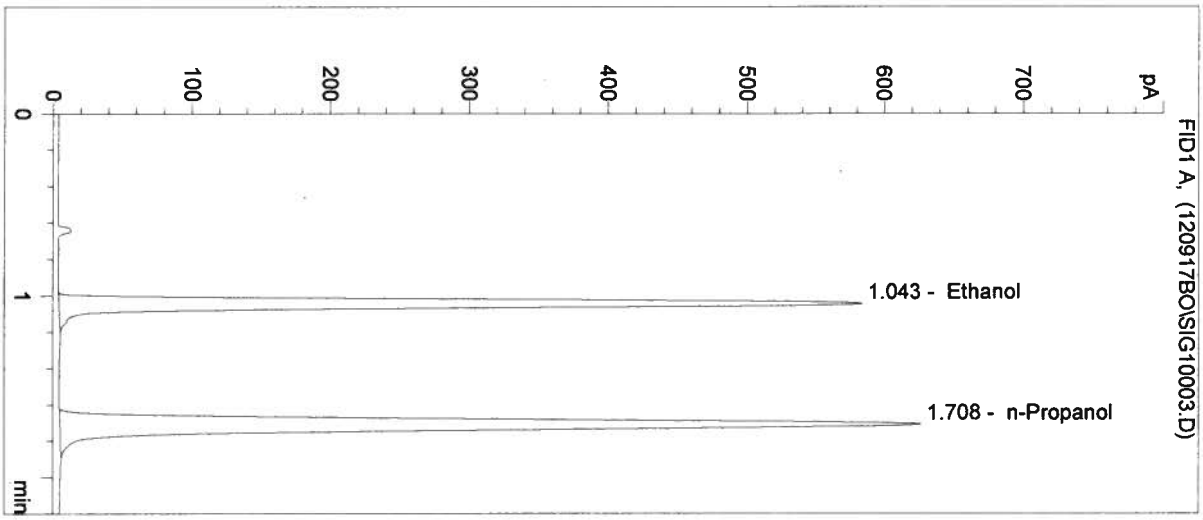
12037

BW

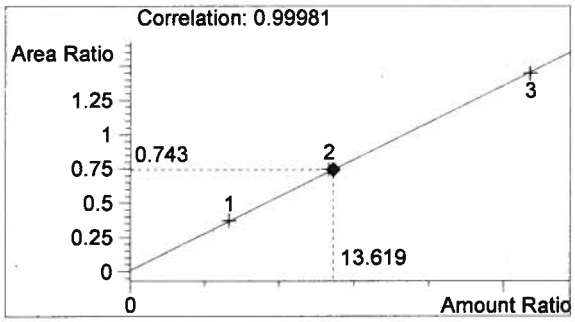
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 8:38:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.158 Calibrator: Lot: E0612-02

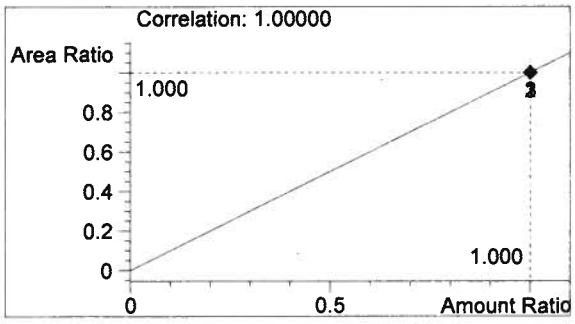
Sample Name: CAL 2 (0.158)
Operator: Brianne E. O'Reilly
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1828	1.043
2	n-Propanol	2459	1.708



Ethanol 0.163 g/100mL



n-Propanol 0.012 g/100mL

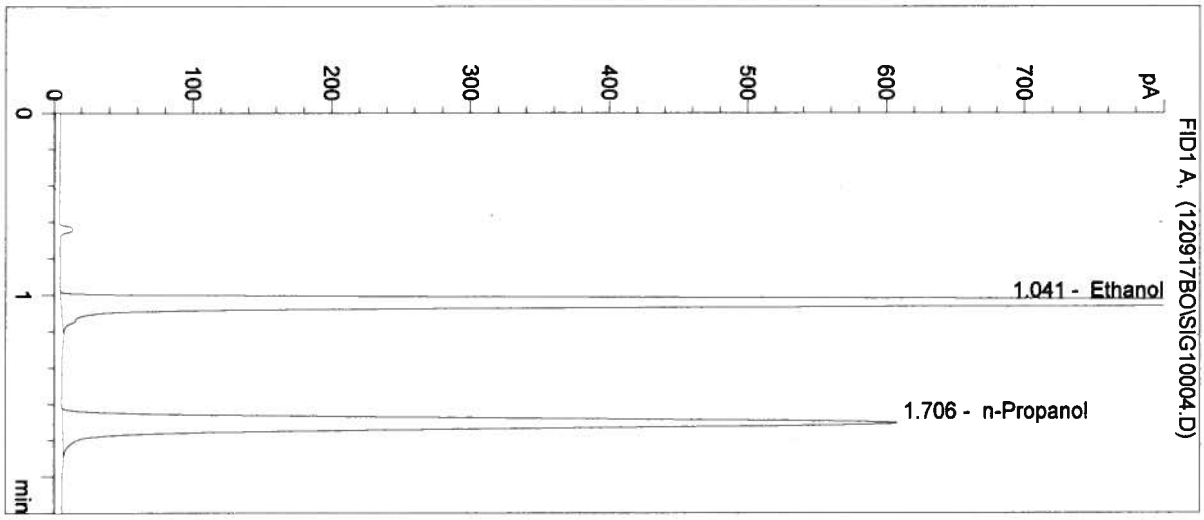
12037

BWP

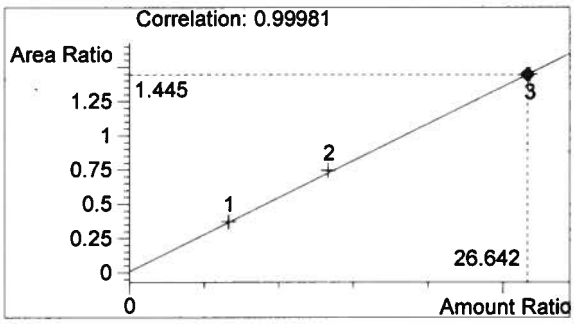
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 8:41:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.316 Calibrator: Lot: E0612-03

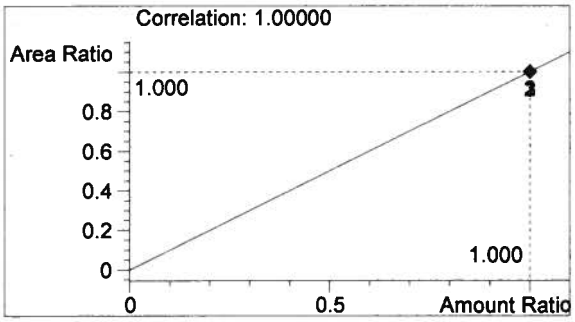
Sample Name: CAL 3 (0.316)
Operator: Brianne E. O'Reilly
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3453	1.041
2	n-Propanol	2389	1.706



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

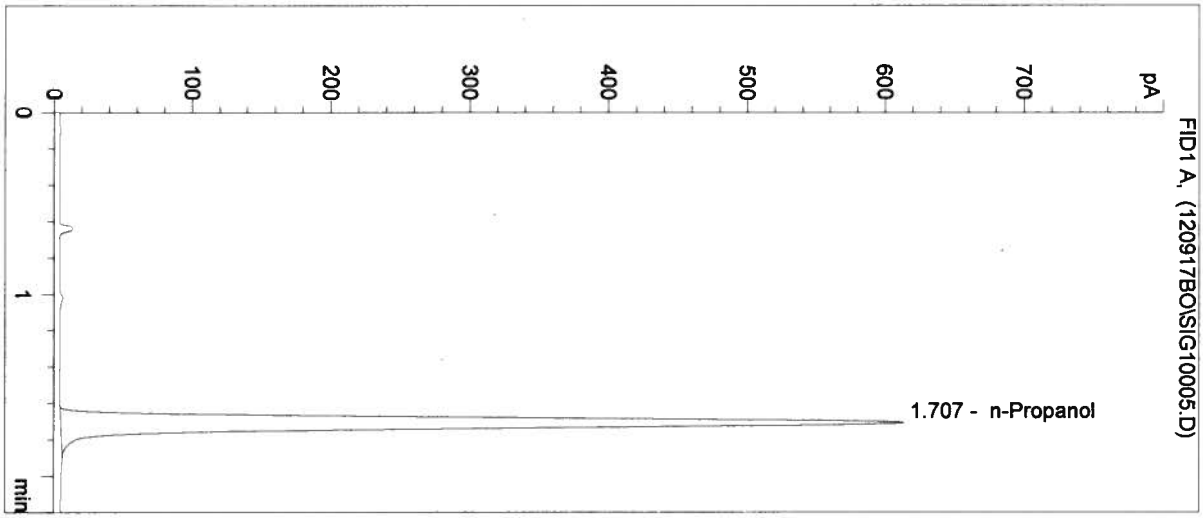
12037

BWD

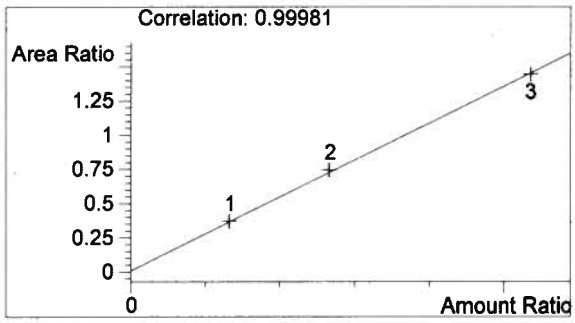
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 8:44:44 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

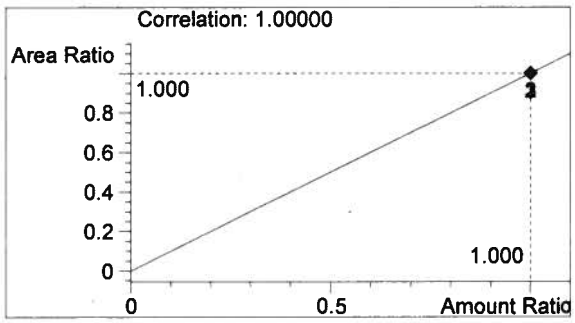
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2407	1.707



Ethanol 0.000 g/100mL



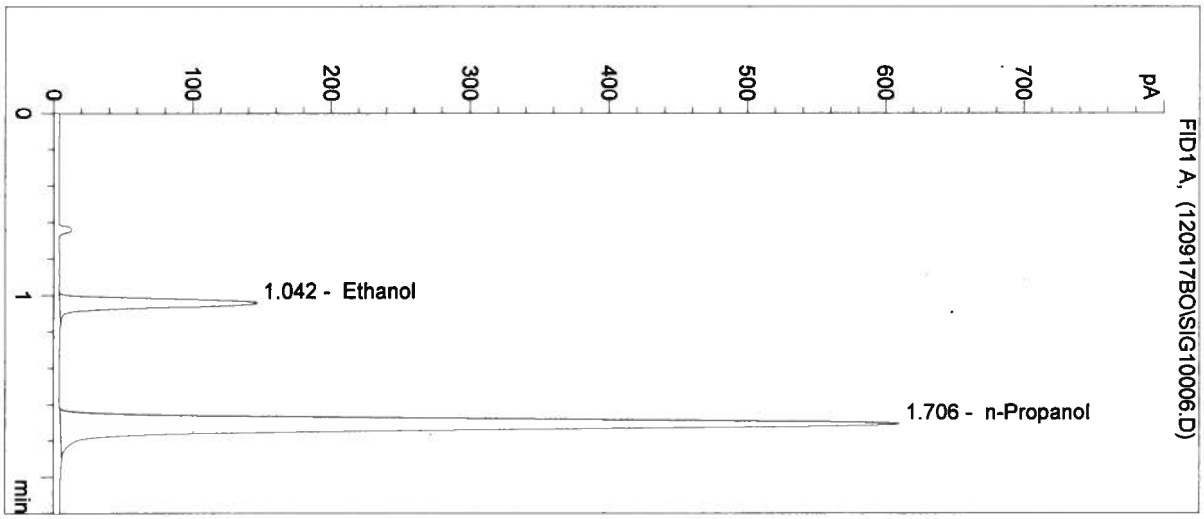
n-Propanol 0.012 g/100mL

12037

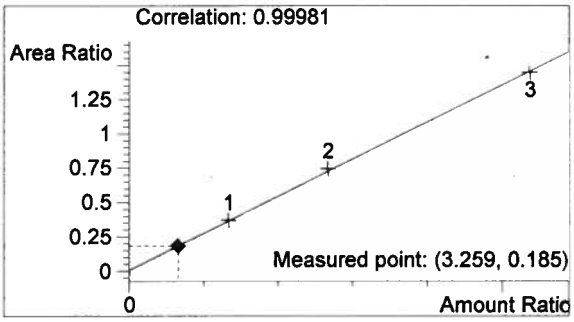
BWD

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

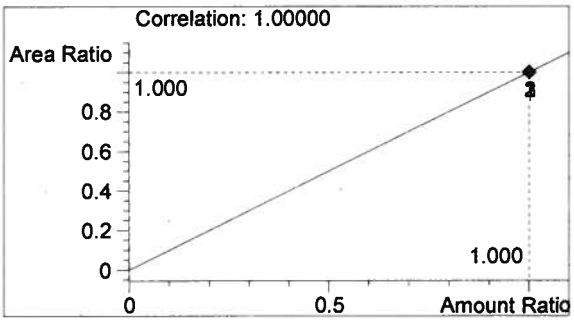
Inj. Date: 9/17/2012 8:47:49 AM
Sample Name: CTRL 1 (0.04)-BO
Instrument: HSGC#1
Operator: Brianne E. O'Reilly
Column: DB-ALC1
Location: Vial 6
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04 CTRL: Lot: A077459 - exp: 02/2015



#	Compound	Peak Area	RT (min)
1	Ethanol	444	1.042
2	n-Propanol	2398	1.706



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

12037

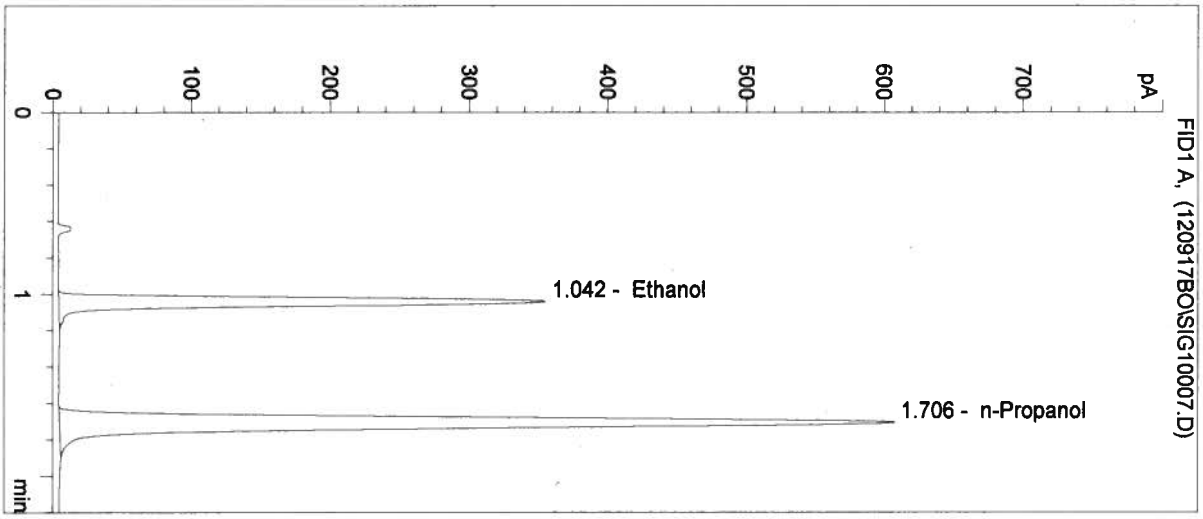
Data File: C:\HPCHEM\1\DATA\120917BO\SIG10006.D

BLO

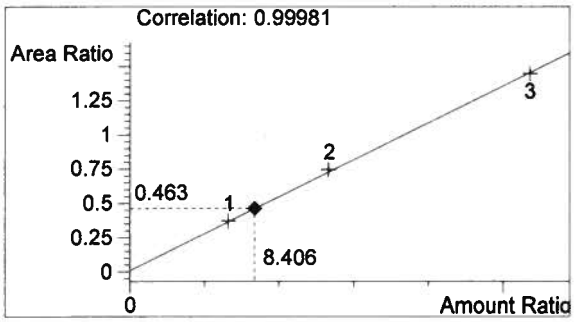
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 8:50:54 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10 CTRL: Lot: A083355 - exp: 12/2015

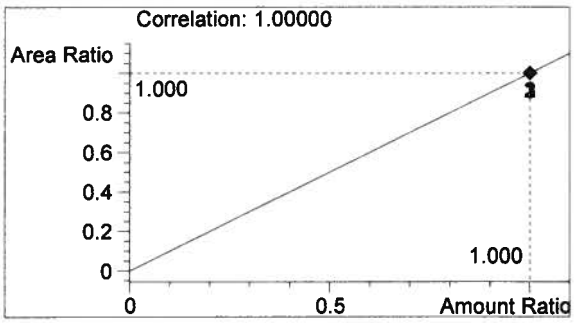
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.042
2	n-Propanol	2389	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

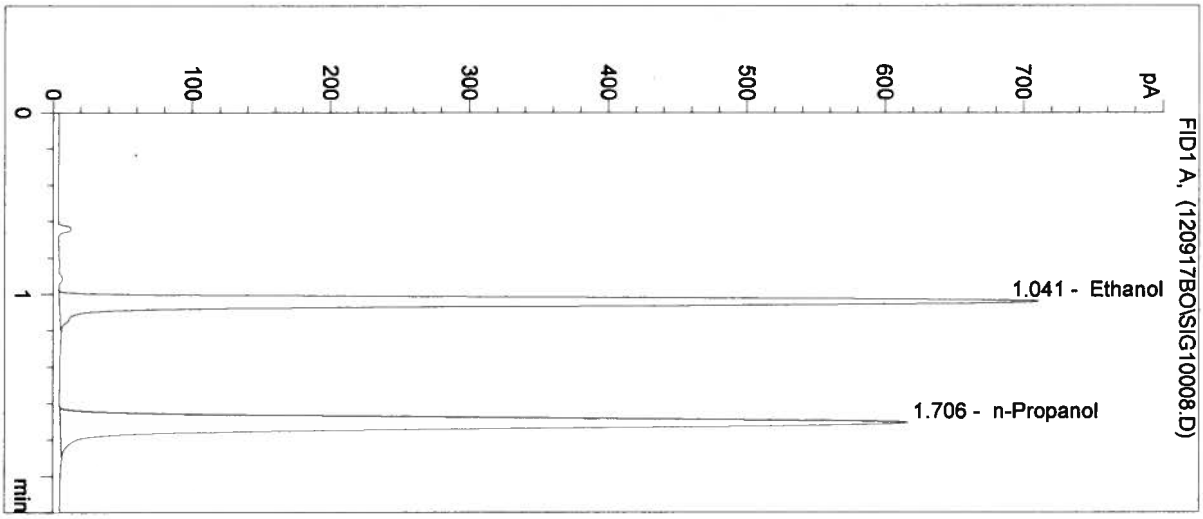
12037

BW

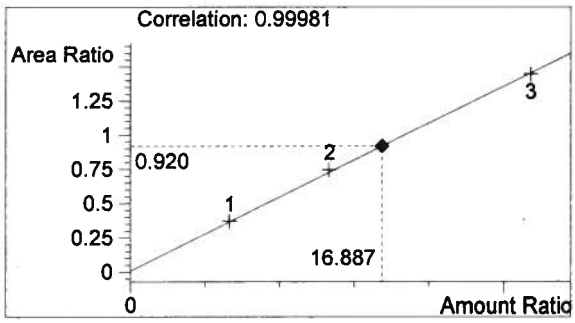
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 8:53:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20 CTRL: Lot: A084657 - exp: 02/2016

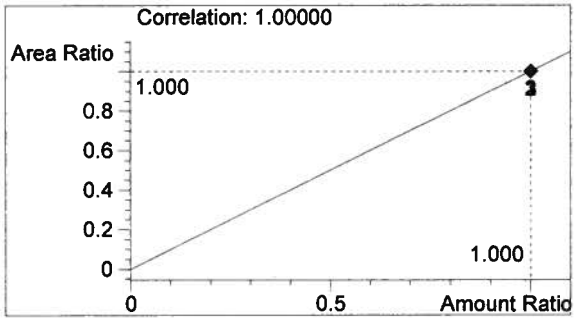
Sample Name: CTRL 3 (0.20)-BO
Operator: Brianne E. O'Reilly
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2222	1.041
2	n-Propanol	2417	1.706



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

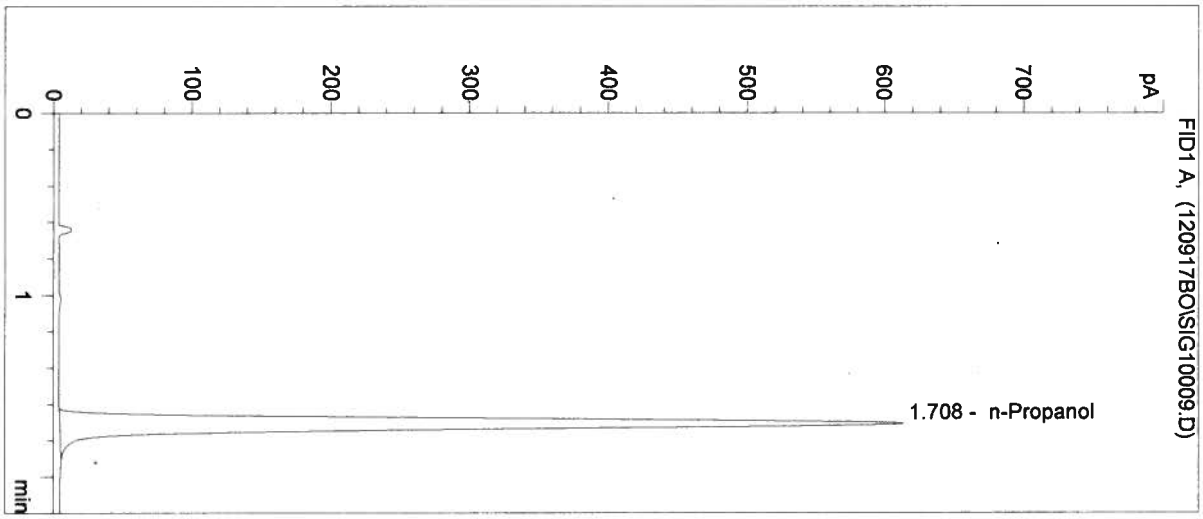
12037

BLD

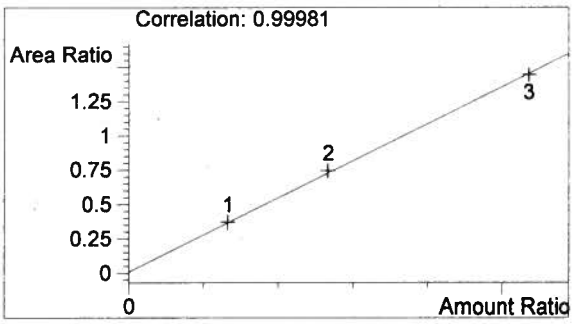
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 8:57:03 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

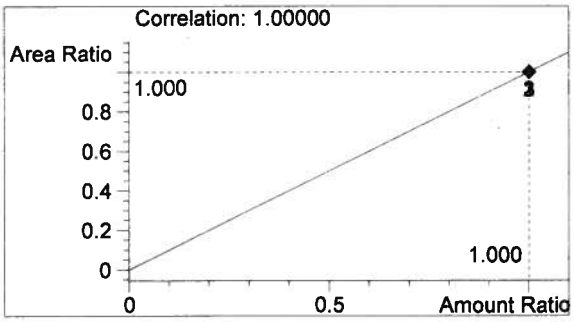
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2411	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

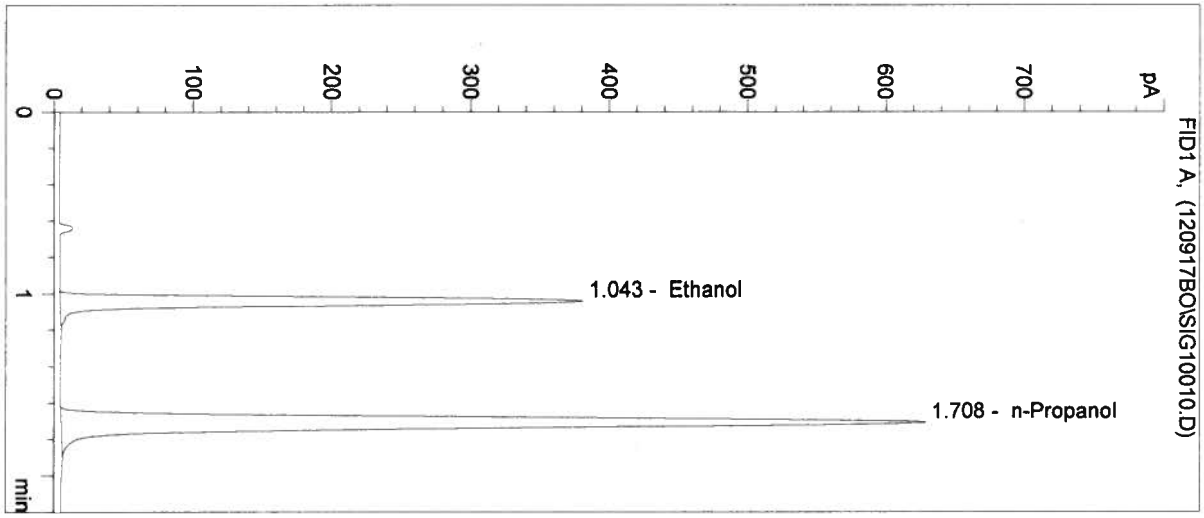
12037

BLD

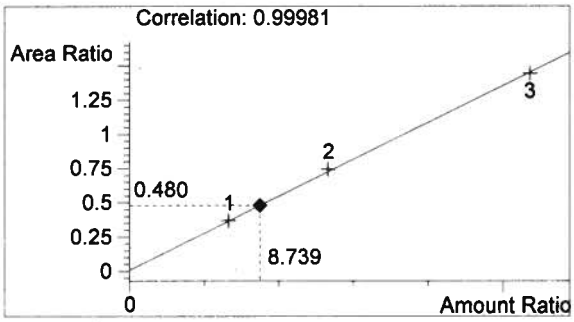
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 9:00:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

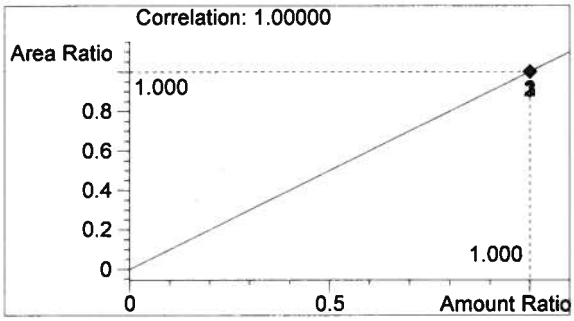
Sample Name: 12037 #1
Operator: Brianne E. O'Reilly
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1187	1.043
2	n-Propanol	2470	1.708



Ethanol 0.105 g/100mL



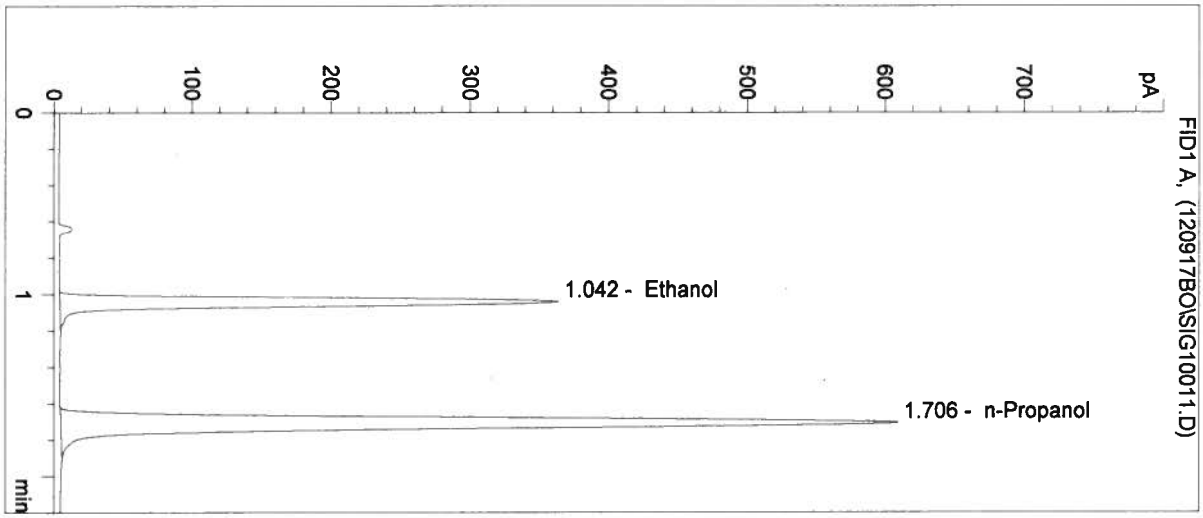
n-Propanol 0.012 g/100mL

BEO

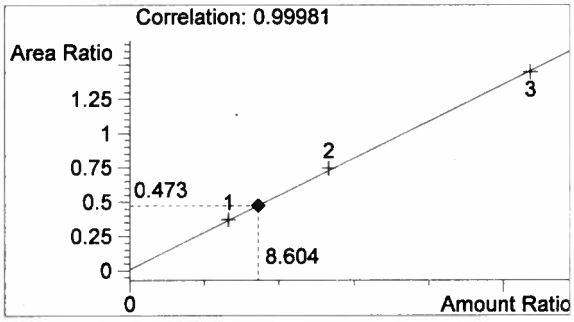
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 9:03:13 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

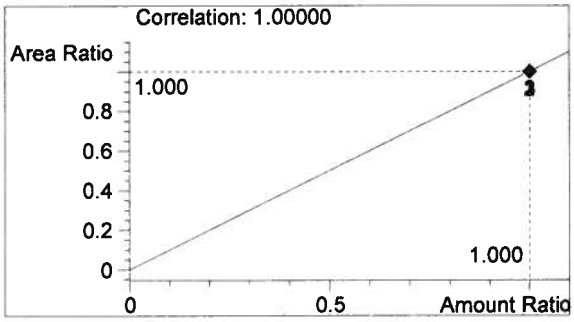
Sample Name: 12037 #2
Operator: Brianne E. O'Reilly
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.042
2	n-Propanol	2397	1.706



Ethanol 0.103 g/100mL



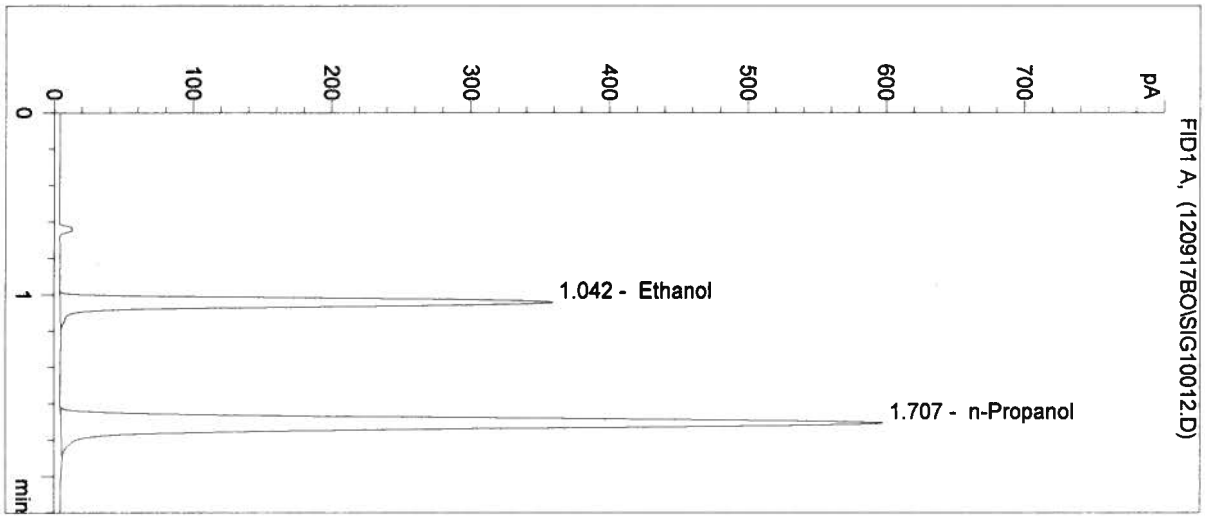
n-Propanol 0.012 g/100mL

BEO

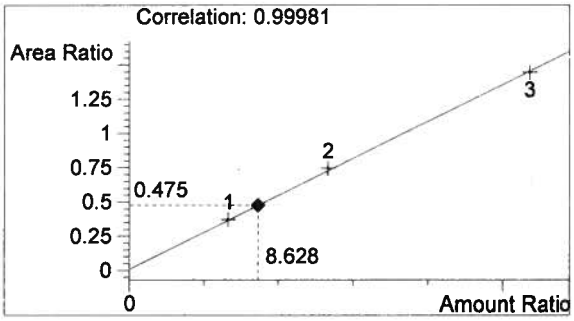
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 9:06:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

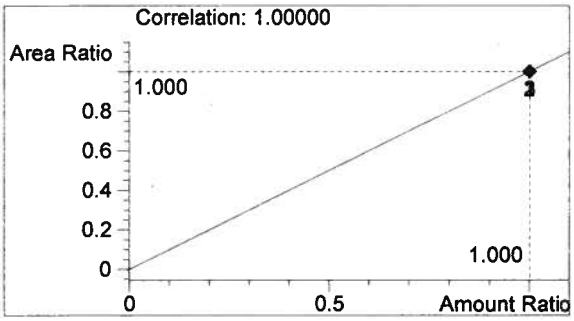
Sample Name: 12037 #3
Operator: Brianne E. O'Reilly
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.042
2	n-Propanol	2344	1.707



Ethanol 0.104 g/100mL



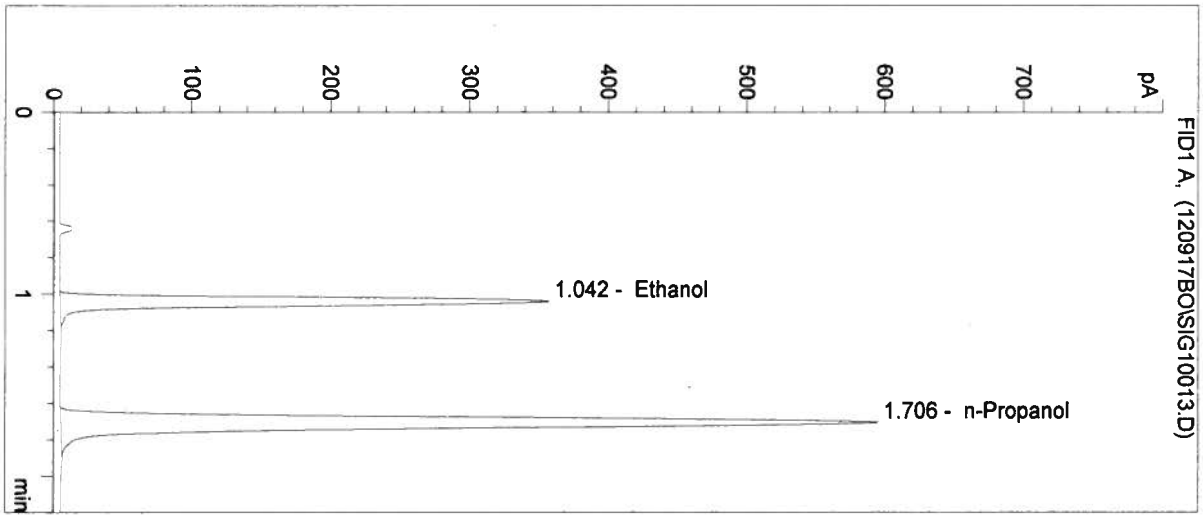
n-Propanol 0.012 g/100mL

BEO

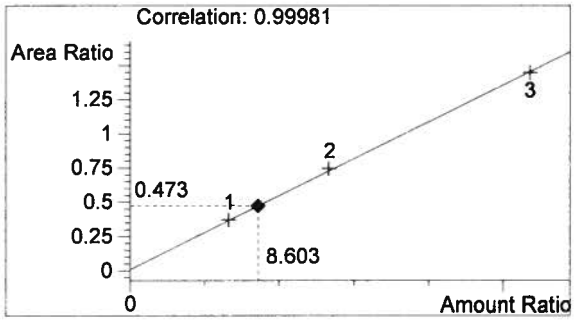
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 9:09:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

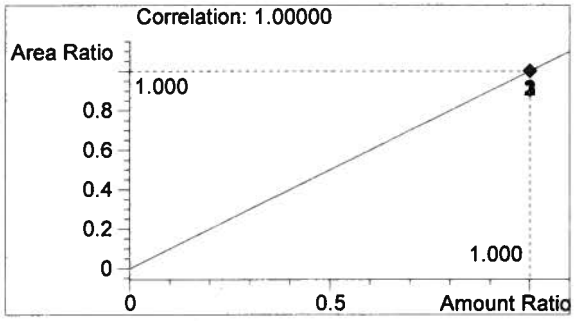
Sample Name: 12037 #4
Operator: Brianne E. O'Reilly
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.042
2	n-Propanol	2337	1.706



Ethanol 0.103 g/100mL



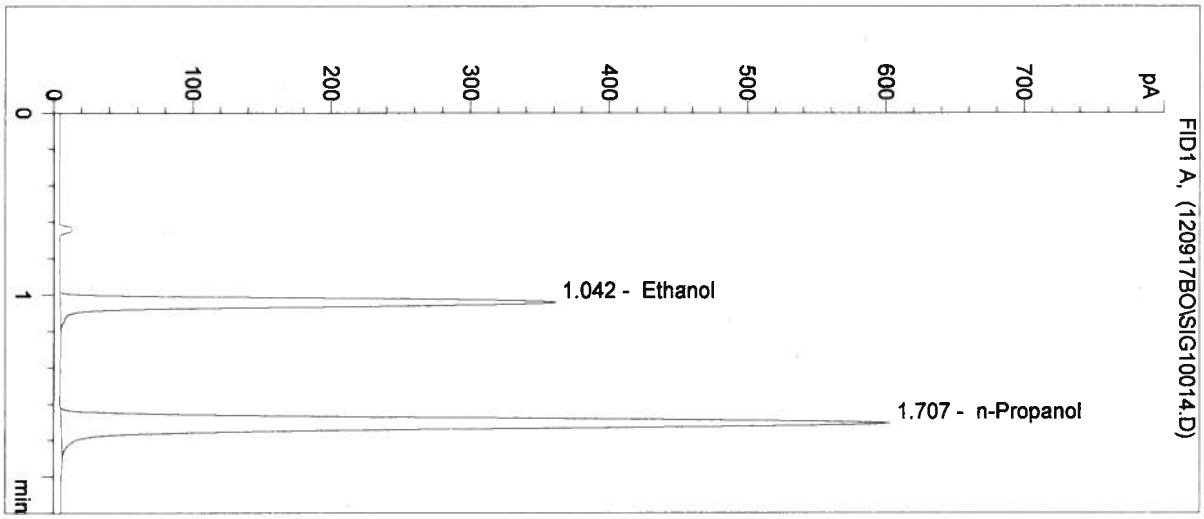
n-Propanol 0.012 g/100mL

BED

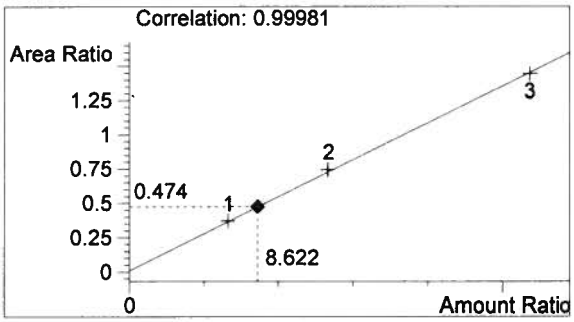
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 9:12:27 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

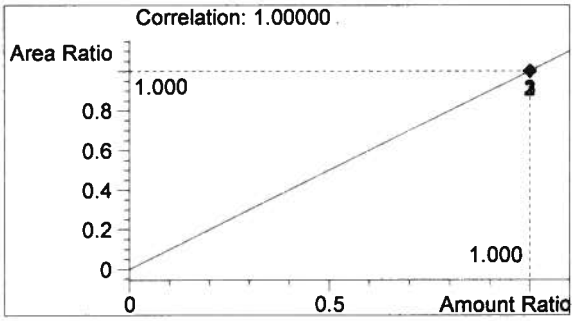
Sample Name: 12037 #5
Operator: Brianne E. O'Reilly
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.042
2	n-Propanol	2367	1.707



Ethanol 0.103 g/100mL



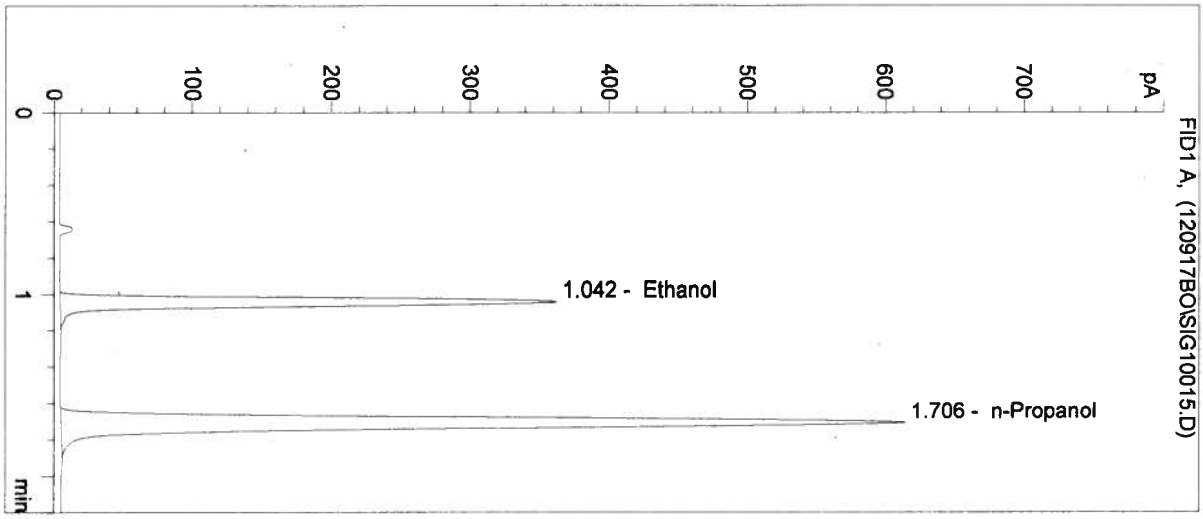
n-Propanol 0.012 g/100mL

BWO

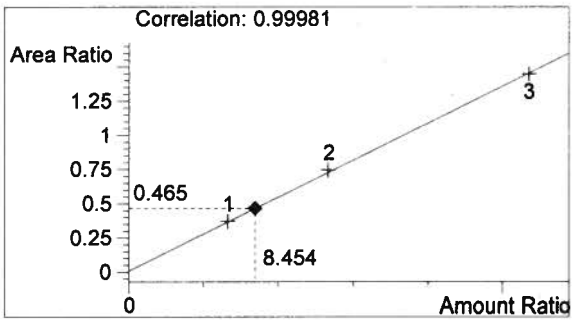
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 9:15:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10 CTRL: Lot: A083355 - exp: 12/2015

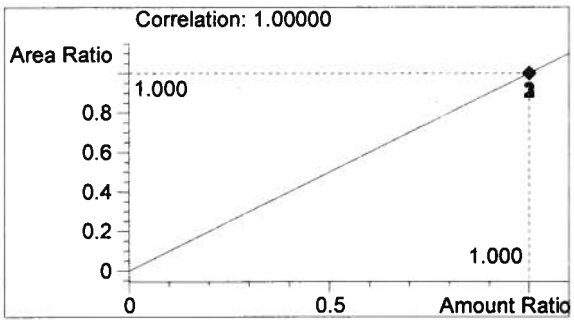
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.042
2	n-Propanol	2422	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

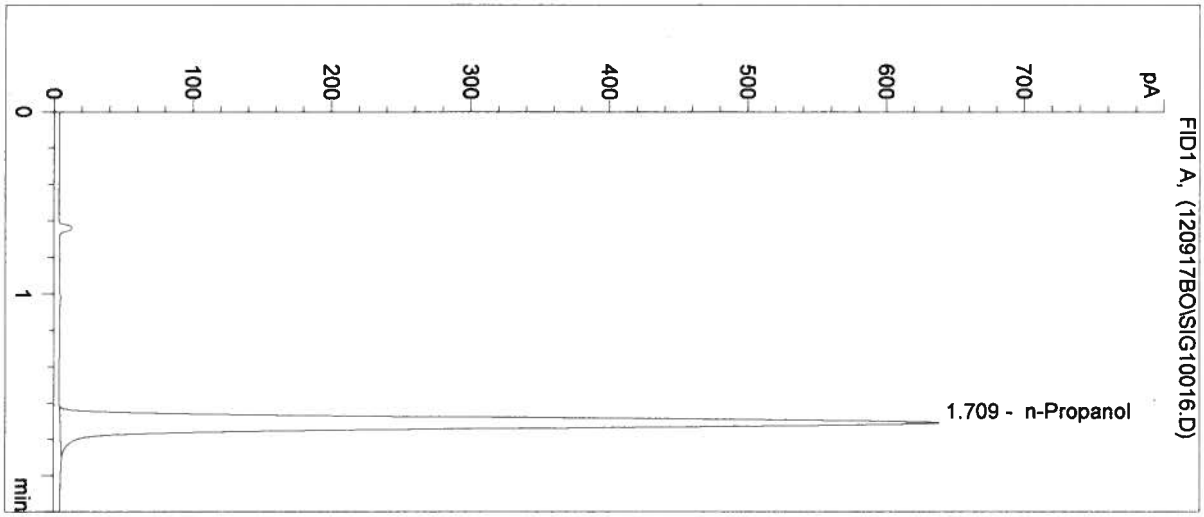
12037

BUD

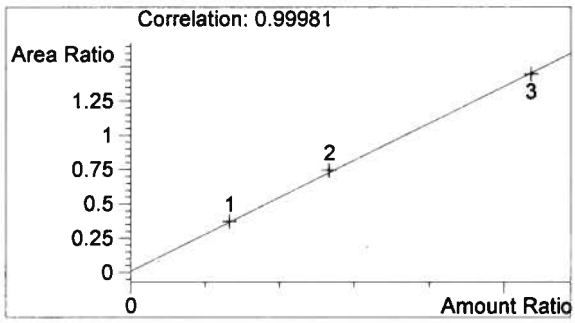
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 9:18:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

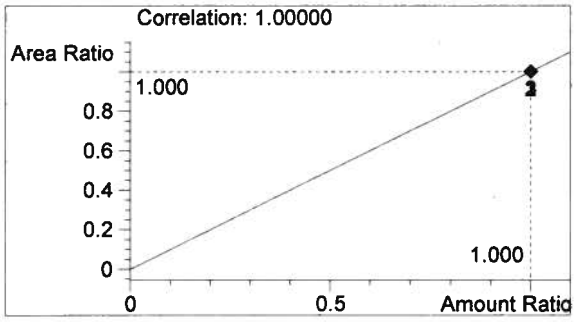
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2518	1.709



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12037

BLD

Sequence: C:\HPCHEM\1\SEQUENCE\AL-ESS1.S

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120917AL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0612-01 exp 09/25/2012
cal 2 e0612-02 exp 09/25/2012
cal 3 e0612-03 exp 09/25/2012
0.04 control lot# a077459 exp 02/2015
0.10 control lot# a083355 exp 12/2015
0.20 control lot# a084657 exp 02/2016
istd p0812 exp 11/15/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	12037 #1	SIMALC1	1	Sample		
11	Vial 11	12037 #2	SIMALC1	1	Sample		
12	Vial 12	12037 #3	SIMALC1	1	Sample		
13	Vial 13	12037 #4	SIMALC1	1	Sample		
14	Vial 14	12037 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC1	1	Ctrl Samp		

12037

AL
2012 Sep 17

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC1	3	Replace	Replace	

Sequence: C:\HPCHEM\1\SEQUENCE\AL-ESS1.S

Sequence Table (Back Injector):

No entries - empty table!

Batch 12037

sc 20.2 Sep 17

12037

Calibration Table

Calib. Data Modified : Monday, September 17, 2012 12:12:12 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1	1	7.97000e-2	868.04431	9.18156e-5	1		Ethanol
		2	1.59870e-1	1739.15112	9.19242e-5			
		3	3.21590e-1	3476.68823	9.24989e-5			
1.706	1	1	1.20000e-2	2333.42749	5.14265e-6	I1		n-Propanol
		2	1.20000e-2	2387.94922	5.02523e-6			
		3	1.20000e-2	2418.98364	4.96076e-6			

Peak Sum Table

No Entries in table

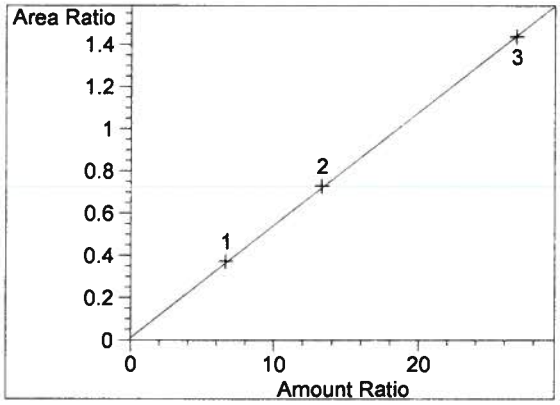
Batch 12037
AL 2012 Sep 17

12037

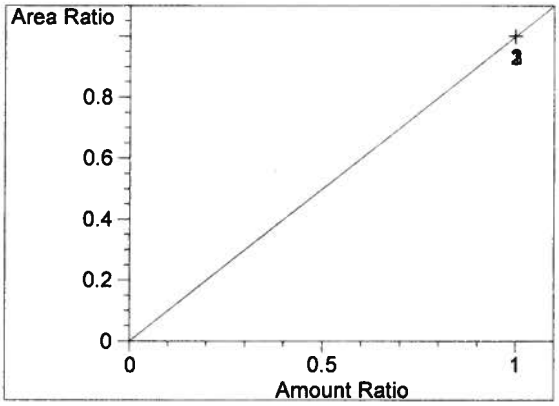
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99991
Residual Std. Dev.: 0.01032
Formula: y = mx + b
m: 5.34847e-2
b: 9.10858e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

BATCH 12037

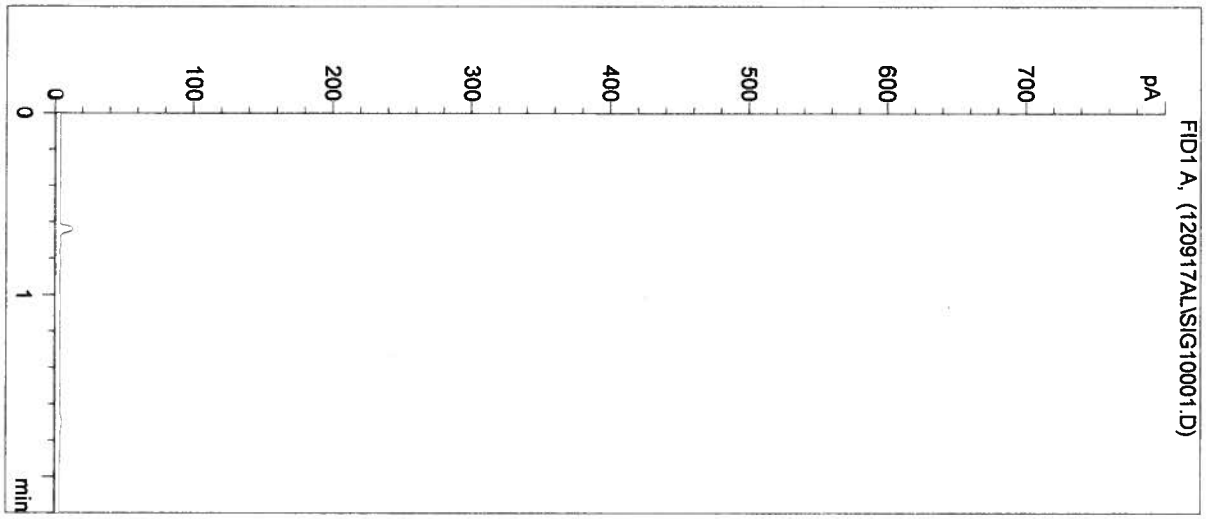
AL 2012 Sep 17

12037

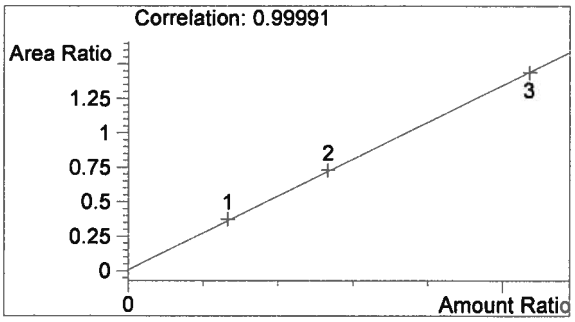
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:00:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

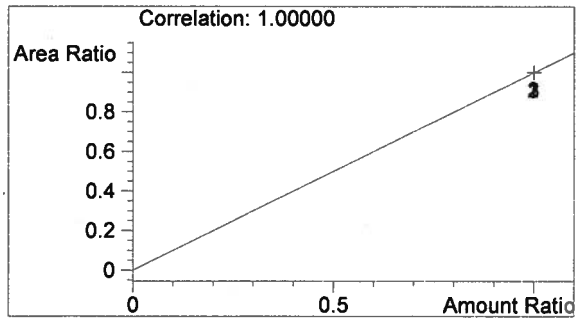
Sample Name: blank
Operator: asa louis
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

BATCH 12037

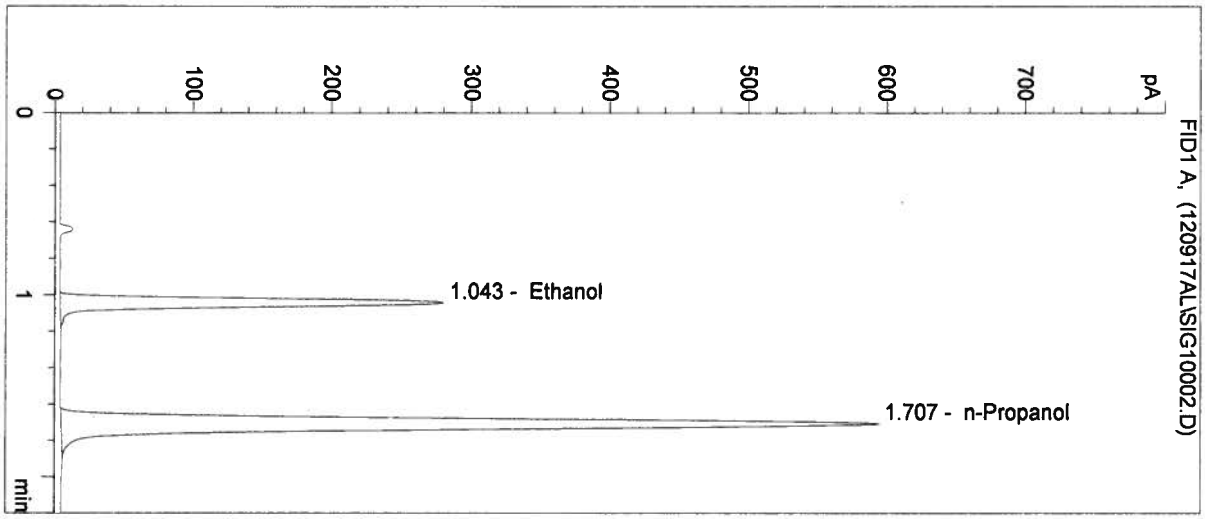
a
2012 Sep 17

12037

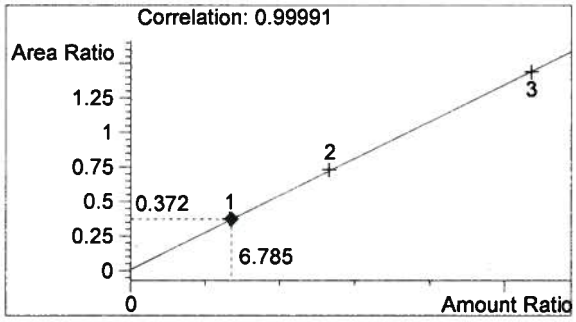
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:03:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Lot E0612-01 exp 09/25/2012

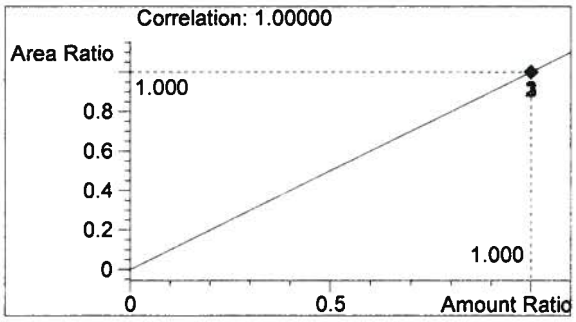
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	868	1.043
2	n-Propanol	2333	1.707



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

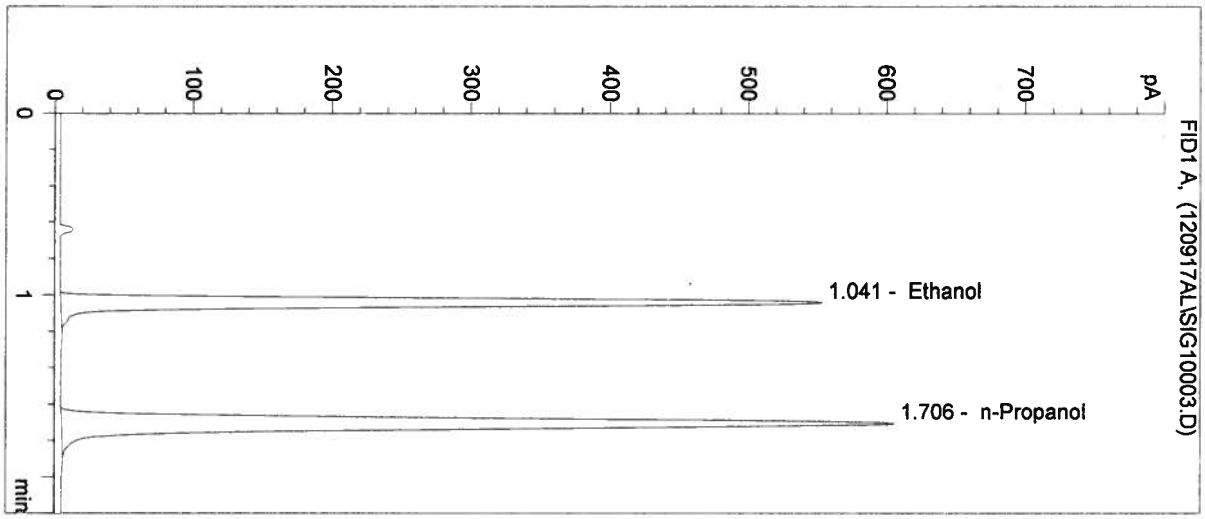
Batch 12037
AL 2012 Sep 17

12037

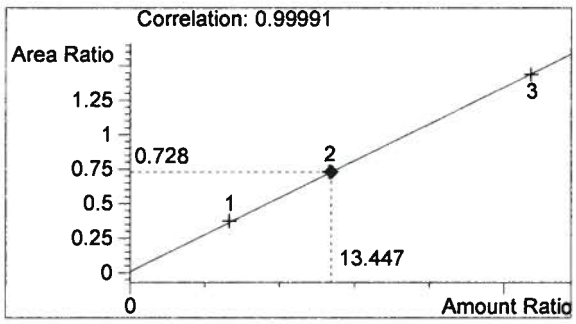
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:06:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Lot E0612-02 exp 09/25/2012

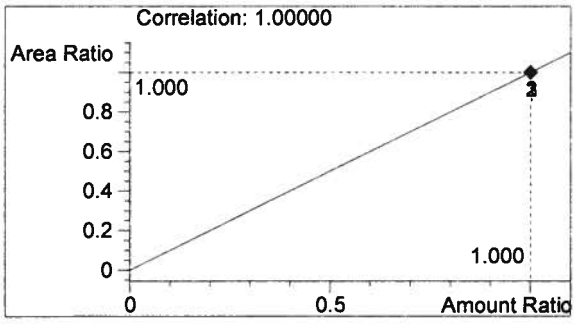
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1739	1.041
2	n-Propanol	2388	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

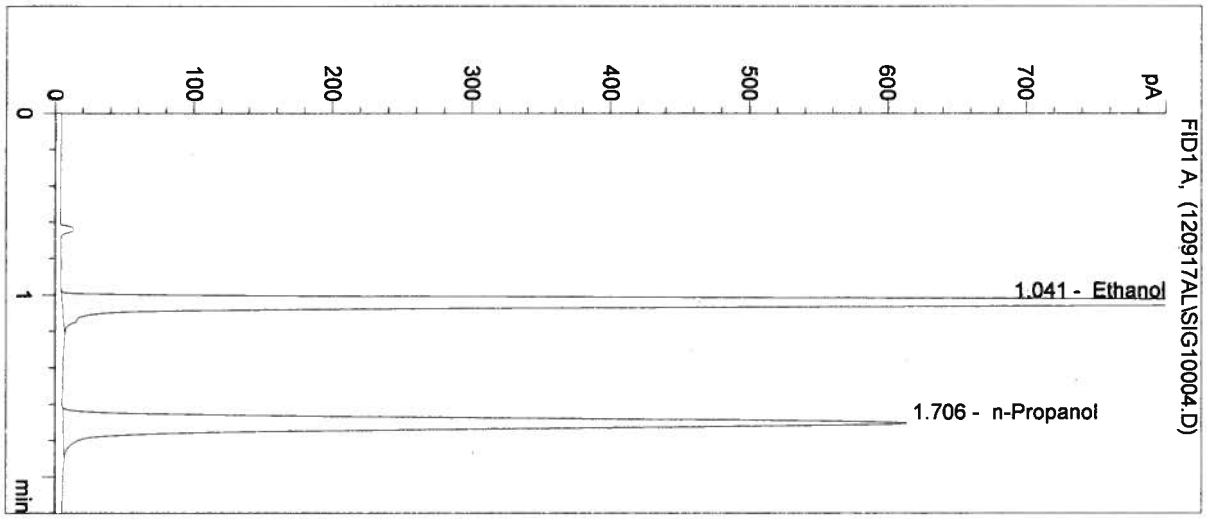
Batch 12037
SC 2012 Sep 17

12037

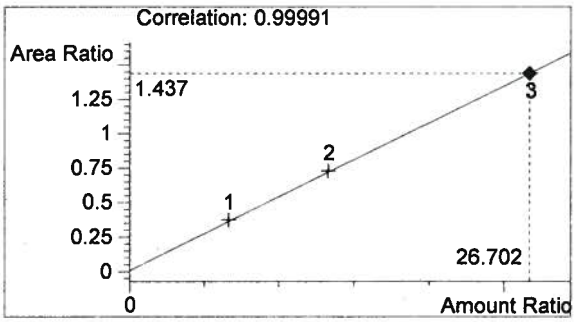
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:09:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Lot E0612-03 exp 09/25/2012

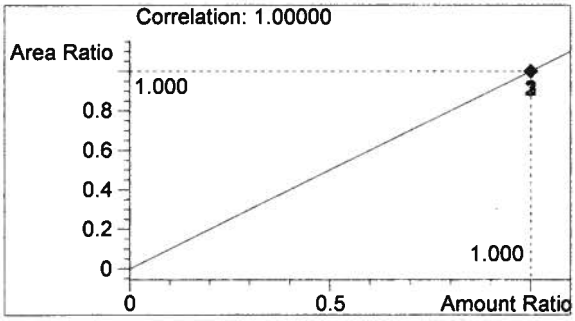
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3477	1.041
2	n-Propanol	2419	1.706



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

BATCH 12037

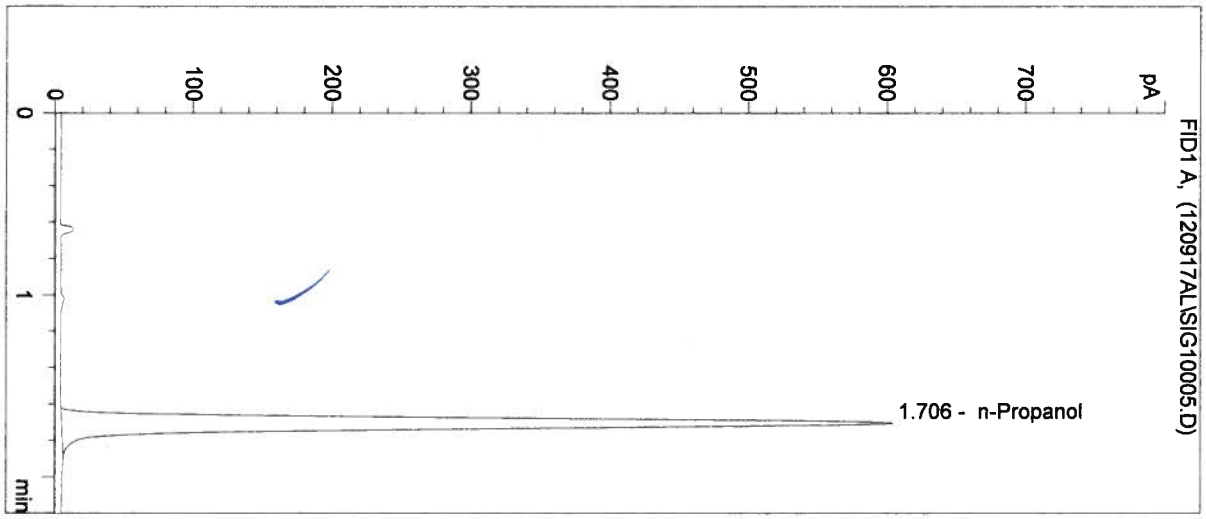
xc 2012 Sp17

12037

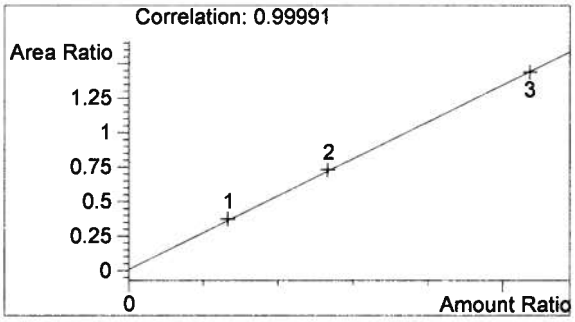
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:13:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

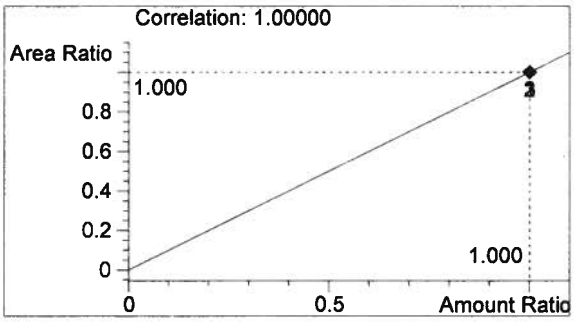
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2380	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

batch 12037

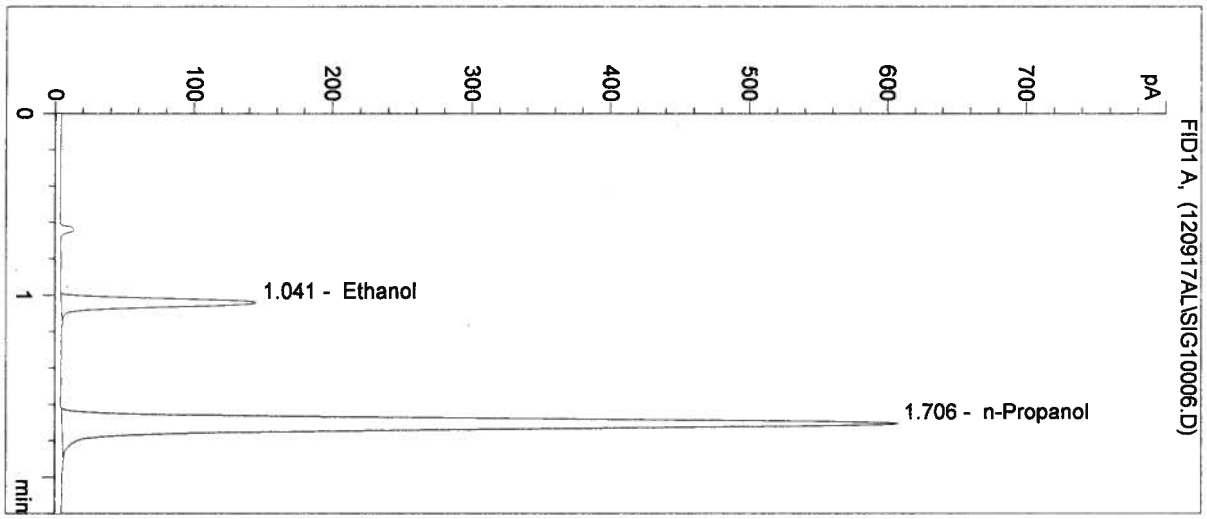
AL
2012 sep 17

12037

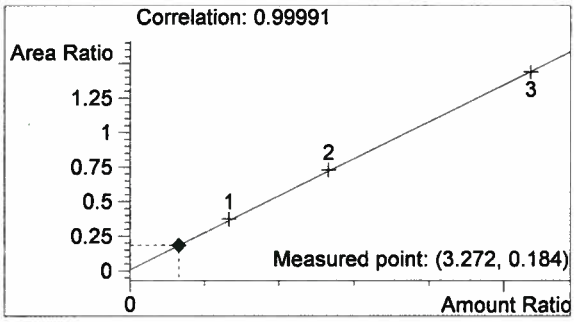
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:16:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

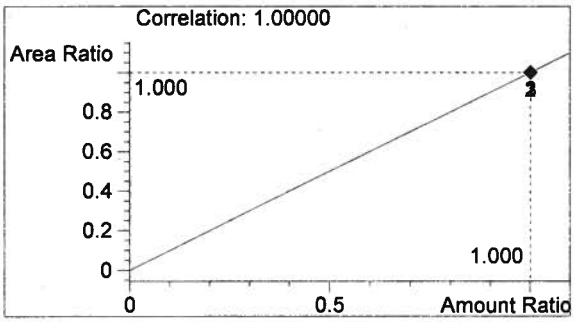
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	440	1.041
2	n-Propanol	2392	1.706



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

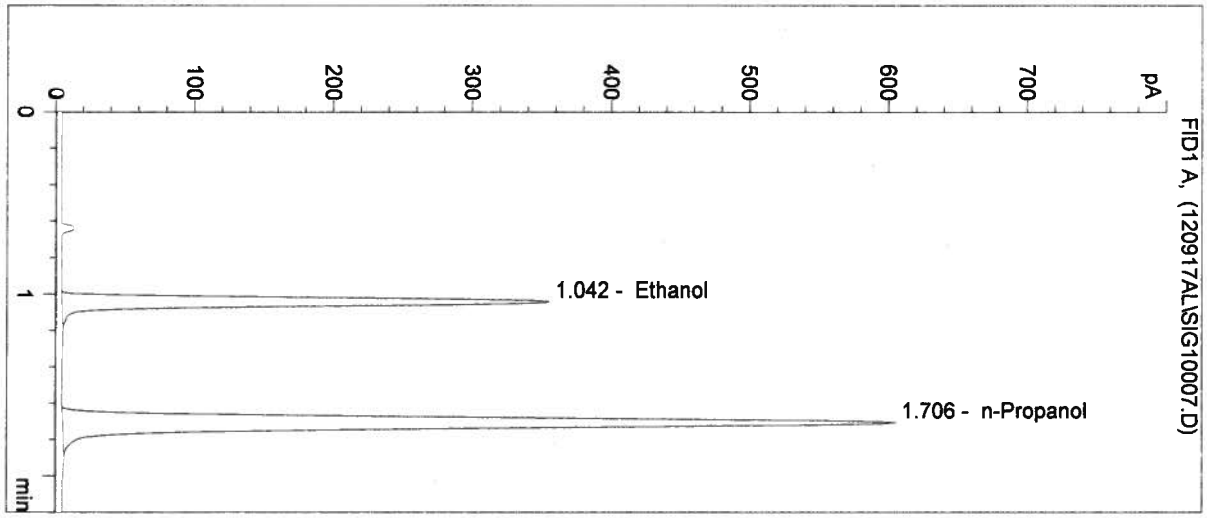
BATCH 12037
AL 2012 Sep 17

12037

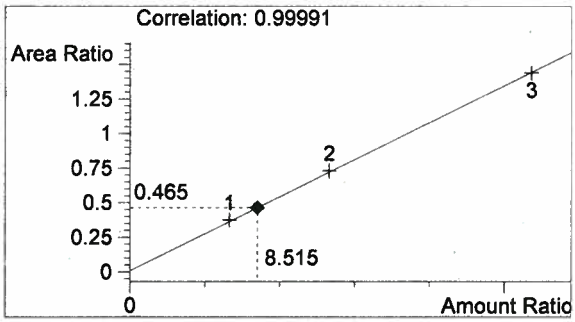
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:19:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

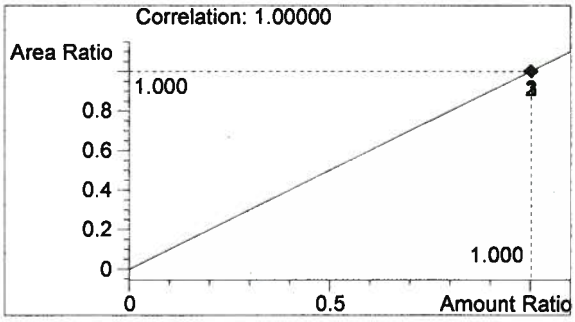
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.042
2	n-Propanol	2372	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

Batch 12037

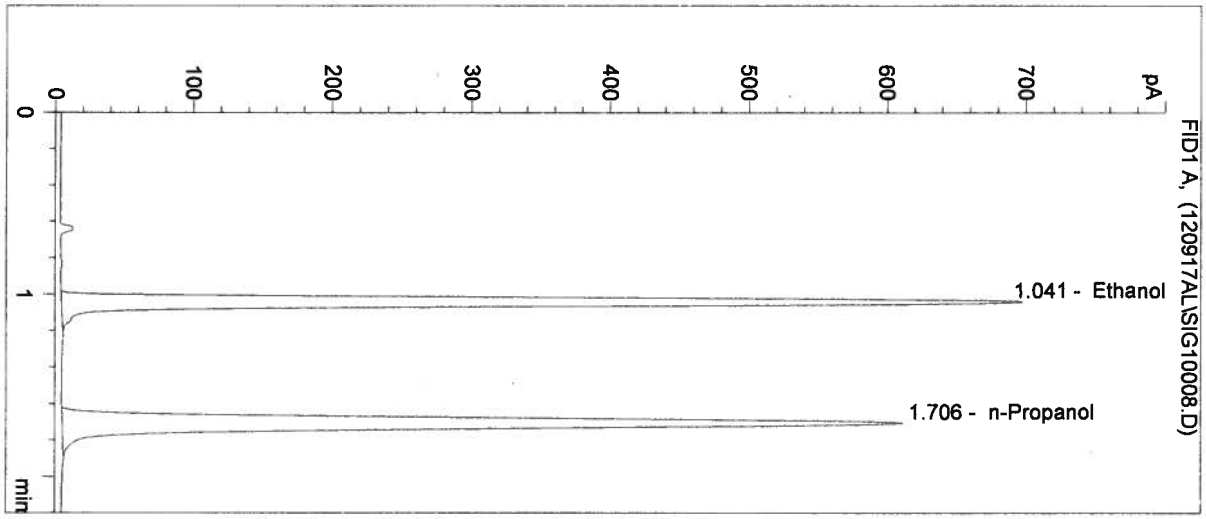
AL 2012 Sep 17

12037

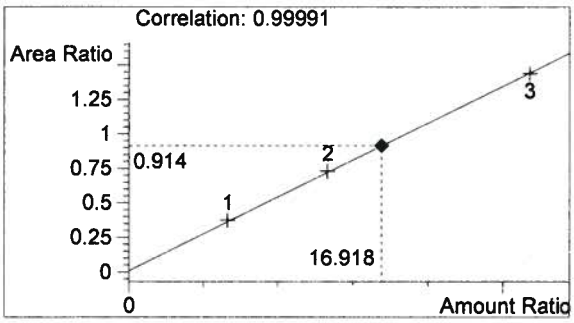
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:22:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

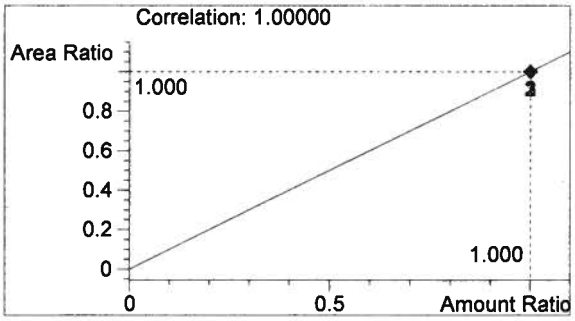
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2204	1.041
2	n-Propanol	2411	1.706



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

Batch 12037

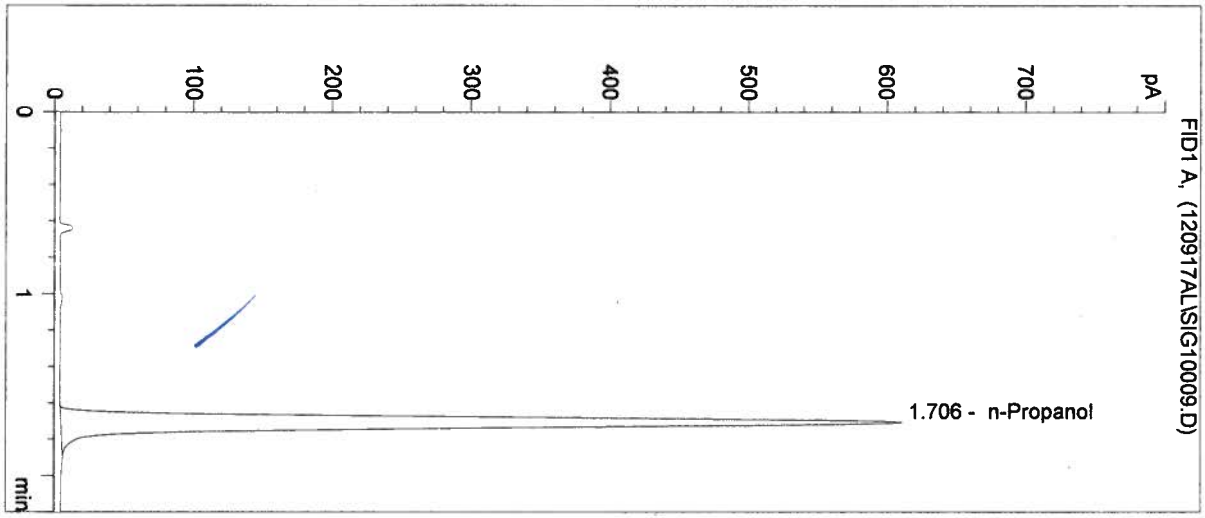
AL 2012 Sep 17

12037

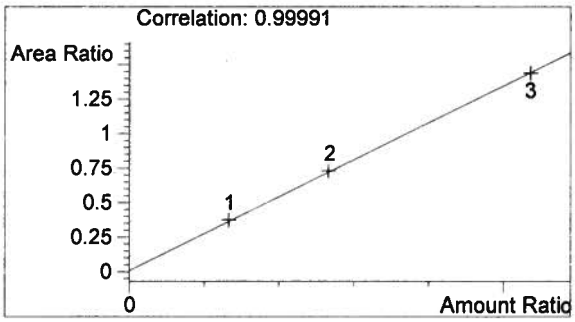
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:25:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

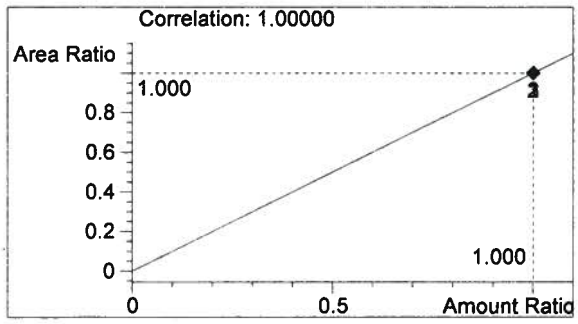
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2410	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

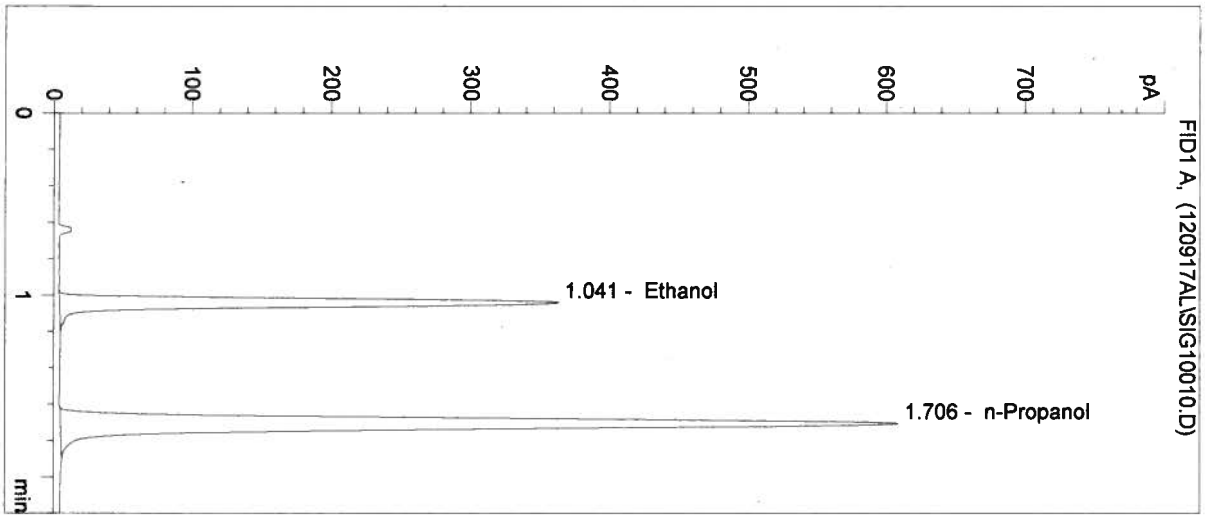
12037

Batch 12037
ok 2012 Sep 17

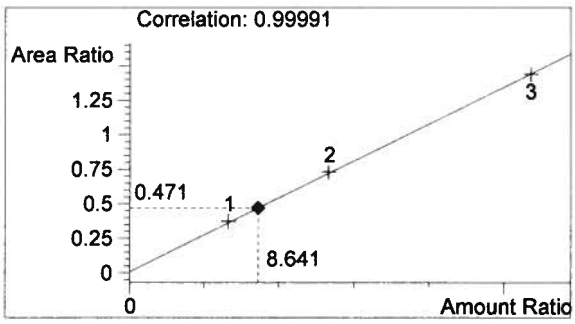
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:28:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

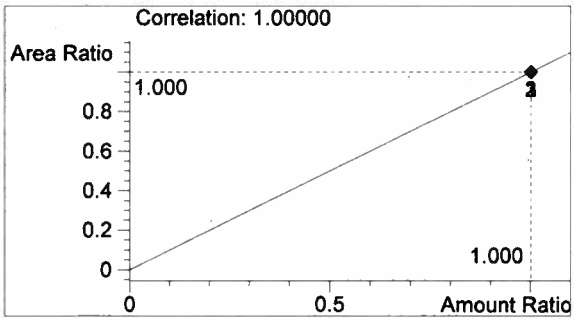
Sample Name: 12037 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.041
2	n-Propanol	2389	1.706



Ethanol 0.104 g/100mL



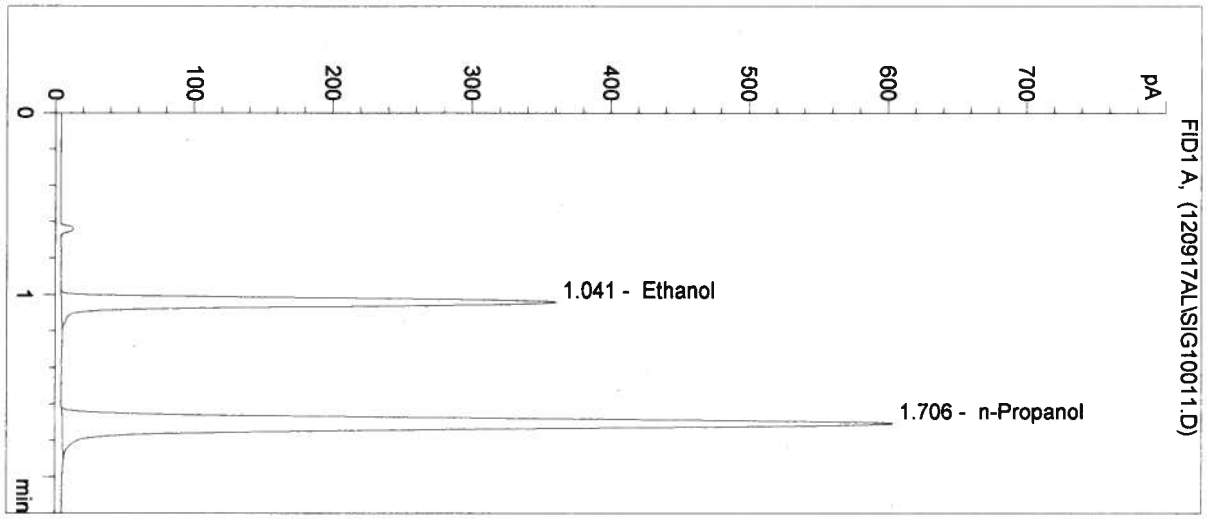
n-Propanol 0.012 g/100mL

A
2012Sep17

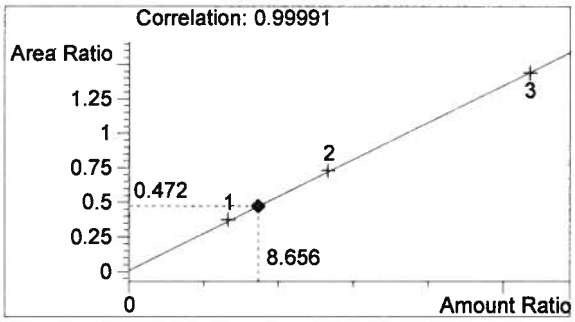
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:31:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

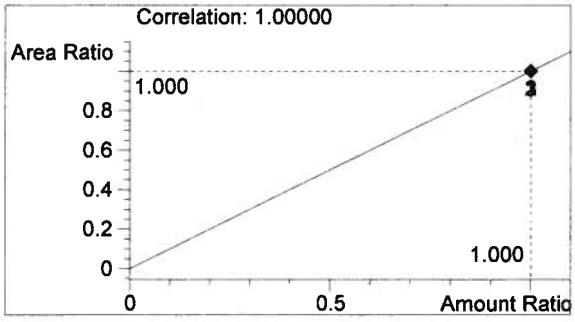
Sample Name: 12037 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.041
2	n-Propanol	2371	1.706



Ethanol 0.104 g/100mL



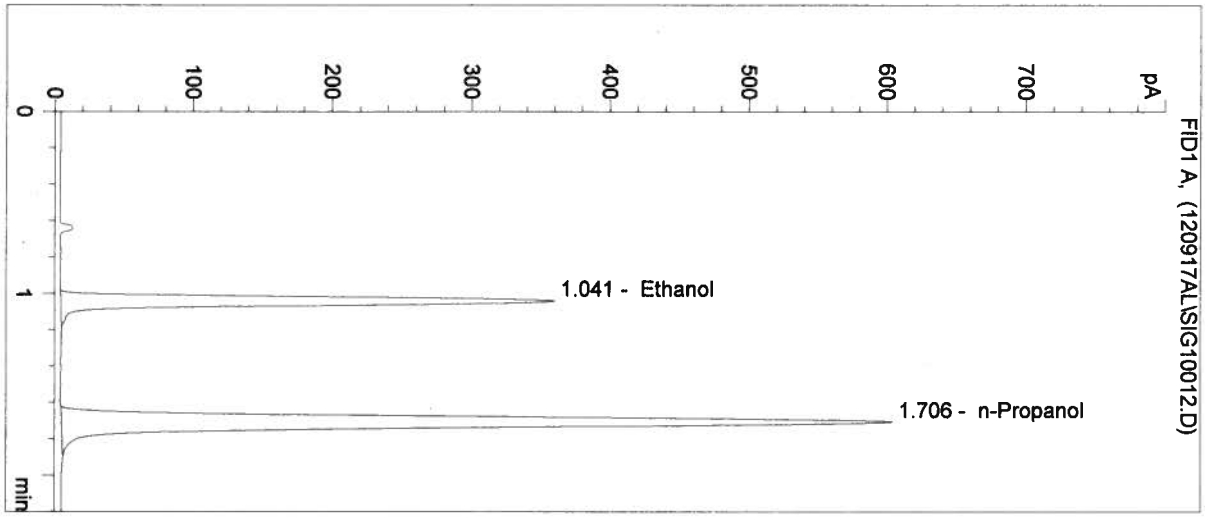
n-Propanol 0.012 g/100mL

AL
2012 Sep 17

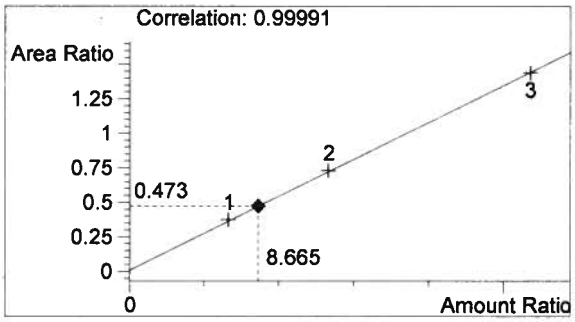
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:34:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

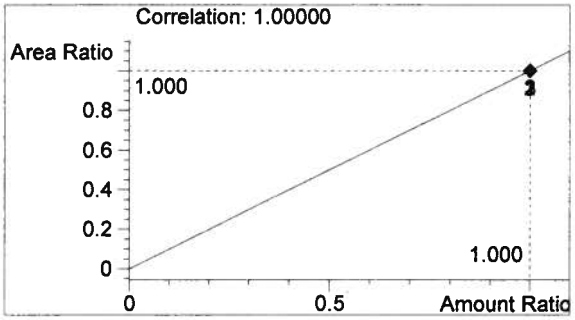
Sample Name: 12037 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.041
2	n-Propanol	2370	1.706



Ethanol 0.104 g/100mL

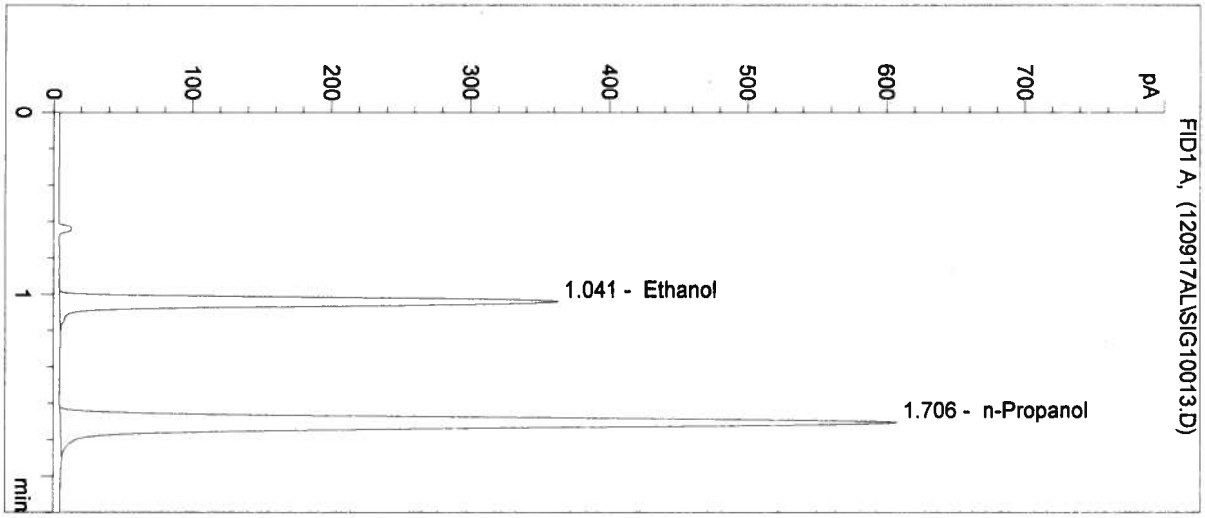


n-Propanol 0.012 g/100mL

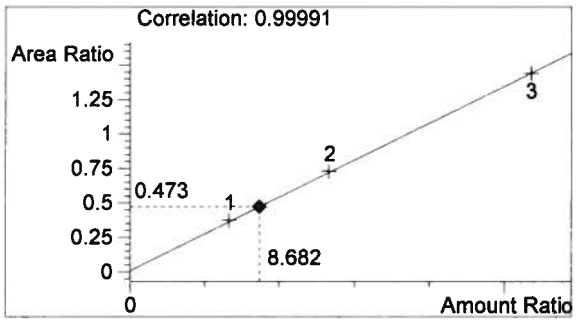
AL
2012 Sep 17

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

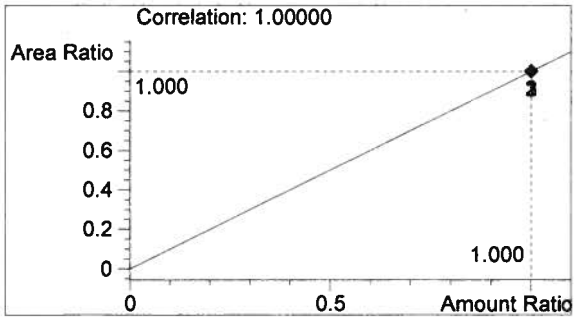
Inj. Date: 9/17/2012 12:37:42 PM
Sample Name: 12037 #4
Instrument: HSGC#1
Operator: asa louis
Column: DB-ALC1
Location: Vial 13
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1132	1.041
2	n-Propanol	2390	1.706



Ethanol 0.104 g/100mL



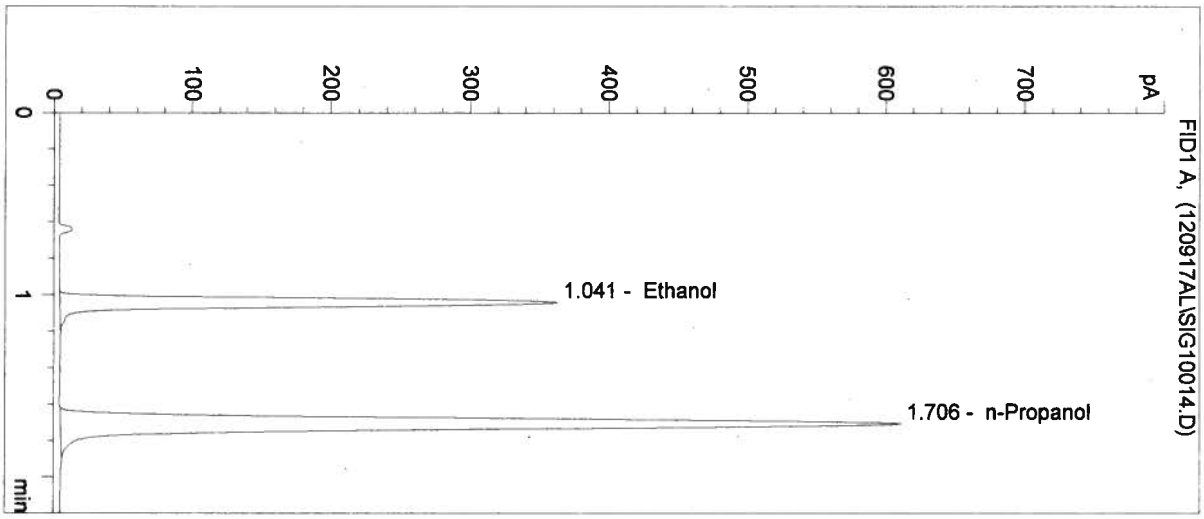
n-Propanol 0.012 g/100mL

AL
2012 Sep 17

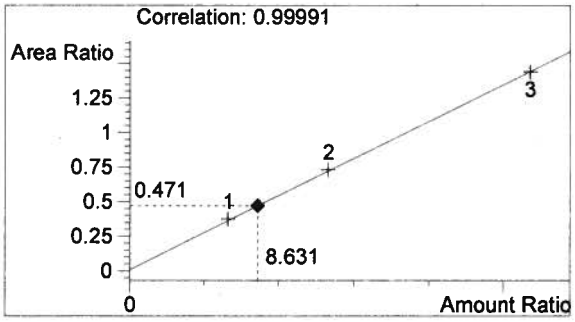
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:40:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

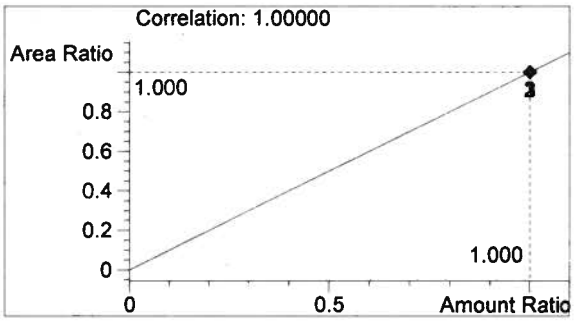
Sample Name: 12037 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1133	1.041
2	n-Propanol	2407	1.706



Ethanol 0.104 g/100mL



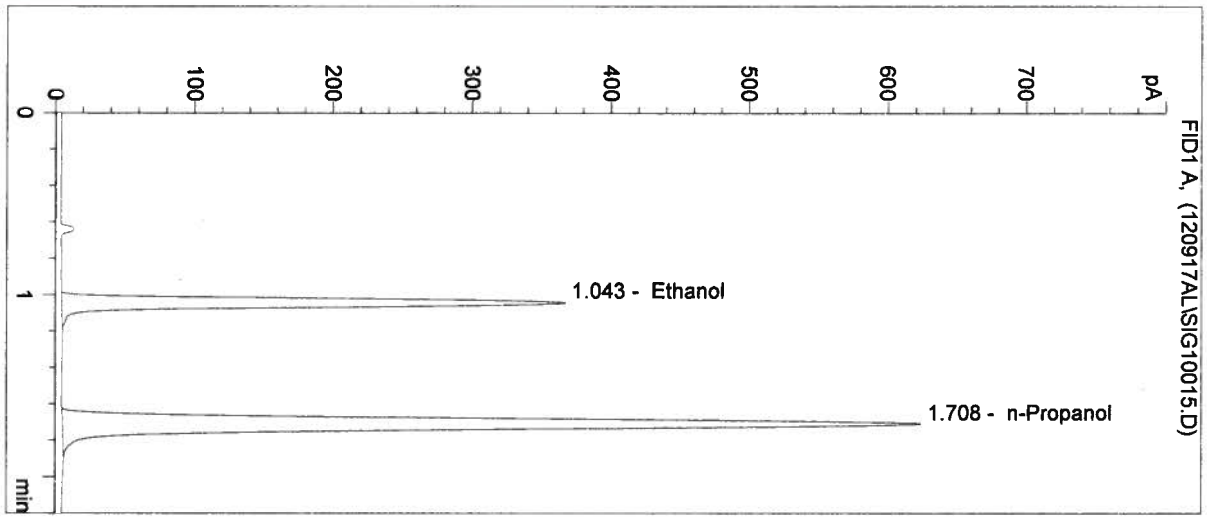
n-Propanol 0.012 g/100mL

AL 2012 Sep 17

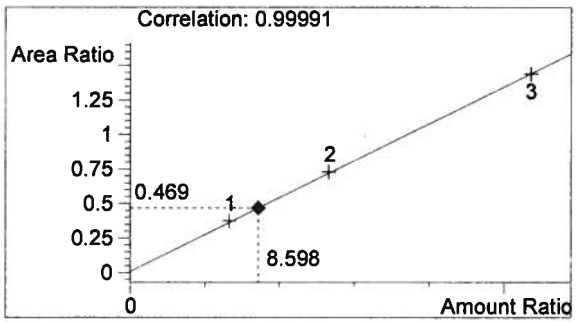
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:43:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

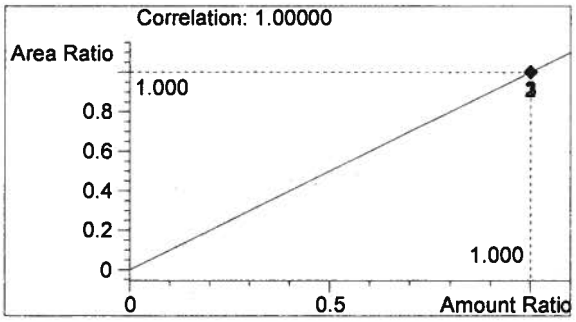
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1150	1.043
2	n-Propanol	2452	1.708



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

Bottle 12037

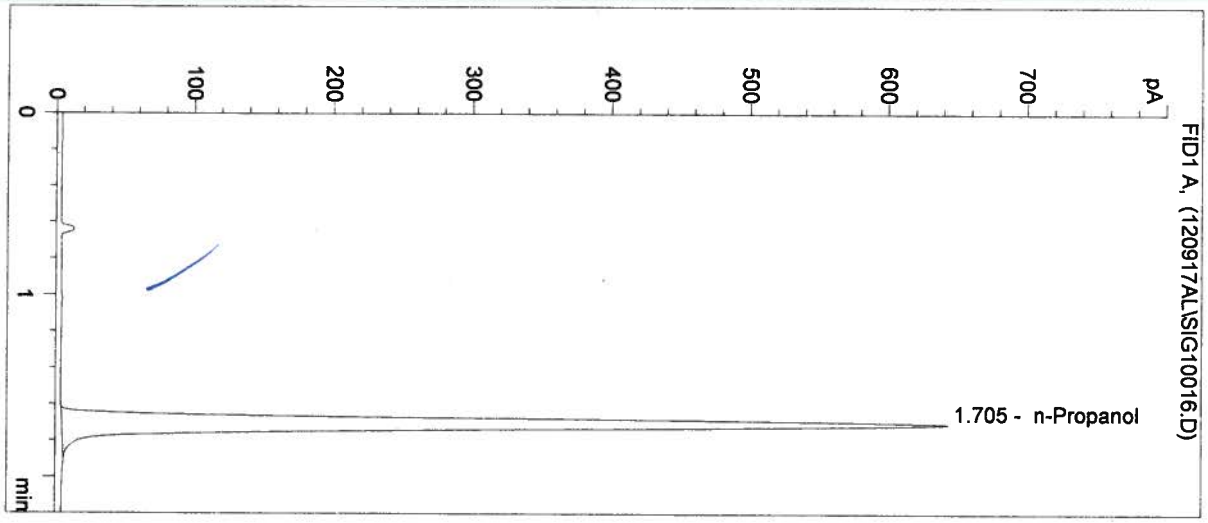
AL 2012 Sep 17

12037

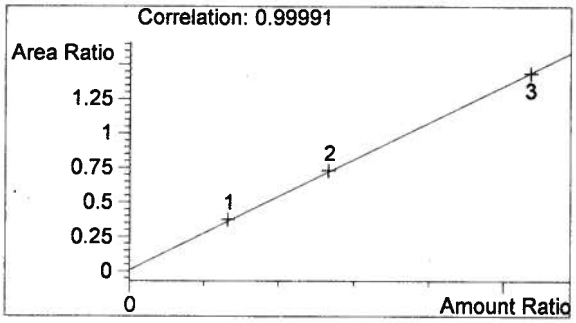
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:46:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

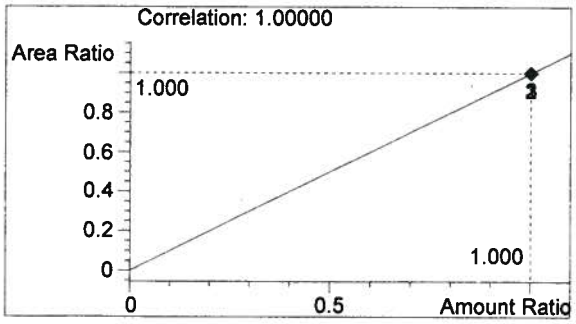
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2542	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12037

Batch 12037
AL 2012 Sep 17